

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID: Q3552
Client: Remington & Vernick Engineers
Contact: Kyle Carlson

OrderDate: 11/5/2025 2:23:00 PM
Project: Edison Landfill
Location: D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	MW-4	Water	SVOC-TCL BNA -20	8270E	11/04/25	11/06/25	11/06/25	11/05/25
Q3552-02	MW-8	Water	SVOC-TCL BNA -20	8270E	11/04/25	11/06/25	11/06/25	11/05/25
Q3552-03	MW-9	Water	SVOC-TCL BNA -20	8270E	11/04/25	11/06/25	11/06/25	11/05/25
Q3552-04	MW-10	Water	SVOC-TCL BNA -20	8270E	11/05/25	11/06/25	11/06/25	11/05/25
Q3552-05	MW-3	Water	SVOC-TCL BNA -20	8270E	11/04/25	11/06/25	11/06/25	11/05/25

Hit Summary Sheet SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-4								
Q3552-01	MW-4	WATER	2-Methylnaphthalene	3.500	J	0.56	5	ug/L
Q3552-01	MW-4	WATER	Bis(2-ethylhexyl)phthalate	3.000	J	1.6	5	ug/L
Q3552-01	MW-4	WATER	1,4-Dioxane	75.800		1	5	ug/L
			Total Svoc :			82.30		
Q3552-01	MW-4	WATER	(Bicyclohexyl)-2-amine *	22.500	J	0	0	ug/L
Q3552-01	MW-4	WATER	2(3H)-Benzothiazolone *	35.500	J	0	0	ug/L
Q3552-01	MW-4	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl *	27.300	J	0	0	ug/L
Q3552-01	MW-4	WATER	Benzenesulfonamide, N-ethyl-4-n *	11.900	J	0	0	ug/L
Q3552-01	MW-4	WATER	Benzoic acid, p-tert-butyl- *	15.500	J	0	0	ug/L
Q3552-01	MW-4	WATER	Cyclohexanamine, N-cyclohexyl- *	14.300	J	0	0	ug/L
Q3552-01	MW-4	WATER	Diethyltoluamide *	16.600	J	0	0	ug/L
Q3552-01	MW-4	WATER	Ibuprofen *	11.800	J	0	0	ug/L
Q3552-01	MW-4	WATER	Morpholine, 4-acetyl- *	11.000	J	0	0	ug/L
Q3552-01	MW-4	WATER	Phenol, 4,4-(1-methylethylidene)b *	15.800	J	0	0	ug/L
Q3552-01	MW-4	WATER	Phenol, p-tert-butyl- *	13.400	J	0	0	ug/L
Q3552-01	MW-4	WATER	Thiophene, tetrahydro- *	24.000	J	0	0	ug/L
Q3552-01	MW-4	WATER	1-Methylnaphthalene *	2.600	J	0.66	5	ug/L
			Total Tics :			222.20		
			Total Concentration:			304.50		
Client ID : MW-8								
Q3552-02	MW-8	WATER	Phenol	5.200		0.91	5	ug/L
Q3552-02	MW-8	WATER	3+4-Methylphenols	28.300		1.1	10	ug/L
Q3552-02	MW-8	WATER	Bis(2-ethylhexyl)phthalate	2.800	J	1.6	5	ug/L
Q3552-02	MW-8	WATER	1,4-Dioxane	10.600		1	5	ug/L
			Total Svoc :			46.90		
Q3552-02	MW-8	WATER	(E)-Hexadec-9-enoic acid *	2.500	J	0	0	ug/L
Q3552-02	MW-8	WATER	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *	2.800	J	0	0	ug/L
Q3552-02	MW-8	WATER	Benzeneacetic acid *	3.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	Benzoic acid, p-tert-butyl- *	3.000	J	0	0	ug/L
Q3552-02	MW-8	WATER	Benzophenone *	4.600	J	0	0	ug/L
Q3552-02	MW-8	WATER	Butanoic acid, 3-methyl- *	3.100	J	0	0	ug/L
Q3552-02	MW-8	WATER	cis-Vaccenic acid *	2.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	Fumaric acid, 2-chloropropyl tride *	5.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	n-Hexadecanoic acid *	16.300	J	0	0	ug/L
Q3552-02	MW-8	WATER	Octadecanoic acid *	3.500	J	0	0	ug/L
Q3552-02	MW-8	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl *	21.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	Supraene *	6.400	J	0	0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3552
Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	74.80				
			Total Concentration:	121.70				
Client ID : MW-9								
Q3552-03	MW-9	WATER	1,4-Dioxane	25.600	1		5	ug/L
			Total Svoc :	25.60				
Q3552-03	MW-9	WATER	2(3H)-Benzothiazolone *	18.000	J	0	0	ug/L
Q3552-03	MW-9	WATER	2-Ethoxy-4-methylphenol *	23.400	J	0	0	ug/L
Q3552-03	MW-9	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl *	35.500	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzenesulfonamide, N-butyl- *	25.800	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzenesulfonamide, N-ethyl-4-n *	9.700	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzoic acid, 3,5-bis(1,1-dimethy *	4.900	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzoic acid, p-tert-butyl- *	5.700	J	0	0	ug/L
Q3552-03	MW-9	WATER	Diethyltoluamide *	14.900	J	0	0	ug/L
Q3552-03	MW-9	WATER	Ethanol, 2-butoxy-, phosphate (3: *	6.400	J	0	0	ug/L
Q3552-03	MW-9	WATER	Hexanoic acid, 3,5,5-trimethyl- *	20.400	J	0	0	ug/L
Q3552-03	MW-9	WATER	Ibuprofen *	77.100	J	0	0	ug/L
Q3552-03	MW-9	WATER	n-Hexadecanoic acid *	11.300	J	0	0	ug/L
Q3552-03	MW-9	WATER	Phenol, 2-ethoxy- *	73.800	J	0	0	ug/L
Q3552-03	MW-9	WATER	Phenol, 4,4-(1-methylethylidene)t *	7.200	J	0	0	ug/L
Q3552-03	MW-9	WATER	Phenol, p-tert-butyl- *	5.100	J	0	0	ug/L
			Total Tics :	339.20				
			Total Concentration:	364.80				
Client ID : MW-10								
Q3552-04	MW-10	WATER	Bis(2-ethylhexyl)phthalate	2.700	J	1.6	5	ug/L
			Total Svoc :	2.70				
Q3552-04	MW-10	WATER	n-Hexadecanoic acid *	6.800	J	0	0	ug/L
Q3552-04	MW-10	WATER	Supraene *	2.200	J	0	0	ug/L
Q3552-04	MW-10	WATER	1-Heneicosanol *	2.600	J	0	0	ug/L
Q3552-04	MW-10	WATER	Benzophenone *	3.200	J	0	0	ug/L
			Total Tics :	14.80				
			Total Concentration:	17.50				
Client ID : MW-3								
Q3552-05	MW-3	WATER	1,4-Dioxane	15.700		1.1	5.3	ug/L
			Total Svoc :	15.70				
Q3552-05	MW-3	WATER	2(3H)-Benzothiazolone *	16.800	J	0	0	ug/L
Q3552-05	MW-3	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl *	6.200	J	0	0	ug/L
Q3552-05	MW-3	WATER	Benzene, 4-(ethylsulfonyl)-1-metl *	6.500	J	0	0	ug/L
Q3552-05	MW-3	WATER	Benzoic acid, p-tert-butyl- *	18.200	J	0	0	ug/L
Q3552-05	MW-3	WATER	Benzophenone *	4.800	J	0	0	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3552
Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Q3552-05	MW-3	WATER	Diethyltoluamide	*	4.000	J 0	0	ug/L
Q3552-05	MW-3	WATER	Diphenyl ether	*	5.200	J 0	0	ug/L
Q3552-05	MW-3	WATER	Hexanoic acid, 3,5,5-trimethyl-	*	6.300	J 0	0	ug/L
Q3552-05	MW-3	WATER	n-Hexadecanoic acid	*	7.500	J 0	0	ug/L
Q3552-05	MW-3	WATER	Phenol, 4,4-(1-methylethylidene)t	*	89.800	J 0	0	ug/L
Total Tics :						165.30		
Total Concentration:						181.00		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170424BL	PB170424BL	2-Fluorophenol	150	138	92		15 (23)	110 (138)
		Phenol-d6	150	133	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	93.5	94		30 (67)	130 (132)
		2-Fluorobiphenyl	100	83.6	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	169	113	*	15 (44)	110 (137)
		Terphenyl-d14	100	89.5	90		30 (42)	130 (152)
PB170424BS	PB170424BS	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	133	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.8	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.1	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	105		15 (44)	110 (137)
		Terphenyl-d14	100	83.6	84		30 (42)	130 (152)
PB170424BSD	PB170424BSD	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	134	90		15 (10)	110 (134)
		Nitrobenzene-d5	100	86.1	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.6	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	155	103		15 (44)	110 (137)
		Terphenyl-d14	100	85.0	85		30 (42)	130 (152)
Q3552-01	MW-4	2-Fluorophenol	150	69.7	46		15 (23)	110 (138)
		Phenol-d6	150	61.6	41		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.9	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.1	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	161	107		15 (44)	110 (137)
		Terphenyl-d14	100	81.1	81		30 (42)	130 (152)
Q3552-02	MW-8	2-Fluorophenol	150	90.6	60		15 (23)	110 (138)
		Phenol-d6	150	74.4	50		15 (10)	110 (134)
		Nitrobenzene-d5	100	102	102		30 (67)	130 (132)
		2-Fluorobiphenyl	100	87.9	88		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	175	117	*	15 (44)	110 (137)
		Terphenyl-d14	100	88.9	89		30 (42)	130 (152)
Q3552-03	MW-9	2-Fluorophenol	150	73.3	49		15 (23)	110 (138)
		Phenol-d6	150	48.7	32		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.0	92		30 (67)	130 (132)
		2-Fluorobiphenyl	100	92.4	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	125	83		15 (44)	110 (137)
		Terphenyl-d14	100	65.7	66		30 (42)	130 (152)
Q3552-04	MW-10	2-Fluorophenol	150	78.2	52		15 (23)	110 (138)
		Phenol-d6	150	62.2	41		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	87.2	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	202	135	*	15 (44)	110 (137)
		Terphenyl-d14	100	95.2	95		30 (42)	130 (152)
Q3552-05	MW-3	2-Fluorophenol	150	73.9	49		15 (23)	110 (138)
		Phenol-d6	150	48.8	33		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.8	95		30 (67)	130 (132)
		2-Fluorobiphenyl	100	98.1	98		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	87		15 (44)	110 (137)
		Terphenyl-d14	100	67.3	67		30 (42)	130 (152)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552

Analytical Method:

8270E

Client: Remington & Vernick Engineers

DataFile:

BP026078.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170424BS	Benzaldehyde	50	32.3	ug/L	65				20 (10)	160 (162)	
	Phenol	50	46.6	ug/L	93				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83				70 (62)	130 (103)	
	2-Chlorophenol	50	47.9	ug/L	96				70 (70)	130 (117)	
	2-Methylphenol	50	48.1	ug/L	96				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	38.4	ug/L	77				70 (65)	130 (100)	
	Acetophenone	50	47.6	ug/L	95				70 (60)	130 (104)	
	3+4-Methylphenols	50	47.9	ug/L	96				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.5	ug/L	89				70 (57)	130 (107)	
	Hexachloroethane	50	43.4	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	44.6	ug/L	89				70 (58)	130 (106)	
	Isophorone	50	44.2	ug/L	88				70 (61)	130 (102)	
	2-Nitrophenol	50	59.5	ug/L	119				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	52.0	ug/L	104				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	50.0	ug/L	100				70 (66)	130 (115)	
	Naphthalene	50	41.9	ug/L	84				70 (64)	130 (107)	
	4-Chloroaniline	50	29.8	ug/L	60		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	42.1	ug/L	84				70 (69)	130 (101)	
	Caprolactam	50	54.1	ug/L	108				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	52.4	ug/L	105				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.6	ug/L	79				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	120	ug/L	120				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	51.4	ug/L	103				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	50.4	ug/L	101				70 (70)	130 (106)	
	1,1-Biphenyl	50	46.8	ug/L	94				70 (72)	130 (98)	
	2-Chloronaphthalene	50	41.3	ug/L	83				70 (59)	130 (106)	
	2-Nitroaniline	50	49.0	ug/L	98				70 (73)	130 (114)	
	Dimethylphthalate	50	46.9	ug/L	94				70 (64)	130 (103)	
	Acenaphthylene	50	50.0	ug/L	100				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	53.2	ug/L	106				70 (64)	130 (110)	
	3-Nitroaniline	50	38.2	ug/L	76				70 (28)	130 (100)	
	Acenaphthene	50	40.5	ug/L	81				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	110	ug/L	110				20 (36)	160 (166)	
	4-Nitrophenol	100	110	ug/L	110				20 (45)	160 (147)	
	Dibenzofuran	50	43.9	ug/L	88				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	53.2	ug/L	106				70 (60)	130 (115)	
	Diethylphthalate	50	47.7	ug/L	95				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	44.2	ug/L	88				70 (61)	130 (104)	
	Fluorene	50	45.1	ug/L	90				70 (64)	130 (107)	
	4-Nitroaniline	50	53.1	ug/L	106				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	57.8	ug/L	116				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	43.3	ug/L	87				70 (73)	130 (103)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552

Analytical Method: 8270E

Client: Remington & Vernick Engineers

DataFile: BP026078.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170424BS	Hexachlorobenzene	50	44.3	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	50.8	ug/L	102				70 (76)	130 (120)	
	Pentachlorophenol	100	120	ug/L	120				20 (47)	160 (114)	
	Phenanthrene	50	43.1	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	44.3	ug/L	89				70 (65)	130 (110)	
	Carbazole	50	45.9	ug/L	92				70 (62)	130 (106)	
	Di-n-butylphthalate	50	49.2	ug/L	98				70 (64)	130 (106)	
	Fluoranthene	50	46.3	ug/L	93				70 (64)	130 (110)	
	Pyrene	50	43.7	ug/L	87				70 (71)	130 (103)	
	Butylbenzylphthalate	50	52.6	ug/L	105				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	39.4	ug/L	79				70 (43)	130 (108)	
	Benzo(a)anthracene	50	44.1	ug/L	88				70 (62)	130 (107)	
	Chrysene	50	42.8	ug/L	86				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	48.9	ug/L	98				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	58.0	ug/L	116				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	47.0	ug/L	94				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	45.4	ug/L	91				70 (77)	130 (105)	
	Benzo(a)pyrene	50	48.9	ug/L	98				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	48.3	ug/L	97				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	49.0	ug/L	98				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.7	ug/L	89				70 (72)	130 (101)	
	1,4-Dioxane	50	33.5	ug/L	67				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	57.8	ug/L	116				70 (63)	130 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552

Analytical Method:

8270E

Client: Remington & Vernick Engineers

DataFile:

BP026079.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170424BSD	Benzaldehyde	50	32.9	ug/L	66	2			20 (10)	160 (162)	20 (20)
	Phenol	50	47.0	ug/L	94	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83	0			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	48.7	ug/L	97	2			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	49.2	ug/L	98	2			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	39.3	ug/L	79	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	47.3	ug/L	95	1			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	49.0	ug/L	98	2			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	45.4	ug/L	91	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.7	ug/L	87	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	44.5	ug/L	89	0			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.9	ug/L	88	1			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	60.8	ug/L	122	2			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	51.8	ug/L	104	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.5	ug/L	87	0			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	50.6	ug/L	101	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	41.9	ug/L	84	0			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	29.5	ug/L	59	1	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	42.0	ug/L	84	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	53.5	ug/L	107	1			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	52.7	ug/L	105	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	39.9	ug/L	80	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	52.0	ug/L	104	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	51.3	ug/L	103	2			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	46.7	ug/L	93	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	41.1	ug/L	82	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	49.7	ug/L	99	1			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	47.1	ug/L	94	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	48.6	ug/L	97	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	53.9	ug/L	108	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	38.7	ug/L	77	1			70 (28)	130 (100)	20 (20)
	Acenaphthene	50	40.9	ug/L	82	1			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	110	ug/L	110	0			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	100	ug/L	100	10			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	43.6	ug/L	87	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	52.4	ug/L	105	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	47.6	ug/L	95	0			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	43.7	ug/L	87	1			70 (61)	130 (104)	20 (20)
	Fluorene	50	44.1	ug/L	88	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	51.9	ug/L	104	2			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	59.5	ug/L	119	3			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	43.9	ug/L	88	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	44.1	ug/L	88	2			70 (73)	130 (103)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3552</u>	Analytical Method: <u>8270E</u>
Client: <u>Remington & Vernick Engineers</u>	DataFile: <u>BP026079.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170424BSD	Hexachlorobenzene	50	44.4	ug/L	89	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	50.4	ug/L	101	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	120	ug/L	120	0			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	42.3	ug/L	85	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.3	ug/L	89	0			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.5	ug/L	89	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	49.1	ug/L	98	0			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	44.8	ug/L	90	3			70 (64)	130 (110)	20 (20)
	Pyrene	50	45.2	ug/L	90	3			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	53.9	ug/L	108	2			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	39.9	ug/L	80	1			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	43.5	ug/L	87	1			70 (62)	130 (107)	20 (20)
	Chrysene	50	43.8	ug/L	88	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	50.1	ug/L	100	2			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	59.3	ug/L	119	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	47.1	ug/L	94	0			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.2	ug/L	90	0			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	48.2	ug/L	96	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	47.1	ug/L	94	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	48.0	ug/L	96	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	49.0	ug/L	98	0			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.4	ug/L	91	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	32.9	ug/L	66	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	57.8	ug/L	116	0			70 (63)	130 (116)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170424BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3552

Lab File ID: BP026077.D

Lab Sample ID: PB170424BL

Instrument ID: BNA_P

Date Extracted: 11/06/2025

Matrix: (soil/water) Water

Date Analyzed: 11/06/2025

Level: (low/med) LOW

Time Analyzed: 14:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170424BS	PB170424BS	BP026078.D	11/06/2025
PB170424BSD	PB170424BSD	BP026079.D	11/06/2025
MW-4	Q3552-01	BP026086.D	11/06/2025
MW-8	Q3552-02	BP026087.D	11/06/2025
MW-10	Q3552-04	BP026088.D	11/06/2025
MW-9	Q3552-03	BF144193.D	11/06/2025
MW-3	Q3552-05	BF144194.D	11/06/2025

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: REMI02
SDG NO.: Q3552
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144179.D
Instrument ID: BNA_F

Contract: REMI02
SDG NO.: Q3552
DFTPP Injection Date: 11/06/2025
DFTPP Injection Time: 10:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.4) 1
69	Mass 69 relative abundance	23.2
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144180.D	11/06/2025	11:13
MW-9	Q3552-03	BF144193.D	11/06/2025	17:53
MW-3	Q3552-05	BF144194.D	11/06/2025	18:23



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026027.D
Instrument ID: BNA_P

Contract: REMI02
SDG NO.: Q3552
DFTPP Injection Date: 10/29/2025
DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026075.D
Instrument ID: BNA_P

Contract: REMI02
SDG NO.: Q3552
DFTPP Injection Date: 11/06/2025
DFTPP Injection Time: 12:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026076.D	11/06/2025	13:25
PB170424BL	PB170424BL	BP026077.D	11/06/2025	14:13
PB170424BS	PB170424BS	BP026078.D	11/06/2025	14:54
PB170424BSD	PB170424BSD	BP026079.D	11/06/2025	15:35
MW-4	Q3552-01	BP026086.D	11/06/2025	21:11
MW-8	Q3552-02	BP026087.D	11/06/2025	21:52
MW-10	Q3552-04	BP026088.D	11/06/2025	22:33

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3552

Client ID : SSTDCCC040

Date Analyzed: 11/06/2025

Lab File ID: BF144180.D

Time Analyzed: 11:13

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	77162	6.875	299960	8.16	175155	9.92
UPPER LIMIT	154324	7.375	599920	8.657	350310	10.416
LOWER LIMIT	38581	6.375	149980	7.657	87577.5	9.416
EPA SAMPLE NO.						
01 MW-9	61143	6.88	221818	8.16	112288	9.91
02 MW-3	58210	6.88	208798	8.16	105364	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3552

Client ID: SSTDCCC040

Date Analyzed: 11/06/2025

Lab File ID: BF144180.D

Time Analyzed: 11:13

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	301670	11.404	184652	14.057	216041	15.539
UPPER LIMIT	603340	11.904	369304	14.557	432082	16.039
LOWER LIMIT	150835	10.904	92326	13.557	108021	15.039
EPA SAMPLE NO.						
01 MW-9	175620	11.40	162091	14.05	216815	15.54
02 MW-3	159603	11.40	155174	14.05	204734	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3552

Client ID : SSTDCCC040

Date Analyzed: 11/06/2025

Lab File ID: BP026076.D

Time Analyzed: 13:25

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	311598	7.684	1312780	10.45	873597	14.33
UPPER LIMIT	623196	8.184	2625560	10.954	1747190	14.825
LOWER LIMIT	155799	7.184	656390	9.954	436799	13.825
EPA SAMPLE NO.						
01 MW-8	313208	7.68	1217180	10.44	747328	14.31
02 MW-10	220839	7.68	864710	10.45	581288	14.31
03 PB170424BL	281412	7.66	1090240	10.44	699934	14.31
04 PB170424BS	267481	7.68	1101030	10.45	743151	14.32
05 PB170424BSD	300293	7.68	1260020	10.45	853804	14.33
06 MW-4	263143	7.68	1061170	10.45	711488	14.31

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3552

Client ID: SSTDCCC040

Date Analyzed: 11/06/2025

Lab File ID: BP026076.D

Time Analyzed: 13:25

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1797850	17.142	1874910	21.583	2126000	24.918
UPPER LIMIT	3595700	17.642	3749820	22.083	4252000	25.418
LOWER LIMIT	898925	16.642	937455	21.083	1063000	24.418
EPA SAMPLE NO.						
01 MW-8	1494850	17.11	1682260	21.57	2021320	24.89
02 MW-10	1390890	17.12	1683440	21.57	1911690	24.89
03 PB170424BL	1528540	17.14	1747810	21.59	1979390	24.94
04 PB170424BS	1605700	17.14	1768370	21.59	1900240	24.92
05 PB170424BSD	1821990	17.13	1872000	21.57	1998600	24.90
06 MW-4	1575920	17.12	1759260	21.56	2005540	24.89

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25
Project: Edison Landfill	Date Received: 11/05/25
Client Sample ID: MW-4	SDG No.: Q3552
Lab Sample ID: Q3552-01	Matrix: Water
Analytical Method: 8270E	% Solid: 0
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20
Prep Method : 3510C	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 21:11	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 21:11	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 21:11	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 21:11	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:11	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:11	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 21:11	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 21:11	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 21:11	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 21:11	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 21:11	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:11	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 21:11	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:11	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:11	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:11	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:11	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 21:11	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 21:11	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 21:11	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:11	PB170424
91-57-6	2-Methylnaphthalene	3.50	J	1	0.56	5.00	ug/L	11/06/25 21:11	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 21:11	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 21:11	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 21:11	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 21:11	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:11	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:11	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 21:11	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:11	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:11	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 21:11	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 21:11	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:11	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:11	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:11	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 21:11	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 21:11	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 21:11	PB170424



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/05/25
Client Sample ID:	MW-4		SDG No.:	Q3552
Lab Sample ID:	Q3552-01		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 21:11	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 21:11	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:11	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 21:11	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 21:11	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:11	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:11	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:11	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 21:11	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:11	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:11	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 21:11	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 21:11	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 21:11	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.60	5.00	ug/L	11/06/25 21:11	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 21:11	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 21:11	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 21:11	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:11	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:11	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 21:11	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:11	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:11	PB170424
123-91-1	1,4-Dioxane	75.8		1	1.00	5.00	ug/L	11/06/25 21:11	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:11	PB170424

SURROGATES

367-12-4	2-Fluorophenol	69.7		15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	61.6		15 (10) - 110 (134)	41%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.9		30 (67) - 130 (132)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.1		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		15 (44) - 110 (137)	107%	SPK: 150
1718-51-0	Terphenyl-d14	81.1		30 (42) - 130 (152)	81%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	263000
1146-65-2	Naphthalene-d8	1060000
15067-26-2	Acenaphthene-d10	711000
1517-22-2	Phenanthrene-d10	1580000
1719-03-5	Chrysene-d12	1760000
1520-96-3	Perylene-d12	2010000

TENTATIVE IDENTIFIED COMPOUNDS

000110-01-0	Thiophene, tetrahydro-	24.0	J	4.48	ug/L
001696-20-4	Morpholine, 4-acetyl-	11.0	J	10.4	ug/L



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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000098-54-4	Phenol, p-tert-butyl-	13.4	J			11.8	ug/L		
90-12-0	1-Methylnaphthalene	2.60	J			12.3	ug/L		
000101-83-7	Cyclohexanamine, N-cyclohexyl-	14.3	J			13.6	ug/L		
006283-14-3	(Bicyclohexyl)-2-amine	22.5	J			13.7	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	15.5	J			14.1	ug/L		
000134-62-3	Diethyltoluamide	16.6	J			15.1	ug/L		
015687-27-1	Ibuprofen	11.8	J			15.4	ug/L		
000934-34-9	2(3H)-Benzothiazolone	35.5	J			16.0	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	11.9	J			16.4	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	27.3	J			18.3	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	15.8	J			19.7	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026086.D
 Acq On : 06 Nov 2025 21:11
 Operator : RC/JU
 Sample : Q3552-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-4

Quant Time: Nov 07 01:03:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

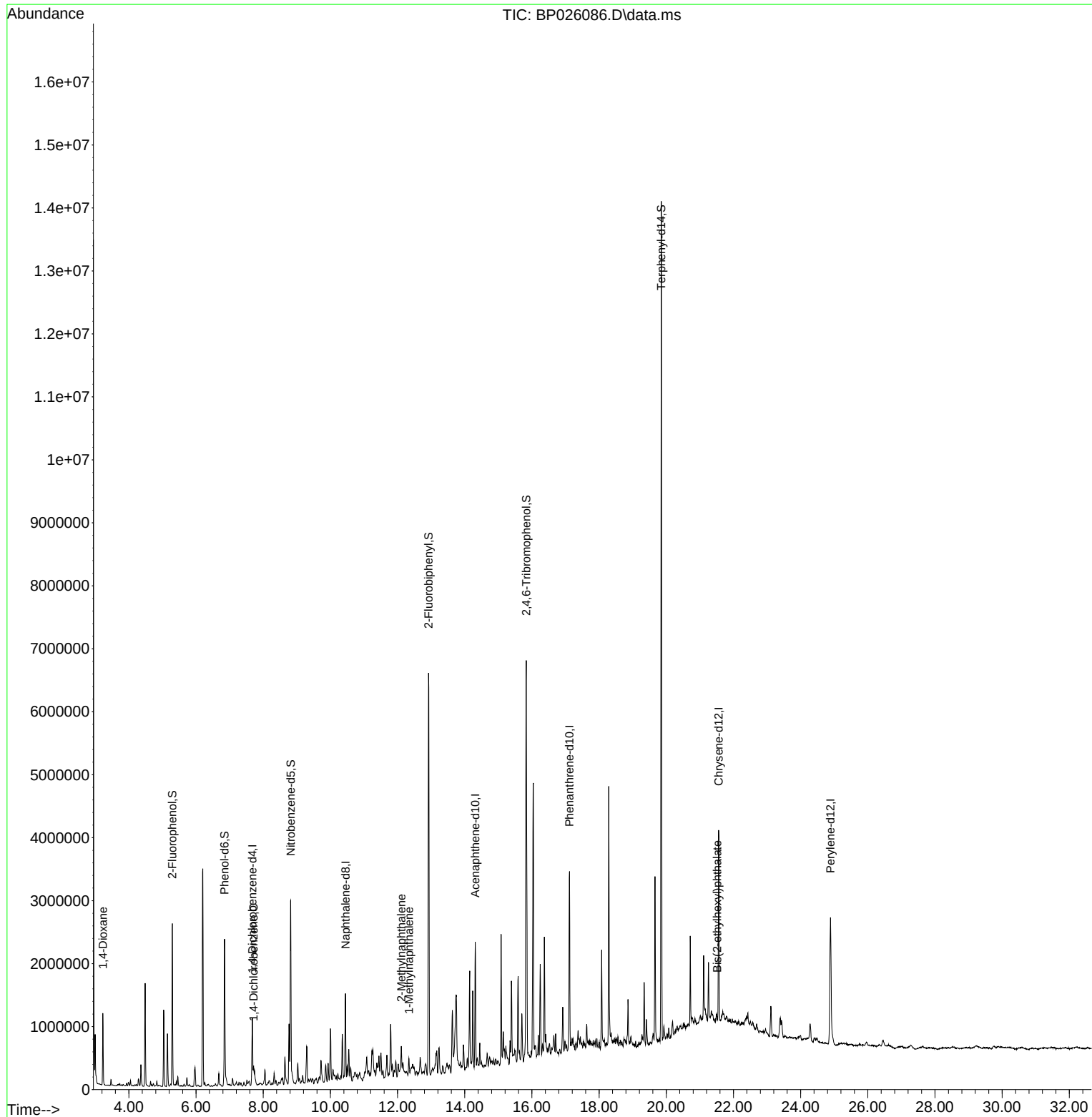
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	263143	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	1061171	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	711488	20.000	ng	0.00
64) Phenanthrene-d10	17.118	188	1575922	20.000	ng	0.00
76) Chrysene-d12	21.559	240	1759255	20.000	ng	0.00
86) Perylene-d12	24.889	264	2005536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1112229	69.745	ng	0.00
7) Phenol-d6	6.848	99	1250505	61.609	ng	0.00
23) Nitrobenzene-d5	8.819	82	1581683	92.918	ng	0.00
42) 2,4,6-Tribromophenol	15.830	330	1239774	161.180	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3816364	77.075	ng	0.00
79) Terphenyl-d14	19.854	244	7024653	81.125	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	509351	75.765	ng	97
13) 1,4-Dichlorobenzene	7.713	146	132039	6.440	ng	98
37) 2-Methylnaphthalene	12.113	142	140160	3.461	ng	98
38) 1-Methylnaphthalene	12.336	142	103818	2.638	ng	# 99
84) Bis(2-ethylhexyl)phtha...	21.512	149	29404	2.989	ng	# 86

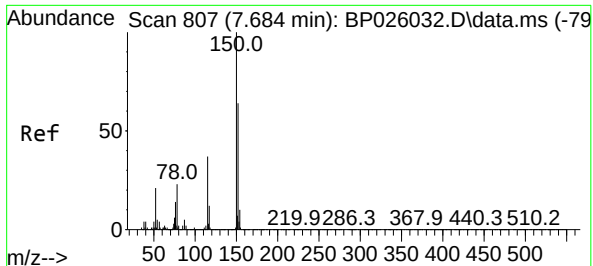
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Time: Nov 07 01:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

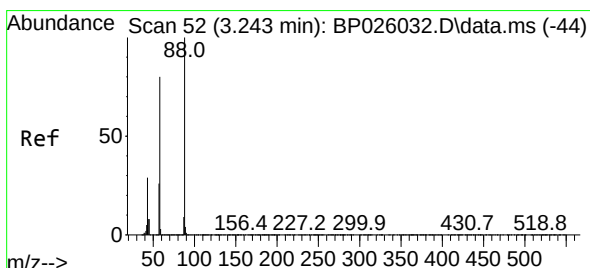
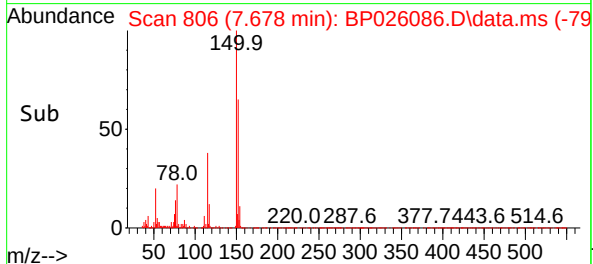
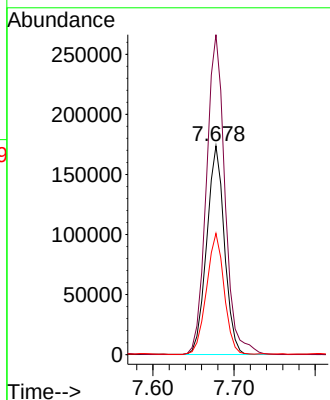
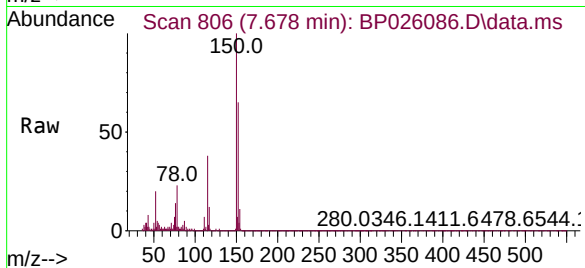




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

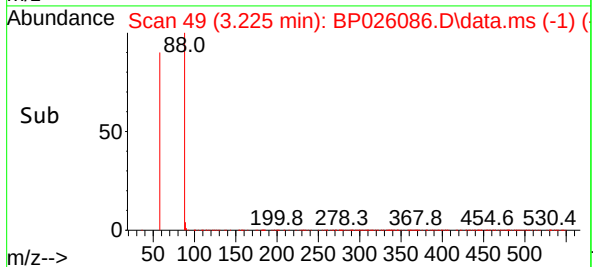
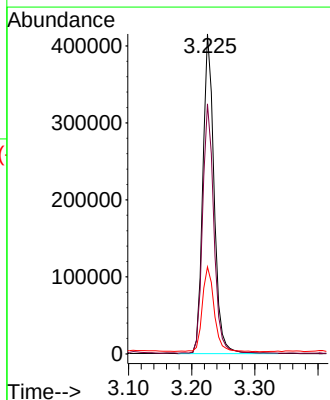
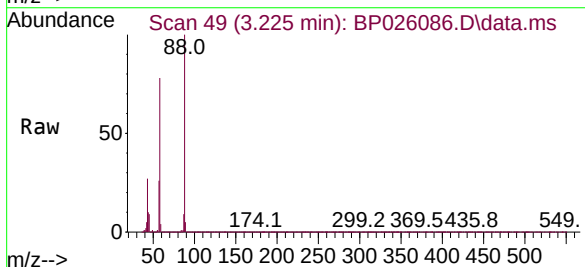
Instrument :
BNA_P
ClientSampleId :
MW-4

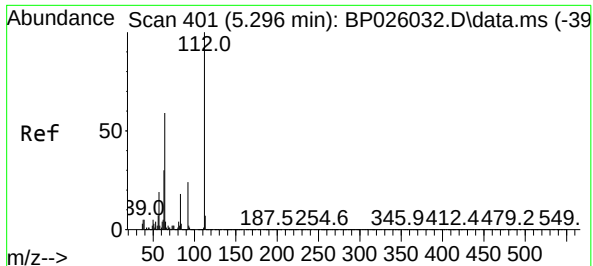
Tgt Ion:152 Resp: 263143
Ion Ratio Lower Upper
152 100
150 153.3 125.7 188.5
115 58.1 46.4 69.6



#2
1,4-Dioxane
Concen: 75.765 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion: 88 Resp: 509351
Ion Ratio Lower Upper
88 100
58 78.6 65.4 98.0
43 28.1 23.1 34.7

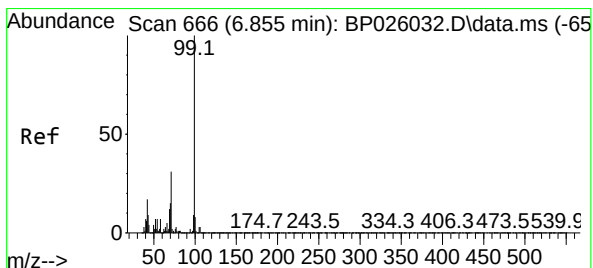
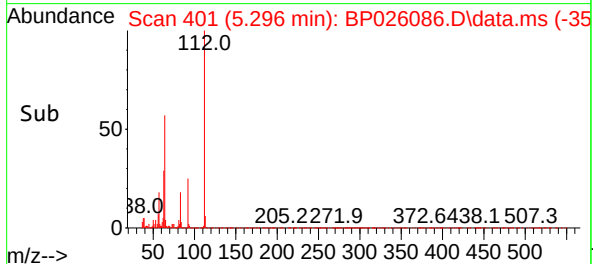
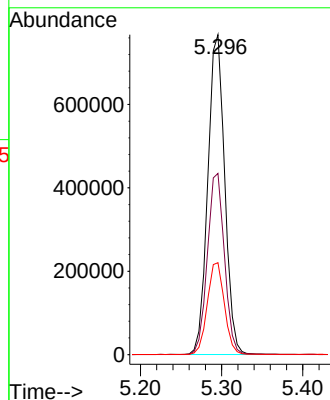
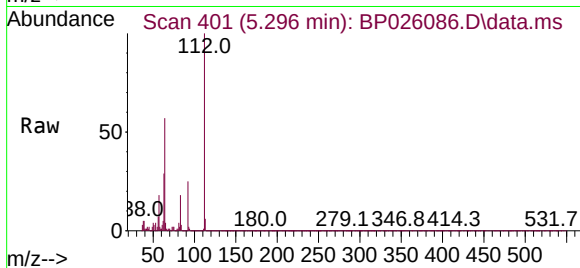




#5
2-Fluorophenol
Concen: 69.745 ng
RT: 5.296 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

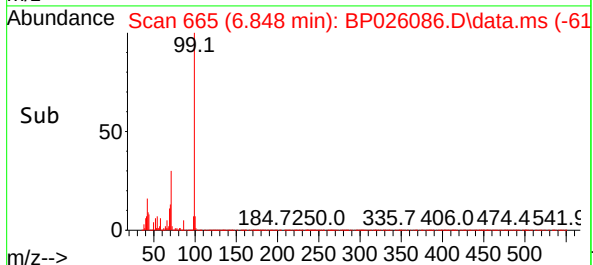
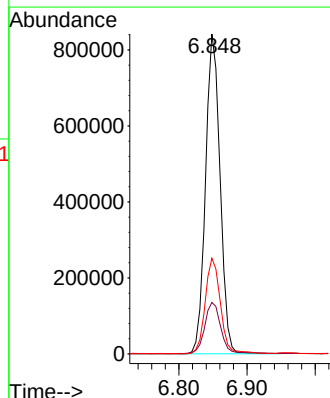
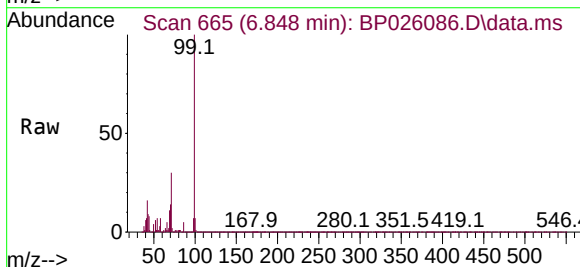
Instrument :
BNA_P
ClientSampleId :
MW-4

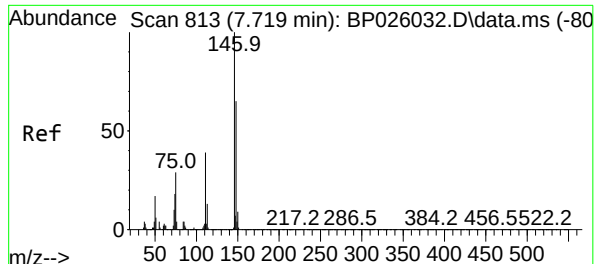
Tgt Ion:112 Resp: 1112229
Ion Ratio Lower Upper
112 100
64 56.6 47.4 71.2
63 28.7 24.2 36.4



#7
Phenol-d6
Concen: 61.609 ng
RT: 6.848 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion: 99 Resp: 1250505
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 29.9 24.4 36.6





#13

1,4-Dichlorobenzene

Concen: 6.440 ng

RT: 7.713 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP026086.D

Acq: 06 Nov 2025 21:11

Instrument :

BNA_P

ClientSampleId :

MW-4

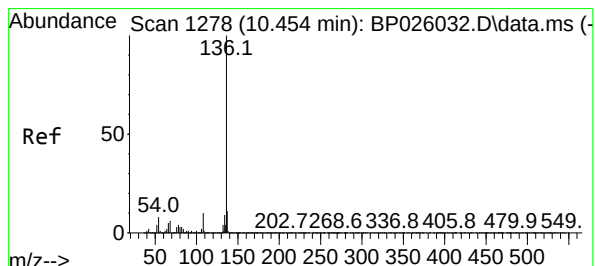
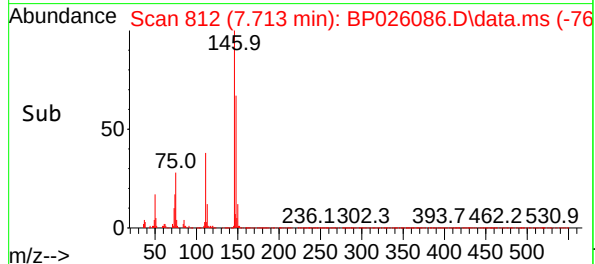
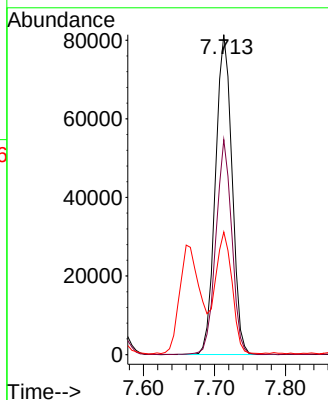
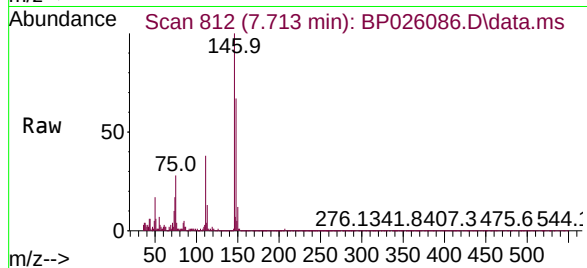
Tgt Ion:146 Resp: 132039

Ion Ratio Lower Upper

146 100

148 67.2 52.2 78.2

111 38.3 31.3 46.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.448 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BP026086.D

Acq: 06 Nov 2025 21:11

Tgt Ion:136 Resp: 1061171

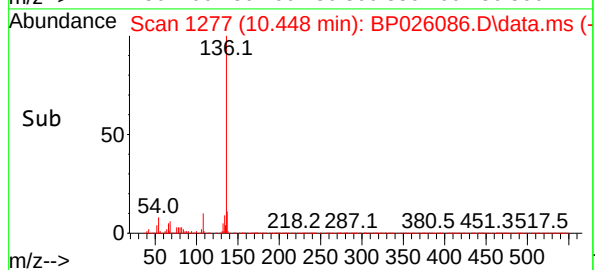
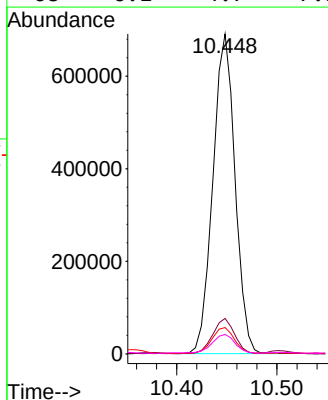
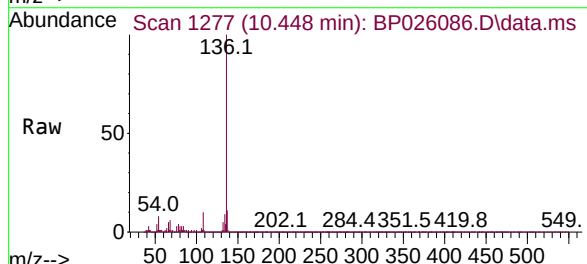
Ion Ratio Lower Upper

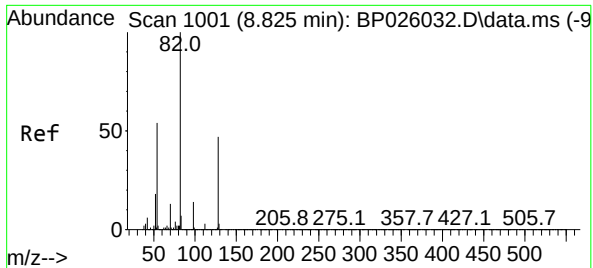
136 100

137 11.1 8.8 13.2

54 8.2 6.6 10.0

68 6.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 92.918 ng

RT: 8.819 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP026086.D

Acq: 06 Nov 2025 21:11

Instrument :

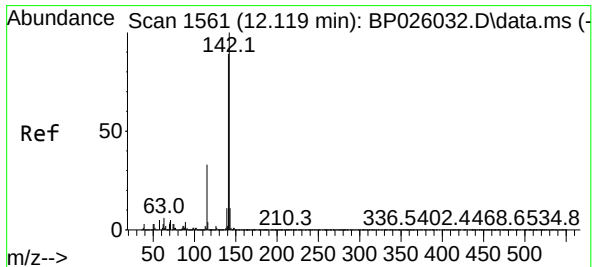
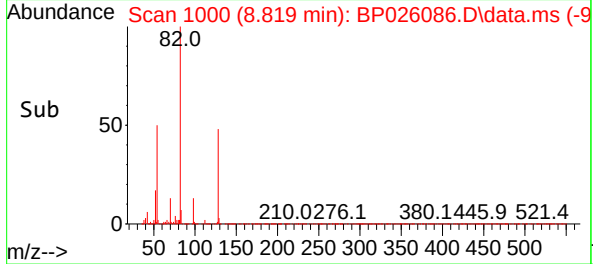
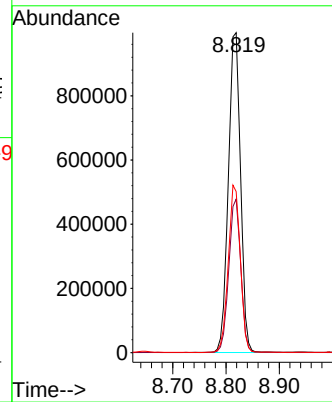
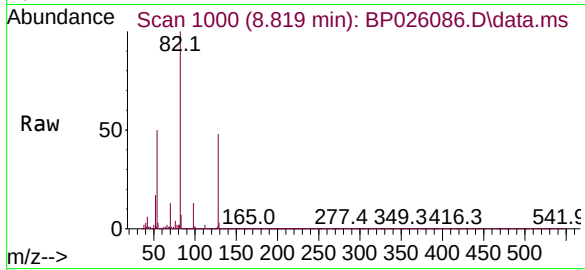
BNA_P

ClientSampleId :

MW-4

Tgt Ion: 82 Resp: 1581683

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.0
54	50.3	42.7	64.1



#37

2-Methylnaphthalene

Concen: 3.461 ng

RT: 12.113 min Scan# 1560

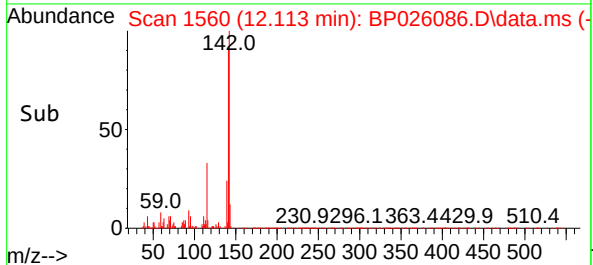
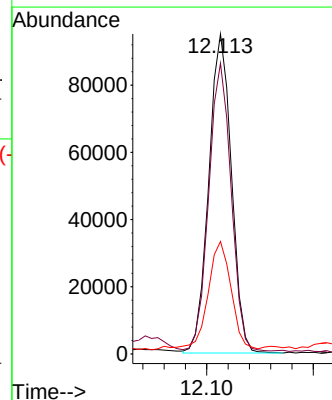
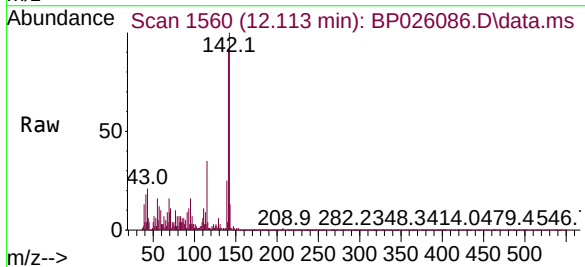
Delta R.T. -0.000 min

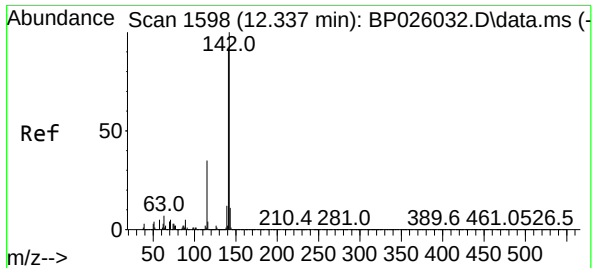
Lab File: BP026086.D

Acq: 06 Nov 2025 21:11

Tgt Ion: 142 Resp: 140160

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	35.1	26.6	39.8





#38

1-Methylnaphthalene

Concen: 2.638 ng

RT: 12.336 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BP026086.D

Acq: 06 Nov 2025 21:11

Instrument :

BNA_P

ClientSampleId :

MW-4

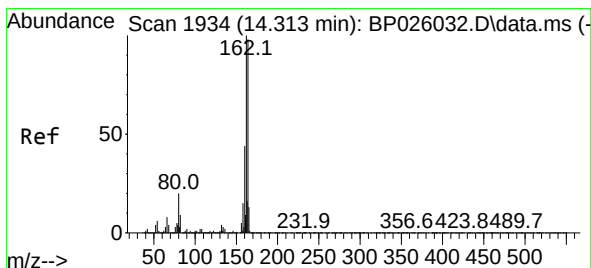
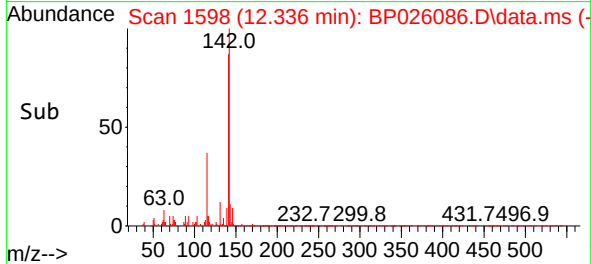
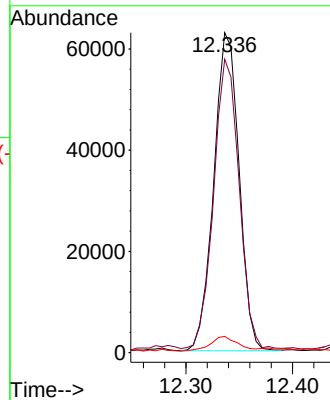
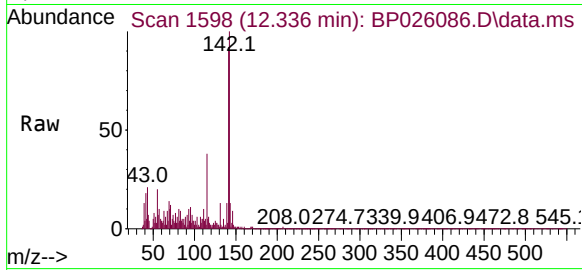
Tgt Ion:142 Resp: 103818

Ion Ratio Lower Upper

142 100

141 91.7 72.7 109.1

116 5.1 2.9 4.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026086.D

Acq: 06 Nov 2025 21:11

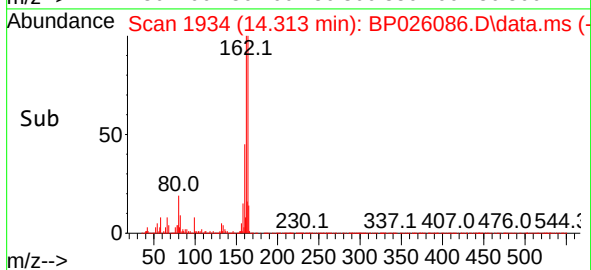
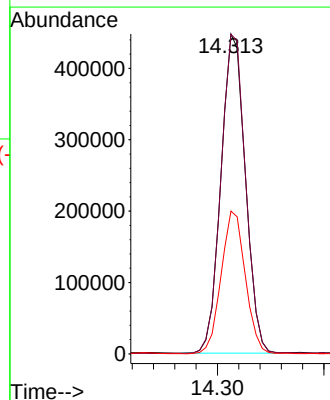
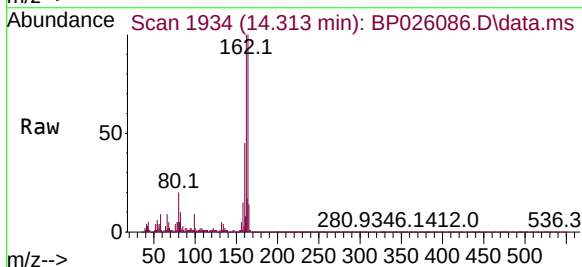
Tgt Ion:164 Resp: 711488

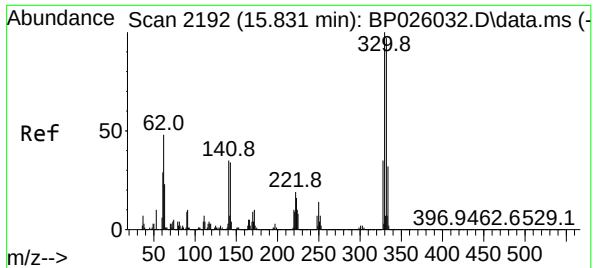
Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.6 36.2 54.4

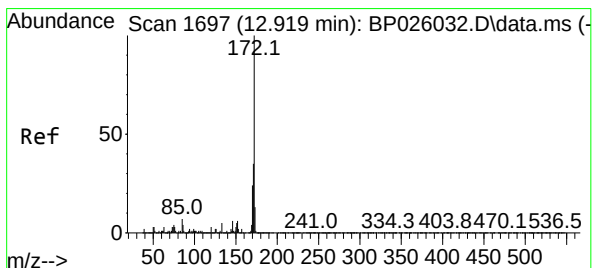
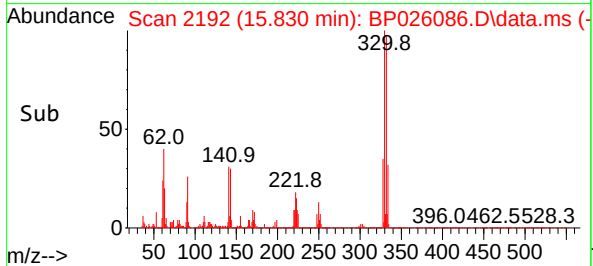
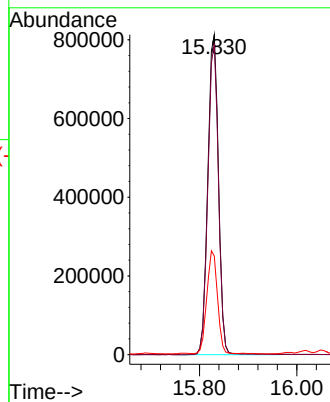
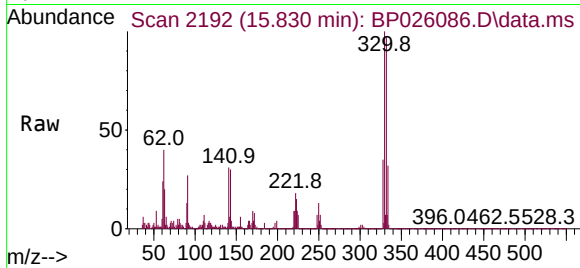




#42
2,4,6-Tribromophenol
Concen: 161.180 ng
RT: 15.830 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

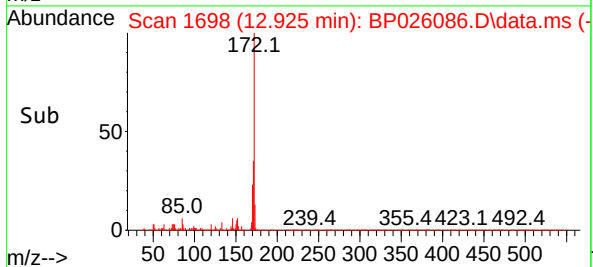
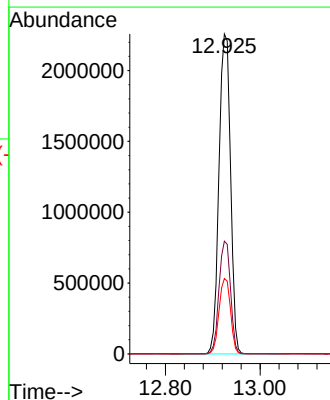
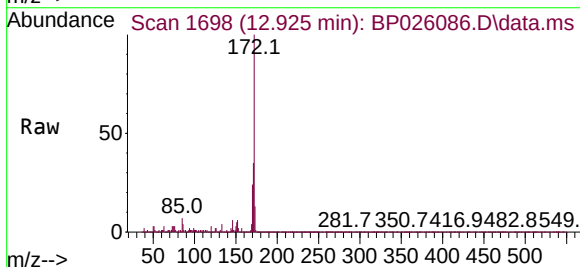
Instrument :
BNA_P
ClientSampleId :
MW-4

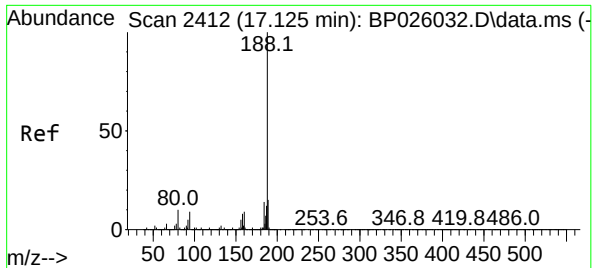
Tgt Ion:330 Resp: 1239774
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 32.0 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 77.075 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:172 Resp: 3816364
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 19.0 28.4

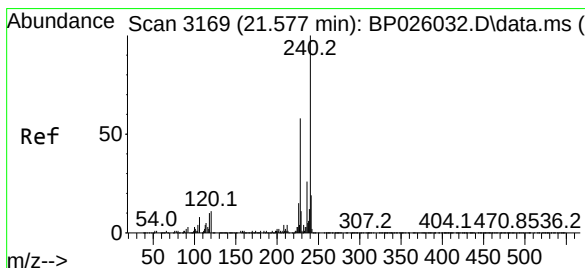
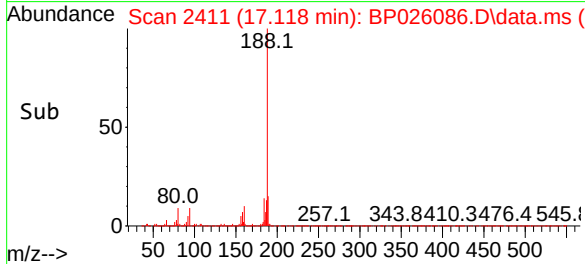
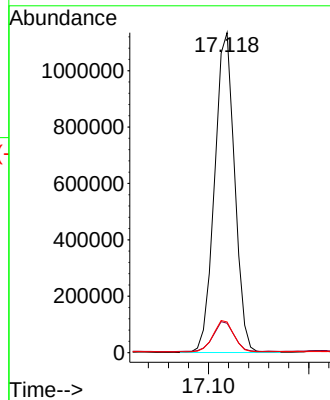
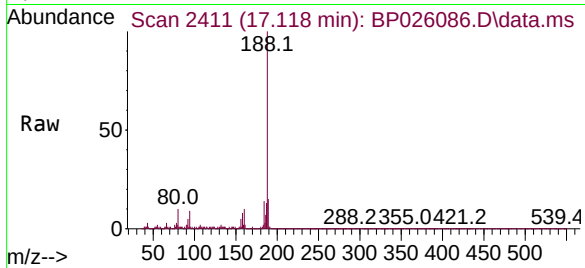




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

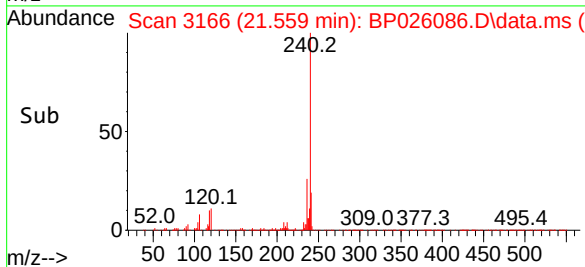
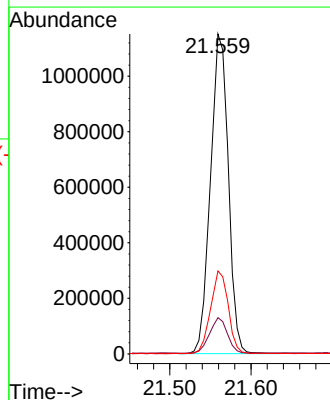
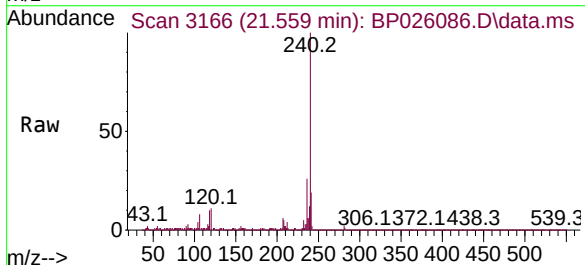
Instrument :
BNA_P
ClientSampleId :
MW-4

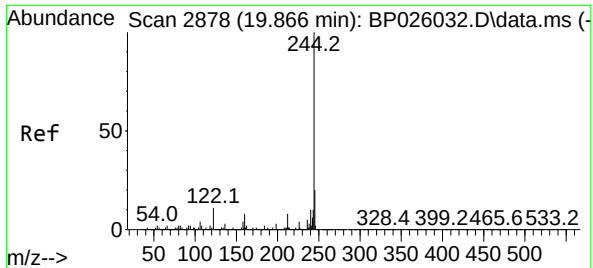
Tgt Ion:188 Resp: 1575922
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3166
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:240 Resp: 1759255
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.9 20.6 31.0

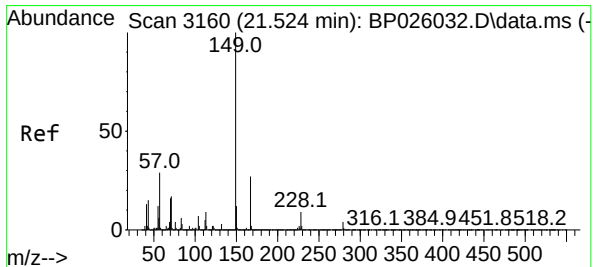
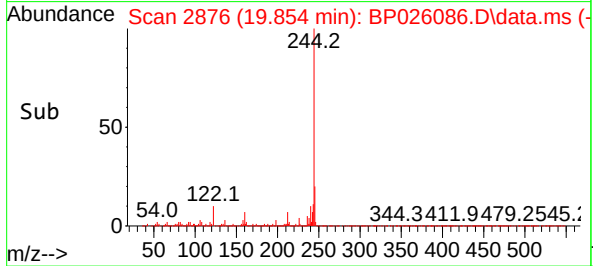
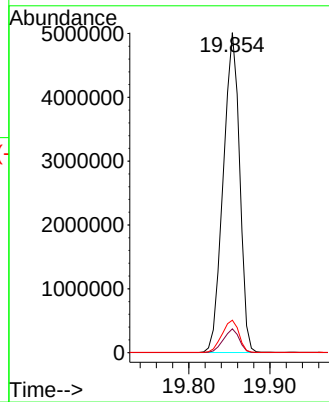
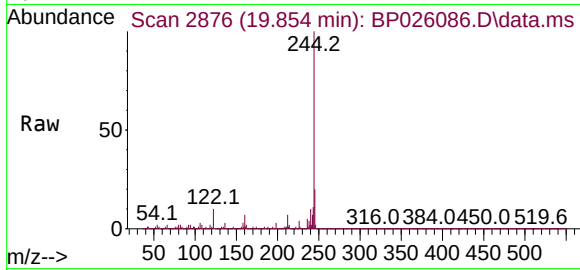




#79
 Terphenyl-d14
 Concen: 81.125 ng
 RT: 19.854 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP026086.D
 Acq: 06 Nov 2025 21:11

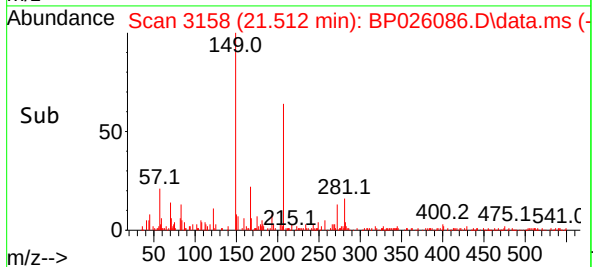
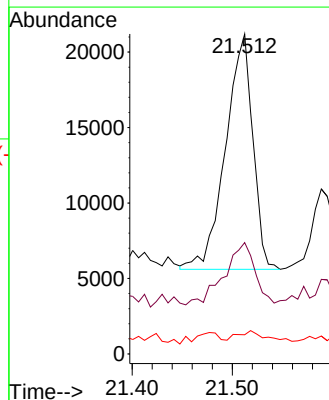
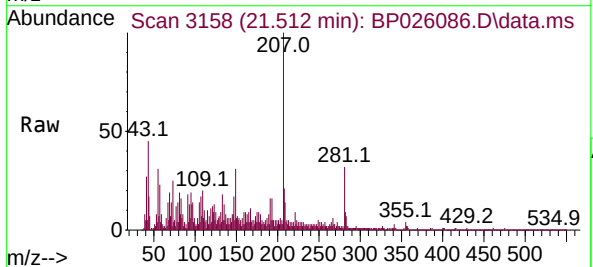
Instrument :
 BNA_P
 ClientSampleId :
 MW-4

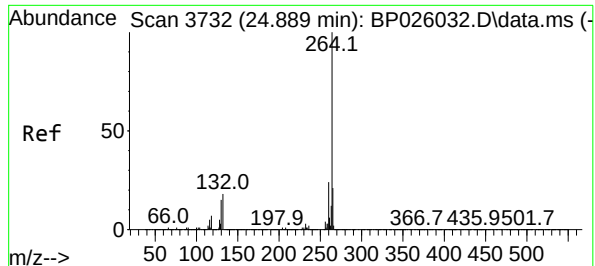
Tgt Ion:244 Resp: 7024653
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.1 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.989 ng
 RT: 21.512 min Scan# 3158
 Delta R.T. -0.006 min
 Lab File: BP026086.D
 Acq: 06 Nov 2025 21:11

Tgt Ion:149 Resp: 29404
 Ion Ratio Lower Upper
 149 100
 167 34.8 21.5 32.3#
 279 6.0 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.889 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026086.D

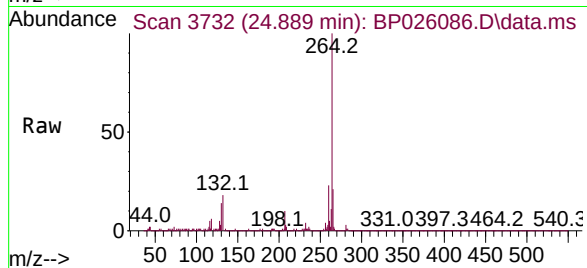
Acq: 06 Nov 2025 21:11

Instrument :

BNA_P

ClientSampleId :

MW-4



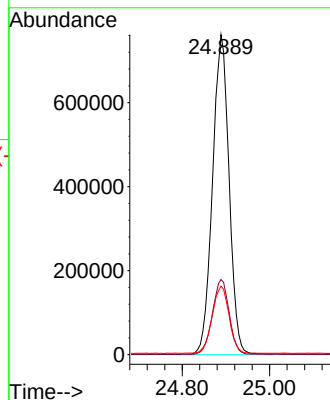
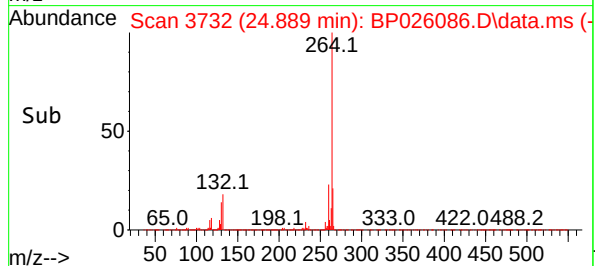
Tgt Ion:264 Resp: 2005536

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.4 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026086.D
 Acq On : 06 Nov 2025 21:11
 Operator : RC/JU
 Sample : Q3552-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.996	7	10	21	rVB	780695	1090754	5.88%	0.633%
2	3.225	44	49	65	rVB	1145865	1449890	7.81%	0.842%
3	4.284	224	229	236	rBV3	108310	196432	1.06%	0.114%
4	4.360	236	242	253	rVB2	344848	543043	2.93%	0.315%
5	4.484	257	263	279	rBV	1637355	2374547	12.80%	1.379%
6	5.037	349	357	364	rBV	1216096	1748815	9.42%	1.015%
7	5.148	370	376	384	rBV	840152	1293541	6.97%	0.751%
8	5.296	395	401	410	rVB	2570325	3802989	20.49%	2.208%
9	5.454	425	428	436	rVB	148375	208583	1.12%	0.121%
10	5.731	466	475	481	rBV	136338	235592	1.27%	0.137%
11	5.972	507	516	524	rBV2	303661	717179	3.86%	0.416%
12	6.201	548	555	562	rBV	3454531	5238881	28.23%	3.042%
13	6.678	627	636	642	rBV	199588	351461	1.89%	0.204%
14	6.848	656	665	683	rBV	2337839	4235177	22.82%	2.459%
15	7.090	699	706	715	rVB2	113388	211962	1.14%	0.123%
16	7.678	797	806	810	rBV	1070623	1981626	10.68%	1.151%
17	7.742	815	817	831	rVB3	230020	459590	2.48%	0.267%
18	8.048	856	869	875	rVB	246572	534393	2.88%	0.310%
19	8.325	910	916	921	rBV2	180276	314828	1.70%	0.183%
20	8.648	964	971	985	rBV2	434170	992541	5.35%	0.576%
21	8.772	985	992	995	rBV2	957756	1645606	8.87%	0.956%
22	8.819	995	1000	1005	rVB	2719919	4147837	22.35%	2.409%
23	9.031	1030	1036	1040	rVV	282853	471510	2.54%	0.274%
24	9.178	1056	1061	1066	rVB3	118855	200502	1.08%	0.116%
25	9.295	1072	1081	1087	rBV	582450	1196629	6.45%	0.695%
26	9.466	1105	1110	1117	rVB5	83846	207125	1.12%	0.120%
27	9.672	1136	1145	1148	rBV5	103849	260227	1.40%	0.151%
28	9.719	1148	1153	1168	rVB5	346796	801677	4.32%	0.466%
29	9.860	1169	1177	1184	rBV2	271513	566618	3.05%	0.329%
30	9.931	1184	1189	1195	rBV	286977	505966	2.73%	0.294%
31	10.001	1195	1201	1209	rBV	817594	1460083	7.87%	0.848%
32	10.078	1210	1214	1220	rBV	157288	314968	1.70%	0.183%
33	10.354	1256	1261	1267	rBV	692327	1158892	6.25%	0.673%
34	10.448	1271	1277	1282	rVV	1355653	2099618	11.32%	1.219%
35	10.501	1282	1286	1289	rVV2	221747	355347	1.92%	0.206%
36	10.548	1289	1294	1299	rVV	489834	867603	4.68%	0.504%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026086.D
 Acq On : 06 Nov 2025 21:11
 Operator : RC/JU
 Sample : Q3552-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.607	1299	1304	1310	rVB5	212674	432595	2.33%	0.251%
38	11.083	1378	1385	1390	rVB3	272570	608559	3.28%	0.353%
39	11.236	1405	1411	1413	rBV4	396923	718462	3.87%	0.417%
40	11.383	1430	1436	1439	rBV5	201308	417092	2.25%	0.242%
41	11.442	1443	1446	1451	rVV2	305703	504120	2.72%	0.293%
42	11.507	1451	1457	1462	rVB	346783	706861	3.81%	0.410%
43	11.683	1480	1487	1494	rVB2	332298	600681	3.24%	0.349%
44	11.795	1499	1506	1511	rVV	799496	1410519	7.60%	0.819%
45	11.842	1512	1514	1519	rVB4	192856	287475	1.55%	0.167%
46	11.901	1519	1524	1527	rBV4	105020	198278	1.07%	0.115%
47	11.948	1527	1532	1538	rVB3	253520	505108	2.72%	0.293%
48	12.025	1539	1545	1549	rBV3	196964	431211	2.32%	0.250%
49	12.113	1555	1560	1564	rBV	344322	472611	2.55%	0.274%
50	12.336	1593	1598	1603	rBV2	269797	462453	2.49%	0.269%
51	12.672	1651	1655	1664	rVB3	263690	549857	2.96%	0.319%
52	12.842	1676	1684	1690	rVB6	179799	532569	2.87%	0.309%
53	12.925	1691	1698	1708	rVB	6383933	10849075	58.47%	6.300%
54	13.142	1732	1735	1737	rBV2	192557	240216	1.29%	0.139%
55	13.236	1744	1751	1762	rVB4	416533	1019999	5.50%	0.592%
56	13.342	1766	1769	1777	rVB6	116879	245800	1.32%	0.143%
57	13.472	1781	1791	1793	rBV6	152786	404074	2.18%	0.235%
58	13.630	1811	1818	1824	rBV	999491	2273077	12.25%	1.320%
59	13.736	1827	1836	1845	rVB2	1068477	3586071	19.33%	2.082%
60	13.960	1870	1874	1881	rVB2	400032	722965	3.90%	0.420%
61	14.077	1890	1894	1898	rBV3	146124	220193	1.19%	0.128%
62	14.148	1898	1906	1913	rVV	1528007	2472066	13.32%	1.435%
63	14.236	1916	1921	1928	rVB2	1213952	1917620	10.33%	1.114%
64	14.313	1928	1934	1940	rBV	1989324	3187984	17.18%	1.851%
65	14.372	1940	1944	1949	rVV5	115182	210743	1.14%	0.122%
66	14.448	1953	1957	1963	rBV	356444	474430	2.56%	0.275%
67	14.666	1991	1994	2000	rVB2	199812	338693	1.83%	0.197%
68	15.083	2060	2065	2071	rBV	2061808	2637436	14.21%	1.532%
69	15.148	2072	2076	2079	rBV	399257	559295	3.01%	0.325%
70	15.224	2085	2089	2096	rBV3	200779	352427	1.90%	0.205%
71	15.348	2106	2110	2113	rBV	371605	521756	2.81%	0.303%
72	15.389	2113	2117	2123	rVB2	1217125	1876600	10.11%	1.090%
73	15.589	2145	2151	2156	rBV3	1349868	2320426	12.51%	1.347%
74	15.701	2165	2170	2178	rVB	762613	1397761	7.53%	0.812%
75	15.830	2186	2192	2200	rVB2	6235049	12117576	65.30%	7.036%
76	16.042	2220	2228	2233	rBV	4303205	7625282	41.09%	4.428%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.189	2250	2253	2257	rVB2	311269	321988	1.74%	0.187%
78	16.248	2258	2263	2270	rVB3	1436631	2432160	13.11%	1.412%
79	16.371	2279	2284	2289	rBV	1809001	2558195	13.79%	1.485%
80	16.407	2289	2290	2295	rVB3	226231	235109	1.27%	0.137%
81	16.707	2338	2341	2350	rVB4	308767	449039	2.42%	0.261%
82	16.918	2371	2377	2383	rBV	710148	1186919	6.40%	0.689%
83	17.118	2404	2411	2416	rBV	2798530	4298103	23.16%	2.496%
84	17.377	2451	2455	2458	rBV	232923	368999	1.99%	0.214%
85	17.630	2494	2498	2505	rBV	352662	602329	3.25%	0.350%
86	18.077	2569	2574	2583	rBV	1511928	2128054	11.47%	1.236%
87	18.289	2605	2610	2619	rBV	4078532	5865089	31.61%	3.406%
88	18.860	2704	2707	2714	rVB	710956	943788	5.09%	0.548%
89	19.342	2785	2789	2796	rVB	992861	1477161	7.96%	0.858%
90	19.407	2797	2800	2808	rVB2	388876	629870	3.39%	0.366%
91	19.665	2839	2844	2853	rVB	2601602	3690981	19.89%	2.143%
92	19.854	2870	2876	2881	rVB	13321903	18555769	100.00%	10.775%
93	20.712	3019	3022	3027	rBV	1385762	1572204	8.47%	0.913%
94	21.112	3086	3090	3101	rBV	1002325	1722620	9.28%	1.000%
95	21.254	3111	3114	3121	rVB	876125	1160426	6.25%	0.674%
96	21.559	3161	3166	3176	rVB2	3032630	4668239	25.16%	2.711%
97	23.112	3427	3430	3439	rVB	484406	917920	4.95%	0.533%
98	24.889	3724	3732	3752	rVB	2015129	5775463	31.12%	3.354%

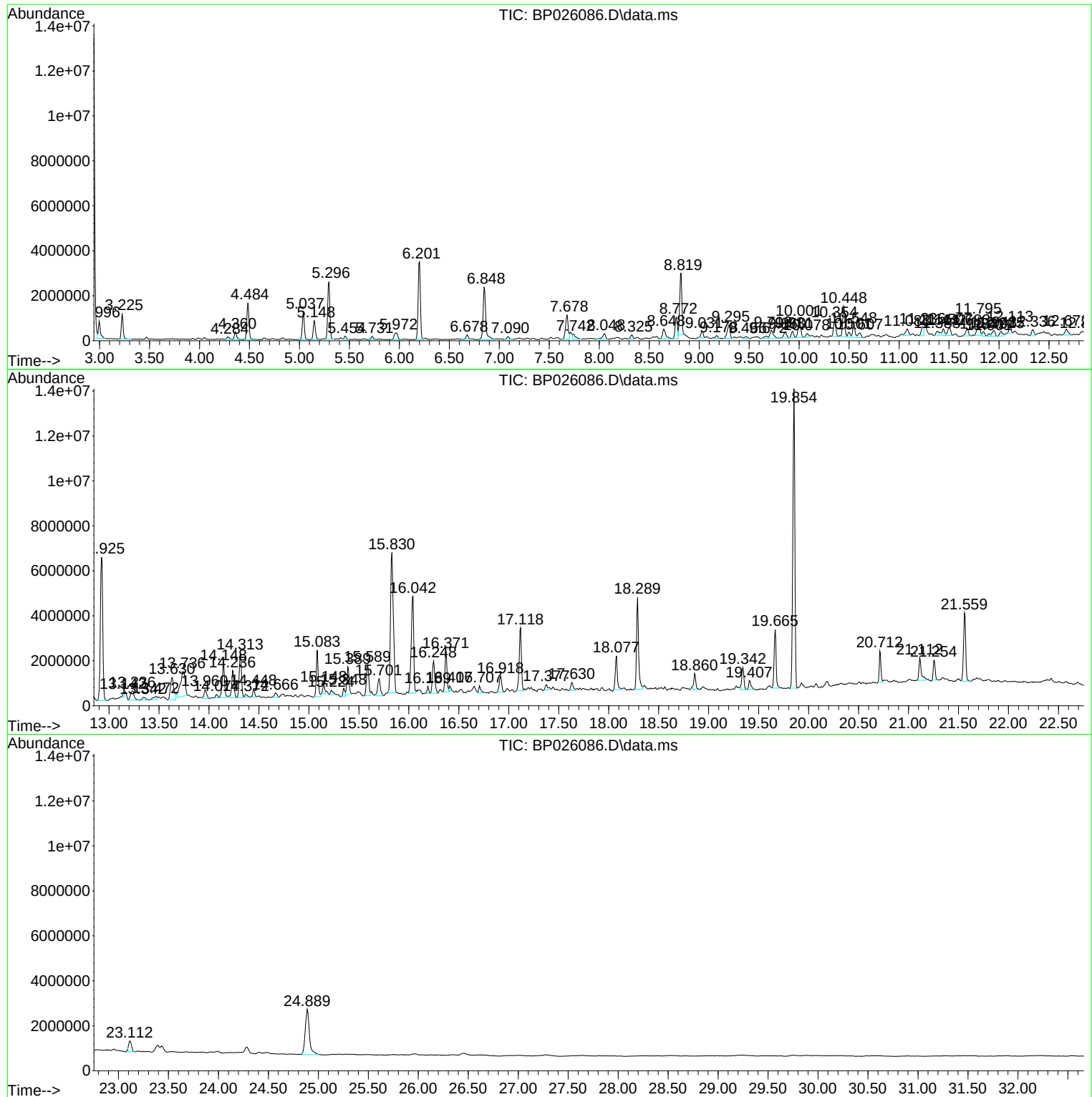
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Acq On    : 06 Nov 2025   21:11  
Operator  : RC/JU  
Sample    : Q3552-01  
Misc      :  
ALS Vial  : 12    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

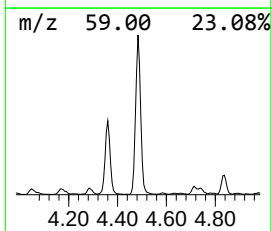
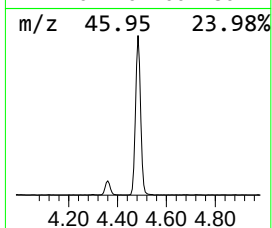
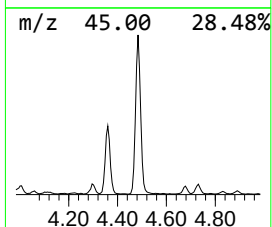
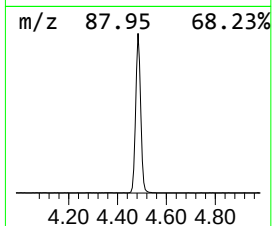
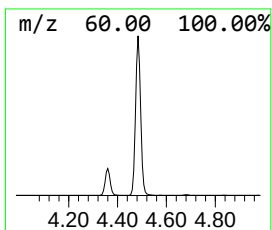
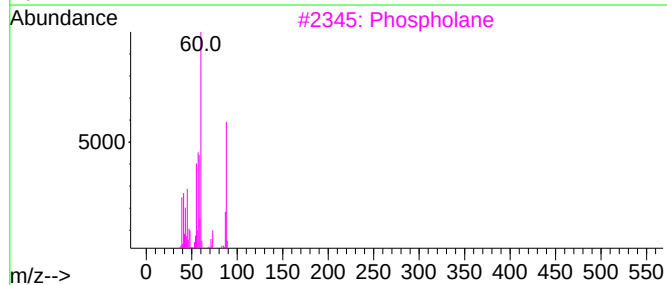
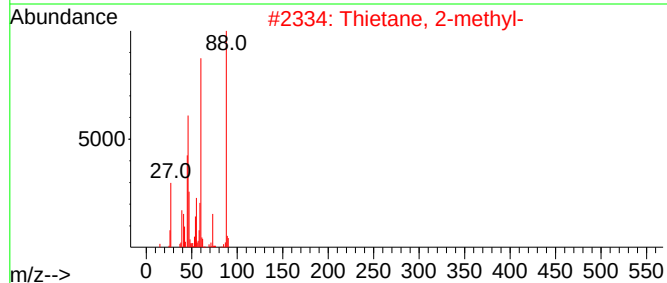
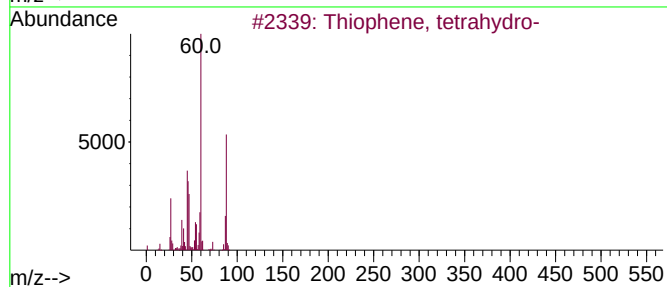
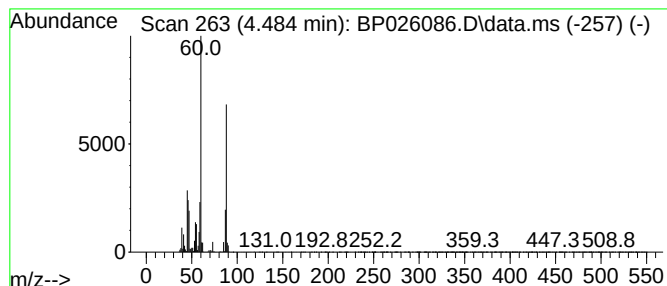
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Thiophene, tetrahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.484	23.97 ng	2374550	1,4-Dichlorobenzene-d4	7.678

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-	88	C4H8S	000110-01-0	97
2			Thietane, 2-methyl-	88	C4H8S	017837-41-1	74
3			Phospholane	88	C4H9P	003466-00-0	64
4			Ethylvinyl sulfide	88	C4H8S	000627-50-9	38
5			Ethanol, 2-mercapto-	78	C2H6OS	000060-24-2	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

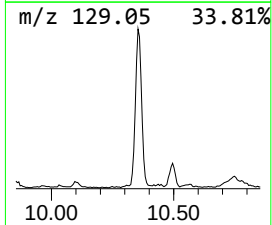
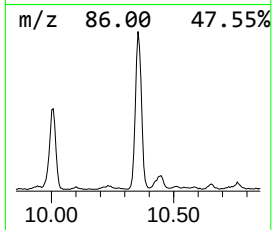
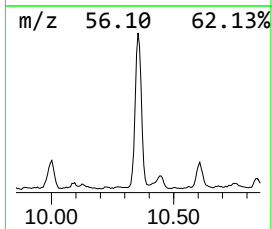
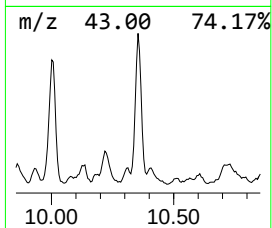
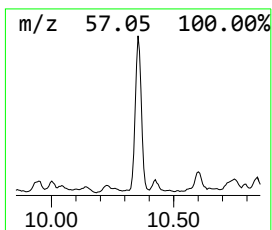
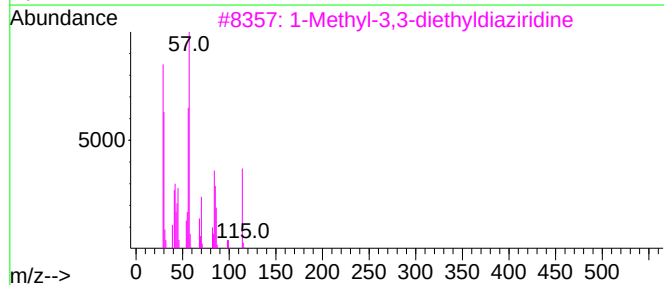
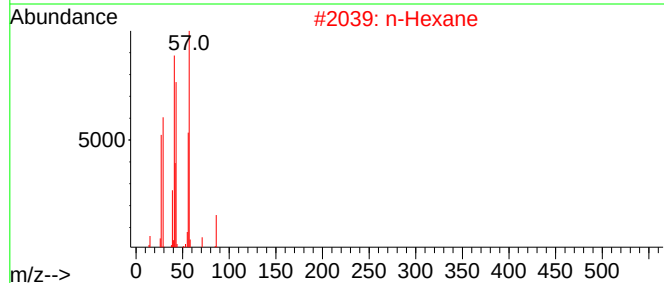
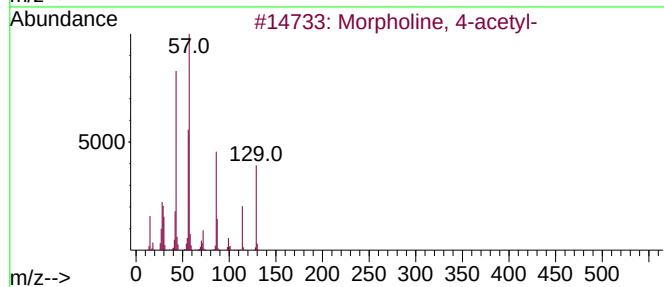
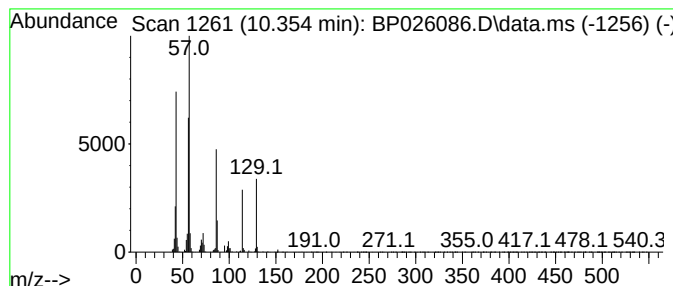
Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Morpholine, 4-acetyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.354	11.04 ng	1158890	Naphthalene-d8		10.448	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Morpholine, 4-acetyl-		129	C6H11NO2	001696-20-4	90
2	n-Hexane		86	C6H14	000110-54-3	43
3	1-Methyl-3,3-diethyldiaziridine		114	C6H14N2	052551-69-6	43
4	Acetamide, N-2-propenyl-		99	C5H9NO	000692-33-1	35
5	Pentane, 2,3-dimethyl-		100	C7H16	000565-59-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

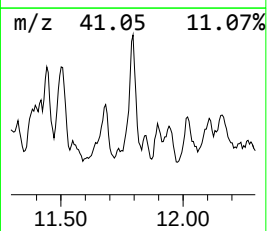
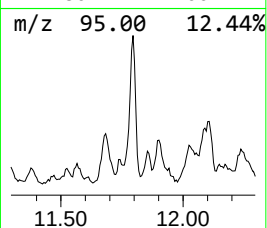
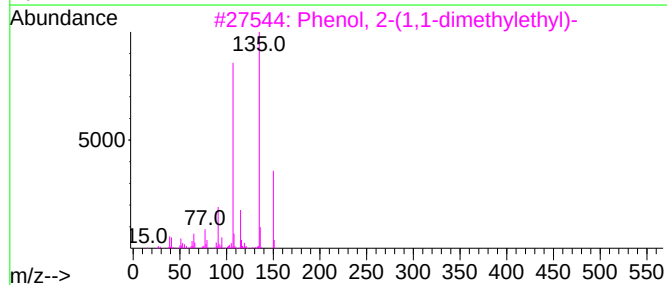
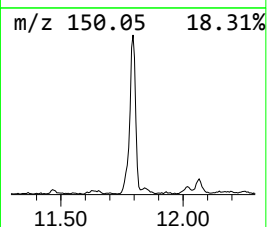
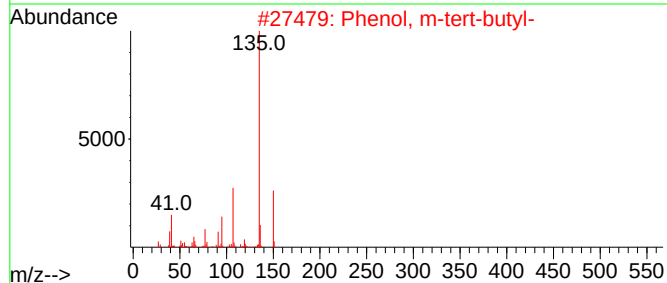
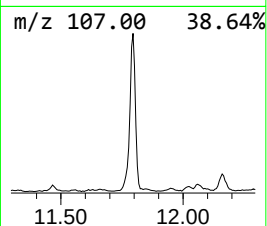
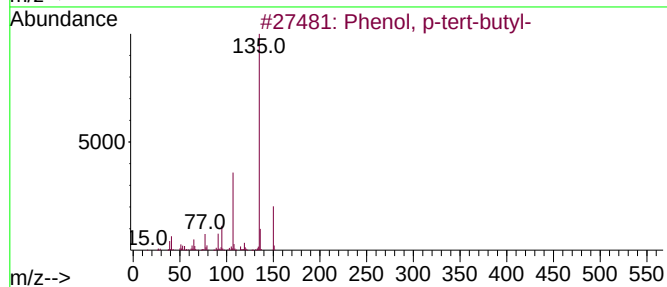
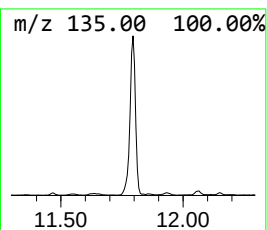
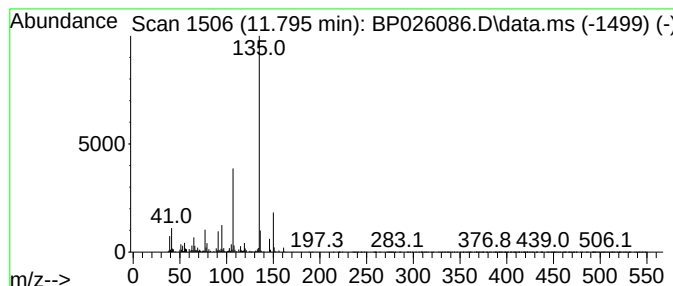
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.795	13.44 ng	1410520	Naphthalene-d8	10.448

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3			Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4			Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	49
5			Thymol	150	C10H14O	000089-83-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

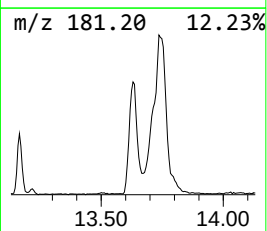
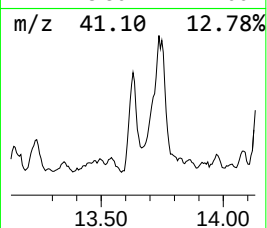
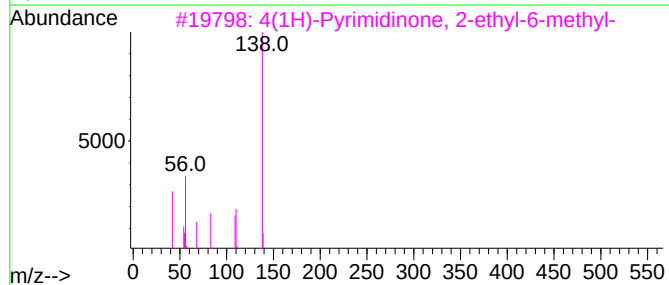
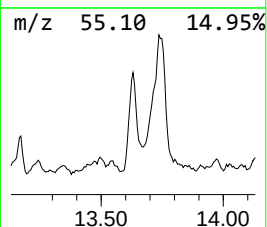
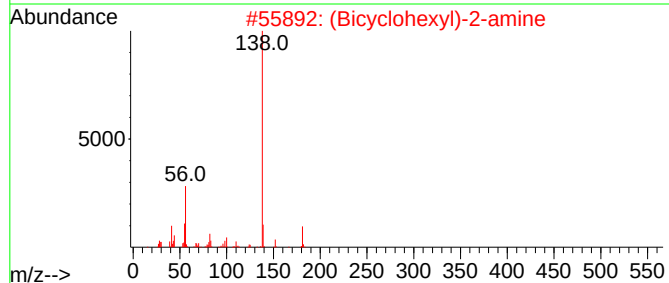
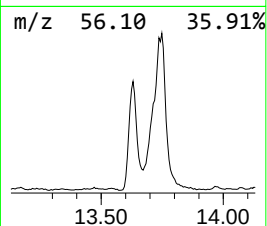
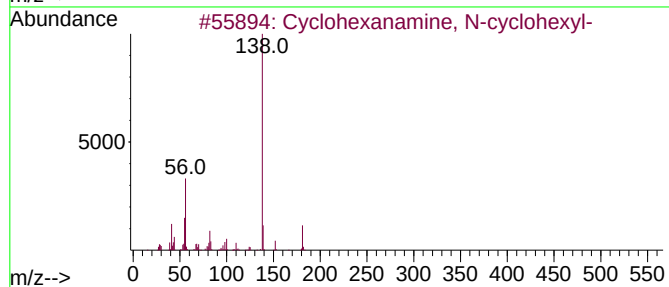
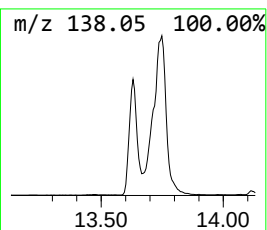
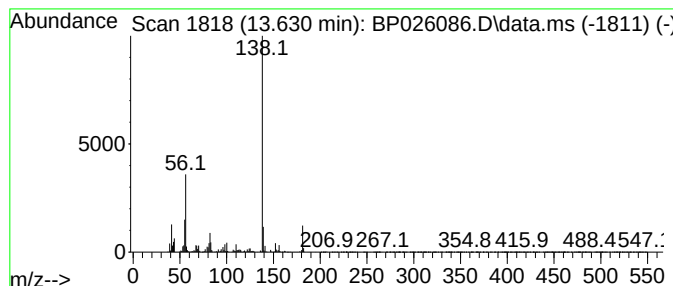
Instrument :
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ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexanamine, N-cyclohexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.630	14.26 ng	2273080	Acenaphthene-d10			14.313
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-		181	C12H23N	000101-83-7	96
2	(Bicyclohexyl)-2-amine		181	C12H23N	006283-14-3	96
3	4(1H)-Pyrimidinone, 2-ethyl-6-me...		138	C7H10N2O	016858-50-7	59
4	1-Penten-3-one, 4-methyl-1-(1-pi...		181	C11H19NO	013606-83-2	58
5	(5R,8R,8aS)-5-Heptyl-8-methyloct...		237	C16H31N	847459-59-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
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Sample : Q3552-01
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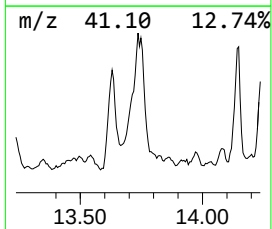
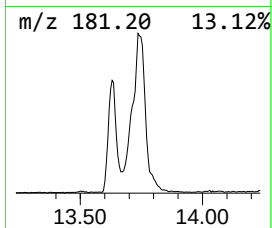
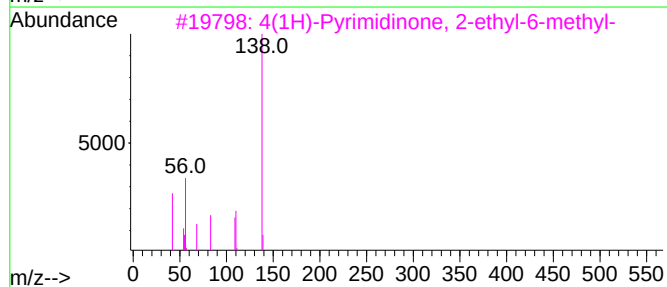
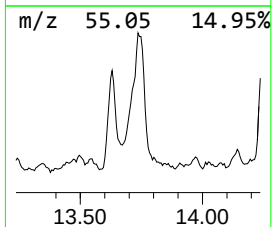
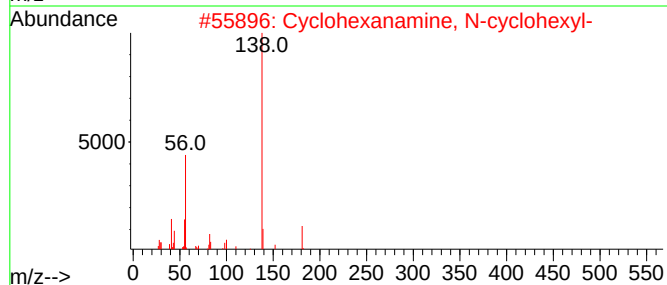
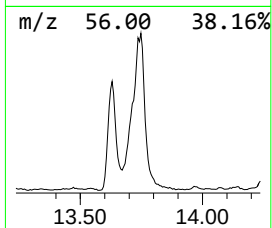
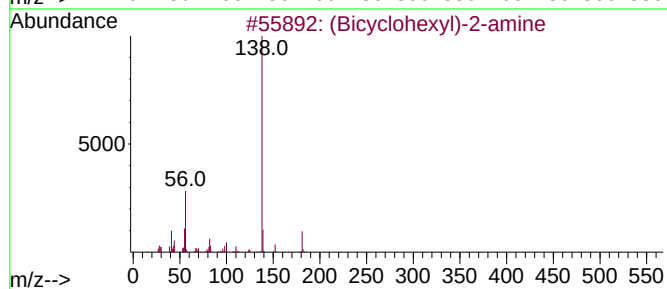
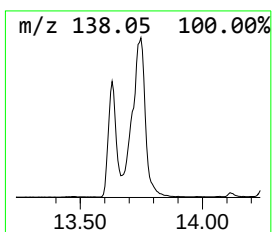
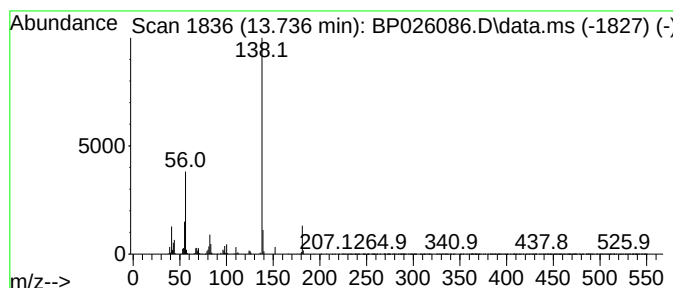
Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (Bicyclohexyl)-2-amine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.736	22.50 ng	3586070	Acenaphthene-d10	14.313	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	97
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	97
3	4(1H)-Pyrimidinone, 2-ethyl-6-me...	138	C7H10N2O	016858-50-7	64
4	1-Penten-3-one, 4-methyl-1-(1-pi...	181	C11H19NO	013606-83-2	52
5	Butanoic acid, 4-dicyclohexylami...	281	C16H27NO3	328013-95-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4

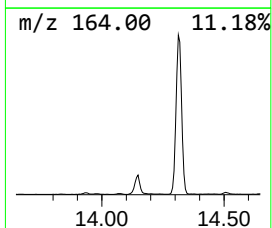
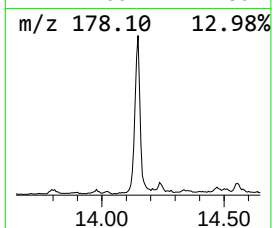
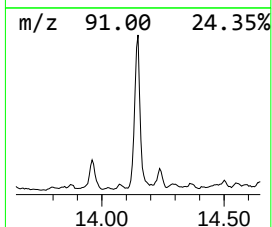
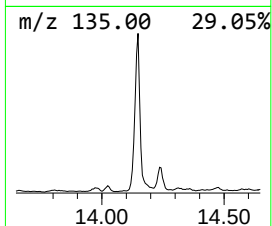
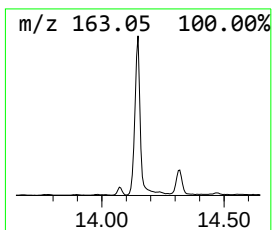
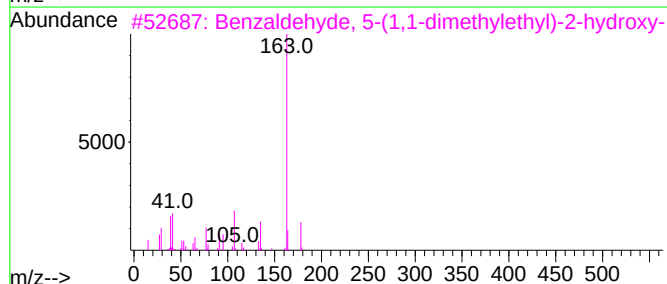
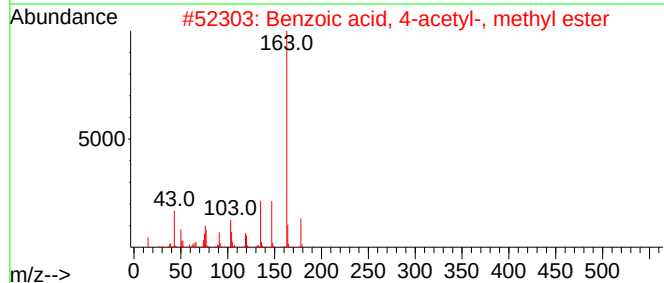
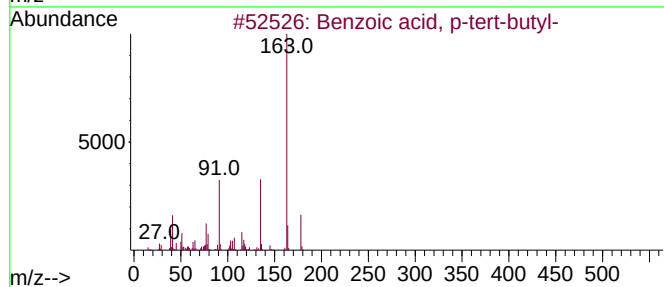
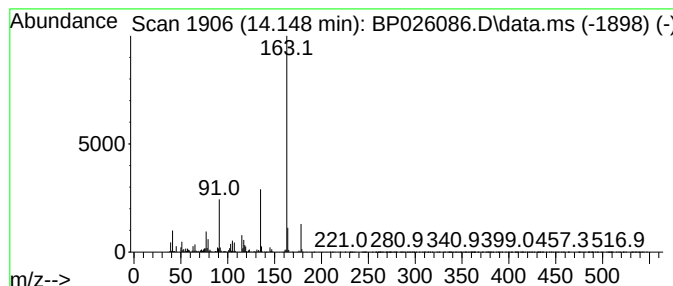
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzoic acid, p-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.148	15.51 ng	2472070	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2			Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
3			Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
4			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
5			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

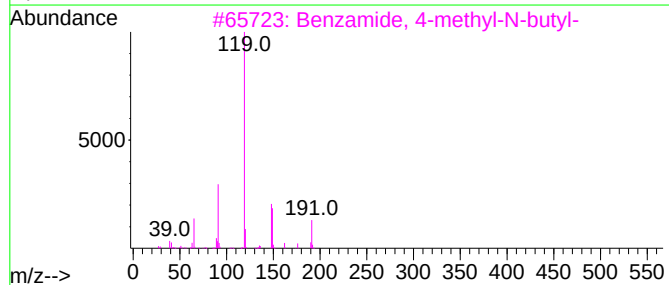
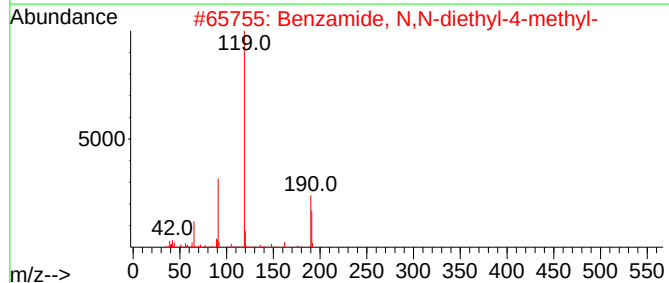
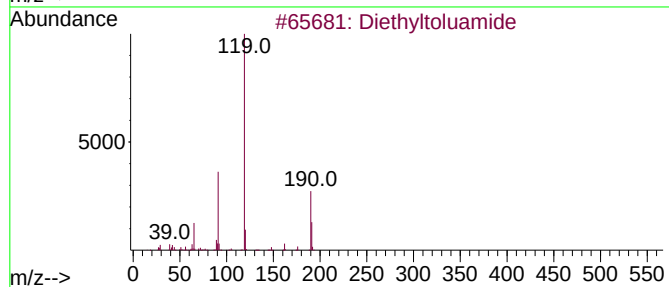
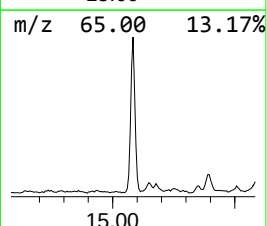
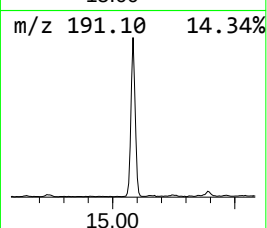
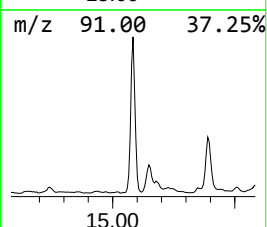
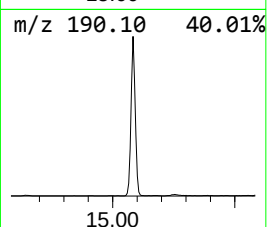
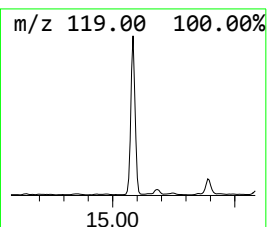
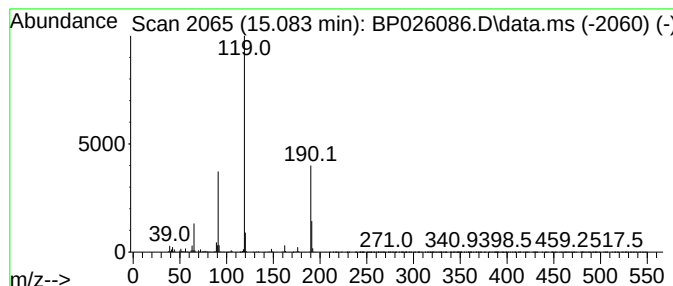
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Diethyltoluamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.083	16.55 ng	2637440	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	95
2			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3			Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5			Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

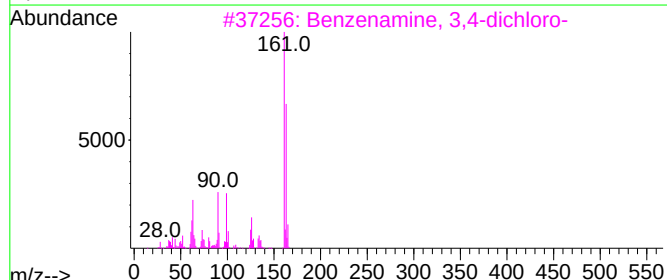
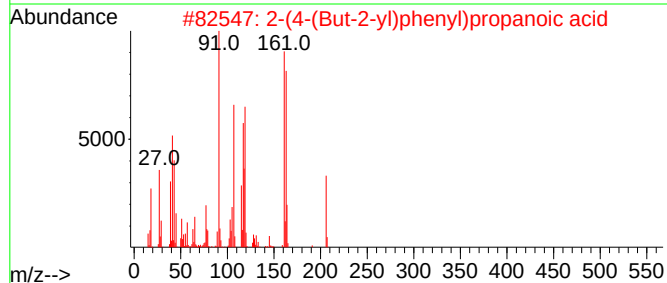
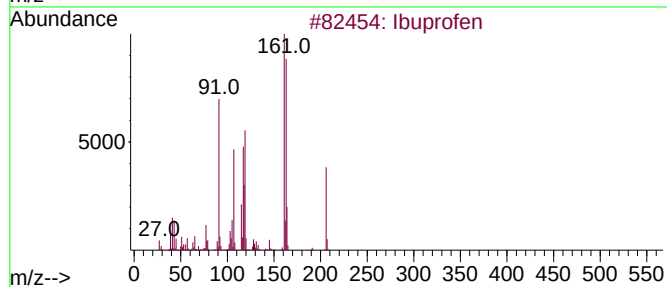
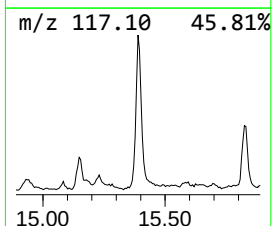
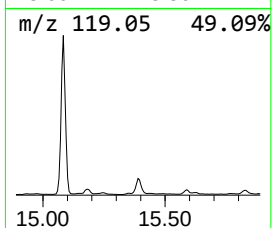
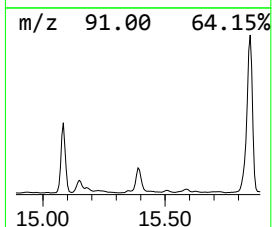
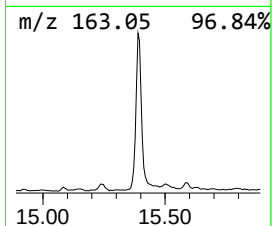
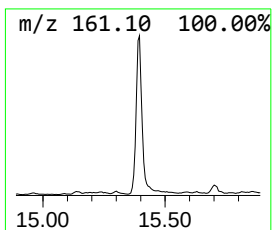
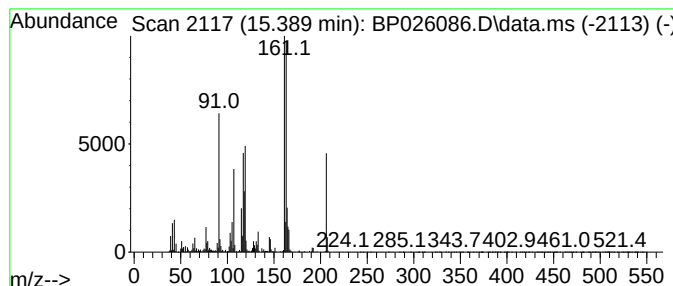
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Ibuprofen Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.389	11.77 ng	1876600	Acenaphthene-d10		14.313	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Ibuprofen		206	C13H18O2	015687-27-1	99
2	2-(4-(But-2-yl)phenyl)propanoic ...		206	C13H18O2	064451-76-9	98
3	Benzenamine, 3,4-dichloro-		161	C6H5Cl2N	000095-76-1	35
4	Benzenamine, 2,4-dichloro-		161	C6H5Cl2N	000554-00-7	35
5	Benzenamine, 2,5-dichloro-		161	C6H5Cl2N	000095-82-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

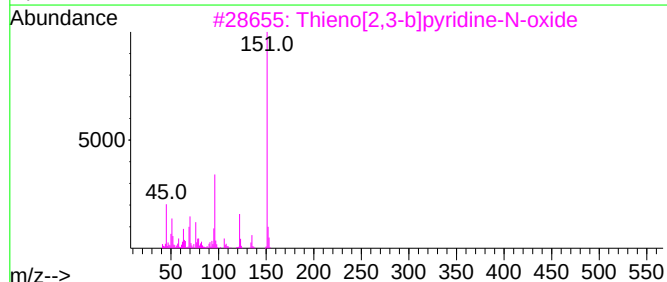
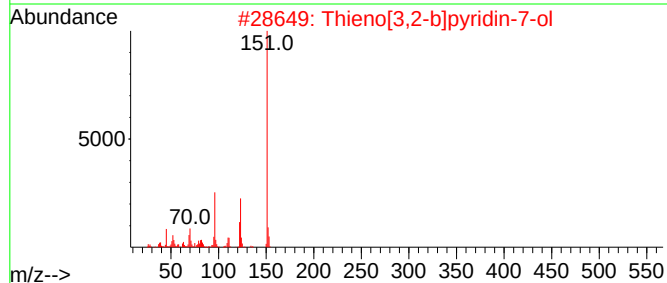
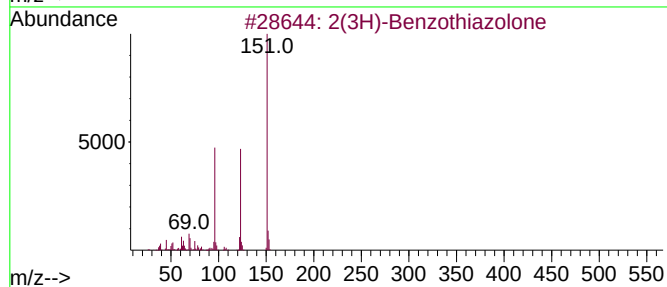
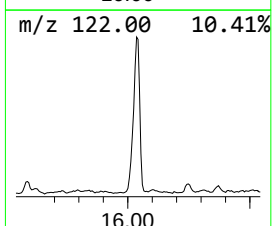
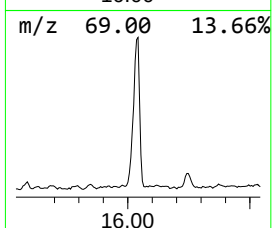
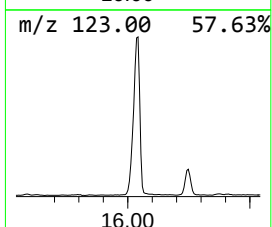
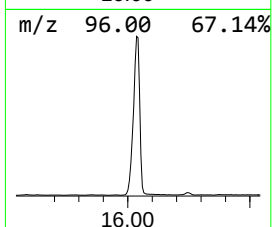
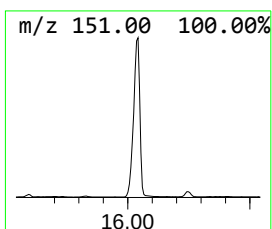
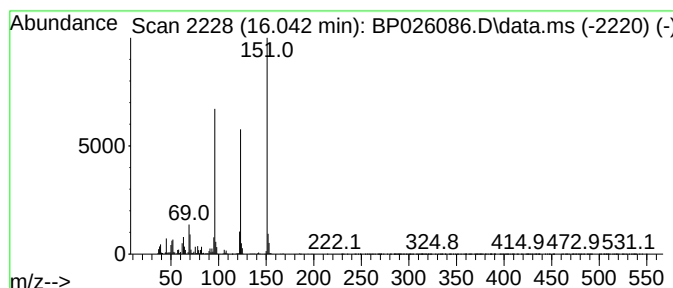
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2(3H)-Benzothiazolone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.042	35.48 ng	7625280	Phenanthrene-d10	17.118	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	64
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

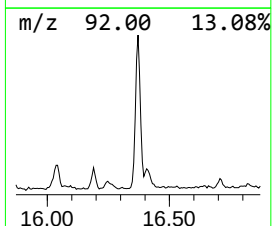
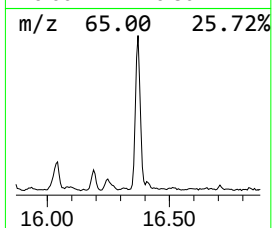
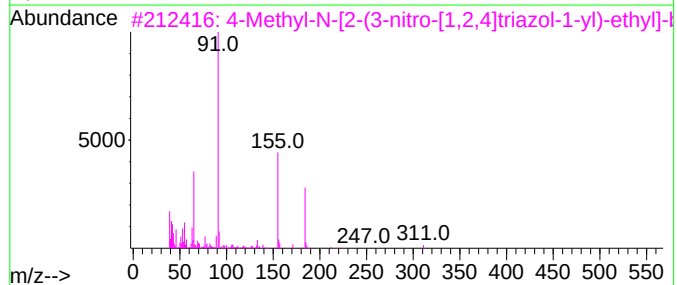
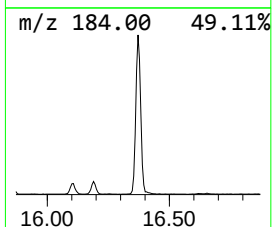
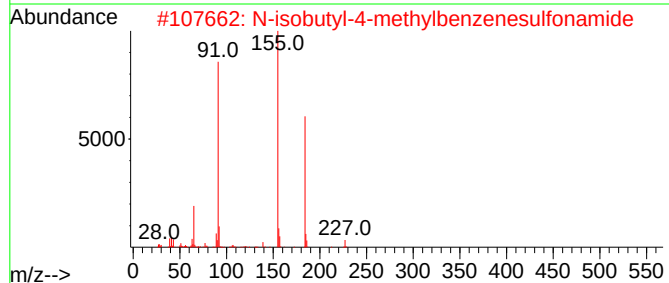
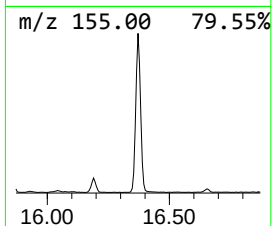
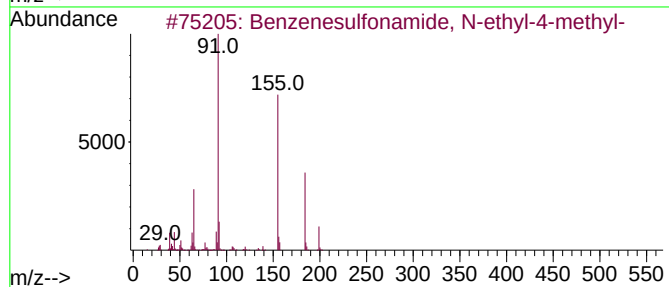
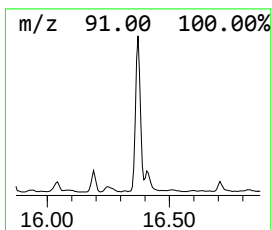
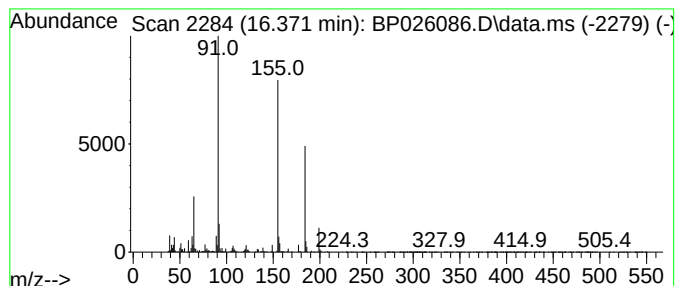
Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzenesulfonamide, N-ethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.371	11.90 ng	2558200	Phenanthrene-d10		17.118	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...		199	C9H13NO2S	000080-39-7	97
2	N-isobutyl-4-methylbenzenesulfon...		227	C11H17NO2S	023705-38-6	90
3	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...		311	C11H13N5O4S	1000301-03-5	83
4	N-Hexyl-4-methylbenzenesulfonamide		255	C13H21NO2S	001143-01-7	80
5	Benzene, 4-(ethylsulfonyl)-1-met...		184	C9H12O2S	007569-34-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

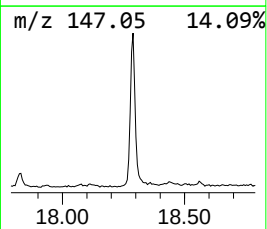
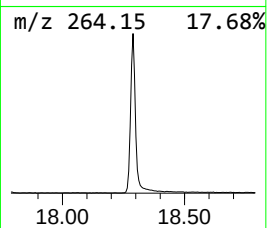
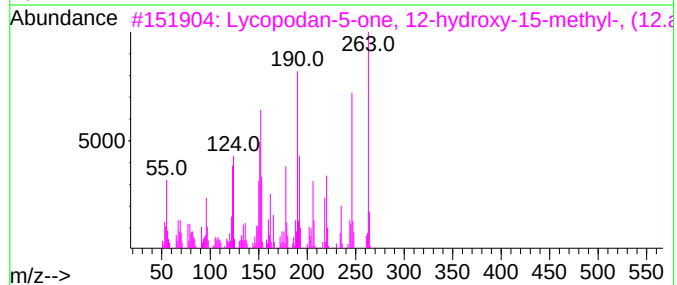
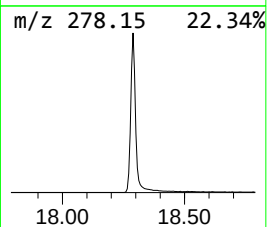
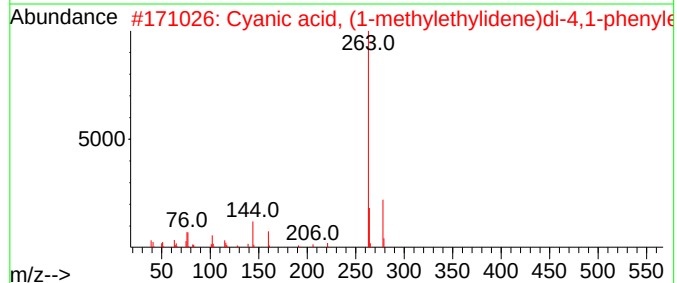
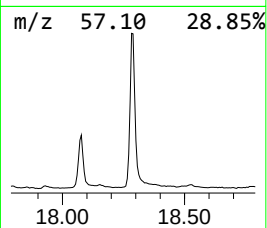
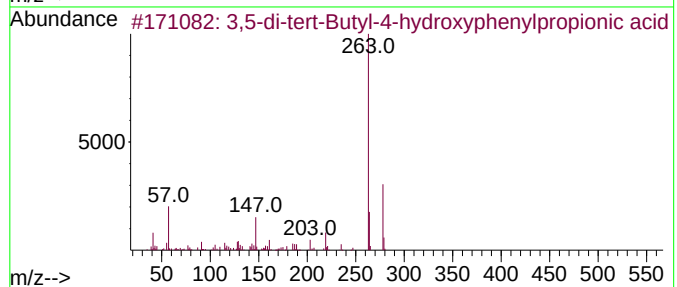
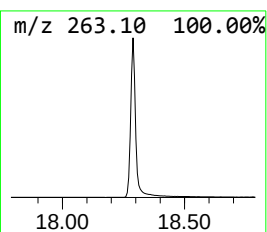
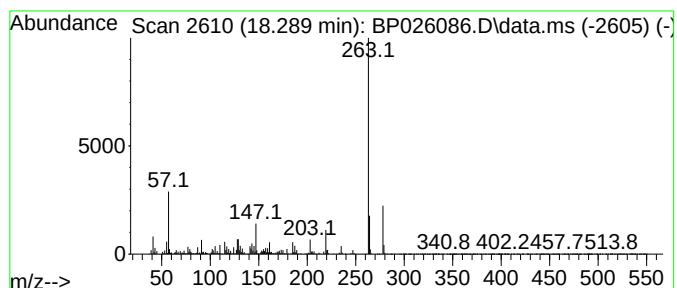
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.289	27.29 ng	5865090	Phenanthrene-d10	17.118	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	95
2	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64
3	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10C1N3S	068364-67-0	52
5	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
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Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

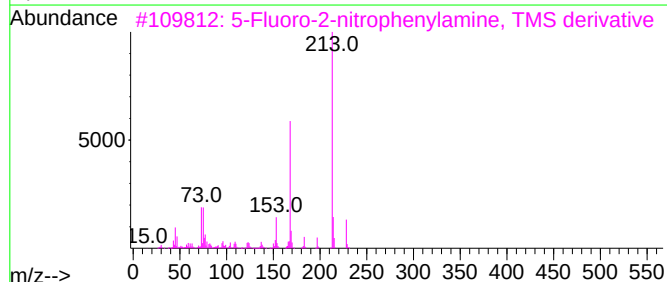
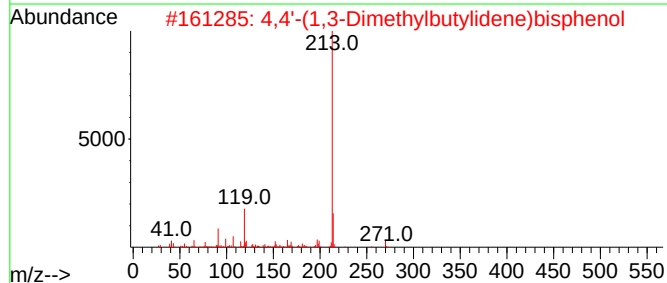
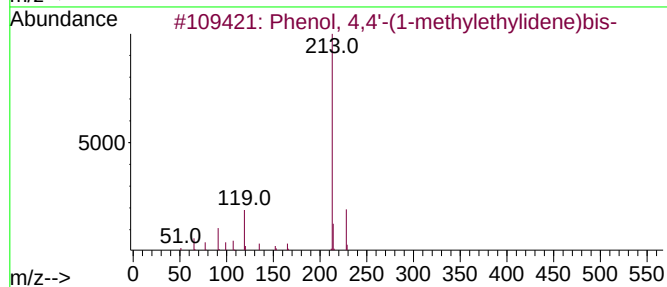
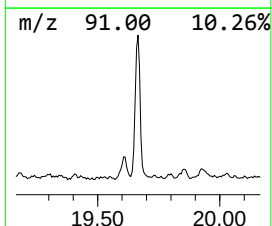
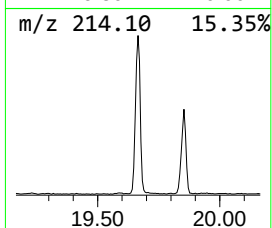
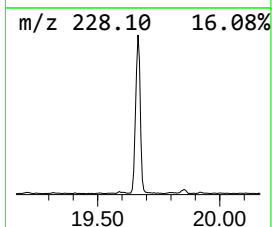
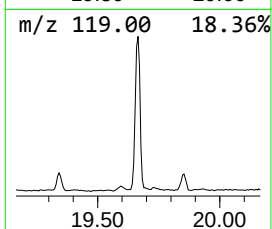
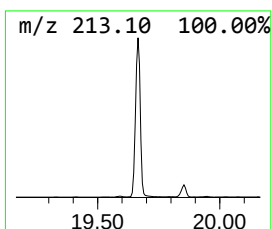
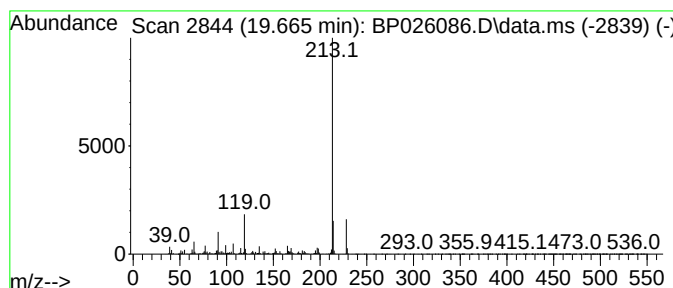
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.665	15.81 ng	3690980	Chrysene-d12	21.559	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59
4	Diphenolic acid	286	C17H18O4	000126-00-1	56
5	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene, tetr...	4.484	24.0	ng	2374550	1	7.678	1981630	20.0
Morpholine, 4-a...	10.354	11.0	ng	1158890	2	10.448	2099620	20.0
Phenol, p-tert-...	11.795	13.4	ng	1410520	2	10.448	2099620	20.0
Cyclohexanamine...	13.630	14.3	ng	2273080	3	14.313	3187980	20.0
(Bicyclohexyl)-...	13.736	22.5	ng	3586070	3	14.313	3187980	20.0
Benzoic acid, p...	14.148	15.5	ng	2472070	3	14.313	3187980	20.0
Diethyltoluamide	15.083	16.6	ng	2637440	3	14.313	3187980	20.0
Ibuprofen	15.389	11.8	ng	1876600	3	14.313	3187980	20.0
2(3H)-Benzothia...	16.042	35.5	ng	7625280	4	17.118	4298100	20.0
Benzenesulfonam...	16.371	11.9	ng	2558200	4	17.118	4298100	20.0
3,5-di-tert-But...	18.289	27.3	ng	5865090	4	17.118	4298100	20.0
Phenol, 4,4'-(1...	19.665	15.8	ng	3690980	5	21.559	4668240	20.0

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25	
Project: Edison Landfill	Date Received: 11/05/25	
Client Sample ID: MW-8	SDG No.: Q3552	
Lab Sample ID: Q3552-02	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 21:52	PB170424
108-95-2	Phenol	5.20		1	0.91	5.00	ug/L	11/06/25 21:52	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 21:52	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 21:52	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:52	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:52	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 21:52	PB170424
65794-96-9	3+4-Methylphenols	28.3		1	1.10	10.0	ug/L	11/06/25 21:52	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 21:52	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 21:52	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 21:52	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:52	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 21:52	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:52	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:52	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:52	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:52	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 21:52	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 21:52	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 21:52	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:52	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 21:52	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 21:52	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 21:52	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 21:52	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 21:52	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:52	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:52	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 21:52	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:52	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:52	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 21:52	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 21:52	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:52	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:52	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:52	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 21:52	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 21:52	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 21:52	PB170424



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/05/25
Client Sample ID:	MW-8		SDG No.:	Q3552
Lab Sample ID:	Q3552-02		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 21:52	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 21:52	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:52	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 21:52	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 21:52	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:52	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:52	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:52	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 21:52	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:52	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:52	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 21:52	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 21:52	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 21:52	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.80	J	1	1.60	5.00	ug/L	11/06/25 21:52	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 21:52	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 21:52	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 21:52	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:52	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:52	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 21:52	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:52	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:52	PB170424
123-91-1	1,4-Dioxane	10.6		1	1.00	5.00	ug/L	11/06/25 21:52	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:52	PB170424

SURROGATES

367-12-4	2-Fluorophenol	90.6			15 (23) - 110 (138)	60%	SPK: 150
13127-88-3	Phenol-d6	74.4			15 (10) - 110 (134)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	102			30 (67) - 130 (132)	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.9			30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	175	*		15 (44) - 110 (137)	117%	SPK: 150
1718-51-0	Terphenyl-d14	88.9			30 (42) - 130 (152)	89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	313000
1146-65-2	Naphthalene-d8	1220000
15067-26-2	Acenaphthene-d10	747000
1517-22-2	Phenanthrene-d10	1490000
1719-03-5	Chrysene-d12	1680000
1520-96-3	Perylene-d12	2020000

TENTATIVE IDENTIFIED COMPOUNDS

000503-74-2	Butanoic acid, 3-methyl-	3.10	J		4.60	ug/L
000103-82-2	Benzeneacetic acid	3.40	J		11.0	ug/L

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25	
Project: Edison Landfill	Date Received: 11/05/25	
Client Sample ID: MW-8	SDG No.: Q3552	
Lab Sample ID: Q3552-02	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Level: LOW	Test: SVOC-TCL BNA -20	
Sample Wt/Vol: 1000 mL	Final Vol: 1000 uL	
Prep Method : 3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000098-73-7	Benzoic acid, p-tert-butyl-	3.00	J			14.1	ug/L		
000119-61-9	Benzophenone	4.60	J			15.7	ug/L		
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.80	J			17.8	ug/L		
010030-73-6	(E)-Hexadec-9-enoic acid	2.50	J			17.9	ug/L		
000057-10-3	n-Hexadecanoic acid	16.3	J			18.1	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	21.4	J			18.3	ug/L		
000506-17-2	cis-Vaccenic acid	2.40	J			19.3	ug/L		
000057-11-4	Octadecanoic acid	3.50	J			19.4	ug/L		
1010348-57-1	Fumaric acid, 2-chloropropyl tride	5.40	J			21.3	ug/L		
007683-64-9	Supraene	6.40	J			23.4	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026087.D
 Acq On : 06 Nov 2025 21:52
 Operator : RC/JU
 Sample : Q3552-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8

Quant Time: Nov 07 01:03:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

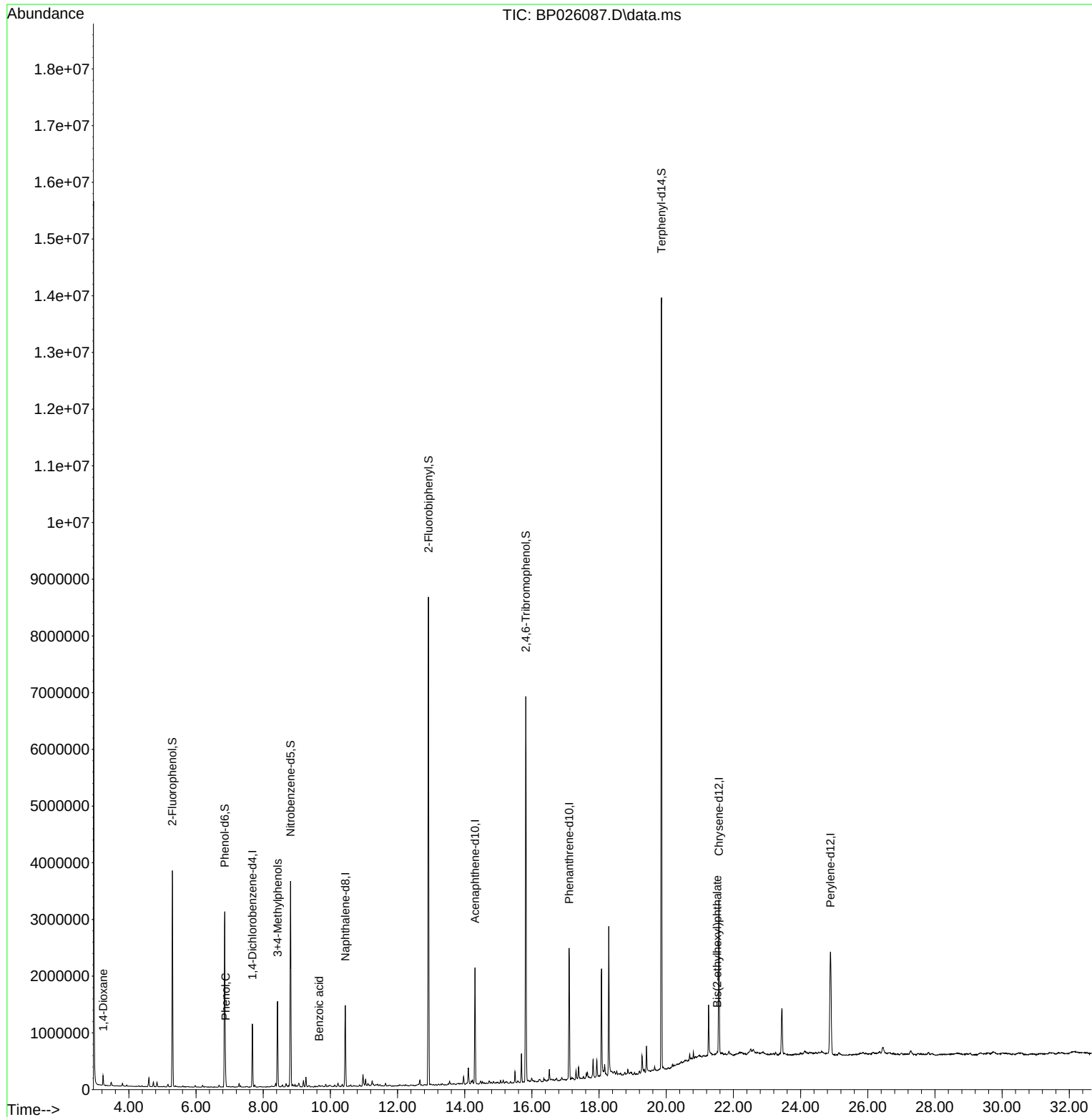
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	313208	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1217177	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	747328	20.000	ng	-0.01
64) Phenanthrene-d10	17.107	188	1494853	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	1682256	20.000	ng	0.00
86) Perylene-d12	24.889	264	2021321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1719253	90.577	ng	0.00
7) Phenol-d6	6.855	99	1796985	74.381	ng	0.00
23) Nitrobenzene-d5	8.813	82	2001097	102.490	ng	-0.01
42) 2,4,6-Tribromophenol	15.819	330	1412192	174.790	ng	-0.01
45) 2-Fluorobiphenyl	12.919	172	4571378	87.896	ng	-0.01
79) Terphenyl-d14	19.860	244	7364724	88.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	84730	10.589	ng	# 84
10) Phenol	6.878	94	139553	5.203	ng	99
20) 3+4-Methylphenols	8.425	107	690748	28.271	ng	90
32) Benzoic acid	9.666	122	7661	4.047	ng	93
84) Bis(2-ethylhexyl)phtha...	21.518	149	14632	2.801	ng	# 91

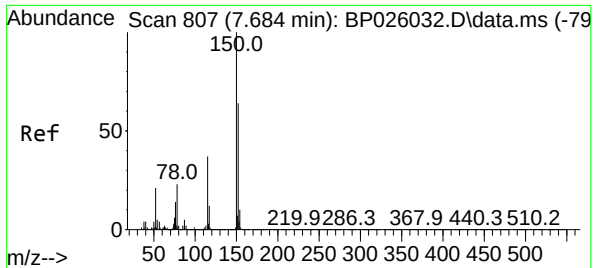
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Time: Nov 07 01:03:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

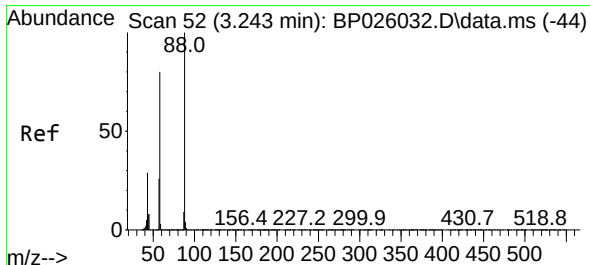
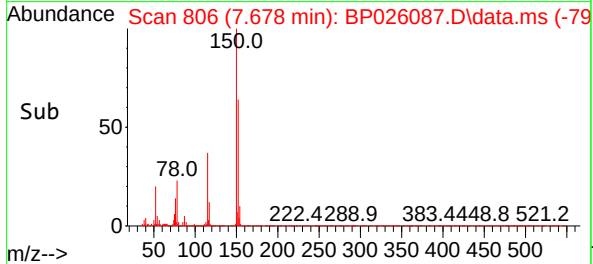
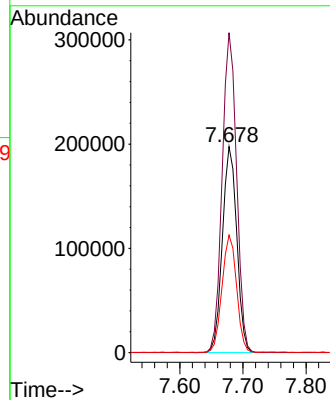
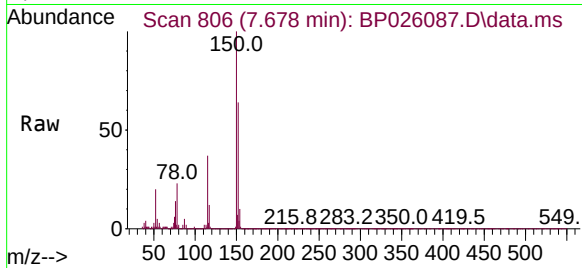




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

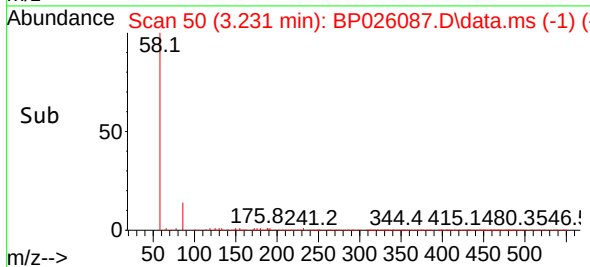
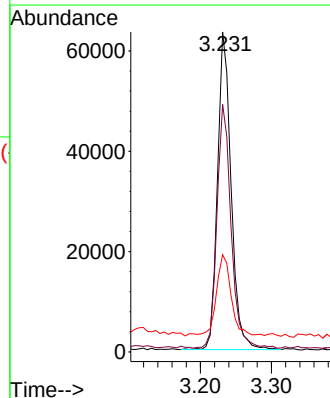
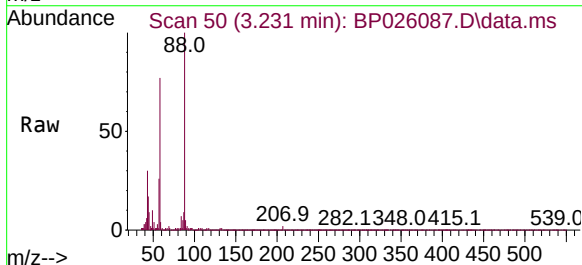
Instrument :
 BNA_P
 ClientSampleId :
 MW-8

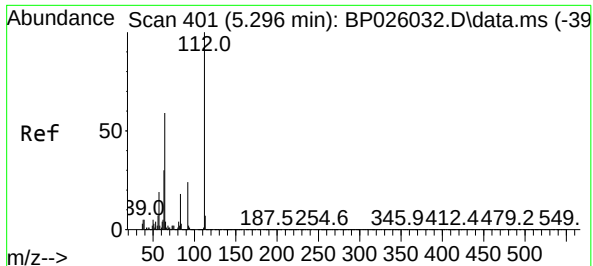
Tgt Ion:152 Resp: 313208
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.7 188.5
 115 57.1 46.4 69.6



#2
 1,4-Dioxane
 Concen: 10.589 ng
 RT: 3.231 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

Tgt Ion: 88 Resp: 84730
 Ion Ratio Lower Upper
 88 100
 58 79.5 65.4 98.0
 43 0.0 23.1 34.7#

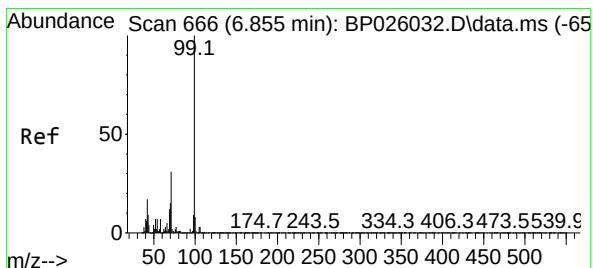
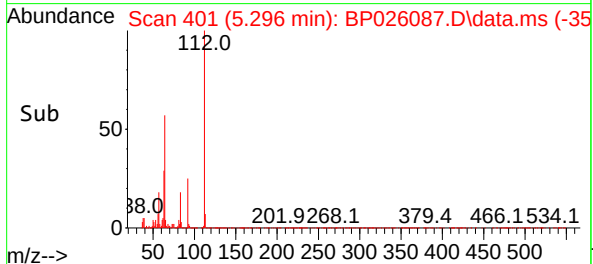
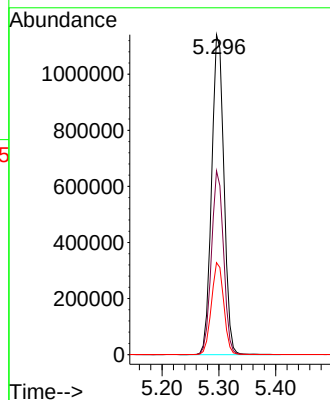
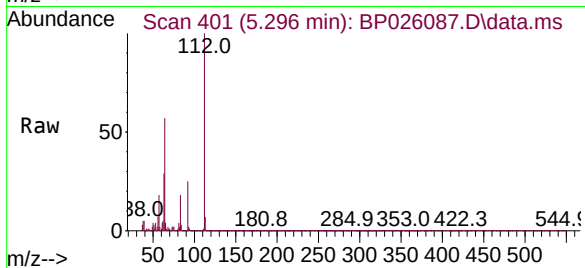




#5
2-Fluorophenol
Concen: 90.577 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

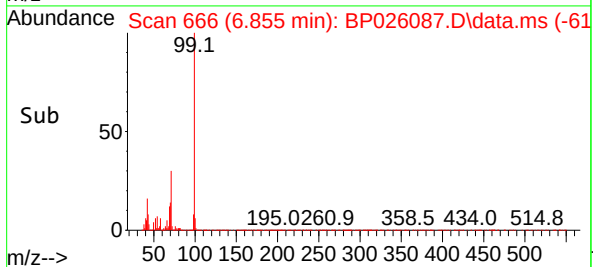
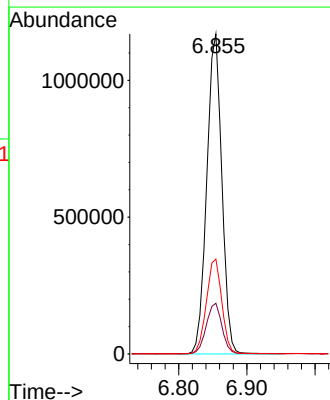
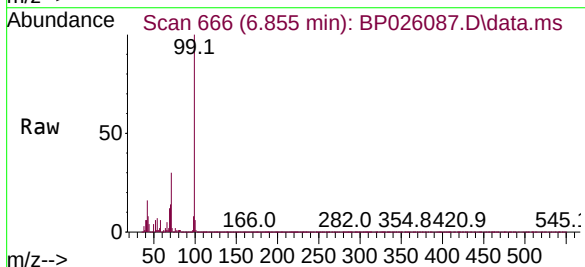
Instrument :
BNA_P
ClientSampleId :
MW-8

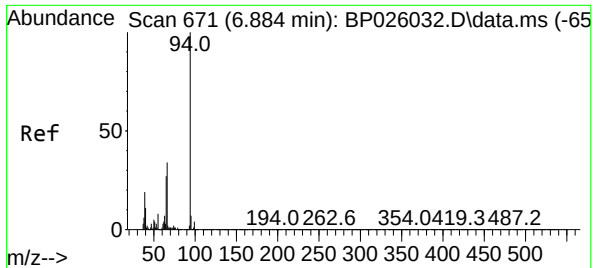
Tgt Ion:112 Resp: 1719253
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 28.7 24.2 36.4



#7
Phenol-d6
Concen: 74.381 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion: 99 Resp: 1796985
Ion Ratio Lower Upper
99 100
42 15.8 13.7 20.5
71 29.6 24.4 36.6

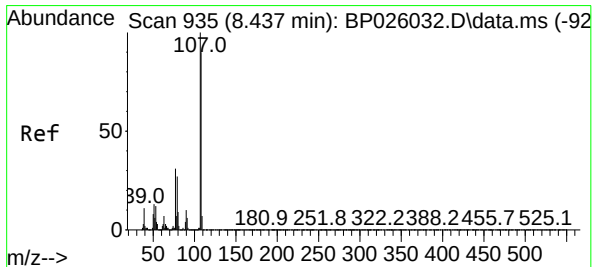
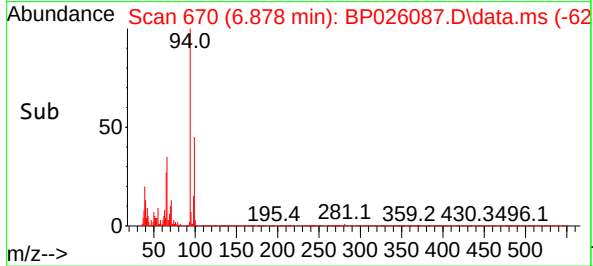
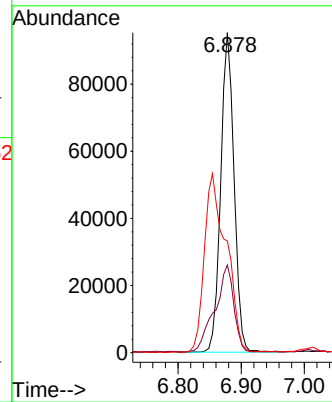
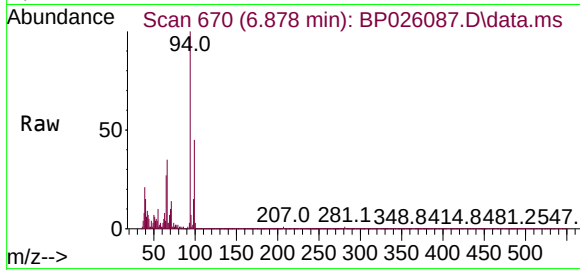




#10
Phenol
Concen: 5.203 ng
RT: 6.878 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

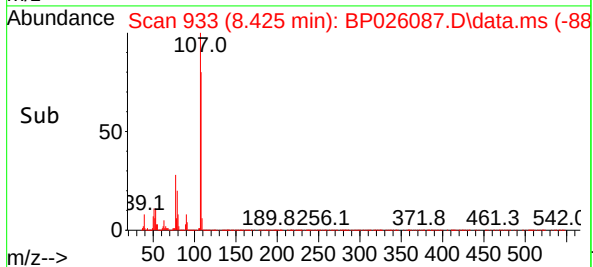
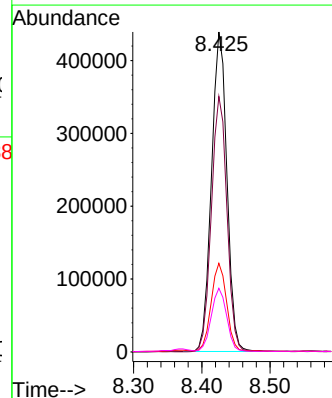
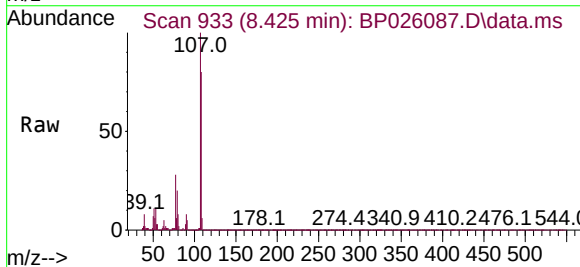
Instrument :
BNA_P
ClientSampleId :
MW-8

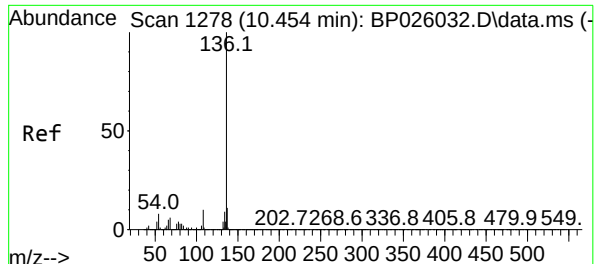
Tgt Ion: 94 Resp: 139553
Ion Ratio Lower Upper
94 100
65 27.4 7.1 47.1
66 34.9 14.4 54.4



#20
3+4-Methylphenols
Concen: 28.271 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.018 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion: 107 Resp: 690748
Ion Ratio Lower Upper
107 100
108 79.8 70.1 110.1
77 27.7 10.7 50.7
79 19.9 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.443 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP026087.D

Acq: 06 Nov 2025 21:52

Instrument :

BNA_P

ClientSampleId :

MW-8

Tgt Ion:136 Resp: 1217177

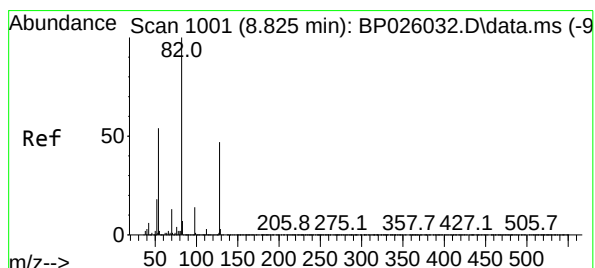
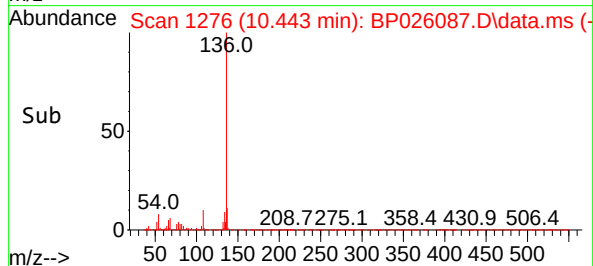
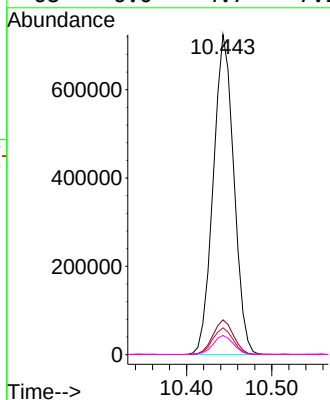
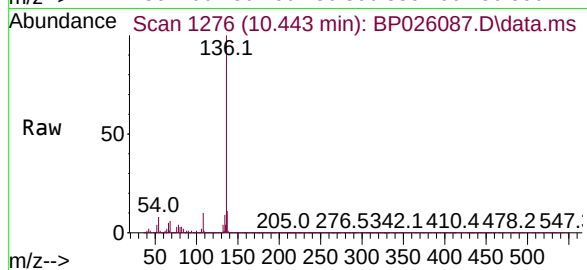
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 6.6 10.0

68 6.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 102.490 ng

RT: 8.813 min Scan# 999

Delta R.T. -0.012 min

Lab File: BP026087.D

Acq: 06 Nov 2025 21:52

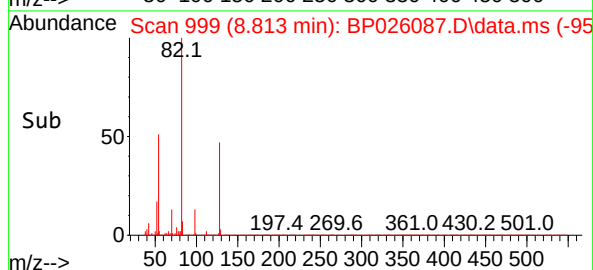
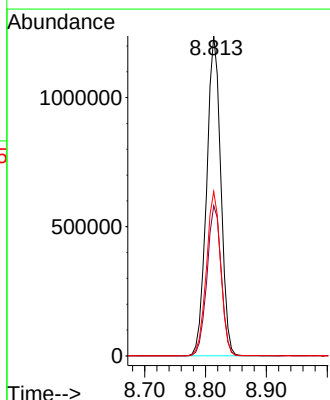
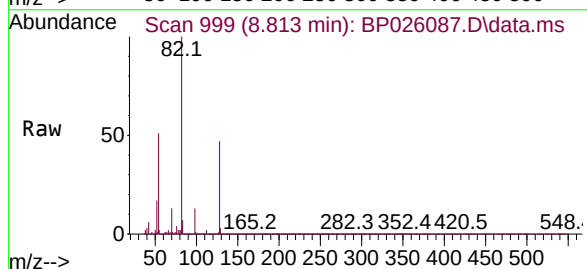
Tgt Ion: 82 Resp: 2001097

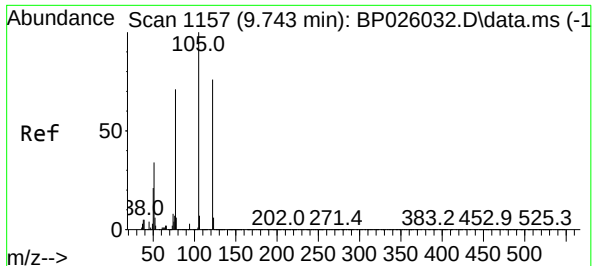
Ion Ratio Lower Upper

82 100

128 46.9 37.4 56.0

54 51.4 42.7 64.1

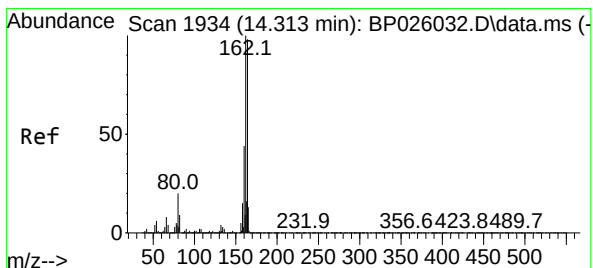
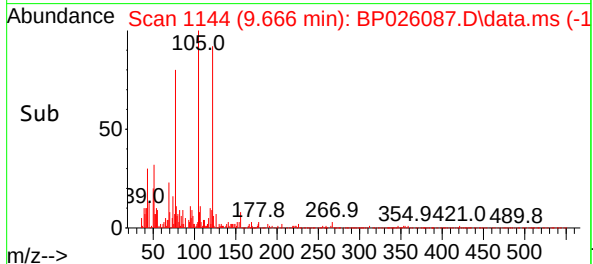
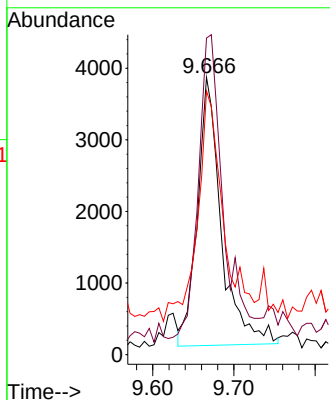
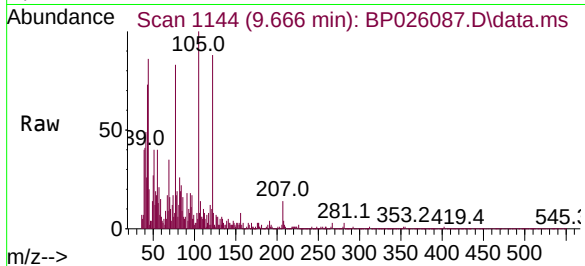




#32
Benzoic acid
Concen: 4.047 ng
RT: 9.666 min Scan# 1157
Delta R.T. -0.112 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

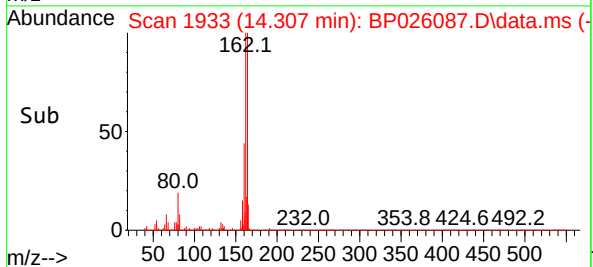
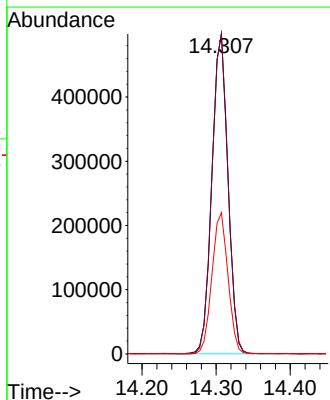
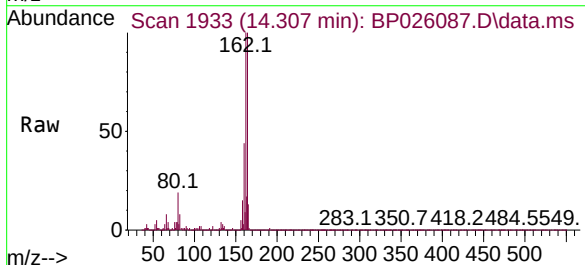
Instrument :
BNA_P
ClientSampleId :
MW-8

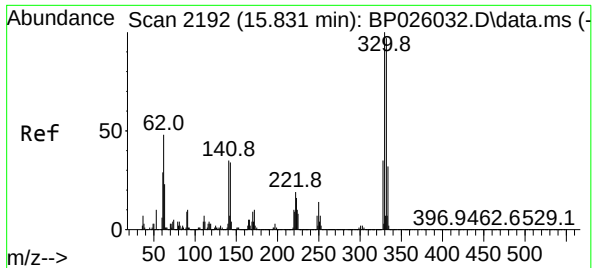
Tgt Ion:	122	Resp:	7661
Ion	Ratio	Lower	Upper
122	100		
105	114.2	104.8	144.8
77	95.1	70.9	110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:	164	Resp:	747328
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.5	122.3
160	44.2	36.2	54.4

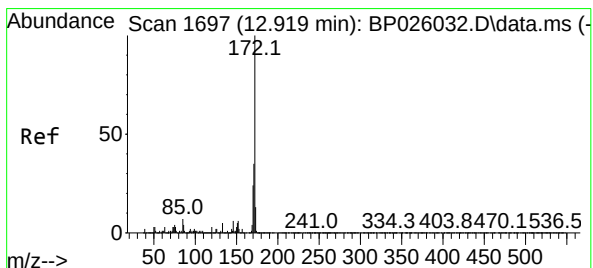
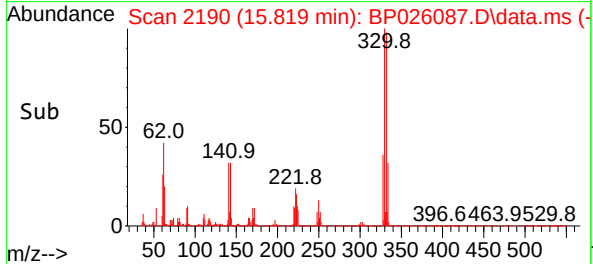
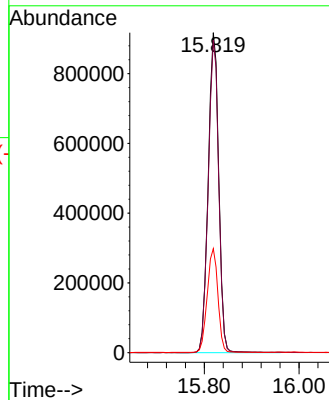
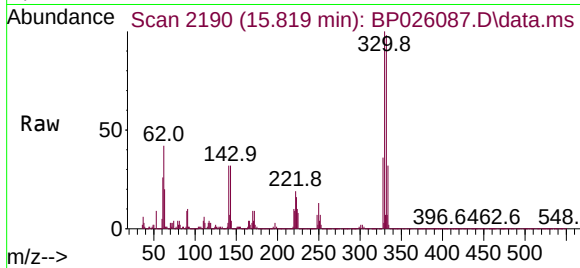




#42
2,4,6-Tribromophenol
Concen: 174.790 ng
RT: 15.819 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

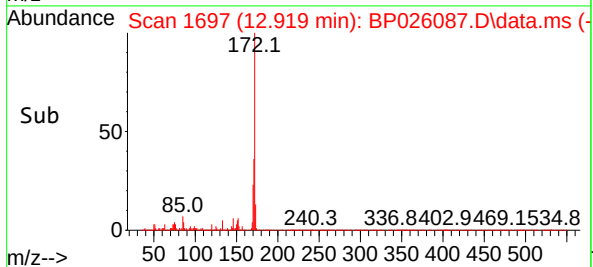
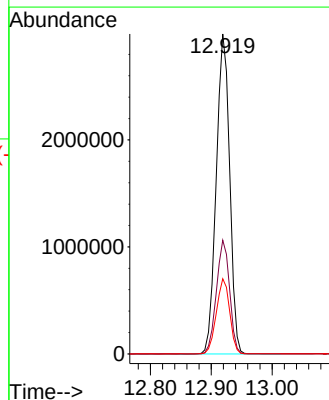
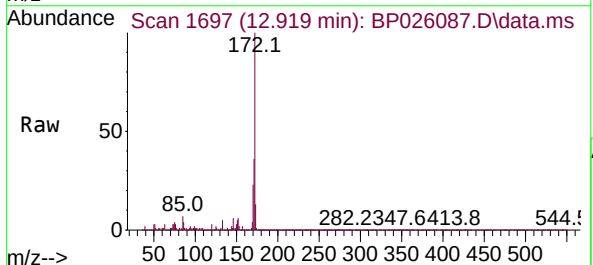
Instrument :
BNA_P
ClientSampleId :
MW-8

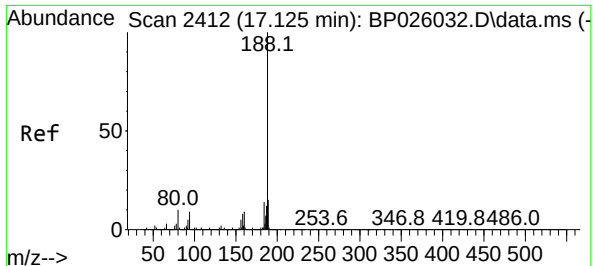
Tgt Ion:330 Resp: 1412192
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.0 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 87.896 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:172 Resp: 4571378
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 19.0 28.4

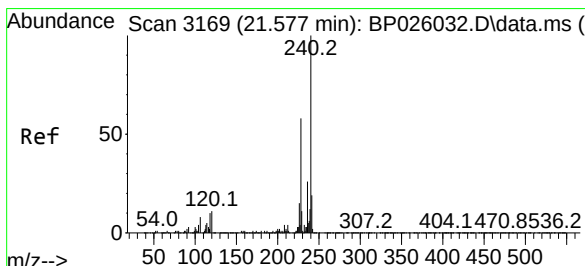
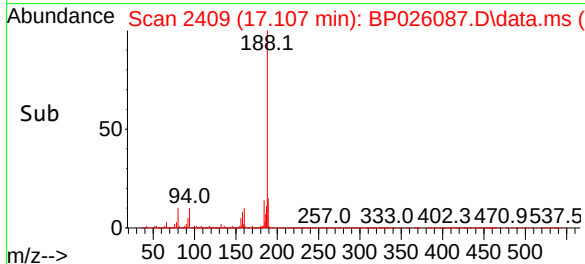
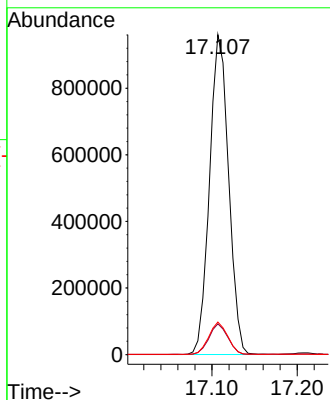
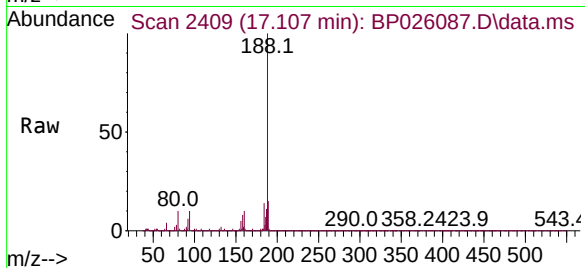




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2412
Delta R.T. -0.017 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

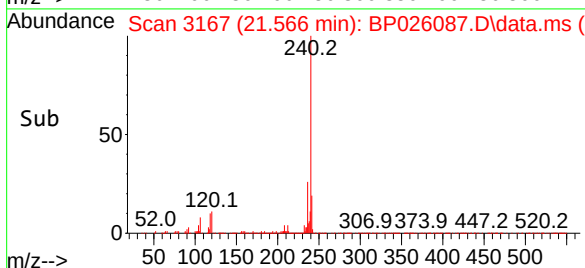
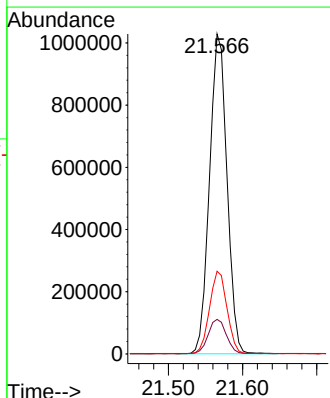
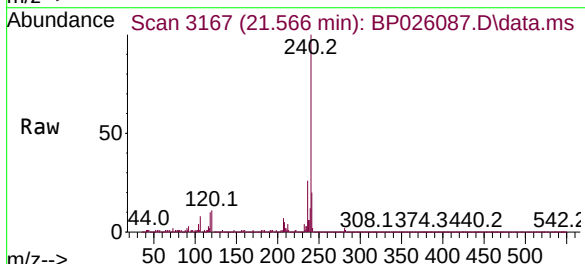
Instrument :
BNA_P
ClientSampleId :
MW-8

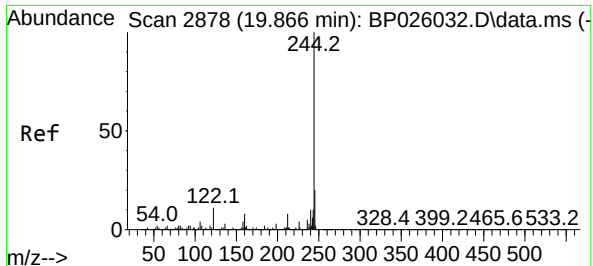
Tgt Ion:188 Resp: 1494853
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:240 Resp: 1682256
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.9 20.6 31.0

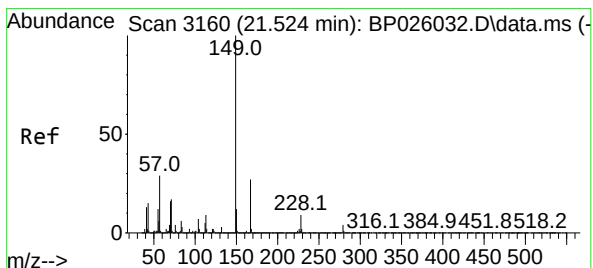
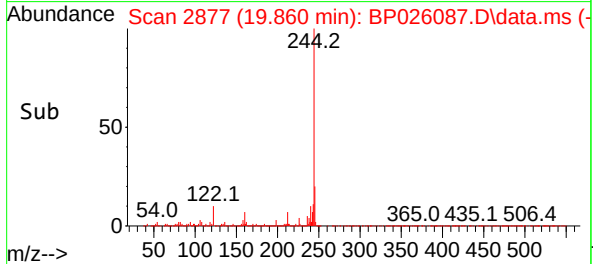
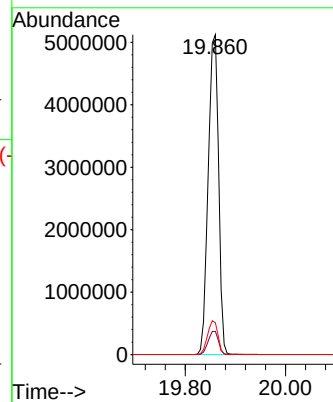
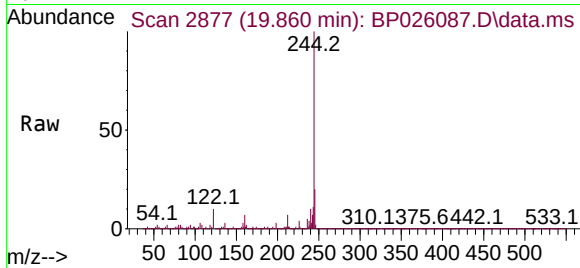




#79
 Terphenyl-d14
 Concen: 88.945 ng
 RT: 19.860 min Scan# 2878
 Delta R.T. -0.006 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

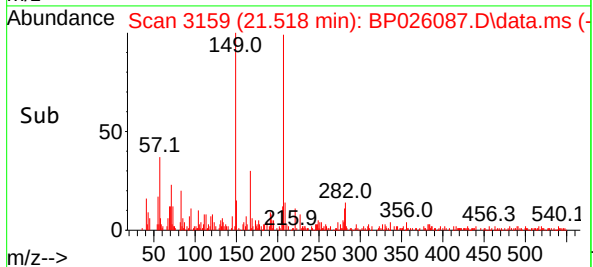
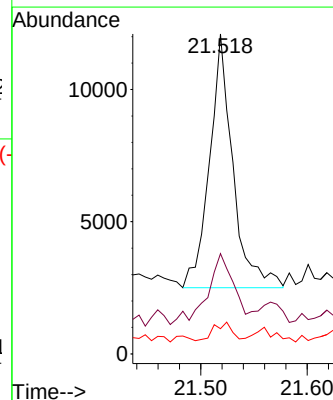
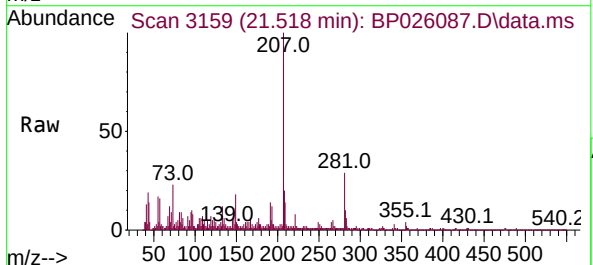
Instrument :
 BNA_P
 ClientSampleId :
 MW-8

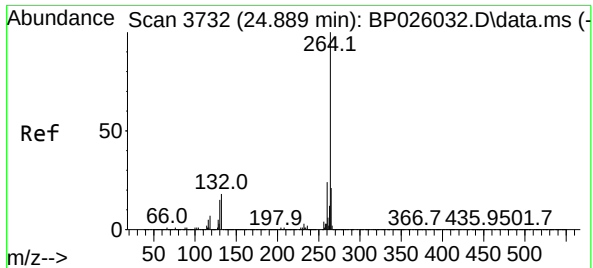
Tgt Ion:244 Resp: 7364724
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.0 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.801 ng
 RT: 21.518 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

Tgt Ion:149 Resp: 14632
 Ion Ratio Lower Upper
 149 100
 167 31.3 21.5 32.3
 279 7.9 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.889 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026087.D

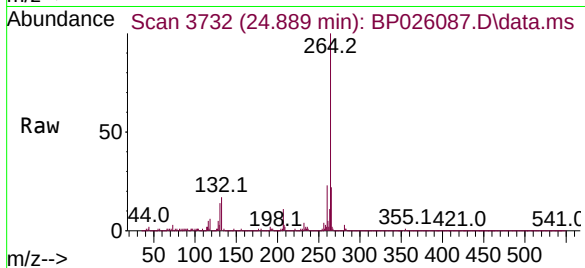
Acq: 06 Nov 2025 21:52

Instrument :

BNA_P

ClientSampleId :

MW-8



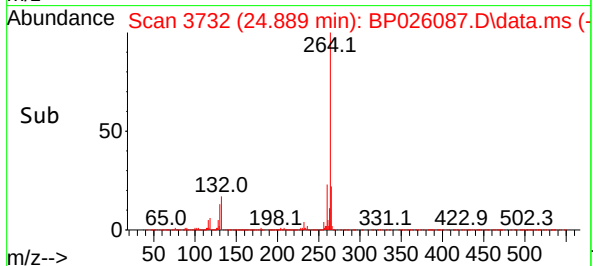
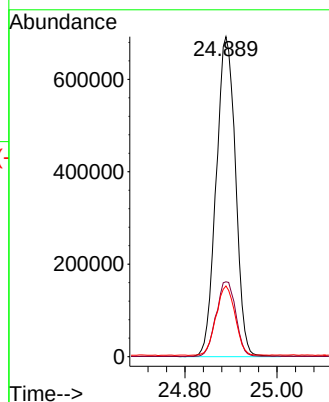
Tgt Ion:264 Resp: 2021321

Ion	Ratio	Lower	Upper

264	100		

260	23.4	19.1	28.7

265	22.1	17.2	25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026087.D
 Acq On : 06 Nov 2025 21:52
 Operator : RC/JU
 Sample : Q3552-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.231	46	50	60	rVB	175284	234648	1.20%	0.236%
2	4.596	274	282	287	rBV	158015	272029	1.39%	0.274%
3	5.296	394	401	411	rVB	3811215	5707569	29.08%	5.745%
4	6.855	659	666	677	rBV	3093372	5192238	26.46%	5.227%
5	7.678	799	806	814	rBV	1110840	1770479	9.02%	1.782%
6	8.425	927	933	944	rVB	1508470	2387128	12.16%	2.403%
7	8.813	992	999	1006	rVB	3613149	5827283	29.69%	5.866%
8	9.272	1071	1077	1084	rVB	174262	268946	1.37%	0.271%
9	10.443	1268	1276	1283	rBV	1432881	2400771	12.23%	2.417%
10	10.972	1360	1366	1374	rBV	207142	402227	2.05%	0.405%
11	12.919	1690	1697	1704	rBV	8609377	12940091	65.94%	13.026%
12	13.966	1869	1875	1882	rVB4	136194	221835	1.13%	0.223%
13	14.107	1894	1899	1908	rVB	284536	469151	2.39%	0.472%
14	14.307	1926	1933	1943	rVB	2050573	3169319	16.15%	3.190%
15	15.495	2131	2135	2142	rVB	195500	262999	1.34%	0.265%
16	15.689	2163	2168	2174	rVB	504648	726411	3.70%	0.731%
17	15.819	2183	2190	2199	rBV	6800753	10603622	54.03%	10.674%
18	16.519	2305	2309	2314	rBV	197499	274635	1.40%	0.276%
19	17.107	2403	2409	2416	rVB2	2318737	3684374	18.77%	3.709%
20	17.313	2439	2444	2451	rBV2	164128	274699	1.40%	0.277%
21	17.389	2452	2457	2462	rVV	204114	322546	1.64%	0.325%
22	17.825	2526	2531	2540	rVB2	319588	512705	2.61%	0.516%
23	17.930	2545	2549	2556	rVV	297283	450936	2.30%	0.454%
24	18.072	2568	2573	2582	rBV	1884193	3004638	15.31%	3.025%
25	18.166	2586	2589	2602	rVB2	200268	353267	1.80%	0.356%
26	18.289	2604	2610	2622	rBV	2621880	3937264	20.06%	3.963%
27	19.277	2775	2778	2786	rVB2	280398	435837	2.22%	0.439%
28	19.413	2796	2801	2813	rBV	467166	786558	4.01%	0.792%
29	19.860	2870	2877	2882	rBV	13603916	19623874	100.00%	19.754%
30	21.260	3111	3115	3124	rBV	882708	1210781	6.17%	1.219%
31	21.566	3162	3167	3176	rVB2	2709068	4492961	22.90%	4.523%
32	23.442	3480	3486	3494	rVB	803615	1722838	8.78%	1.734%
33	24.889	3723	3732	3748	rVB	1818701	5395737	27.50%	5.432%

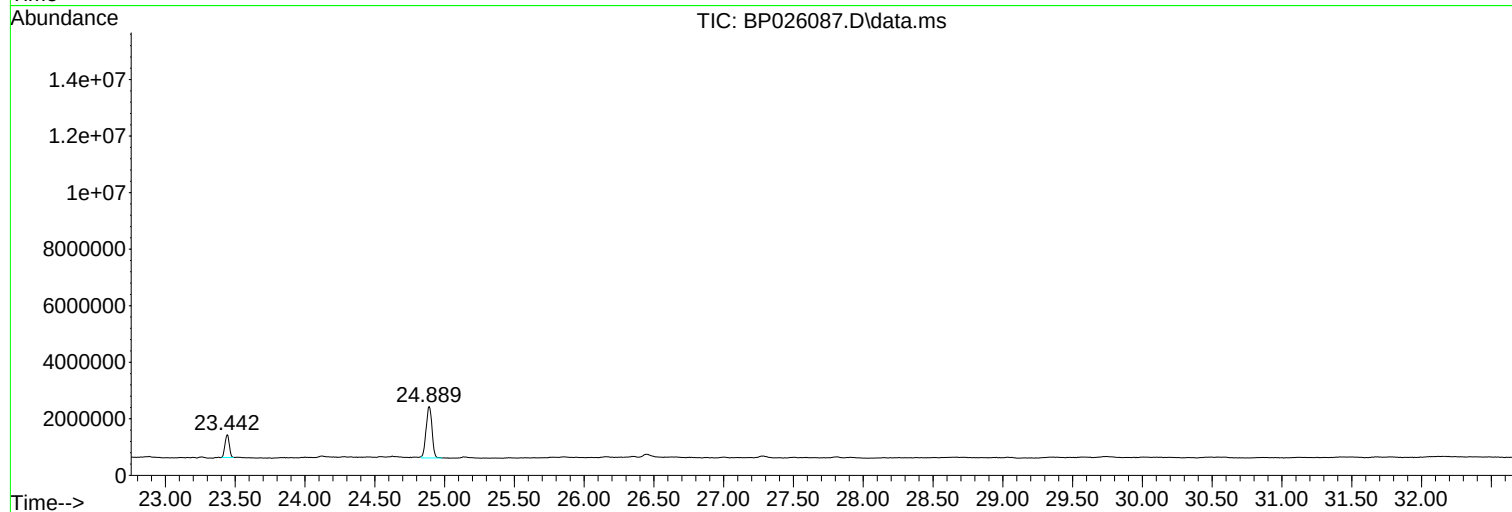
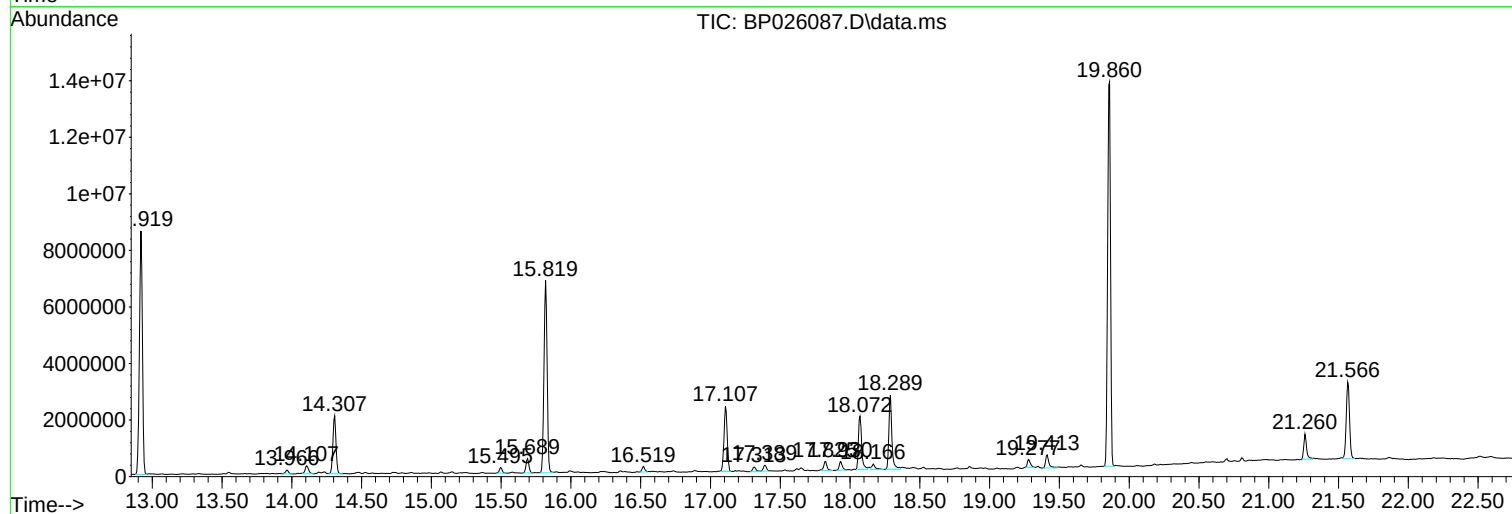
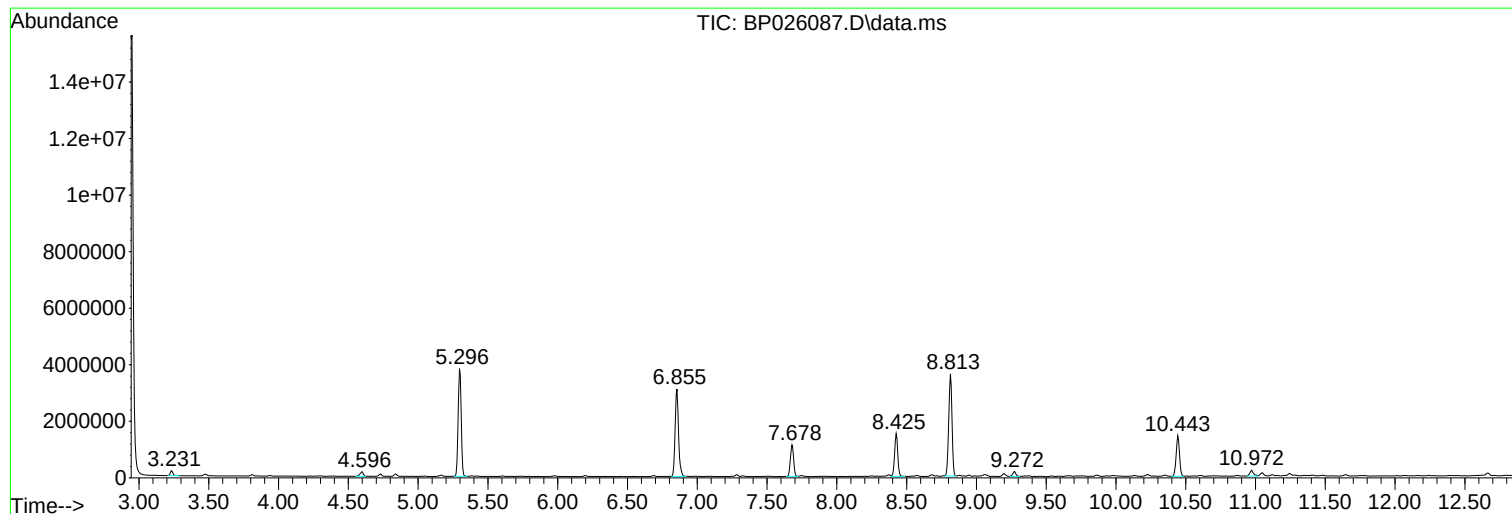
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Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Sample : Q3552-02
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ClientSampleId :
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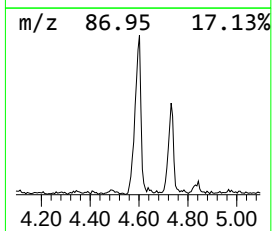
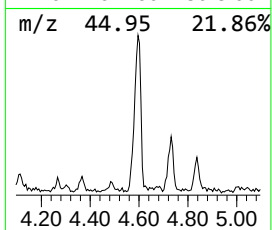
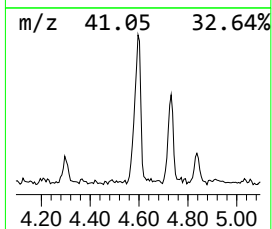
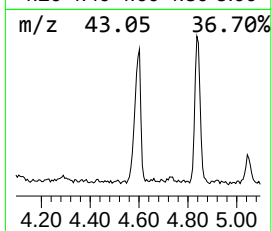
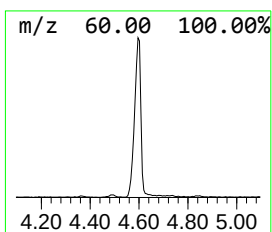
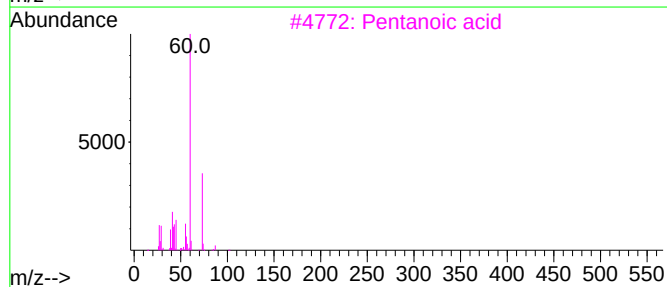
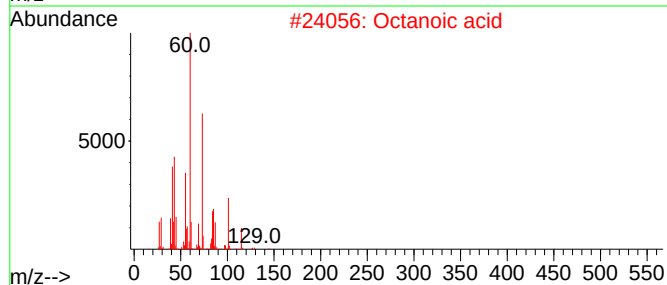
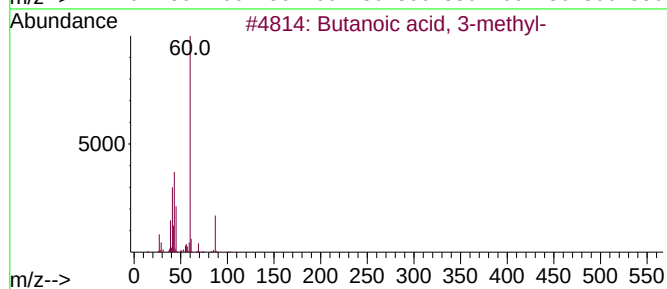
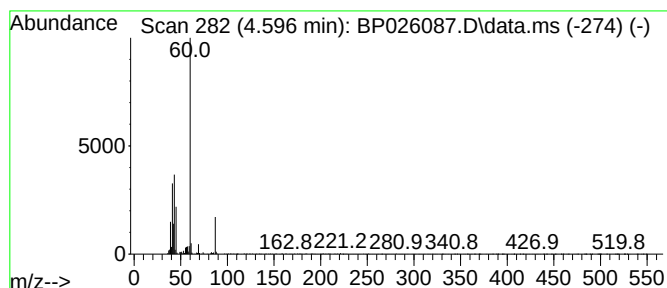
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.596	3.07 ng	272029	1,4-Dichlorobenzene-d4	7.678

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2			Octanoic acid	144	C8H16O2	000124-07-2	38
3			Pentanoic acid	102	C5H10O2	000109-52-4	38
4			Heptanoic acid	130	C7H14O2	000111-14-8	36
5			Urea, N-methyl-N-nitroso-	103	C2H5N3O2	000684-93-5	36



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
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Acq On : 06 Nov 2025 21:52
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Sample : Q3552-02
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Instrument :
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ClientSampleId :
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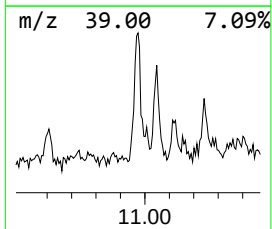
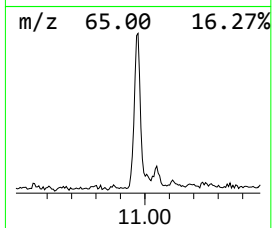
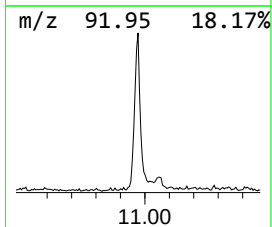
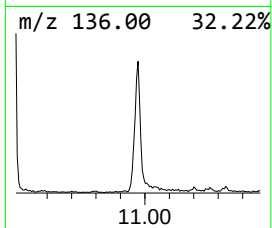
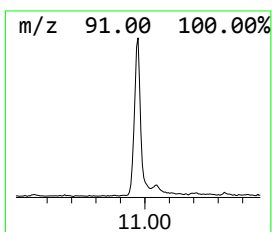
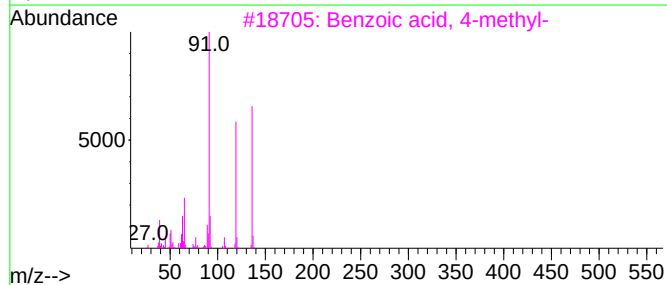
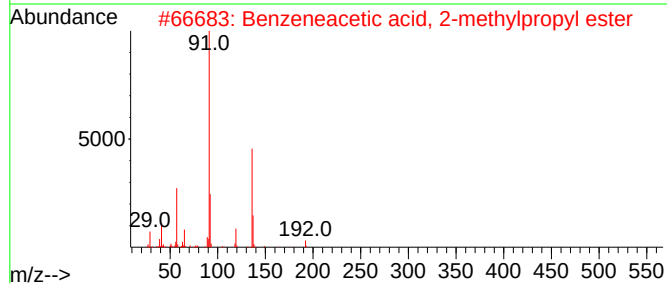
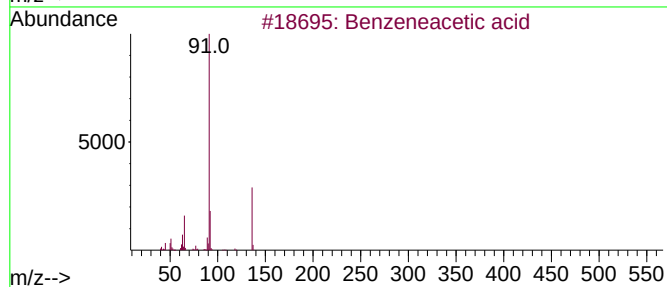
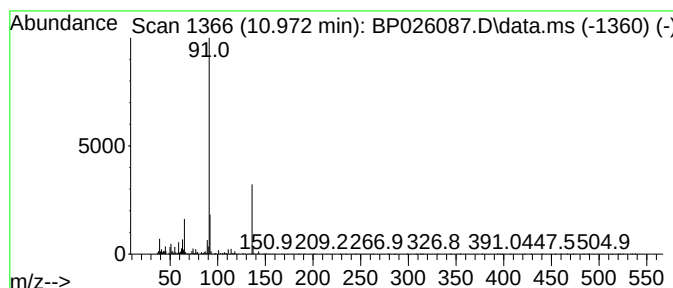
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzeneacetic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.972	3.35 ng	402227	Naphthalene-d8	10.443

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetic acid	136	C8H8O2	000103-82-2	93
2			Benzeneacetic acid, 2-methylprop...	192	C12H16O2	000102-13-6	59
3			Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	53
4			Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	49
5			Benzeneacetaldehyde	120	C8H8O	000122-78-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
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Instrument :
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ClientSampleId :
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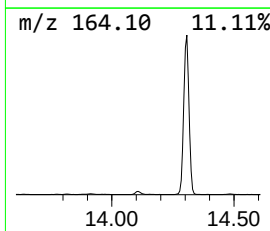
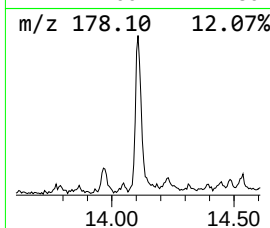
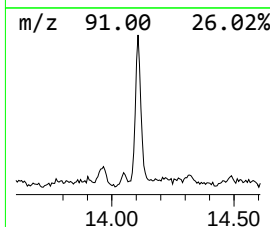
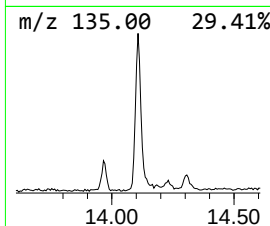
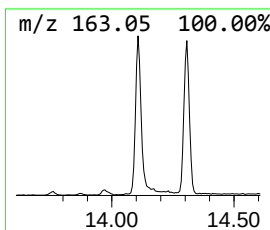
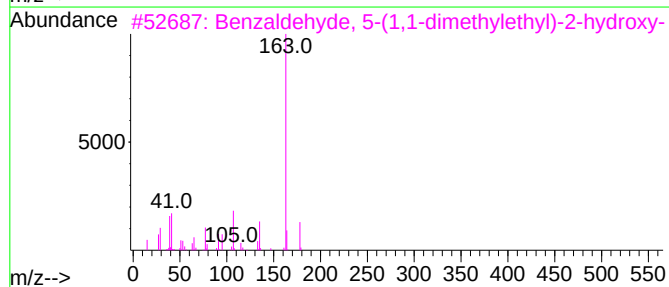
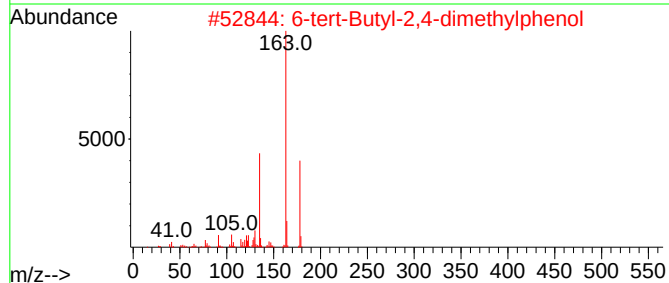
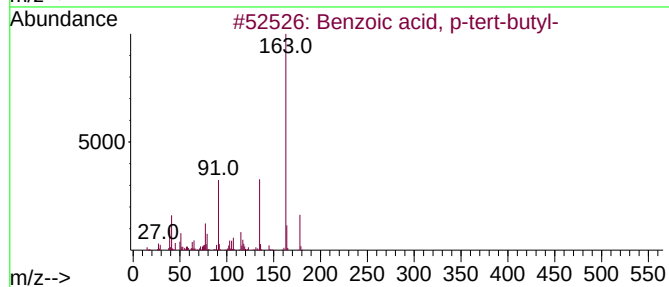
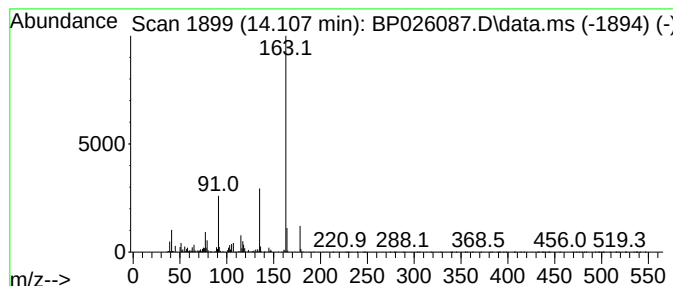
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzoic acid, p-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.107	2.96 ng	469151	Acenaphthene-d10	14.307

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	80
3			Benzaldehyde, 5-(1,1-dimethylethyl)-	178	C11H14O2	002725-53-3	80
4			Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	64
5			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
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Sample : Q3552-02
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Instrument :
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ClientSampleId :
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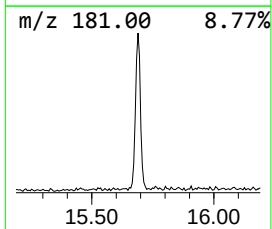
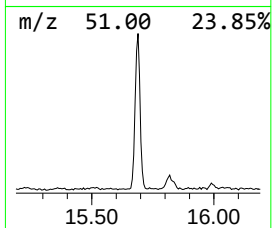
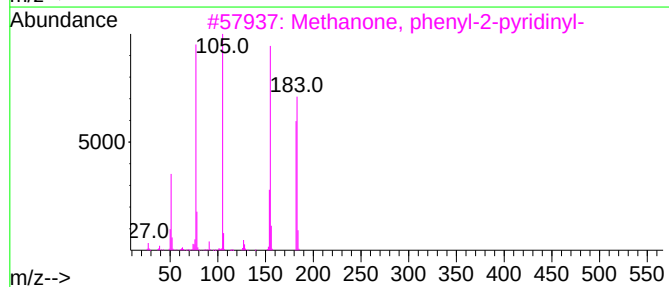
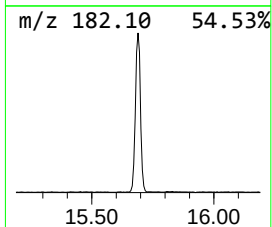
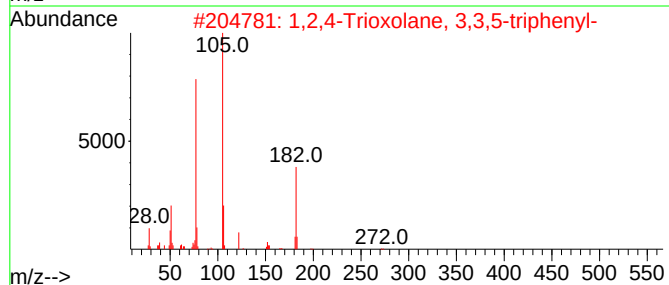
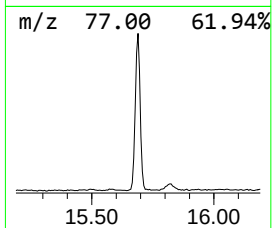
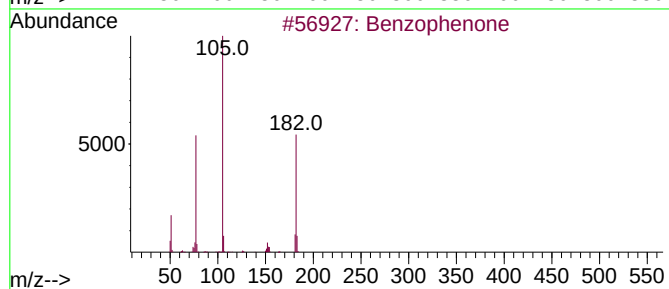
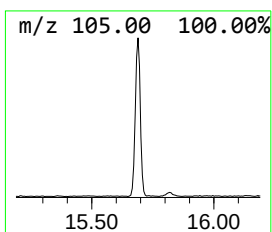
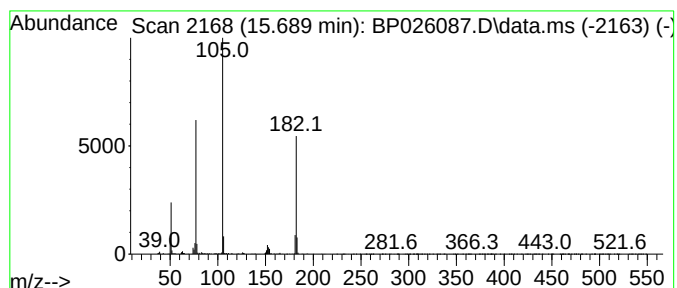
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.689	4.58 ng	726411	Acenaphthene-d10	14.307

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5			Azobenzene	182	C12H10N2	000103-33-3	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
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Sample : Q3552-02
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ClientSampleId :
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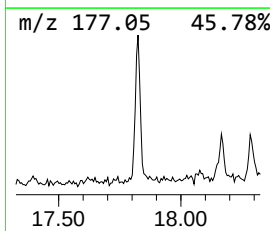
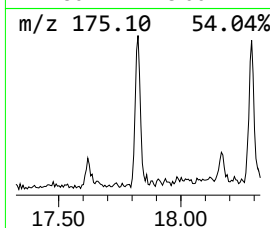
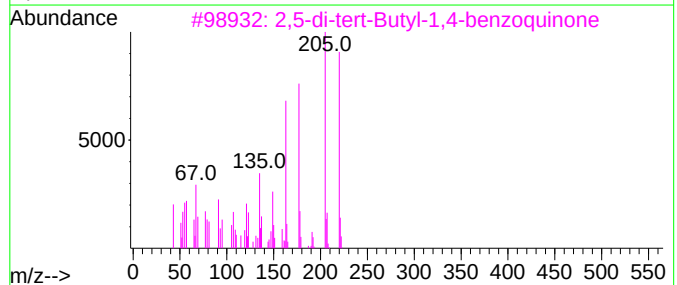
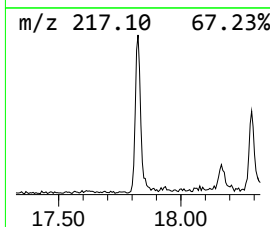
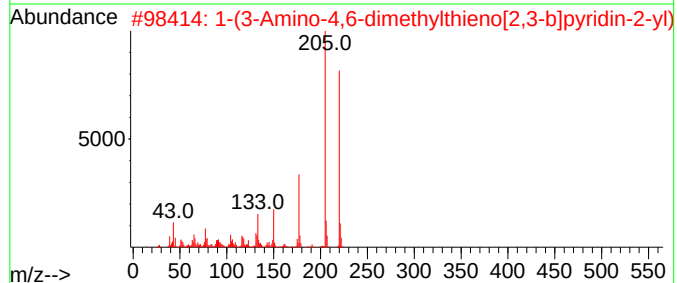
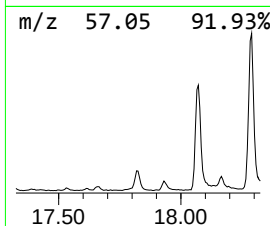
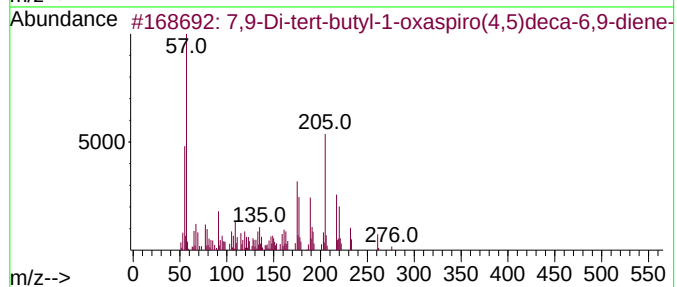
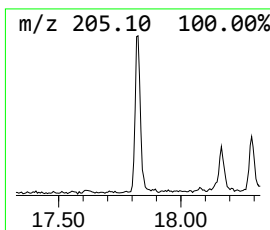
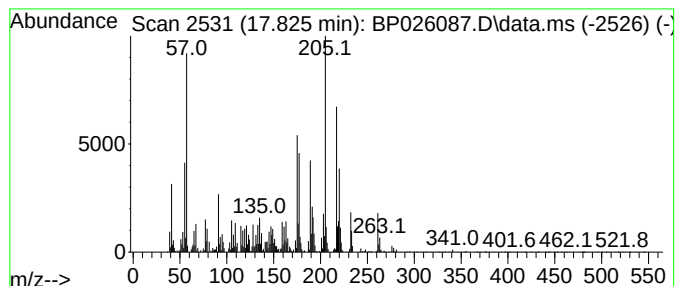
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.825	2.78 ng	512705	Phenanthrene-d10	17.107

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2			1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	55
3			2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	50
4			Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	45
5			(1R,3aR,5aR,9aS)-1,4,4,7-Tetrame...	220	C15H24O	104188-25-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
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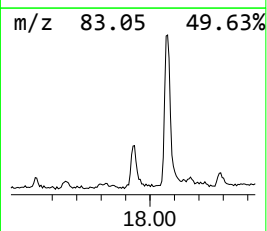
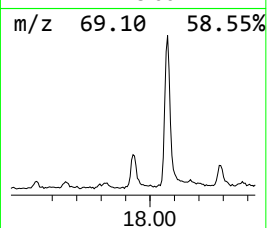
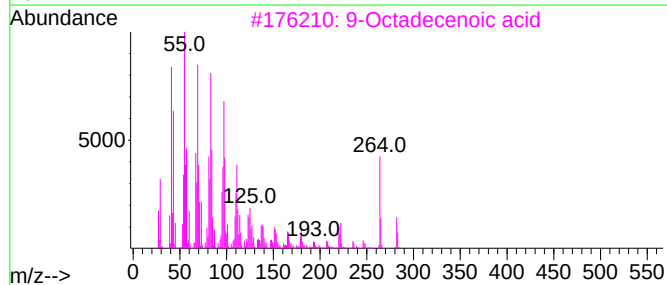
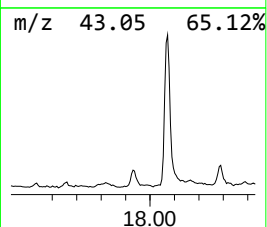
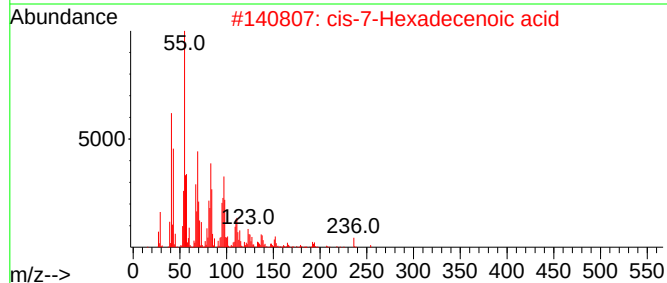
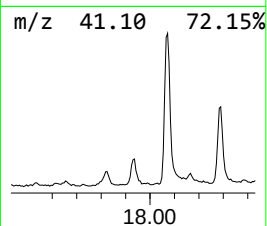
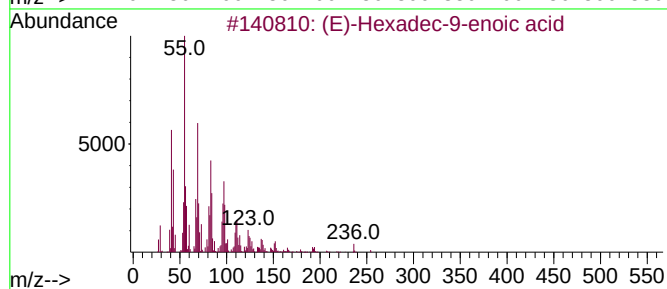
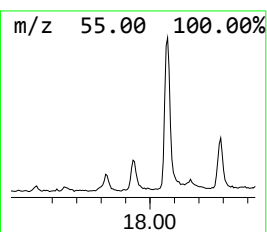
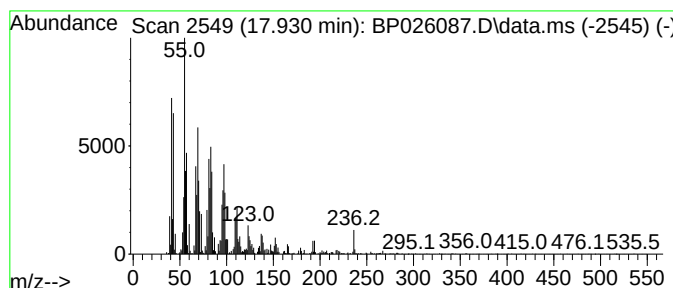
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (E)-Hexadec-9-enoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.930	2.45 ng	450936	Phenanthrene-d10	17.107	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	94
4	Palmitoleic acid	254	C16H30O2	000373-49-9	91
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
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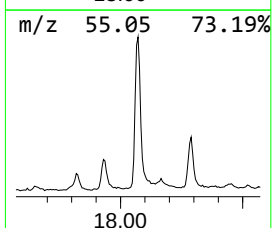
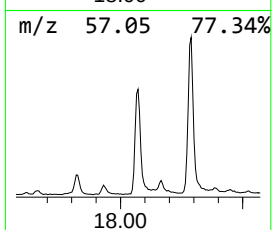
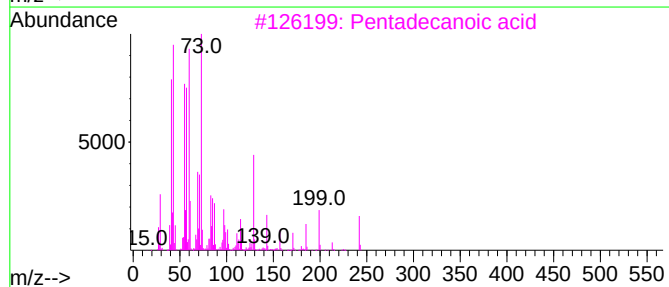
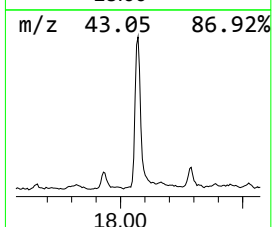
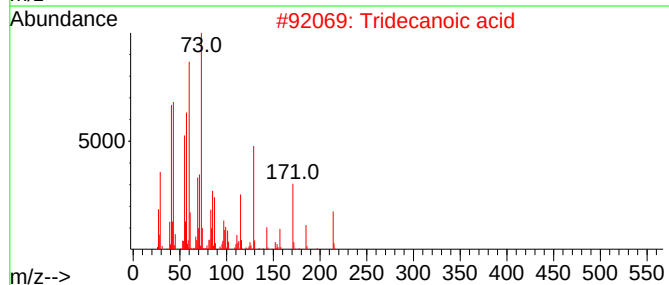
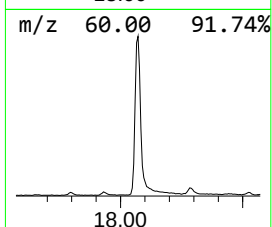
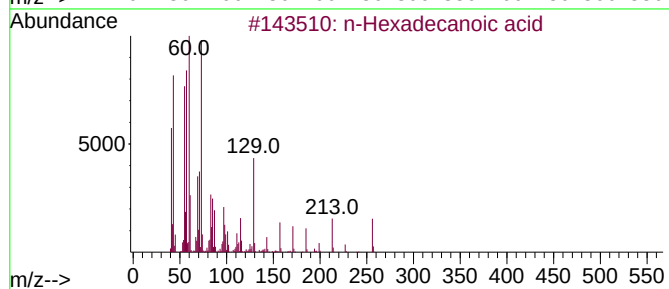
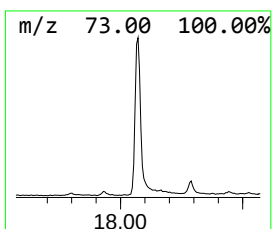
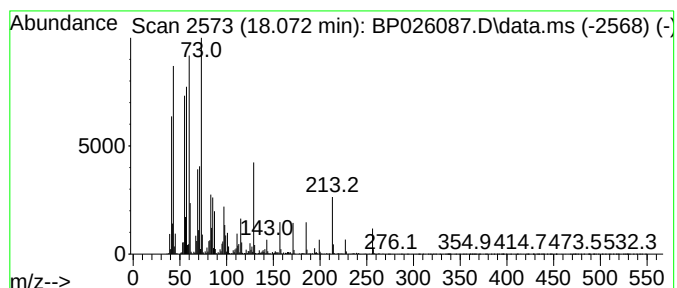
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BNA_P
ClientSampleId :
MW-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.072	16.31 ng	3004640	Phenanthrene-d10		17.107	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
4	Undecanoic acid		186	C11H22O2	000112-37-8	80
5	n-Decanoic acid		172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

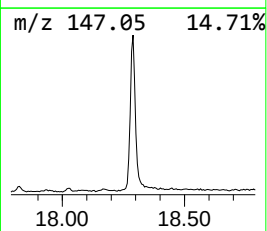
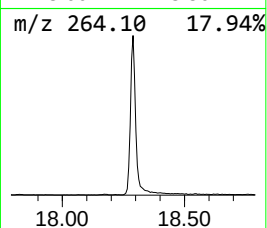
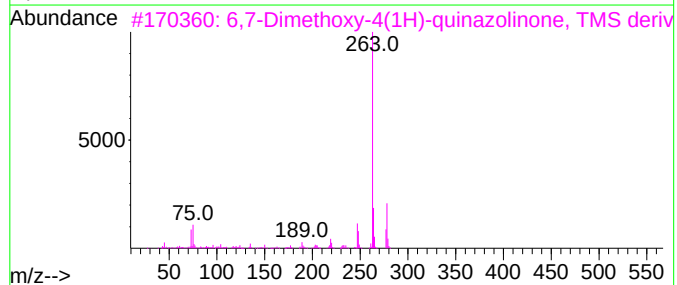
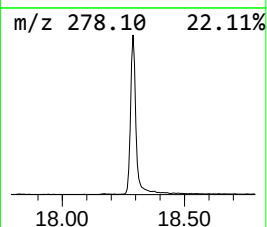
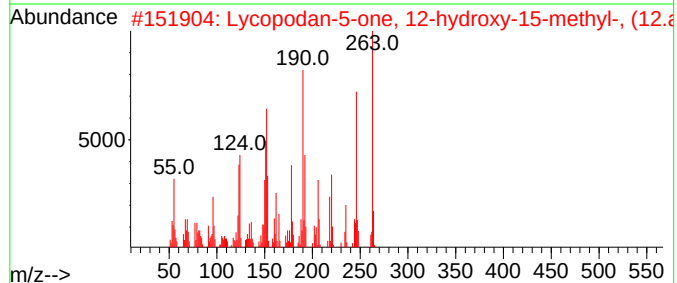
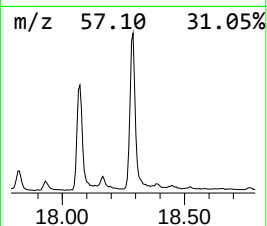
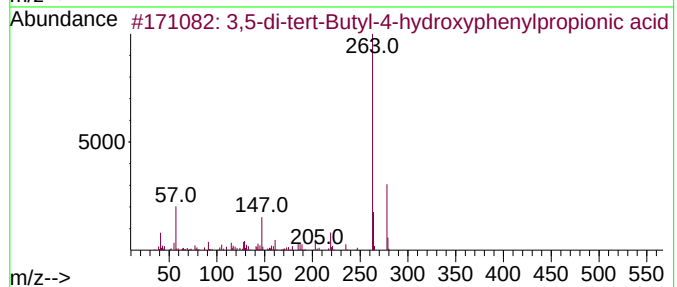
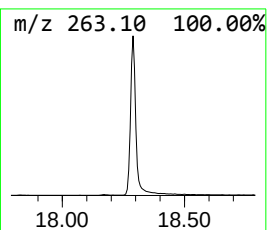
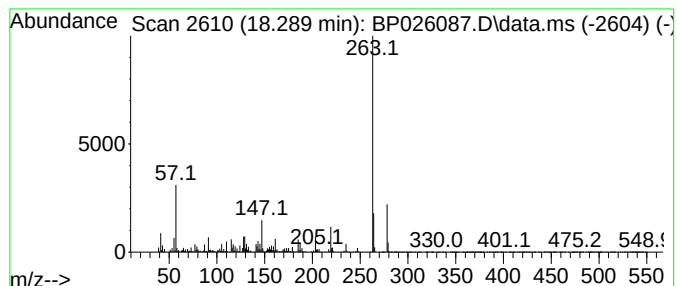
Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.289	21.37 ng	3937260	Phenanthrene-d10	17.107	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	91
3	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	72
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	64
5	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

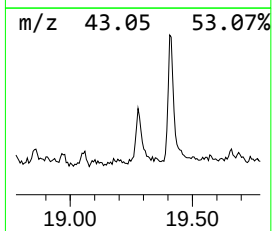
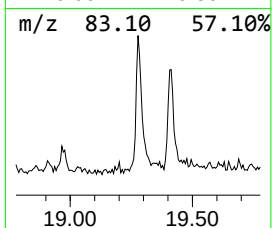
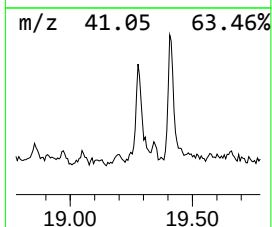
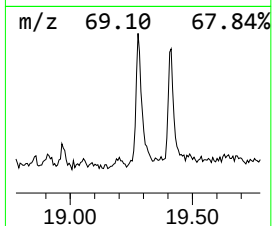
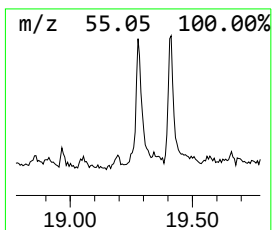
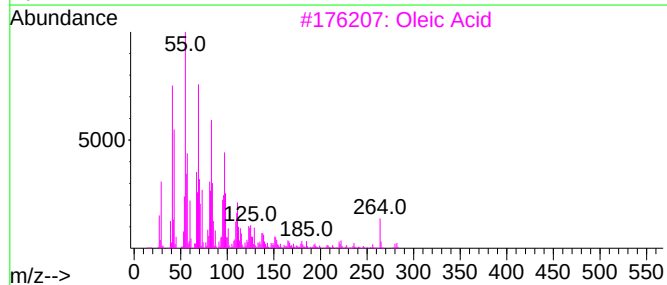
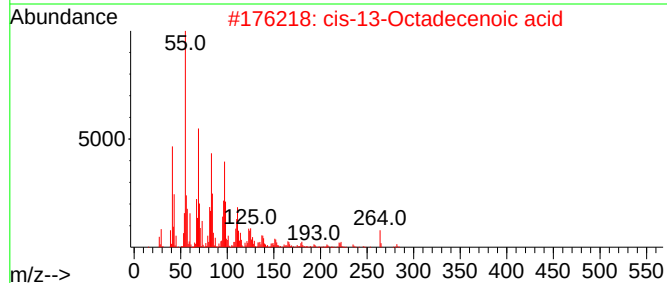
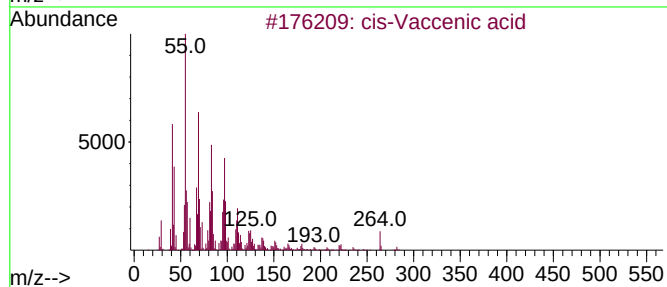
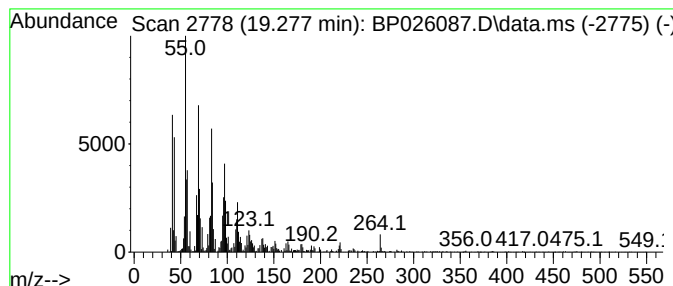
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 cis-Vaccenic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.277	2.37 ng	435837	Phenanthrene-d10	17.107

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
2			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	94
3			Oleic Acid	282	C18H34O2	000112-80-1	94
4			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
5			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

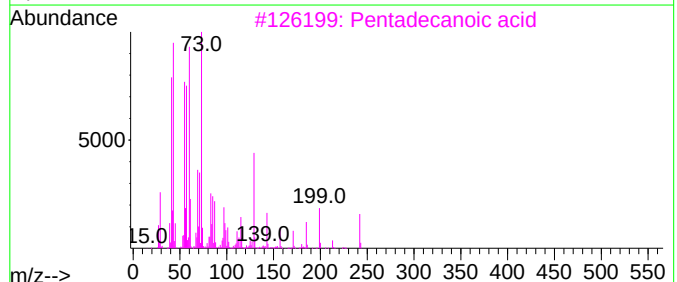
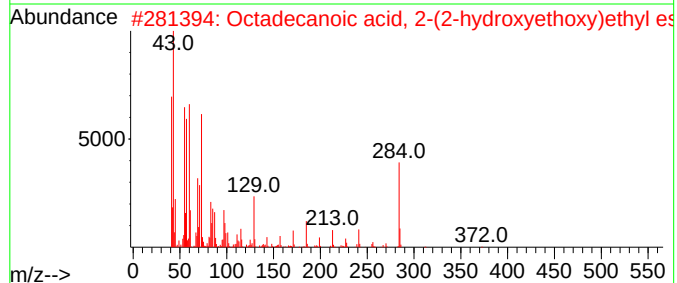
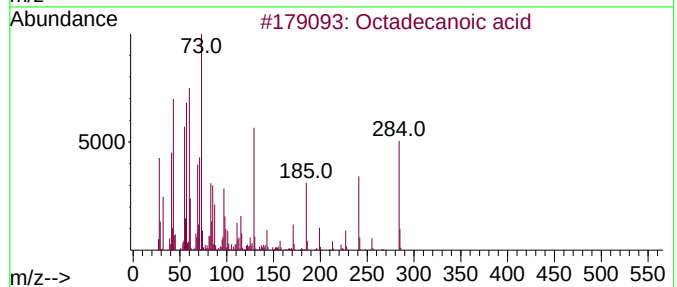
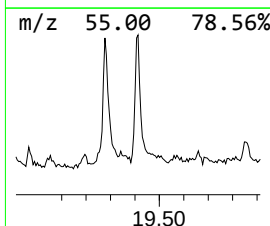
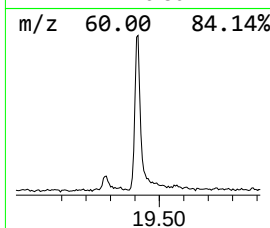
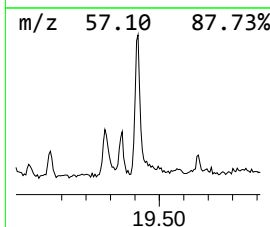
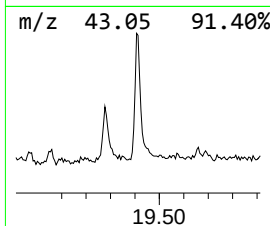
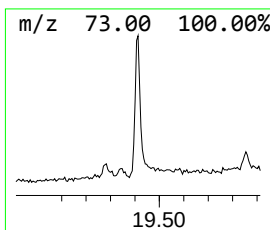
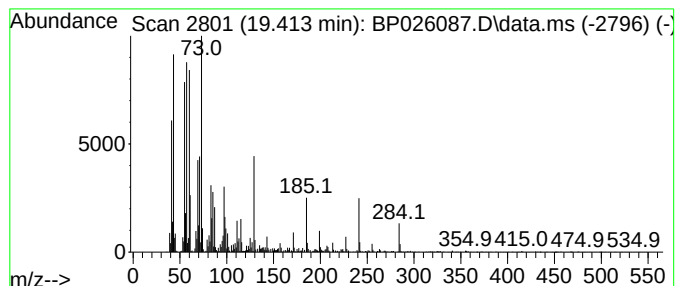
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.413	3.50 ng	786558	Chrysene-d12	21.566

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

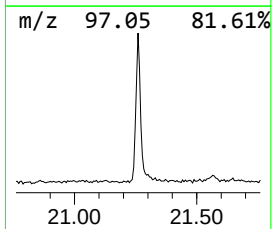
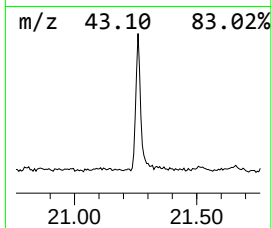
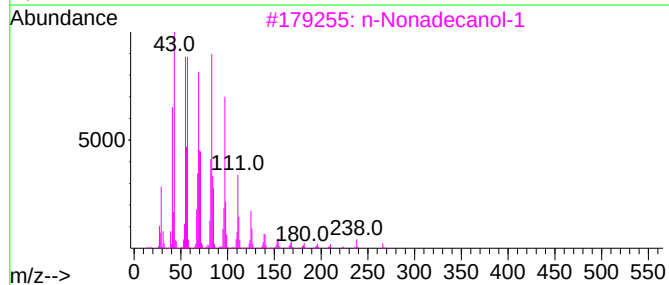
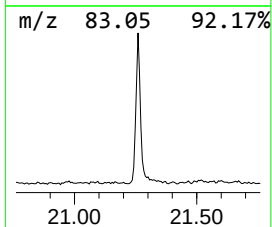
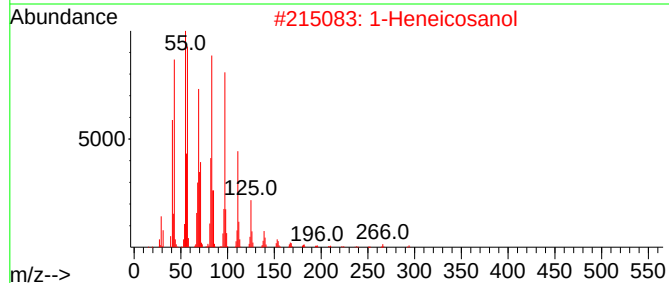
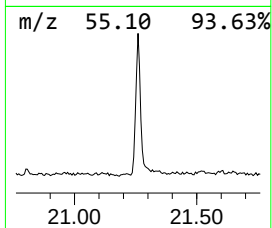
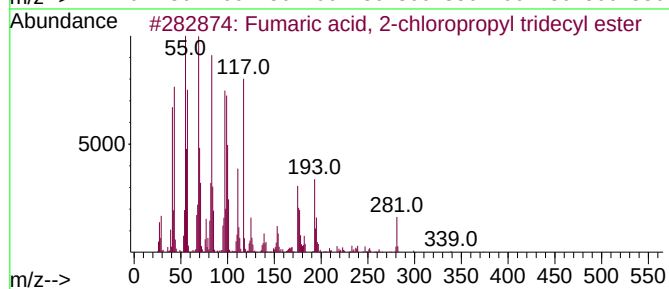
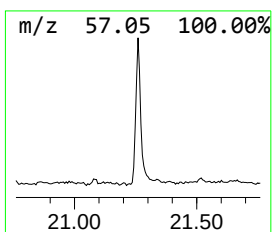
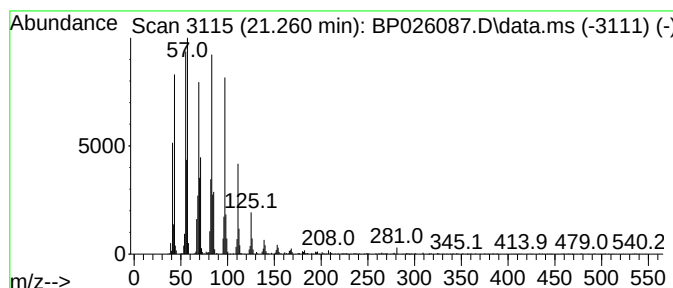
Instrument :
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ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Fumaric acid, 2-chloropropy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.260	5.39 ng	1210780	Chrysene-d12	21.566	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	95
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

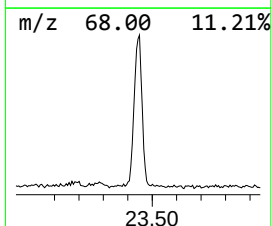
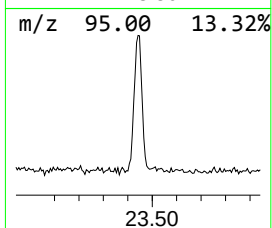
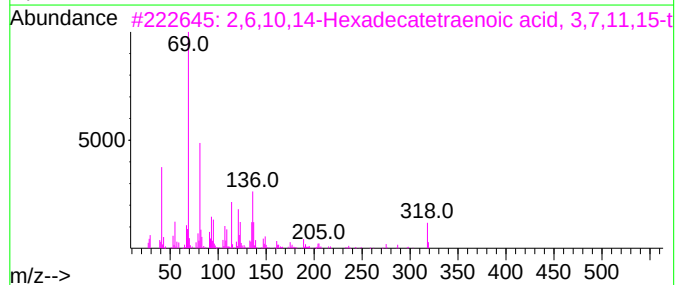
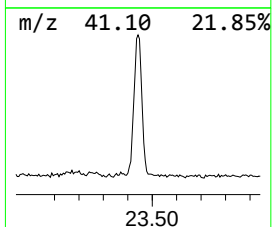
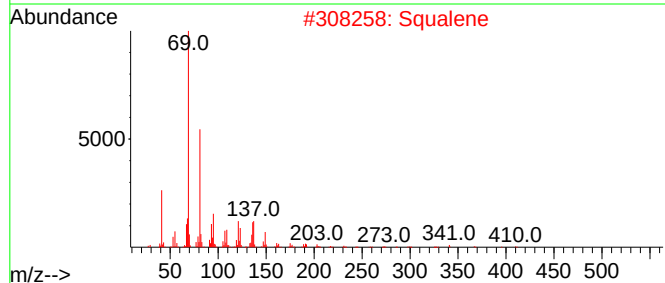
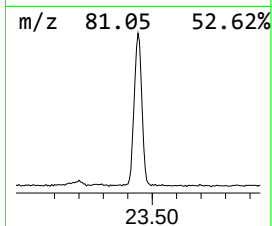
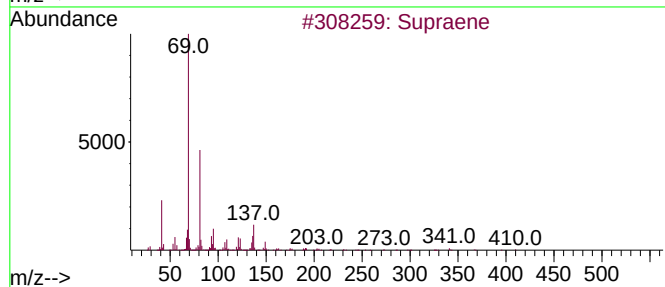
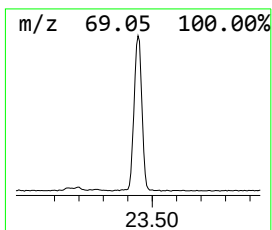
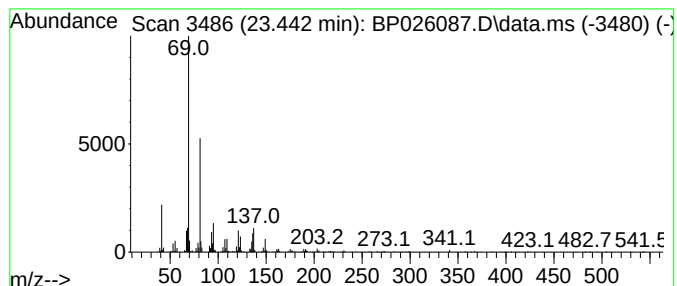
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.442	6.39 ng	1722840	Perylene-d12	24.889

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	91
3			2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	78
4			Farnesol isomer a	222	C15H26O	1000108-92-4	64
5			2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanoic acid, ...	4.596	3.1	ng	272029	1	7.678	1770480	20.0
Benzeneacetic acid	10.972	3.4	ng	402227	2	10.443	2400770	20.0
Benzoic acid, p...	14.107	3.0	ng	469151	3	14.307	3169320	20.0
Benzophenone	15.689	4.6	ng	726411	3	14.307	3169320	20.0
7,9-Di-tert-but...	17.825	2.8	ng	512705	4	17.107	3684370	20.0
(E)-Hexadec-9-e...	17.930	2.5	ng	450936	4	17.107	3684370	20.0
n-Hexadecanoic ...	18.072	16.3	ng	3004640	4	17.107	3684370	20.0
3,5-di-tert-But...	18.289	21.4	ng	3937260	4	17.107	3684370	20.0
cis-Vaccenic acid	19.277	2.4	ng	435837	4	17.107	3684370	20.0
Octadecanoic acid	19.413	3.5	ng	786558	5	21.566	4492960	20.0
Fumaric acid, 2...	21.260	5.4	ng	1210780	5	21.566	4492960	20.0
Supraene	23.442	6.4	ng	1722840	6	24.889	5395740	20.0

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25	
Project: Edison Landfill	Date Received: 11/05/25	
Client Sample ID: MW-9	SDG No.: Q3552	
Lab Sample ID: Q3552-03	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 17:53	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 17:53	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 17:53	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:53	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:53	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:53	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 17:53	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:53	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 17:53	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 17:53	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 17:53	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:53	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 17:53	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:53	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:53	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:53	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:53	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 17:53	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 17:53	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:53	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:53	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 17:53	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 17:53	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 17:53	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 17:53	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 17:53	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:53	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:53	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 17:53	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:53	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:53	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 17:53	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 17:53	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:53	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:53	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:53	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 17:53	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 17:53	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 17:53	PB170424



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/05/25
Client Sample ID:	MW-9		SDG No.:	Q3552
Lab Sample ID:	Q3552-03		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:53	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 17:53	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:53	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:53	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 17:53	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:53	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:53	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:53	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 17:53	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:53	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:53	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 17:53	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 17:53	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 17:53	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/06/25 17:53	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 17:53	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 17:53	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 17:53	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:53	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:53	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 17:53	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:53	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:53	PB170424
123-91-1	1,4-Dioxane	25.6		1	1.00	5.00	ug/L	11/06/25 17:53	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:53	PB170424

SURROGATES

367-12-4	2-Fluorophenol	73.3		15 (23) - 110 (138)	49%	SPK: 150
13127-88-3	Phenol-d6	48.7		15 (10) - 110 (134)	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.0		30 (67) - 130 (132)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.4		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	65.7		30 (42) - 130 (152)	66%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	61100
1146-65-2	Naphthalene-d8	222000
15067-26-2	Acenaphthene-d10	112000
1517-22-2	Phenanthrene-d10	176000
1719-03-5	Chrysene-d12	162000
1520-96-3	Perylene-d12	217000

TENTATIVE IDENTIFIED COMPOUNDS

003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	20.4	J	7.70	ug/L
000094-71-3	Phenol, 2-ethoxy-	73.8	J	7.84	ug/L



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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
002563-07-7	2-Ethoxy-4-methylphenol	23.4	J			8.49	ug/L		
000098-54-4	Phenol, p-tert-butyl-	5.10	J			8.72	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	5.70	J			9.83	ug/L		
000134-62-3	Diethyltoluamide	14.9	J			10.3	ug/L		
015687-27-1	Ibuprofen	77.1	J			10.5	ug/L		
000934-34-9	2(3H)-Benzothiazolone	18.0	J			10.8	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	9.70	J			11.0	ug/L		
003622-84-2	Benzenesulfonamide, N-butyl-	25.8	J			11.3	ug/L		
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	4.90	J			11.7	ug/L		
000057-10-3	n-Hexadecanoic acid	11.3	J			11.9	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	35.5	J			12.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	7.20	J			12.9	ug/L		
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	6.40	J			13.6	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Nov 07 00:01:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

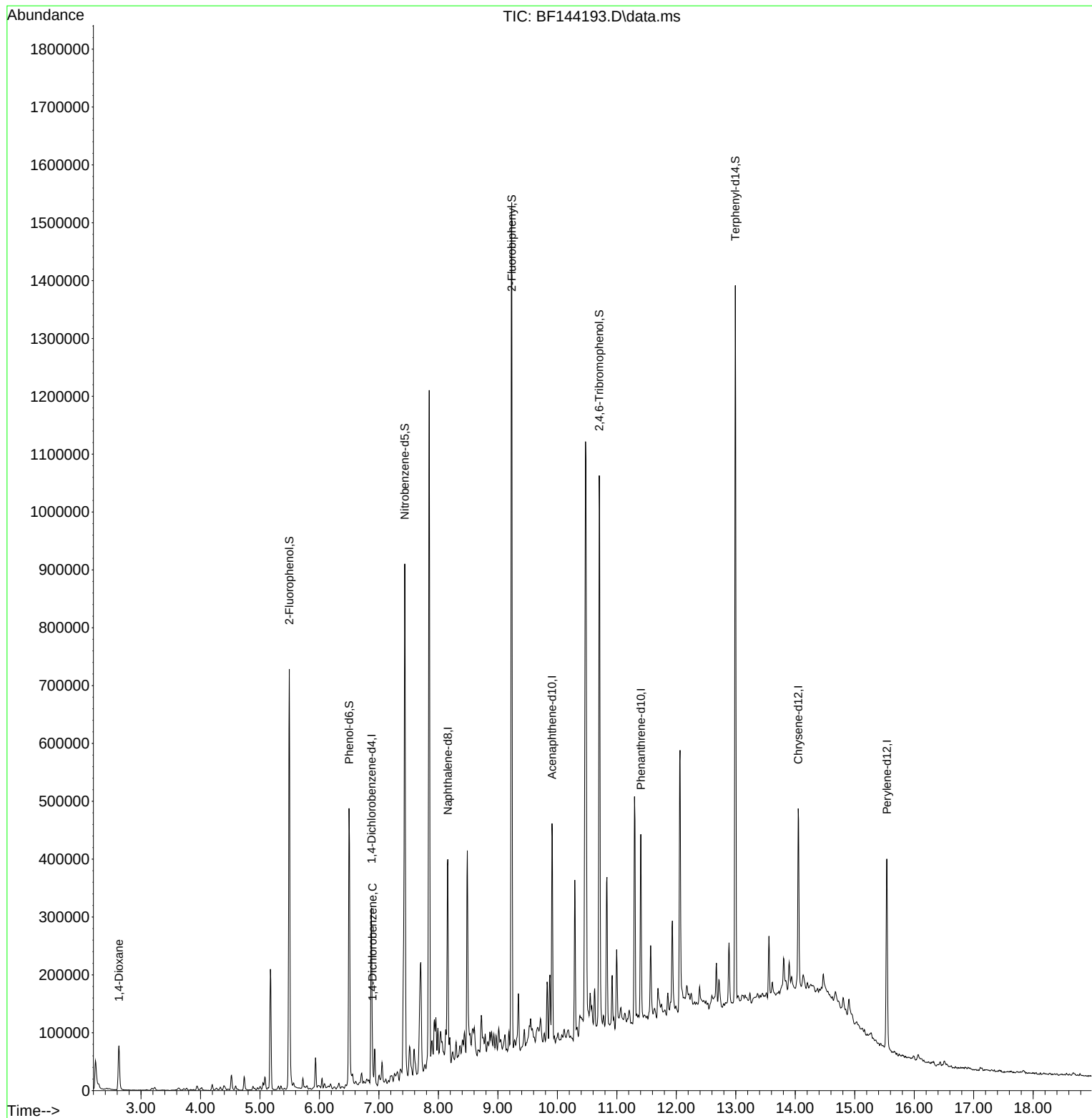
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61143	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	221818	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112288	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	175620	20.000	ng	0.00
76) Chrysene-d12	14.051	240	162091	20.000	ng	0.00
86) Perylene-d12	15.539	264	216815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	286460	73.316	ng	0.00
7) Phenol-d6	6.498	99	215740	48.731	ng	0.00
23) Nitrobenzene-d5	7.434	82	353401	92.015	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	176078	124.959	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	702796	92.439	ng	0.00
79) Terphenyl-d14	12.992	244	670155	65.672	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	41311	25.574	ng	97
13) 1,4-Dichlorobenzene	6.893	146	17263	3.644	ng	99

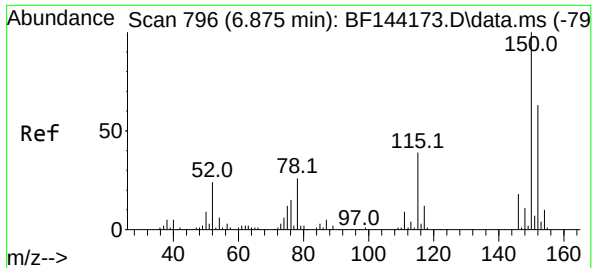
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Nov 07 00:01:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

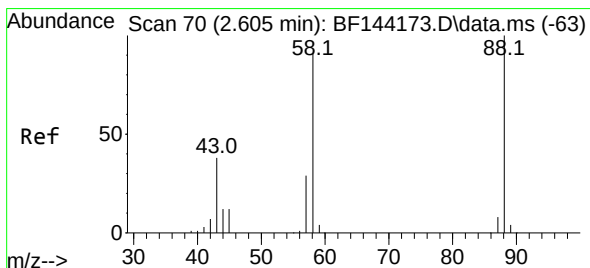
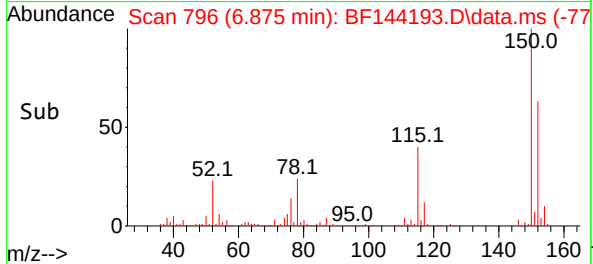
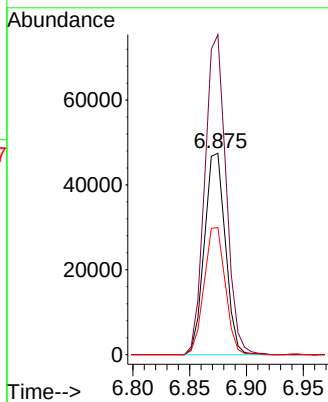
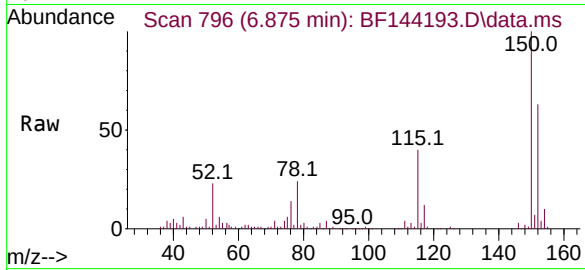




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

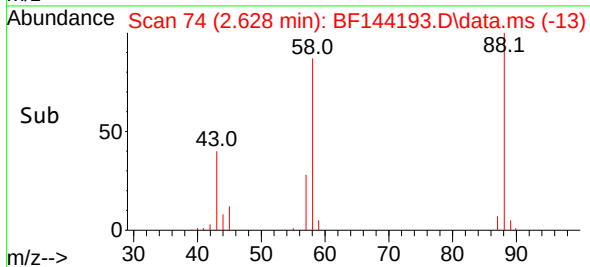
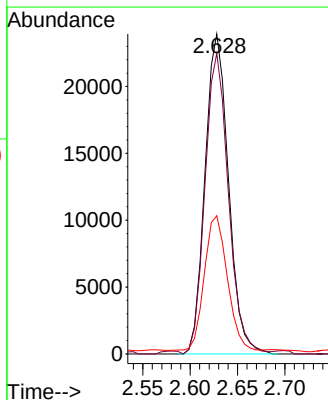
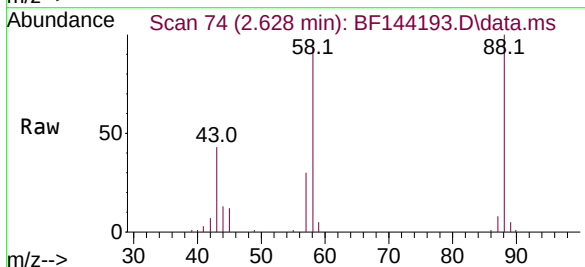
Instrument :
BNA_F
ClientSampleId :
MW-9

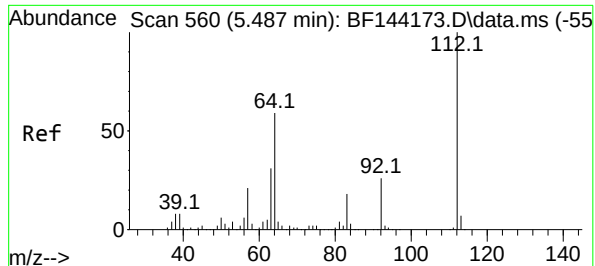
Tgt Ion:152 Resp: 61143
Ion Ratio Lower Upper
152 100
150 158.9 127.4 191.0
115 63.1 49.5 74.3



#2
1,4-Dioxane
Concen: 25.574 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion: 88 Resp: 41311
Ion Ratio Lower Upper
88 100
58 93.7 73.1 109.7
43 41.0 31.0 46.6





#5

2-Fluorophenol

Concen: 73.316 ng

RT: 5.493 min Scan# 560

Delta R.T. -0.000 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

Instrument :

BNA_F

ClientSampleId :

MW-9

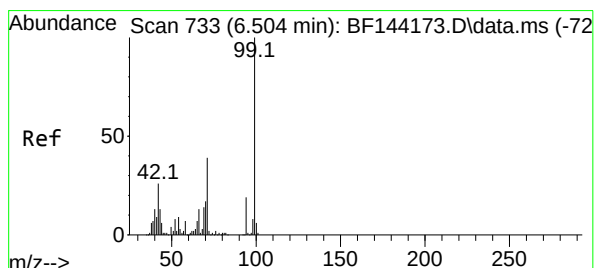
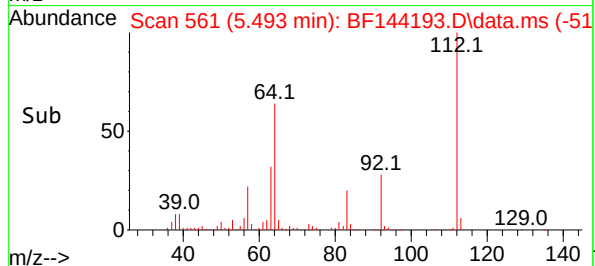
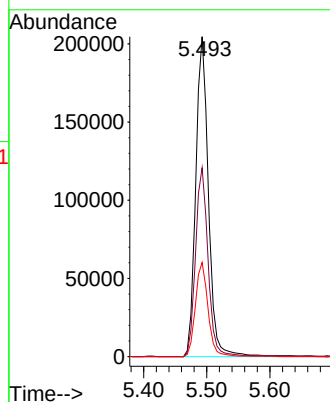
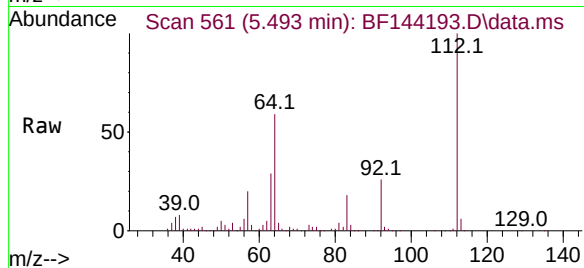
Tgt Ion:112 Resp: 286460

Ion Ratio Lower Upper

112 100

64 59.0 47.2 70.8

63 29.4 24.4 36.6



#7

Phenol-d6

Concen: 48.731 ng

RT: 6.498 min Scan# 732

Delta R.T. -0.000 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

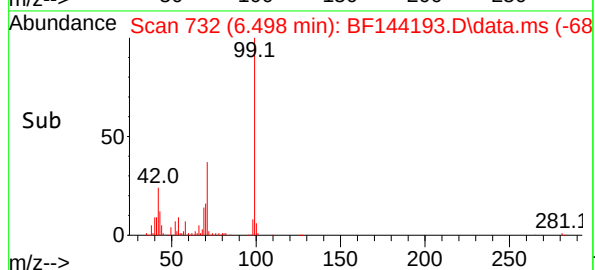
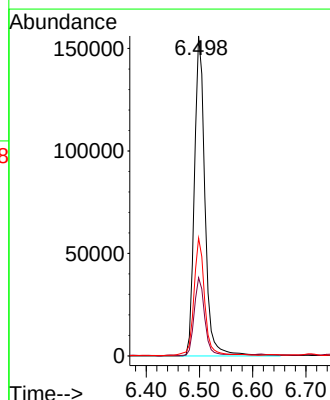
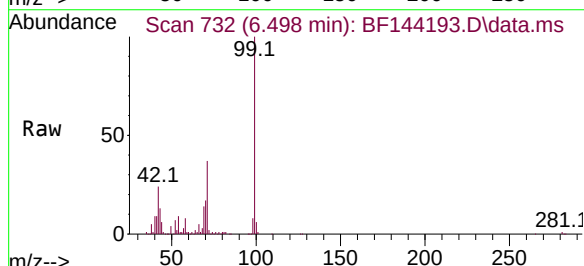
Tgt Ion: 99 Resp: 215740

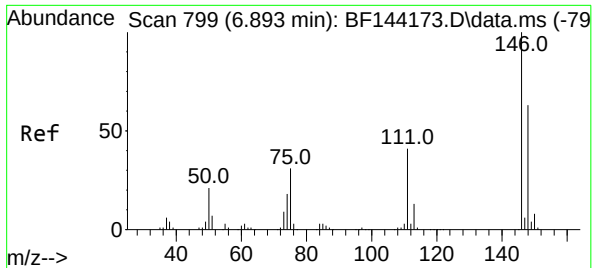
Ion Ratio Lower Upper

99 100

42 24.4 20.9 31.3

71 36.8 31.4 47.2





#13

1,4-Dichlorobenzene

Concen: 3.644 ng

RT: 6.893 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

Instrument :

BNA_F

ClientSampleId :

MW-9

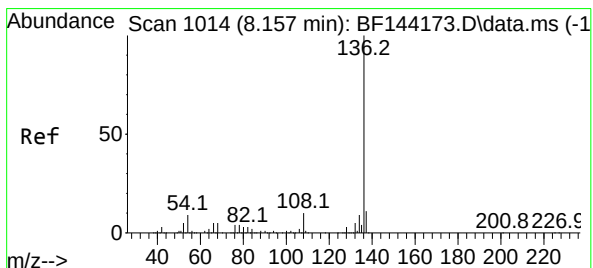
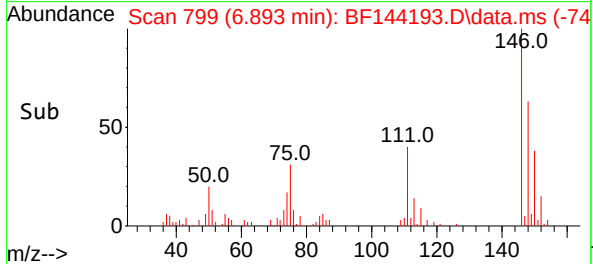
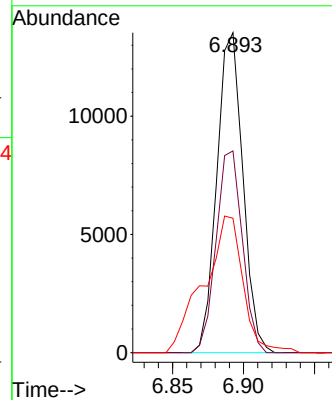
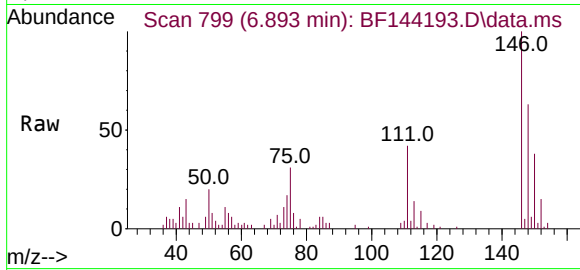
Tgt Ion:146 Resp: 17263

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

111 42.0 32.6 48.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

Tgt Ion:136 Resp: 221818

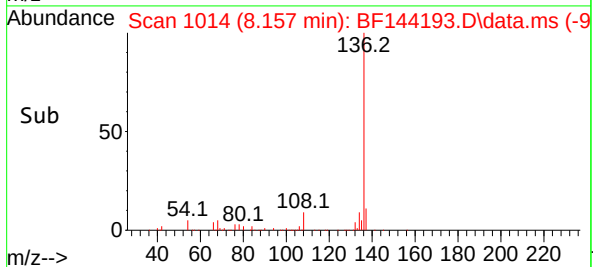
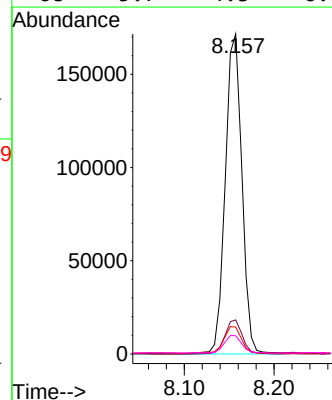
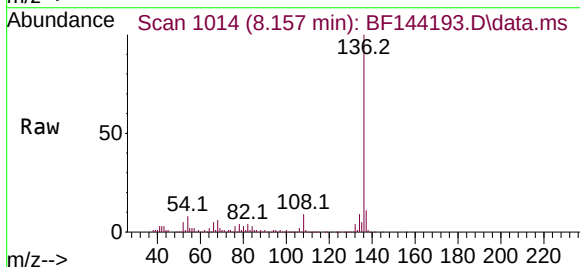
Ion Ratio Lower Upper

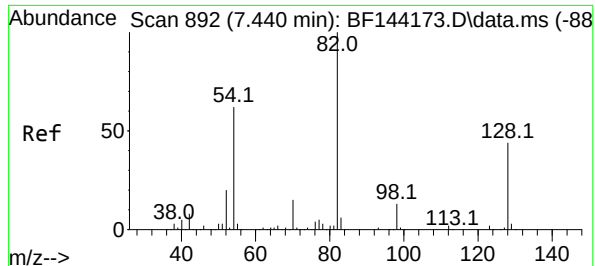
136 100

137 10.7 8.6 13.0

54 8.4 7.0 10.6

68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 92.015 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

Instrument :

BNA_F

ClientSampleId :

MW-9

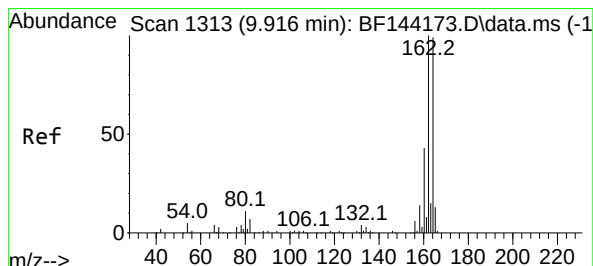
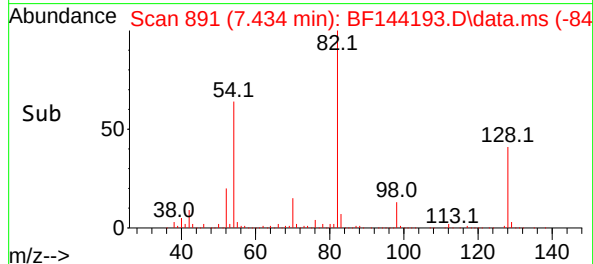
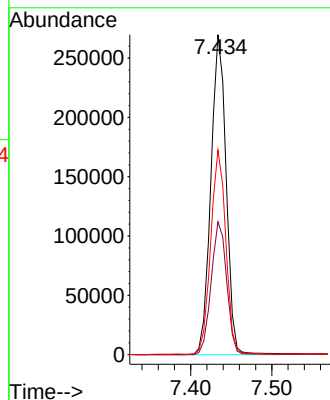
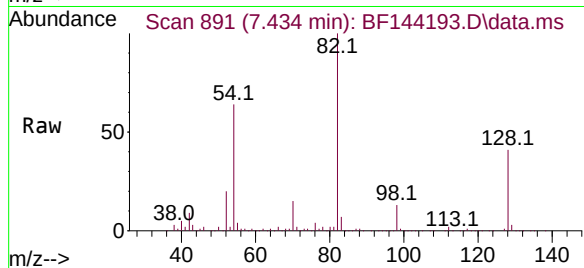
Tgt Ion: 82 Resp: 353401

Ion Ratio Lower Upper

82 100

128 41.5 34.7 52.1

54 63.9 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

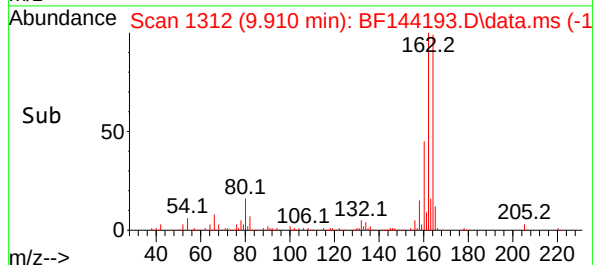
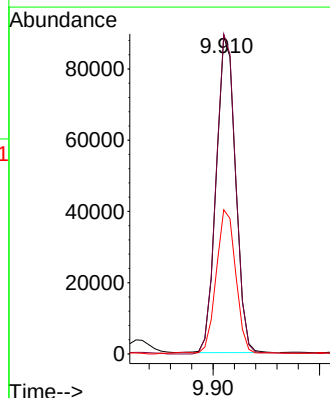
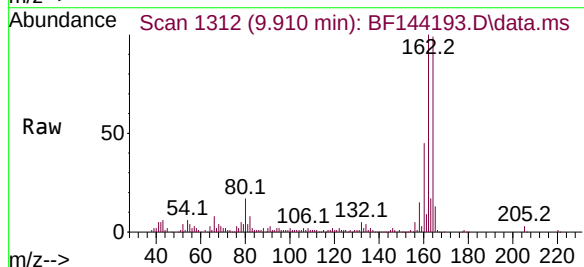
Tgt Ion:164 Resp: 112288

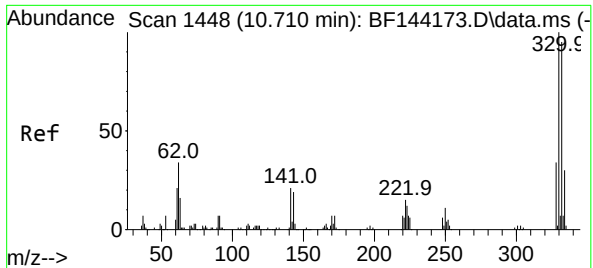
Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 45.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 124.959 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

Instrument :

BNA_F

ClientSampleId :

MW-9

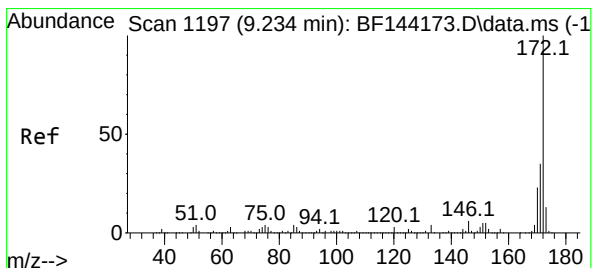
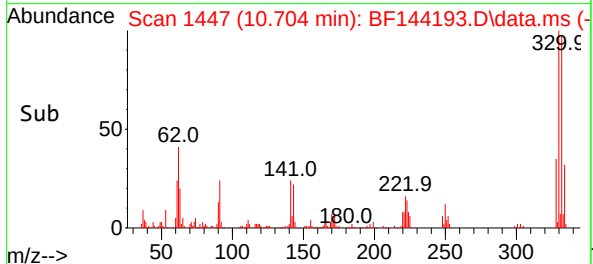
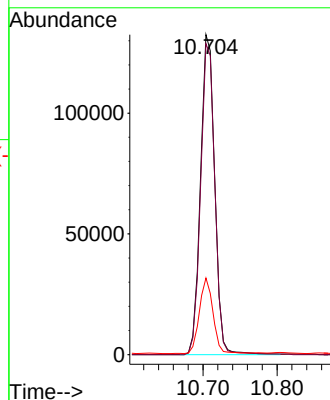
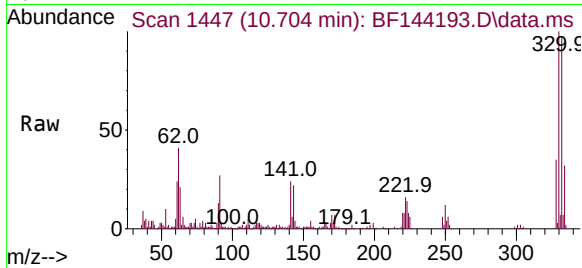
Tgt Ion:330 Resp: 176078

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

141 22.7 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 92.439 ng

RT: 9.234 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144193.D

Acq: 06 Nov 2025 17:53

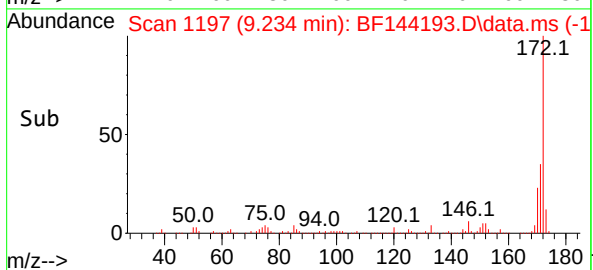
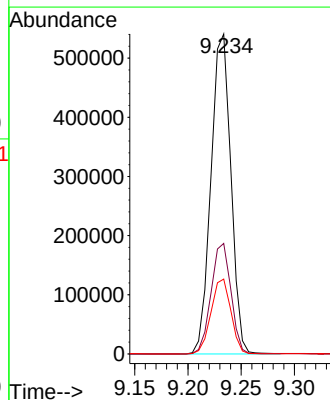
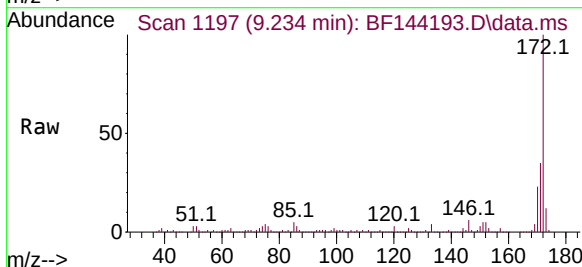
Tgt Ion:172 Resp: 702796

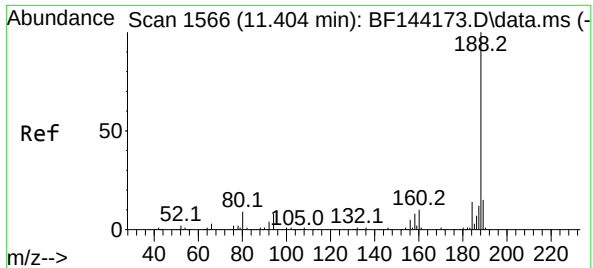
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.4 18.6 28.0

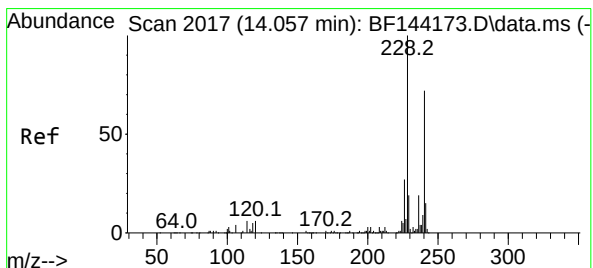
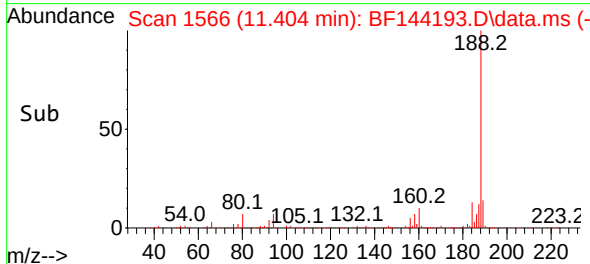
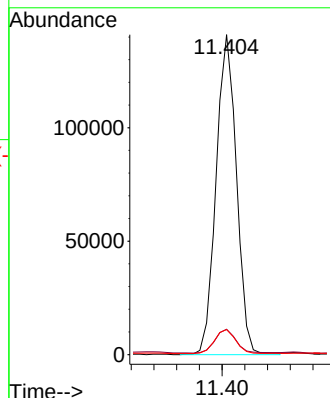
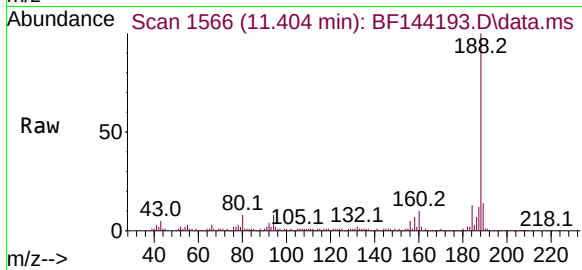




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

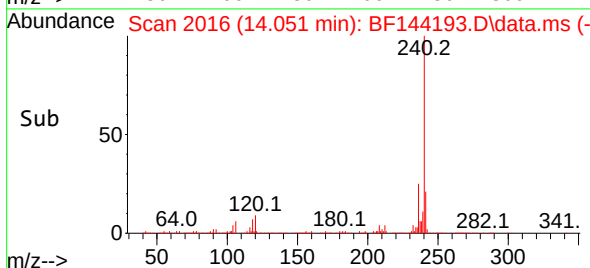
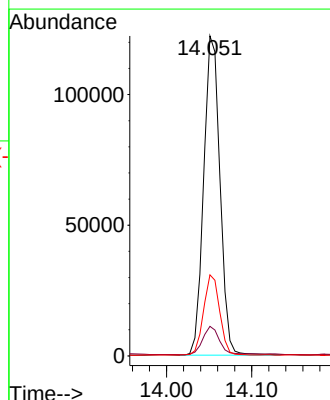
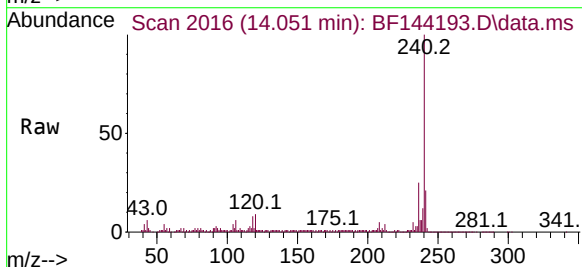
Instrument :
BNA_F
ClientSampleId :
MW-9

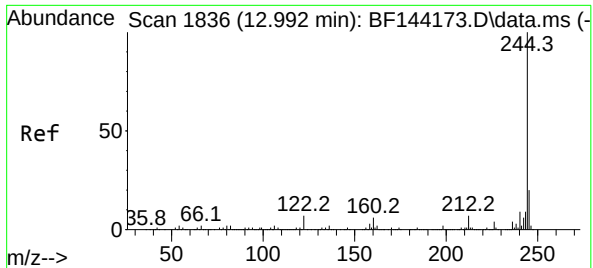
Tgt Ion:188 Resp: 175620
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion:240 Resp: 162091
Ion Ratio Lower Upper
240 100
120 9.2 6.6 10.0
236 25.3 21.4 32.2

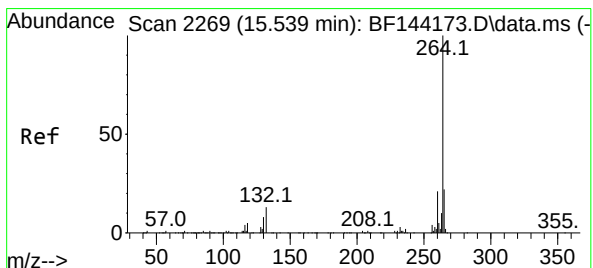
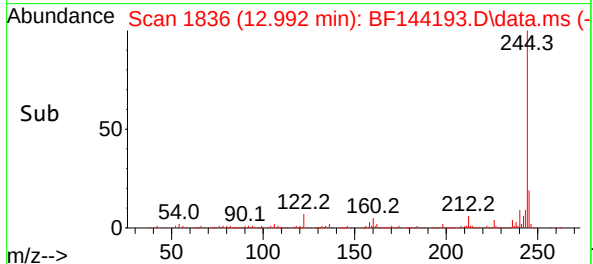
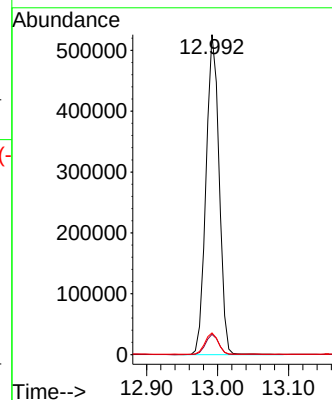
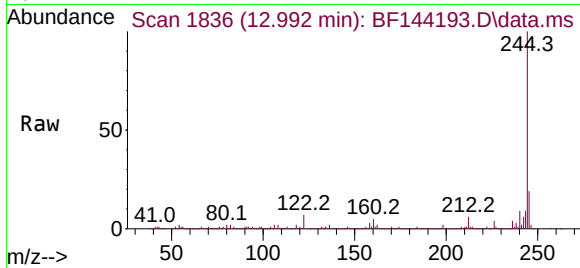




#79
Terphenyl-d14
Concen: 65.672 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

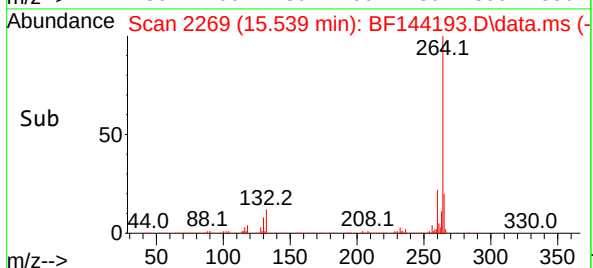
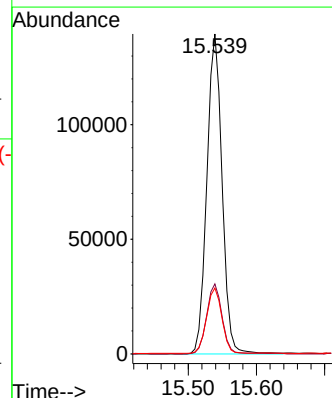
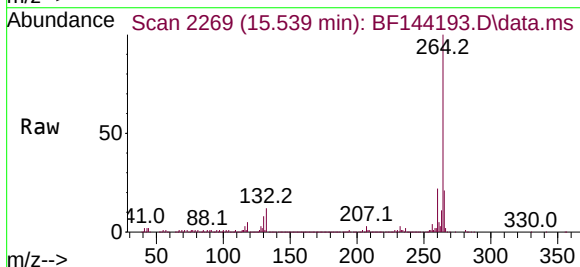
Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	6.8	5.6	8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.1	25.7
265	20.6	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144193.D
 Acq On : 06 Nov 2025 17:53
 Operator : RC/JU
 Sample : Q3552-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144193.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	3	7	15	rBV	47077	94862	4.95%	0.456%
2	2.628	68	74	88	rVB	77007	138112	7.21%	0.664%
3	4.522	390	396	403	rBV2	25036	39989	2.09%	0.192%
4	4.734	427	432	443	rBV	23344	38130	1.99%	0.183%
5	5.081	488	491	497	rVB	21014	31472	1.64%	0.151%
6	5.175	502	507	517	rVB	208188	284977	14.87%	1.369%
7	5.493	552	561	571	rBV	726175	1016514	53.05%	4.885%
8	5.722	596	600	604	rBV	17243	22297	1.16%	0.107%
9	5.934	631	636	641	rBV	51146	63636	3.32%	0.306%
10	6.046	651	655	658	rVB	16419	19595	1.02%	0.094%
11	6.328	695	703	708	rBV5	10102	21038	1.10%	0.101%
12	6.498	725	732	740	rBV	479306	671118	35.03%	3.225%
13	6.710	763	768	772	rVB3	17456	23872	1.25%	0.115%
14	6.875	791	796	802	rBV2	302819	458943	23.95%	2.205%
15	6.928	802	805	813	rVB2	63652	85800	4.48%	0.412%
16	7.004	813	818	821	rBV	18033	31726	1.66%	0.152%
17	7.051	822	826	832	rVB4	34122	50014	2.61%	0.240%
18	7.263	858	862	865	rBV6	13425	23226	1.21%	0.112%
19	7.363	875	879	883	rBV2	19392	41176	2.15%	0.198%
20	7.434	883	891	900	rVV2	890094	1414668	73.83%	6.798%
21	7.516	900	905	914	rVV4	51725	110480	5.77%	0.531%
22	7.592	914	918	925	rVV6	44919	84065	4.39%	0.404%
23	7.704	928	937	944	rBV	191935	436220	22.77%	2.096%
24	7.845	952	961	965	rBV	1172806	1576779	82.30%	7.577%
25	7.892	965	969	973	rVV4	31758	52783	2.75%	0.254%
26	7.934	973	976	978	rVV	60910	80672	4.21%	0.388%
27	7.957	978	980	983	rVB2	59040	61254	3.20%	0.294%
28	7.992	983	986	989	rVB2	43570	47226	2.46%	0.227%
29	8.034	989	993	996	rBV2	37502	56604	2.95%	0.272%
30	8.122	1005	1008	1010	rBV2	42142	53948	2.82%	0.259%
31	8.157	1010	1014	1018	rVV	333769	427187	22.30%	2.053%
32	8.192	1018	1020	1023	rVB	43720	43997	2.30%	0.211%
33	8.239	1024	1028	1033	rBV7	18540	34822	1.82%	0.167%
34	8.298	1034	1038	1042	rBV4	29028	39801	2.08%	0.191%
35	8.404	1053	1056	1059	rBV5	21053	33310	1.74%	0.160%
36	8.439	1059	1062	1066	rVB3	35247	44047	2.30%	0.212%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144193.D
 Acq On : 06 Nov 2025 17:53
 Operator : RC/JU
 Sample : Q3552-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.487	1066	1070	1076	rBV	348897	500544	26.12%	2.405%
38	8.581	1081	1086	1088	rBV3	28100	53920	2.81%	0.259%
39	8.722	1106	1110	1114	rBV	63538	108378	5.66%	0.521%
40	8.787	1119	1121	1125	rVB3	30612	31380	1.64%	0.151%
41	8.863	1132	1134	1137	rBV3	19808	22913	1.20%	0.110%
42	8.934	1143	1146	1149	rVB2	23944	27630	1.44%	0.133%
43	8.969	1149	1152	1156	rVB3	24847	29813	1.56%	0.143%
44	9.016	1156	1160	1163	rBV3	37431	57270	2.99%	0.275%
45	9.186	1185	1189	1191	rBV2	34538	42074	2.20%	0.202%
46	9.234	1191	1197	1201	rVB	1462014	1915999	100.00%	9.207%
47	9.345	1212	1216	1221	rVB3	98395	139174	7.26%	0.669%
48	9.828	1294	1298	1302	rBV	99991	133430	6.96%	0.641%
49	9.875	1302	1306	1309	rVV3	110667	147494	7.70%	0.709%
50	9.910	1309	1312	1317	rVB	371429	464908	24.26%	2.234%
51	10.292	1373	1377	1381	rBV	278110	346837	18.10%	1.667%
52	10.381	1388	1392	1394	rBV4	35229	56724	2.96%	0.273%
53	10.475	1401	1408	1418	rBV	1002864	1792122	93.53%	8.612%
54	10.551	1419	1421	1424	rBV	33137	33294	1.74%	0.160%
55	10.628	1430	1434	1438	rVB	64953	84148	4.39%	0.404%
56	10.704	1442	1447	1456	rVB2	947740	1323407	69.07%	6.359%
57	10.833	1464	1469	1475	rBV	254510	361936	18.89%	1.739%
58	10.922	1480	1484	1487	rBV	82138	98283	5.13%	0.472%
59	10.998	1493	1497	1503	rBV	133235	195116	10.18%	0.938%
60	11.298	1543	1548	1553	rBV	392890	519125	27.09%	2.495%
61	11.404	1561	1566	1573	rVB	315980	403244	21.05%	1.938%
62	11.569	1590	1594	1601	rVB	118780	170969	8.92%	0.822%
63	11.692	1612	1615	1622	rBV2	47302	98791	5.16%	0.475%
64	11.857	1640	1643	1648	rBV5	33115	44936	2.35%	0.216%
65	11.933	1652	1656	1664	rVB2	152523	227309	11.86%	1.092%
66	12.063	1673	1678	1688	rBV	450128	715324	37.33%	3.437%
67	12.674	1779	1782	1786	rVB	66213	77668	4.05%	0.373%
68	12.886	1814	1818	1825	rVB	103977	149273	7.79%	0.717%
69	12.992	1831	1836	1841	rBV	1237088	1571475	82.02%	7.552%
70	13.557	1928	1932	1936	rBV	106708	133774	6.98%	0.643%
71	14.051	2012	2016	2024	rVB	307663	416197	21.72%	2.000%
72	15.539	2263	2269	2284	rVB	334590	560696	29.26%	2.694%

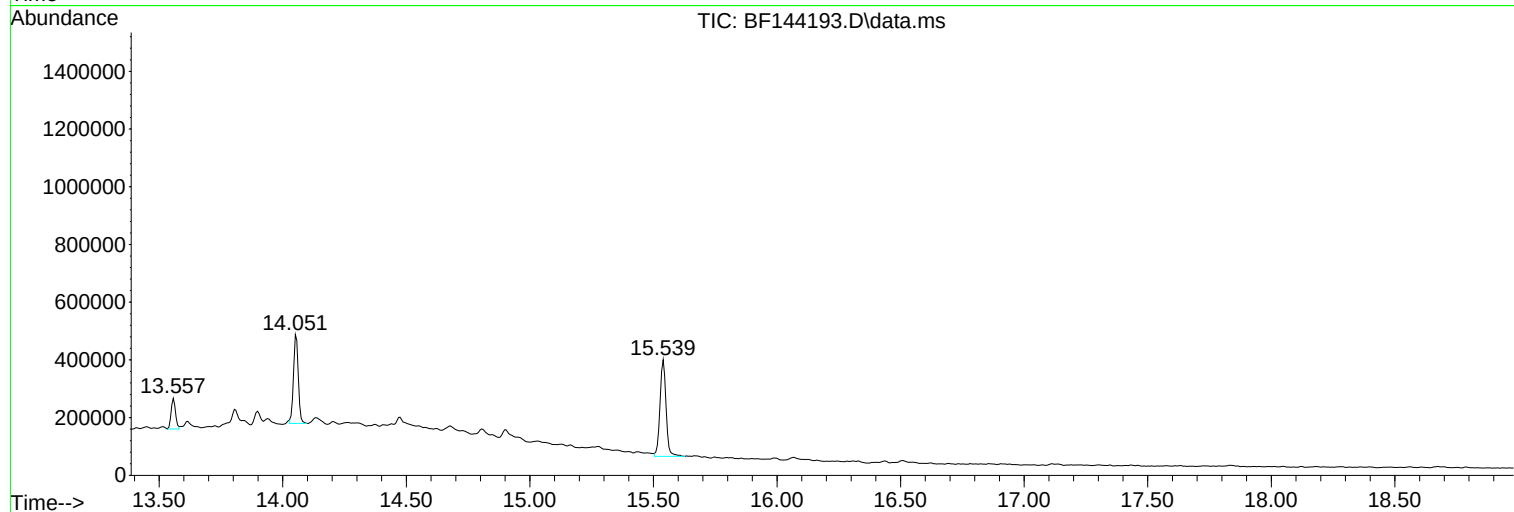
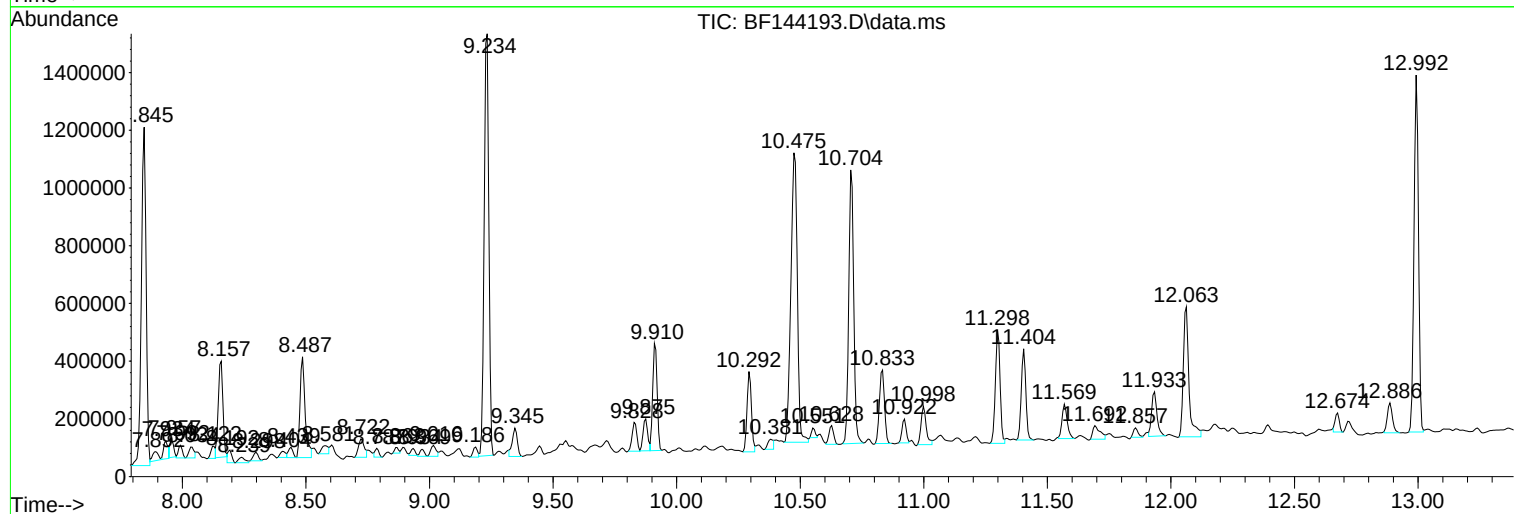
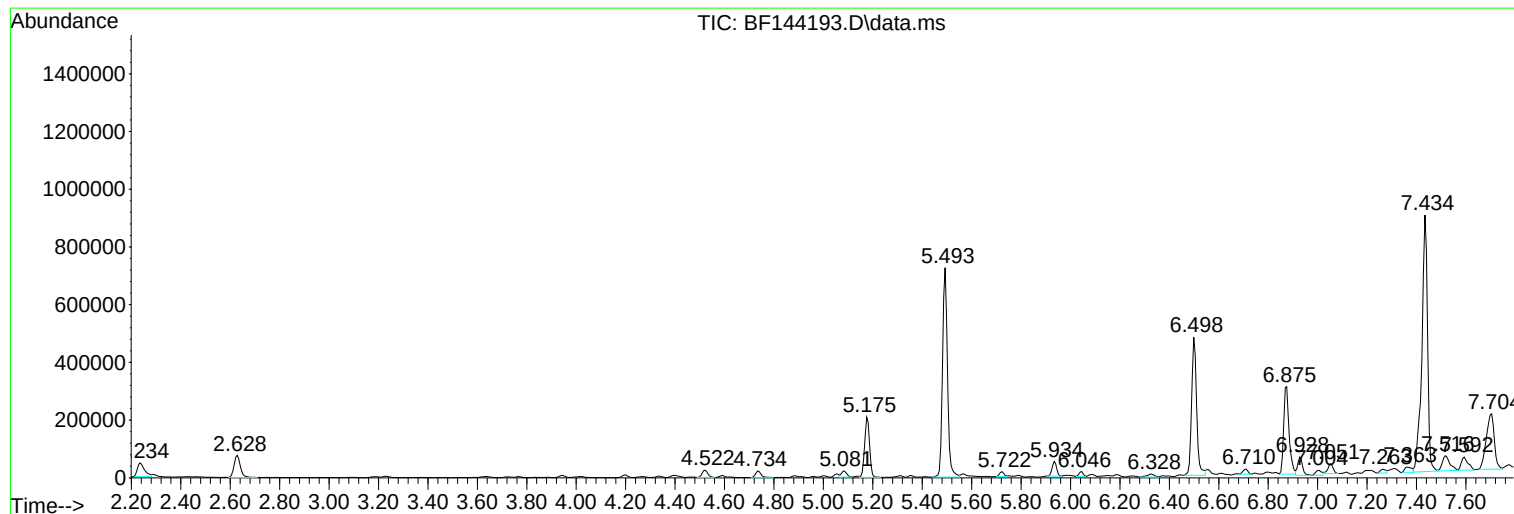
Sum of corrected areas: 20809935

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

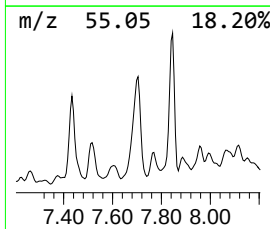
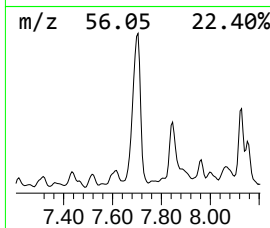
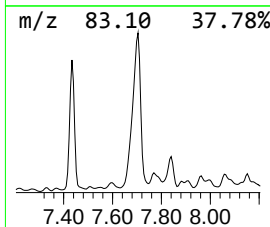
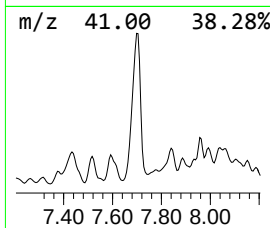
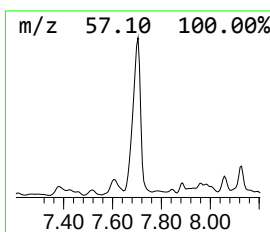
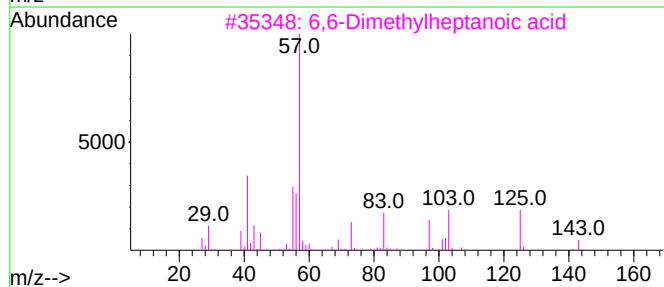
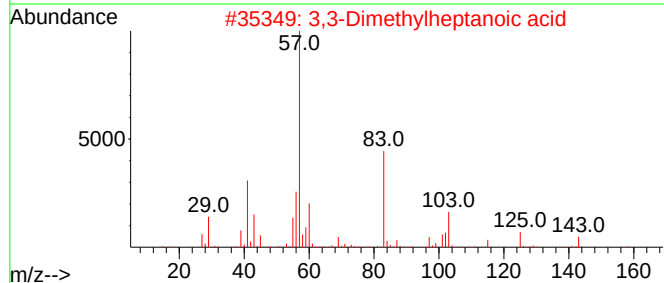
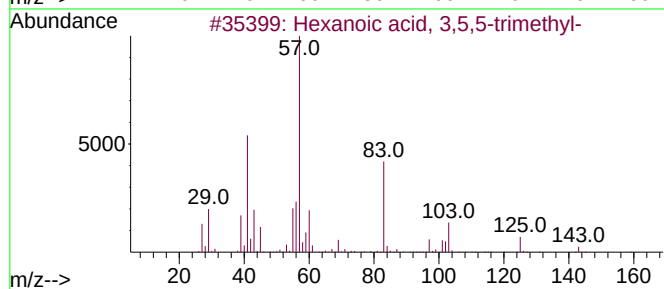
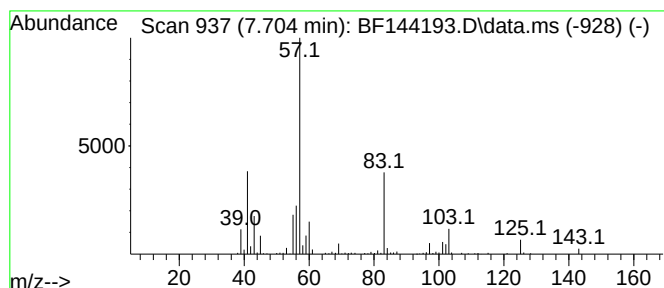
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanoic acid, 3,5,5-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.704	20.42 ng	436220	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2			3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
3			6,6-Dimethylheptanoic acid	158	C9H18O2	015898-92-7	50
4			Propanoic acid, 2,2-dimethyl-, h...	200	C12H24O2	017660-61-6	38
5			Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	38



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Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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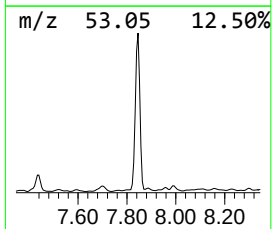
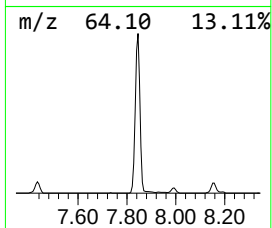
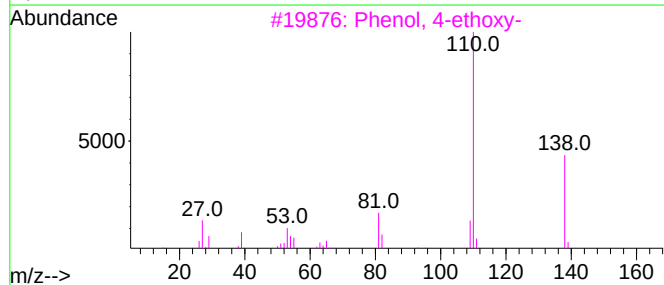
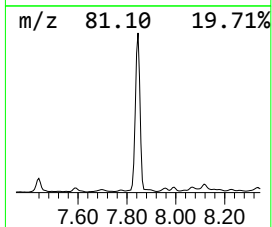
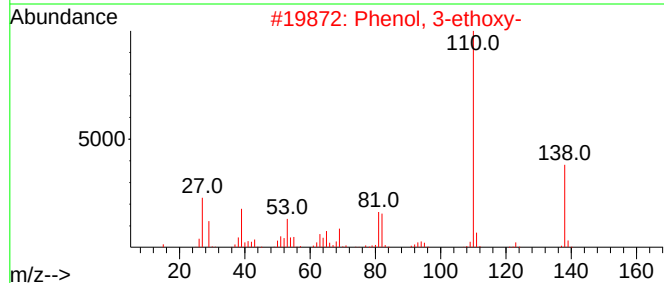
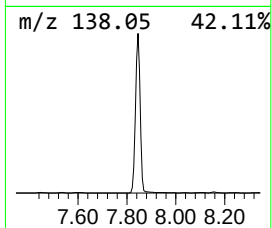
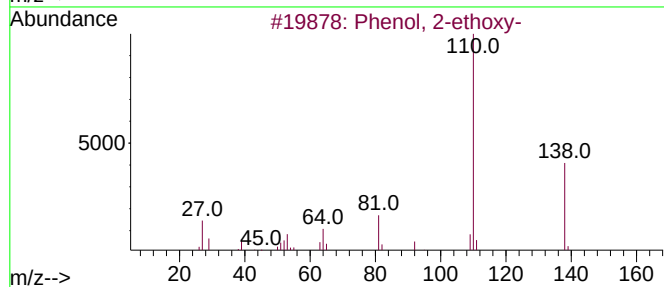
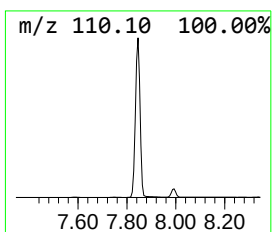
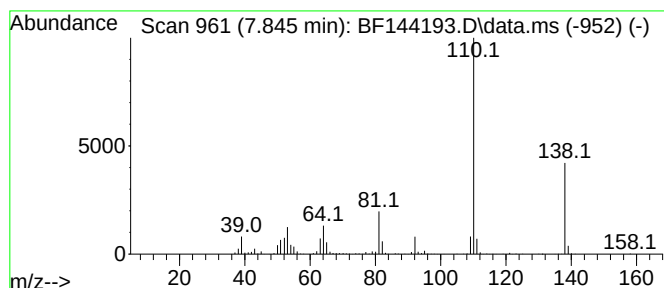
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 2-ethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	73.82 ng	1576780	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-ethoxy-	138	C8H10O2	000094-71-3	95
2			Phenol, 3-ethoxy-	138	C8H10O2	000621-34-1	86
3			Phenol, 4-ethoxy-	138	C8H10O2	000622-62-8	80
4			3H-Indazol-3-one, 1,2,4,5,6,7-he...	138	C7H10N2O	1000351-36-4	50
5			Catechol	110	C6H6O2	000120-80-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
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Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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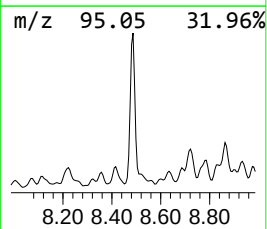
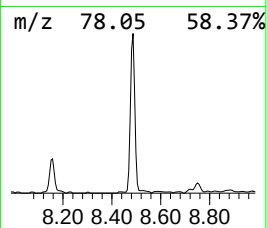
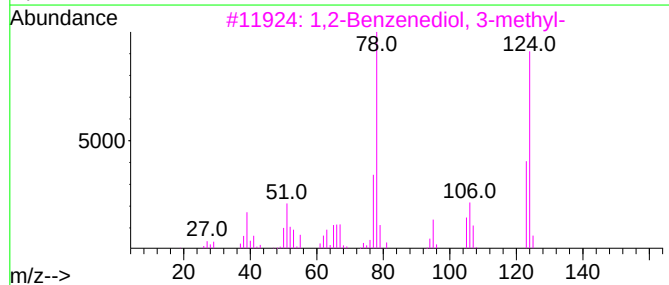
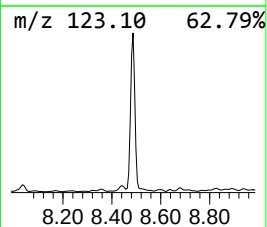
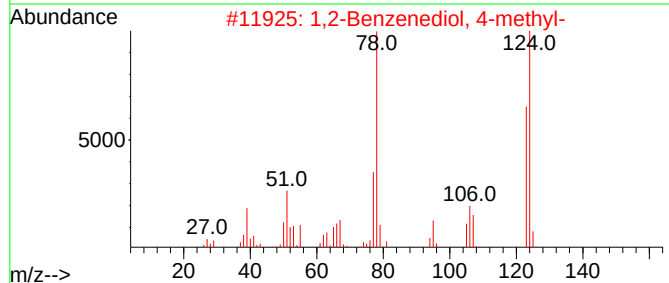
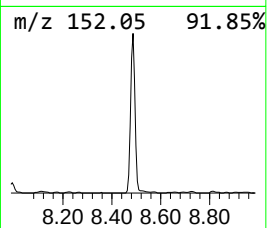
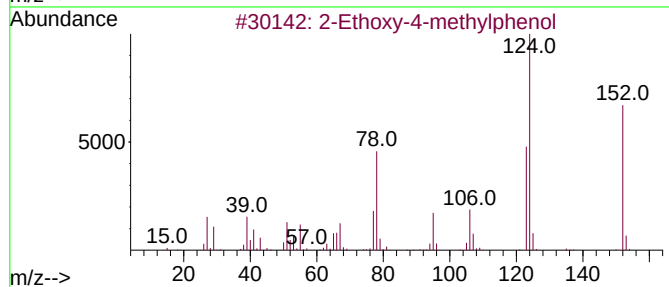
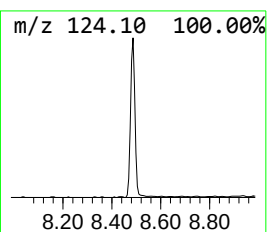
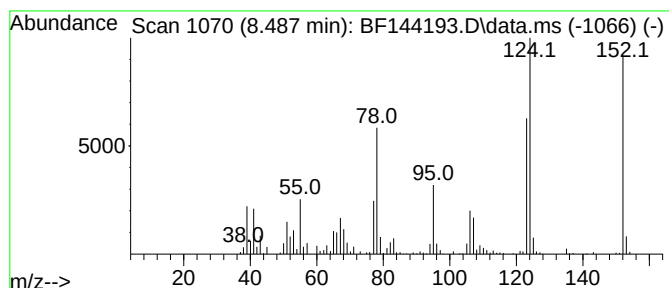
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Ethoxy-4-methylphenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.487	23.43 ng	500544	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethoxy-4-methylphenol	152	C9H12O2	002563-07-7	95
2			1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	70
3			1,2-Benzenediol, 3-methyl-	124	C7H8O2	000488-17-5	70
4			1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	64
5			Orcinol	124	C7H8O2	000504-15-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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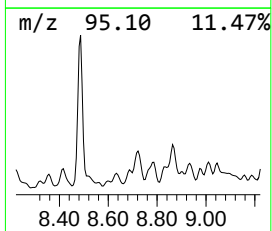
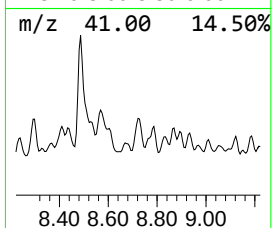
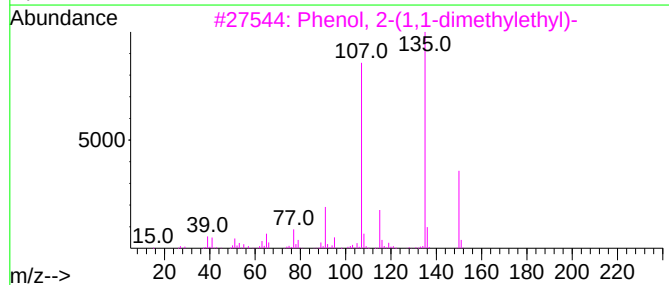
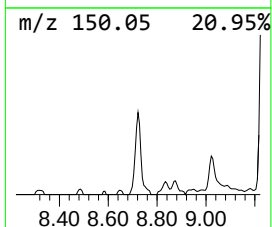
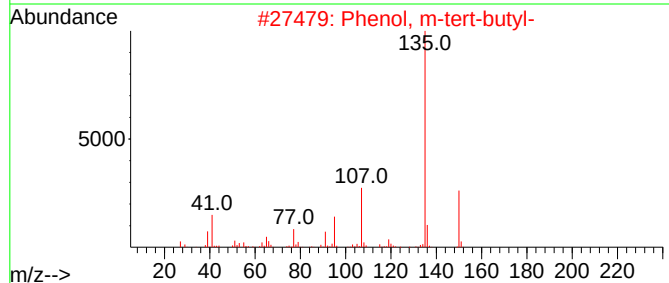
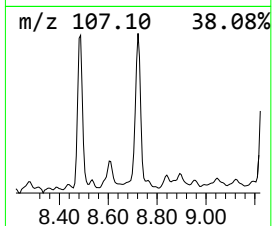
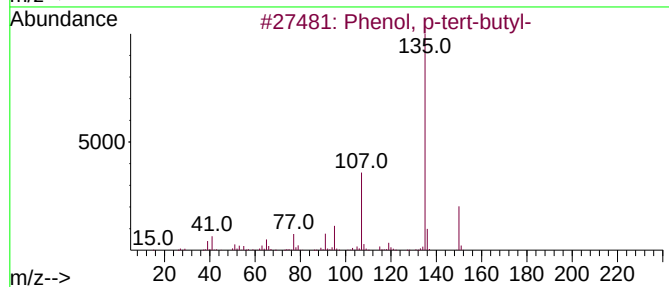
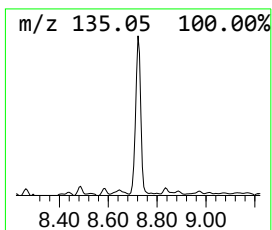
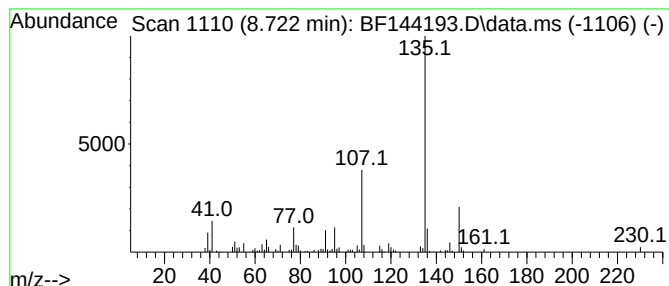
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	5.07 ng	108378	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
3			Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4			Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	58
5			ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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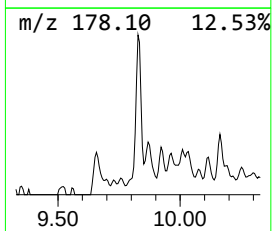
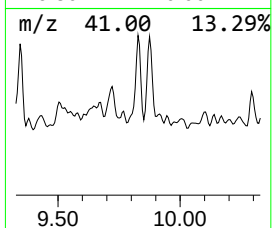
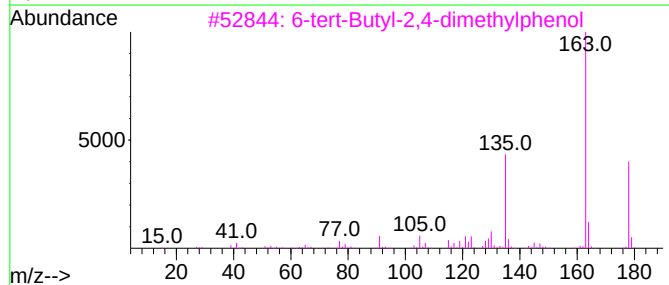
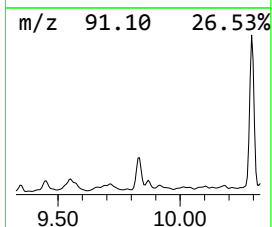
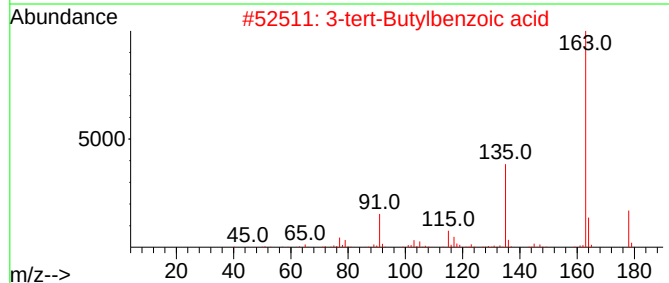
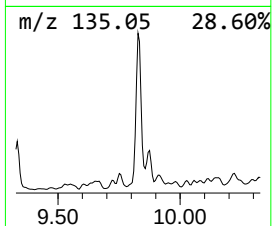
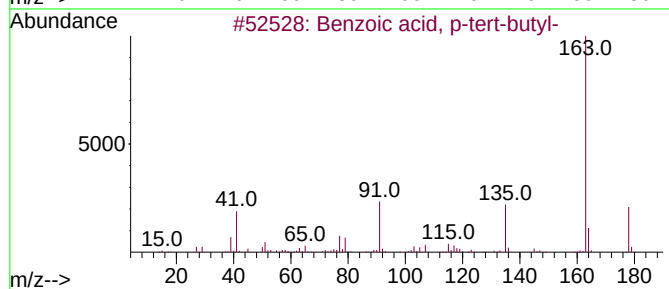
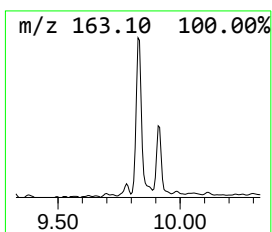
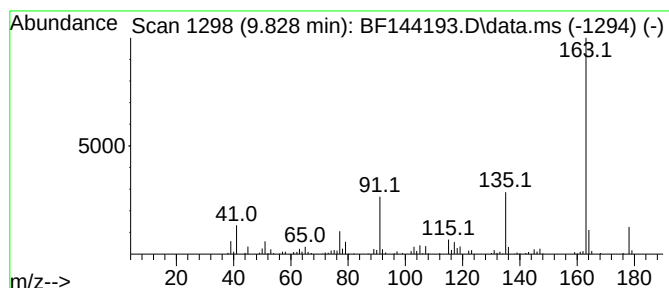
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzoic acid, p-tert-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	5.74 ng	133430	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	81
4			Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
5			Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
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ClientSampleId :
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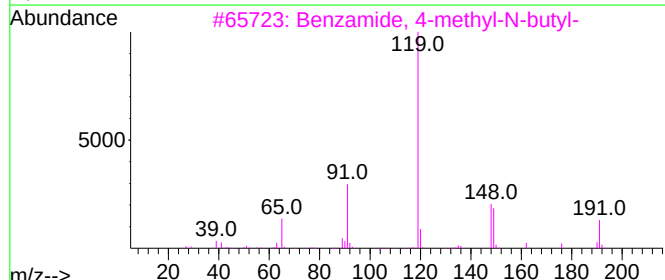
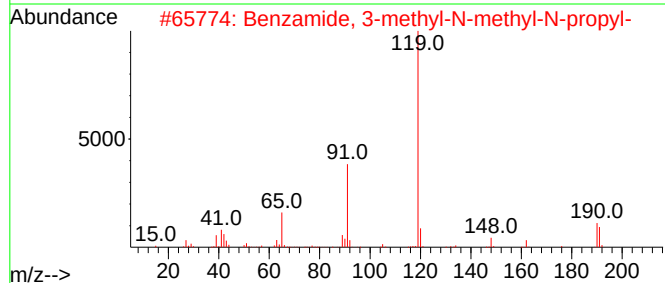
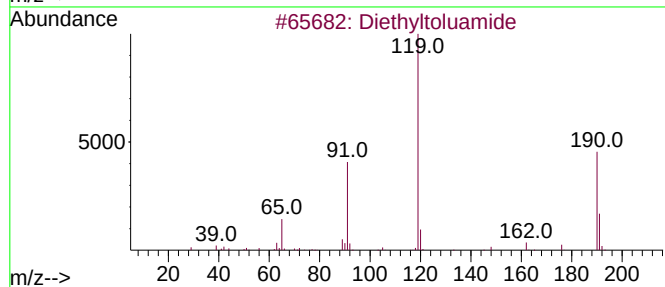
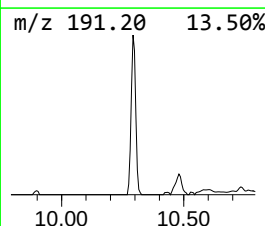
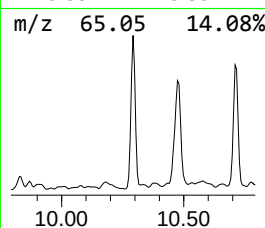
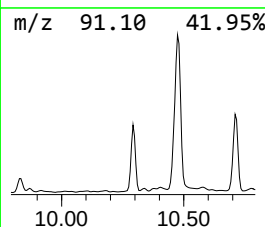
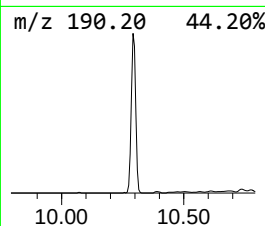
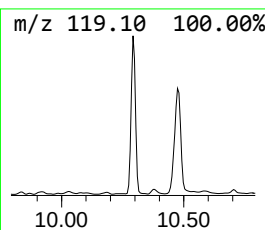
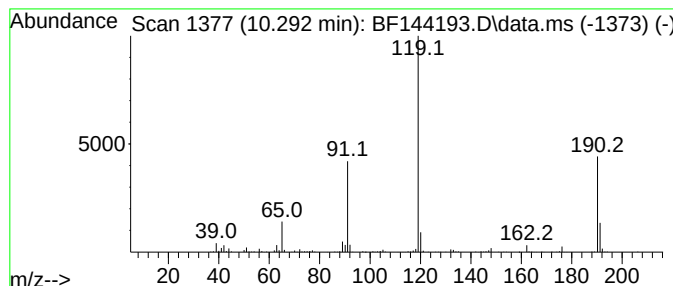
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	14.92 ng	346837	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	97
2			Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81
3			Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
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Instrument :
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ClientSampleId :
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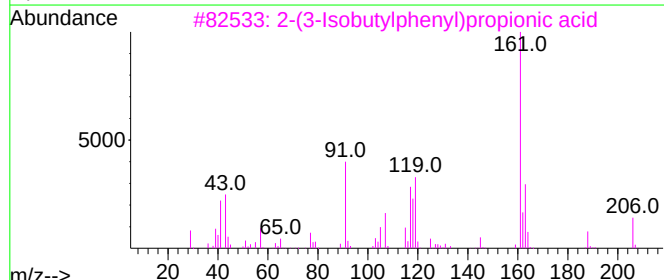
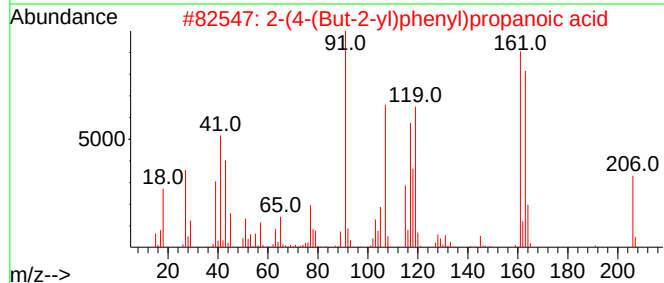
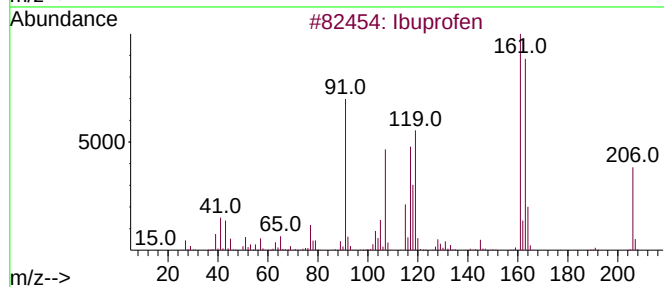
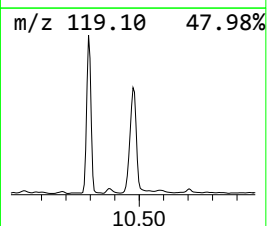
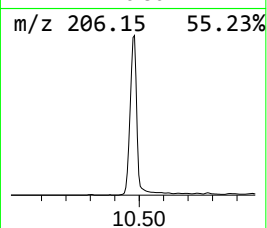
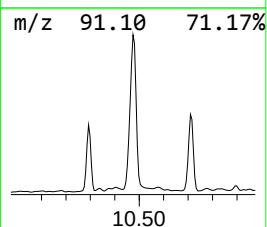
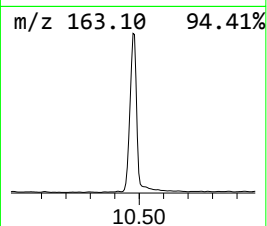
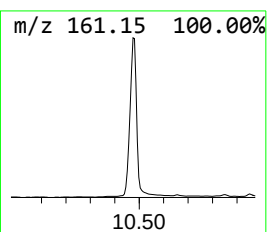
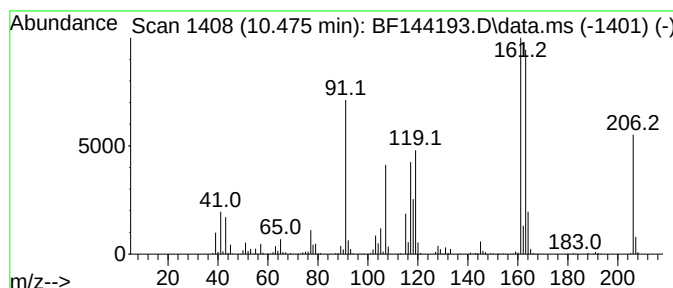
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Ibuprofen Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	77.10 ng	1792120	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ibuprofen	206	C13H18O2	015687-27-1	98
2			2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	52
3			2-(3-Isobutylphenyl)propionic acid	206	C13H18O2	066622-47-7	47
4			3-[4-(2-Methylpropyl)phenyl]buta...	204	C14H20O	064758-90-3	30
5			(6-Methoxy-benzofuran-3-yl)-acet...	206	C11H10O4	069716-05-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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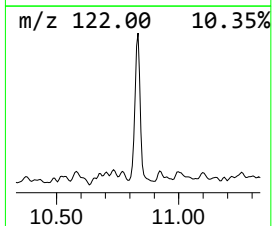
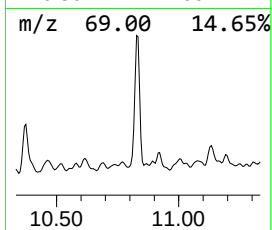
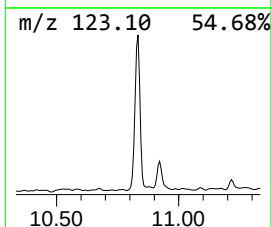
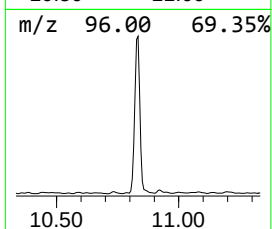
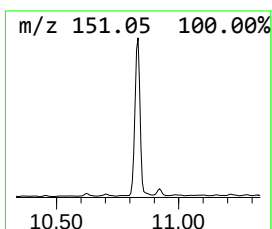
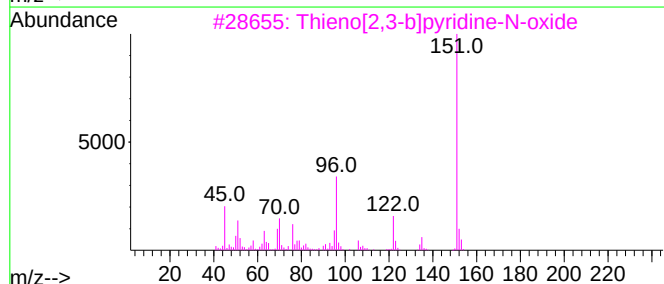
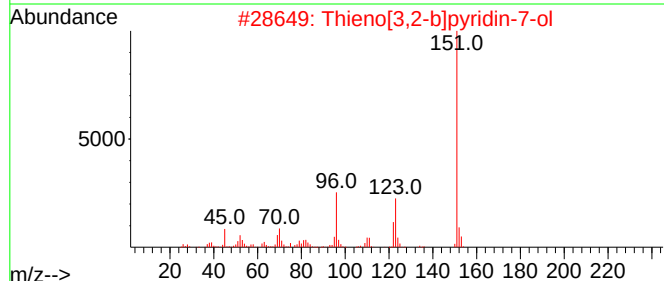
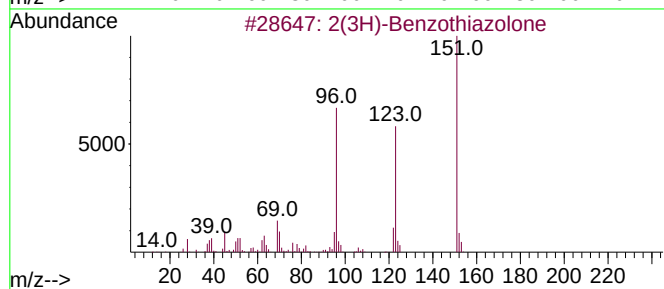
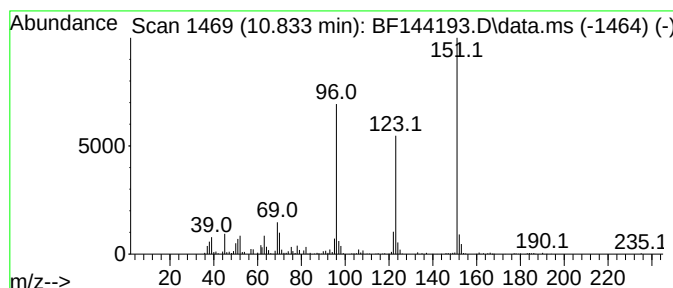
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2(3H)-Benzothiazolone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.833	17.95 ng	361936	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone		151	C7H5NOS	000934-34-9	94
2	Thieno[3,2-b]pyridine-7-ol		151	C7H5NOS	107818-20-2	72
3	Thieno[2,3-b]pyridine-N-oxide		151	C7H5NOS	025557-50-0	53
4	1,2-Benzisothiazol-3(2H)-one		151	C7H5NOS	002634-33-5	53
5	t-Butylhydroquinone		166	C10H14O2	001948-33-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
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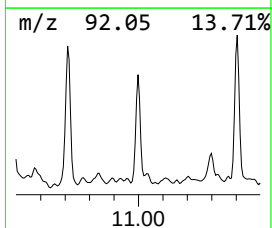
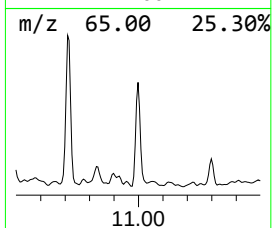
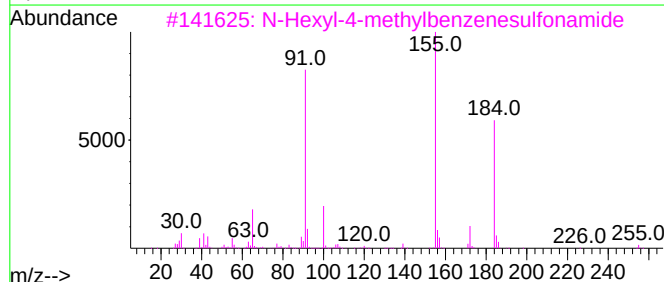
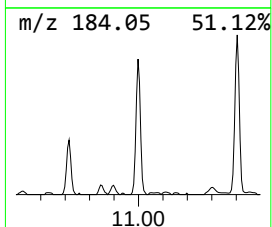
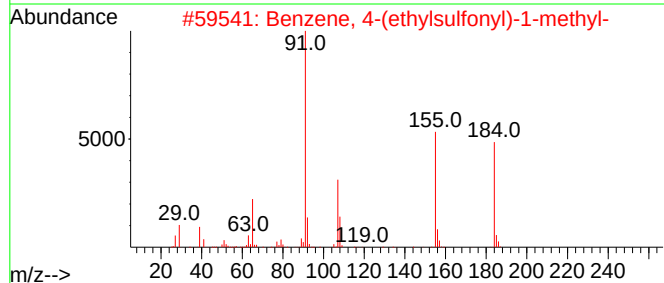
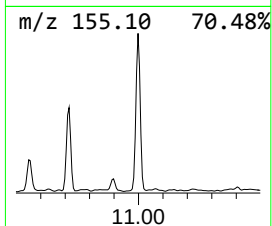
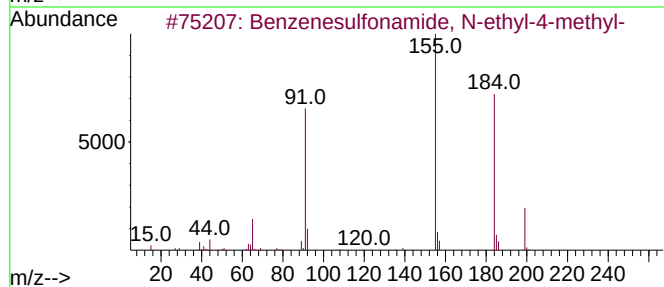
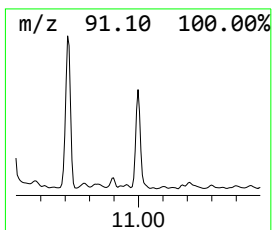
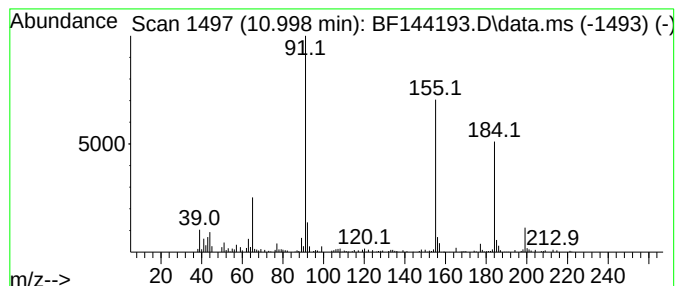
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzenesulfonamide, N-ethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.998	9.68 ng	195116	Phenanthrene-d10		11.404	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	94
2		Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	93
3		N-Hexyl-4-methylbenzenesulfonamide	255	C13H21NO2S	001143-01-7	64
4		N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	64
5		Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
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Sample : Q3552-03
Misc :
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Instrument :
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ClientSampleId :
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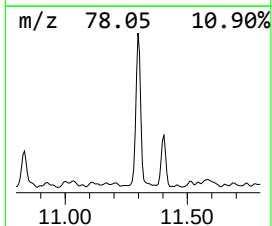
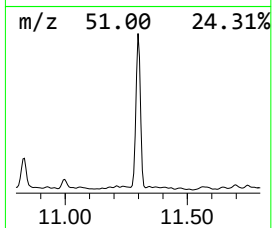
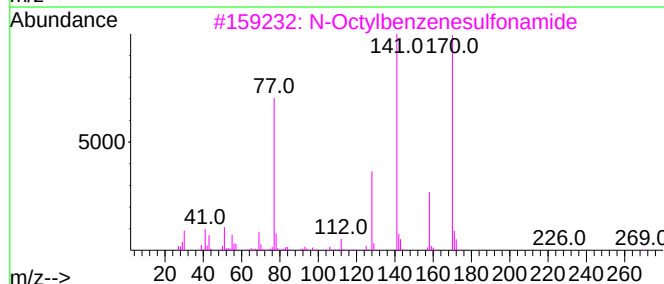
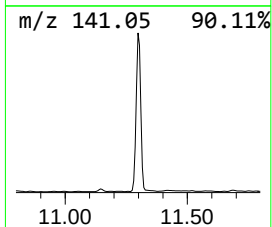
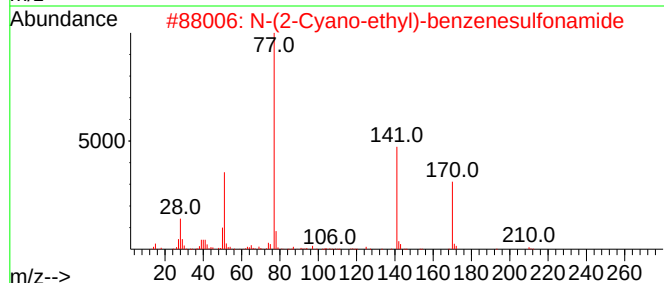
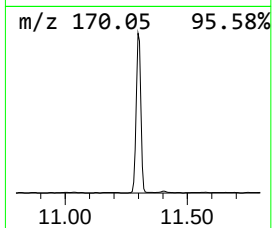
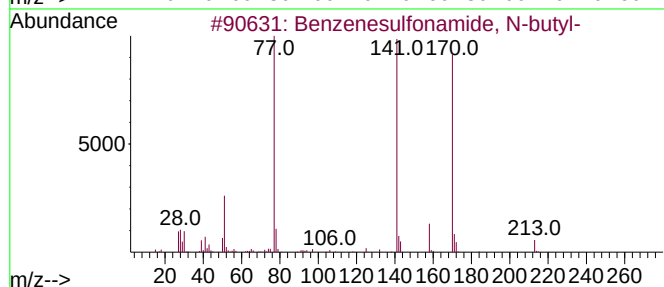
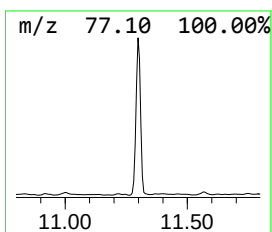
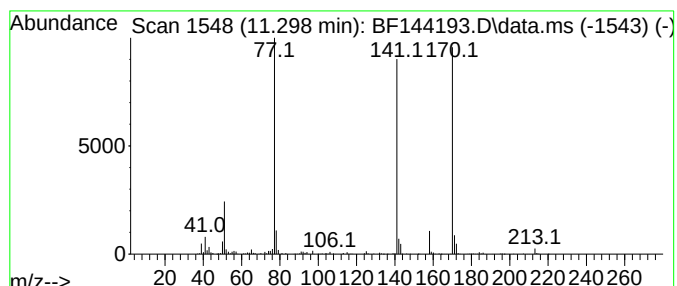
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzenesulfonamide, N-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	25.75 ng	519125	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	91
2		N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	64
3		N-Octylbenzenesulfonamide	269	C14H23NO2S	016358-32-0	64
4		N-hexylbenzenesulfonamide	241	C12H19NO2S	007250-80-8	50
5		2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
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Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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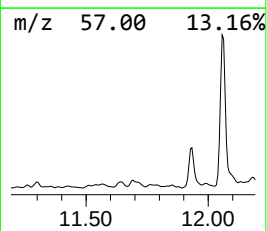
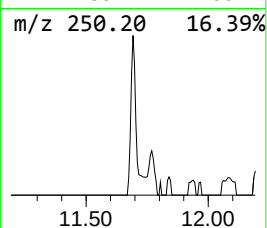
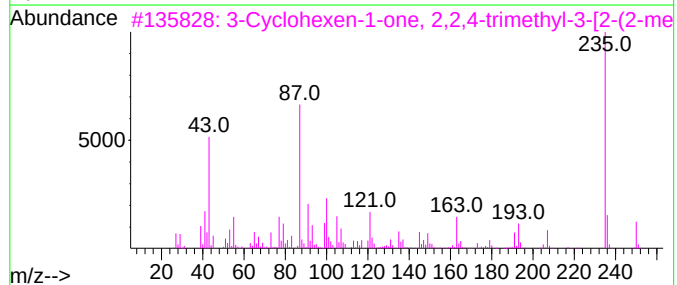
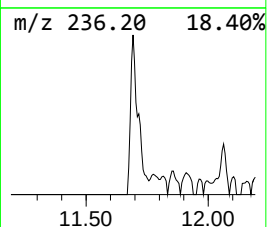
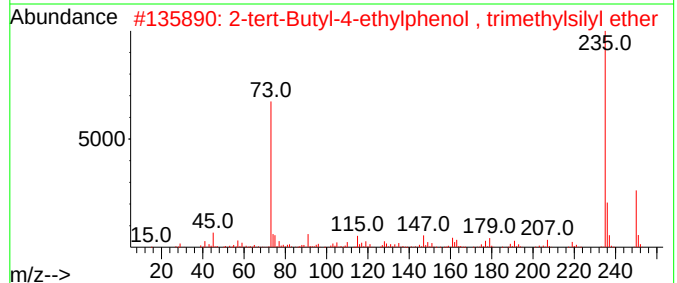
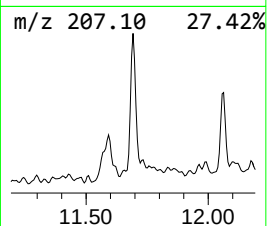
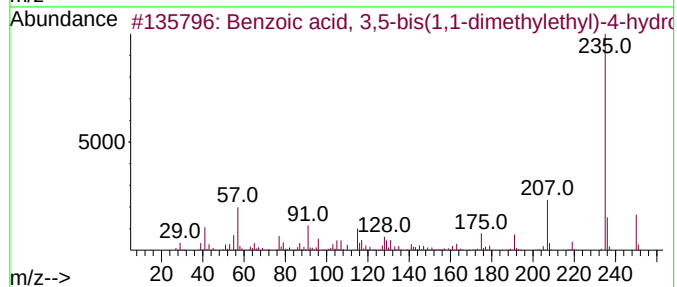
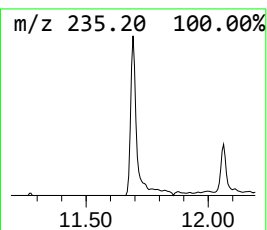
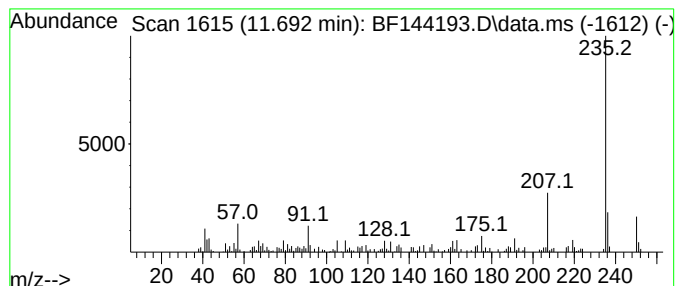
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	4.90 ng	98791	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	93
2			2-tert-Butyl-4-ethylphenol , tri...	250	C15H26OSi	1000467-05-5	81
3			3-Cyclohexen-1-one, 2,2,4-trimet...	250	C15H22O3	1000197-90-2	81
4			4-tert-Butyl-2,6-dimethylphenol,...	250	C15H26OSi	1000495-37-2	64
5			2,5-di-tert-Butyl-1,4-dimethoxyb...	250	C16H26O2	007323-63-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

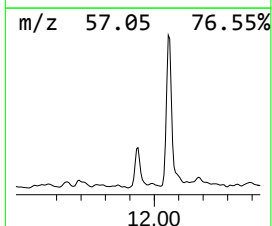
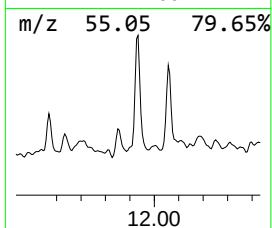
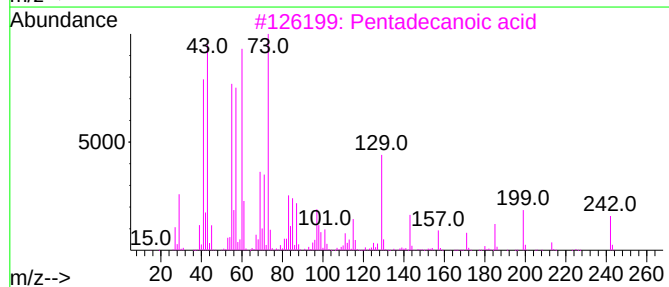
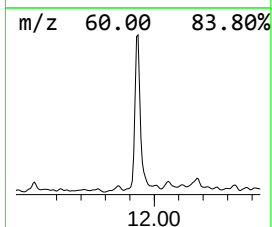
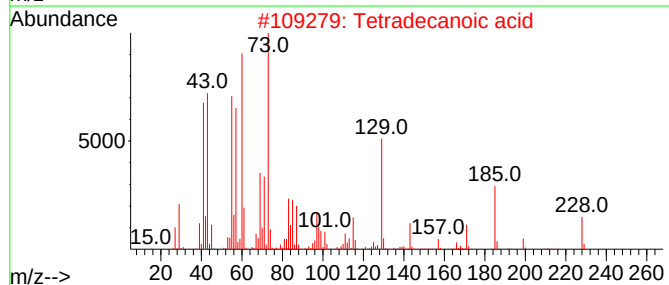
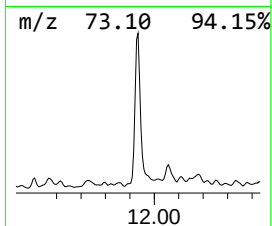
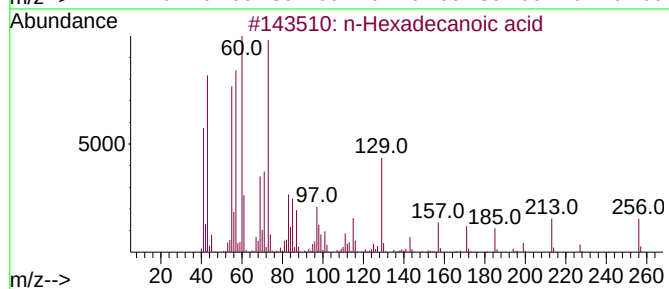
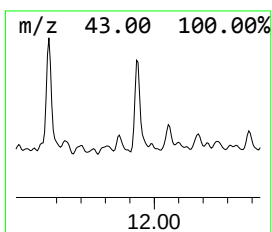
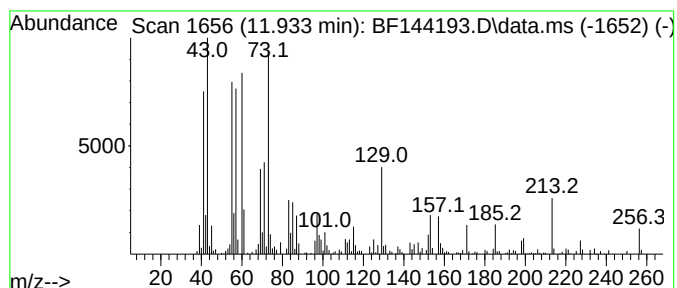
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.933	11.27 ng	227309	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
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Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

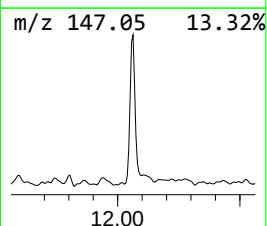
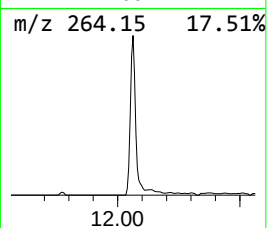
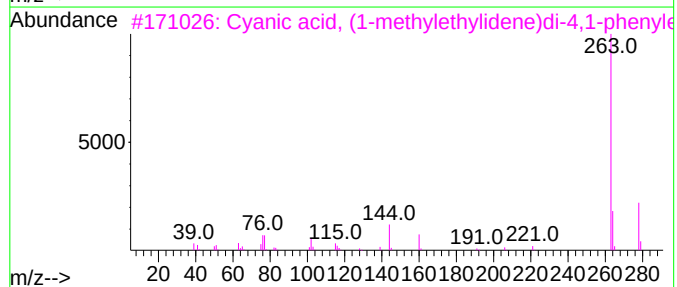
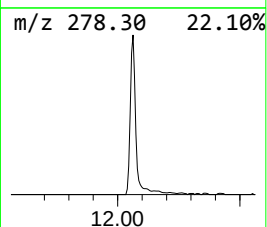
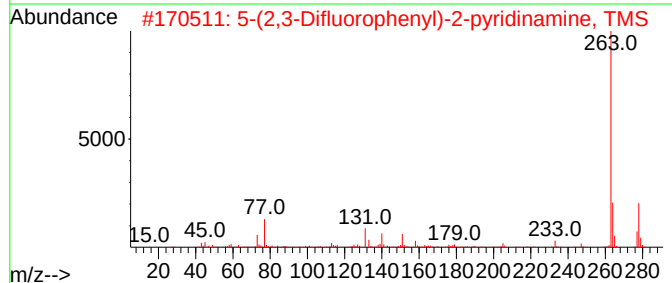
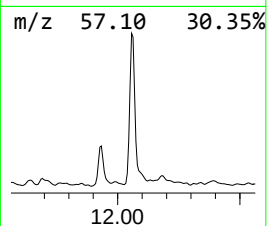
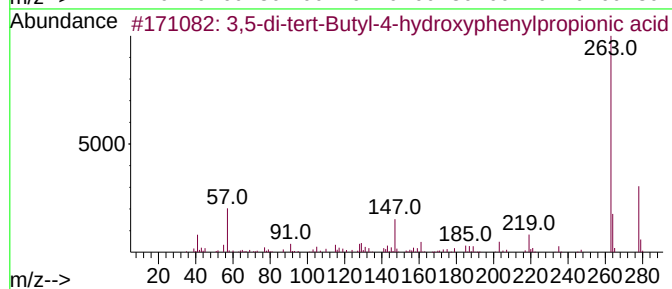
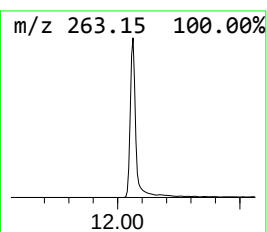
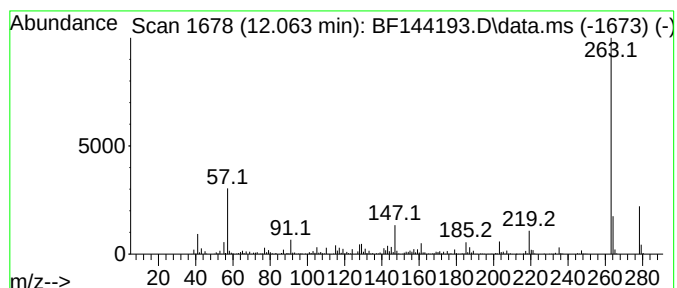
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.063	35.48 ng	715324	Phenanthrene-d10		11.404	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	96
2		5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	81
3		Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	72
4		Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60
5		Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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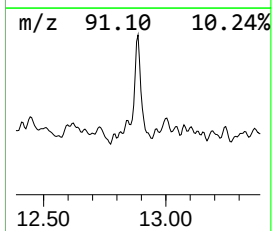
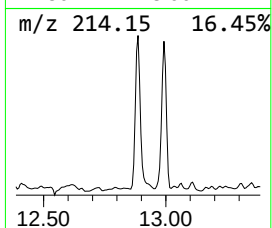
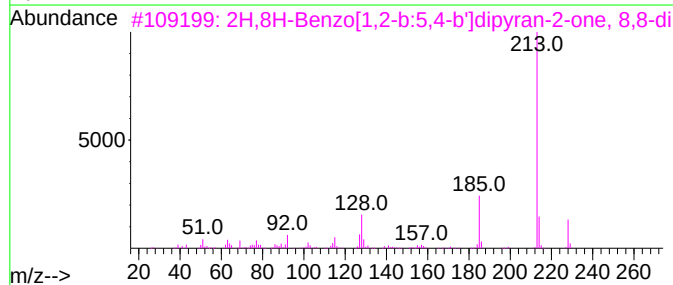
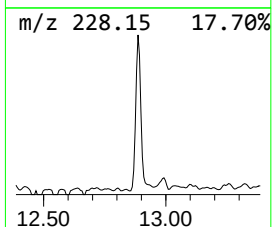
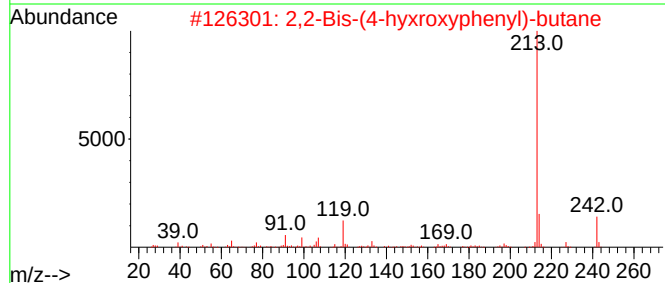
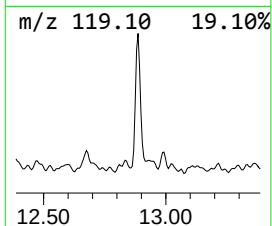
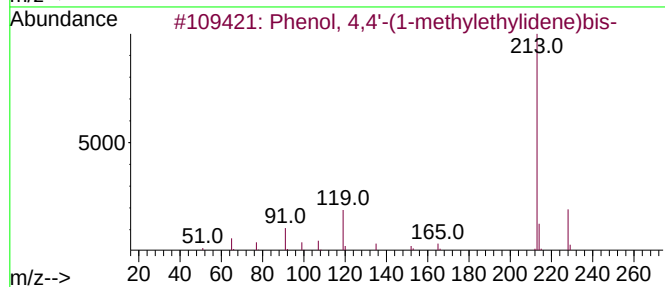
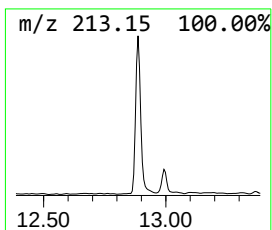
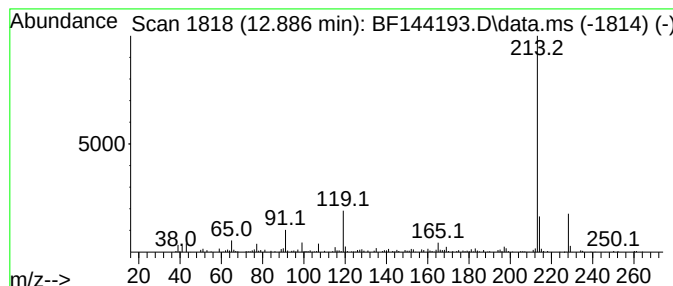
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.886	7.17 ng	149273	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	52
4	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	47
5	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

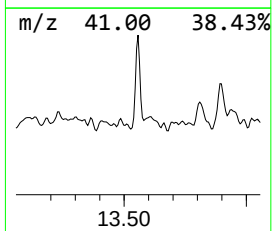
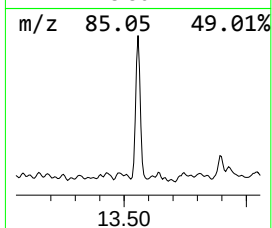
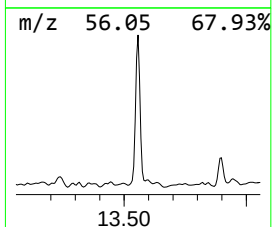
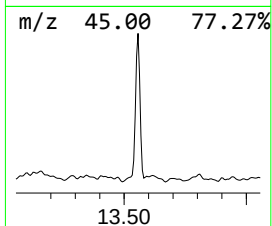
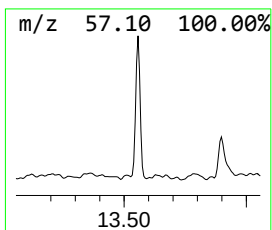
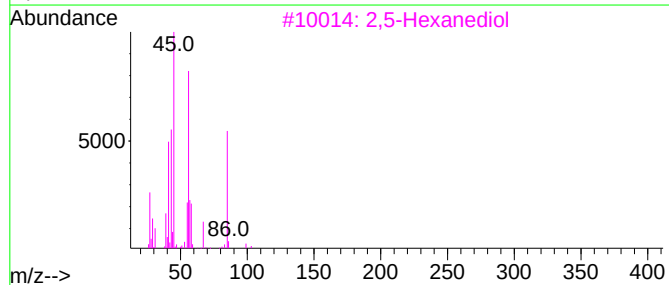
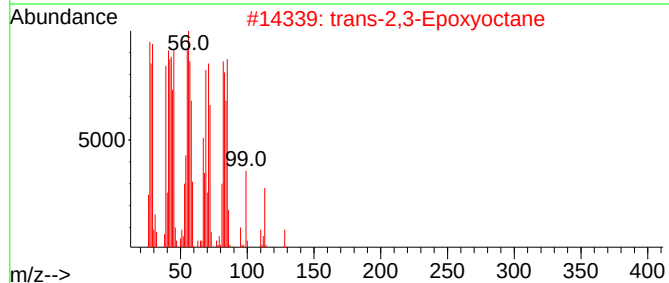
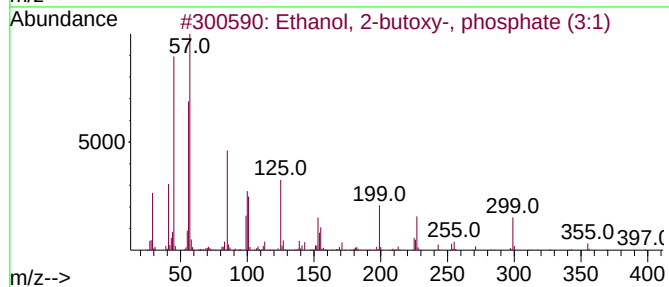
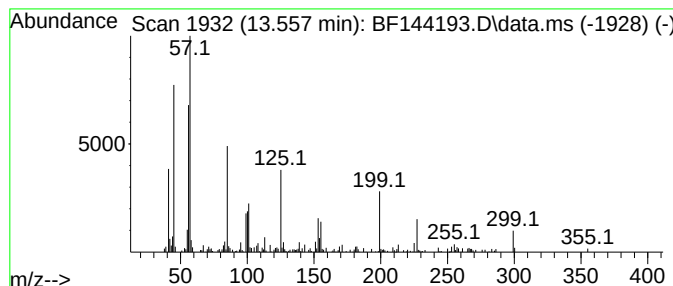
Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Ethanol, 2-butoxy-, phospho... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.557	6.43 ng	133774	Chrysene-d12	14.051		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	86
2		trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	49
3		2,5-Hexanediol	118	C6H14O2	002935-44-6	38
4		Propanoic acid, 3-methoxy-2-meth...	132	C6H12O3	003852-11-7	27
5		1-[2-(2-Fluorophenyl)ethyl]hydra...	154	C8H11FN2	032607-85-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid, ...	7.704	20.4	ng	436220	2	8.157	427187	20.0
Phenol, 2-ethoxy-	7.845	73.8	ng	1576780	2	8.157	427187	20.0
2-Ethoxy-4-meth...	8.487	23.4	ng	500544	2	8.157	427187	20.0
Phenol, p-tert-...	8.722	5.1	ng	108378	2	8.157	427187	20.0
Benzoic acid, p...	9.828	5.7	ng	133430	3	9.910	464908	20.0
Diethyltoluamide	10.292	14.9	ng	346837	3	9.910	464908	20.0
Ibuprofen	10.475	77.1	ng	1792120	3	9.910	464908	20.0
2(3H)-Benzothia...	10.833	17.9	ng	361936	4	11.404	403244	20.0
Benzenesulfonam...	10.998	9.7	ng	195116	4	11.404	403244	20.0
Benzenesulfonam...	11.298	25.8	ng	519125	4	11.404	403244	20.0
Benzoic acid, 3...	11.692	4.9	ng	98791	4	11.404	403244	20.0
n-Hexadecanoic ...	11.933	11.3	ng	227309	4	11.404	403244	20.0
3,5-di-tert-But...	12.063	35.5	ng	715324	4	11.404	403244	20.0
Phenol, 4,4'-(1...	12.886	7.2	ng	149273	5	14.051	416197	20.0
Ethanol, 2-buto...	13.557	6.4	ng	133774	5	14.051	416197	20.0



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Fax : 908 789 8922

Report of Analysis

Client: Remington & Vernick Engineers

Project: Edison Landfill

Client Sample ID: MW-10

Lab Sample ID: Q3552-04

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 1000 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 11/06/25

Date Collected: 11/05/25

Date Received: 11/05/25

SDG No.: Q3552

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 22:33	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 22:33	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 22:33	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 22:33	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 22:33	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 22:33	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 22:33	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 22:33	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 22:33	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 22:33	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 22:33	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 22:33	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 22:33	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 22:33	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 22:33	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 22:33	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 22:33	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 22:33	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 22:33	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 22:33	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 22:33	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 22:33	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 22:33	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 22:33	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 22:33	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 22:33	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 22:33	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 22:33	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 22:33	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 22:33	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 22:33	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 22:33	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 22:33	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 22:33	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 22:33	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 22:33	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 22:33	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 22:33	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 22:33	PB170424

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/05/25	
Project: Edison Landfill	Date Received: 11/05/25	
Client Sample ID: MW-10	SDG No.: Q3552	
Lab Sample ID: Q3552-04	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 22:33	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 22:33	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 22:33	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 22:33	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 22:33	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 22:33	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 22:33	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 22:33	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 22:33	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 22:33	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 22:33	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 22:33	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 22:33	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 22:33	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.70	J	1	1.60	5.00	ug/L	11/06/25 22:33	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 22:33	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 22:33	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 22:33	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 22:33	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 22:33	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 22:33	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 22:33	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 22:33	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 22:33	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 22:33	PB170424

SURROGATES

367-12-4	2-Fluorophenol	78.2			15 (23) - 110 (138)	52%	SPK: 150
13127-88-3	Phenol-d6	62.2			15 (10) - 110 (134)	41%	SPK: 150
4165-60-0	Nitrobenzene-d5	103			30 (67) - 130 (132)	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.2			30 (52) - 130 (132)	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	202	*		15 (44) - 110 (137)	135%	SPK: 150
1718-51-0	Terphenyl-d14	95.2			30 (42) - 130 (152)	95%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	221000
1146-65-2	Naphthalene-d8	865000
15067-26-2	Acenaphthene-d10	581000
1517-22-2	Phenanthrene-d10	1390000
1719-03-5	Chrysene-d12	1680000
1520-96-3	Perylene-d12	1910000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	3.20	J		15.7	ug/L
000057-10-3	n-Hexadecanoic acid	6.80	J		18.1	ug/L



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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
015594-90-8	1-Heneicosanol	2.60	J			21.3	ug/L		
007683-64-9	Supraene	2.20	J			23.4	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Time: Nov 07 01:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

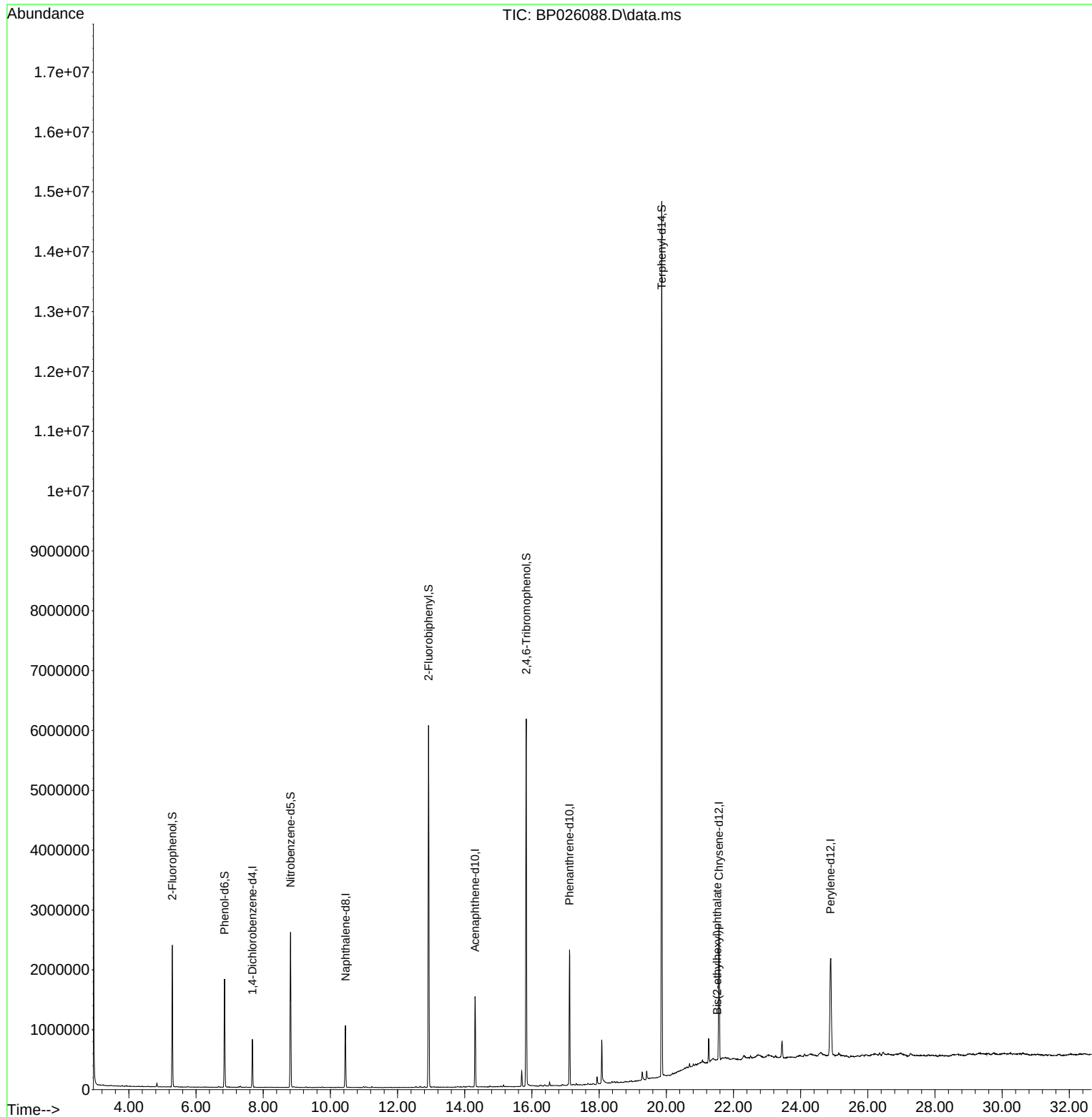
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	220839	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	864710	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	581288	20.000	ng	-0.01
64) Phenanthrene-d10	17.119	188	1390893	20.000	ng	0.00
76) Chrysene-d12	21.565	240	1683437	20.000	ng	0.00
86) Perylene-d12	24.889	264	1911691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1046029	78.159	ng	0.00
7) Phenol-d6	6.849	99	1059230	62.182	ng	0.00
23) Nitrobenzene-d5	8.813	82	1430655	103.141	ng	-0.01
42) 2,4,6-Tribromophenol	15.830	330	1270840	202.225	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3528484	87.223	ng	0.00
79) Terphenyl-d14	19.865	244	7886001	95.174	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.518	149	10534	2.744	ng	# 95

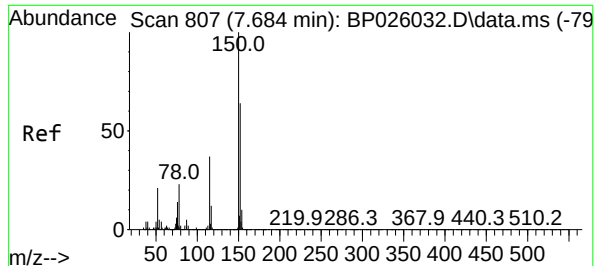
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Time: Nov 07 01:04:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

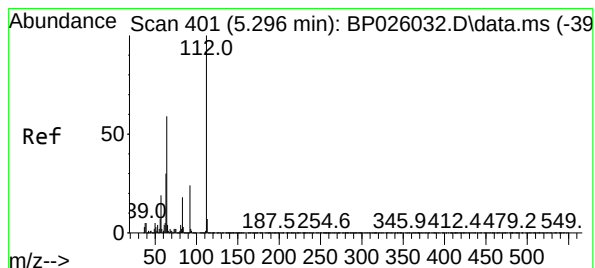
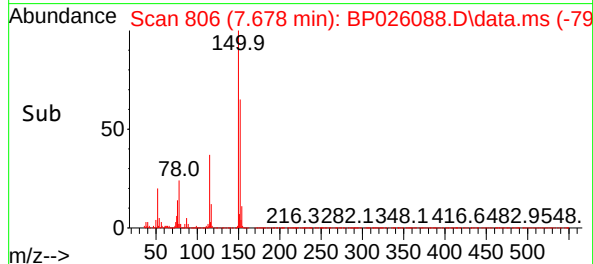
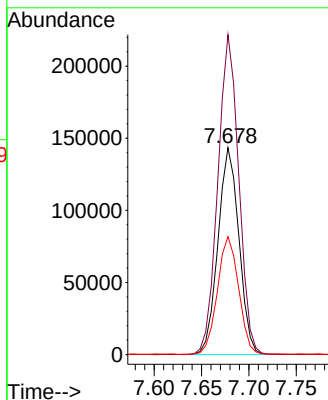
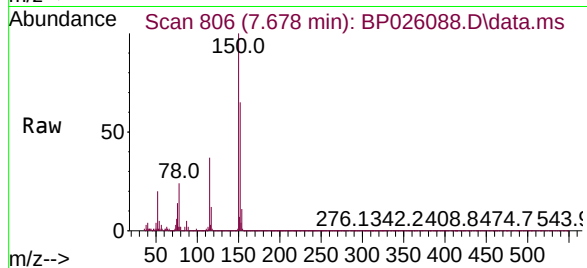




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

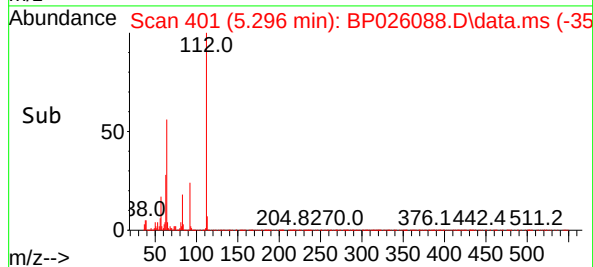
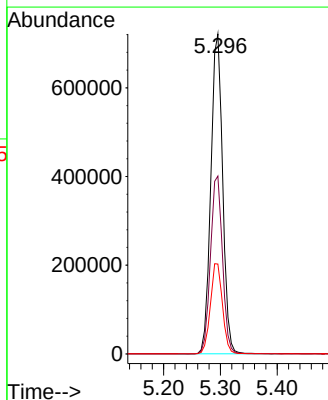
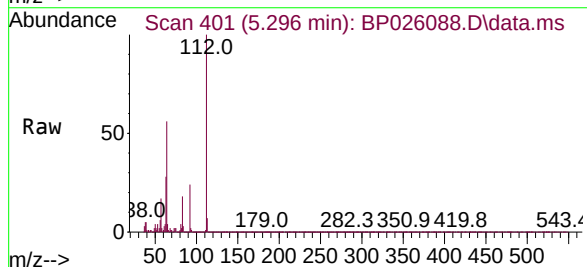
Instrument :
BNA_P
ClientSampleId :
MW-10

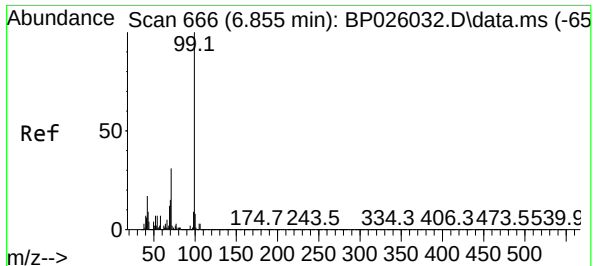
Tgt Ion:152 Resp: 220839
Ion Ratio Lower Upper
152 100
150 154.6 125.7 188.5
115 57.0 46.4 69.6



#5
2-Fluorophenol
Concen: 78.159 ng
RT: 5.296 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:112 Resp: 1046029
Ion Ratio Lower Upper
112 100
64 55.6 47.4 71.2
63 28.1 24.2 36.4

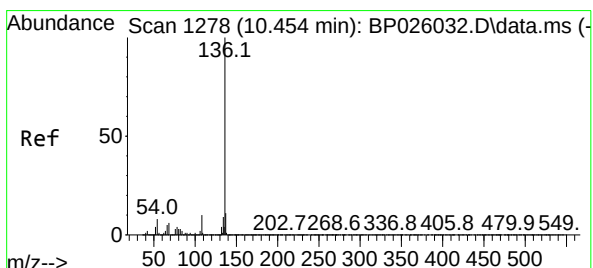
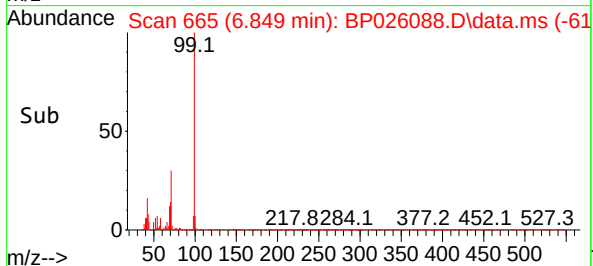
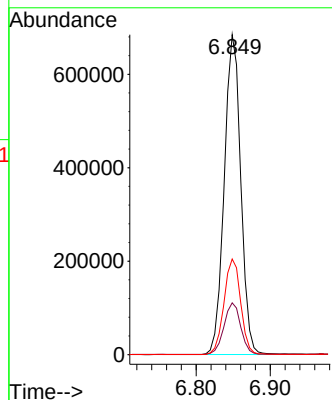
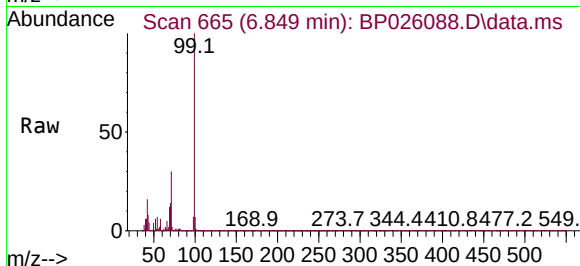




#7
Phenol-d6
Concen: 62.182 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

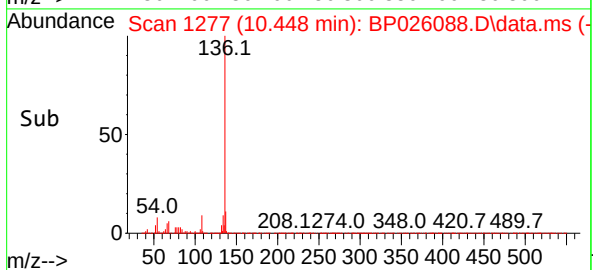
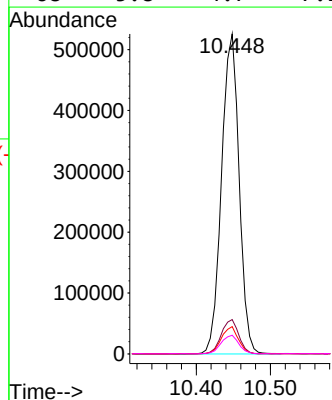
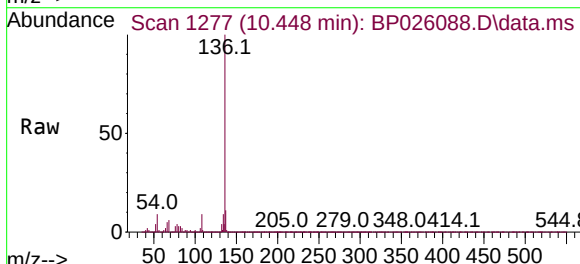
Instrument :
BNA_P
ClientSampleId :
MW-10

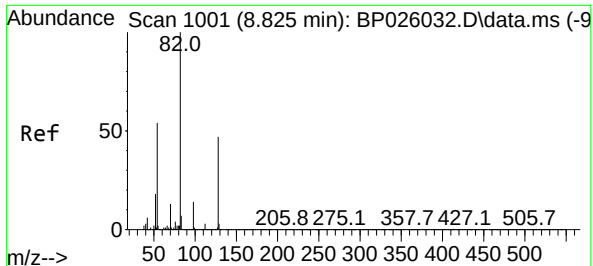
Tgt Ion: 99 Resp: 1059230
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 29.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion: 136 Resp: 864710
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.5 6.6 10.0
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 103.141 ng

RT: 8.813 min Scan# 99

Delta R.T. -0.012 min

Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

Instrument :

BNA_P

ClientSampleId :

MW-10

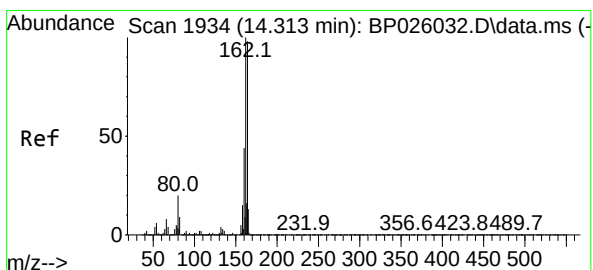
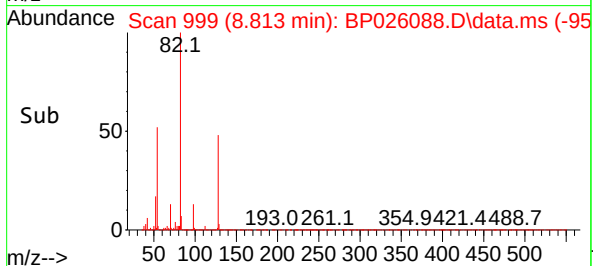
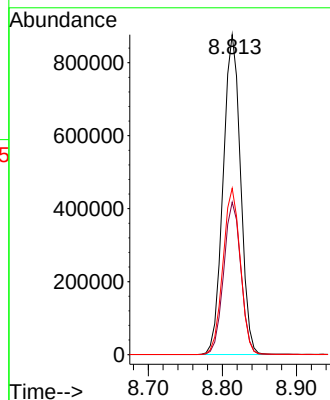
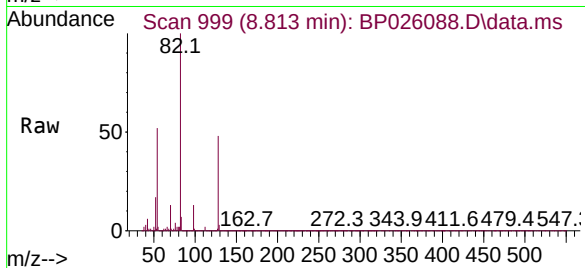
Tgt Ion: 82 Resp: 1430655

Ion Ratio Lower Upper

82 100

128 47.6 37.4 56.0

54 52.0 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.307 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

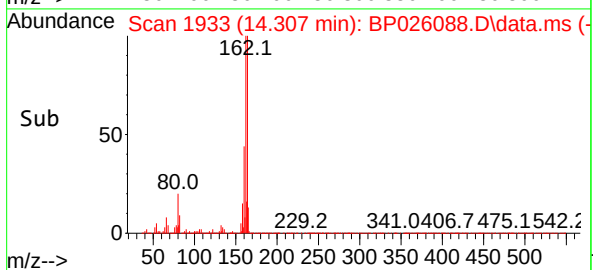
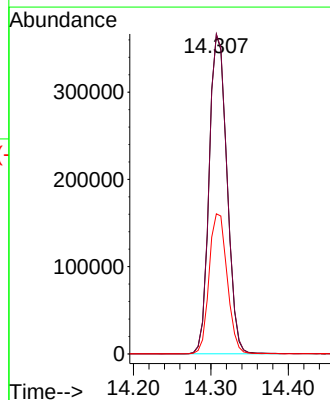
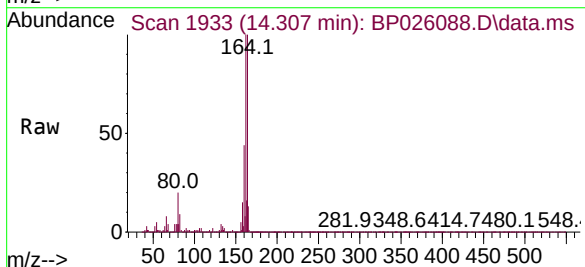
Tgt Ion:164 Resp: 581288

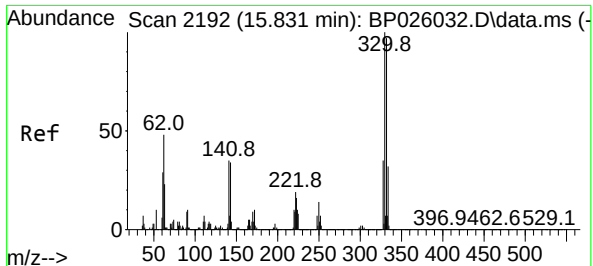
Ion Ratio Lower Upper

164 100

162 100.2 81.5 122.3

160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 202.225 ng

RT: 15.830 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

Instrument :

BNA_P

ClientSampleId :

MW-10

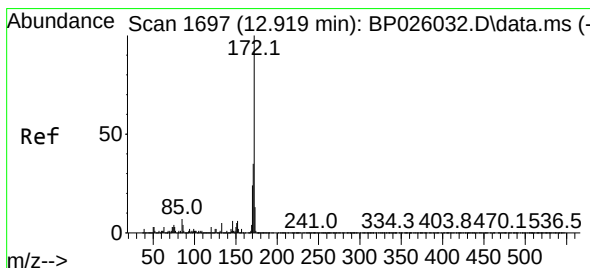
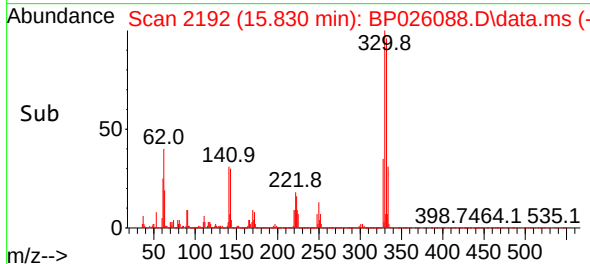
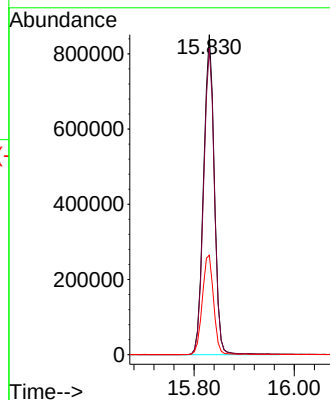
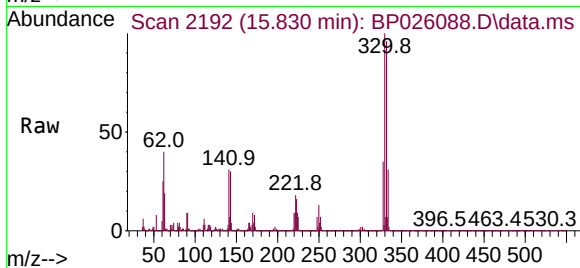
Tgt Ion:330 Resp: 1270840

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 32.5 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 87.223 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

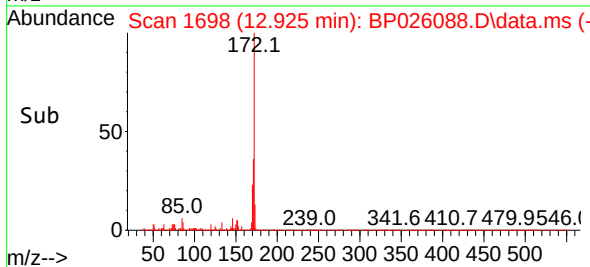
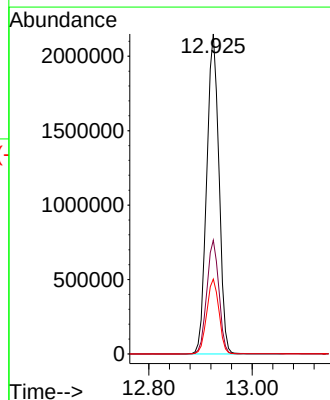
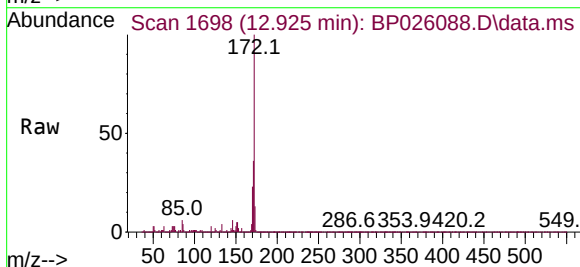
Tgt Ion:172 Resp: 3528484

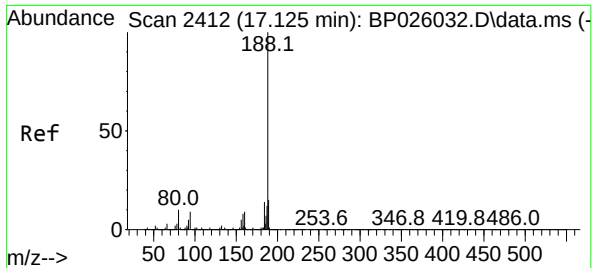
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.4 19.0 28.4

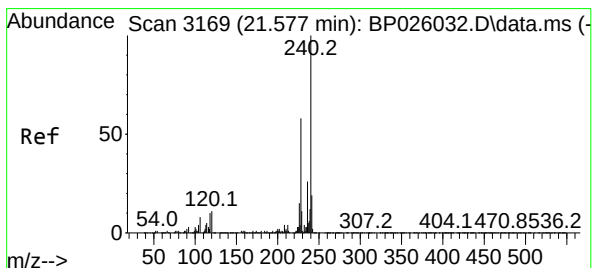
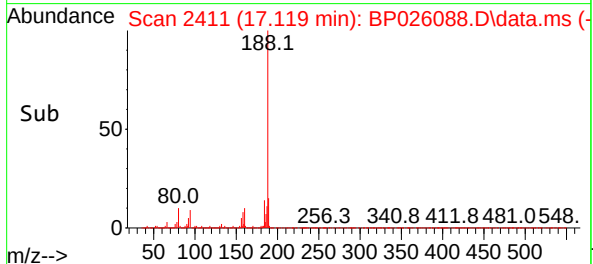
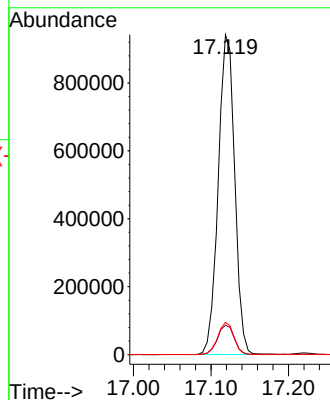
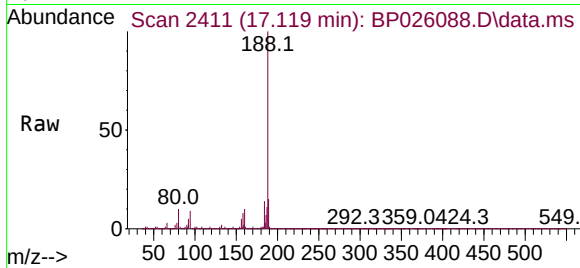




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

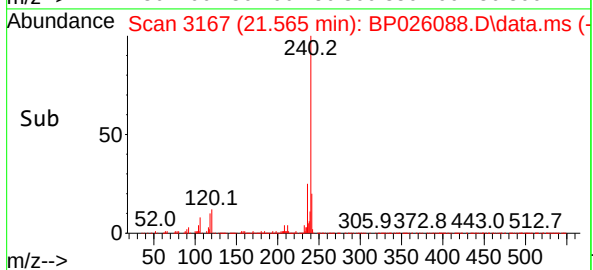
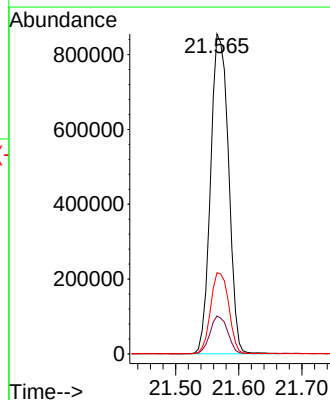
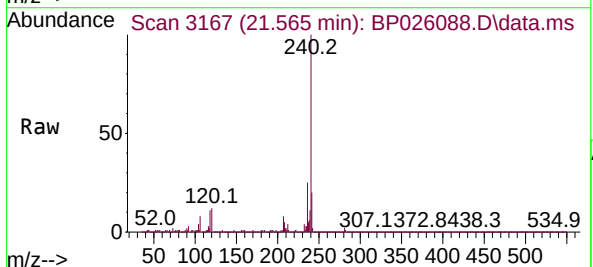
Instrument :
BNA_P
ClientSampleId :
MW-10

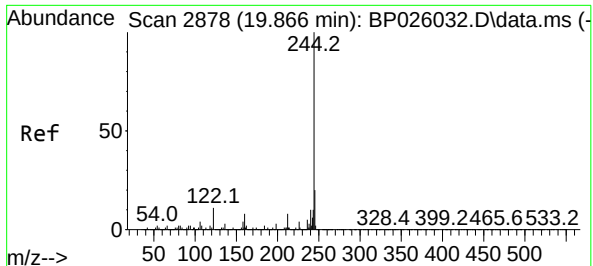
Tgt Ion:188 Resp: 1390893
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:240 Resp: 1683437
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.4 20.6 31.0

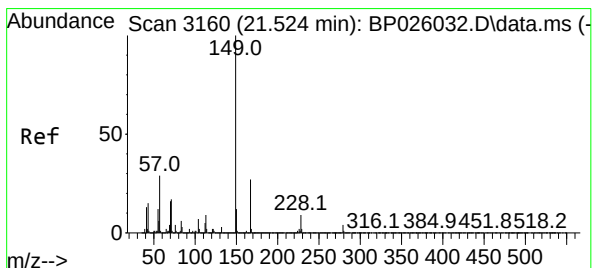
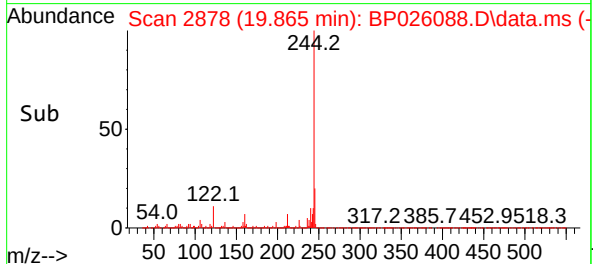
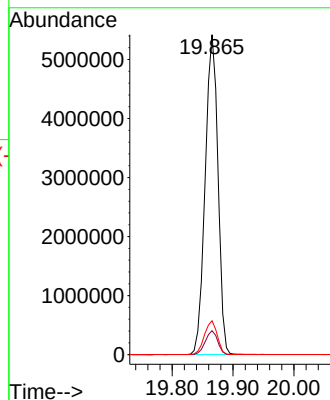
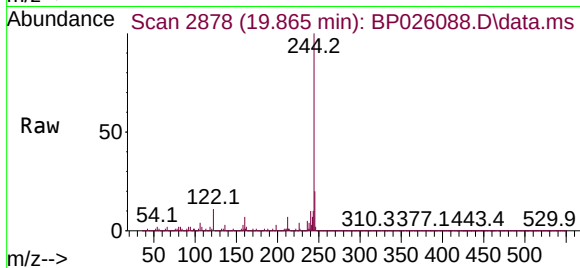




#79
 Terphenyl-d14
 Concen: 95.174 ng
 RT: 19.865 min Scan# 2878
 Delta R.T. 0.000 min
 Lab File: BP026088.D
 Acq: 06 Nov 2025 22:33

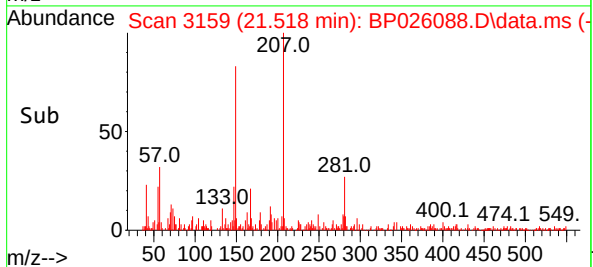
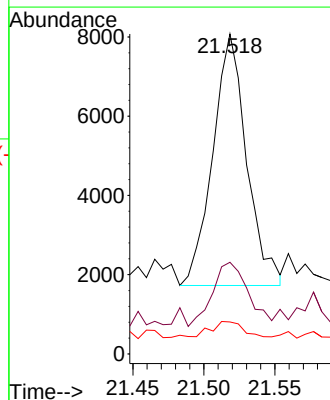
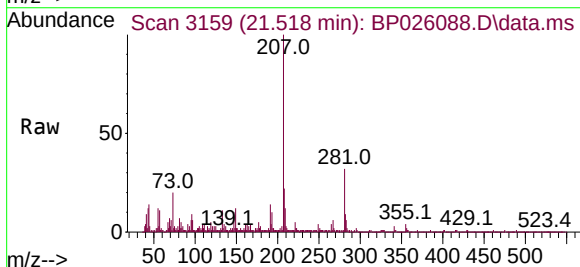
Instrument :
 BNA_P
 ClientSampleId :
 MW-10

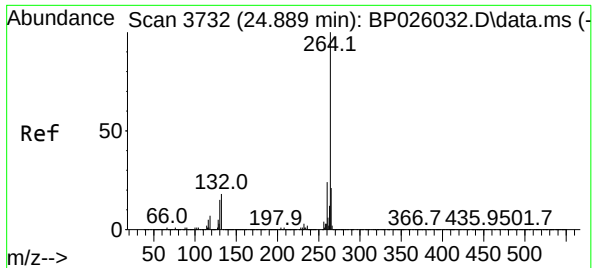
Tgt Ion:244 Resp: 7886001
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.6 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.744 ng
 RT: 21.518 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: BP026088.D
 Acq: 06 Nov 2025 22:33

Tgt Ion:149 Resp: 10534
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.5 32.3
 279 10.0 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.889 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026088.D

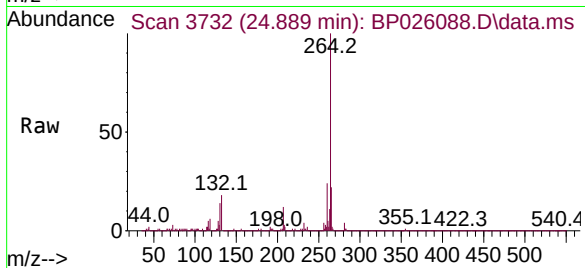
Acq: 06 Nov 2025 22:33

Instrument :

BNA_P

ClientSampleId :

MW-10



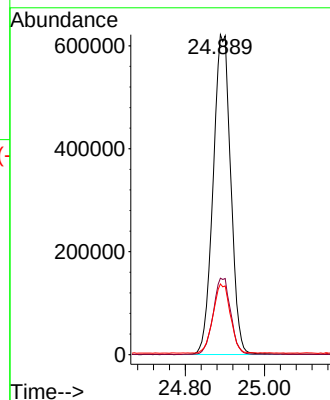
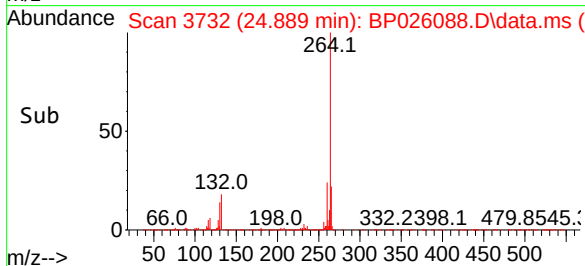
Tgt Ion:264 Resp: 1911691

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.1 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026088.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	410	rBV	2373773	3486483	16.57%	4.816%
2	6.849	658	665	676	rBV	1808630	2850799	13.55%	3.938%
3	7.678	799	806	814	rBV	802363	1226184	5.83%	1.694%
4	8.813	990	999	1011	rBV	2593506	4254913	20.22%	5.877%
5	10.448	1267	1277	1283	rBV	1038029	1712991	8.14%	2.366%
6	12.925	1689	1698	1712	rBV	6049680	9947991	47.28%	13.741%
7	14.307	1927	1933	1942	rBV	1511165	2421256	11.51%	3.344%
8	15.695	2163	2169	2176	rBV	256132	385415	1.83%	0.532%
9	15.830	2184	2192	2203	rBV	6138695	9443736	44.89%	13.044%
10	17.119	2405	2411	2419	rVB2	2260377	3350124	15.92%	4.627%
11	17.936	2546	2550	2561	rBV	127652	221222	1.05%	0.306%
12	18.077	2569	2574	2583	rBV	728648	1144788	5.44%	1.581%
13	19.283	2775	2779	2789	rBV	124742	213073	1.01%	0.294%
14	19.418	2798	2802	2812	rBV2	137905	242372	1.15%	0.335%
15	19.865	2871	2878	2884	rBV	14625973	21039042	100.00%	29.061%
16	21.260	3111	3115	3122	rBV	402247	586079	2.79%	0.810%
17	21.565	3161	3167	3176	rBV2	2258574	4431963	21.07%	6.122%
18	23.448	3483	3487	3494	rVB	283575	531498	2.53%	0.734%
19	24.889	3724	3732	3745	rVB	1613439	4906453	23.32%	6.777%

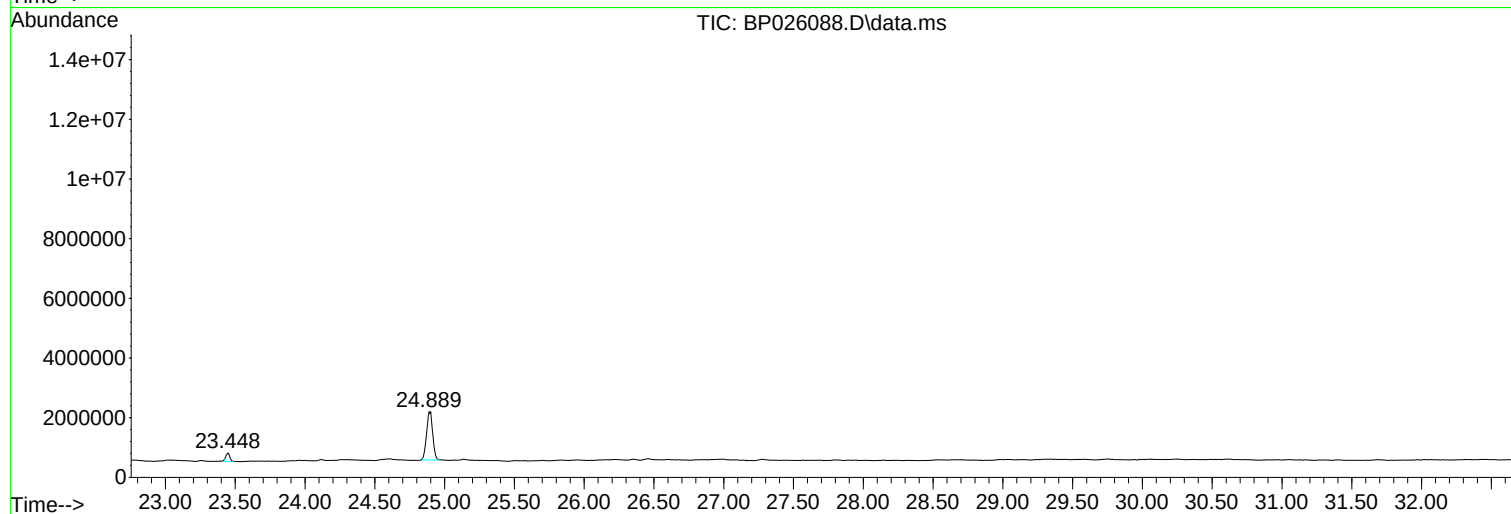
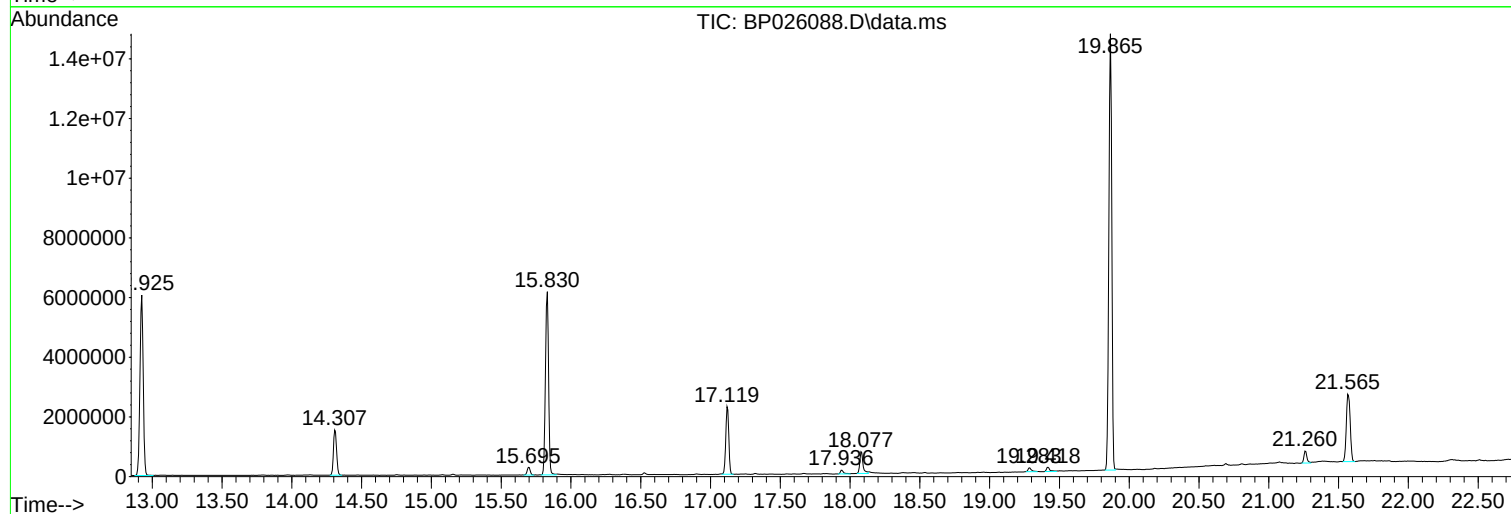
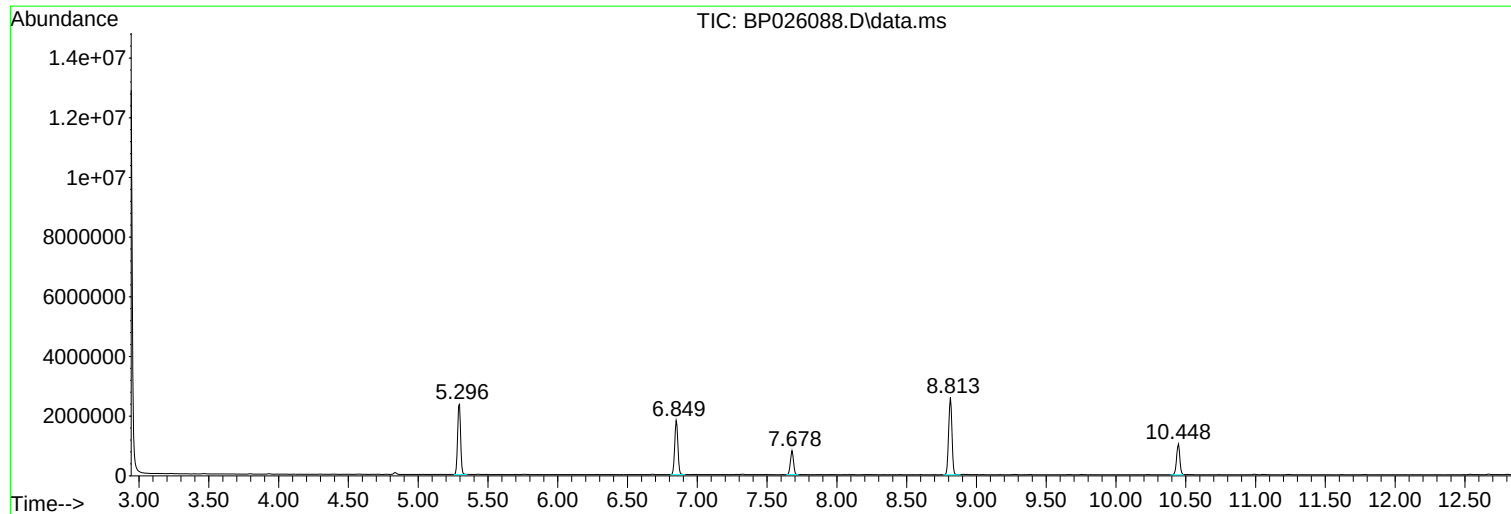
Sum of corrected areas: 72396382

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

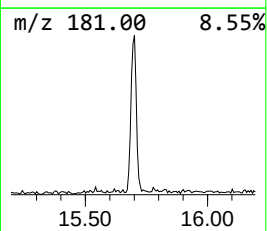
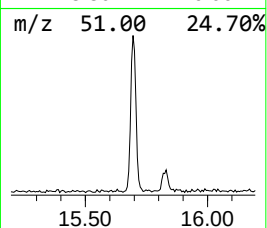
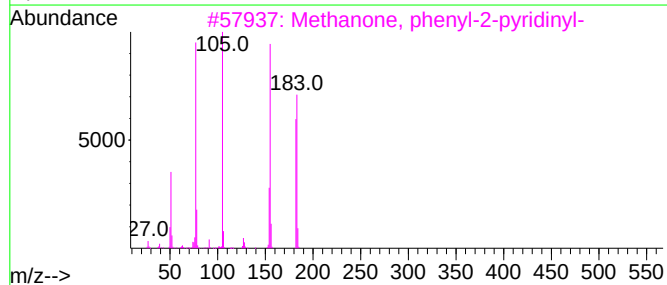
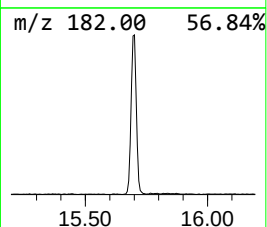
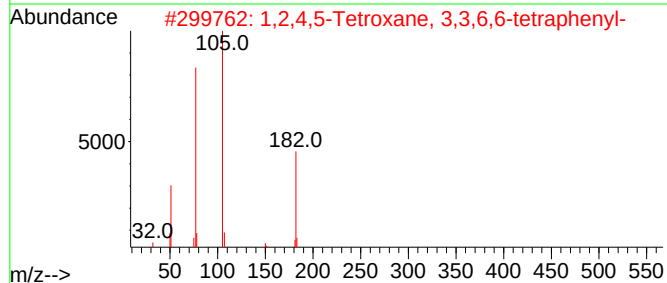
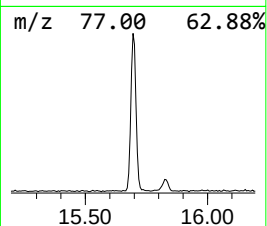
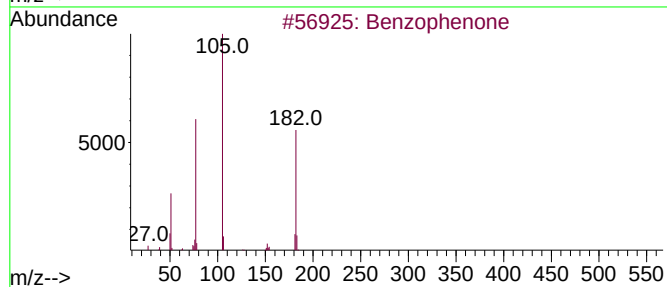
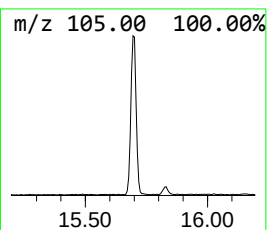
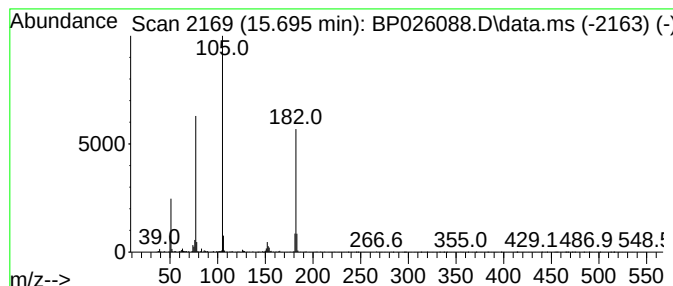
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.695	3.18 ng	385415	Acenaphthene-d10	14.307

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4			Azobenzene	182	C12H10N2	000103-33-3	47
5			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

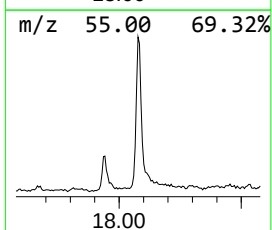
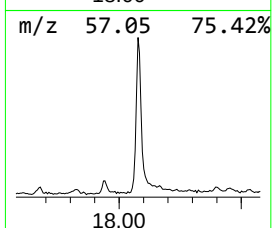
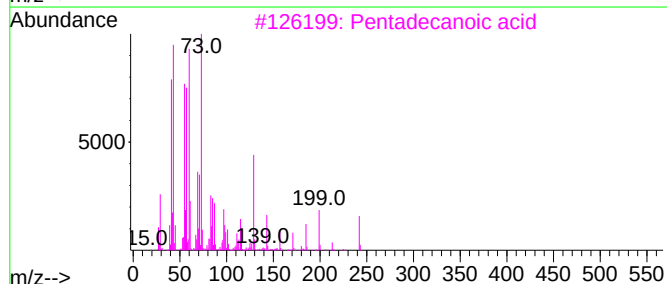
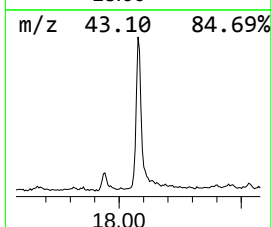
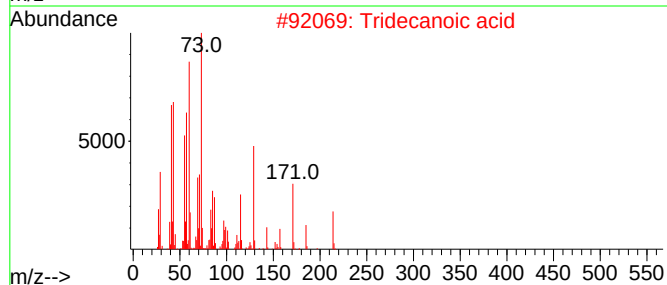
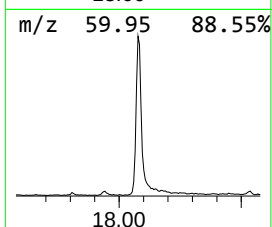
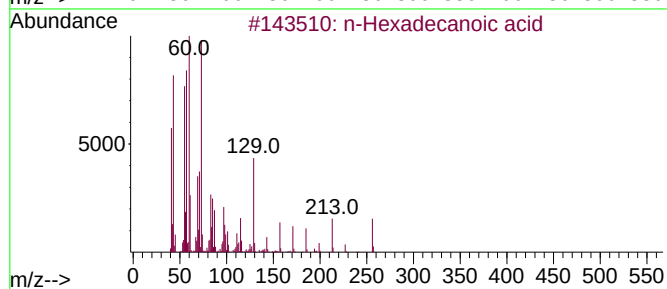
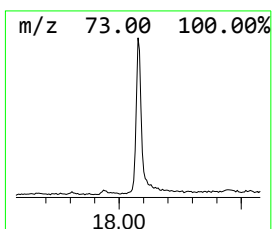
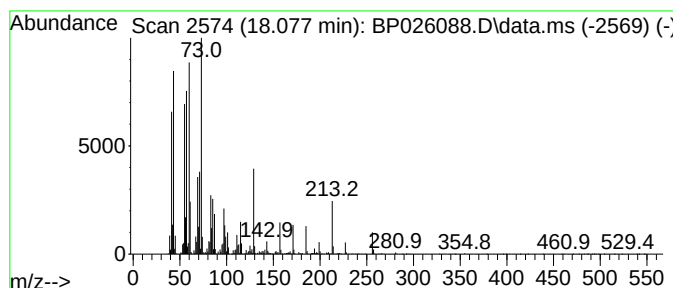
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.077	6.83 ng	1144790	Phenanthrene-d10	17.119

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Octadecanoic acid	284	C18H36O2	000057-11-4	83
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

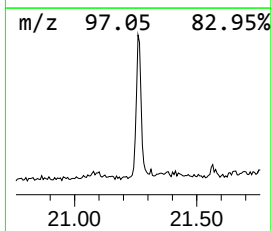
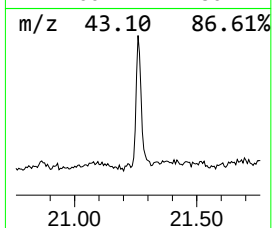
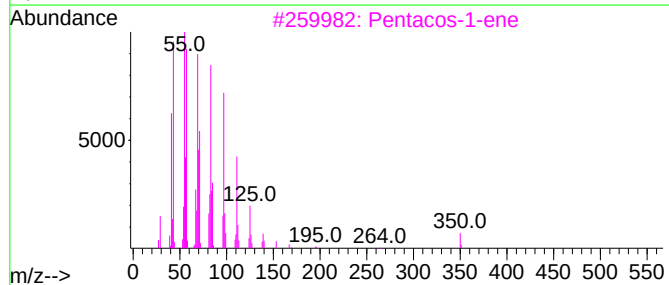
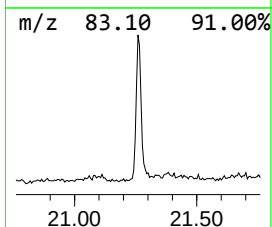
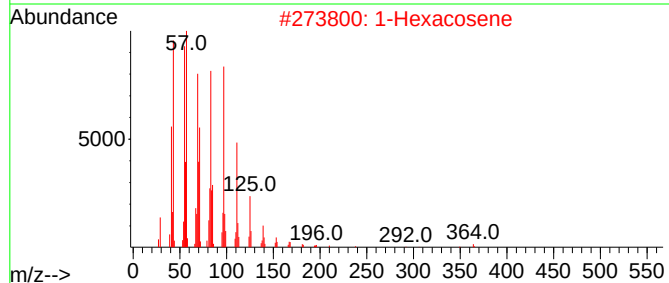
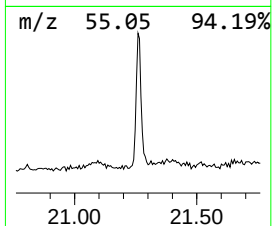
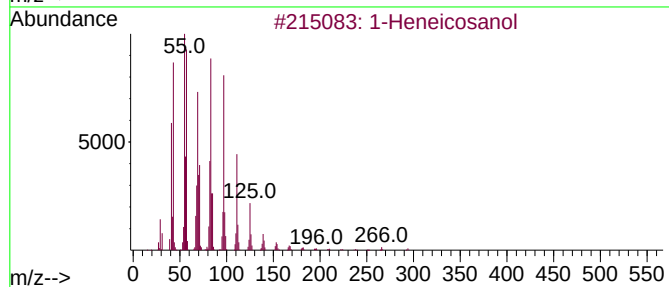
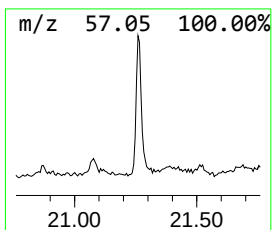
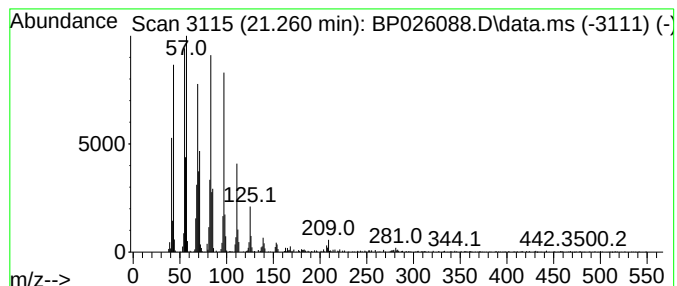
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.259	2.64 ng	586079	Chrysene-d12	21.565

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			1-Hexacosene	364	C26H52	018835-33-1	94
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			1-Tetracosene	336	C24H48	010192-32-2	94
5			Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

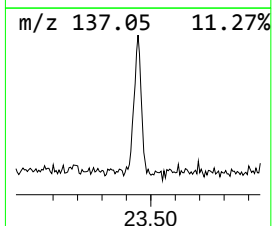
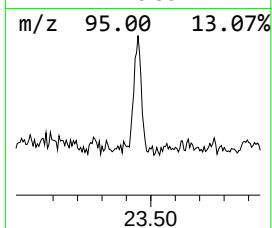
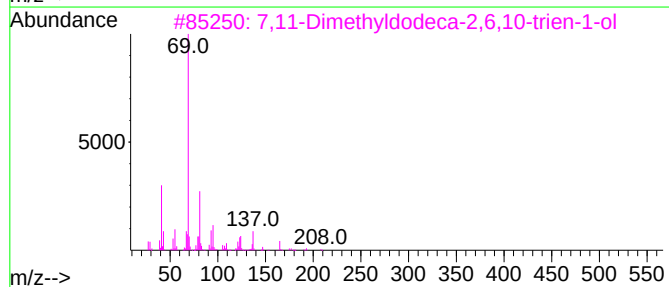
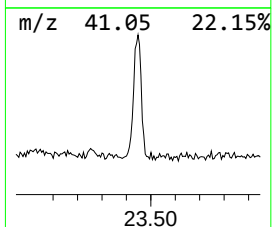
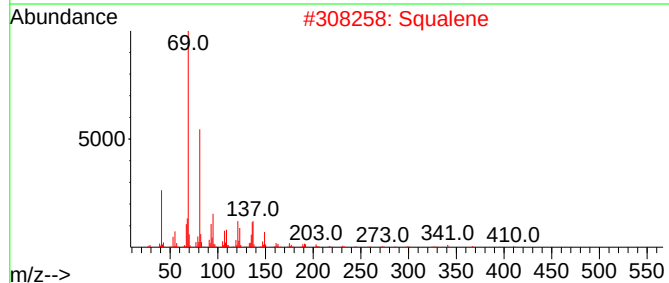
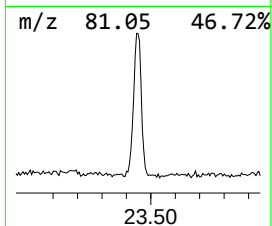
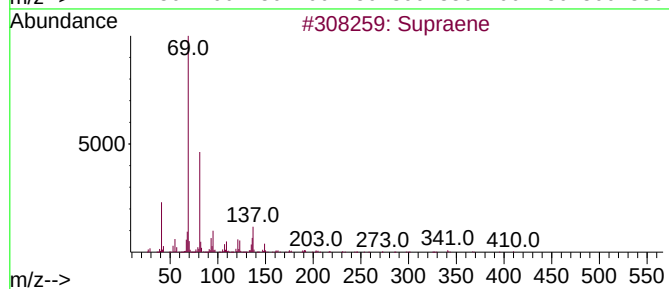
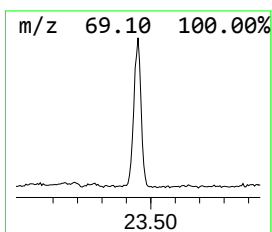
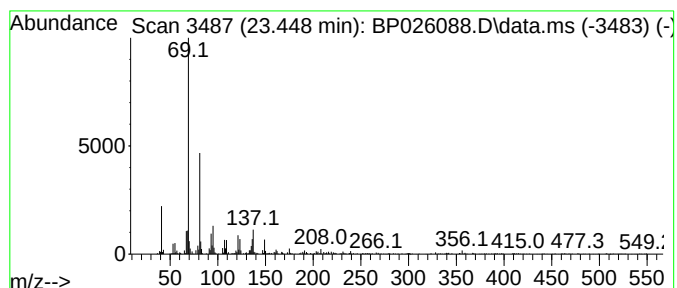
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.448	2.17 ng	531498	Perylene-d12	24.889

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	97
2			Squalene	410	C30H50	000111-02-4	91
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4			3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	64
5			trans-Farnesol	222	C15H26O	000106-28-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.695	3.2	ng	385415	3	14.307	2421260	20.0
n-Hexadecanoic ...	18.077	6.8	ng	1144790	4	17.119	3350120	20.0
1-Heneicosanol	21.259	2.6	ng	586079	5	21.565	4431960	20.0
Supraene	23.448	2.2	ng	531498	6	24.889	4906450	20.0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client: Remington & Vernick Engineers

Project: Edison Landfill

Client Sample ID: MW-3

Lab Sample ID: Q3552-05

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 940 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 11/06/25

Date Collected: 11/04/25

Date Received: 11/05/25

SDG No.: Q3552

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.20	U	1	4.20	10.6	ug/L	11/06/25 18:23	PB170424
108-95-2	Phenol	0.97	U	1	0.97	5.30	ug/L	11/06/25 18:23	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.86	U	1	0.86	5.30	ug/L	11/06/25 18:23	PB170424
95-57-8	2-Chlorophenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 18:23	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 18:23	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1	1.40	5.30	ug/L	11/06/25 18:23	PB170424
98-86-2	Acetophenone	0.79	U	1	0.79	5.30	ug/L	11/06/25 18:23	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.6	ug/L	11/06/25 18:23	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.70	ug/L	11/06/25 18:23	PB170424
67-72-1	Hexachloroethane	0.69	U	1	0.69	5.30	ug/L	11/06/25 18:23	PB170424
98-95-3	Nitrobenzene	0.81	U	1	0.81	5.30	ug/L	11/06/25 18:23	PB170424
78-59-1	Isophorone	0.80	U	1	0.80	5.30	ug/L	11/06/25 18:23	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 18:23	PB170424
105-67-9	2,4-Dimethylphenol	2.00	U	1	2.00	5.30	ug/L	11/06/25 18:23	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 18:23	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 18:23	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 18:23	PB170424
106-47-8	4-Chloroaniline	0.89	UQ	1	0.89	5.30	ug/L	11/06/25 18:23	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 18:23	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.6	ug/L	11/06/25 18:23	PB170424
59-50-7	4-Chloro-3-methylphenol	0.63	U	1	0.63	5.30	ug/L	11/06/25 18:23	PB170424
91-57-6	2-Methylnaphthalene	0.60	U	1	0.60	5.30	ug/L	11/06/25 18:23	PB170424
77-47-4	Hexachlorocyclopentadiene	3.90	U	1	3.90	10.6	ug/L	11/06/25 18:23	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 18:23	PB170424
95-95-4	2,4,5-Trichlorophenol	0.66	U	1	0.66	5.30	ug/L	11/06/25 18:23	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 18:23	PB170424
91-58-7	2-Chloronaphthalene	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 18:23	PB170424
131-11-3	Dimethylphthalate	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
208-96-8	Acenaphthylene	0.80	U	1	0.80	5.30	ug/L	11/06/25 18:23	PB170424
606-20-2	2,6-Dinitrotoluene	0.98	U	1	0.98	5.30	ug/L	11/06/25 18:23	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 18:23	PB170424
83-32-9	Acenaphthene	0.59	U	1	0.59	5.30	ug/L	11/06/25 18:23	PB170424
51-28-5	2,4-Dinitrophenol	6.40	U	1	6.40	10.6	ug/L	11/06/25 18:23	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.6	ug/L	11/06/25 18:23	PB170424
132-64-9	Dibenzofuran	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 18:23	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 18:23	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 18:23	PB170424
86-73-7	Fluorene	0.67	U	1	0.67	5.30	ug/L	11/06/25 18:23	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 18:23	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	1	3.10	10.6	ug/L	11/06/25 18:23	PB170424

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/04/25	
Project: Edison Landfill	Date Received: 11/05/25	
Client Sample ID: MW-3	SDG No.: Q3552	
Lab Sample ID: Q3552-05	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 940 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.62	U	1	0.62	5.30	ug/L	11/06/25 18:23	PB170424
101-55-3	4-Bromophenyl-phenylether	0.43	U	1	0.43	5.30	ug/L	11/06/25 18:23	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 18:23	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 18:23	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.6	ug/L	11/06/25 18:23	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 18:23	PB170424
120-12-7	Anthracene	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
86-74-8	Carbazole	0.77	U	1	0.77	5.30	ug/L	11/06/25 18:23	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 18:23	PB170424
206-44-0	Fluoranthene	0.87	U	1	0.87	5.30	ug/L	11/06/25 18:23	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 18:23	PB170424
85-68-7	Butylbenzylphthalate	2.10	U	1	2.10	5.30	ug/L	11/06/25 18:23	PB170424
91-94-1	3,3-Dichlorobenzidine	0.99	U	1	0.99	10.6	ug/L	11/06/25 18:23	PB170424
56-55-3	Benzo(a)anthracene	0.48	U	1	0.48	5.30	ug/L	11/06/25 18:23	PB170424
218-01-9	Chrysene	0.47	U	1	0.47	5.30	ug/L	11/06/25 18:23	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.30	ug/L	11/06/25 18:23	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.6	ug/L	11/06/25 18:23	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 18:23	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 18:23	PB170424
50-32-8	Benzo(a)pyrene	0.59	U	1	0.59	5.30	ug/L	11/06/25 18:23	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	1	0.63	5.30	ug/L	11/06/25 18:23	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 18:23	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 18:23	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 18:23	PB170424
123-91-1	1,4-Dioxane	15.7		1	1.10	5.30	ug/L	11/06/25 18:23	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	1	0.77	5.30	ug/L	11/06/25 18:23	PB170424

SURROGATES

367-12-4	2-Fluorophenol	73.9		15 (23) - 110 (138)	49%	SPK: 150
13127-88-3	Phenol-d6	48.8		15 (10) - 110 (134)	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.8		30 (67) - 130 (132)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.1		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	67.3		30 (42) - 130 (152)	67%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58200
1146-65-2	Naphthalene-d8	209000
15067-26-2	Acenaphthene-d10	105000
1517-22-2	Phenanthrene-d10	160000
1719-03-5	Chrysene-d12	155000
1520-96-3	Perylene-d12	205000

TENTATIVE IDENTIFIED COMPOUNDS

003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	6.30	J	7.68	ug/L
000101-84-8	Diphenyl ether	5.20	J	9.43	ug/L



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 mL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000098-73-7	Benzoic acid, p-tert-butyl-	18.2	J			9.83	ug/L		
000134-62-3	Diethyltoluamide	4.00	J			10.3	ug/L		
000119-61-9	Benzophenone	4.80	J			10.6	ug/L		
000934-34-9	2(3H)-Benzothiazolone	16.8	J			10.8	ug/L		
007569-34-8	Benzene, 4-(ethylsulfonyl)-1-methy	6.50	J			11.0	ug/L		
000057-10-3	n-Hexadecanoic acid	7.50	J			11.9	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	6.20	J			12.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	89.8	J			12.9	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144194.D
 Acq On : 06 Nov 2025 18:23
 Operator : RC/JU
 Sample : Q3552-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Nov 07 00:01:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

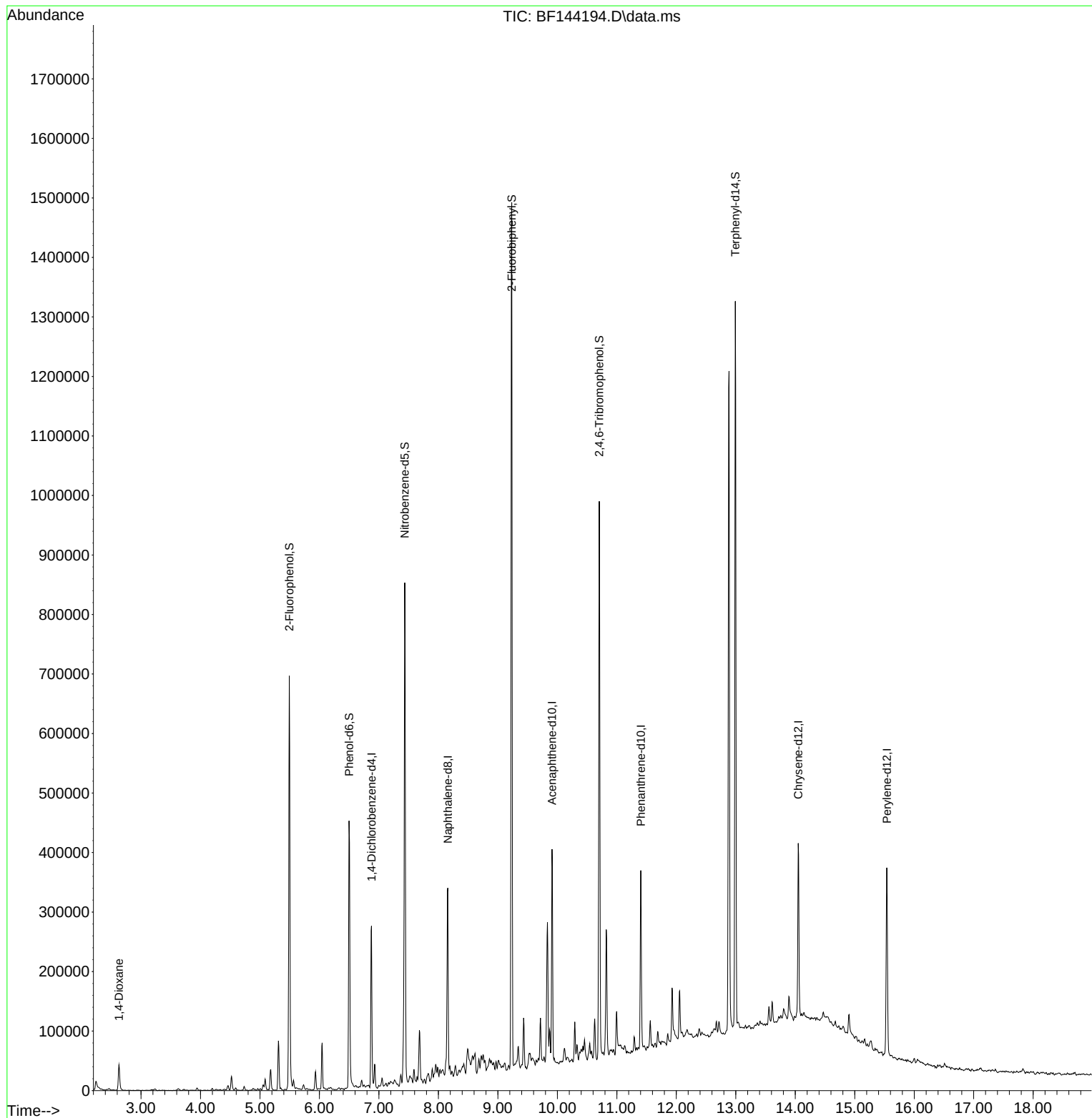
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58210	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	208798	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105364	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	159603	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155174	20.000	ng	0.00
86) Perylene-d12	15.539	264	204734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	274834	73.884	ng	0.00
7) Phenol-d6	6.498	99	205741	48.814	ng	0.00
23) Nitrobenzene-d5	7.434	82	342614	94.769	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	172047	130.122	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	699695	98.079	ng	0.00
79) Terphenyl-d14	12.992	244	657689	67.323	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.628	88	22710	14.767	ng	Qvalue # 93

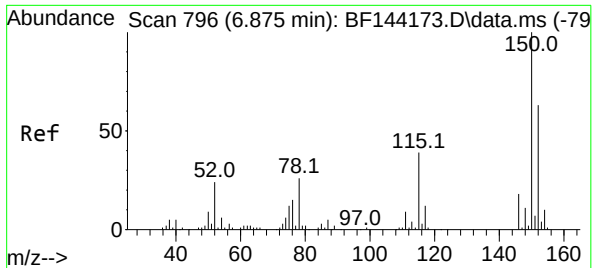
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

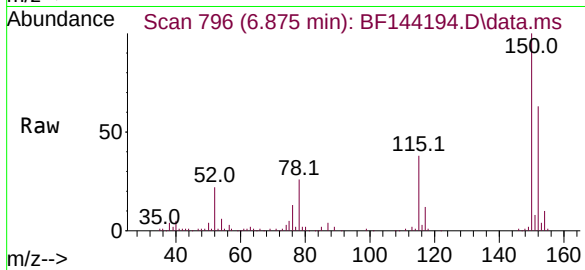
Quant Time: Nov 07 00:01:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



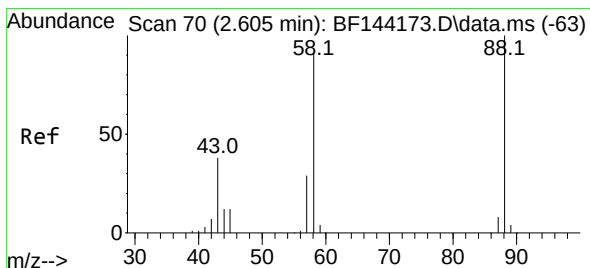
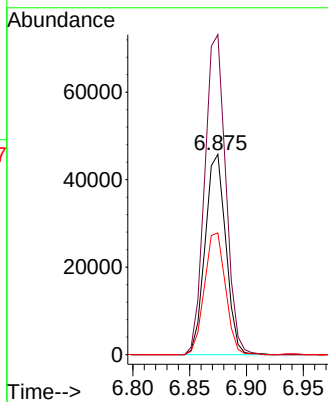
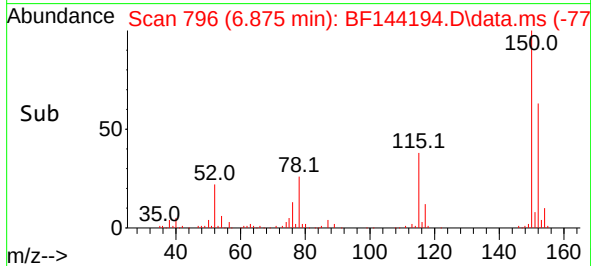


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

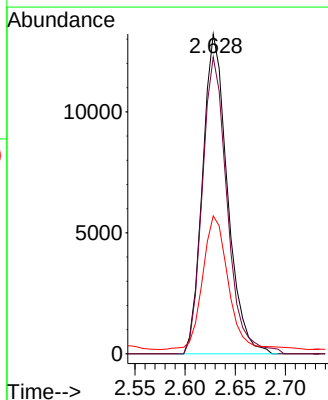
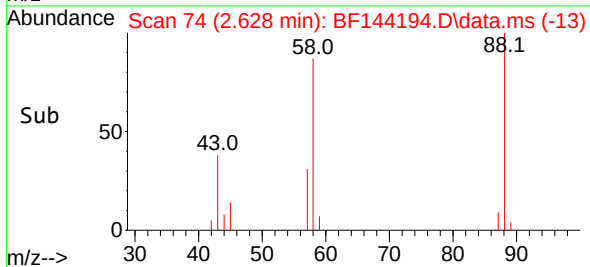
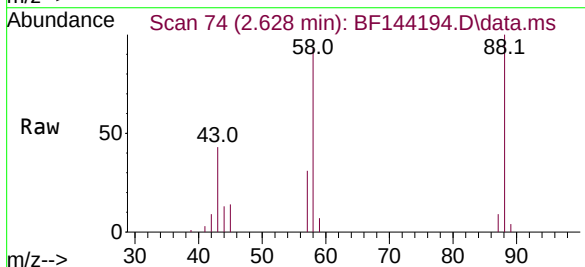


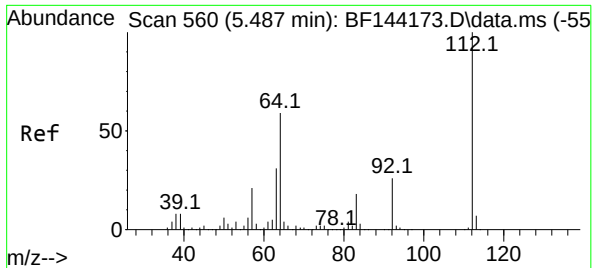
Tgt Ion:152 Resp: 58210
Ion Ratio Lower Upper
152 100
150 159.7 127.4 191.0
115 60.7 49.5 74.3



#2
1,4-Dioxane
Concen: 14.767 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion: 88 Resp: 22710
Ion Ratio Lower Upper
88 100
58 92.7 73.1 109.7
43 51.3 31.0 46.6

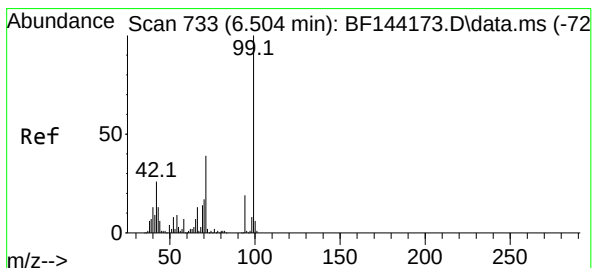
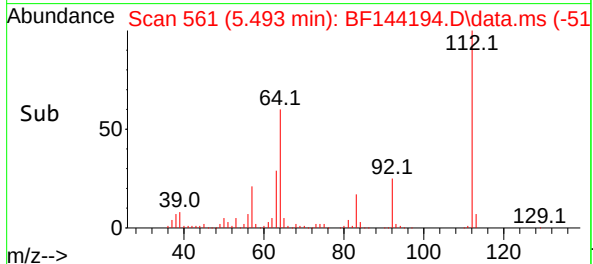
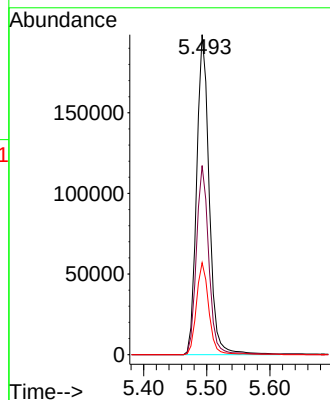
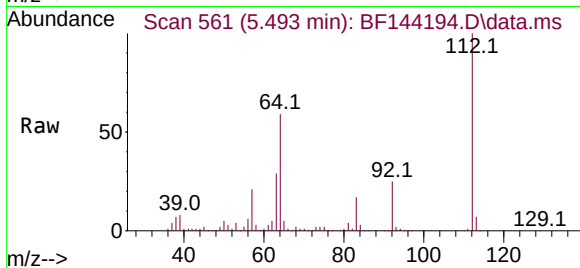




#5
2-Fluorophenol
Concen: 73.884 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

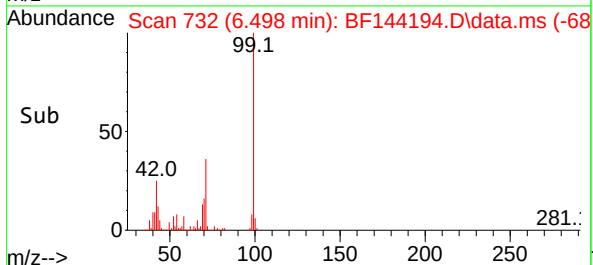
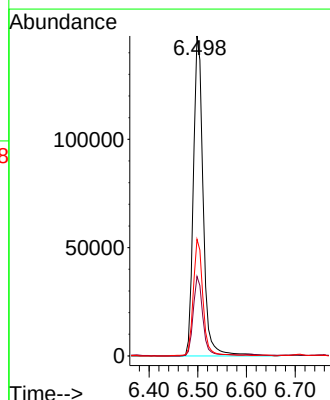
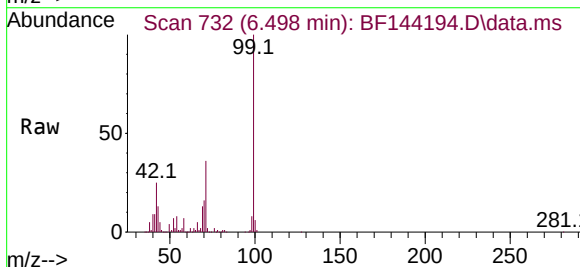
Instrument :
BNA_F
ClientSampleId :
MW-3

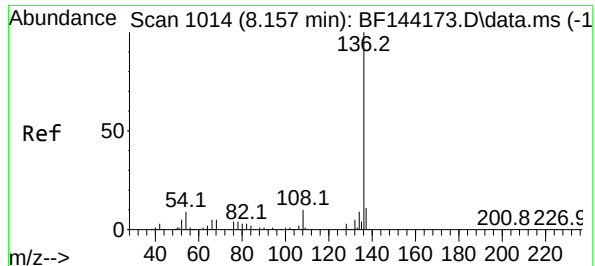
Tgt Ion:112 Resp: 274834
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 28.7 24.4 36.6



#7
Phenol-d6
Concen: 48.814 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion: 99 Resp: 205741
Ion Ratio Lower Upper
99 100
42 24.8 20.9 31.3
71 36.4 31.4 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

MW-3

Tgt Ion:136 Resp: 208798

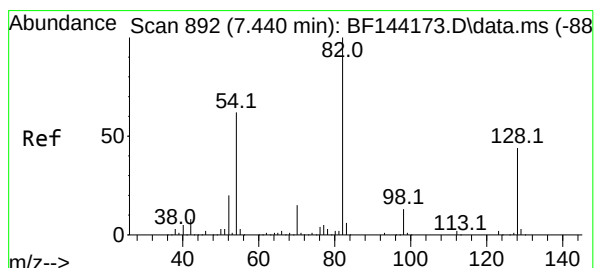
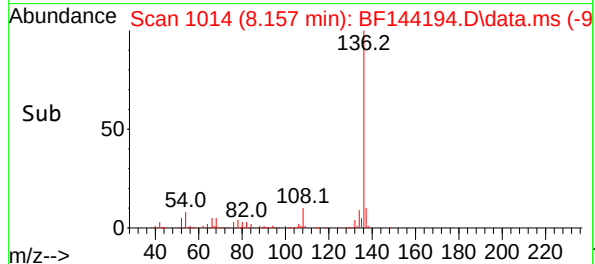
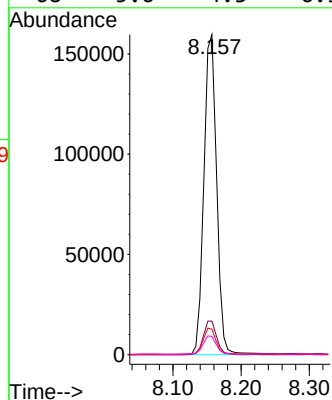
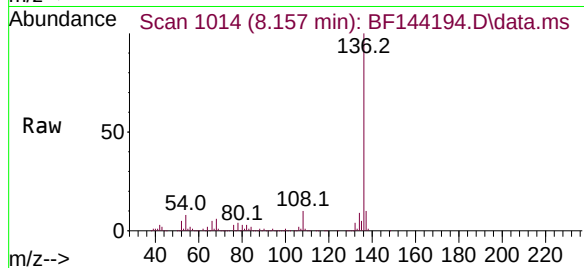
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 7.9 7.0 10.6

68 5.6 4.3 6.5



#23

Nitrobenzene-d5

Concen: 94.769 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

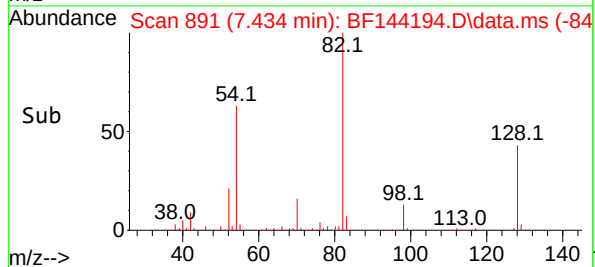
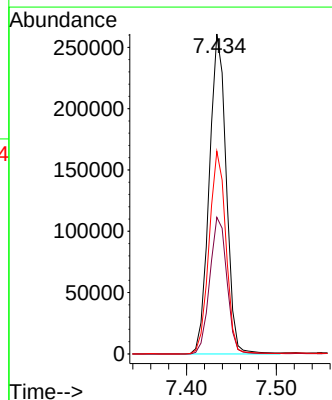
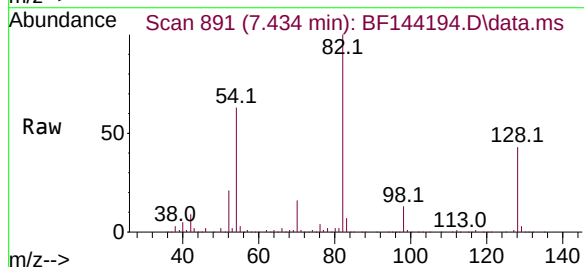
Tgt Ion: 82 Resp: 342614

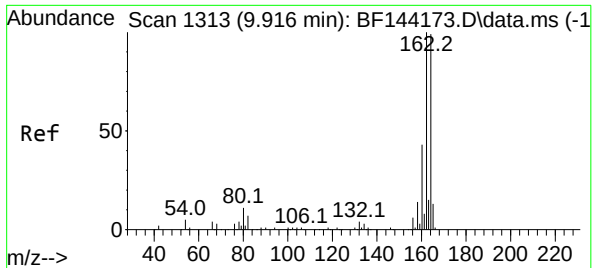
Ion Ratio Lower Upper

82 100

128 42.7 34.7 52.1

54 63.3 49.5 74.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

MW-3

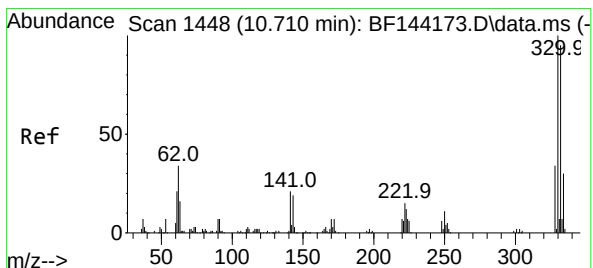
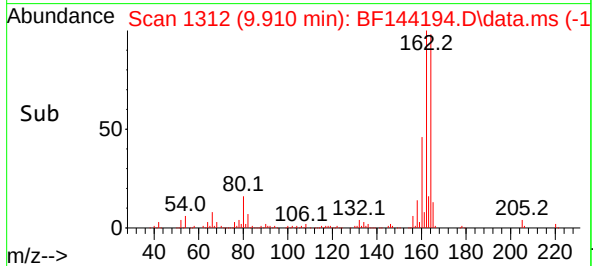
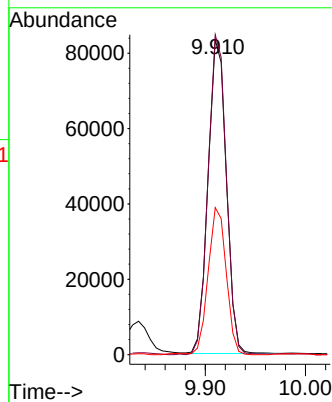
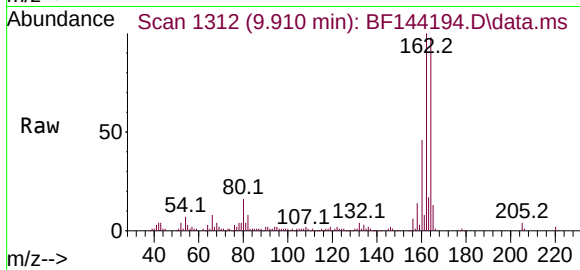
Tgt Ion:164 Resp: 105364

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

160 46.7 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 130.122 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

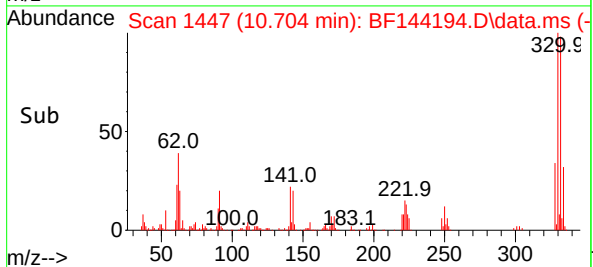
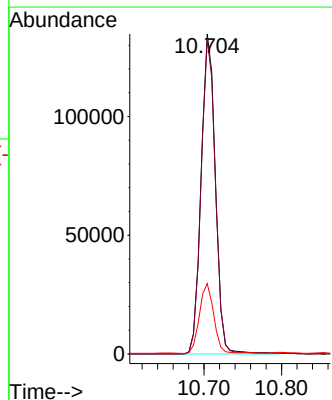
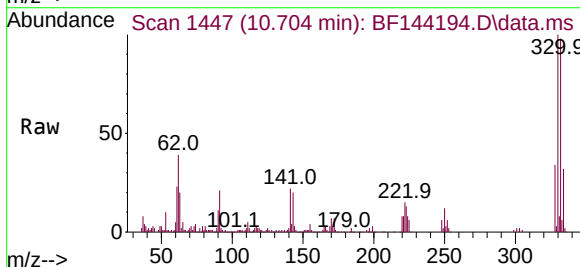
Tgt Ion:330 Resp: 172047

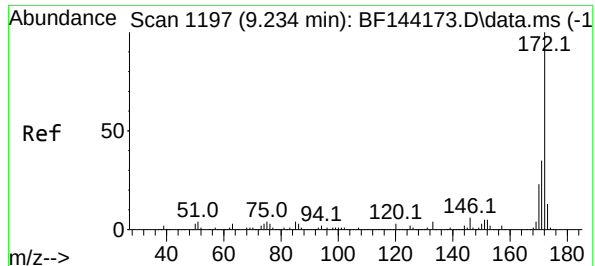
Ion Ratio Lower Upper

330 100

332 98.4 76.7 115.1

141 22.1 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 98.079 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

MW-3

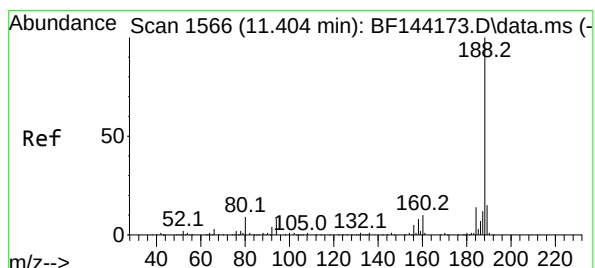
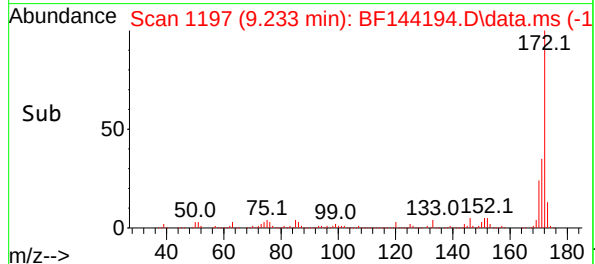
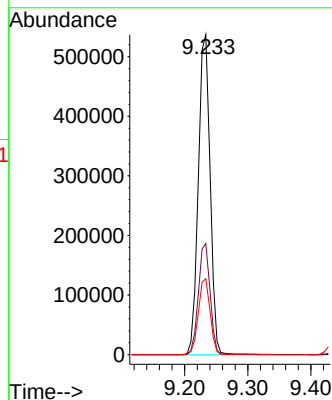
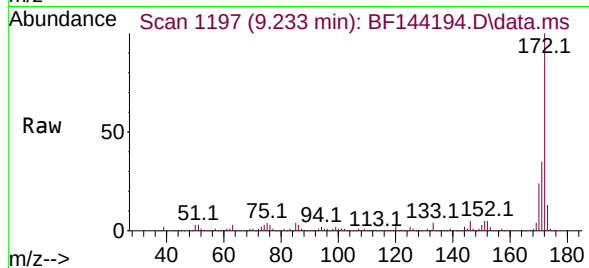
Tgt Ion:172 Resp: 699695

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.8 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

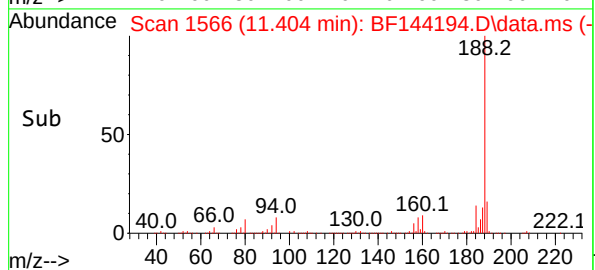
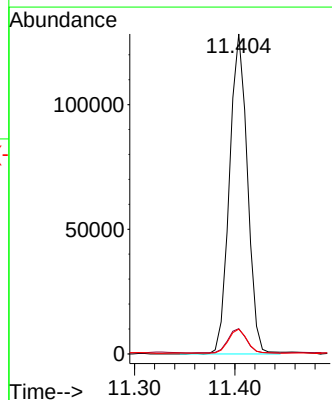
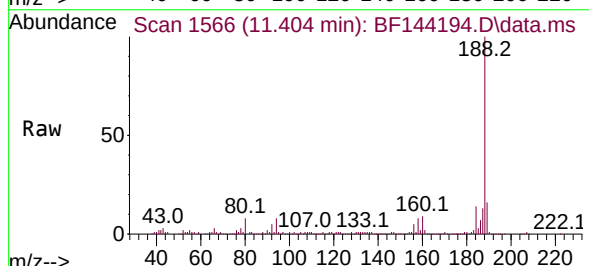
Tgt Ion:188 Resp: 159603

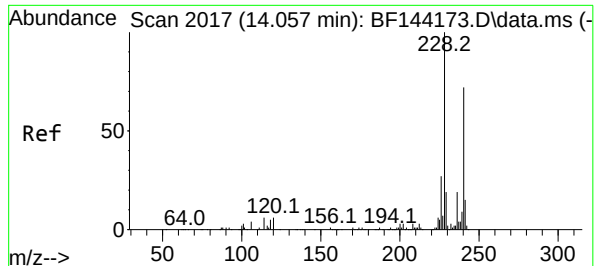
Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 7.7 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

MW-3

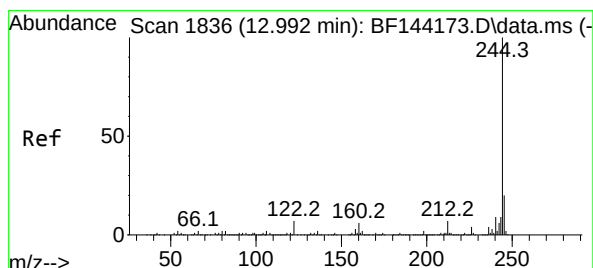
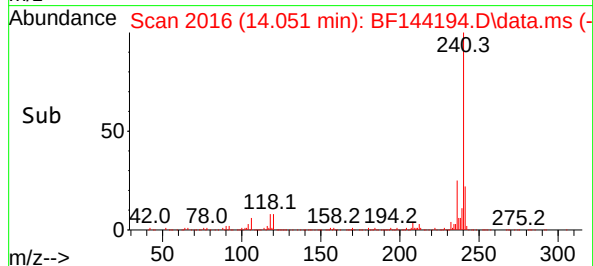
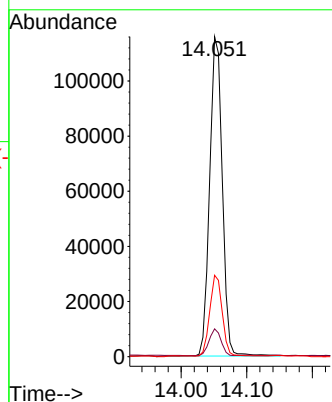
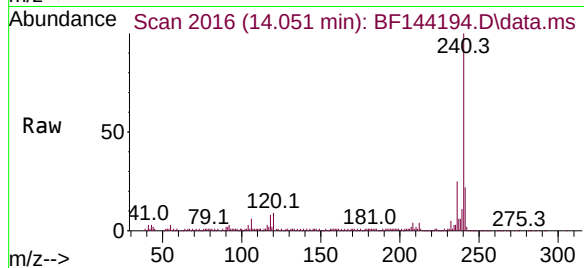
Tgt Ion:240 Resp: 155174

Ion Ratio Lower Upper

240 100

120 8.7 6.6 10.0

236 25.4 21.4 32.2



#79

Terphenyl-d14

Concen: 67.323 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144194.D

Acq: 06 Nov 2025 18:23

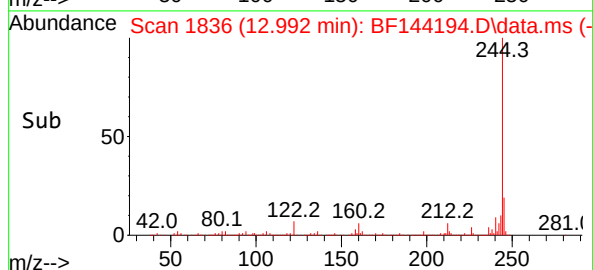
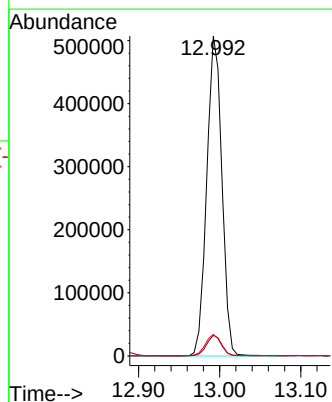
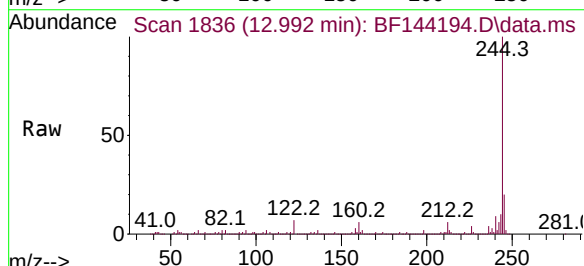
Tgt Ion:244 Resp: 657689

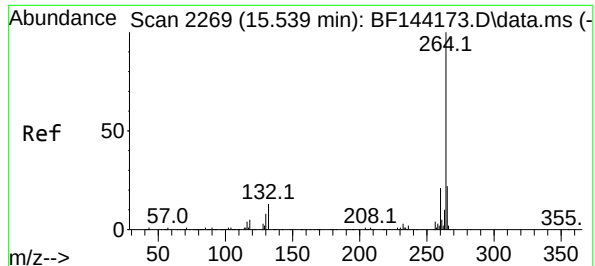
Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 6.7 5.6 8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF144194.D

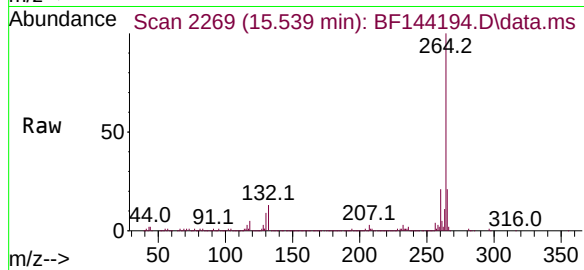
Acq: 06 Nov 2025 18:23

Instrument :

BNA_F

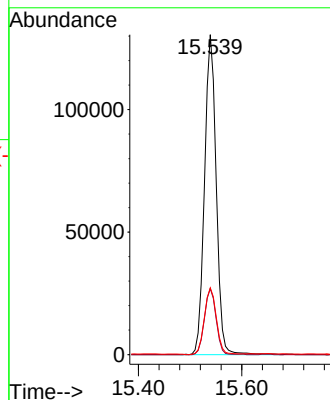
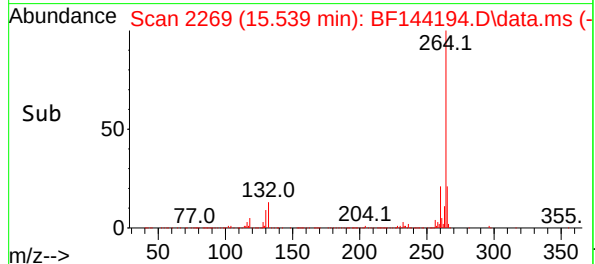
ClientSampleId :

MW-3



Tgt Ion:264 Resp: 204734

Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.1	25.7
265	20.9	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144194.D
 Acq On : 06 Nov 2025 18:23
 Operator : RC/JU
 Sample : Q3552-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	4	8	22	rBV3	13703	34911	1.84%	0.238%
2	2.628	68	74	88	rVB	42589	74891	3.94%	0.510%
3	4.522	391	396	403	rVB2	22843	35992	1.89%	0.245%
4	5.087	489	492	498	rVB	17738	24091	1.27%	0.164%
5	5.181	503	508	518	rVB	34396	51706	2.72%	0.352%
6	5.310	524	530	535	rBV	83143	121489	6.39%	0.827%
7	5.493	556	561	570	rBV	690584	928198	48.82%	6.317%
8	5.934	629	636	641	rBV2	30346	44082	2.32%	0.300%
9	6.045	650	655	659	rBV	77647	98282	5.17%	0.669%
10	6.498	727	732	748	rBV	448337	622552	32.74%	4.237%
11	6.875	791	796	801	rBV	271432	367867	19.35%	2.504%
12	6.928	801	805	813	rVB2	40691	56978	3.00%	0.388%
13	7.051	821	826	831	rVB4	13436	19461	1.02%	0.132%
14	7.369	875	880	883	rBV3	19352	31585	1.66%	0.215%
15	7.434	883	891	901	rVV	841445	1190757	62.63%	8.104%
16	7.522	901	906	909	rBV6	10722	19517	1.03%	0.133%
17	7.592	914	918	924	rBV4	21855	33107	1.74%	0.225%
18	7.681	928	933	939	rVB	83457	132650	6.98%	0.903%
19	7.828	951	958	963	rBV7	16741	42723	2.25%	0.291%
20	7.898	966	970	973	rVV3	18963	27023	1.42%	0.184%
21	7.957	973	980	983	rVV6	22565	46774	2.46%	0.318%
22	7.987	983	985	989	rVB3	15123	19098	1.00%	0.130%
23	8.157	1005	1014	1018	rBV	314393	446446	23.48%	3.038%
24	8.286	1031	1036	1041	rVB7	16505	27643	1.45%	0.188%
25	8.492	1065	1071	1080	rBV10	40774	126131	6.63%	0.858%
26	8.681	1099	1103	1106	rBV4	18188	25340	1.33%	0.172%
27	8.722	1106	1110	1113	rBV	19575	32701	1.72%	0.223%
28	9.010	1155	1159	1163	rBV6	13339	25004	1.32%	0.170%
29	9.233	1191	1197	1202	rBV	1455328	1901365	100.00%	12.940%
30	9.345	1212	1216	1221	rVB3	35989	57553	3.03%	0.392%
31	9.433	1227	1231	1236	rVB	83063	109734	5.77%	0.747%
32	9.716	1275	1279	1284	rBV	70619	89354	4.70%	0.608%
33	9.833	1293	1299	1303	rBV	232777	381273	20.05%	2.595%
34	9.869	1303	1305	1308	rVV2	51380	61838	3.25%	0.421%
35	9.910	1308	1312	1317	rVB	353490	444987	23.40%	3.028%
36	10.122	1344	1348	1352	rVB7	19446	31348	1.65%	0.213%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.292	1373	1377	1380	rBV	66439	83975	4.42%	0.572%
38	10.328	1381	1383	1388	rVB3	25623	34733	1.83%	0.236%
39	10.457	1403	1405	1413	rVB4	34104	47895	2.52%	0.326%
40	10.545	1417	1420	1423	rVB	17829	20661	1.09%	0.141%
41	10.628	1429	1434	1440	rVB	68912	101003	5.31%	0.687%
42	10.704	1442	1447	1456	rBV2	935202	1235447	64.98%	8.408%
43	10.822	1462	1467	1475	rVB	210580	308662	16.23%	2.101%
44	10.998	1492	1497	1502	rBV	72938	118536	6.23%	0.807%
45	11.292	1544	1547	1551	rBV	23705	28586	1.50%	0.195%
46	11.404	1561	1566	1573	rBV	299612	390619	20.54%	2.658%
47	11.563	1589	1593	1598	rVB2	42205	52096	2.74%	0.355%
48	11.686	1611	1614	1619	rBV	25460	42032	2.21%	0.286%
49	11.927	1651	1655	1660	rBV	90437	138160	7.27%	0.940%
50	12.057	1673	1677	1682	rBV	78086	113622	5.98%	0.773%
51	12.886	1812	1818	1828	rBV	1107474	1629402	85.70%	11.089%
52	12.992	1831	1836	1842	rVV	1216667	1567966	82.47%	10.671%
53	13.610	1939	1941	1947	rVB2	34536	45034	2.37%	0.306%
54	14.051	2012	2016	2023	rVB	289580	386034	20.30%	2.627%
55	14.904	2157	2161	2170	rVB2	33050	56588	2.98%	0.385%
56	15.539	2263	2269	2279	rVB	316080	508101	26.72%	3.458%

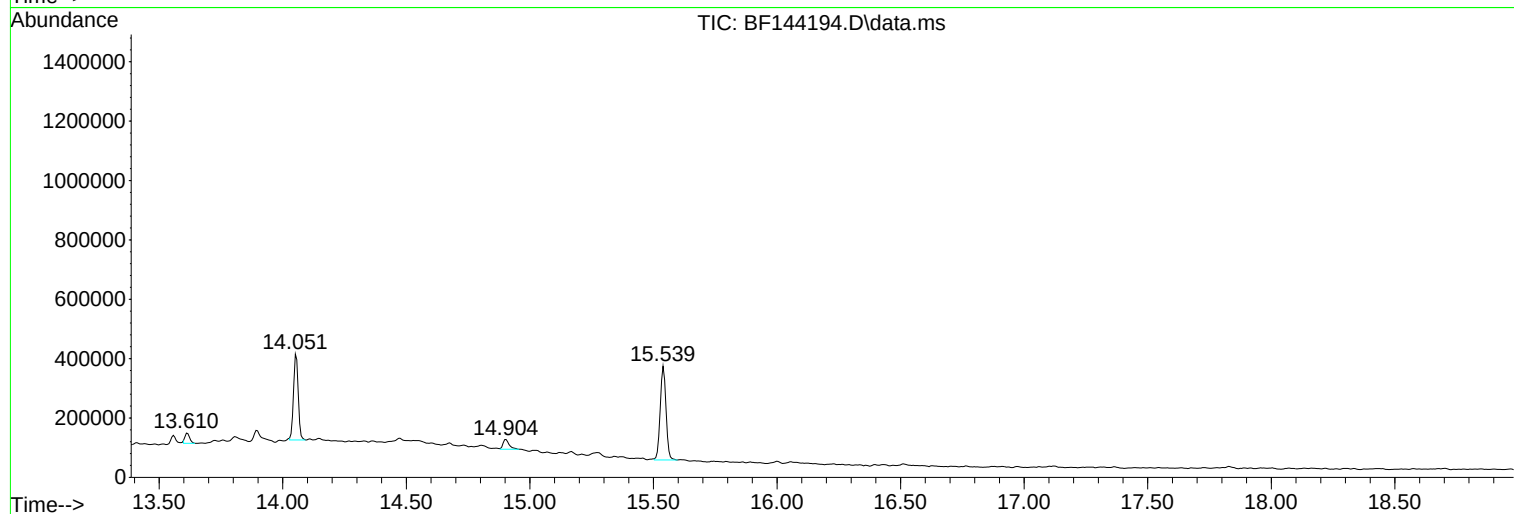
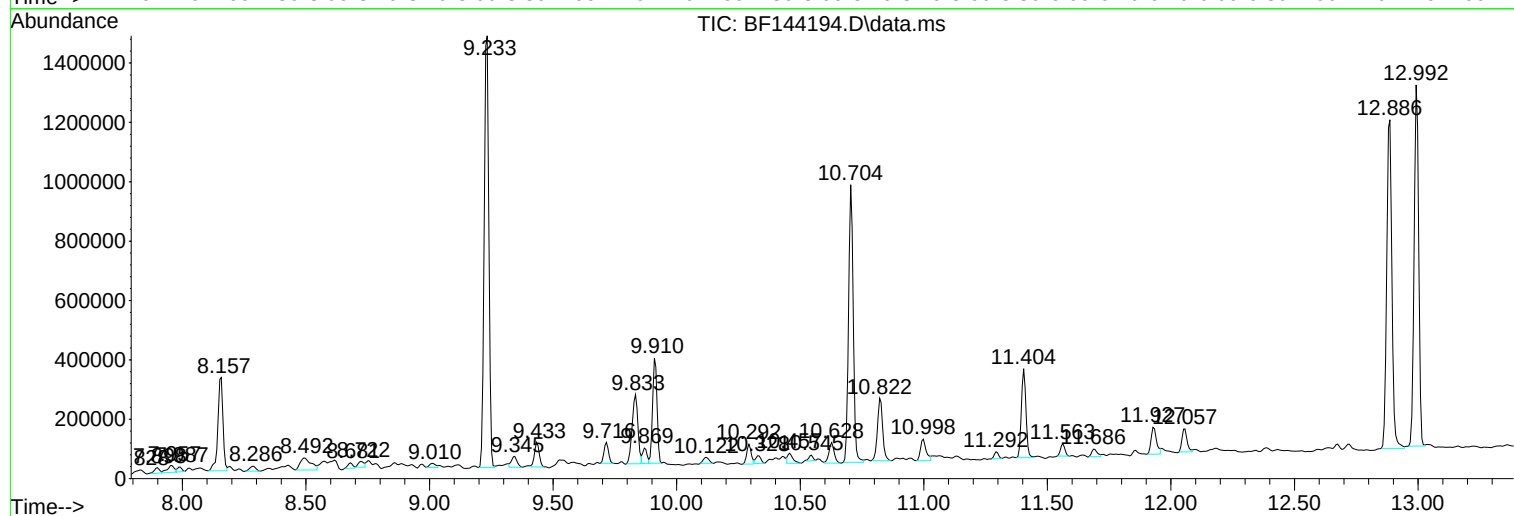
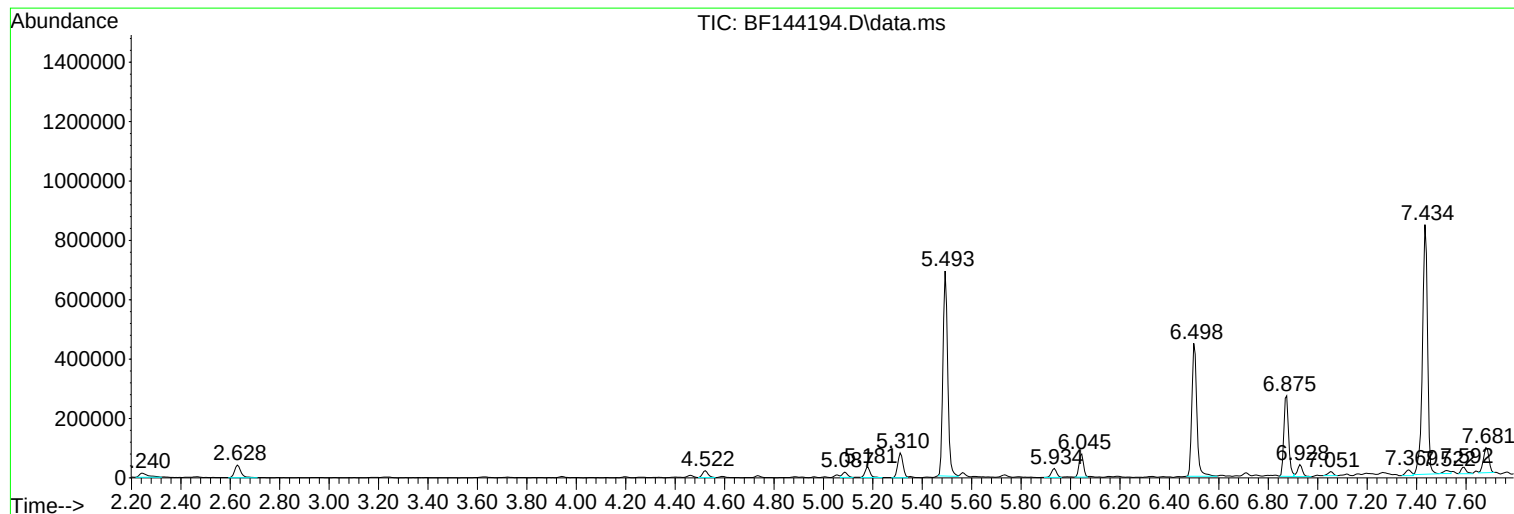
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Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

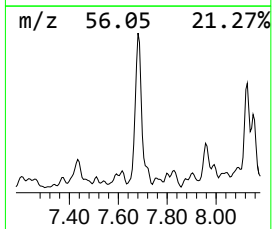
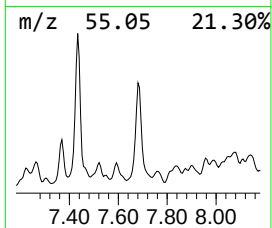
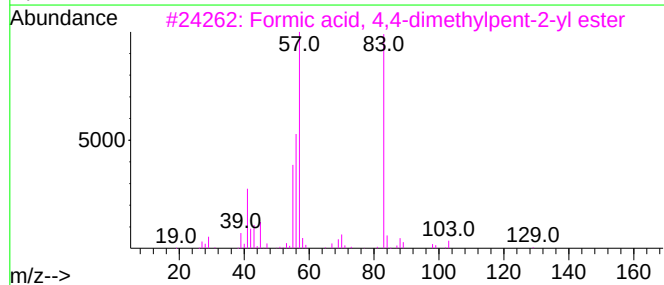
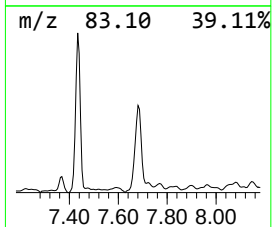
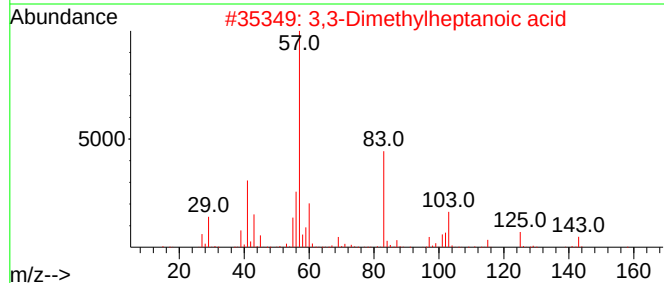
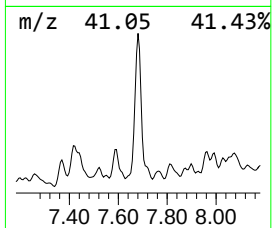
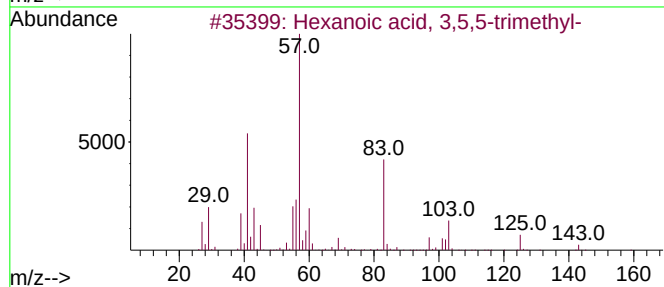
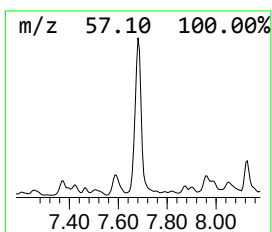
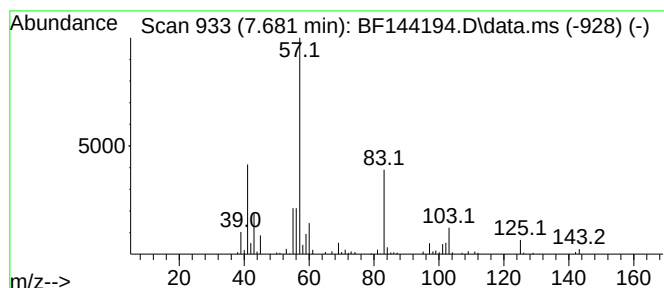
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexanoic acid, 3,5,5-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	5.94 ng	132650	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2			3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
3			Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	43
4			Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	42
5			4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

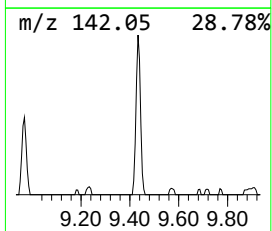
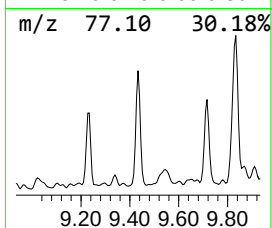
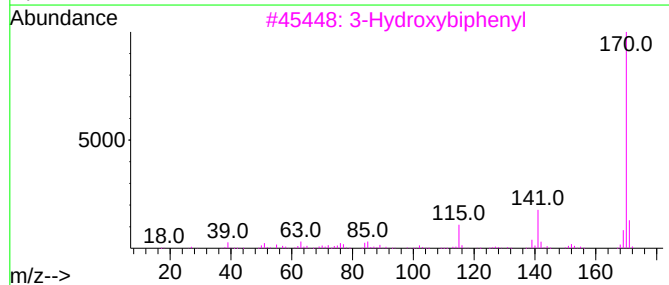
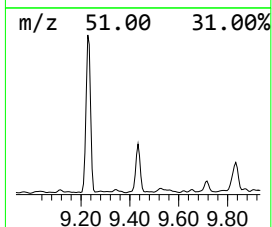
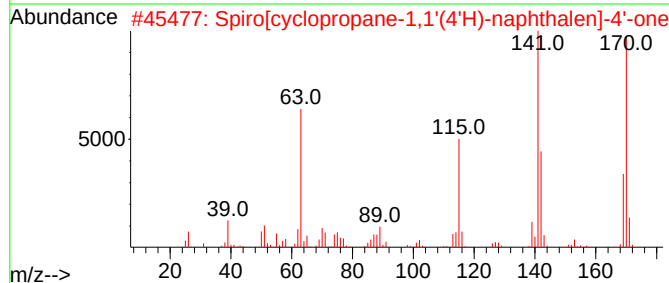
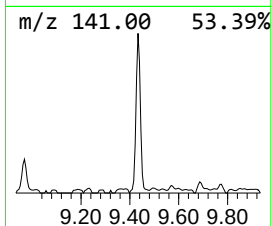
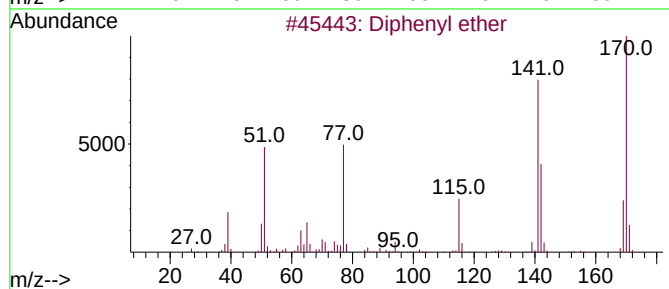
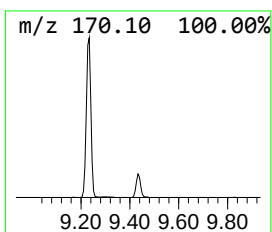
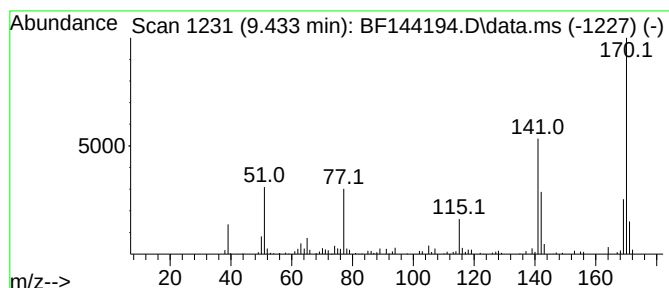
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Diphenyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	4.93 ng	109734	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diphenyl ether	170	C12H10O	000101-84-8	96
2		Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	81
3		3-Hydroxybiphenyl	170	C12H10O	000580-51-8	52
4		2-Carbonitrile-8-hydroxyquinolin...	212	C12H8N2O2	313965-55-8	43
5		2-(2-Cyanophenyl)oxazole	170	C10H6N2O	1000281-31-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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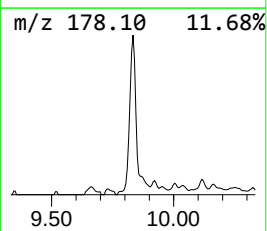
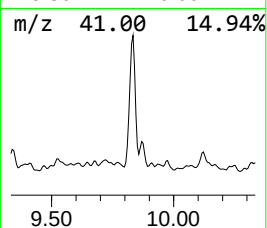
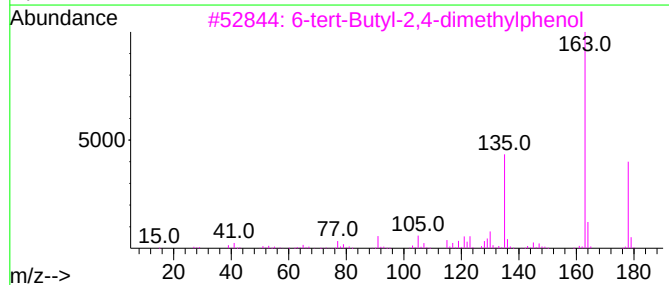
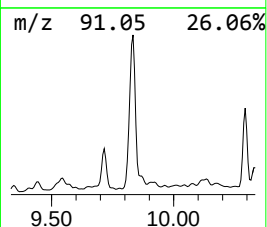
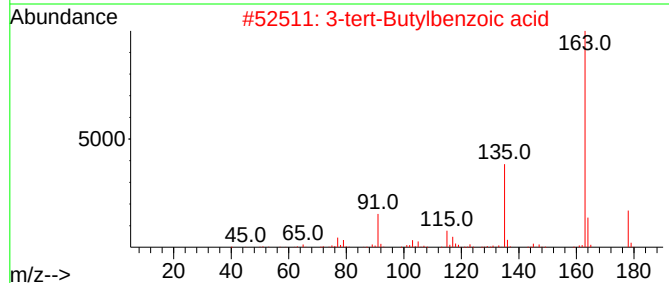
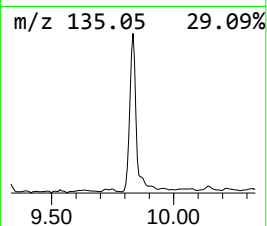
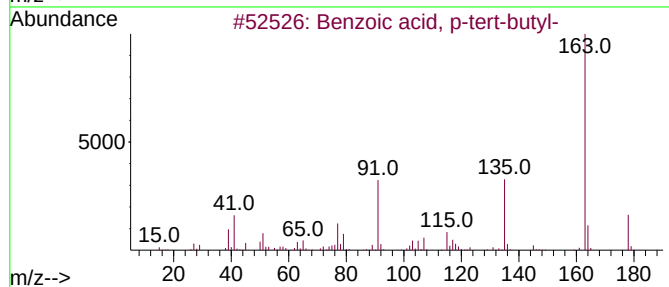
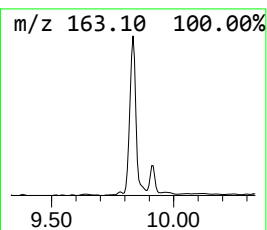
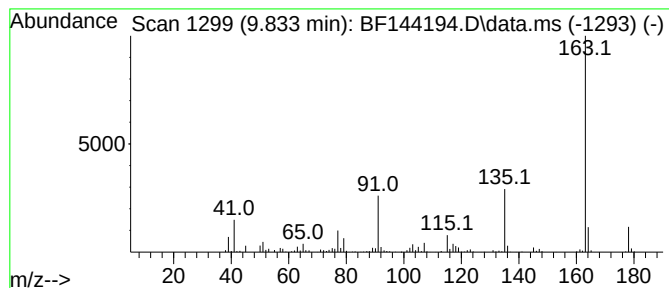
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzoic acid, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	17.14 ng	381273	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4			5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	59
5			2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
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Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

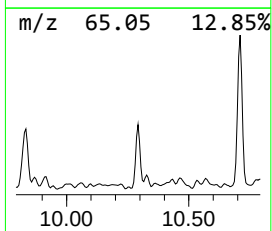
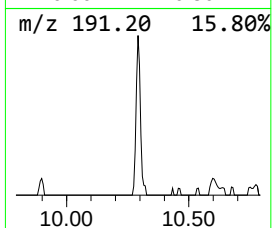
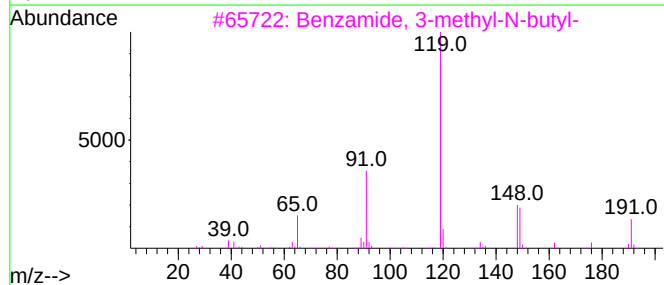
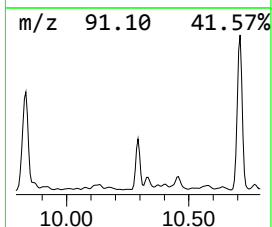
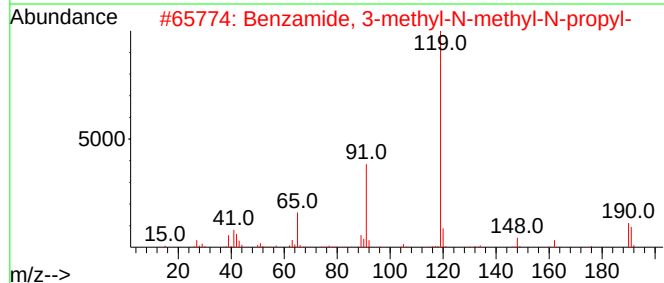
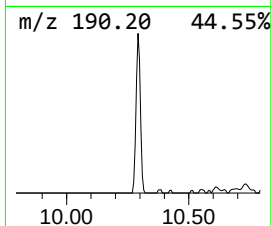
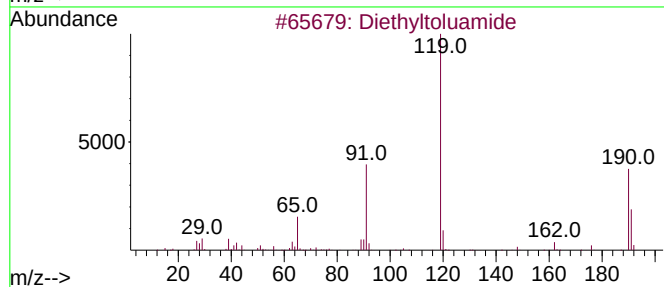
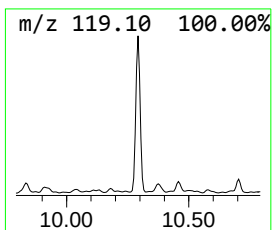
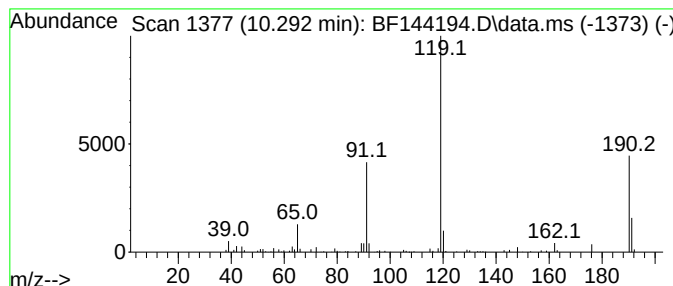
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Diethyltoluamide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	3.77 ng	83975	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	94
2			Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	72
3			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	68
4			Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	58
5			Benzamide, 3-methyl-N-isobutyl-	191	C12H17NO	1000407-41-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
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Sample : Q3552-05
Misc :
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ClientSampleId :
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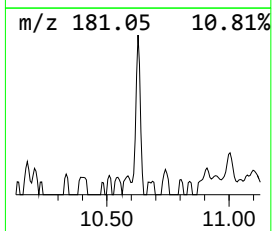
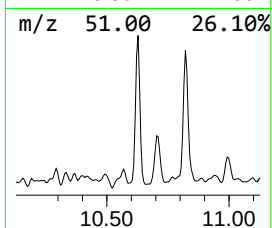
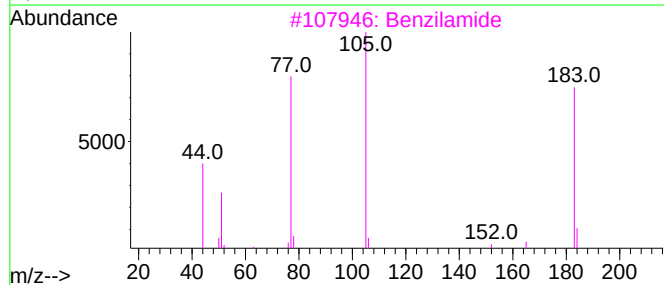
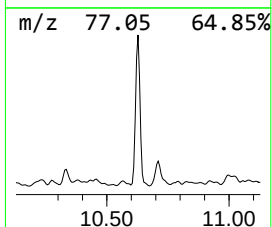
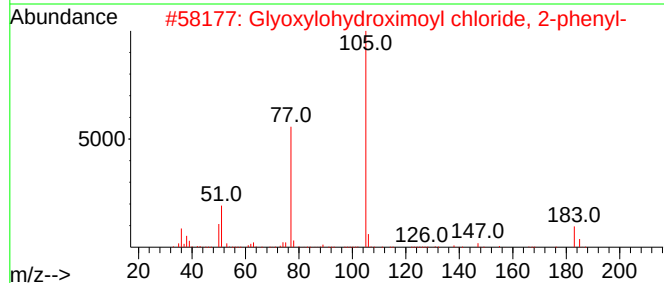
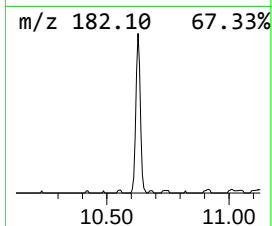
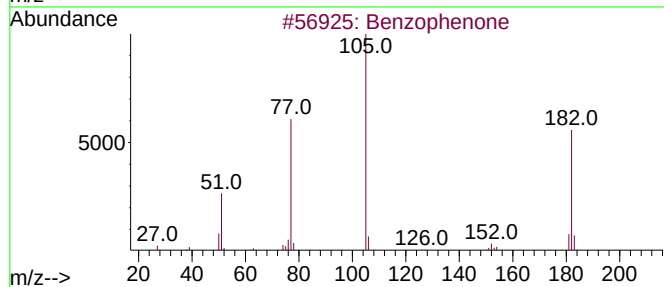
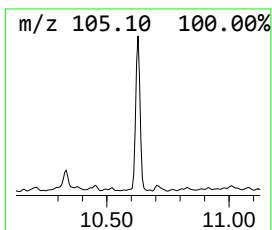
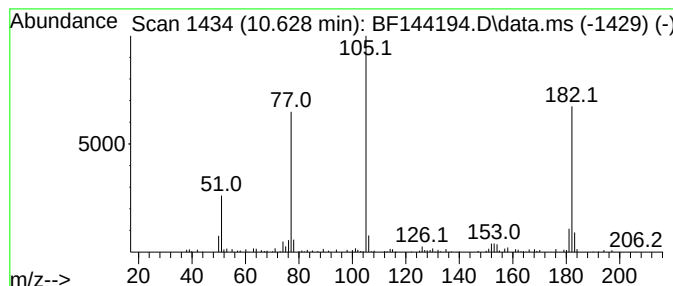
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.54 ng	101003	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	46
3			Benzilamide	227	C14H13NO2	004746-87-6	43
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
5			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

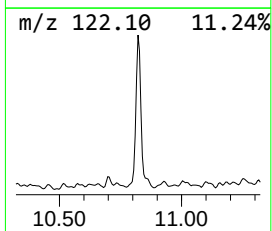
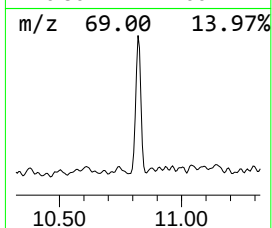
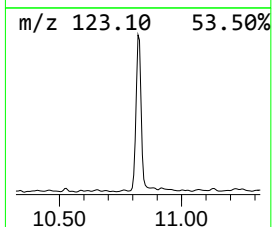
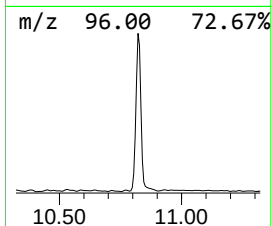
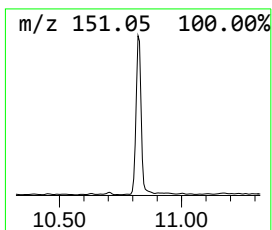
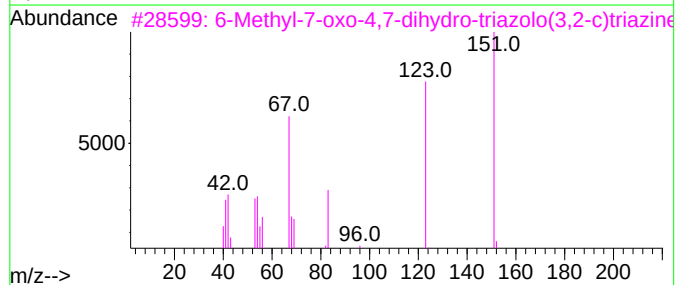
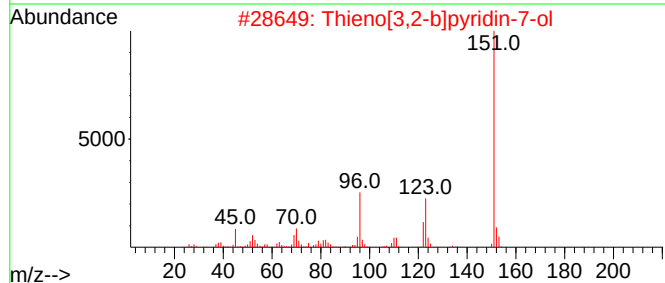
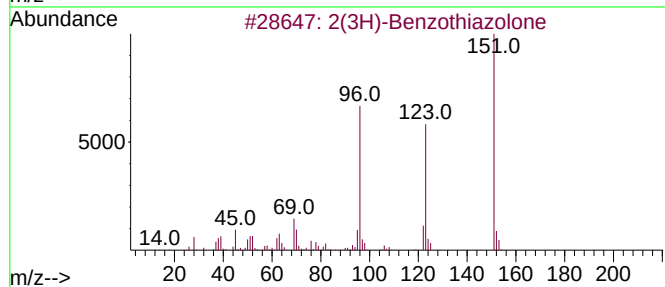
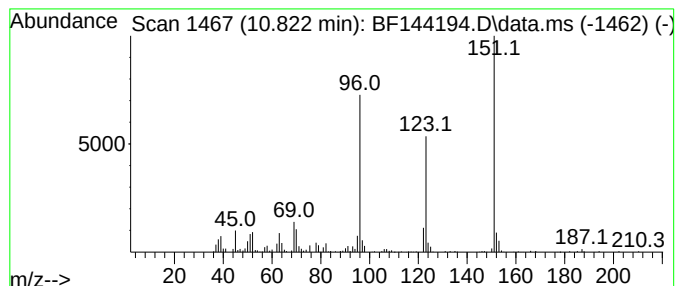
Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	15.80 ng	308662	Phenanthrene-d10	11.404
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		2(3H)-Benzothiazolone	151 C7H5NOS	000934-34-9 95
2		Thieno[3,2-b]pyridin-7-ol	151 C7H5NOS	107818-20-2 68
3		6-Methyl-7-oxo-4,7-dihydro-triaz...	151 C5H5N5O	057250-39-2 47
4		1,2-Benzisothiazol-3(2H)-one	151 C7H5NOS	002634-33-5 46
5		carbamothioic acid, N-methyl-, S...	208 C9H8N2O2S	1000400-57-0 38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

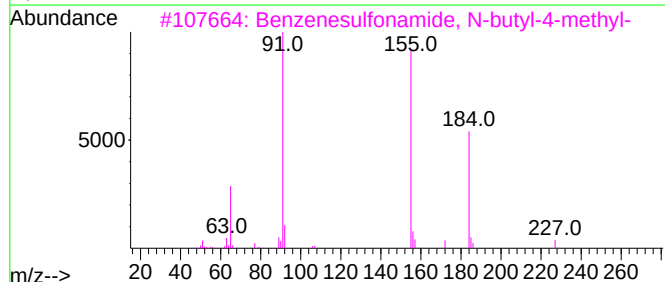
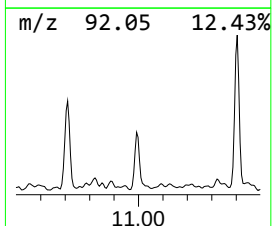
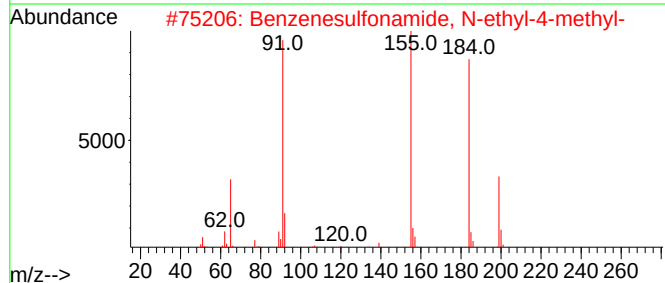
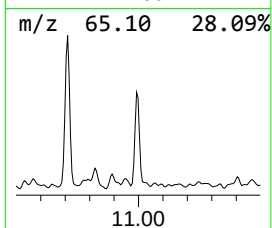
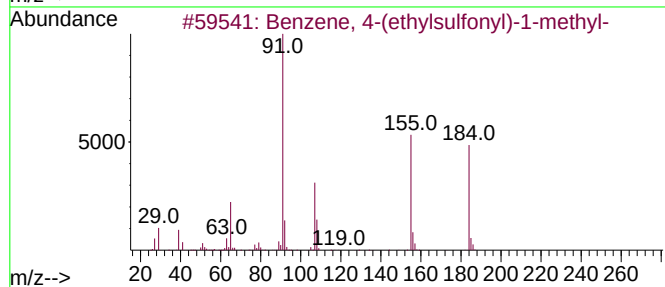
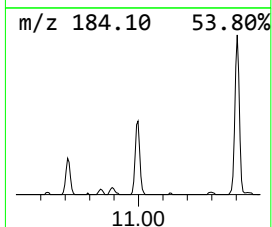
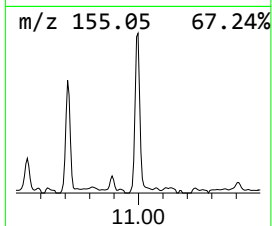
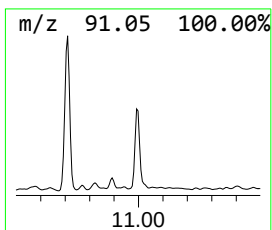
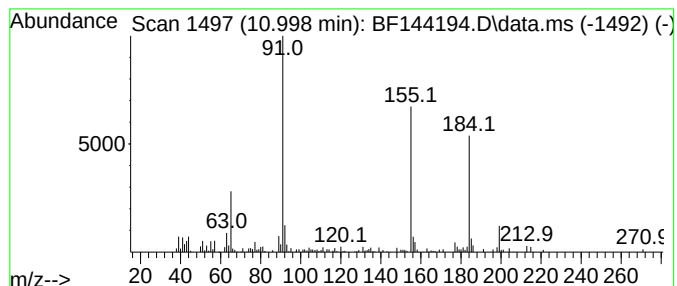
Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 4-(ethylsulfonyl)-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.998	6.07 ng	118536	Phenanthrene-d10	11.404		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	94
2		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	90
3		Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	87
4		N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	86
5		Acetic acid, 2-(4-methylphenylsu...	243	C10H13NO4S	002645-02-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

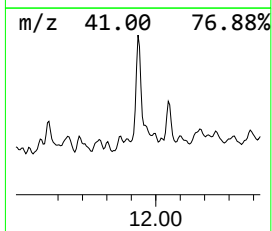
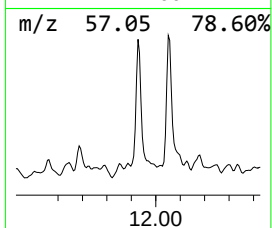
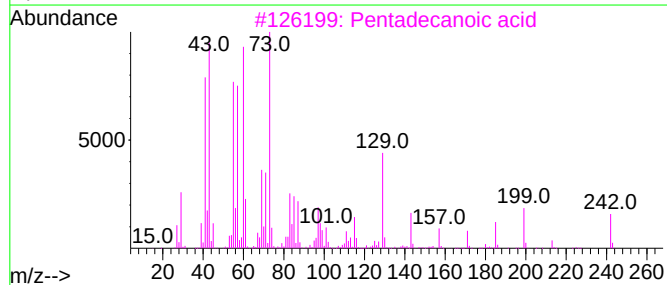
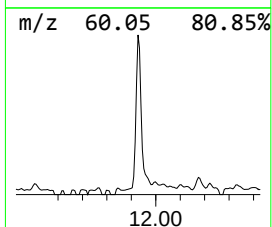
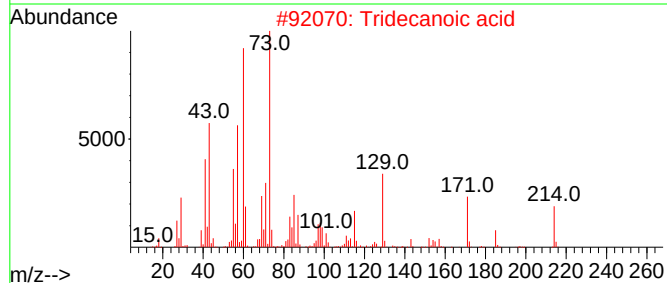
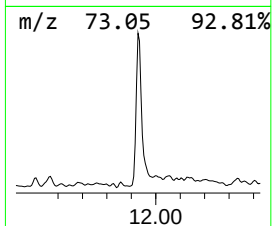
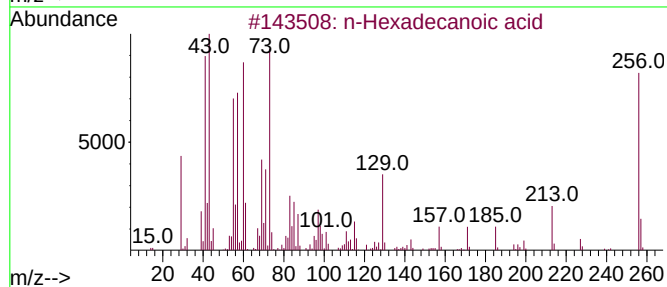
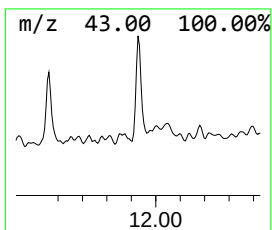
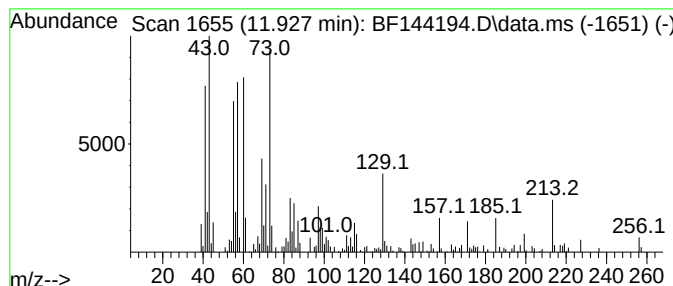
Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.927	7.07 ng	138160	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

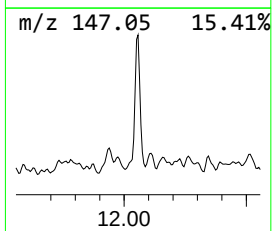
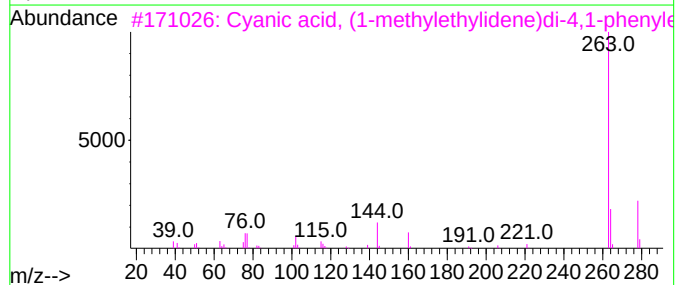
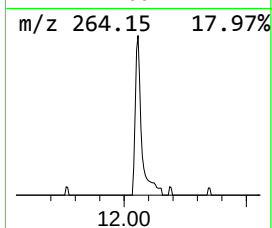
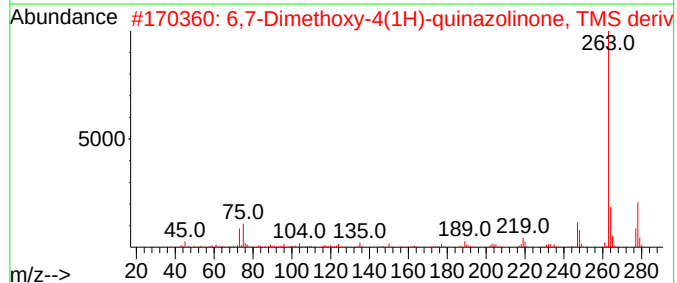
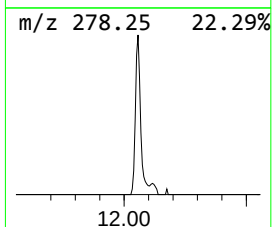
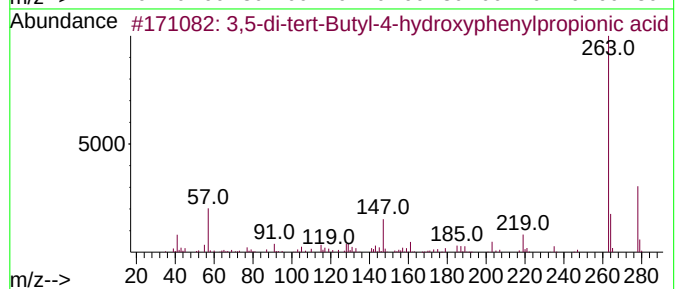
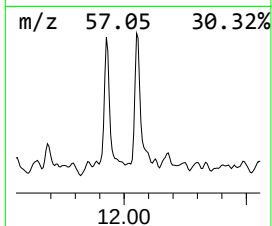
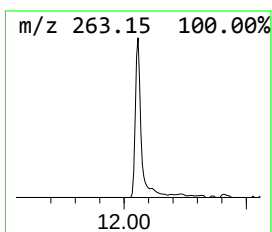
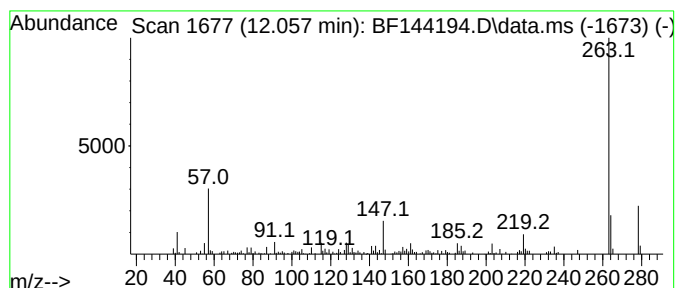
Instrument :
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ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.057	5.82 ng	113622	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	81
3	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	64
5	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

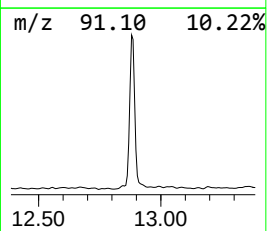
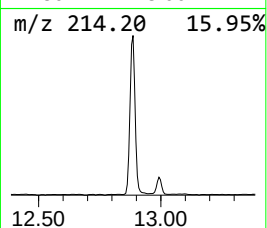
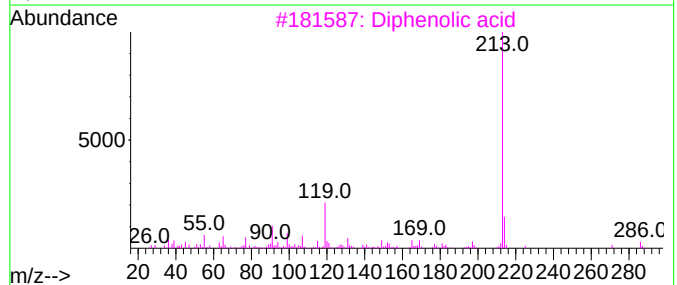
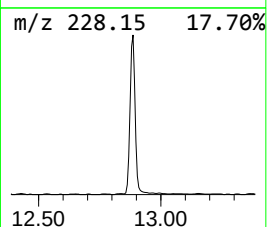
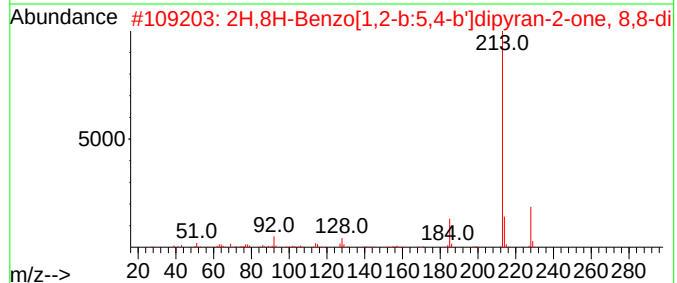
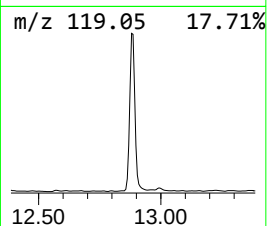
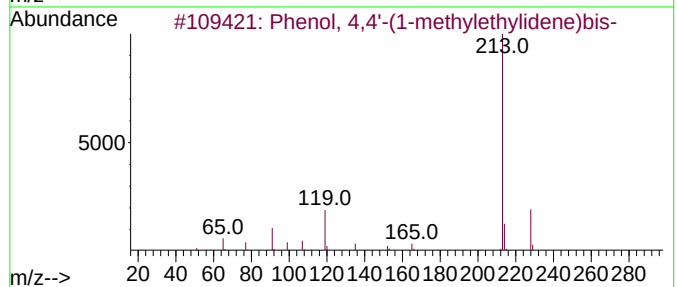
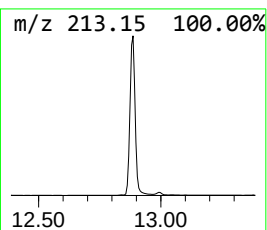
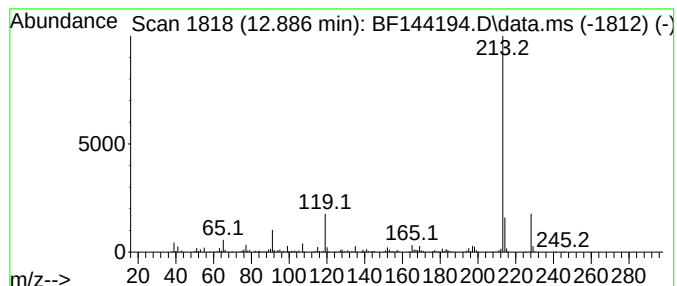
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	84.42 ng	1629400	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2			2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
3			Diphenolic acid	286	C17H18O4	000126-00-1	56
4			3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	53
5			1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid, ...	7.681	5.9	ng	132650	2	8.157	446446	20.0
Diphenyl ether	9.433	4.9	ng	109734	3	9.910	444987	20.0
Benzoic acid, p...	9.833	17.1	ng	381273	3	9.910	444987	20.0
Diethyltoluamide	10.292	3.8	ng	83975	3	9.910	444987	20.0
Benzophenone	10.628	4.5	ng	101003	3	9.910	444987	20.0
2(3H)-Benzothia...	10.822	15.8	ng	308662	4	11.404	390619	20.0
Benzene, 4-(eth...	10.998	6.1	ng	118536	4	11.404	390619	20.0
n-Hexadecanoic ...	11.927	7.1	ng	138160	4	11.404	390619	20.0
3,5-di-tert-But...	12.057	5.8	ng	113622	4	11.404	390619	20.0
Phenol, 4,4'-(1...	12.886	84.4	ng	1629400	5	14.051	386034	20.0



CALIBRATION SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3552Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Benzaldehyde			1.033	0.917	0.816	0.672	0.818	17.0
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Phenol		1.845	1.896	1.840	1.858	1.562	1.769	7.6
bis(2-Chloroethyl) ether		1.278	1.333	1.342	1.316	1.155	1.289	5.2
2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.253	4.6
2-Methylphenol		1.031	1.054	1.007	1.033	0.895	0.997	5.4
2,2-oxybis(1-Chloropropane)		2.408	2.470	2.496	2.418	2.147	2.374	5.5
Acetophenone		0.479	0.464	0.434	0.434	0.380	0.429	8.3
3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	9.2
n-Nitroso-di-n-propylamine	0.998	1.010	1.023	0.996	0.950	0.813	0.953	7.4
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.515	4.9
Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.376	4.9
Isophorone		0.659	0.668	0.669	0.673	0.581	0.655	5.1
2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.186	6.5
2,4-Dimethylphenol		0.281	0.278	0.265	0.298	0.260	0.279	5.1
bis(2-Chloroethoxy) methane		0.426	0.417	0.412	0.423	0.372	0.409	5.0
2,4-Dichlorophenol		0.334	0.342	0.330	0.331	0.289	0.322	6.2
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.347	6.1
Hexachlorobutadiene		0.256	0.250	0.252	0.259	0.232	0.249	4.0
Caprolactam			0.094	0.093	0.092	0.075	0.088	8.1
4-Chloro-3-methylphenol		0.283	0.307	0.304	0.297	0.259	0.288	5.8
2-Methylnaphthalene		0.702	0.672	0.665	0.647	0.559	0.636	8.0
Hexachlorocyclopentadiene			0.121	0.142	0.200	0.204	0.195	27.8
2,4,6-Trichlorophenol		0.440	0.449	0.449	0.456	0.409	0.446	5.5
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
2,4,5-Trichlorophenol		0.497	0.489	0.497	0.489	0.438	0.481	5.1
1,1-Biphenyl		1.535	1.446	1.425	1.408	1.239	1.396	7.5
2-Chloronaphthalene		1.303	1.216	1.206	1.204	1.068	1.191	7.1
2-Nitroaniline		0.302	0.347	0.349	0.361	0.326	0.344	6.8
Dimethylphthalate		1.437	1.343	1.359	1.345	1.168	1.325	6.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3552Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.251	0.271	0.271	0.276	0.252	0.268	5.2
3-Nitroaniline		0.271	0.301	0.302	0.315	0.264	0.293	7.1
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
2,4-Dinitrophenol			0.202	0.166	0.140	0.133	0.162	15.0
4-Nitrophenol			0.273	0.202	0.204	0.185	0.212	14.6
Dibenzofuran		1.644	1.600	1.586	1.551	1.337	1.520	8.0
2,4-Dinitrotoluene		0.322	0.377	0.372	0.385	0.328	0.359	7.1
Diethylphthalate		1.294	1.273	1.254	1.254	1.075	1.221	6.3
4-Chlorophenyl-phenylether		0.711	0.701	0.678	0.685	0.570	0.658	7.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
4-Nitroaniline		0.273	0.290	0.293	0.288	0.254	0.279	5.1
4,6-Dinitro-2-methylphenol			0.147	0.138	0.130	0.120	0.136	7.0
n-Nitrosodiphenylamine		0.695	0.676	0.635	0.646	0.577	0.643	6.1
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
4-Bromophenyl-phenylether		0.264	0.260	0.255	0.263	0.228	0.255	5.2
Hexachlorobenzene		0.306	0.306	0.305	0.300	0.273	0.301	4.7
Atrazine		0.215	0.211	0.215	0.206	0.180	0.205	6.3
Pentachlorophenol			0.135	0.144	0.156	0.137	0.150	8.8
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Carbazole		0.938	0.917	0.882	0.878	0.762	0.861	7.4
Di-n-butylphthalate		1.075	1.101	1.077	1.070	0.917	1.041	6.3
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Butylbenzylphthalate		0.565	0.590	0.550	0.590	0.499	0.559	5.6
3,3-Dichlorobenzidine			0.453	0.461	0.482	0.441	0.475	6.8
Benzo (a) anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Bis (2-ethylhexyl) phthalate		0.773	0.739	0.755	0.816	0.705	0.765	4.9
Di-n-octyl phthalate			1.163	1.272	1.410	1.269	1.320	7.9
Benzo (b) fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo (k) fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo (a) pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno (1,2,3-cd) pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3552Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D		RRF005 = BF144170.D		RRF010 = BF144171.D		
		RRF020 = BF144172.D		RRF040 = BF144173.D		RRF050 = BF144174.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo(g,h,i)perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7
1,2,4,5-Tetrachlorobenzene		0.677	0.662	0.659	0.675	0.588	0.655	6.6
1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.528	5.7
2,3,4,6-Tetrachlorophenol		0.308	0.347	0.336	0.358	0.316	0.340	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)	Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)	n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)	Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)	2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)	Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)	bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)	1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)	1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)	Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)	2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)	2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)	Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)	3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)	Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)	Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)	2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)	bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)	1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)	Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)	Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)	4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)	Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)	2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)	1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.204	0.253	0.248	0.195		27.78
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162		14.99
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212		14.64
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136		6.99
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150		8.76
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzydine	0.707	0.519	0.624	0.512	0.635	0.553	0.592		12.98
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)	Butzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475		6.77
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320		7.91

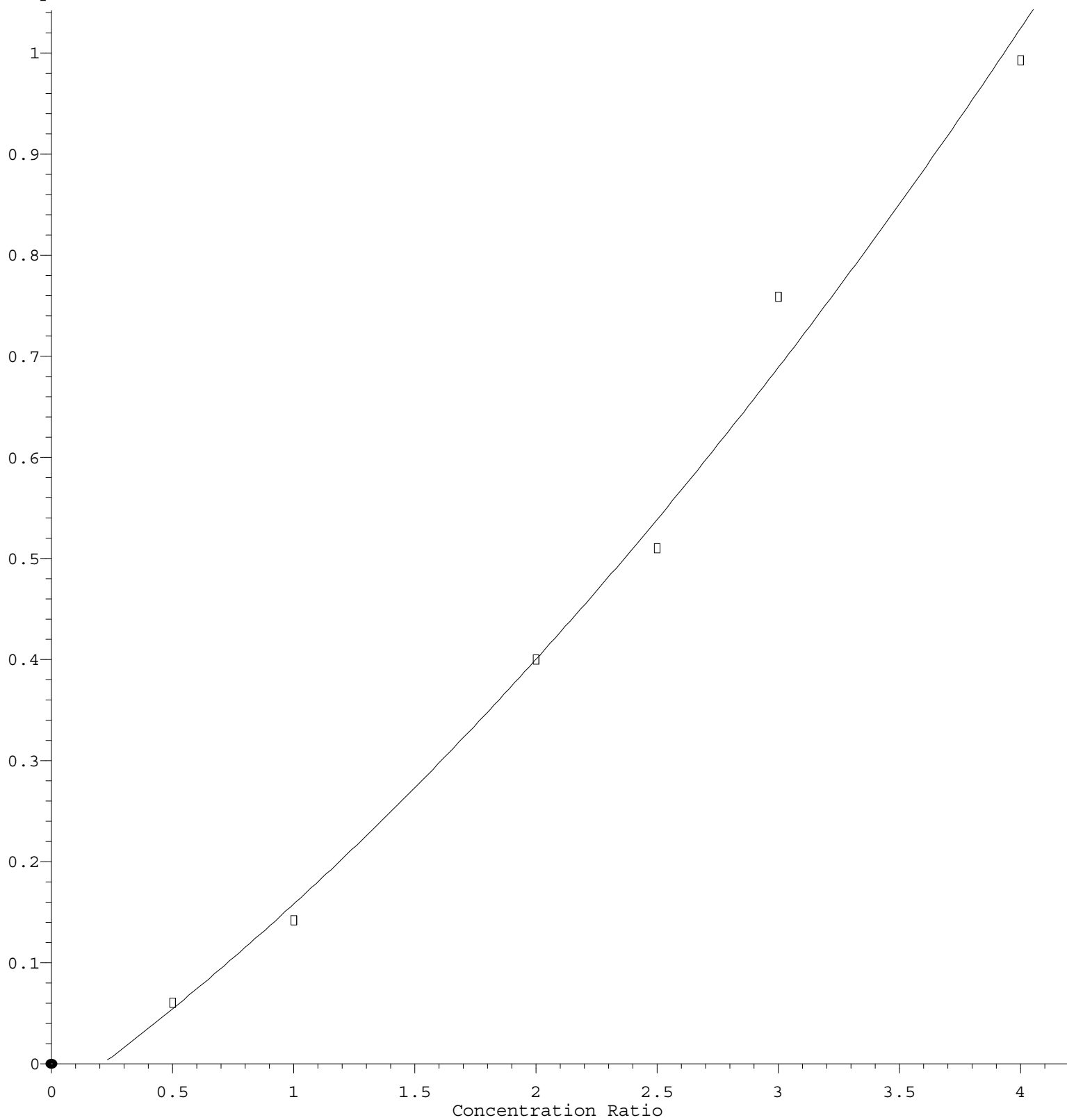
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)	Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)	Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90) C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)	Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)	Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

Hexachlorocyclopentadiene

Response Ratio



$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144169.D
 Acq On : 05 Nov 2025 12:50
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

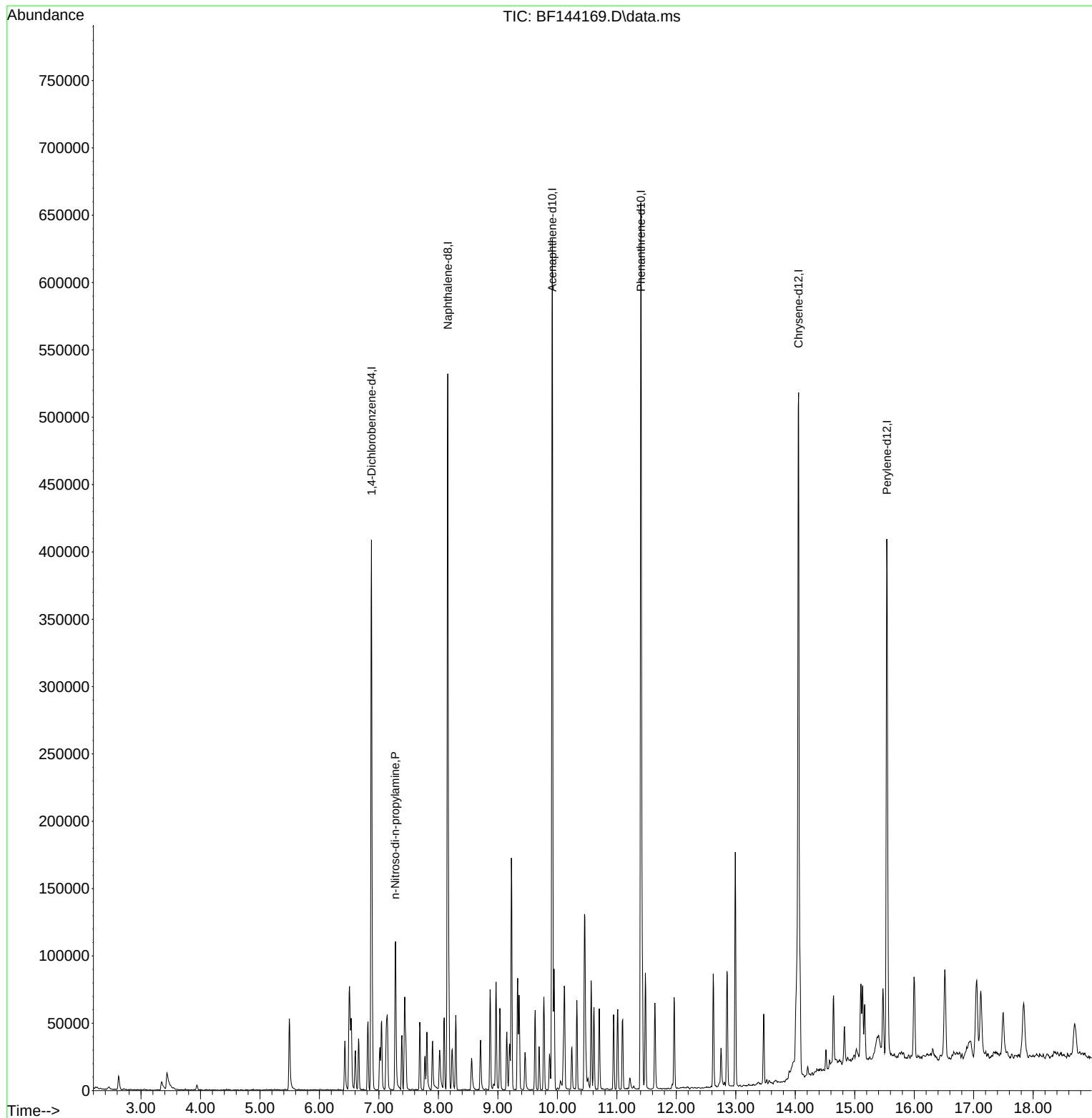
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12	15.539	264	241479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	10629	2.616	ng	Qvalue # 98

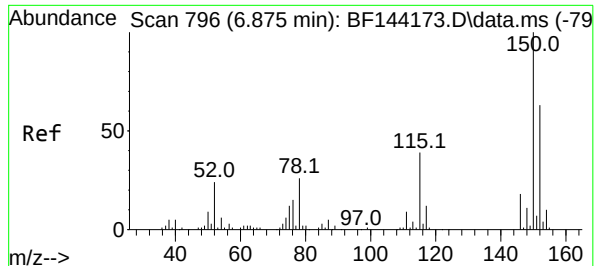
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

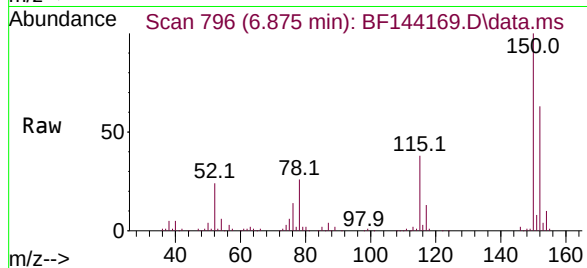
Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



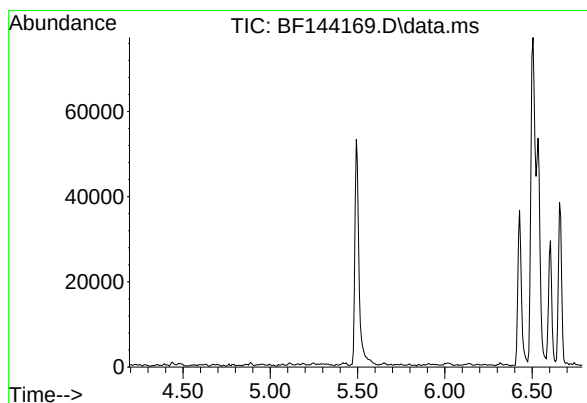
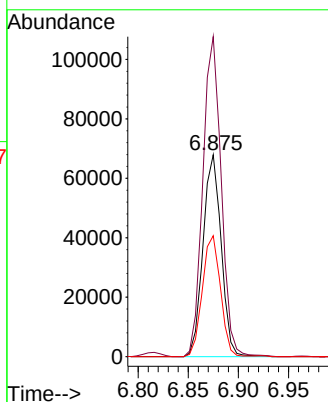
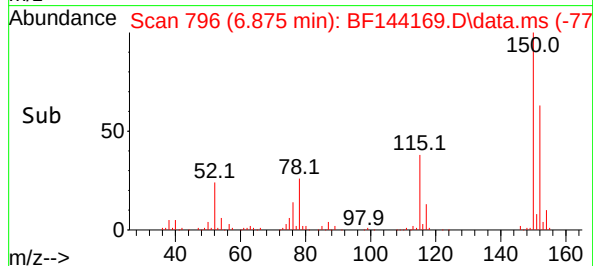


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



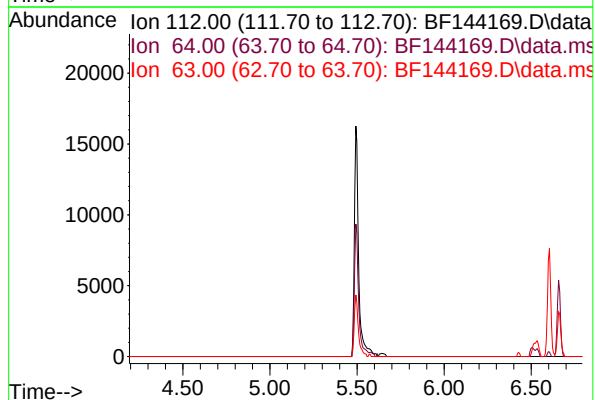
Tgt Ion:152 Resp: 85230
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 59.9 49.5 74.3

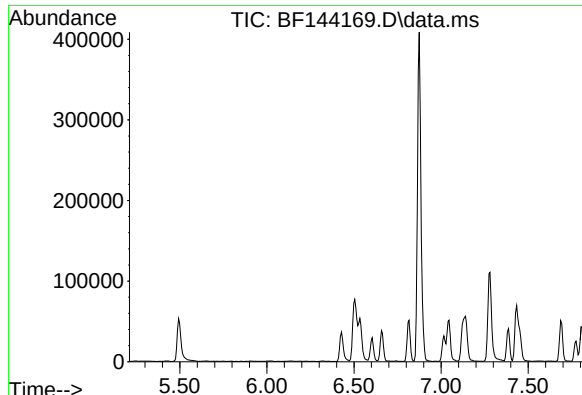


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.0
63 30.5





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.51 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

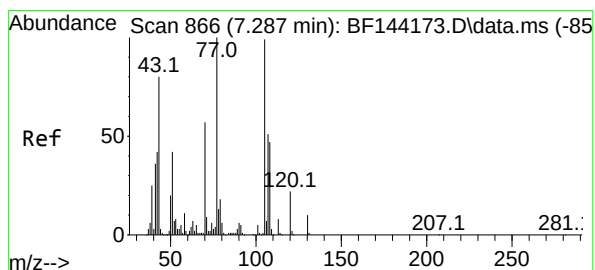
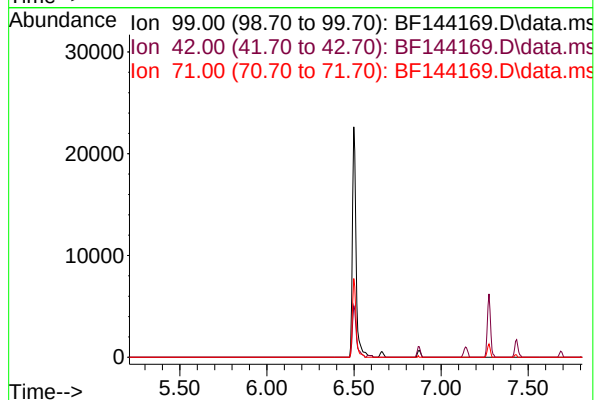
Tgt Ion: 99

Sig Exp Ratio

99 100

42 26.1

71 39.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.616 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

Tgt Ion: 70 Resp: 10629

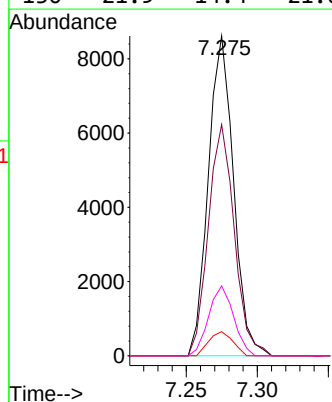
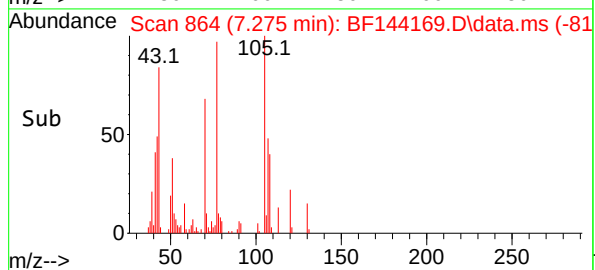
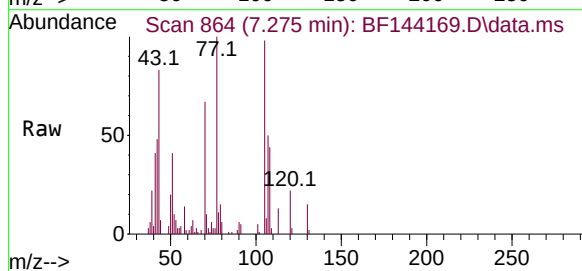
Ion Ratio Lower Upper

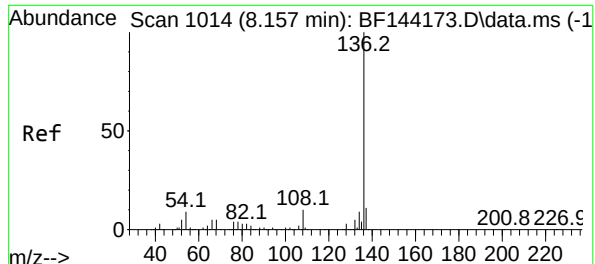
70 100

42 72.3 58.3 87.5

101 7.6 7.0 10.6

130 21.9 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144169.D

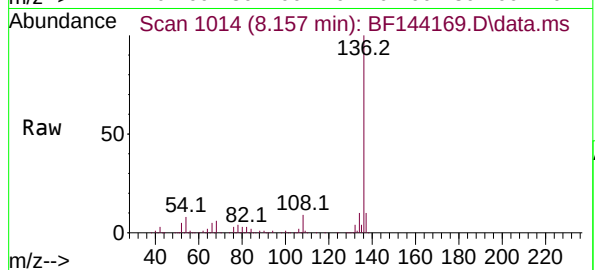
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 335743

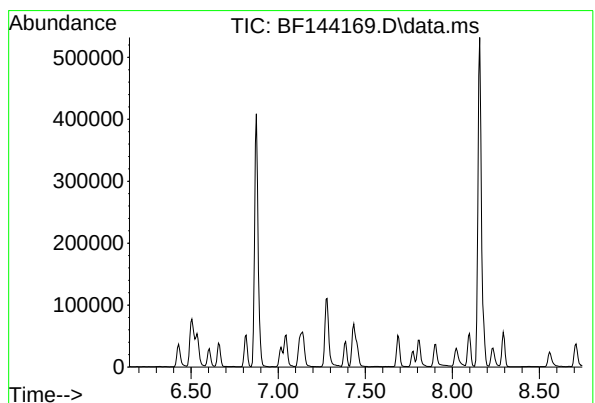
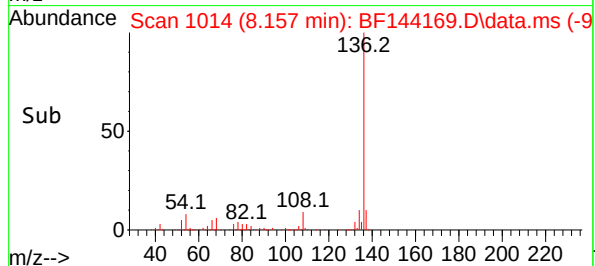
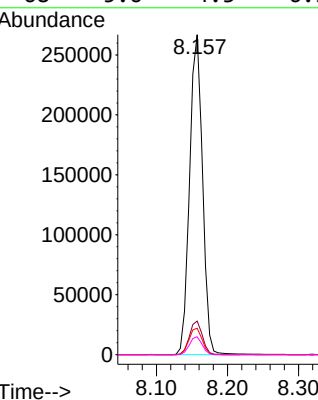
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.2 7.0 10.6

68 5.6 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

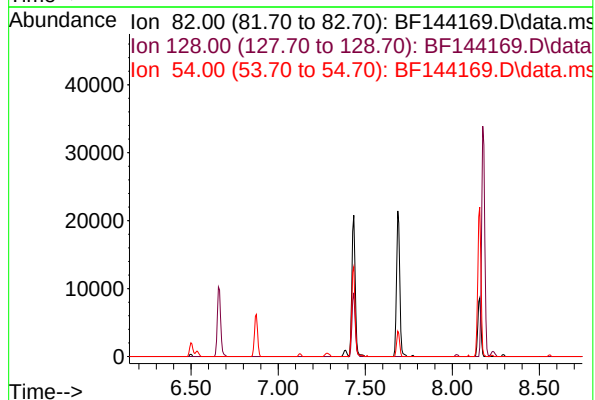
Tgt Ion: 82

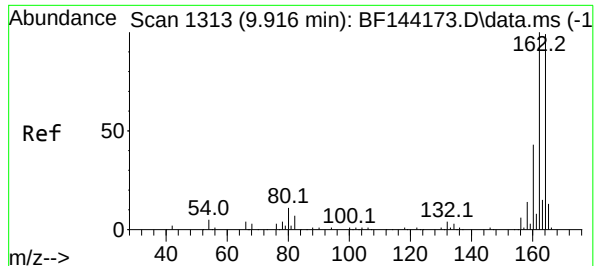
Sig Exp Ratio

82 100

128 43.4

54 61.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144169.D

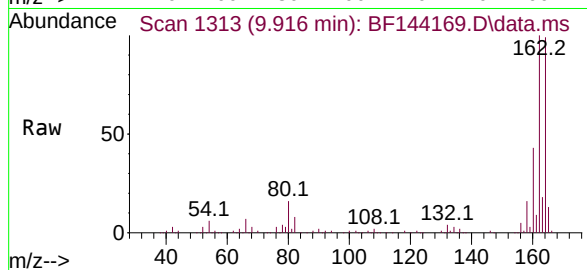
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



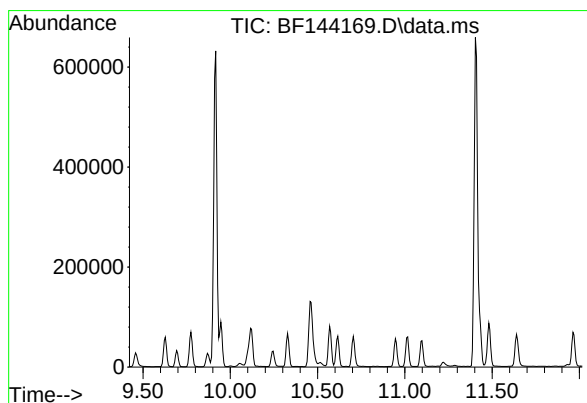
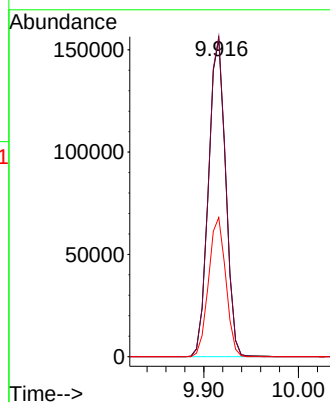
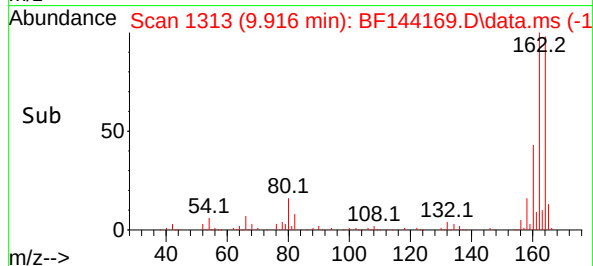
Tgt Ion:164 Resp: 195513

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 43.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

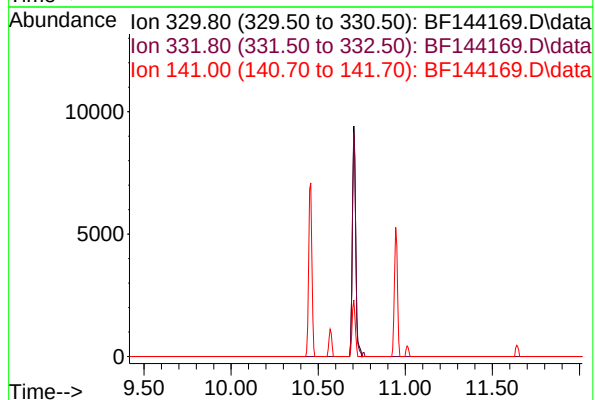
Tgt Ion: 330

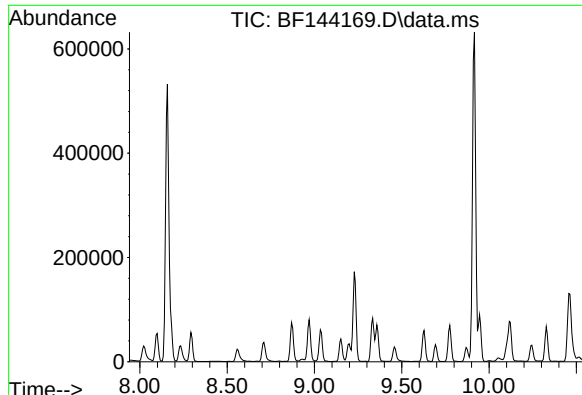
Sig Exp Ratio

330 100

332 95.9

141 22.3



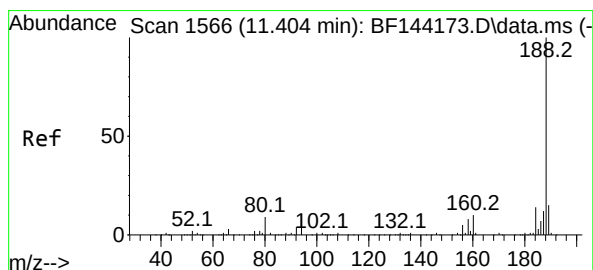
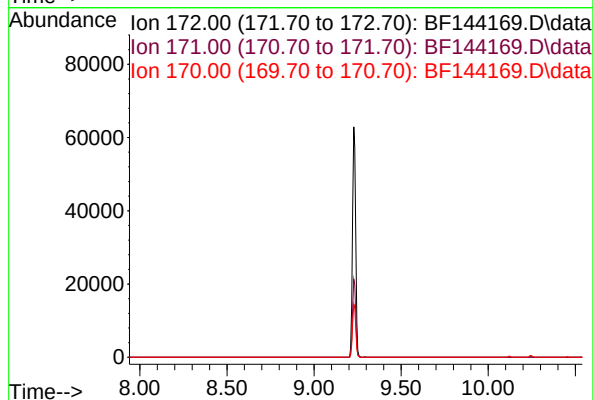


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

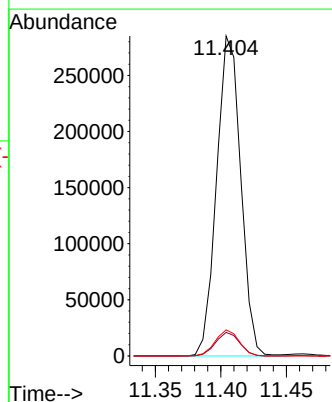
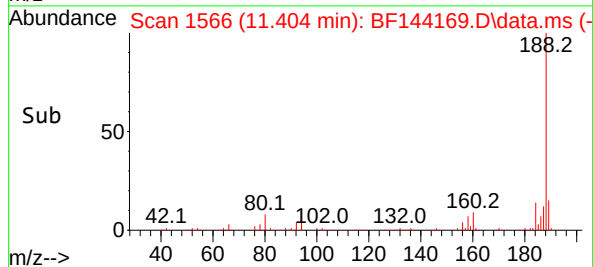
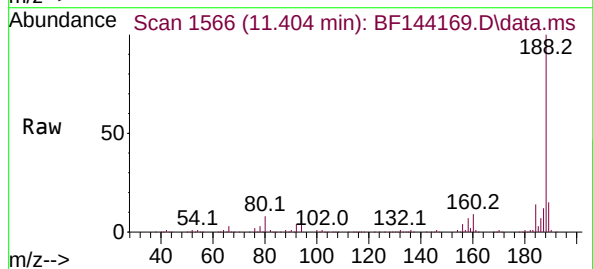
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

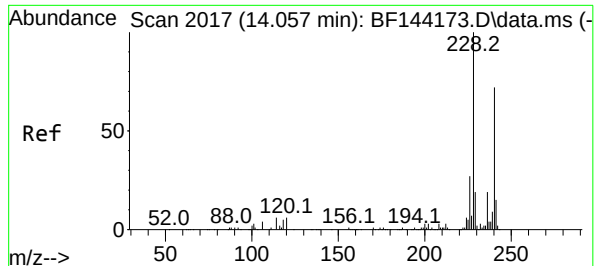
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.1
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

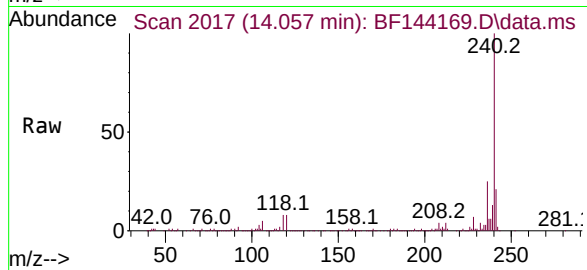
Tgt Ion: 188 Resp: 365872
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.2 6.9 10.3



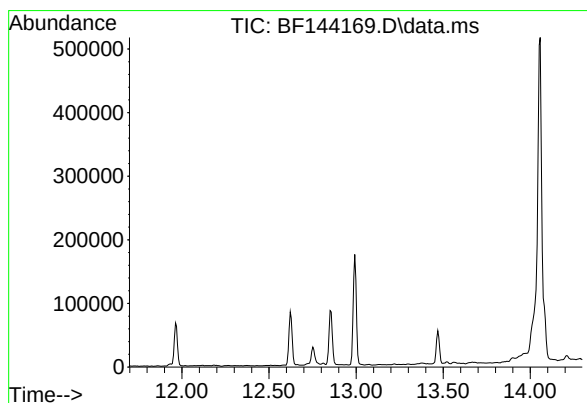
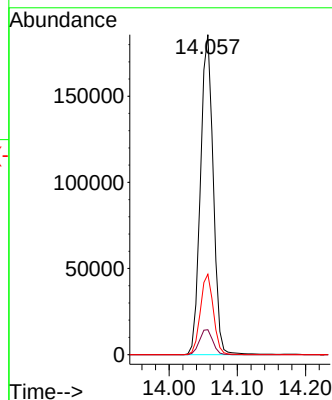
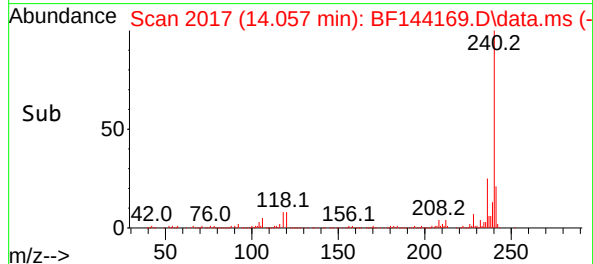


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



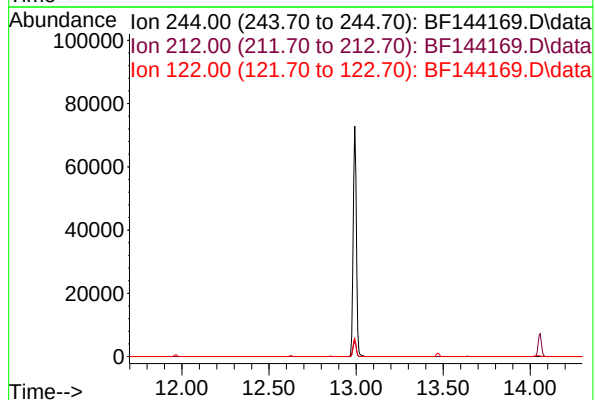
Tgt Ion:240 Resp: 241412
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.1 21.4 32.2

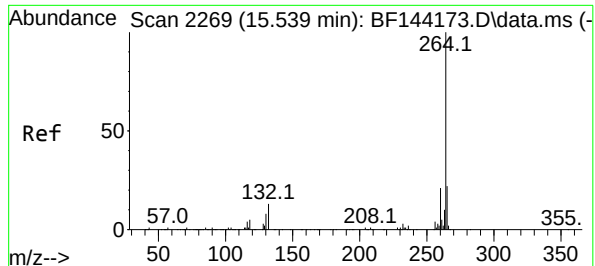


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.6
122 7.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144169.D

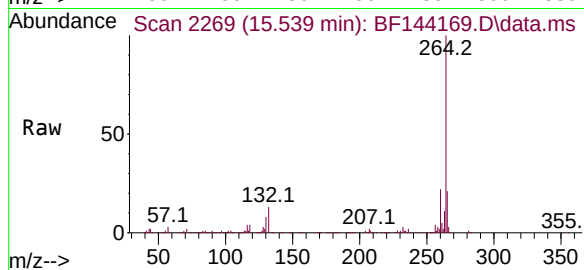
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



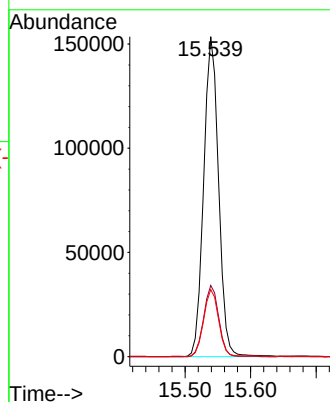
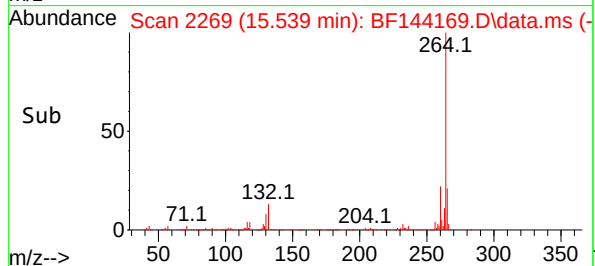
Tgt Ion:264 Resp: 241479

Ion	Ratio	Lower	Upper

264	100		

260	22.2	17.1	25.7

265	20.9	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85379	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	330889	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	188001	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326565	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215706	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	56869	10.423	ng	0.00
7) Phenol-d6	6.498	99	66870	10.817	ng	-0.01
23) Nitrobenzene-d5	7.434	82	56744	9.904	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	22758	9.647	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	150248	11.803	ng	-0.01
79) Terphenyl-d14	12.992	244	151347	11.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	11227	4.977	ng	98
3) Pyridine	3.410	79	29321	4.659	ng	98
6) Aniline	6.534	93	46833	5.317	ng	97
8) 2-Chlorophenol	6.657	128	26502	4.953	ng	98
10) Phenol	6.510	94	39383	5.214	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	27288	4.958	ng	99
12) 1,3-Dichlorobenzene	6.816	146	35799	5.422	ng	97
13) 1,4-Dichlorobenzene	6.893	146	35623	5.385	ng	99
14) 1,2-Dichlorobenzene	7.046	146	35243	5.559	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	51408	5.072	ng	92
17) 2-Methylphenol	7.122	107	21999	5.168	ng	94
18) Hexachloroethane	7.387	117	10929	4.973	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	21555	5.296	ng	99
22) Acetophenone	7.281	105	39609	5.580	ng	97
24) Nitrobenzene	7.451	77	30574	4.915	ng	98
25) Isophorone	7.687	82	54487	5.028	ng	97
26) 2-Nitrophenol	7.775	139	13789	4.478	ng	97
27) 2,4-Dimethylphenol	7.804	122	23283	5.045	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	35235	5.207	ng	97
29) 2,4-Dichlorophenol	8.016	162	27603	5.189	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	28937	5.298	ng	91
31) Naphthalene	8.175	128	84320	5.357	ng	100
33) 4-Chloroaniline	8.228	127	29602	5.157	ng	99
34) Hexachlorobutadiene	8.292	225	21207	5.152	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	23428	4.914	ng	95
37) 2-Methylnaphthalene	8.869	142	58087	5.520	ng	99
38) 1-Methylnaphthalene	8.969	142	55152	5.431	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	31823	5.165	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	20685	4.933	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	23346	5.165	ng	99
46) 1,1'-Biphenyl	9.334	154	72127	5.496	ng	98
47) 2-Chloronaphthalene	9.357	162	61232	5.470	ng	98
48) 2-Nitroaniline	9.457	65	14208	4.399	ng	90
49) Acenaphthylene	9.775	152	81168	5.321	ng	100
50) Dimethylphthalate	9.628	163	67538	5.423	ng	97
51) 2,6-Dinitrotoluene	9.692	165	11809	4.684	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.945	154	53468	5.241	ng	96
53) 3-Nitroaniline	9.869	138	12750	4.626	ng	88
55) Dibenzofuran	10.116	168	77278	5.409	ng	98
57) 2,4-Dinitrotoluene	10.098	165	15136	4.485	ng #	93
58) Fluorene	10.463	166	60881	5.605	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14470	4.525	ng	96
60) Diethylphthalate	10.328	149	60815	5.297	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	33416	5.401	ng	97
62) 4-Nitroaniline	10.475	138	12847	4.895	ng	91
63) Azobenzene	10.616	77	54383	5.089	ng	93
66) n-Nitrosodiphenylamine	10.569	169	56733	5.401	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	21547	5.169	ng	96
68) Hexachlorobenzene	11.010	284	24951	5.082	ng	99
69) Atrazine	11.098	200	17546	5.253	ng	93
71) Phenanthrene	11.428	178	90035	5.537	ng	99
72) Anthracene	11.481	178	91416	5.529	ng	99
73) Carbazole	11.639	167	76605	5.449	ng	97
74) Di-n-butylphthalate	11.963	149	87751	5.163	ng	100
75) Fluoranthene	12.622	202	91198	5.430	ng	97
78) Pyrene	12.851	202	95053	5.465	ng	98
80) Butylbenzylphthalate	13.469	149	30478	5.056	ng	92
81) Benzo(a)anthracene	14.045	228	78472	5.249	ng	96
83) Chrysene	14.080	228	68808	4.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	41706	5.054	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	87482	5.049	ng	98
88) Benzo(b)fluoranthene	15.098	252	72360m	5.273	ng	
89) Benzo(k)fluoranthene	15.127	252	64984	5.060	ng	99
90) Benzo(a)pyrene	15.474	252	64190	5.071	ng #	97
91) Dibenzo(a,h)anthracene	17.051	278	69714	5.010	ng	98
92) Benzo(g,h,i)perylene	17.492	276	66099	4.810	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

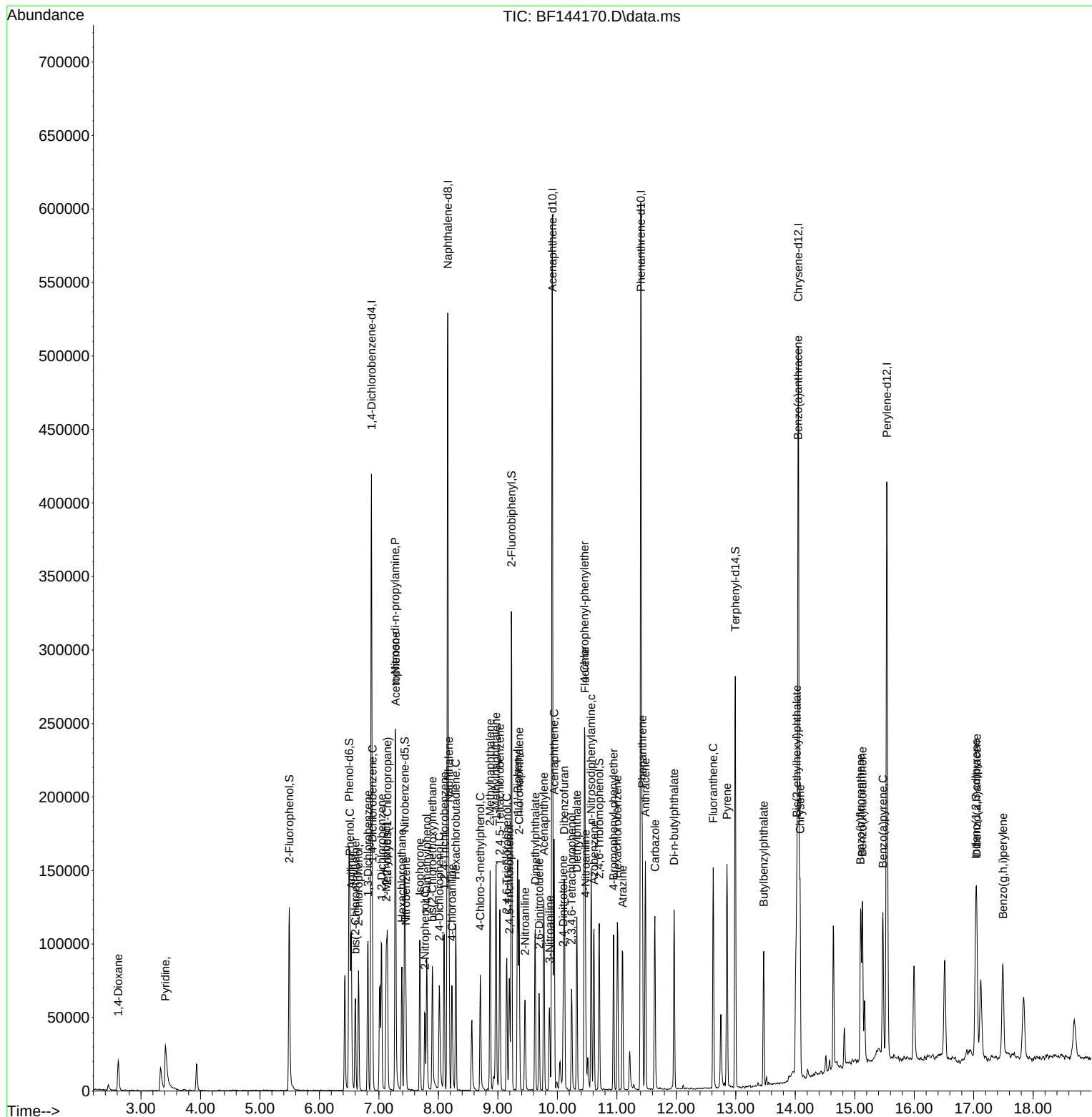
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Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

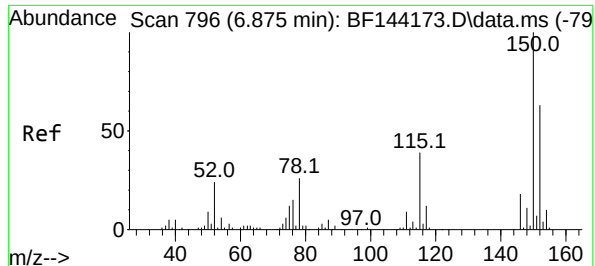
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jaagrut Upadhyay 11/06/2025

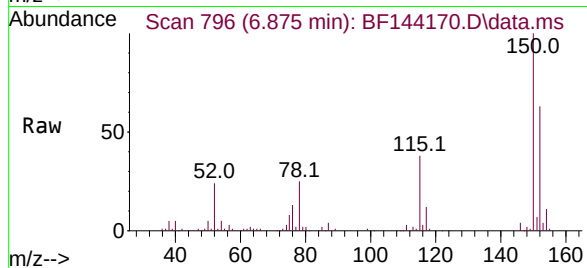
Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

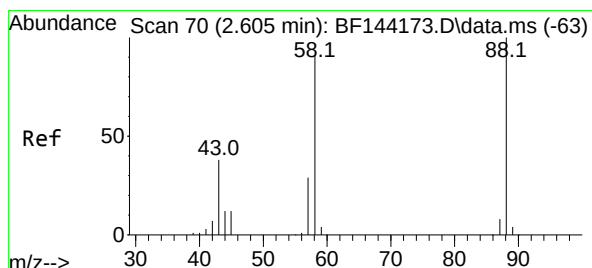
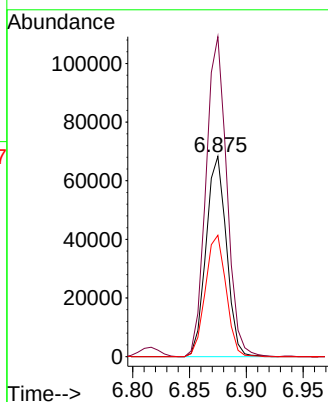
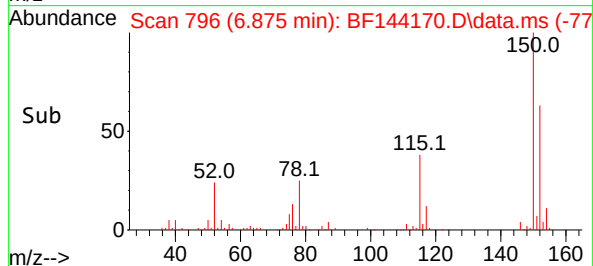
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 85379
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.0
115 60.6 49.5 74.3

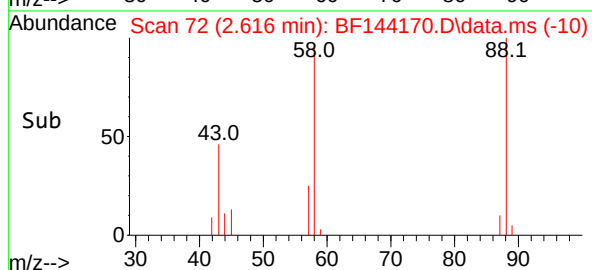
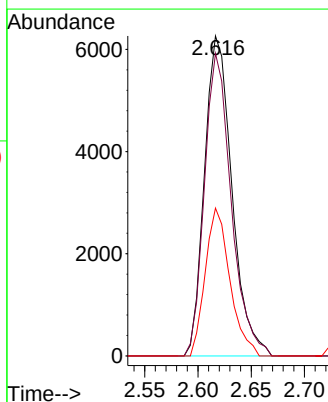
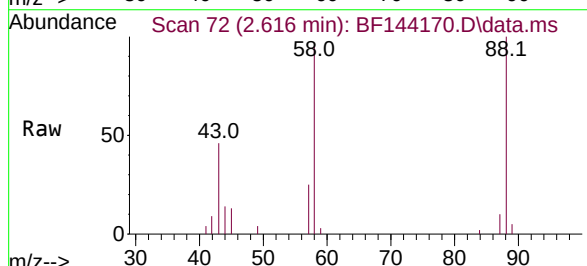
Manual Integrations
APPROVED

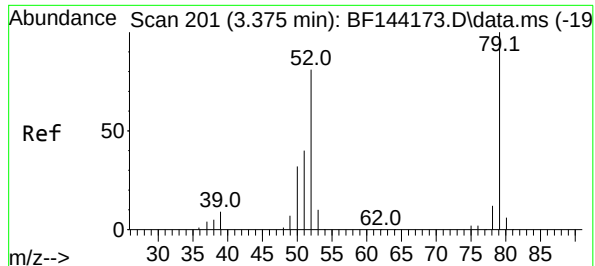
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 4.977 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 88 Resp: 11227
Ion Ratio Lower Upper
88 100
58 92.4 73.1 109.7
43 41.5 31.0 46.6





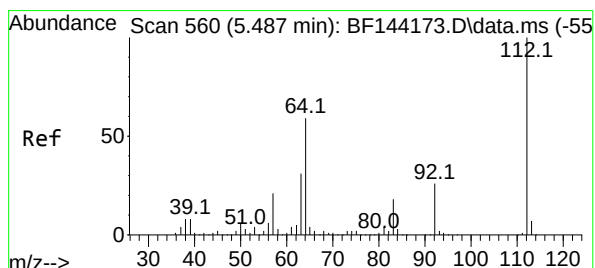
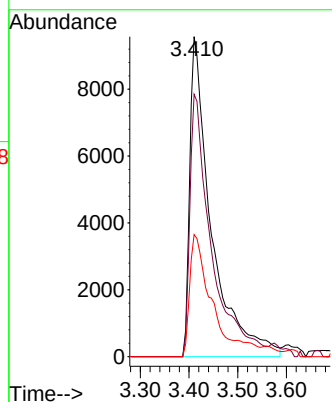
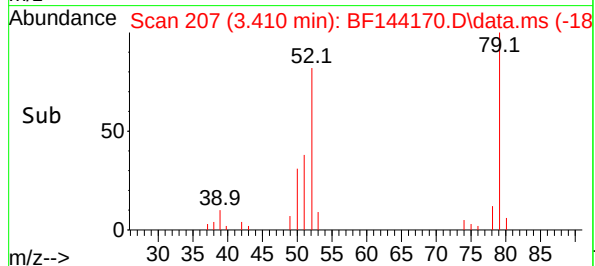
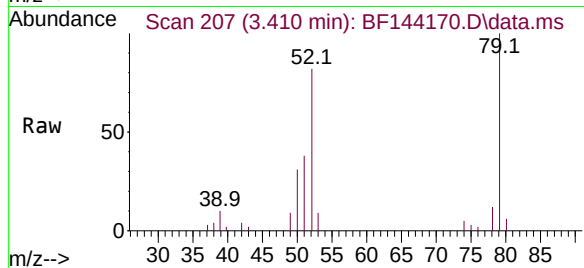
#3
Pyridine
Concen: 4.659 ng
RT: 3.410 min Scan# 201
Delta R.T. 0.035 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:	79	Resp:	2932
Ion Ratio	Lower	Upper	
79	100		
52	82.0	64.5	96.7
51	38.1	31.7	47.5

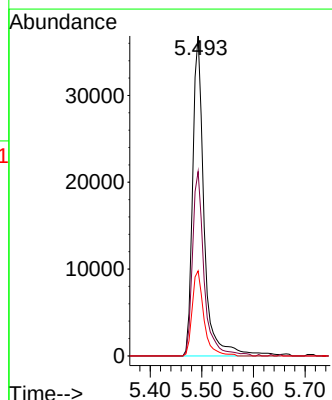
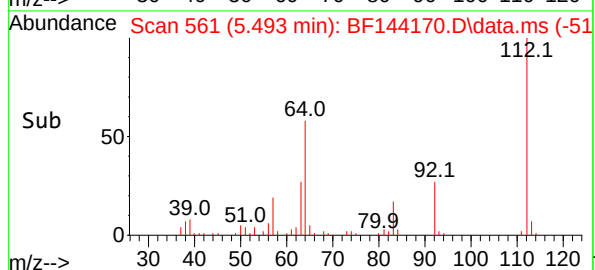
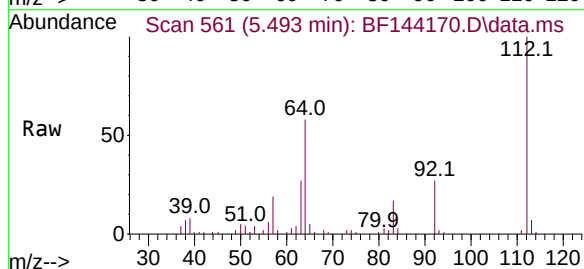
Manual Integrations
APPROVED

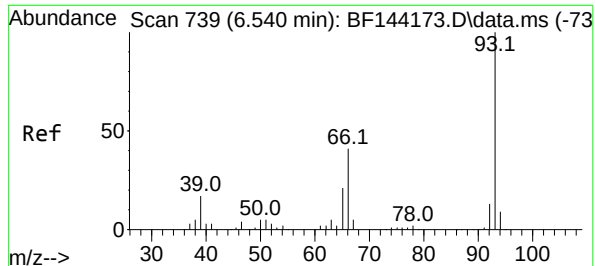
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#5
2-Fluorophenol
Concen: 10.423 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:	112	Resp:	56869
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.2	70.8
63	26.6	24.4	36.6





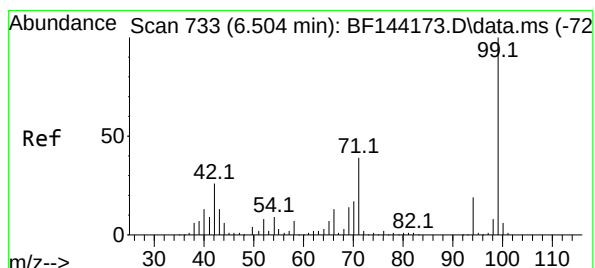
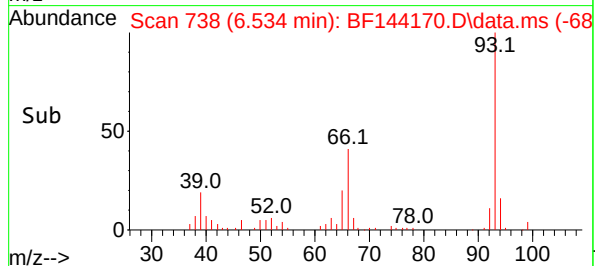
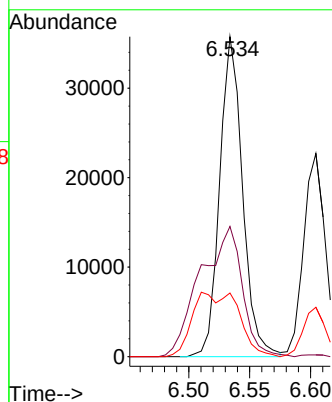
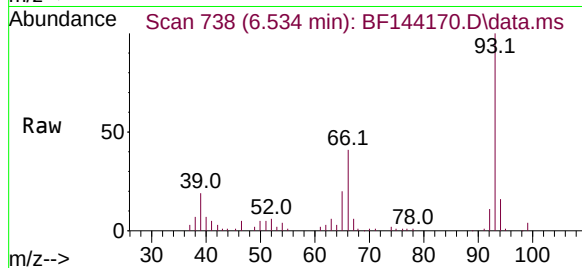
#6
Aniline
Concen: 5.317 ng
RT: 6.534 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
Client SampleId :
SSTDICC005

Tgt Ion: 93 Resp: 46833
Ion Ratio Lower Upper
93 100
66 40.7 34.3 51.5
65 19.9 16.9 25.3

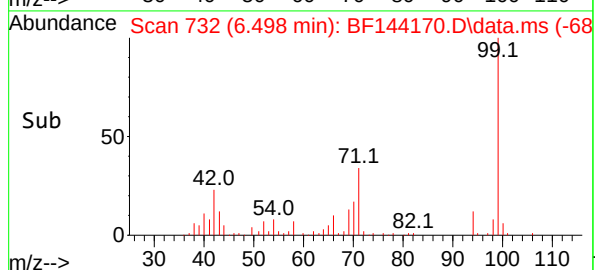
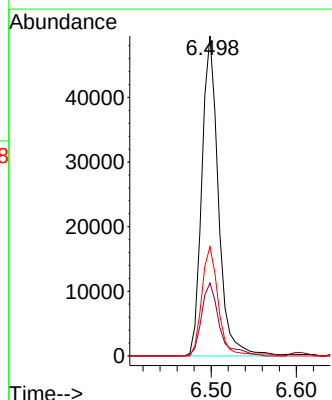
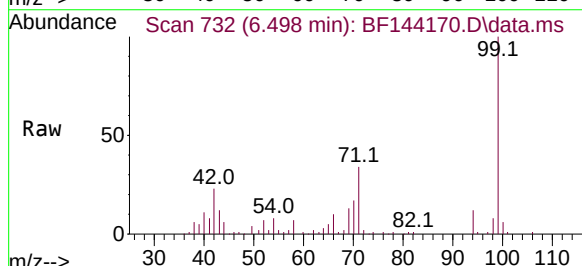
Manual Integrations
APPROVED

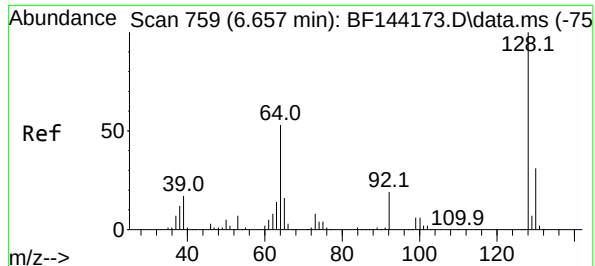
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#7
Phenol-d6
Concen: 10.817 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

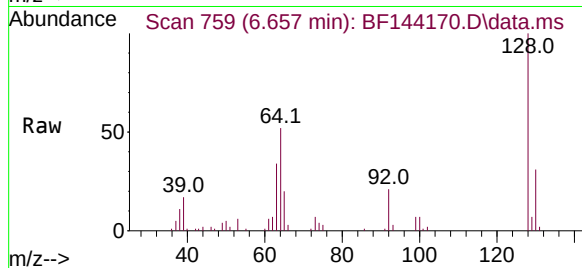
Tgt Ion: 99 Resp: 66870
Ion Ratio Lower Upper
99 100
42 22.8 20.9 31.3
71 34.1 31.4 47.2





#8
2-Chlorophenol
Concen: 4.953 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

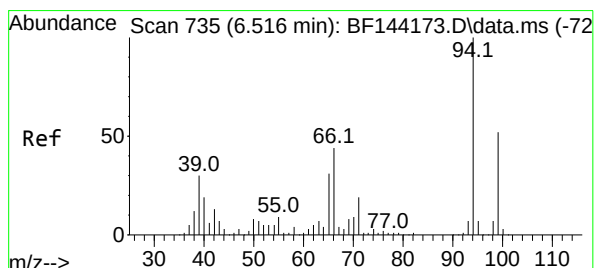
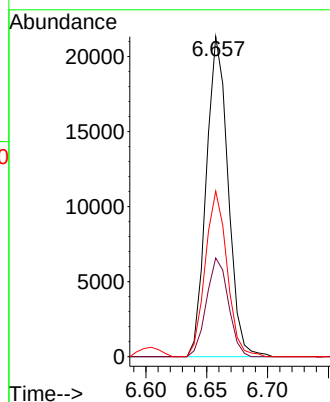
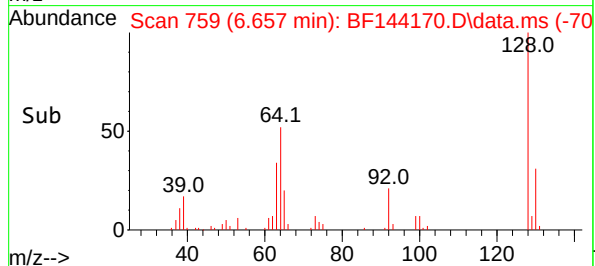
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 26502
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 51.7 33.2 73.2

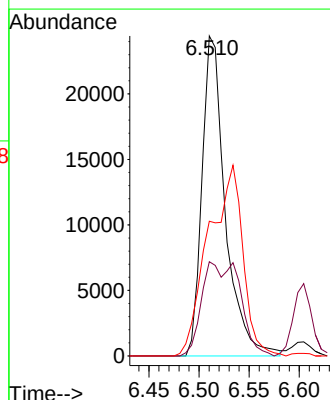
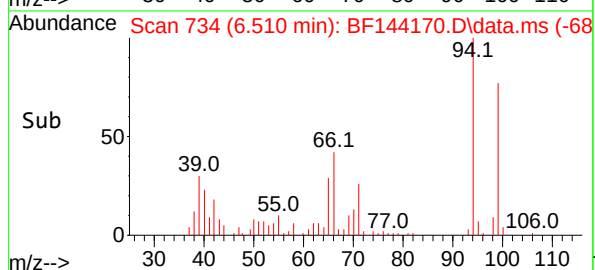
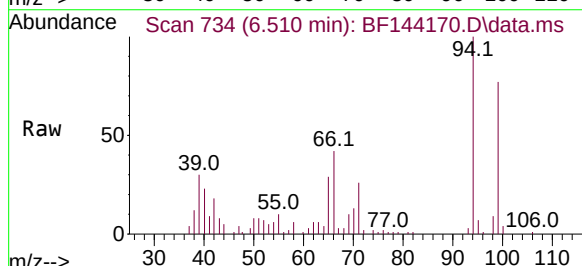
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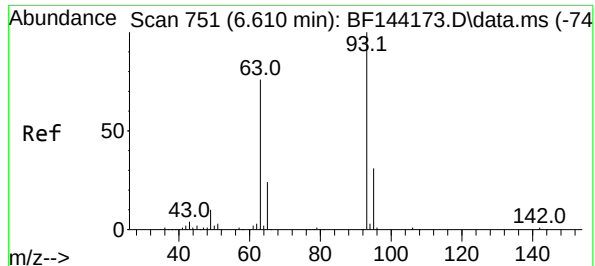
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 5.214 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 94 Resp: 39383
Ion Ratio Lower Upper
94 100
65 29.4 10.8 50.8
66 42.1 24.3 64.3





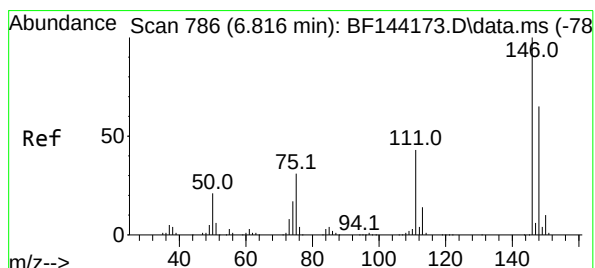
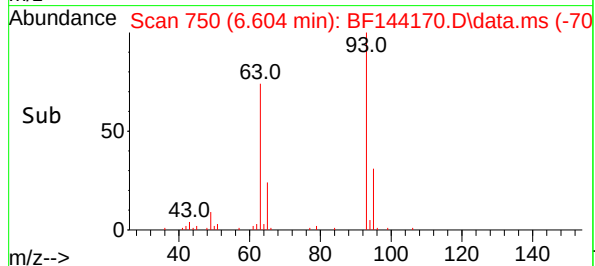
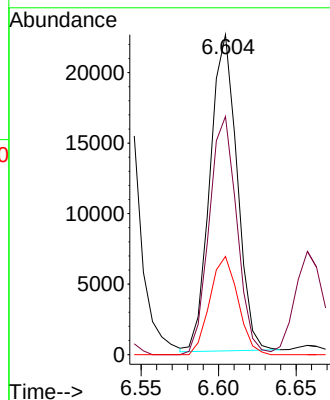
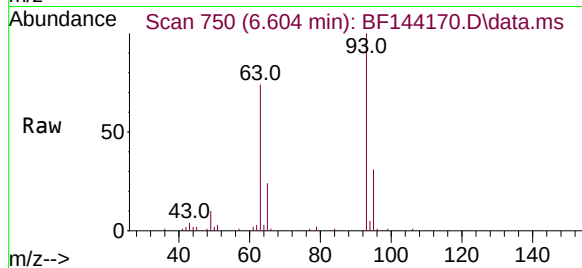
#11
bis(2-Chloroethyl)ether
Concen: 4.958 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 27288
Ion Ratio Lower Upper
93 100
63 74.4 55.2 95.2
95 30.7 11.2 51.2

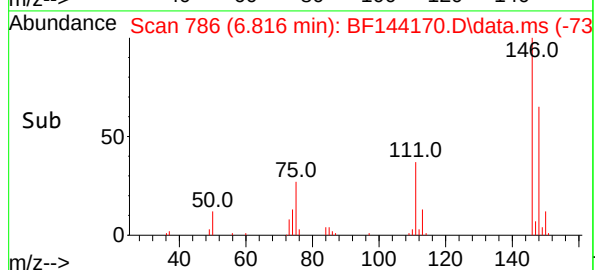
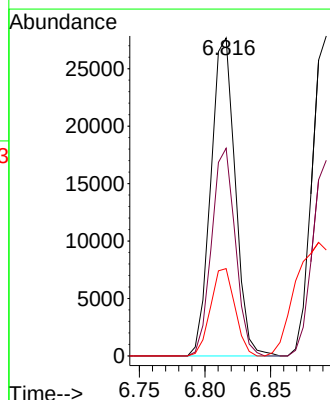
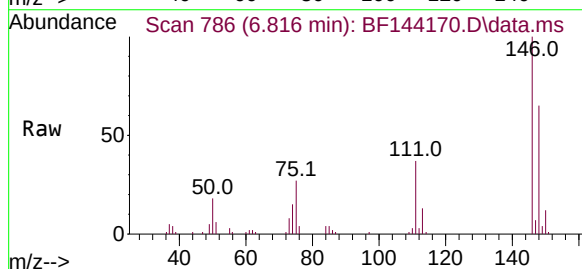
Manual Integrations
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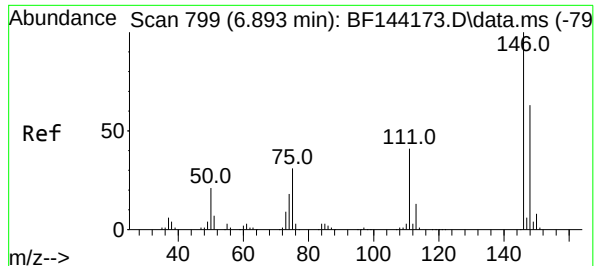
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 5.422 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35799
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 27.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 5.385 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 35623

Ion Ratio Lower Upper

146 100

148 61.1 50.2 75.2

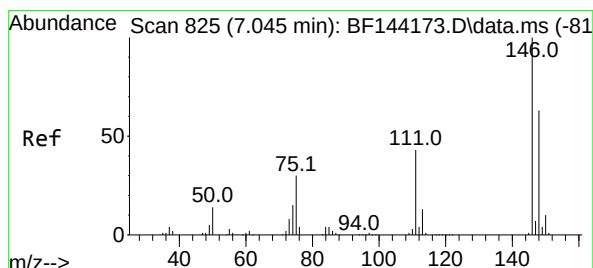
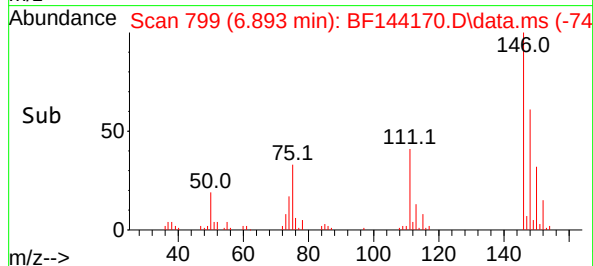
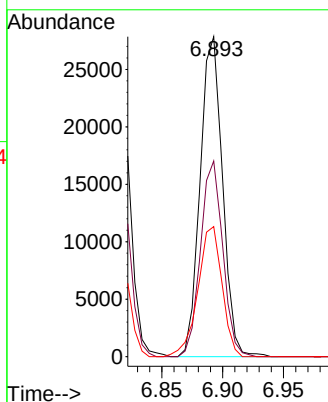
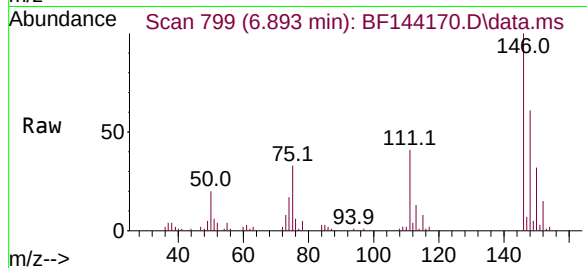
111 40.6 32.6 48.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 5.559 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

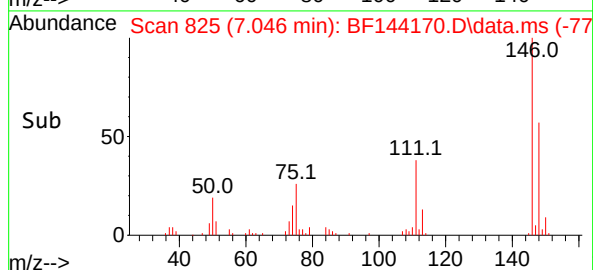
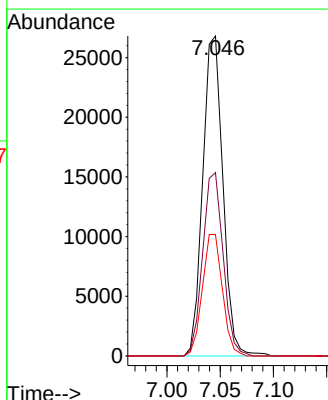
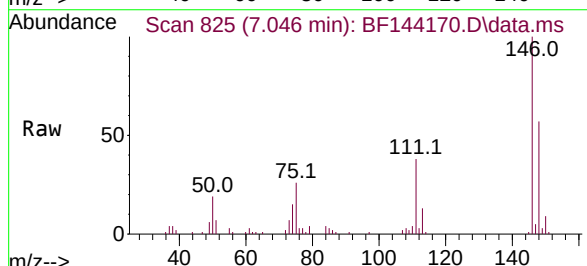
Tgt Ion:146 Resp: 35243

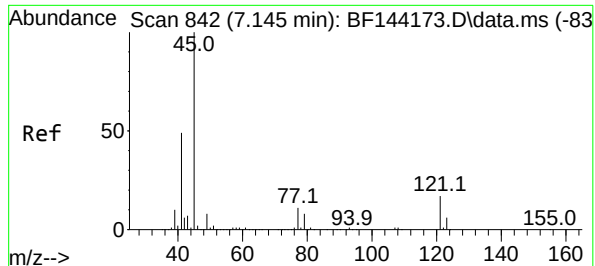
Ion Ratio Lower Upper

146 100

148 57.3 50.7 76.1

111 37.9 34.2 51.4





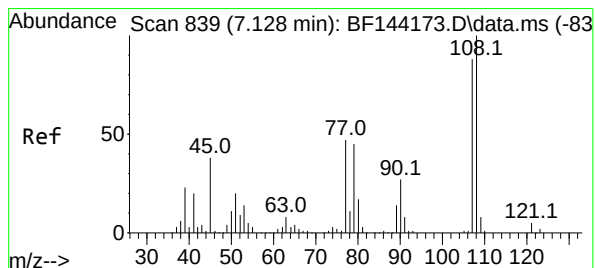
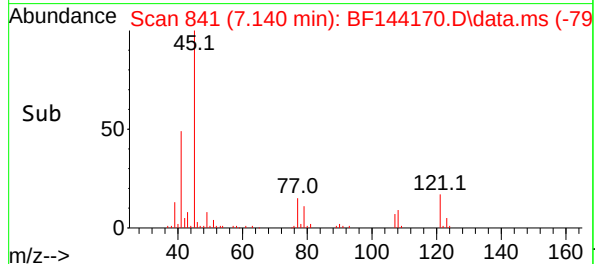
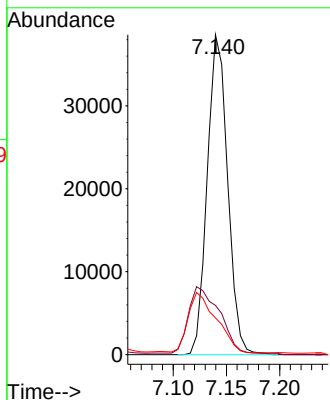
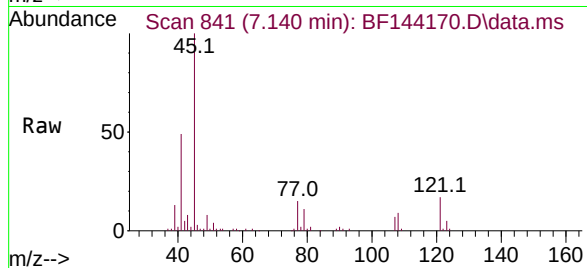
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.072 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 51408
Ion Ratio Lower Upper
45 100
77 15.4 0.0 31.8
79 11.5 0.0 29.1

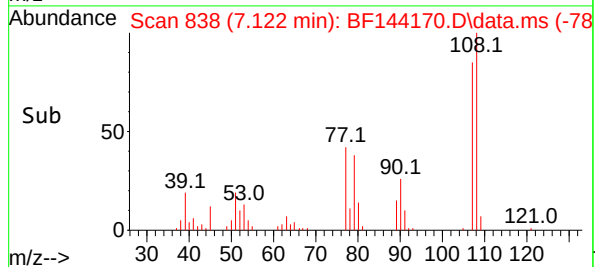
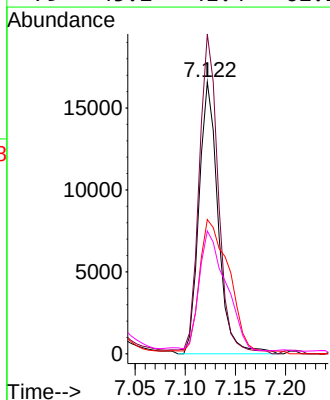
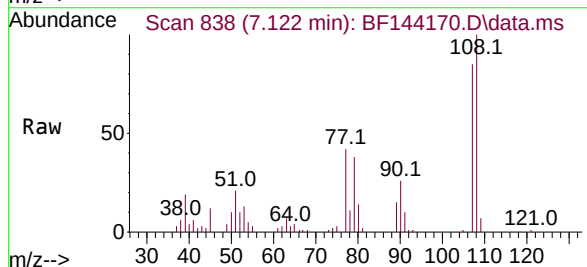
Manual Integrations
APPROVED

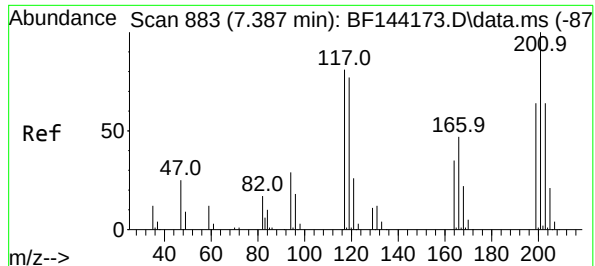
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#17
2-Methylphenol
Concen: 5.168 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

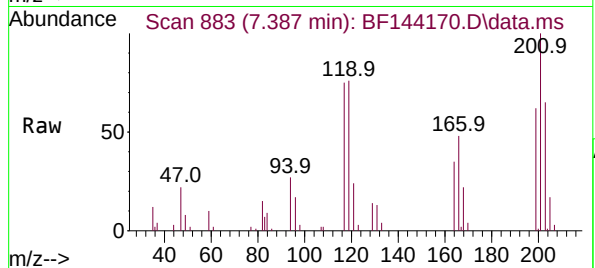
Tgt Ion:107 Resp: 21999
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 49.4 42.7 64.1
79 45.2 41.4 62.2





#18
Hexachloroethane
Concen: 4.973 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

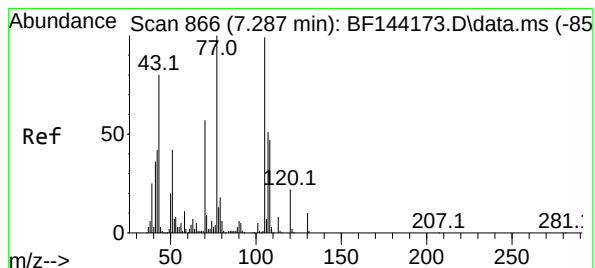
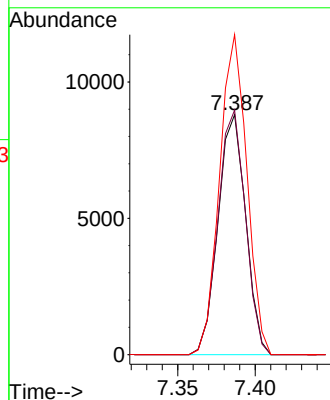
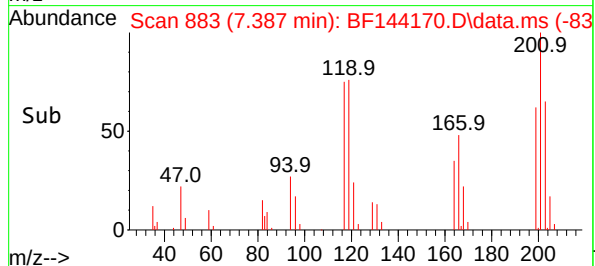
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



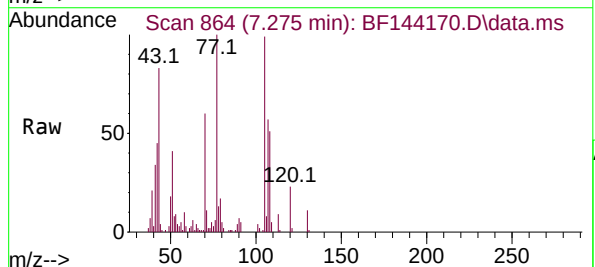
Tgt Ion: 117 Resp: 10929
Ion Ratio Lower Upper
117 100
119 102.0 75.8 113.8
201 133.4 98.9 148.3

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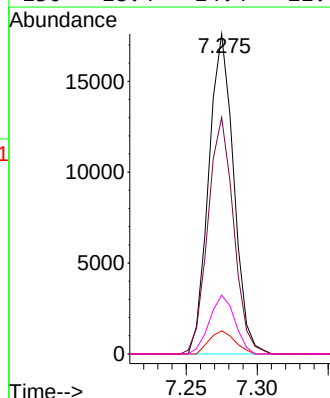
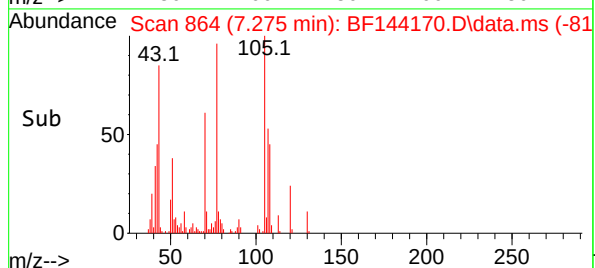
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

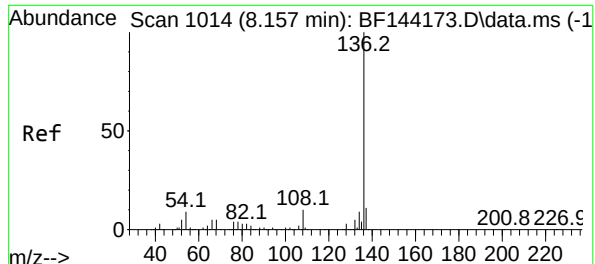


#19
n-Nitroso-di-n-propylamine
Concen: 5.296 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion: 70 Resp: 21555
Ion Ratio Lower Upper
70 100
42 73.9 58.3 87.5
101 7.3 7.0 10.6
130 18.4 14.4 21.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:136 Resp: 330889

Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.4 7.0 10.6

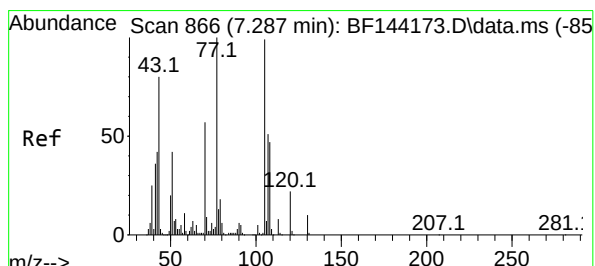
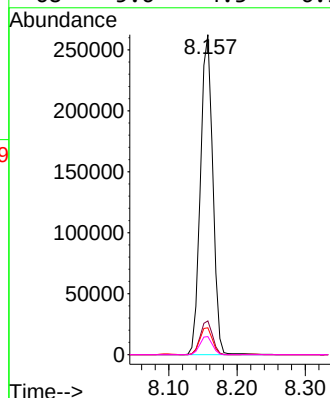
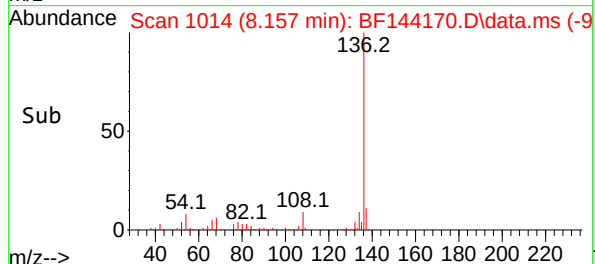
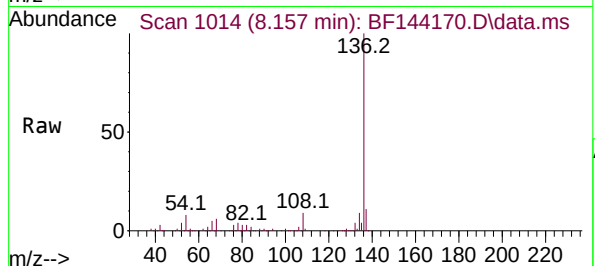
68 5.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#22

Acetophenone

Concen: 5.580 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:105 Resp: 39609

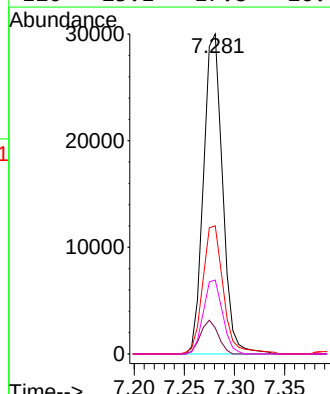
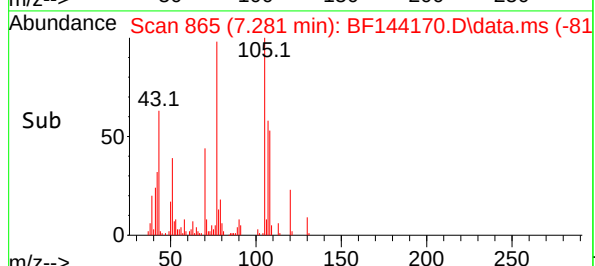
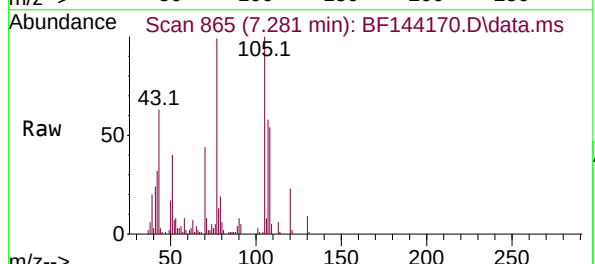
Ion Ratio Lower Upper

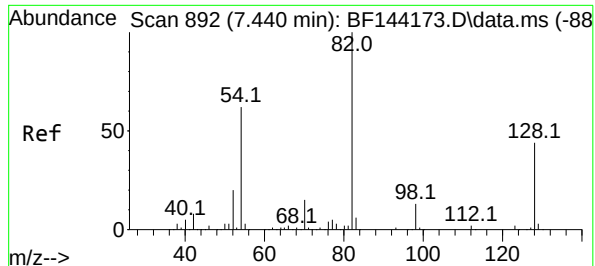
105 100

71 8.1 7.2 10.8

51 40.0 34.0 51.0

120 23.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 9.904 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

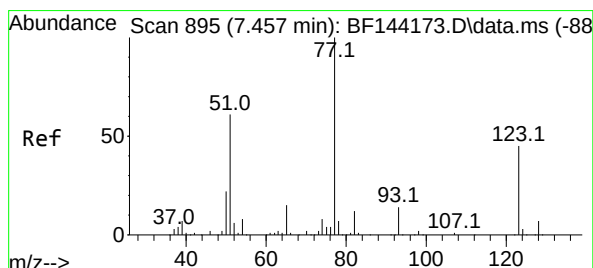
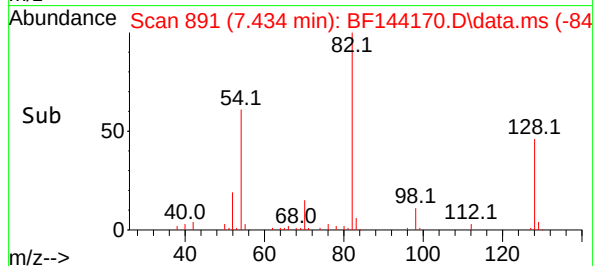
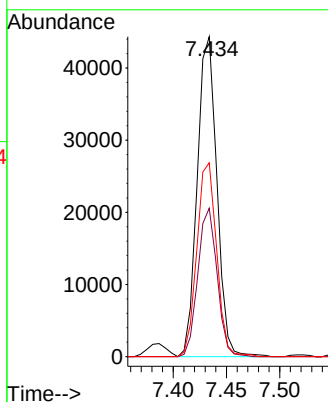
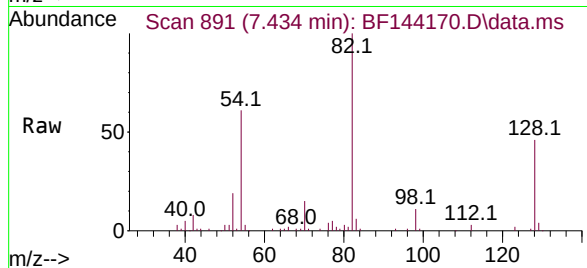
SSTDICC005

Tgt Ion:	82	Resp:	56744
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.7	52.1
54	60.6	49.5	74.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 4.915 ng

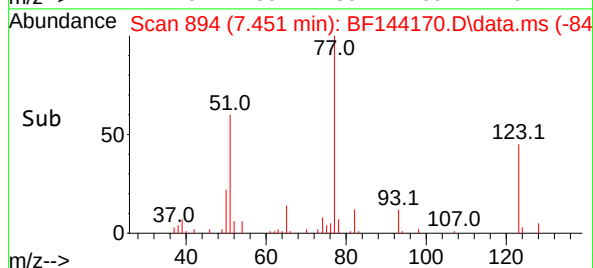
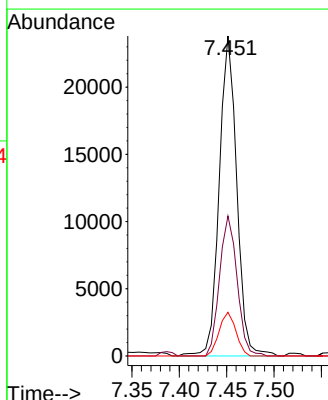
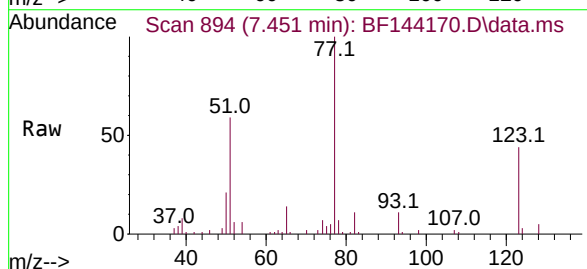
RT: 7.451 min Scan# 894

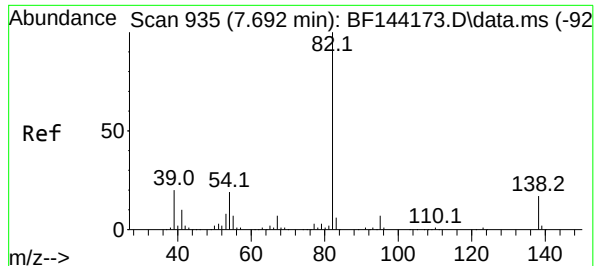
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

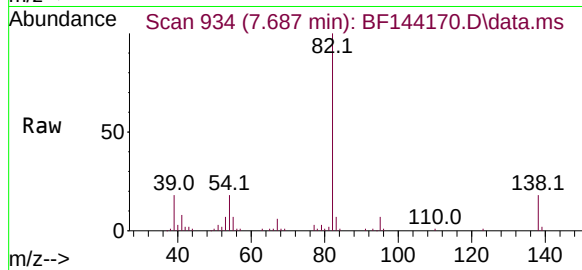
Tgt Ion:	77	Resp:	30574
Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.8	53.8
65	13.6	12.2	18.2





#25
Isophorone
Concen: 5.028 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

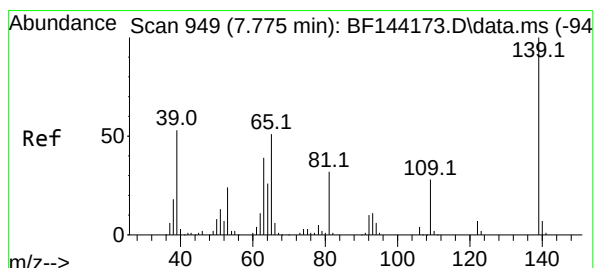
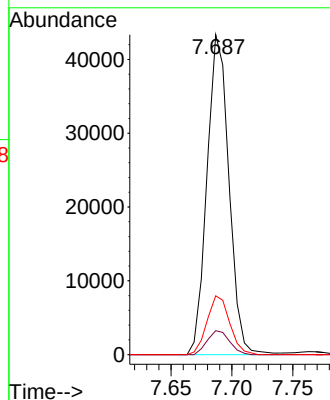
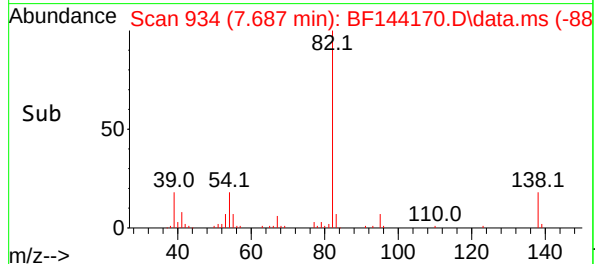
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 5448
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 18.4 13.7 20.5

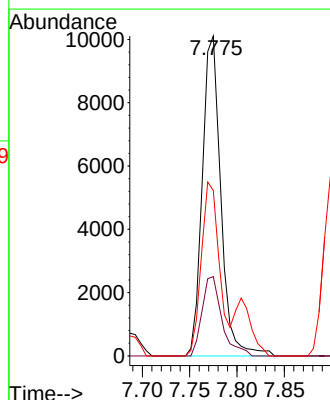
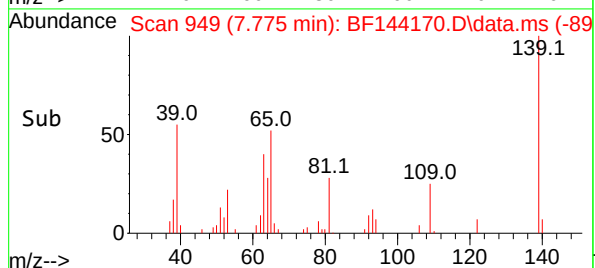
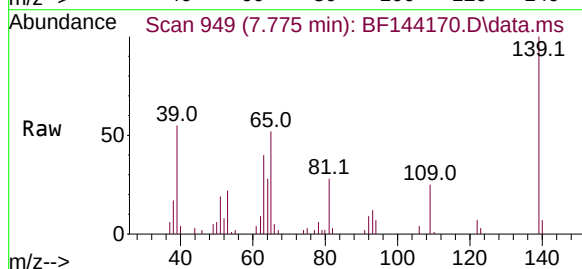
Manual Integrations
APPROVED

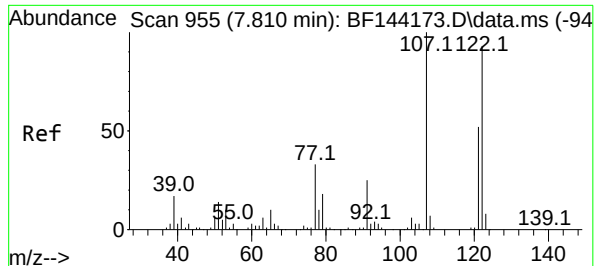
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#26
2-Nitrophenol
Concen: 4.478 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:139 Resp: 13789
Ion Ratio Lower Upper
139 100
109 24.8 22.2 33.2
65 51.7 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 5.045 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

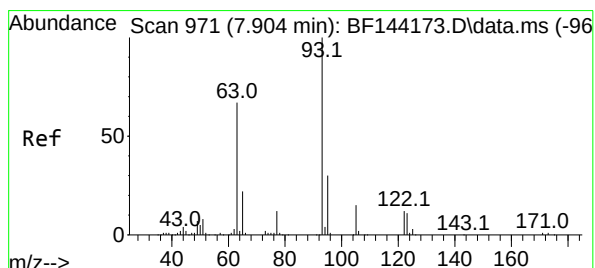
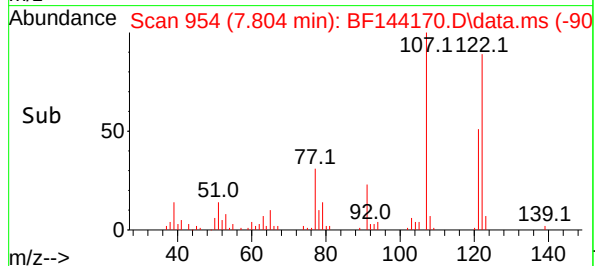
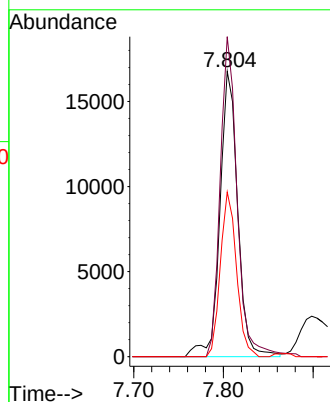
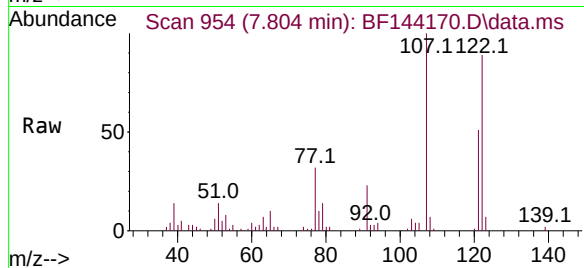
Tgt Ion:	122	Resp:	23283
Ion	Ratio	Lower	Upper
122	100		
107	112.2	86.2	129.4
121	57.7	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.207 ng

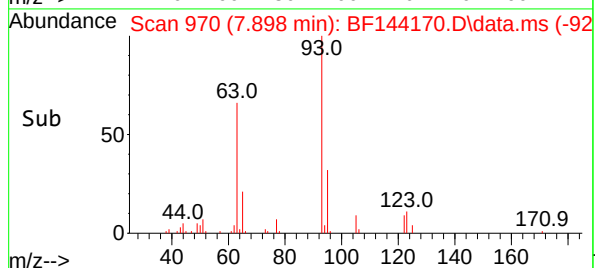
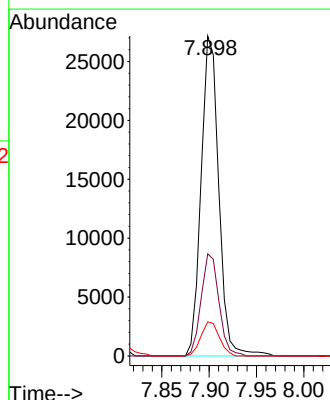
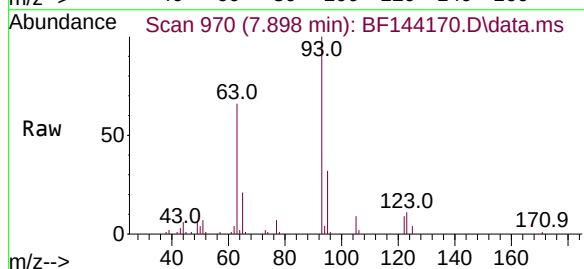
RT: 7.898 min Scan# 970

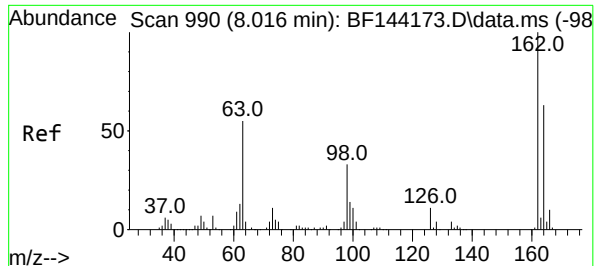
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:	93	Resp:	35235
Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.2	36.4
123	10.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 5.189 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

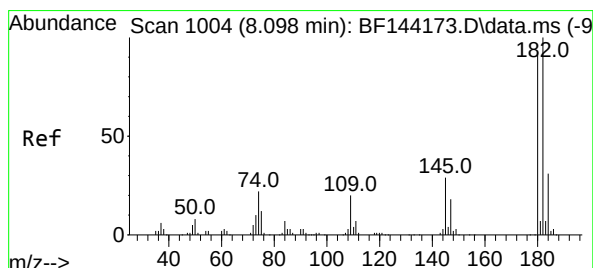
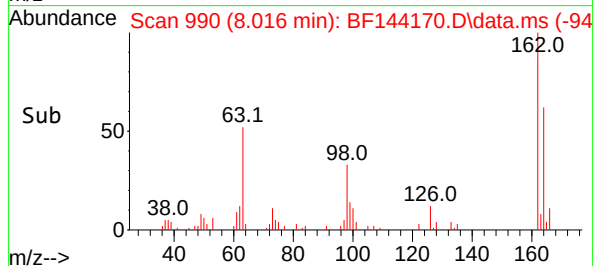
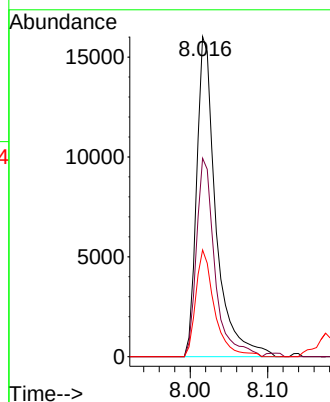
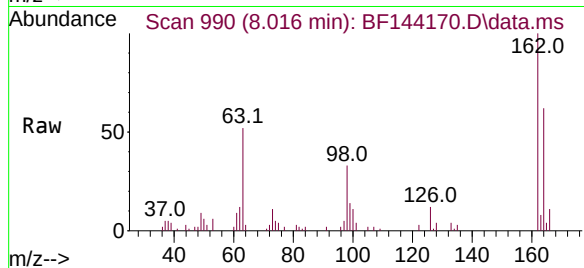
Tgt Ion:162	Resp:	27603
Ion Ratio	Lower	Upper
162	100	
164	62.0	42.9 82.9
98	33.3	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.298 ng

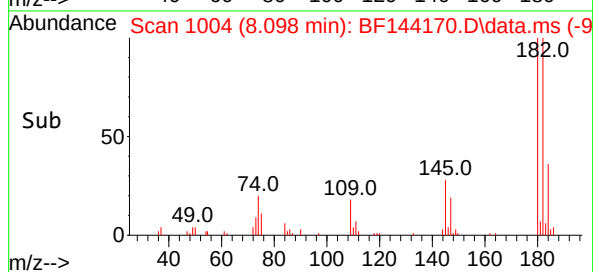
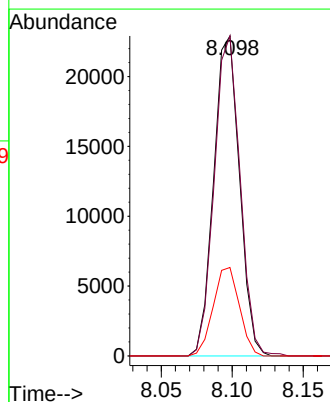
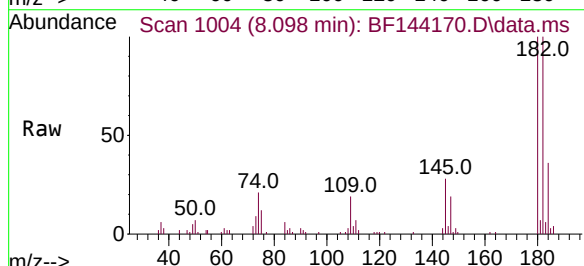
RT: 8.098 min Scan# 1004

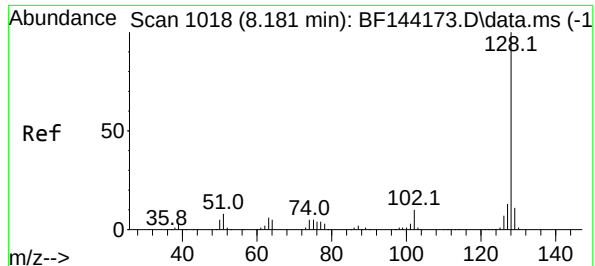
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:180	Resp:	28937
Ion Ratio	Lower	Upper
180	100	
182	100.0	87.7 131.5
145	27.6	25.4 38.0





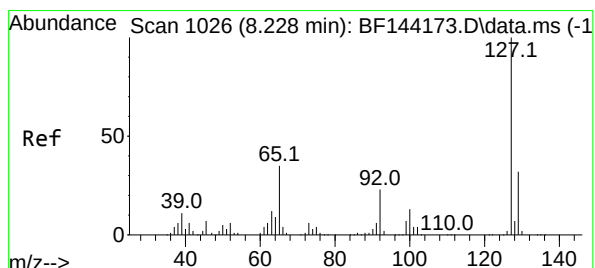
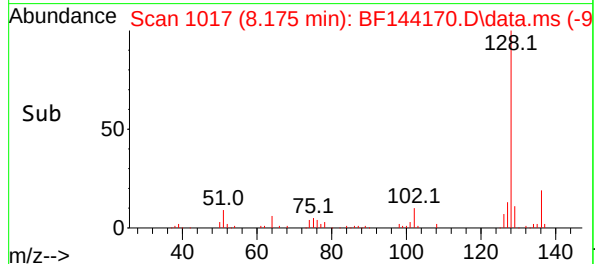
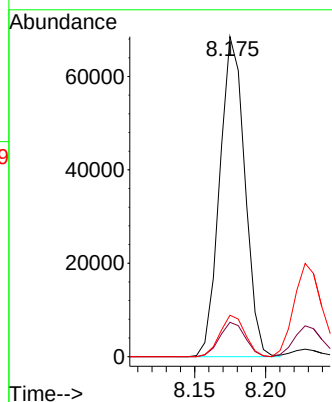
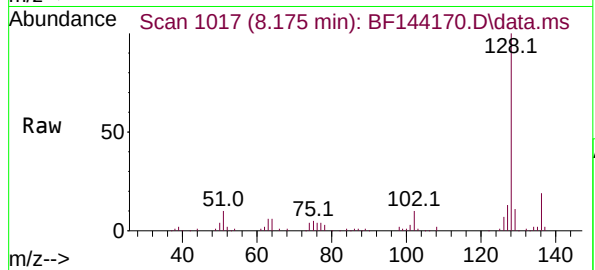
#31
Naphthalene
Concen: 5.357 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 84320
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.3 15.5

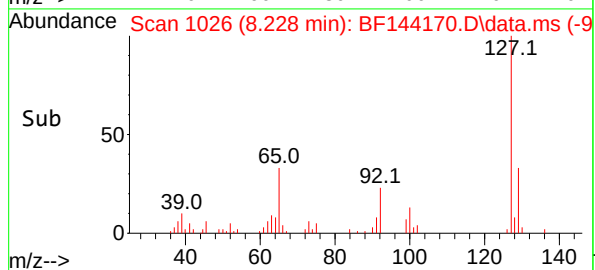
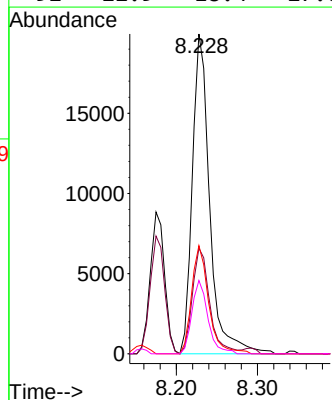
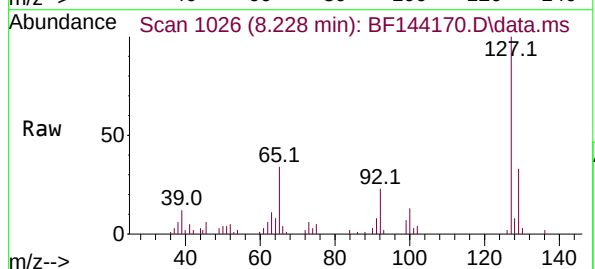
Manual Integrations
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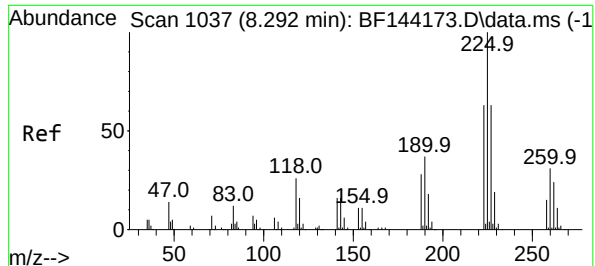
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#33
4-Chloroaniline
Concen: 5.157 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:127 Resp: 29602
Ion Ratio Lower Upper
127 100
129 33.0 25.3 37.9
65 33.8 27.6 41.4
92 22.9 18.4 27.6





#34

Hexachlorobutadiene

Concen: 5.152 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

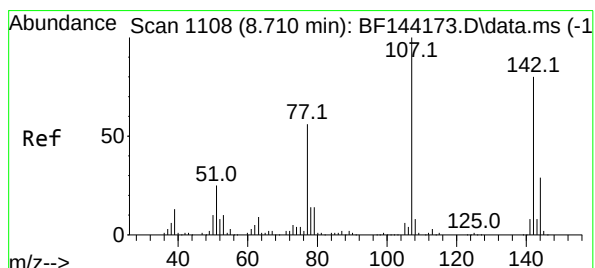
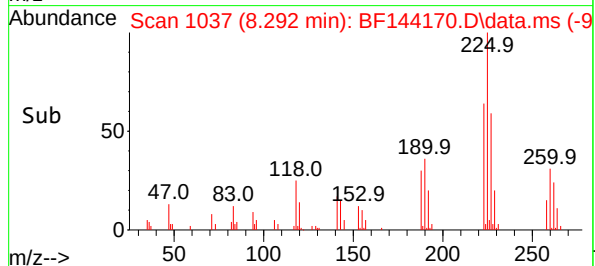
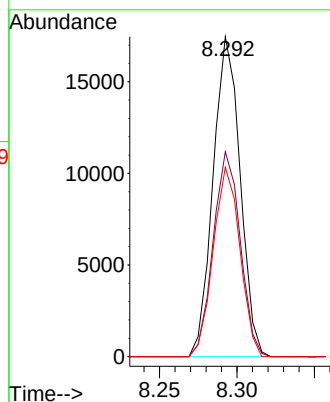
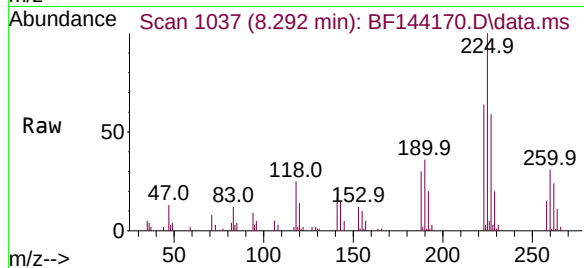
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.4
227	59.1	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36

4-Chloro-3-methylphenol

Concen: 4.914 ng

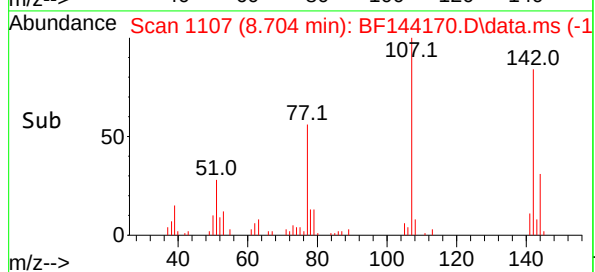
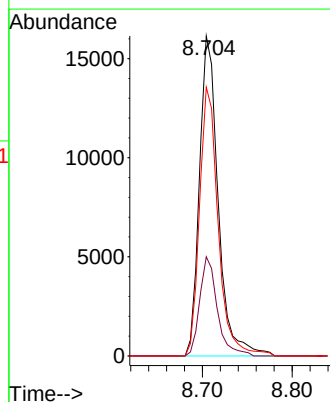
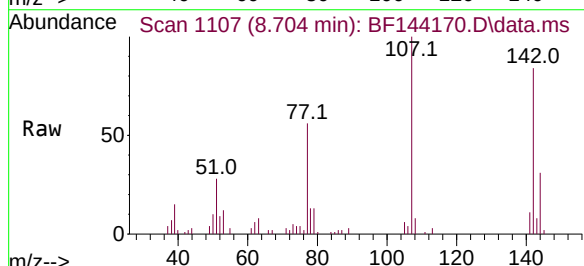
RT: 8.704 min Scan# 1107

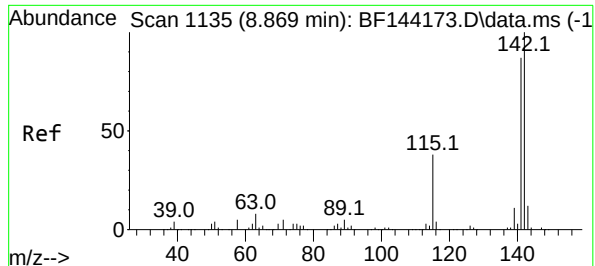
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.0	23.3	34.9
142	84.0	63.8	95.6





#37

2-Methylnaphthalene

Concen: 5.520 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 5808

Ion Ratio Lower Upper

142 100

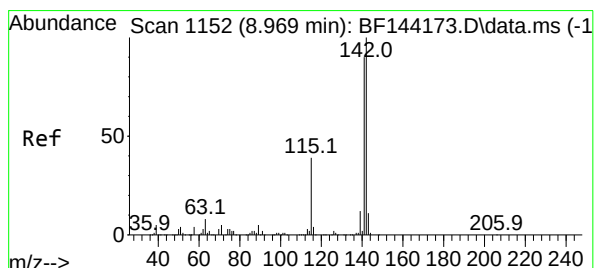
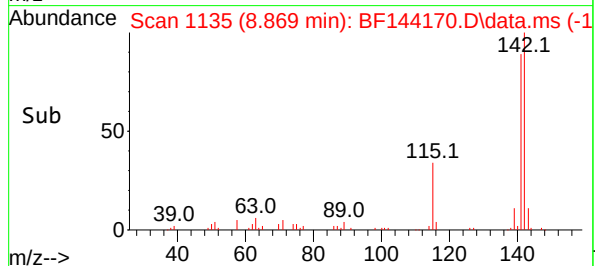
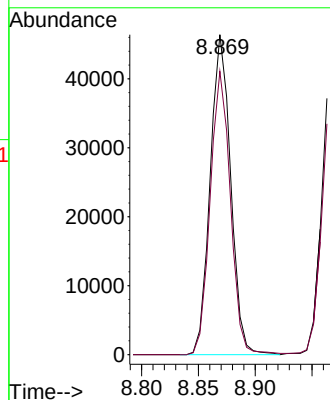
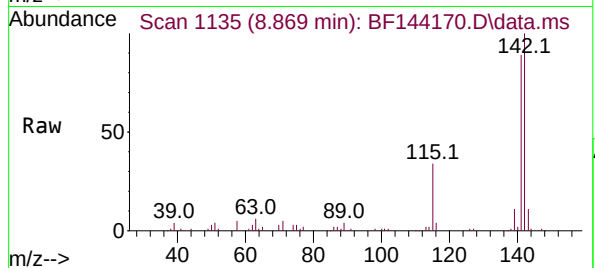
141 88.5 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 5.431 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144170.D

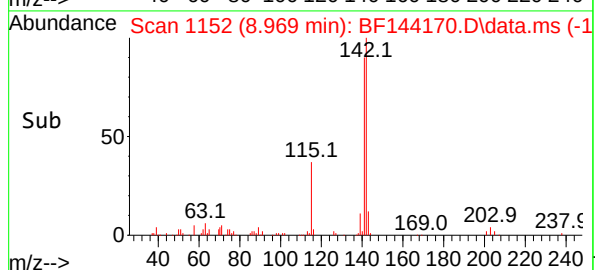
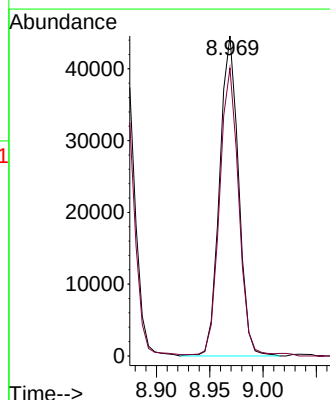
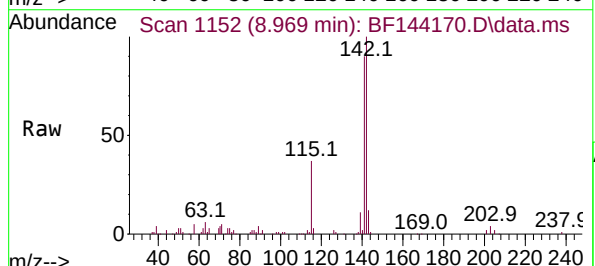
Acq: 05 Nov 2025 13:20

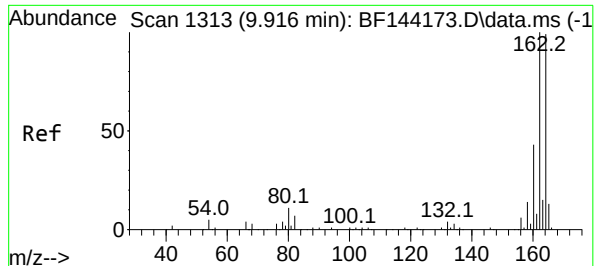
Tgt Ion:142 Resp: 55152

Ion Ratio Lower Upper

142 100

141 89.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144170.D

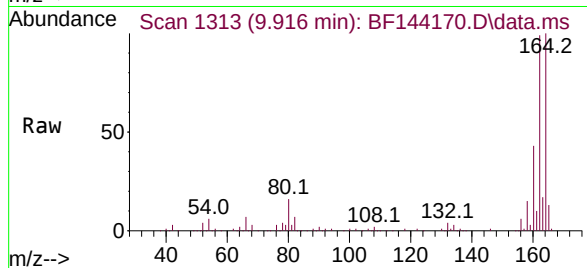
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 188000

Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

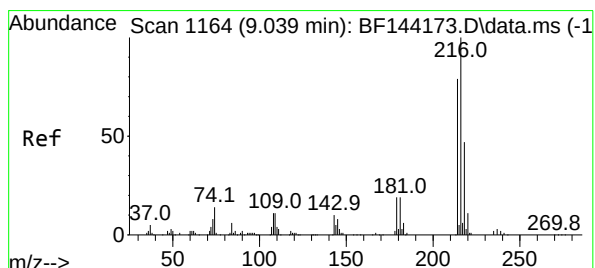
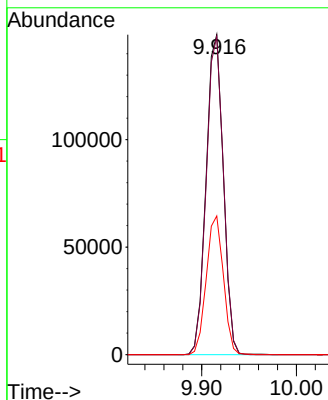
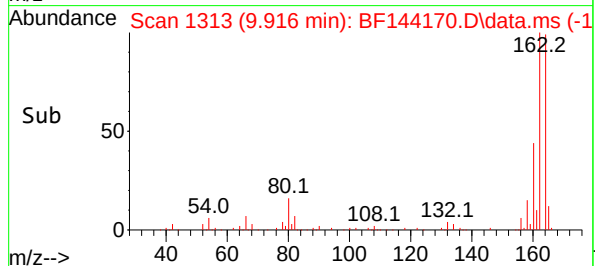
160 43.3 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

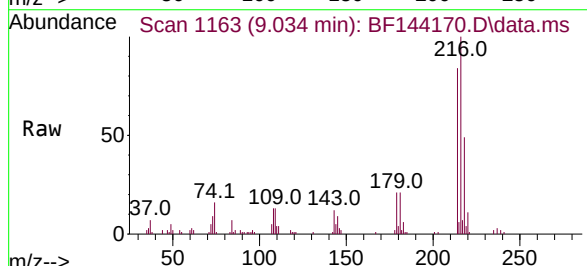
Concen: 5.165 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20



Tgt Ion:216 Resp: 31823

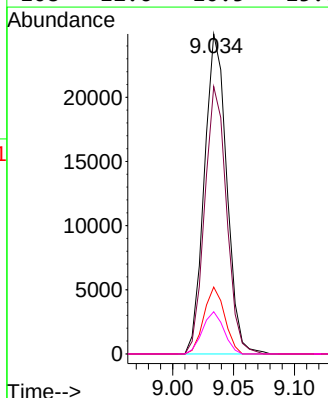
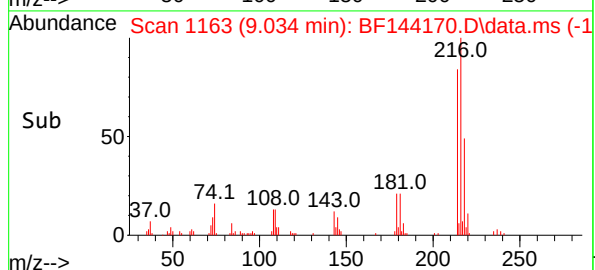
Ion Ratio Lower Upper

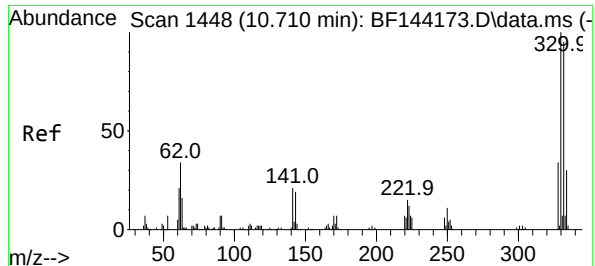
216 100

214 81.6 63.4 95.2

179 19.4 15.0 22.4

108 12.6 10.5 15.7





#42
2,4,6-Tribromophenol
Concen: 9.647 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

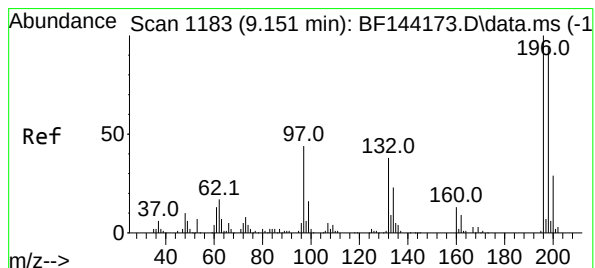
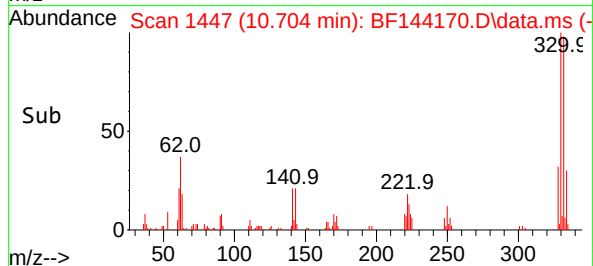
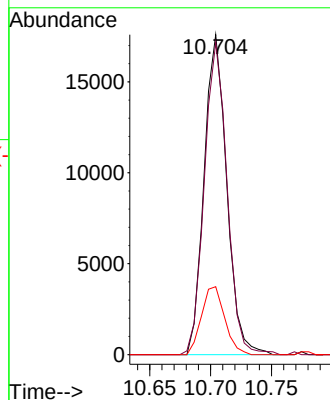
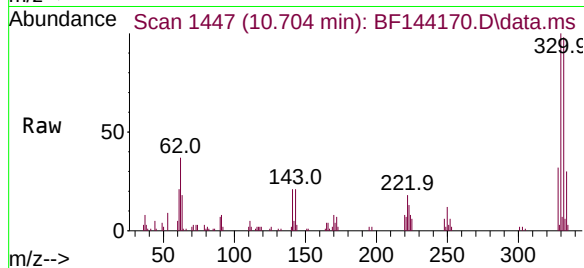
Tgt Ion: 330 Resp: 22758
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 21.8 17.8 26.8

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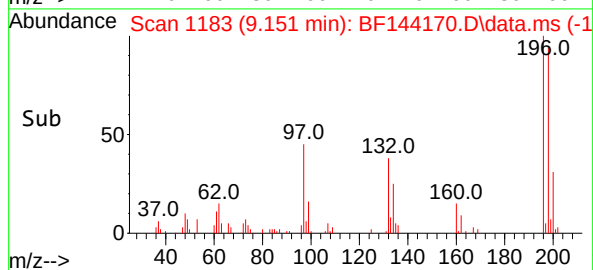
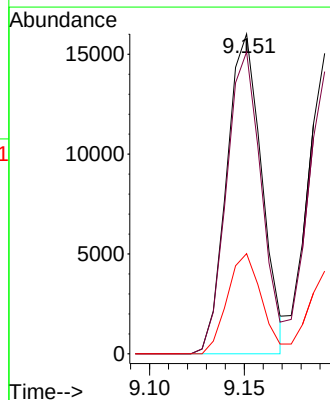
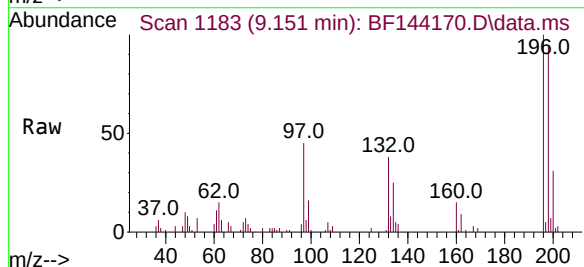
Reviewed By :Rahul Chavli 11/06/2025

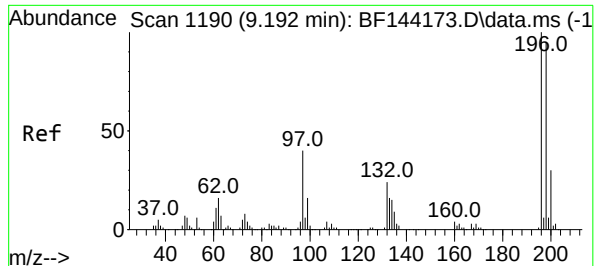
Supervised By :Jagrut Upadhyay 11/06/2025



#43
2,4,6-Trichlorophenol
Concen: 4.933 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

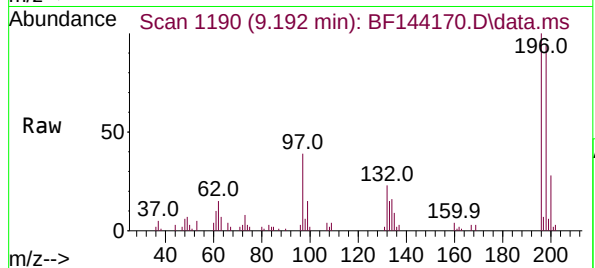
Tgt Ion: 196 Resp: 20685
Ion Ratio Lower Upper
196 100
198 94.4 75.3 112.9
200 31.3 23.4 35.2





#44
2,4,5-Trichlorophenol
Concen: 5.165 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

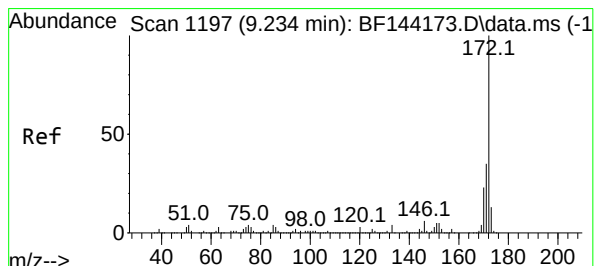
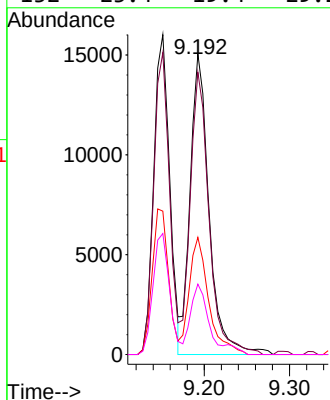
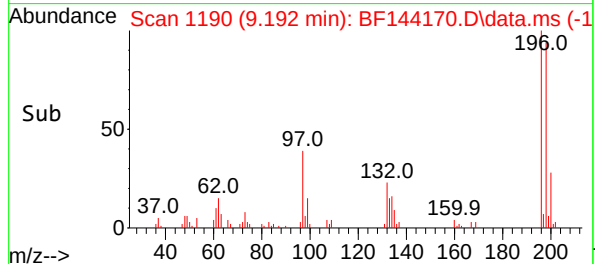
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 23346
Ion Ratio Lower Upper
196 100
198 93.9 76.1 114.1
97 39.0 31.9 47.9
132 23.4 19.4 29.2

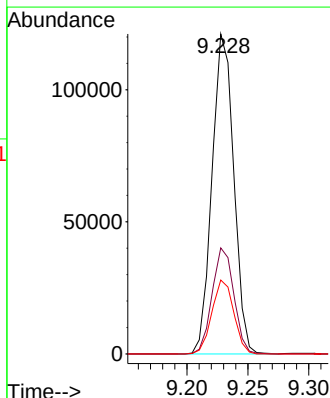
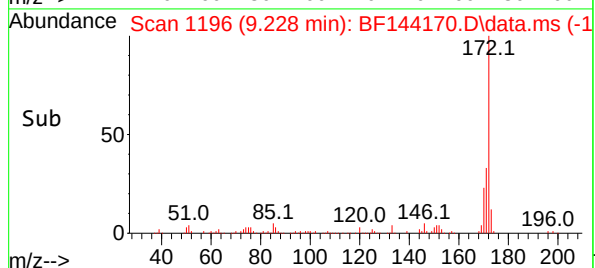
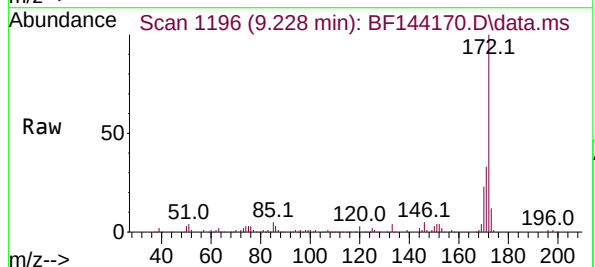
Manual Integrations
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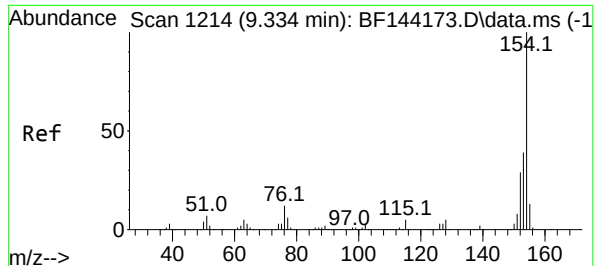
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#45
2-Fluorobiphenyl
Concen: 11.803 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:172 Resp: 150248
Ion Ratio Lower Upper
172 100
171 33.1 28.1 42.1
170 23.1 18.6 28.0





#46

1,1'-Biphenyl

Concen: 5.496 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

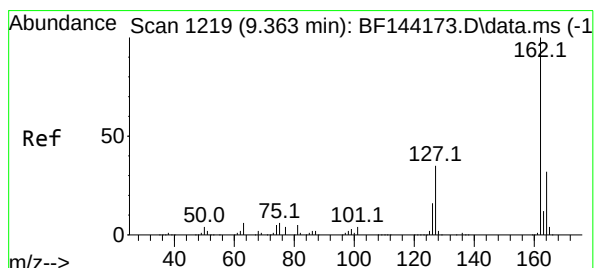
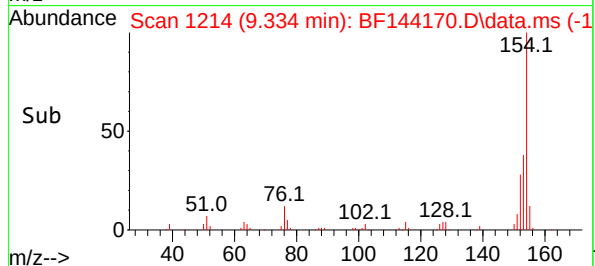
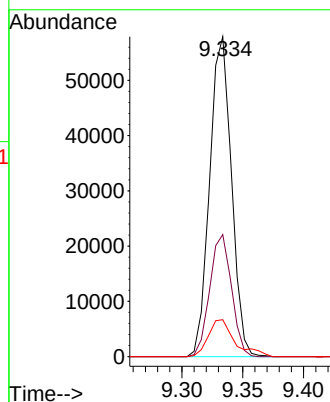
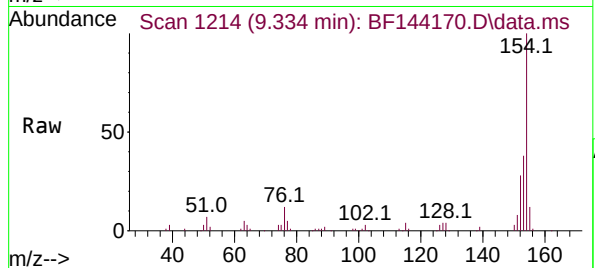
SSTDICC005

Tgt Ion:154	Resp:	7212
Ion Ratio	Lower	Upper
154	100	
153	38.1	19.2 59.2
76	11.5	0.0 31.8

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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#47

2-Chloronaphthalene

Concen: 5.470 ng

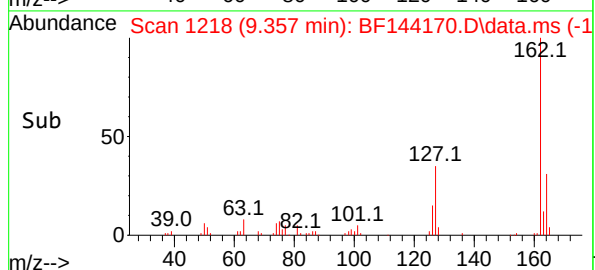
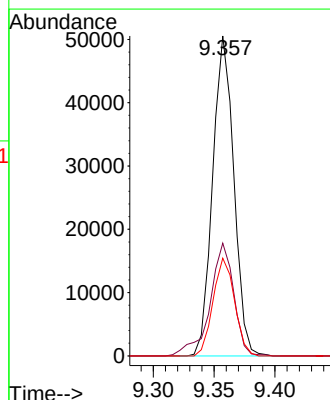
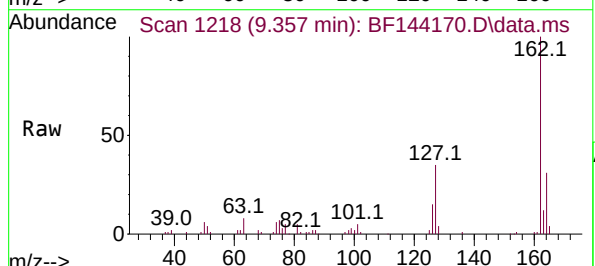
RT: 9.357 min Scan# 1218

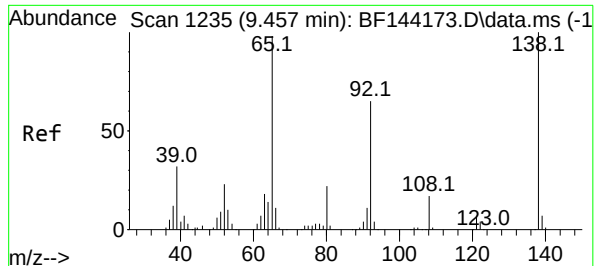
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

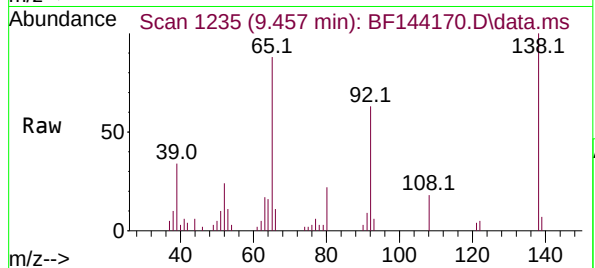
Tgt Ion:162	Resp:	61232
Ion Ratio	Lower	Upper
162	100	
127	35.2	28.8 43.2
164	30.5	25.8 38.8





#48
2-Nitroaniline
Concen: 4.399 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

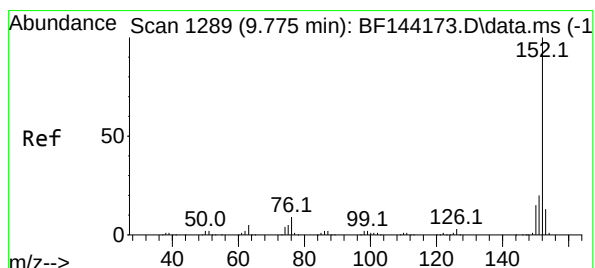
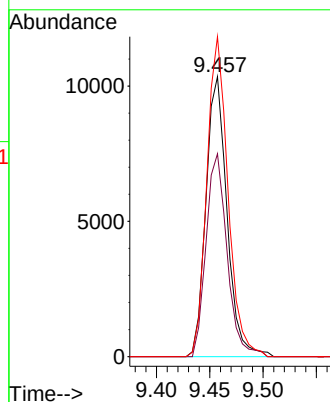
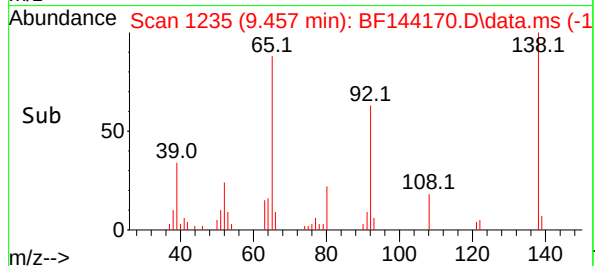
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 14208
Ion Ratio Lower Upper
65 100
92 72.4 53.0 79.6
138 114.3 81.6 122.4

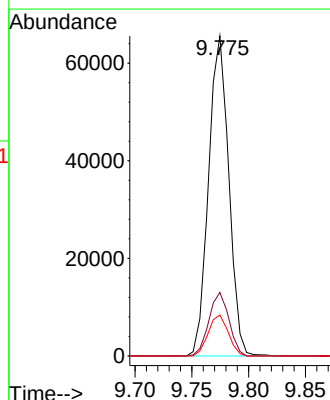
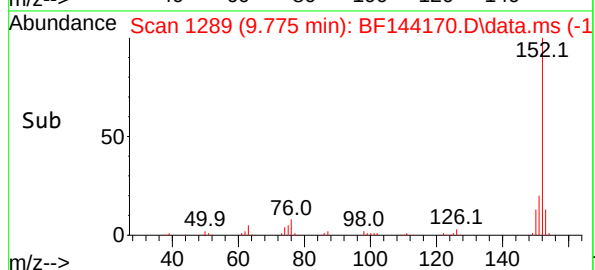
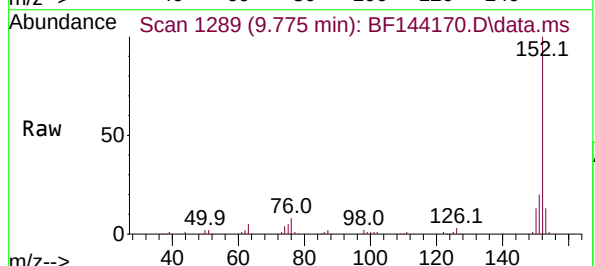
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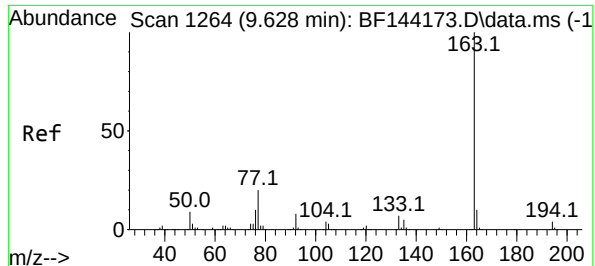
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#49
Acenaphthylene
Concen: 5.321 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

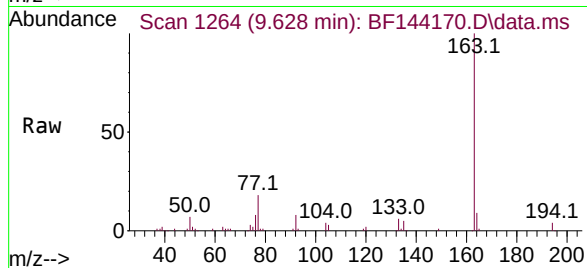
Tgt Ion:152 Resp: 81168
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.8 10.5 15.7





#50
Dimethylphthalate
Concen: 5.423 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

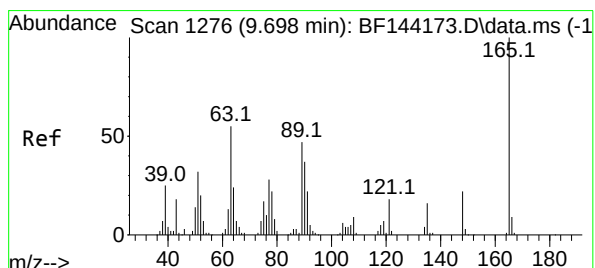
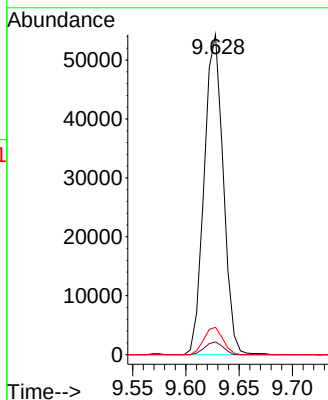
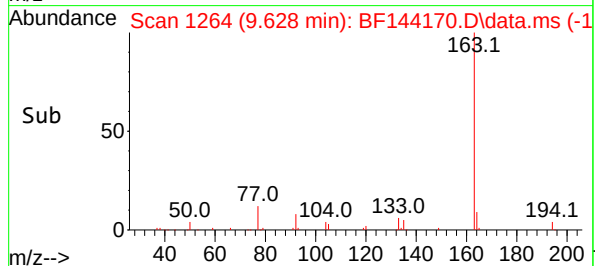
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



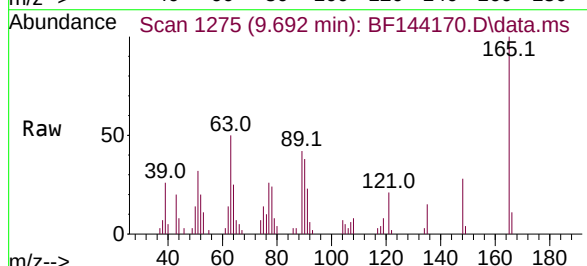
Tgt Ion:163 Resp: 67538
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 8.5 8.1 12.1

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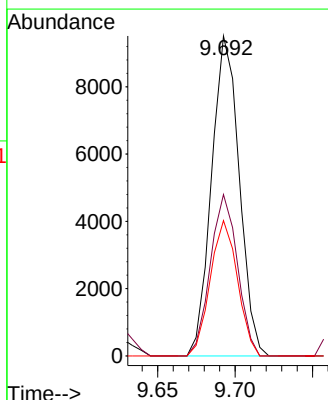
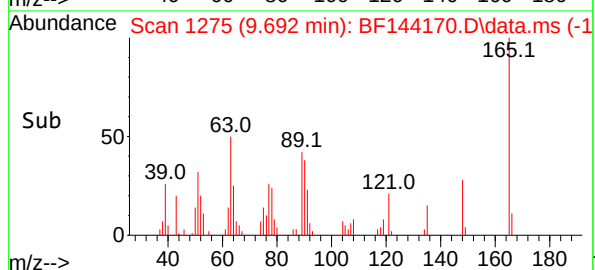
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

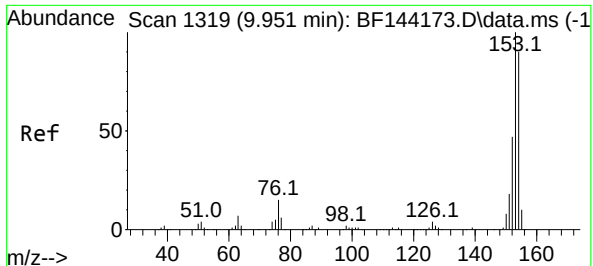


#51
2,6-Dinitrotoluene
Concen: 4.684 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:165 Resp: 11809
Ion Ratio Lower Upper
165 100
63 50.5 43.8 65.8
89 42.3 37.5 56.3





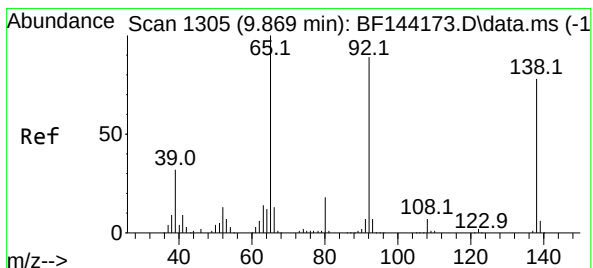
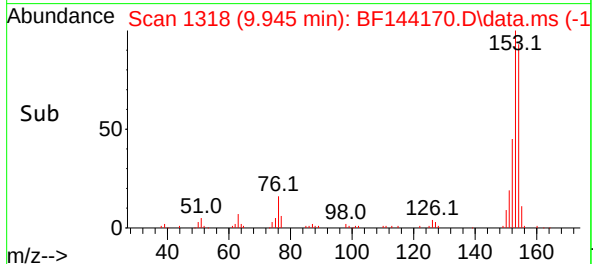
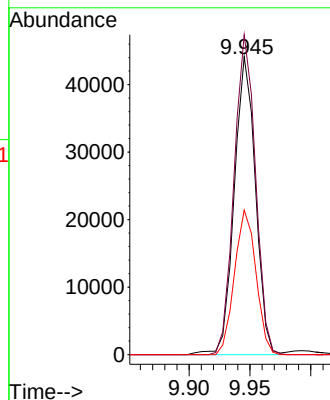
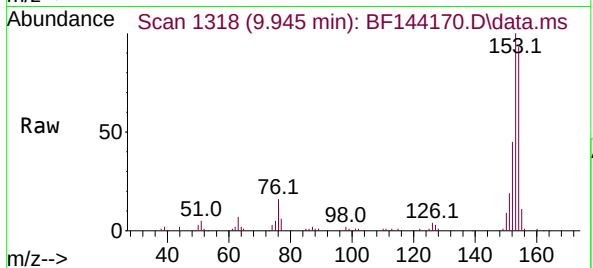
#52
Acenaphthene
Concen: 5.241 ng
RT: 9.945 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 53468
Ion Ratio Lower Upper
154 100
153 107.4 89.0 133.4
152 48.5 42.2 63.4

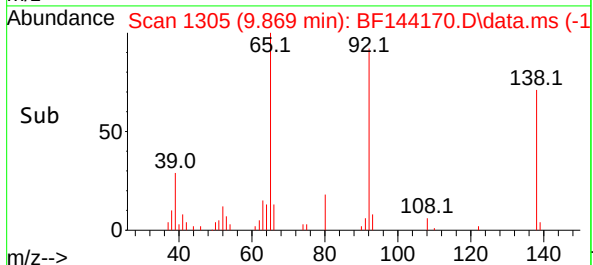
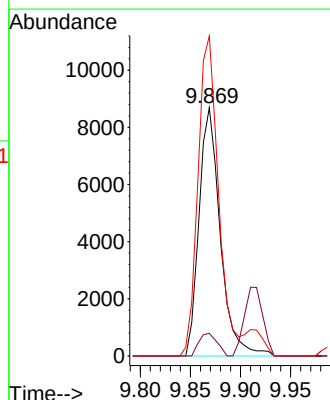
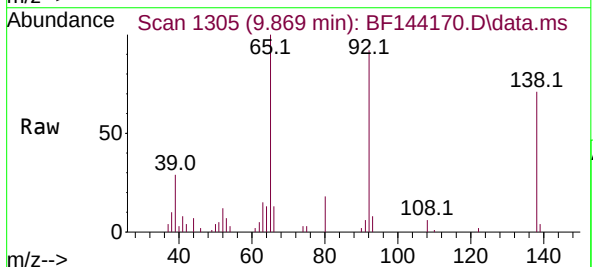
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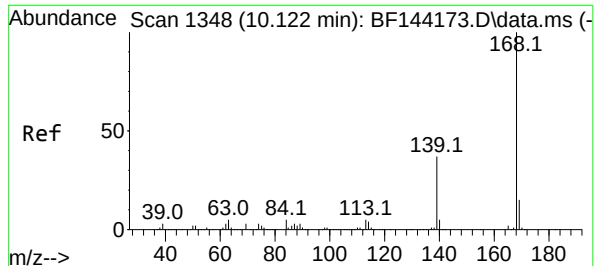
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#53
3-Nitroaniline
Concen: 4.626 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 12750
Ion Ratio Lower Upper
138 100
108 9.0 7.5 11.3
92 128.9 91.8 137.6





#55

Dibenzenofuran

Concen: 5.409 ng

RT: 10.116 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 77278

Ion Ratio Lower Upper

168 100

139 36.2 30.2 45.2

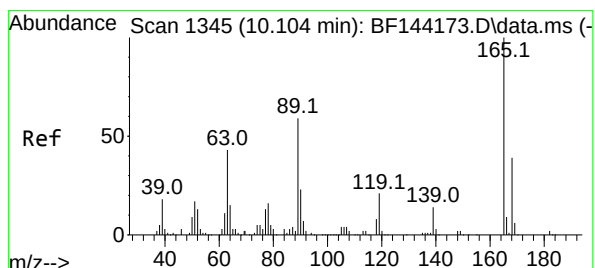
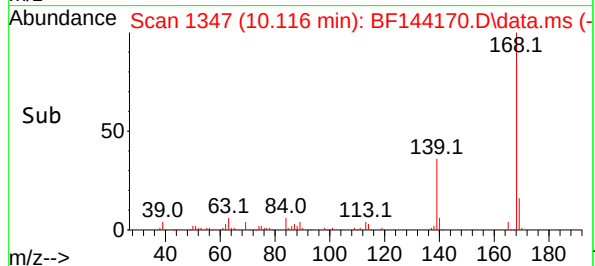
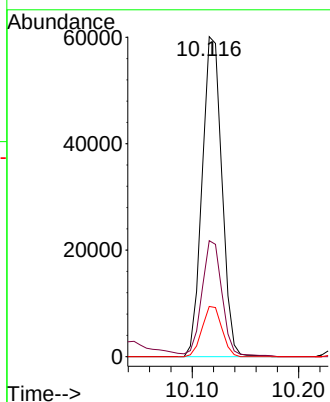
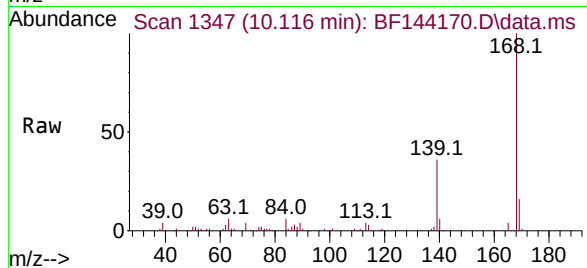
169 15.7 12.2 18.4

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#57

2,4-Dinitrotoluene

Concen: 4.485 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 15136

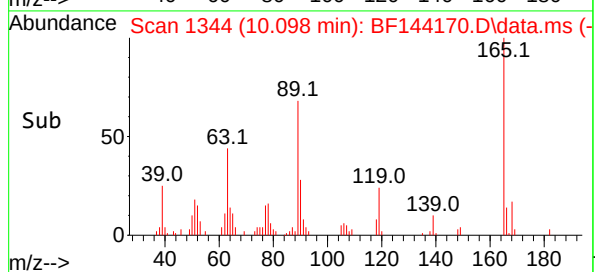
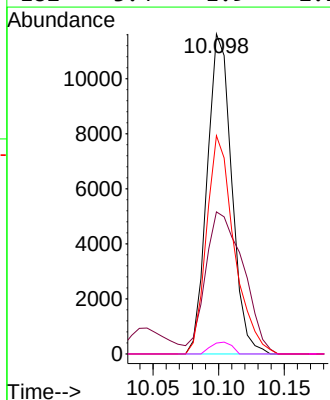
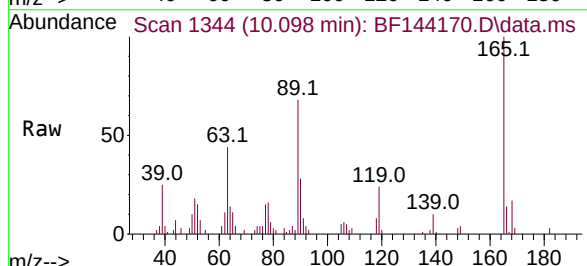
Ion Ratio Lower Upper

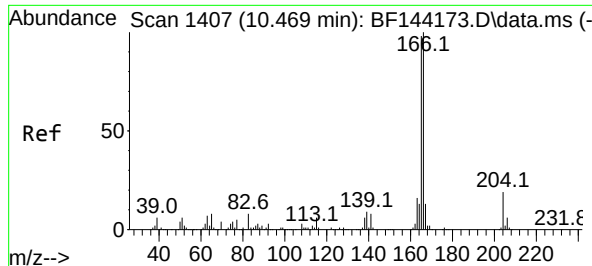
165 100

63 44.4 35.5 53.3

89 68.2 47.4 71.2

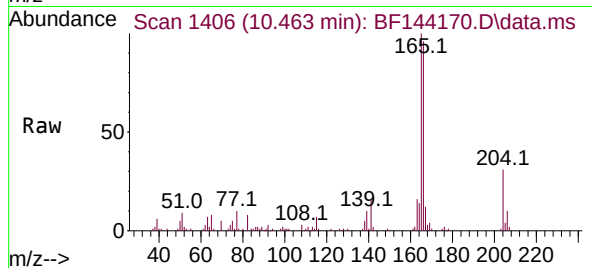
182 3.4 1.9 2.9#





#58
Fluorene
Concen: 5.605 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

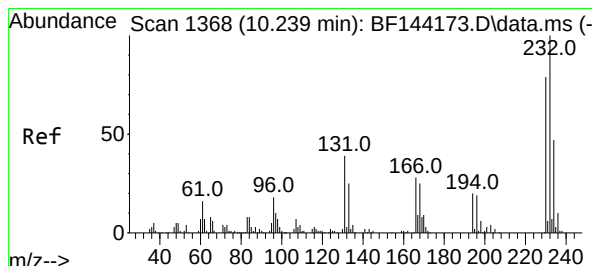
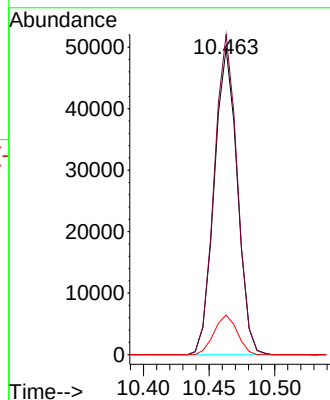
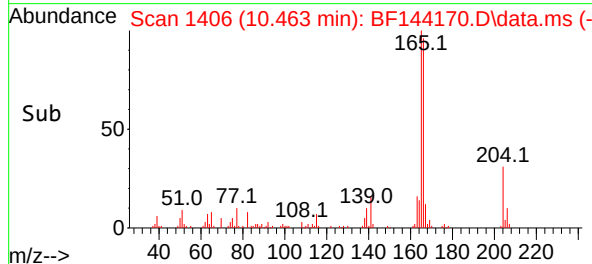
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 60881
Ion Ratio Lower Upper
166 100
165 104.5 78.6 118.0
167 12.9 10.4 15.6

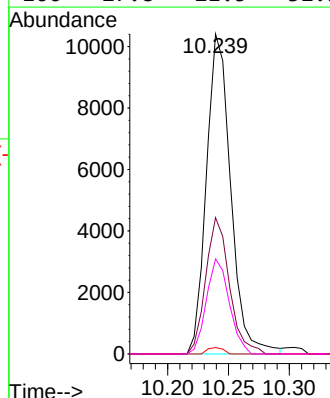
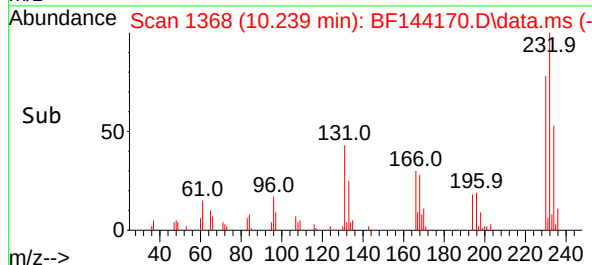
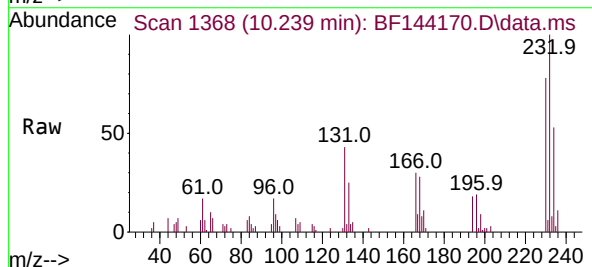
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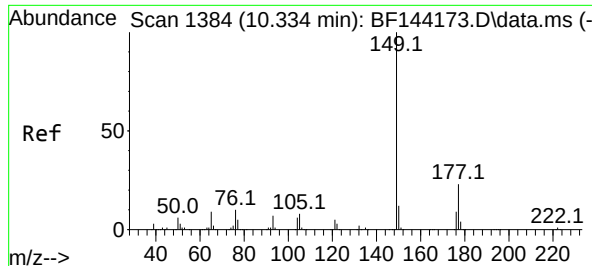
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

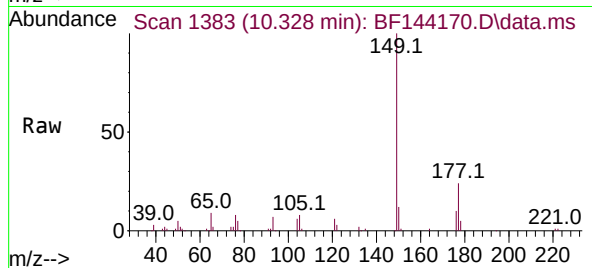
Tgt Ion:232 Resp: 14470
Ion Ratio Lower Upper
232 100
131 41.4 30.3 45.5
130 1.3 1.2 1.8
166 27.8 21.5 32.3





#60
Diethylphthalate
Concen: 5.297 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

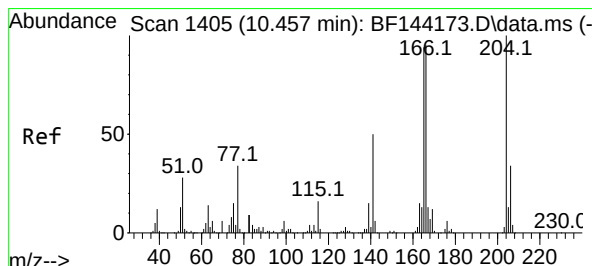
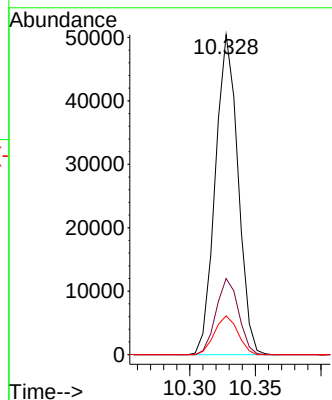
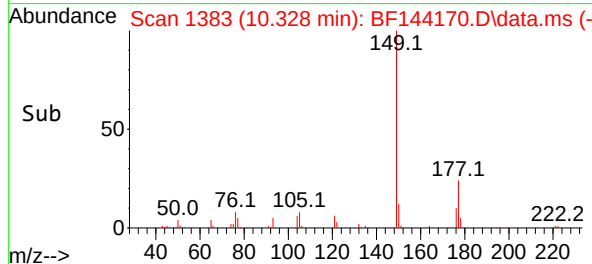
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



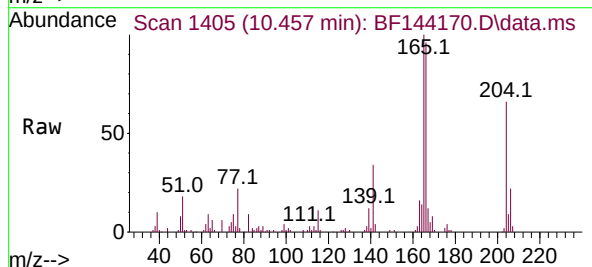
Tgt Ion:149 Resp: 60815
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.1 9.8 14.6

Manual Integrations
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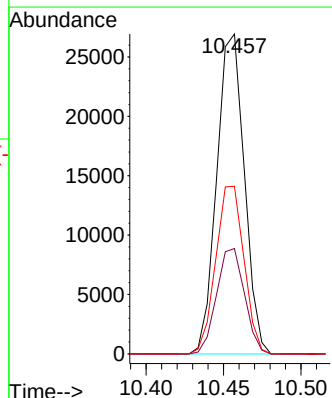
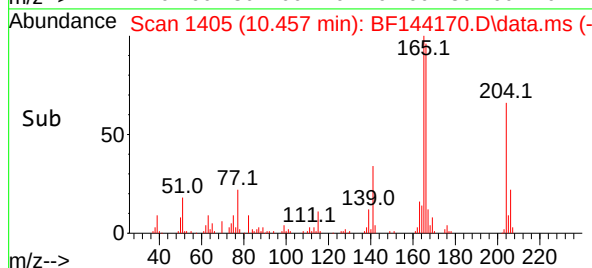
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

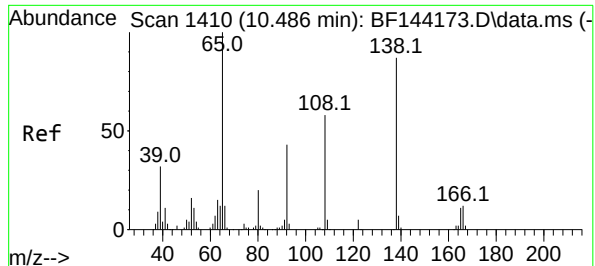


#61
4-Chlorophenyl-phenylether
Concen: 5.401 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



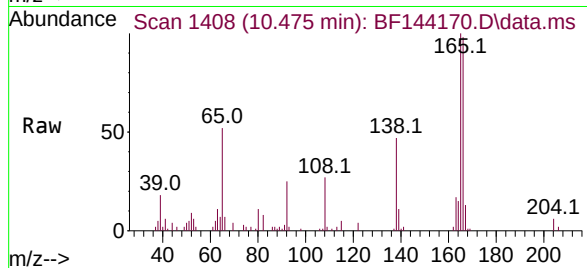
Tgt Ion:204 Resp: 33416
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 52.4 40.0 60.0





#62
4-Nitroaniline
Concen: 4.895 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

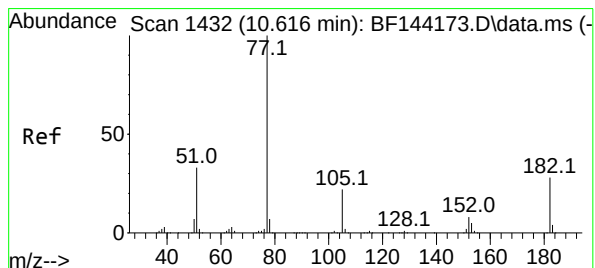
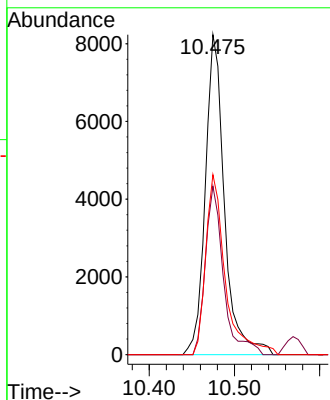
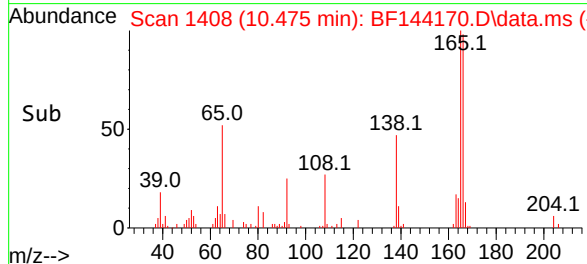
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1284
Ion Ratio Lower Upper
138 100
92 52.6 29.4 69.4
108 56.2 46.4 86.4

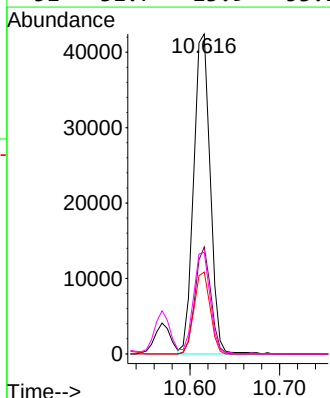
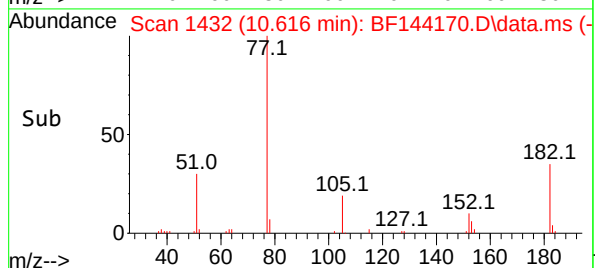
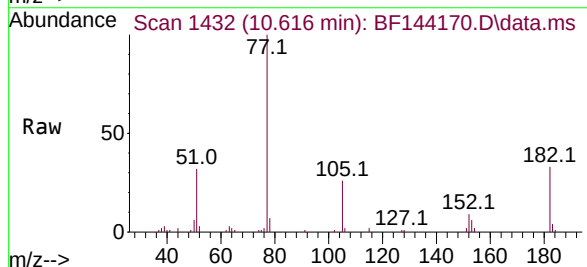
Manual Integrations
APPROVED

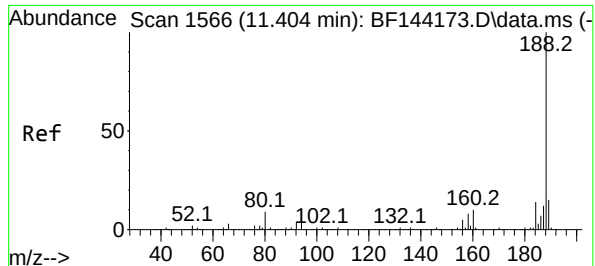
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#63
Azobenzene
Concen: 5.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

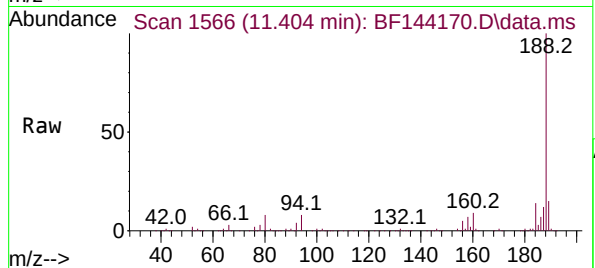
Tgt Ion: 77 Resp: 54383
Ion Ratio Lower Upper
77 100
182 33.4 8.1 48.1
105 25.6 2.0 42.0
51 31.7 13.9 53.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

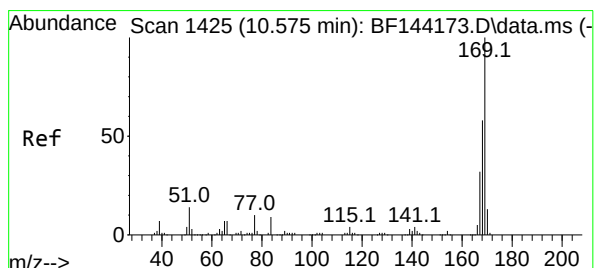
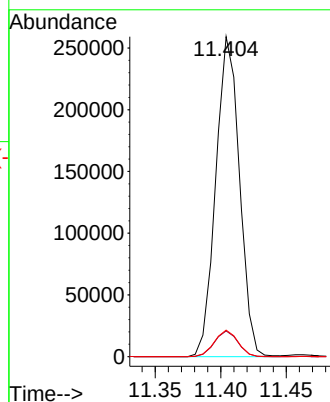
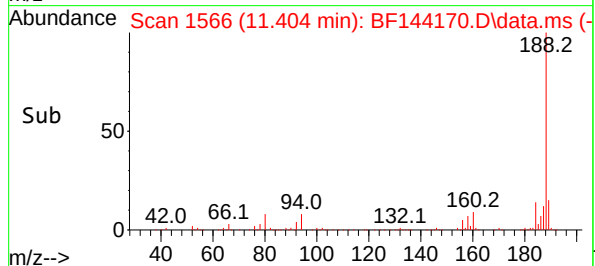
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 32656
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 8.3 6.9 10.3

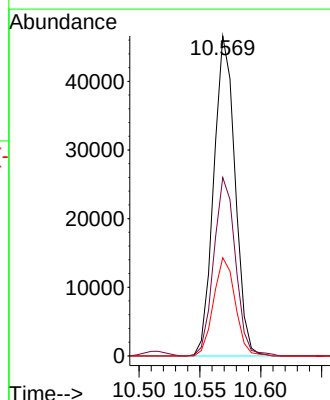
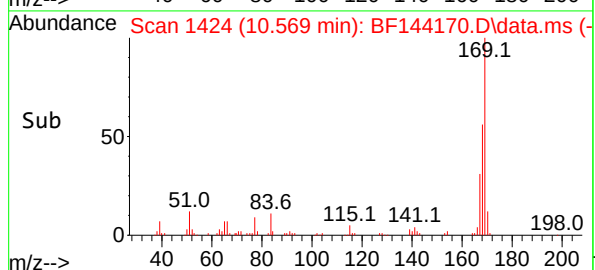
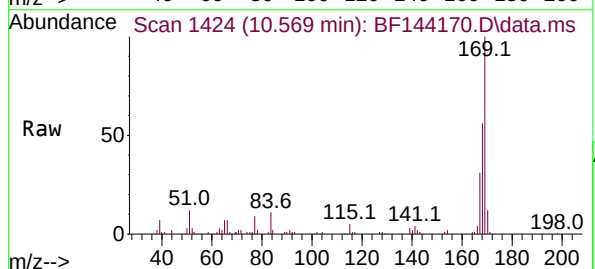
Manual Integrations
APPROVED

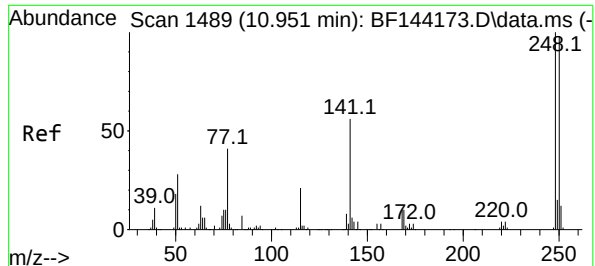
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 5.401 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

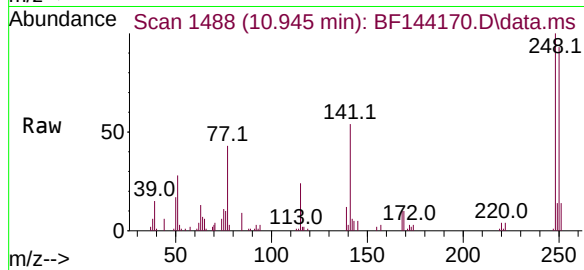
Tgt Ion:169 Resp: 56733
Ion Ratio Lower Upper
169 100
168 55.7 46.2 69.2
167 30.7 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 5.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

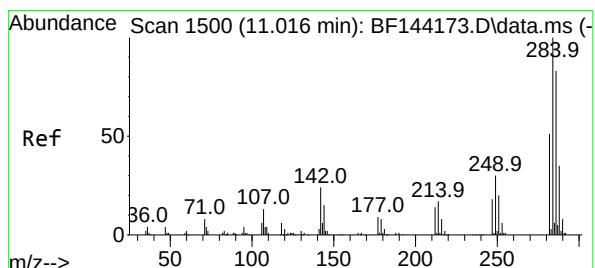
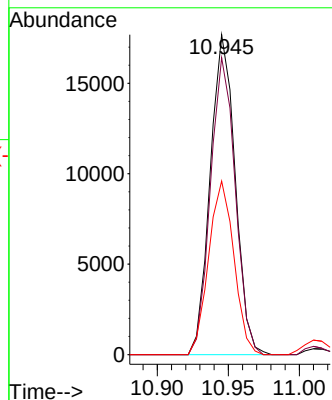
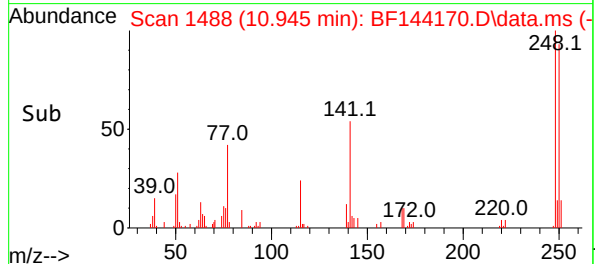
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



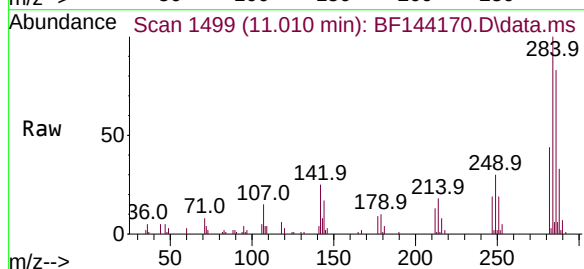
Tgt Ion:248 Resp: 2154
Ion Ratio Lower Upper
248 100
250 92.8 78.4 117.6
141 54.2 45.1 67.7

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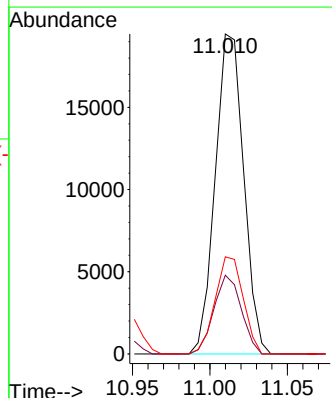
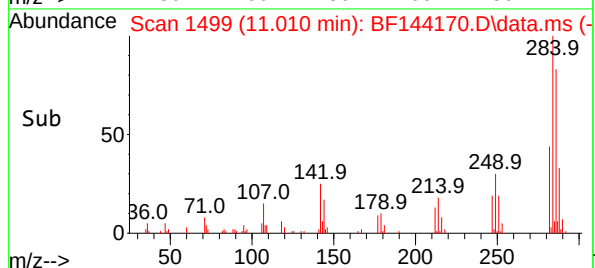
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

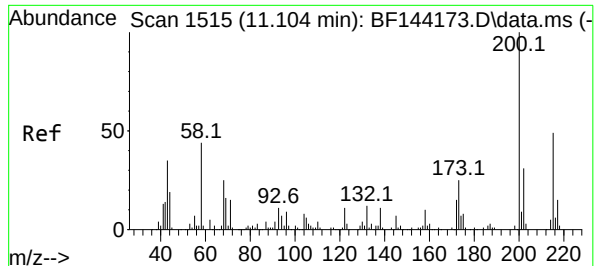


#68
Hexachlorobenzene
Concen: 5.082 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:284 Resp: 24951
Ion Ratio Lower Upper
284 100
142 24.6 19.2 28.8
249 30.3 23.8 35.8





#69

Atrazine

Concen: 5.253 ng

RT: 11.098 min Scan# 1515

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 17546

Ion Ratio Lower Upper

200 100

173 29.3 5.0 45.0

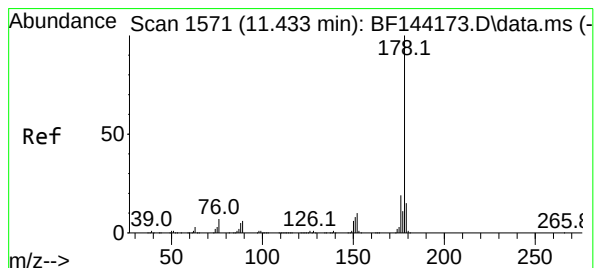
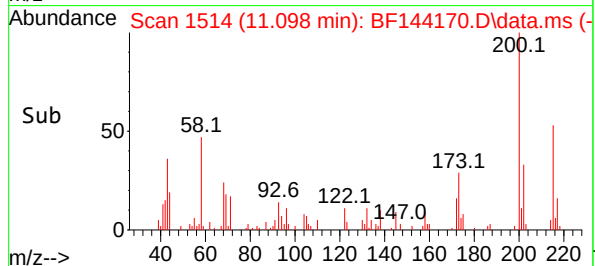
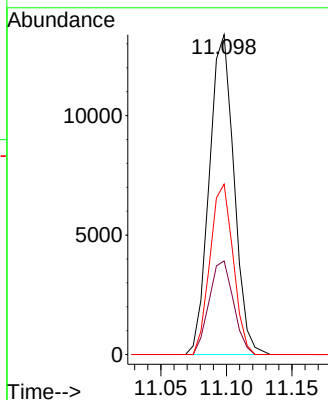
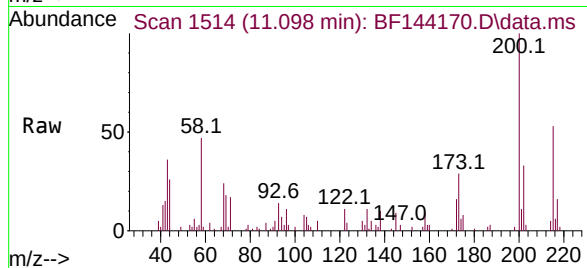
215 53.3 28.7 68.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#71

Phenanthrene

Concen: 5.537 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

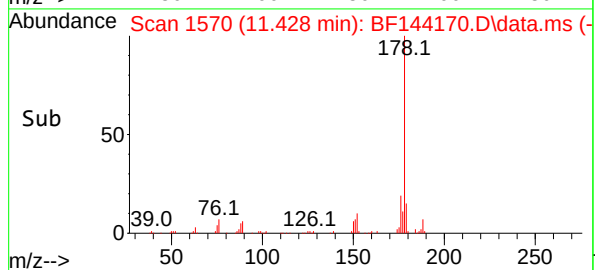
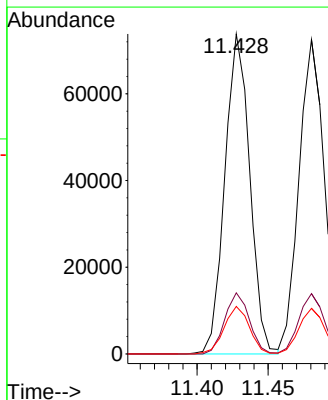
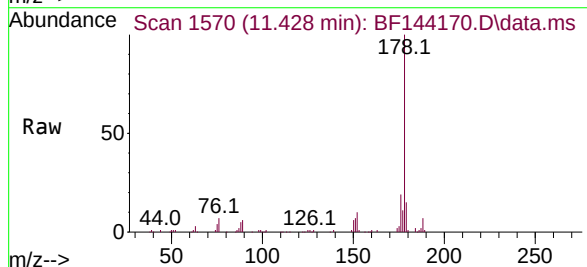
Tgt Ion:178 Resp: 90035

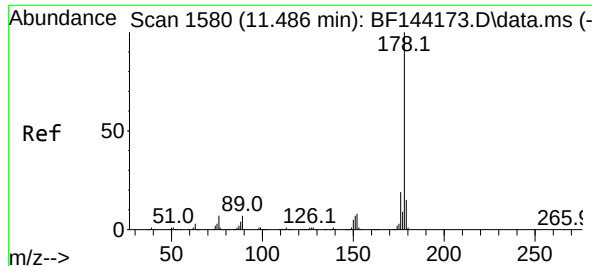
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 14.8 12.2 18.4





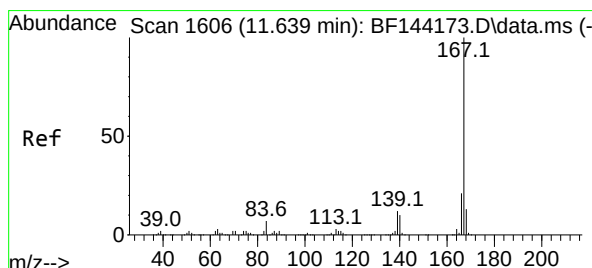
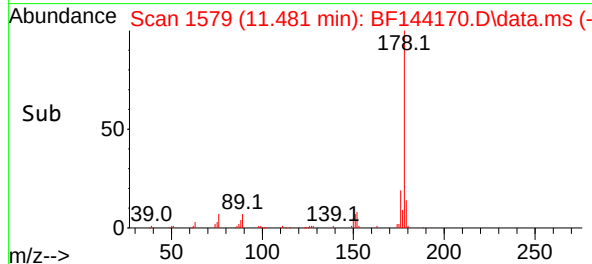
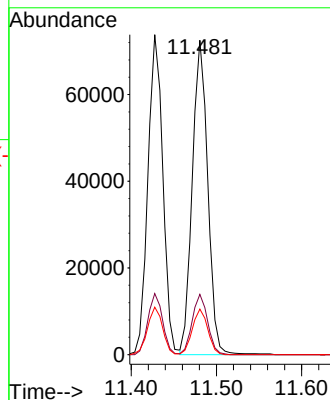
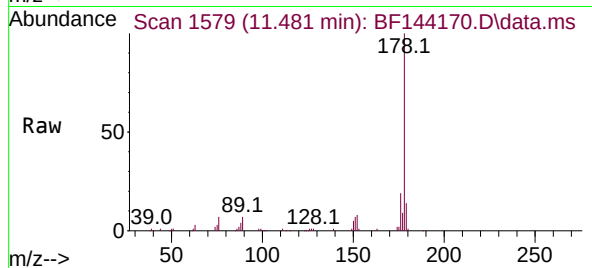
#72
Anthracene
Concen: 5.529 ng
RT: 11.481 min Scan# 11416
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 91416
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.5 12.0 18.0

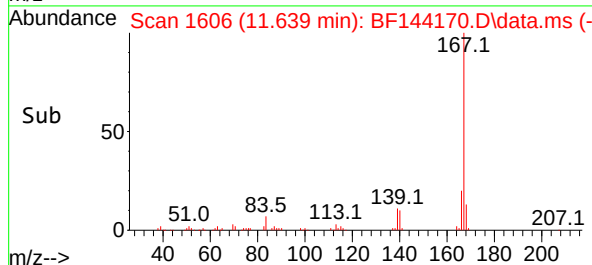
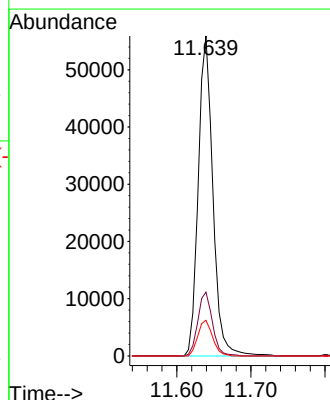
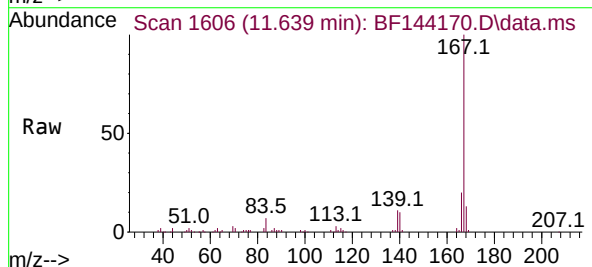
Manual Integrations
APPROVED

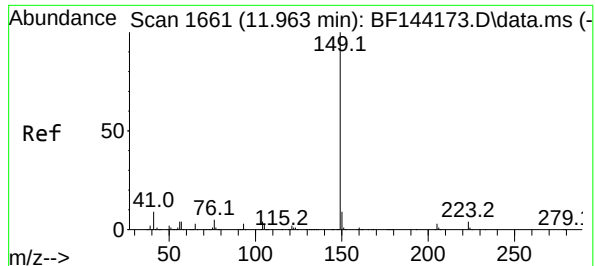
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#73
Carbazole
Concen: 5.449 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

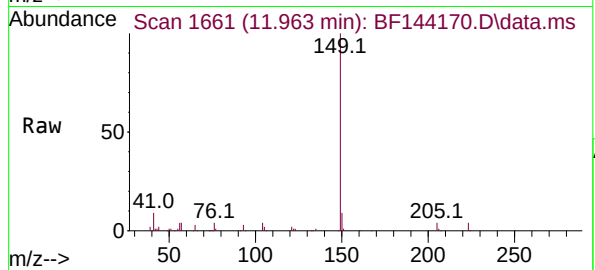
Tgt Ion:167 Resp: 76605
Ion Ratio Lower Upper
167 100
166 19.9 17.2 25.8
139 11.1 9.9 14.9





#74
Di-n-butylphthalate
Concen: 5.163 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

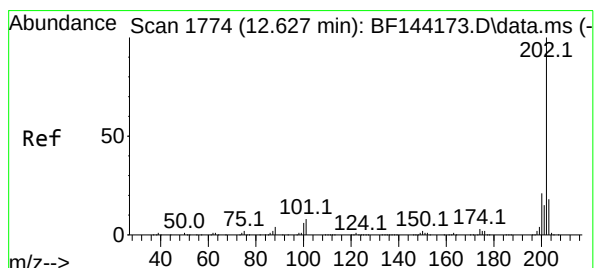
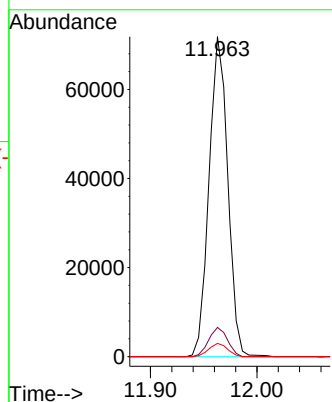
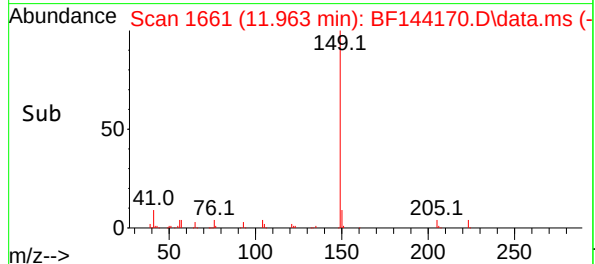
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



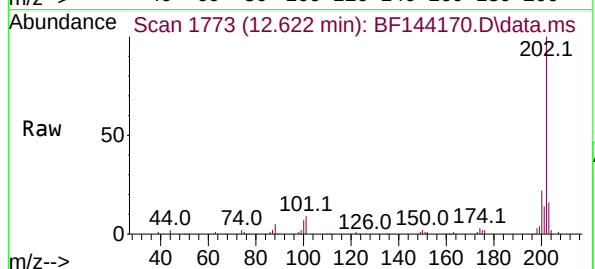
Tgt Ion:149 Resp: 8775
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.1 3.4 5.2

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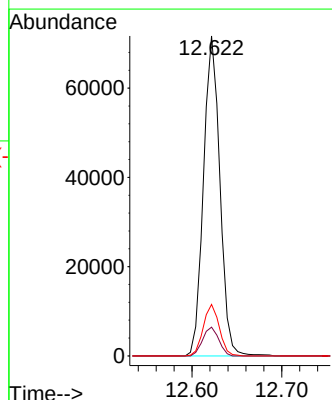
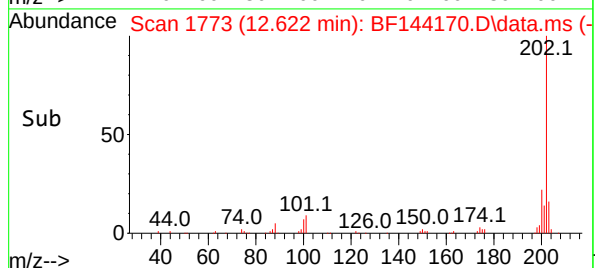
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

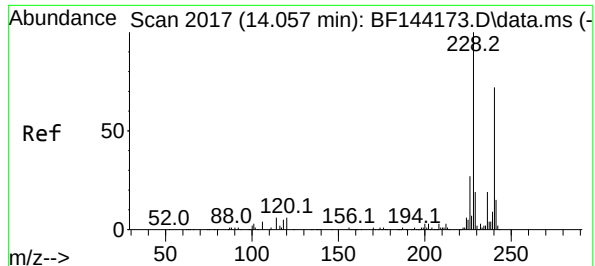


#75
Fluoranthene
Concen: 5.430 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:202 Resp: 91198
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 16.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 215706

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

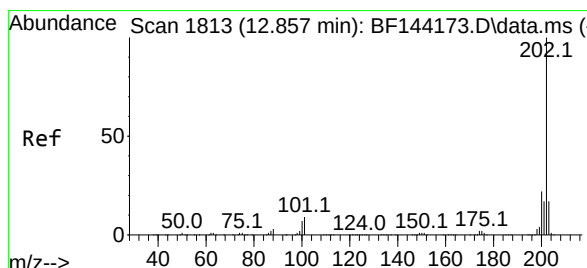
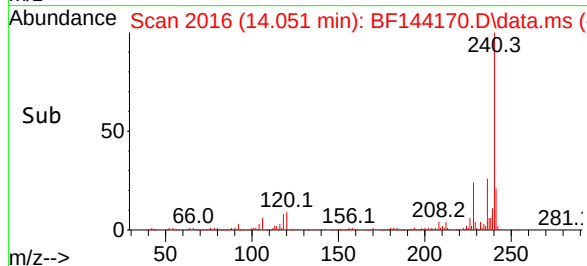
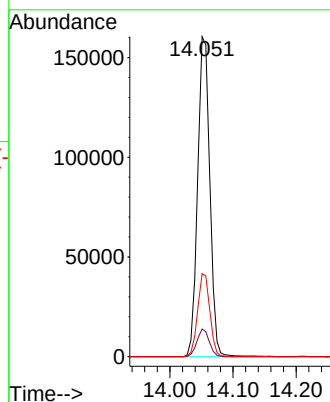
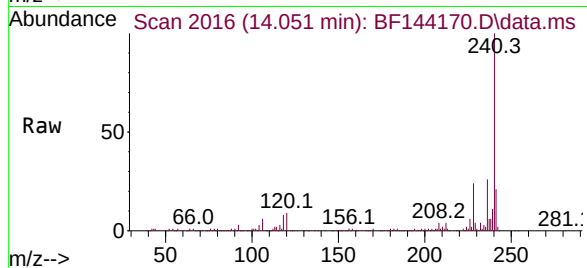
236 25.9 21.4 32.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#78

Pyrene

Concen: 5.465 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

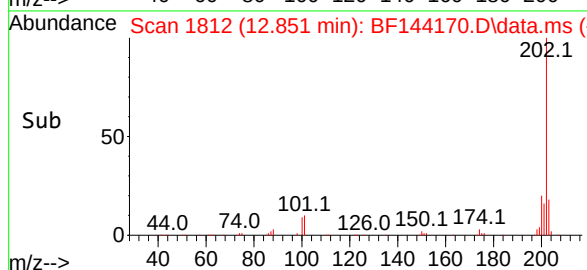
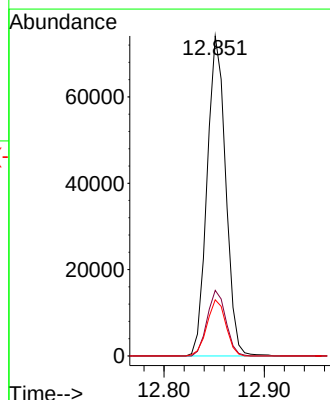
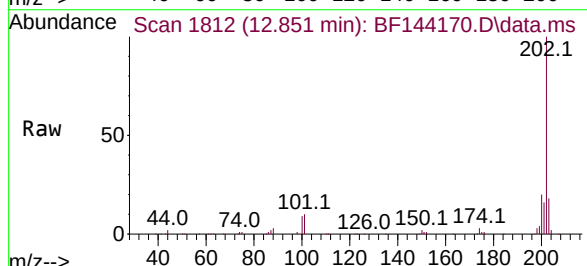
Tgt Ion:202 Resp: 95053

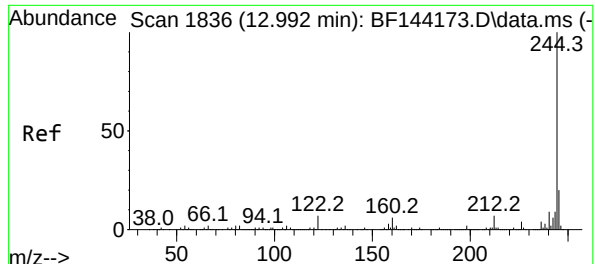
Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 11.145 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144170.D

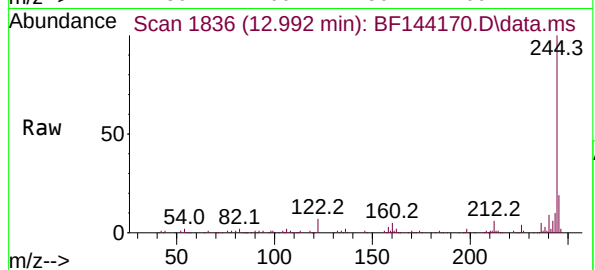
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:244 Resp: 15134

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

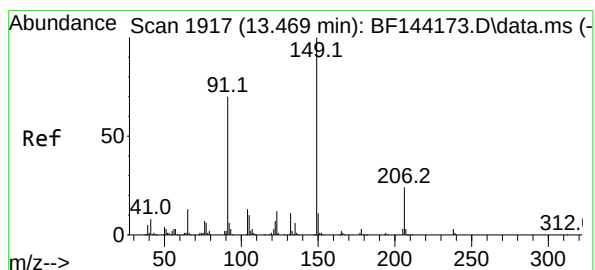
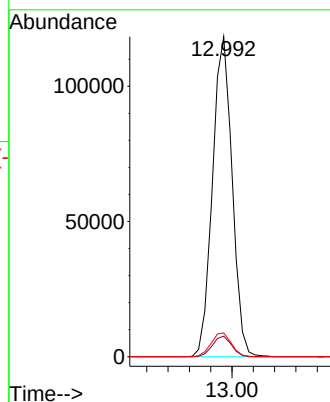
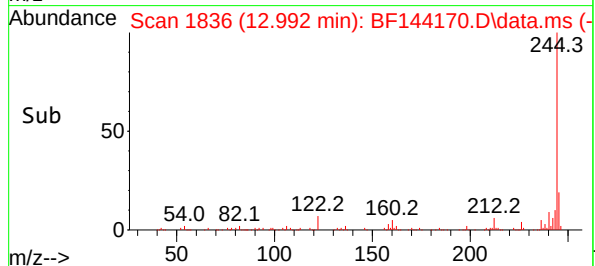
122 7.4 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#80

Butylbenzylphthalate

Concen: 5.056 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

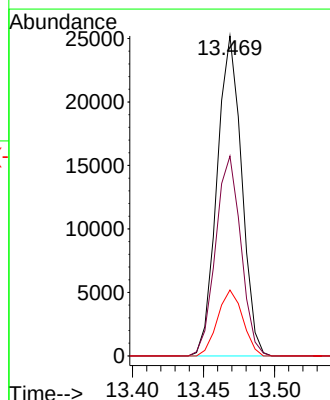
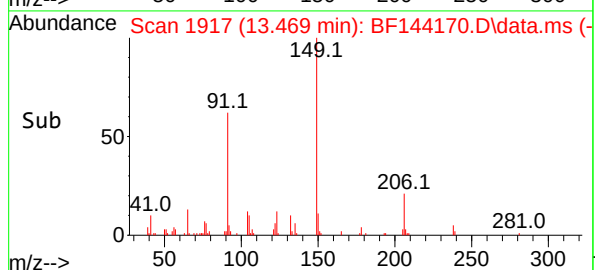
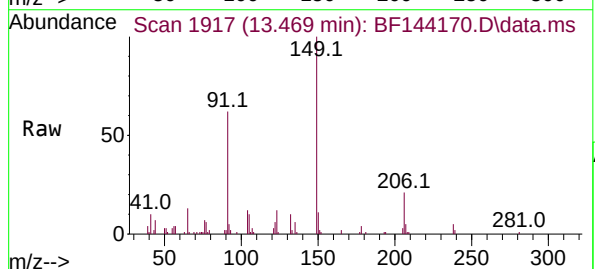
Tgt Ion:149 Resp: 30478

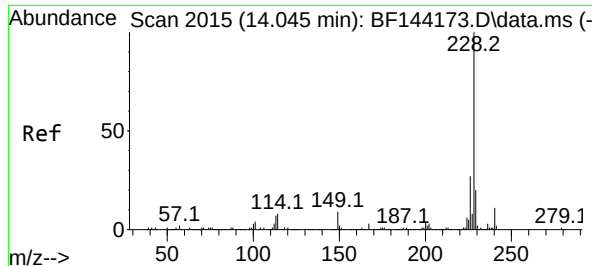
Ion Ratio Lower Upper

149 100

91 62.4 56.1 84.1

206 20.6 18.8 28.2





#81

Benzo(a)anthracene

Concen: 5.249 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144170.D

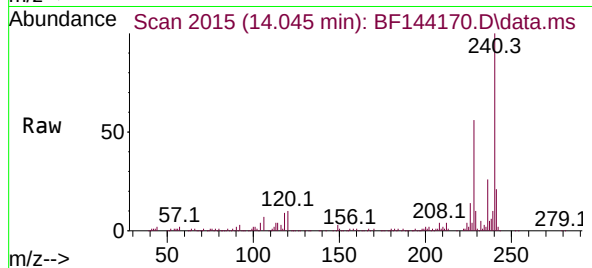
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:228 Resp: 78472

Ion Ratio Lower Upper

228 100

226 25.0 21.8 32.8

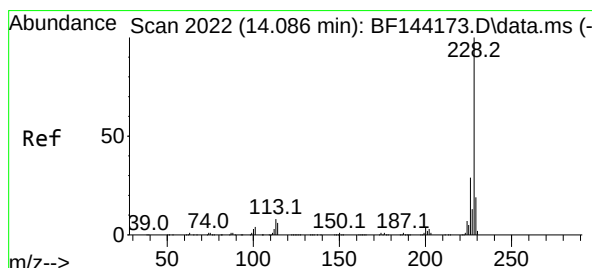
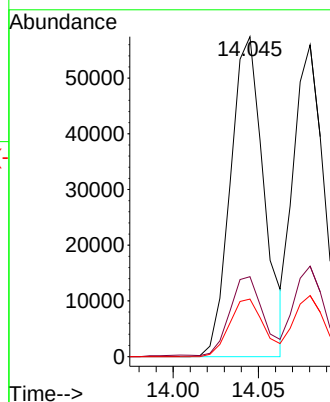
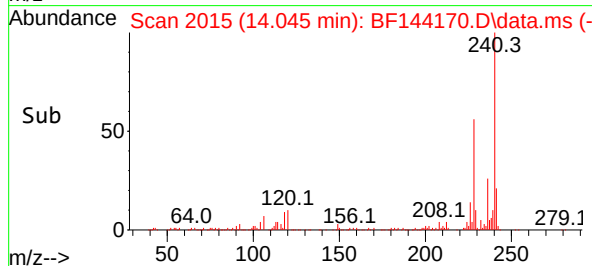
229 18.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#83

Chrysene

Concen: 4.986 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

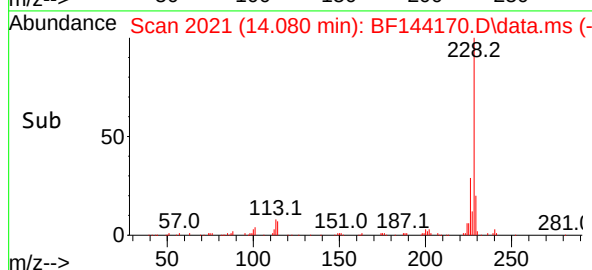
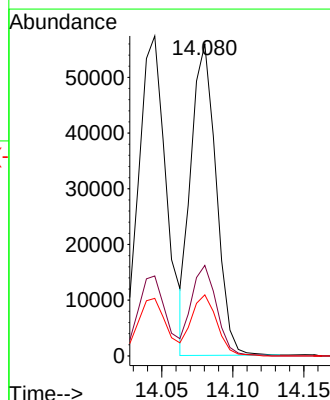
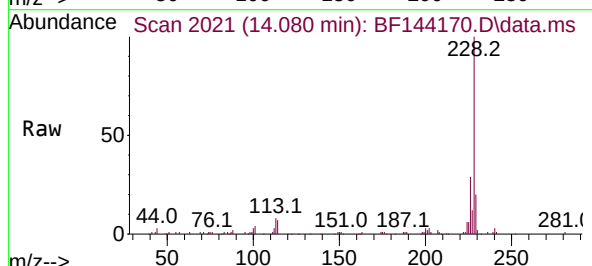
Tgt Ion:228 Resp: 68808

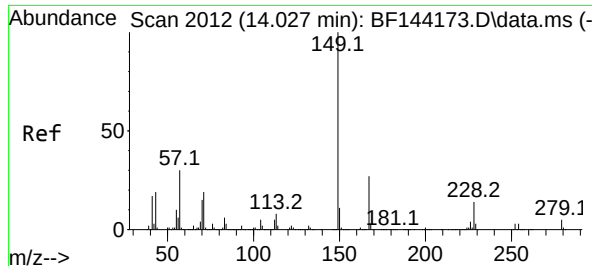
Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

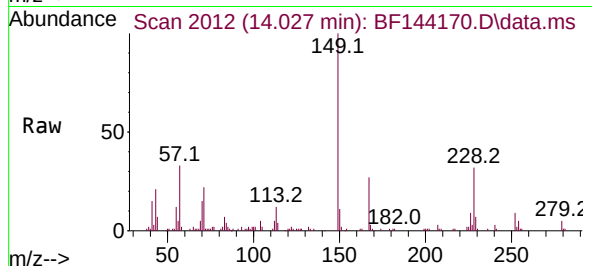
229 19.6 15.0 22.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

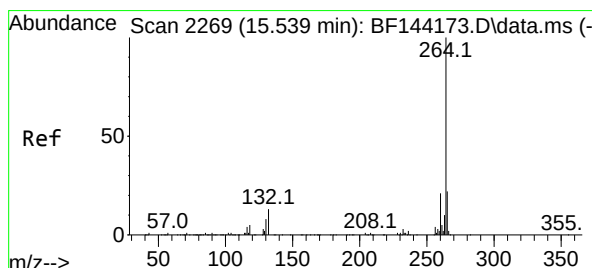
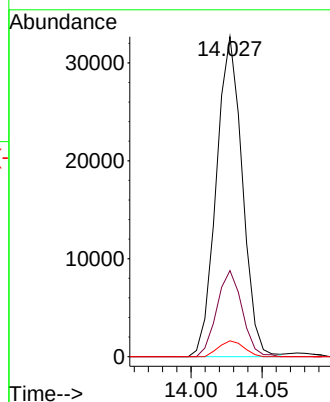
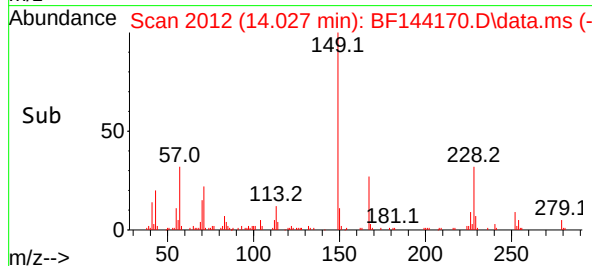
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 41706
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.9 3.7 5.5

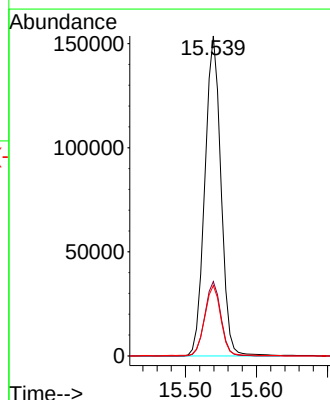
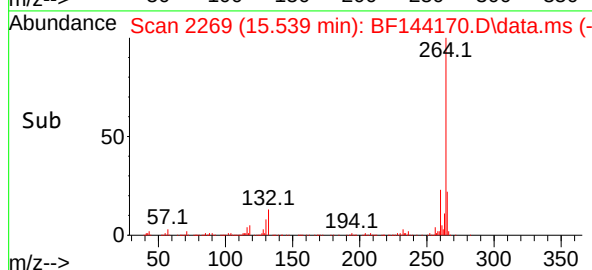
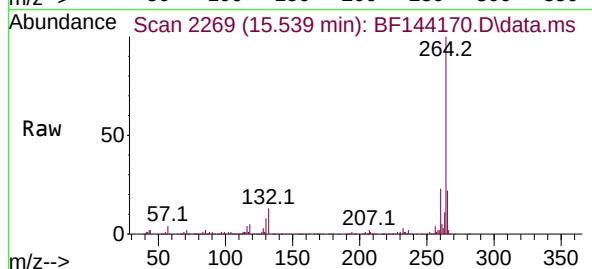
Manual Integrations
APPROVED

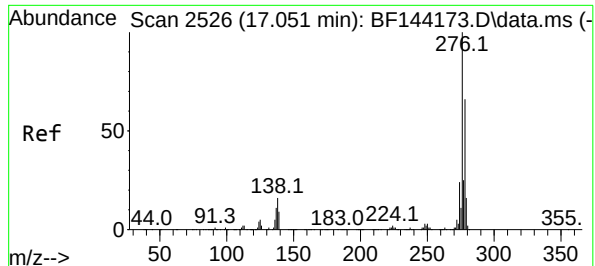
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

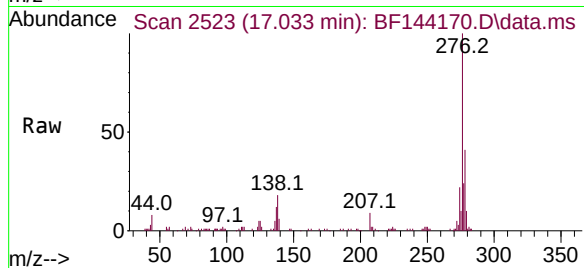
Tgt Ion:264 Resp: 241361
Ion Ratio Lower Upper
264 100
260 23.2 17.1 25.7
265 22.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.049 ng
RT: 17.033 min Scan# 2194
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

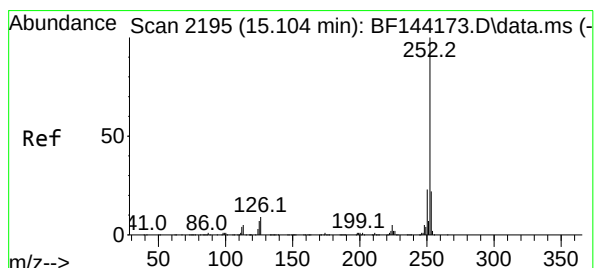
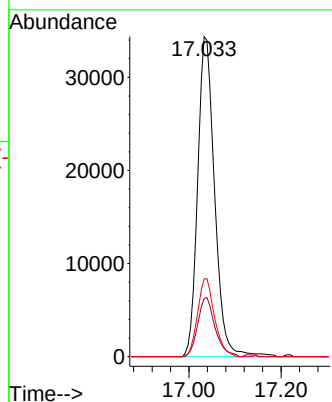
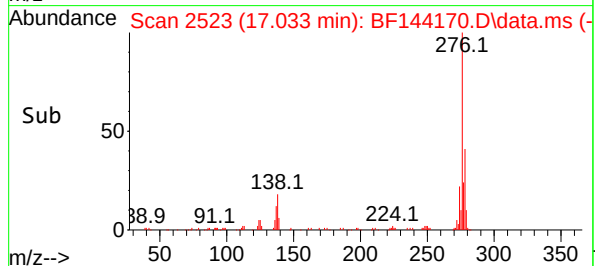
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:276 Resp: 87482
Ion Ratio Lower Upper
276 100
138 18.9 13.9 20.9
277 24.2 19.8 29.6

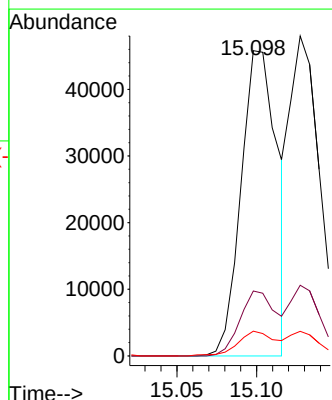
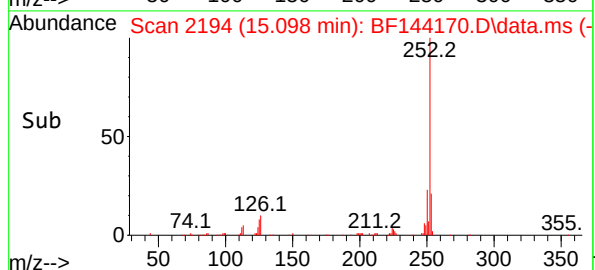
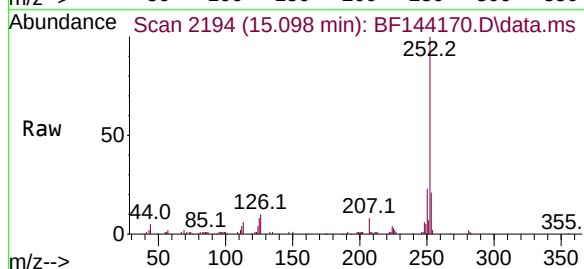
Manual Integrations
APPROVED

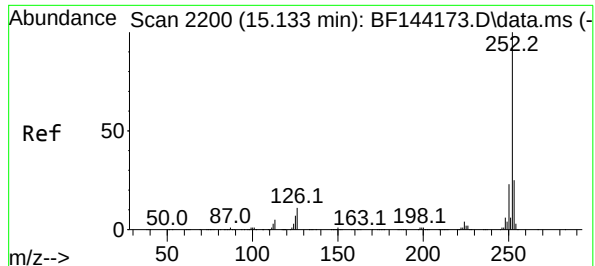
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#88
Benzo(b)fluoranthene
Concen: 5.273 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 72360
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 8.1 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 5.060 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

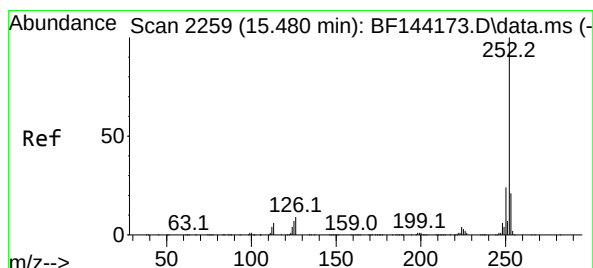
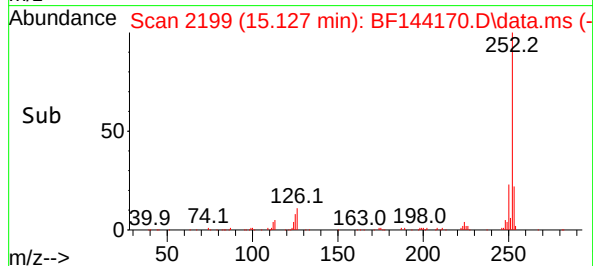
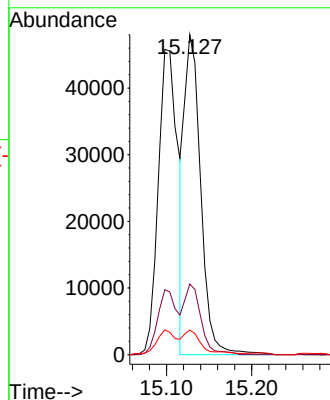
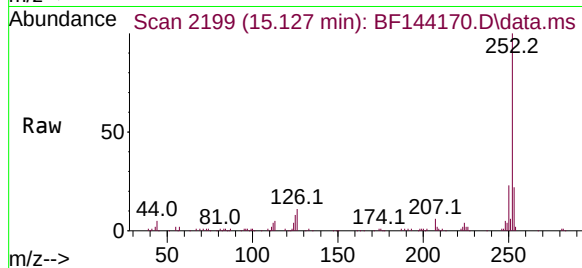
SSTDICC005

Tgt Ion:252 Resp: 64984
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 7.7 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 5.071 ng

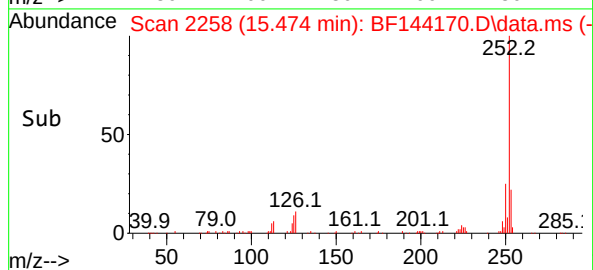
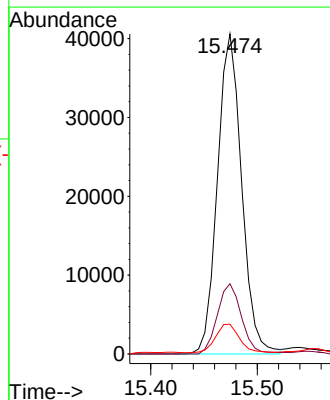
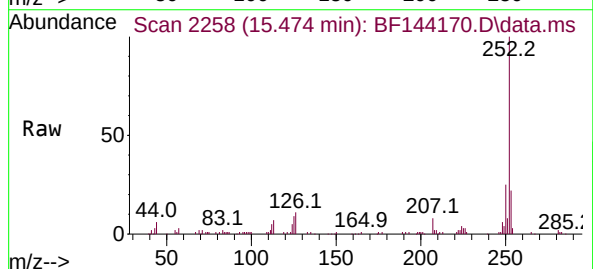
RT: 15.474 min Scan# 2258

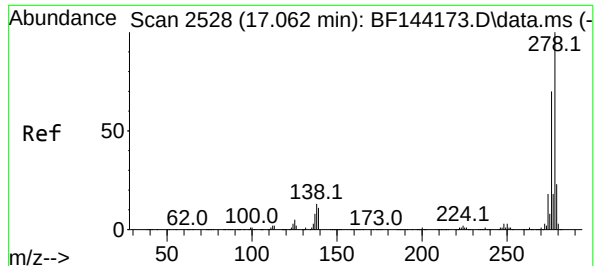
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 64190
Ion Ratio Lower Upper
252 100
253 21.9 16.7 25.1
125 9.3 5.7 8.5





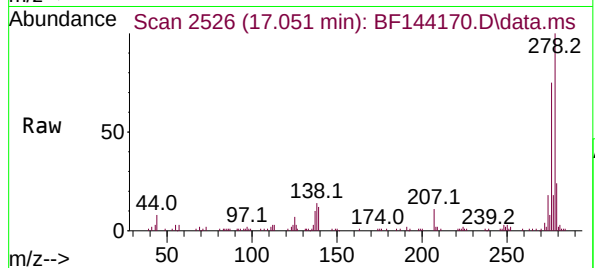
#91
Dibenzo(a,h)anthracene
Concen: 5.010 ng
RT: 17.051 min Scan# 2528
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

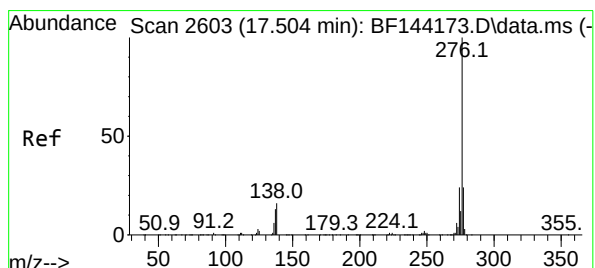
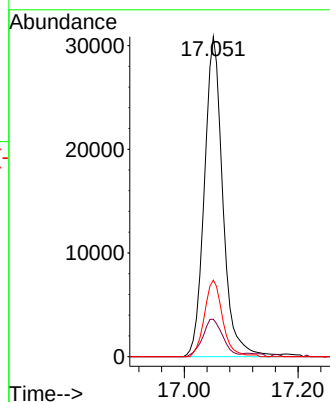
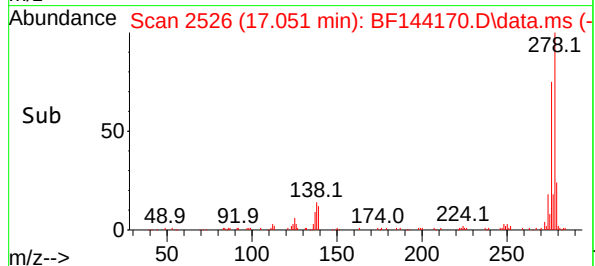


Tgt Ion:278 Resp: 69714
Ion Ratio Lower Upper
278 100
139 11.7 9.1 13.7
279 23.9 18.2 27.4

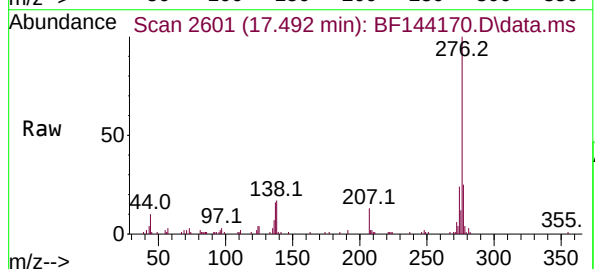
Manual Integrations

APPROVED

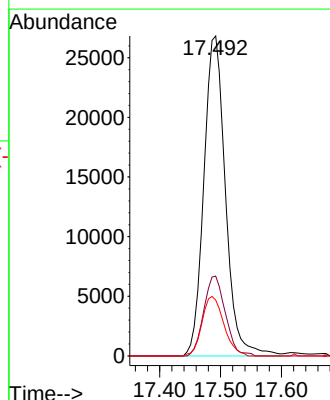
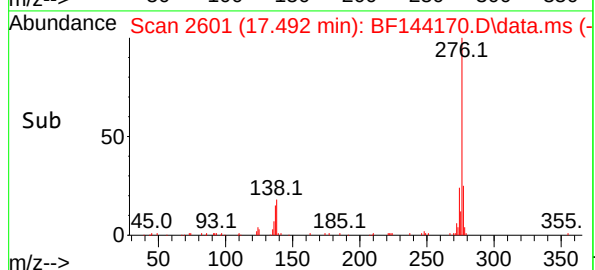
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#92
Benzo(g,h,i)perylene
Concen: 4.810 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:276 Resp: 66099
Ion Ratio Lower Upper
276 100
277 24.9 19.0 28.4
138 17.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 05 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438512	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	261107	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	469428	20.000	ng	0.00
76) Chrysene-d12	14.057	240	296506	20.000	ng	0.00
86) Perylene-d12	15.539	264	311371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	146731	20.391	ng	0.00
7) Phenol-d6	6.498	99	170929	20.963	ng	-0.01
23) Nitrobenzene-d5	7.434	82	154488	20.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	66981	20.442	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372845	21.090	ng	-0.01
79) Terphenyl-d14	12.992	244	419548	22.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	27411	9.214	ng	97
3) Pyridine	3.393	79	79148	9.536	ng	99
4) n-Nitrosodimethylamine	3.322	42	40456	9.331	ng	95
6) Aniline	6.534	93	122118	10.512	ng	98
8) 2-Chlorophenol	6.657	128	73729	10.448	ng	99
9) Benzaldehyde	6.422	77	58146	12.629	ng	98
10) Phenol	6.510	94	106765	10.717	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	75075	10.342	ng	98
12) 1,3-Dichlorobenzene	6.816	146	88594	10.174	ng	98
13) 1,4-Dichlorobenzene	6.893	146	87984	10.085	ng	96
14) 1,2-Dichlorobenzene	7.045	146	84997	10.165	ng	98
15) Benzyl Alcohol	7.010	79	64160	9.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	139062	10.403	ng	97
17) 2-Methylphenol	7.122	107	59368	10.575	ng	98
18) Hexachloroethane	7.387	117	28876	9.963	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	57621	10.735	ng	98
20) 3+4-Methylphenols	7.275	107	74874	11.314	ng	96
22) Acetophenone	7.281	105	101777	10.819	ng	97
24) Nitrobenzene	7.451	77	85567	10.380	ng	98
25) Isophorone	7.692	82	146541	10.204	ng	98
26) 2-Nitrophenol	7.769	139	41083	10.067	ng	97
27) 2,4-Dimethylphenol	7.804	122	60896	9.956	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	91497	10.202	ng	95
29) 2,4-Dichlorophenol	8.016	162	75032	10.643	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	76623	10.585	ng	94
31) Naphthalene	8.181	128	220903	10.590	ng	99
32) Benzoic acid	7.910	122	58822	13.120	ng	92
33) 4-Chloroaniline	8.228	127	79703	10.476	ng	97
34) Hexachlorobutadiene	8.292	225	54849	10.054	ng	96
35) Caprolactam	8.575	113	20560	10.645	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	67228	10.641	ng	96
37) 2-Methylnaphthalene	8.869	142	147427	10.571	ng	99
38) 1-Methylnaphthalene	8.969	142	149280	11.093	ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	86408	10.098	ng	99
41) Hexachlorocyclopentadiene	9.022	237	15765	10.609	ng	93
43) 2,4,6-Trichlorophenol	9.145	196	58560	10.054	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 05 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

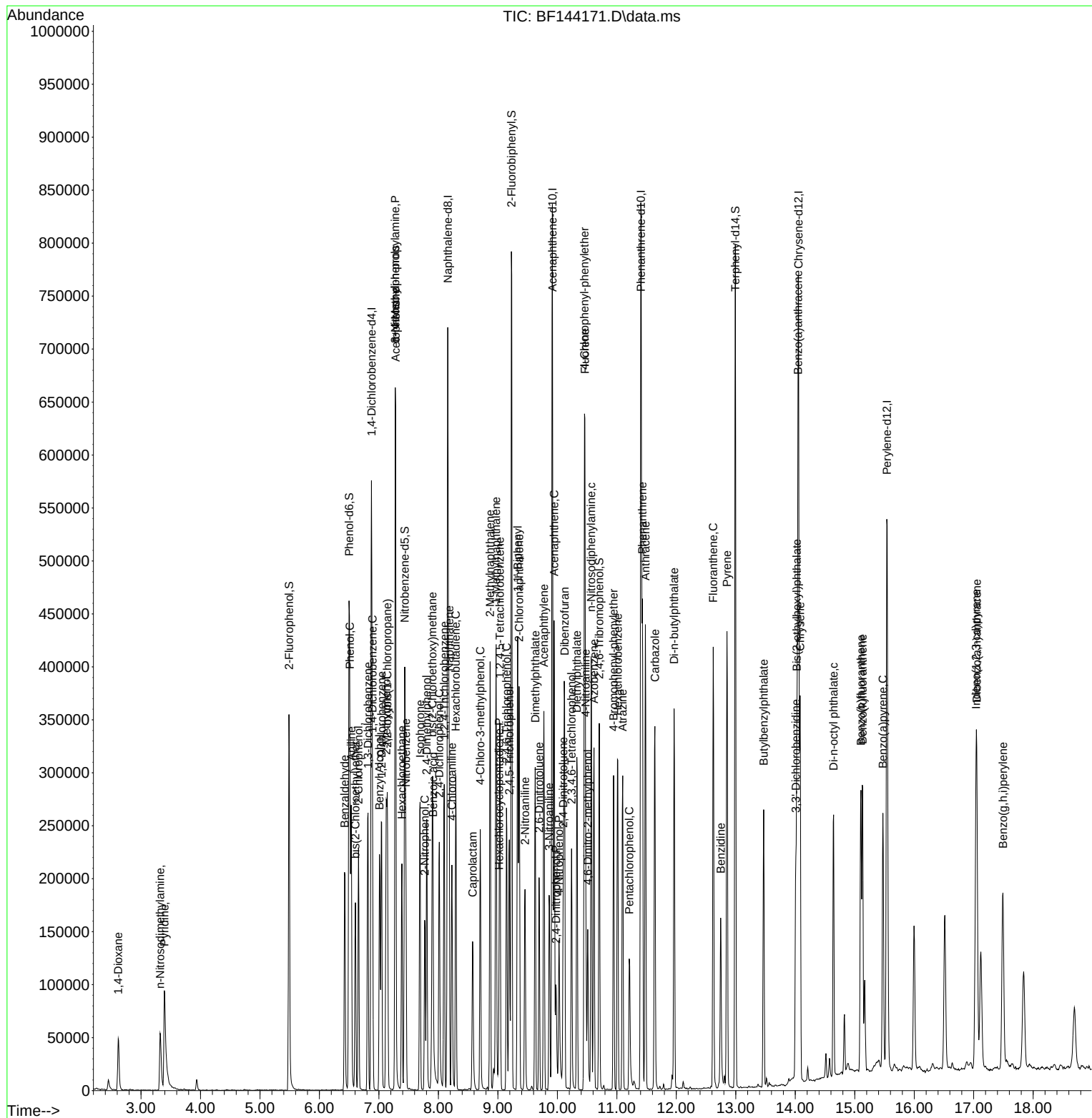
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng	98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng	99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng	100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng	97
49) Acenaphthylene	9.775	152	220118	10.390	ng	99
50) Dimethylphthalate	9.628	163	175284	10.133	ng	99
51) 2,6-Dinitrotoluene	9.692	165	35433	10.119	ng	98
52) Acenaphthene	9.945	154	151661	10.705	ng	99
53) 3-Nitroaniline	9.863	138	39270	10.259	ng	99
54) 2,4-Dinitrophenol	9.981	184	26319	12.447	ng	97
55) Dibenzofuran	10.122	168	208943	10.530	ng	99
56) 4-Nitrophenol	10.028	139	35627	12.867	ng	98
57) 2,4-Dinitrotoluene	10.098	165	49257	10.508	ng	# 98
58) Fluorene	10.463	166	159623	10.581	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45333	10.207	ng	97
60) Diethylphthalate	10.328	149	166246	10.426	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	91478	10.645	ng	99
62) 4-Nitroaniline	10.475	138	37821	10.375	ng	98
63) Azobenzene	10.616	77	157098	10.586	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	34516	10.823	ng	99
66) n-Nitrosodiphenylamine	10.569	169	158661	10.509	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	60929	10.169	ng	96
68) Hexachlorobenzene	11.016	284	71759	10.168	ng	94
69) Atrazine	11.098	200	49466	10.302	ng	97
70) Pentachlorophenol	11.210	266	31673	9.012	ng	97
71) Phenanthrene	11.428	178	244478	10.460	ng	99
72) Anthracene	11.480	178	248511	10.457	ng	99
73) Carbazole	11.639	167	215269	10.652	ng	98
74) Di-n-butylphthalate	11.963	149	258464	10.580	ng	99
75) Fluoranthene	12.622	202	250112	10.359	ng	99
77) Benzidine	12.745	184	104876	11.958	ng	99
78) Pyrene	12.851	202	258743	10.823	ng	99
80) Butylbenzylphthalate	13.469	149	87462	10.556	ng	96
81) Benzo(a)anthracene	14.045	228	198590	9.664	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	67166	9.535	ng	97
83) Chrysene	14.080	228	184604	9.731	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	109593	9.662	ng	98
85) Di-n-octyl phthalate	14.645	149	172428	8.811	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	219736	9.831	ng	99
88) Benzo(b)fluoranthene	15.104	252	176369	9.963	ng	99
89) Benzo(k)fluoranthene	15.133	252	170386	10.283	ng	98
90) Benzo(a)pyrene	15.474	252	163529	10.013	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	179793	10.016	ng	98
92) Benzo(g,h,i)perylene	17.492	276	175090	9.877	ng	100

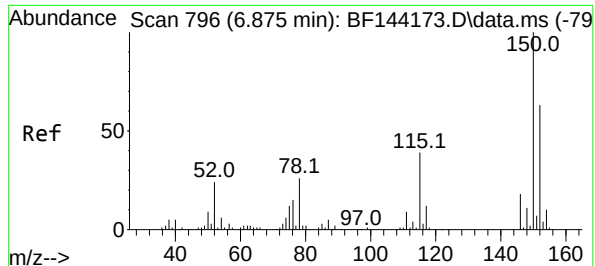
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

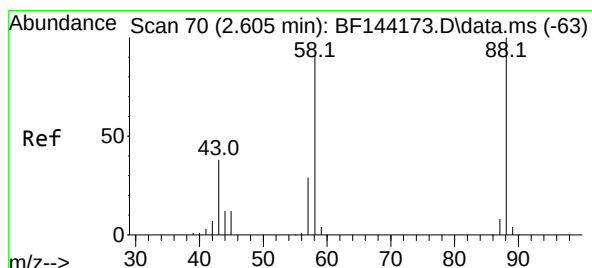
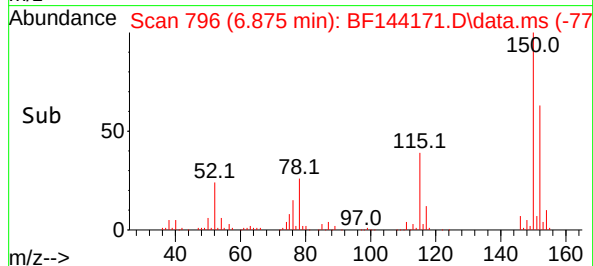
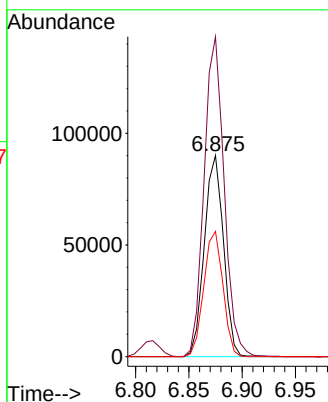
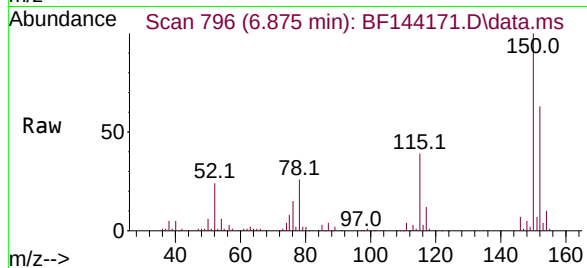




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

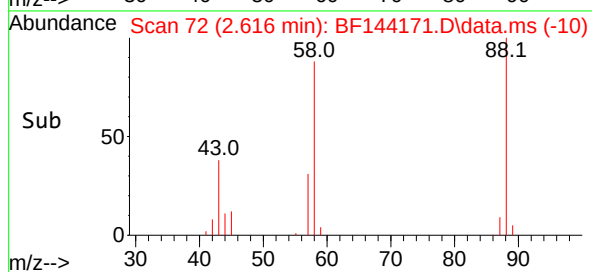
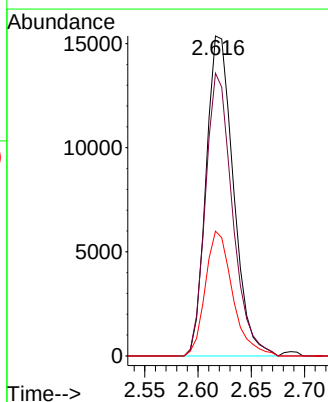
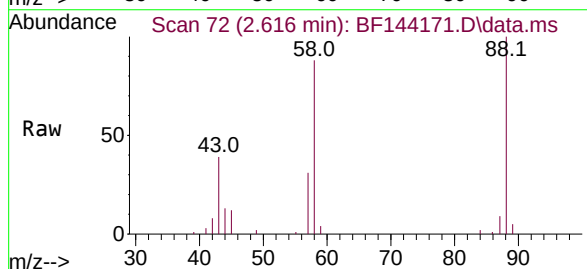
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

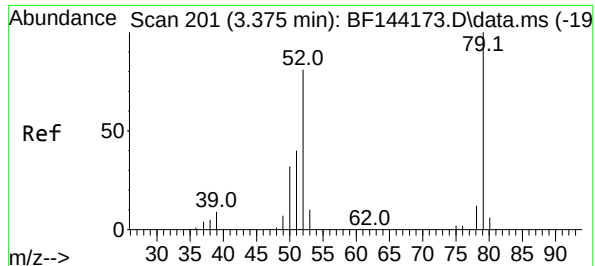
Tgt Ion:152 Resp: 112609
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 62.3 49.5 74.3



#2
1,4-Dioxane
Concen: 9.214 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 88 Resp: 27411
Ion Ratio Lower Upper
88 100
58 87.1 73.1 109.7
43 38.9 31.0 46.6

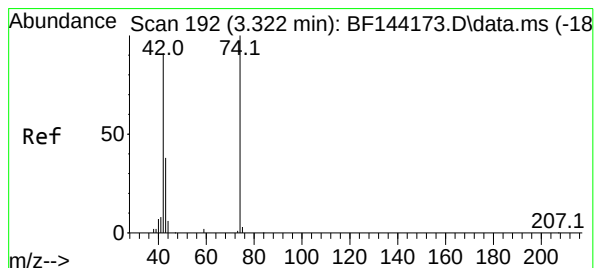
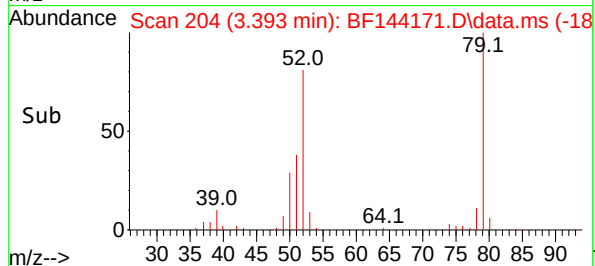
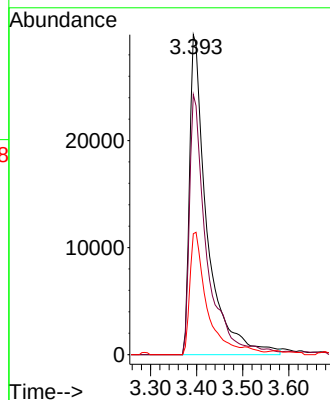
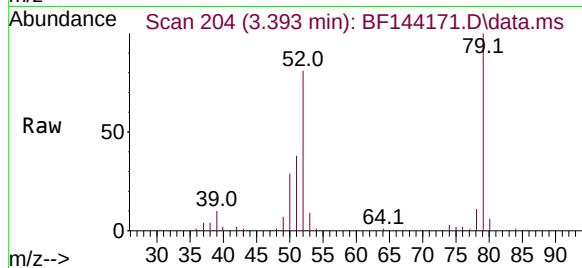




#3
Pyridine
Concen: 9.536 ng
RT: 3.393 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

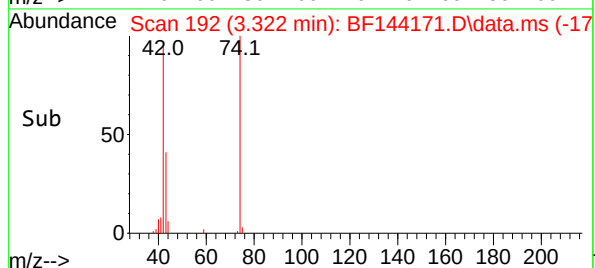
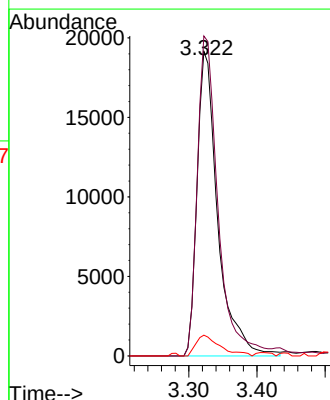
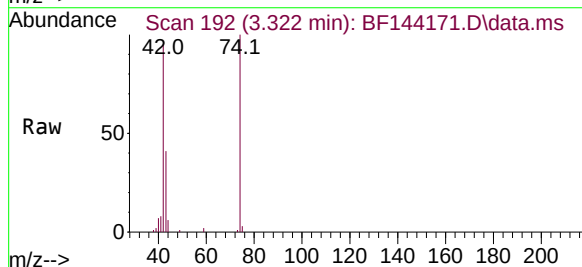
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

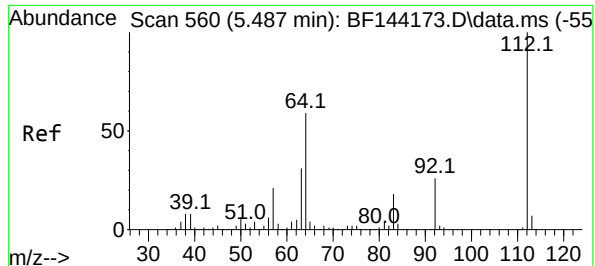
Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.3	64.5	96.7
51	37.8	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 9.331 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.1	88.2	132.4
44	6.8	5.7	8.5

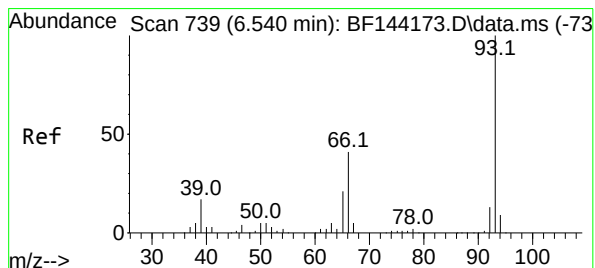
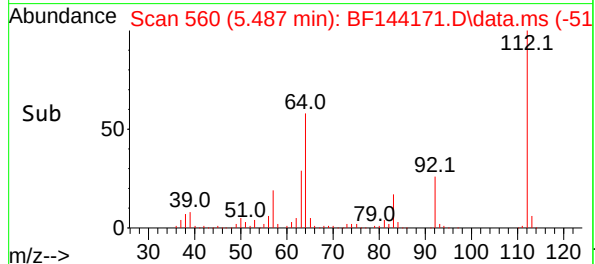
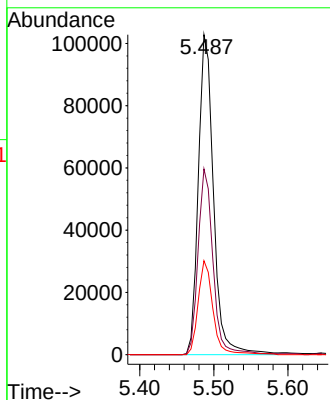
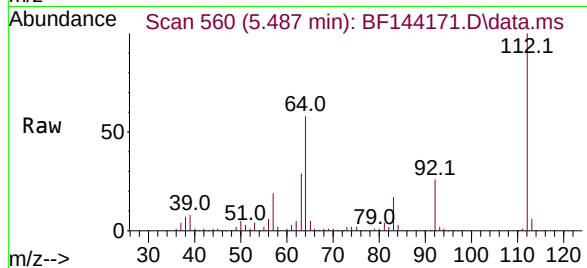




#5
2-Fluorophenol
Concen: 20.391 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

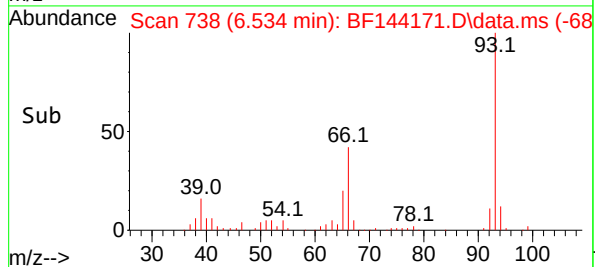
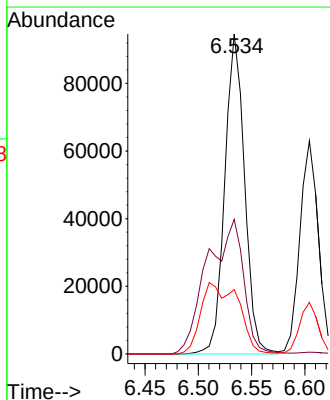
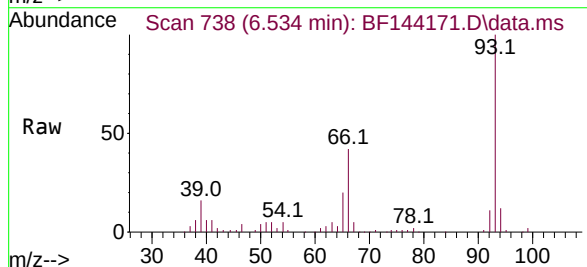
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

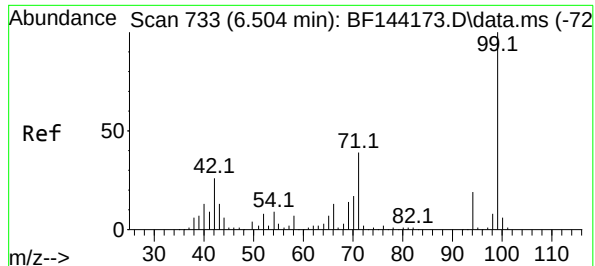
Tgt Ion:112 Resp: 146731
Ion Ratio Lower Upper
112 100
64 58.0 47.2 70.8
63 29.3 24.4 36.6



#6
Aniline
Concen: 10.512 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 93 Resp: 122118
Ion Ratio Lower Upper
93 100
66 42.0 34.3 51.5
65 20.1 16.9 25.3





#7

Phenol-d6

Concen: 20.963 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

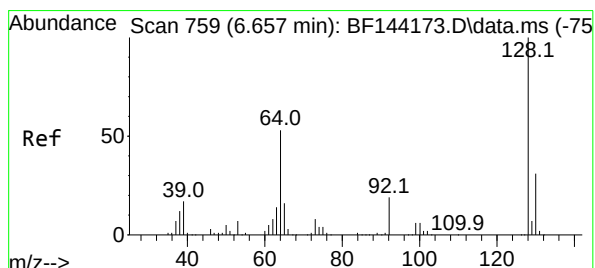
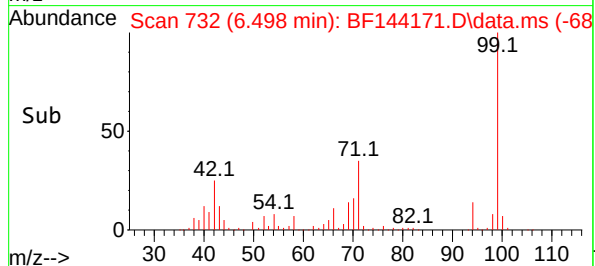
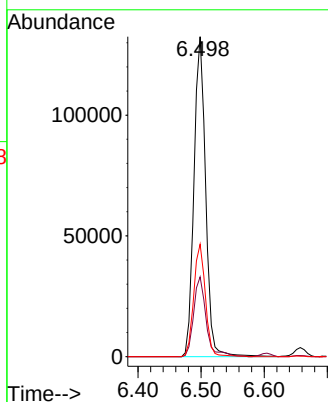
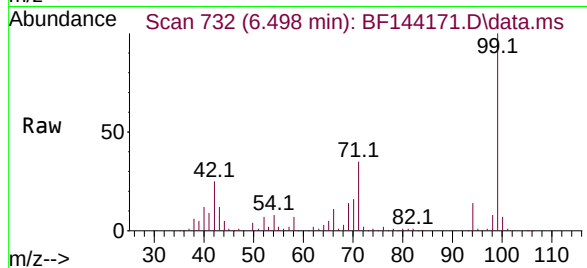
Tgt Ion: 99 Resp: 170929

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 35.1 31.4 47.2



#8

2-Chlorophenol

Concen: 10.448 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

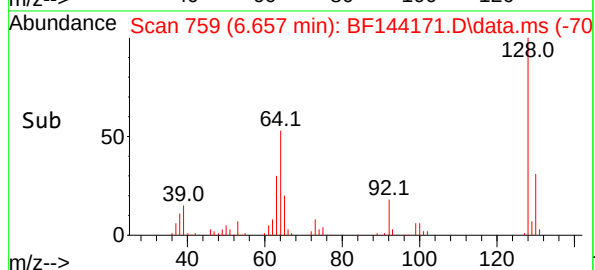
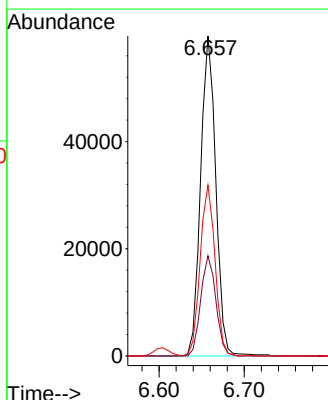
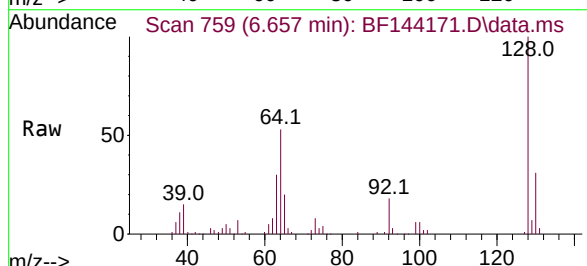
Tgt Ion: 128 Resp: 73729

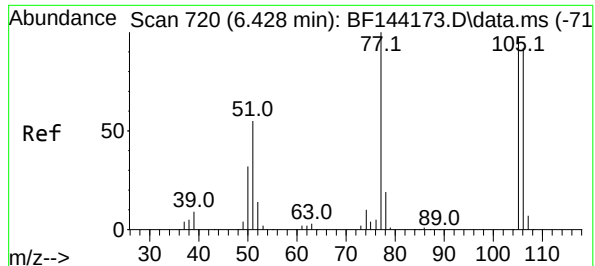
Ion Ratio Lower Upper

128 100

130 31.3 10.5 50.5

64 53.3 33.2 73.2





#9
Benzaldehyde

Concen: 12.629 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

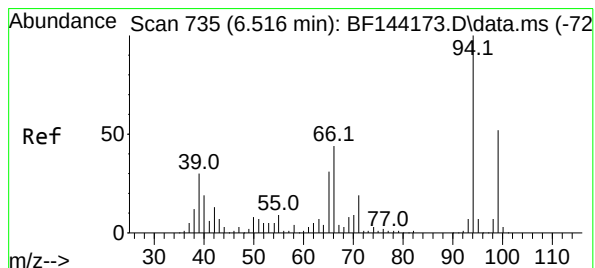
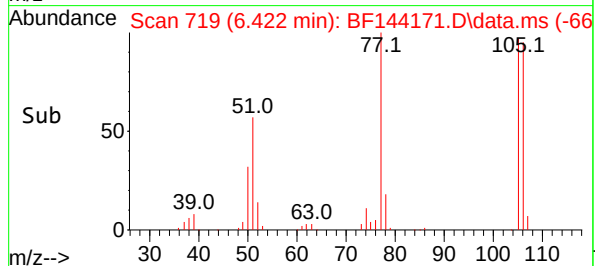
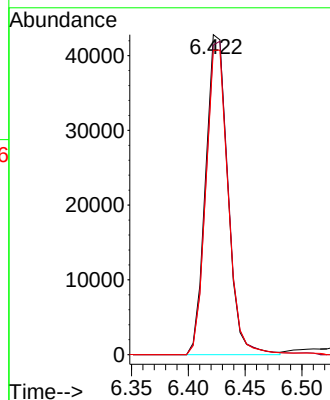
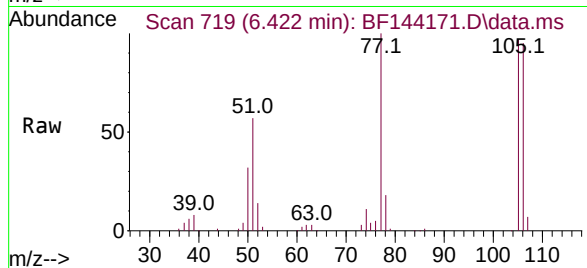
Tgt Ion: 77 Resp: 58146

Ion Ratio Lower Upper

77 100

105 96.7 77.2 117.2

106 95.1 72.2 112.2



#10

Phenol

Concen: 10.717 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.018 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

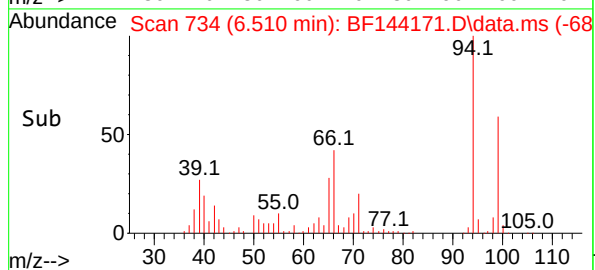
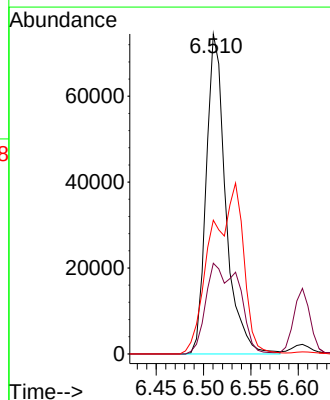
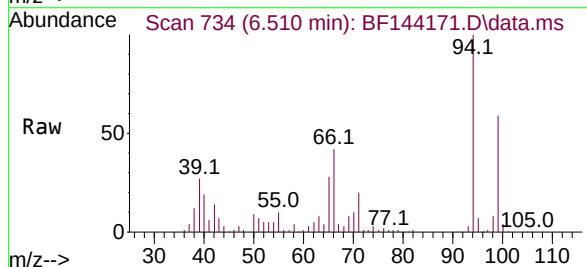
Tgt Ion: 94 Resp: 106765

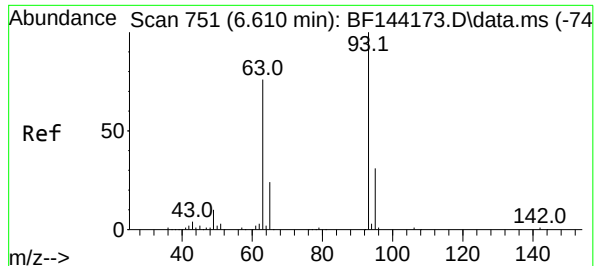
Ion Ratio Lower Upper

94 100

65 28.3 10.8 50.8

66 41.8 24.3 64.3

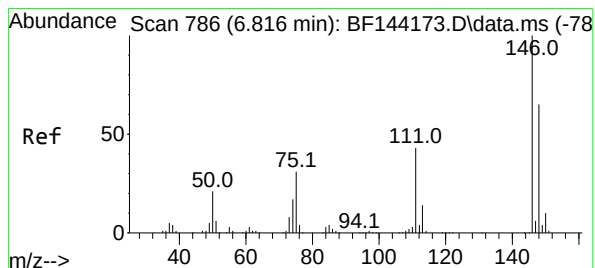
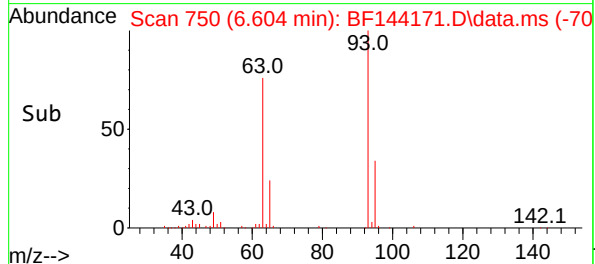
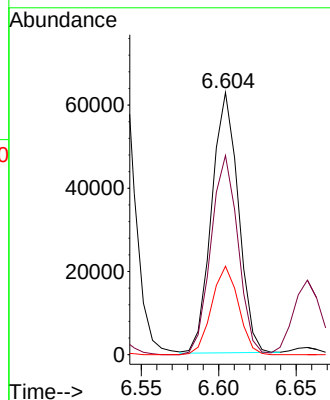
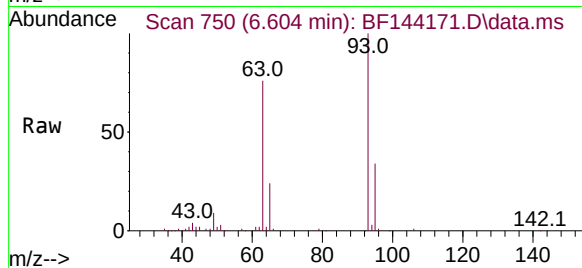




#11
bis(2-Chloroethyl)ether
Concen: 10.342 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

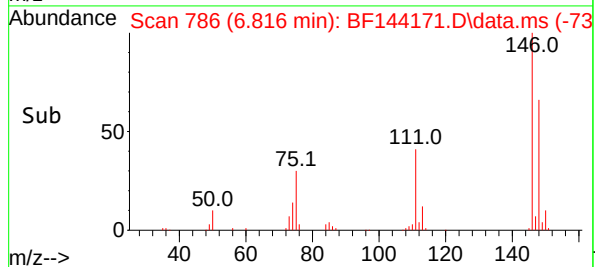
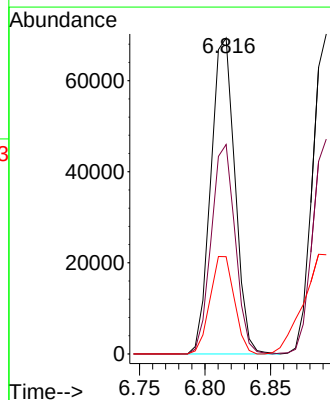
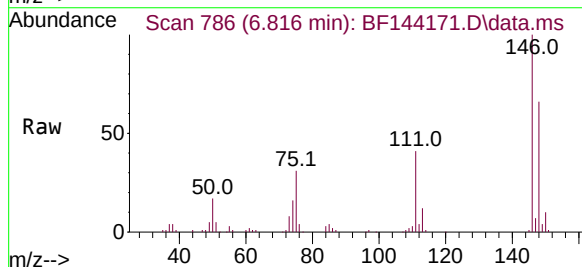
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

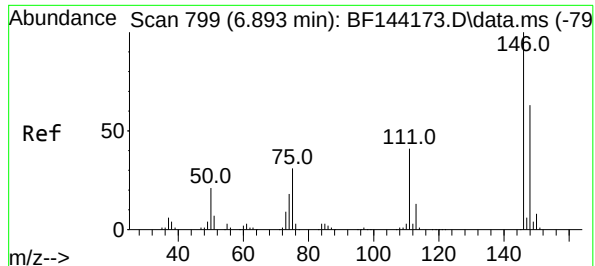
Tgt Ion:	93	Resp:	75075
Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.2	95.2
95	33.7	11.2	51.2



#12
1,3-Dichlorobenzene
Concen: 10.174 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	146	Resp:	88594
Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.8
75	30.8	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 10.085 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

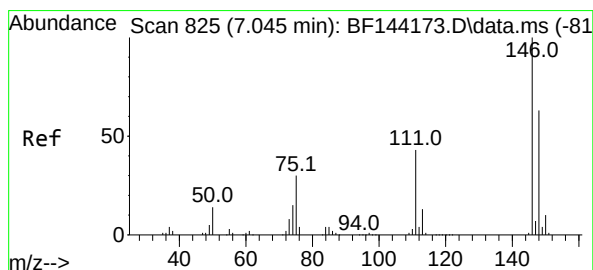
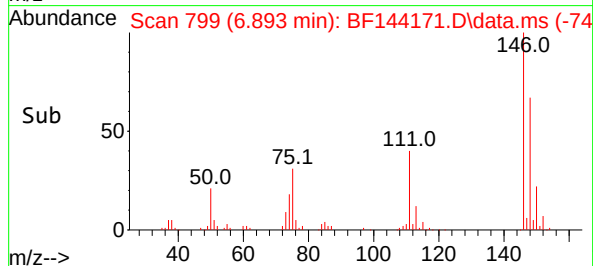
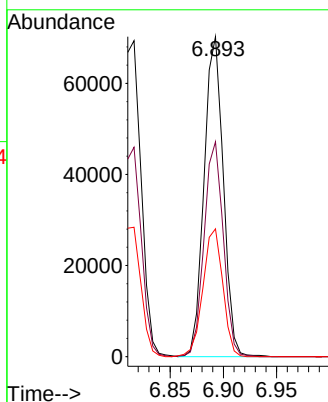
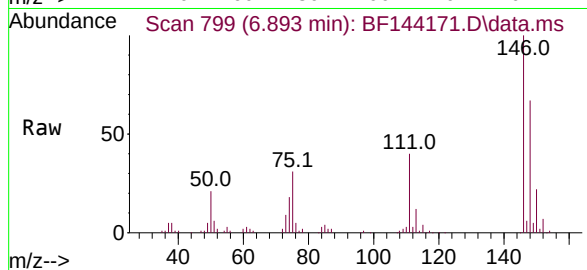
Tgt Ion:146 Resp: 87984

Ion Ratio Lower Upper

146 100

148 67.1 50.2 75.2

111 39.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 10.165 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

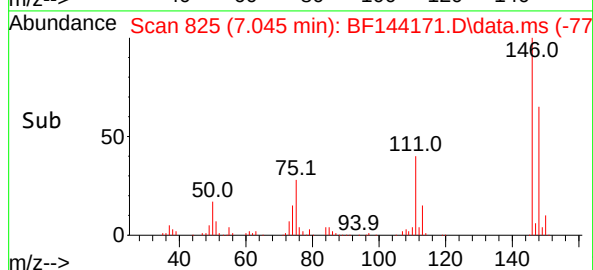
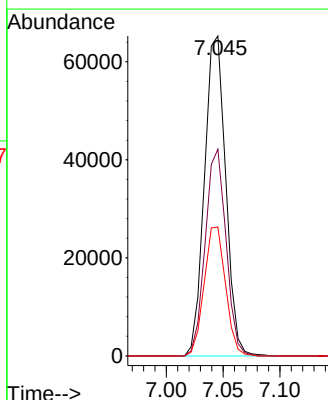
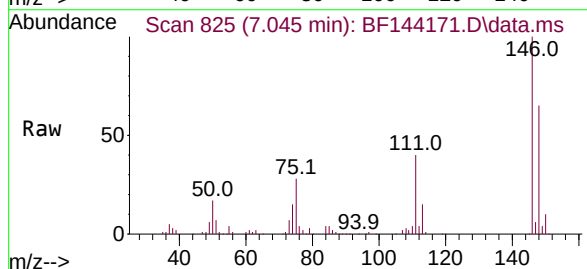
Tgt Ion:146 Resp: 84997

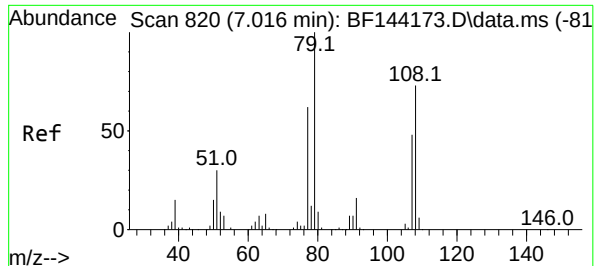
Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

111 40.3 34.2 51.4

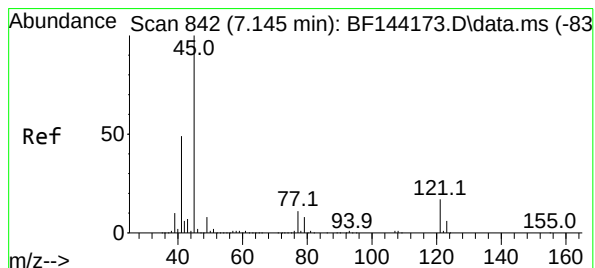
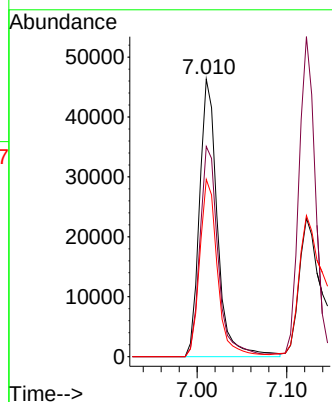
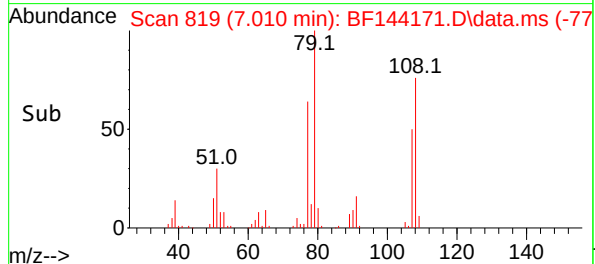
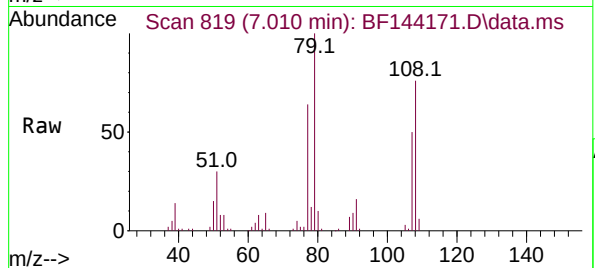




#15
Benzyl Alcohol
Concen: 9.937 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

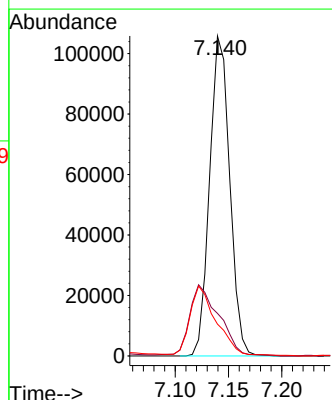
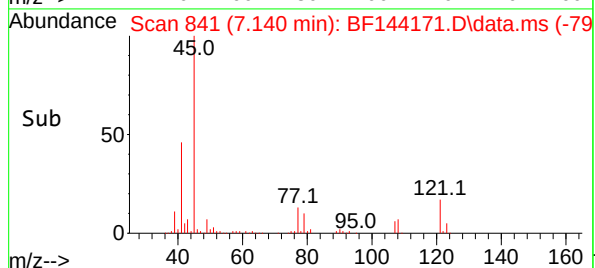
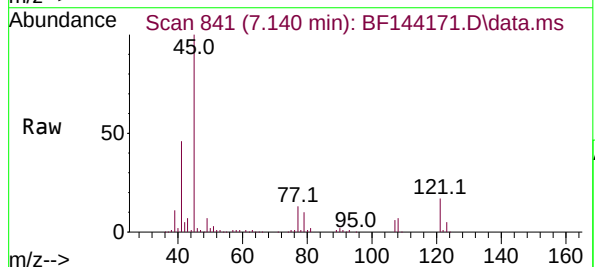
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

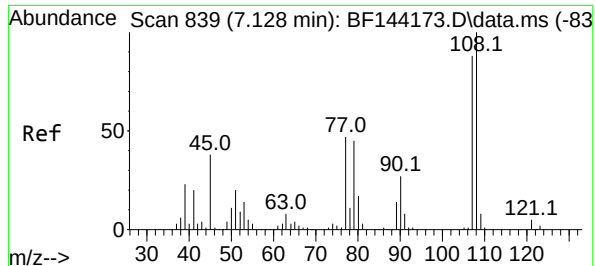
Tgt Ion: 79 Resp: 64160
Ion Ratio Lower Upper
79 100
108 75.8 58.2 87.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.403 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 45 Resp: 139062
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.8
79 9.9 0.0 29.1

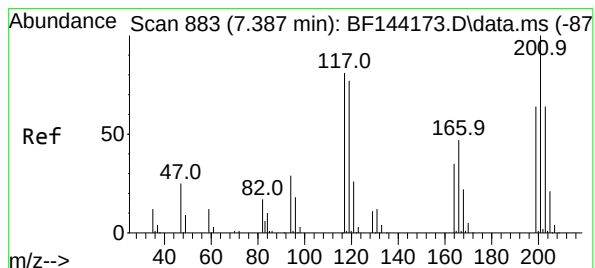
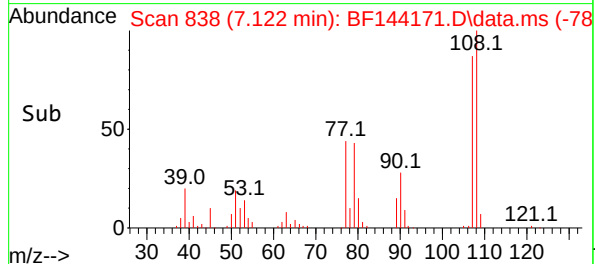
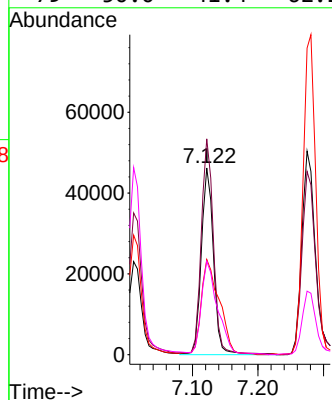
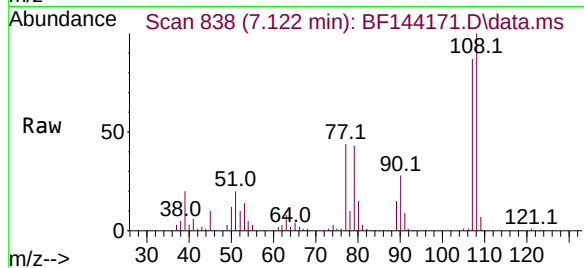




#17
2-Methylphenol
Concen: 10.575 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

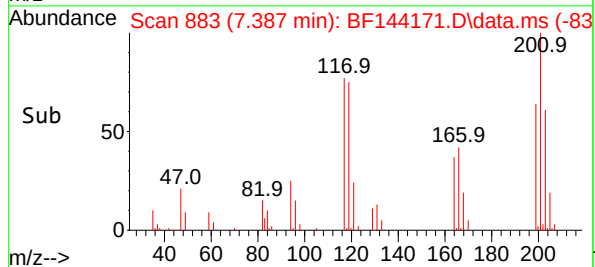
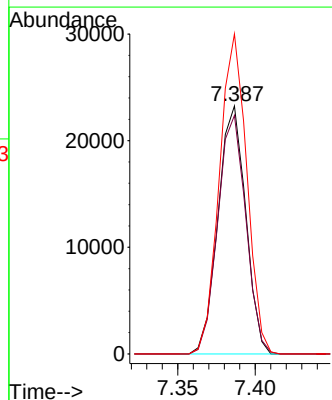
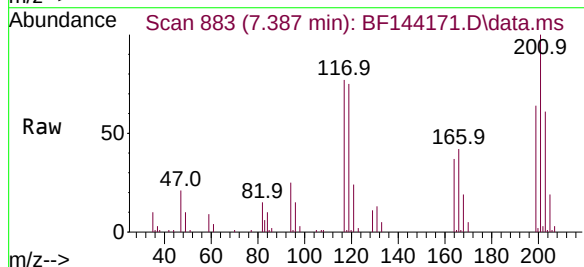
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

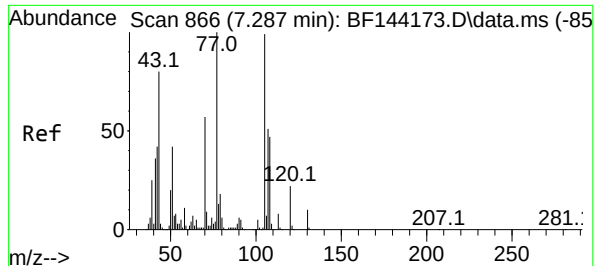
Tgt Ion:	107	Resp:	59368
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	51.0	42.7	64.1
79	50.0	41.4	62.2



#18
Hexachloroethane
Concen: 9.963 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	117	Resp:	28876
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	129.1	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 10.735 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 57621

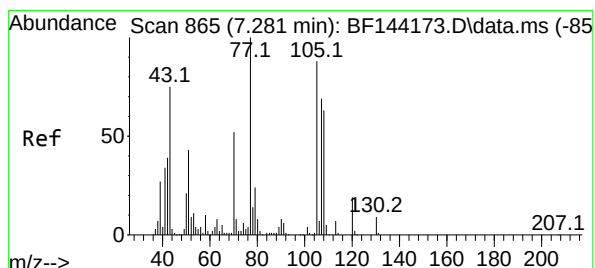
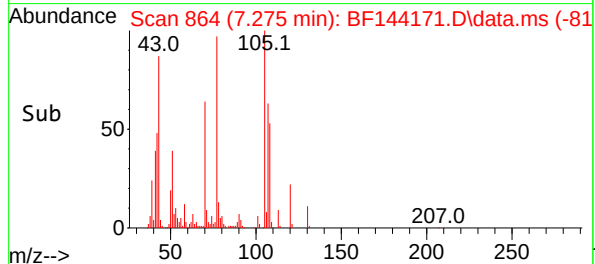
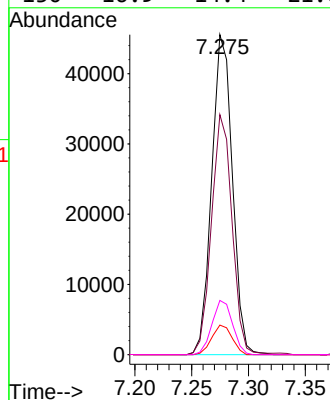
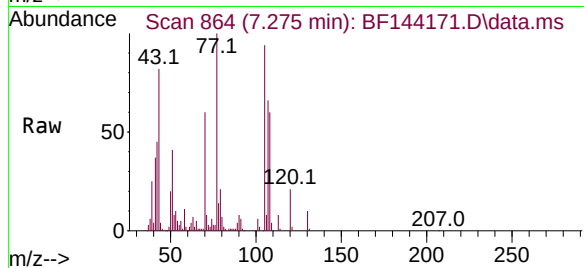
Ion Ratio Lower Upper

70 100

42 75.0 58.3 87.5

101 9.2 7.0 10.6

130 16.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 11.314 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion: 107 Resp: 74874

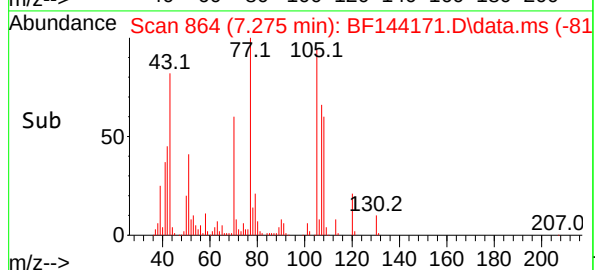
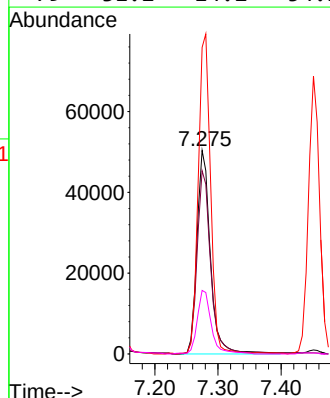
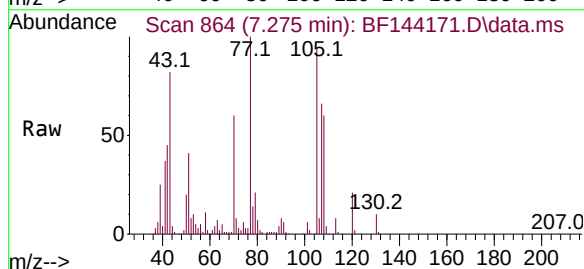
Ion Ratio Lower Upper

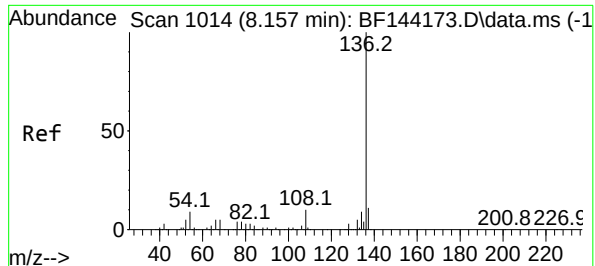
107 100

108 90.0 70.2 110.2

77 150.7 123.9 163.9

79 31.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 438512

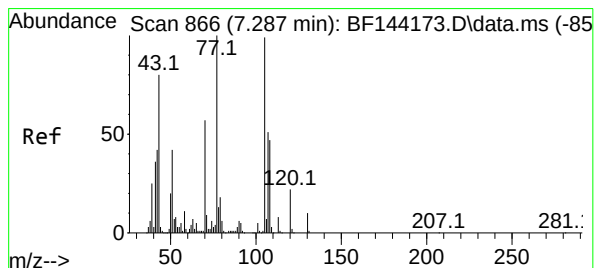
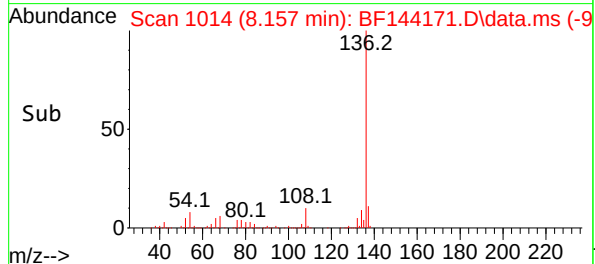
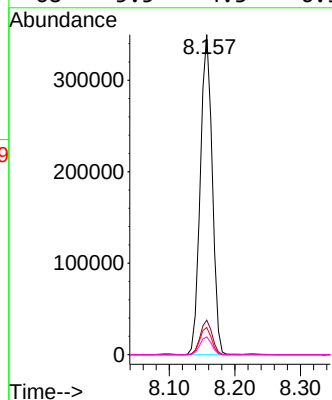
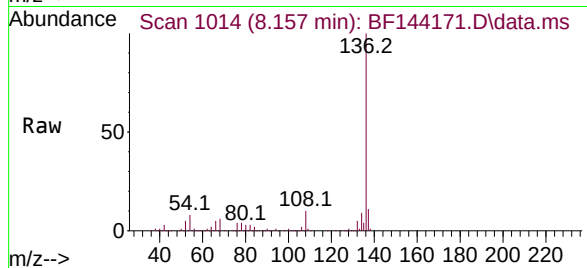
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.5 4.3 6.5



#22

Acetophenone

Concen: 10.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:105 Resp: 101777

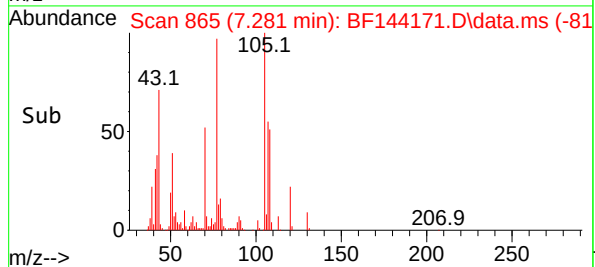
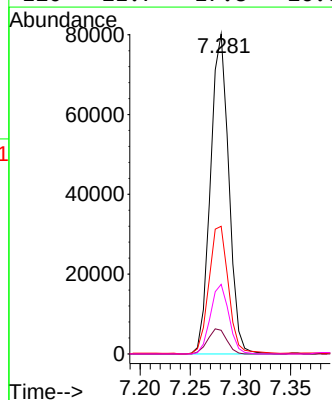
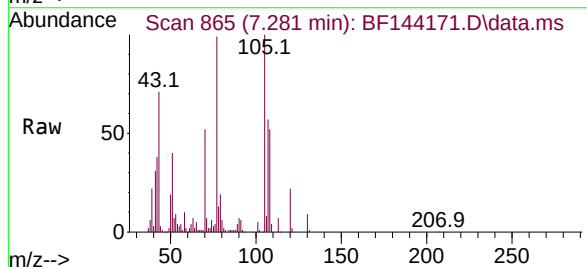
Ion Ratio Lower Upper

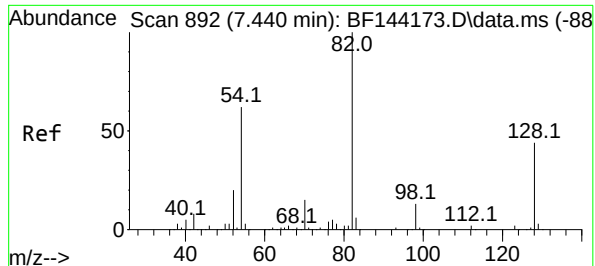
105 100

71 7.4 7.2 10.8

51 39.9 34.0 51.0

120 21.7 17.8 26.6

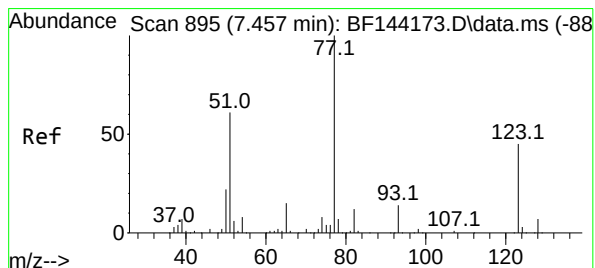
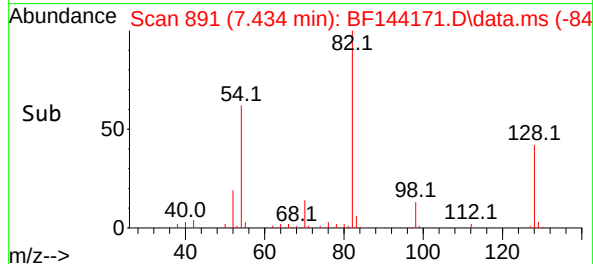
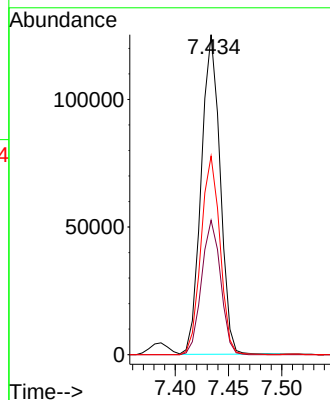
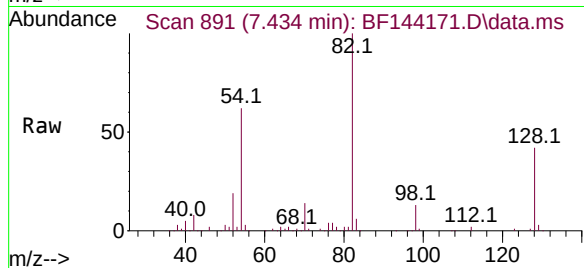




#23
Nitrobenzene-d5
Concen: 20.347 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

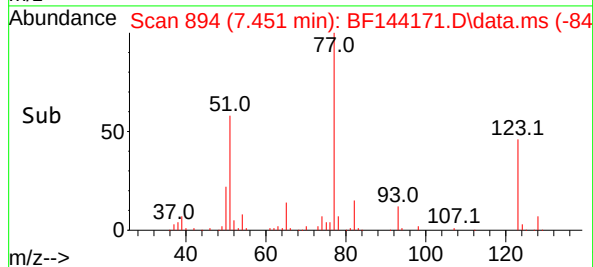
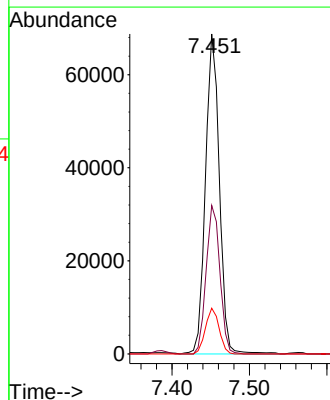
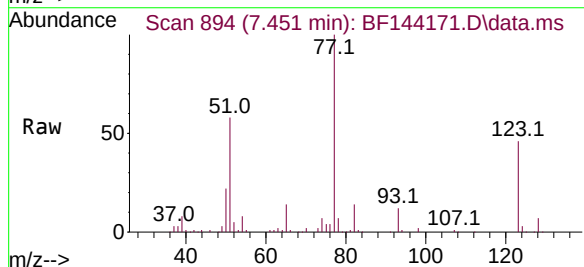
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

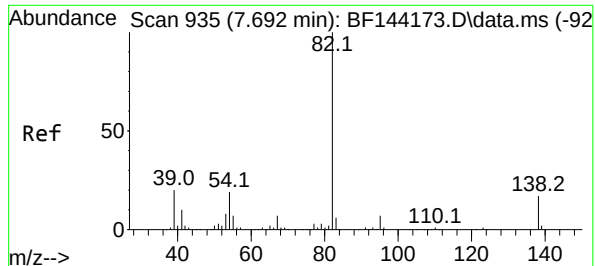
Tgt Ion: 82 Resp: 154488
Ion Ratio Lower Upper
82 100
128 42.0 34.7 52.1
54 62.0 49.5 74.3



#24
Nitrobenzene
Concen: 10.380 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 77 Resp: 85567
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 14.3 12.2 18.2

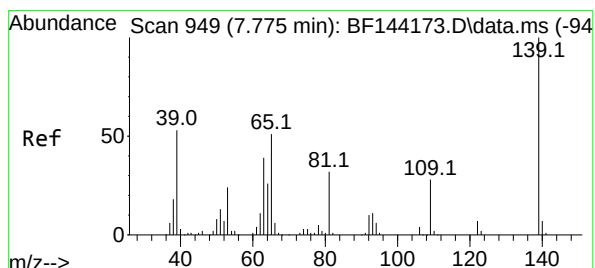
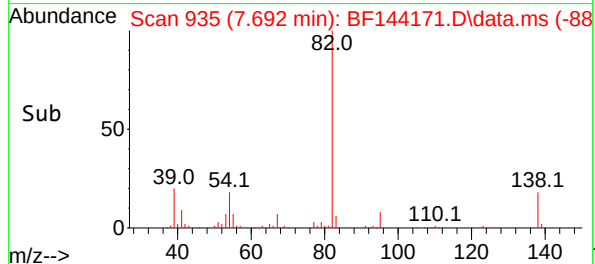
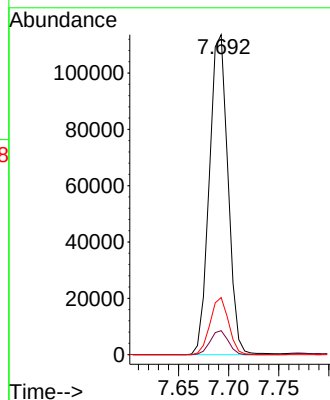
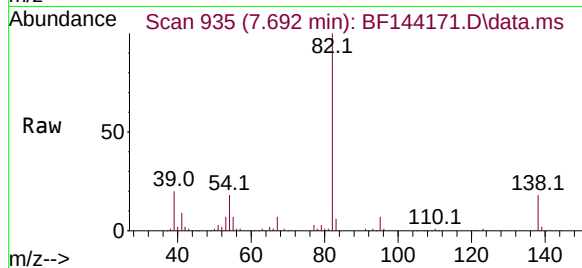




#25
Isophorone
Concen: 10.204 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

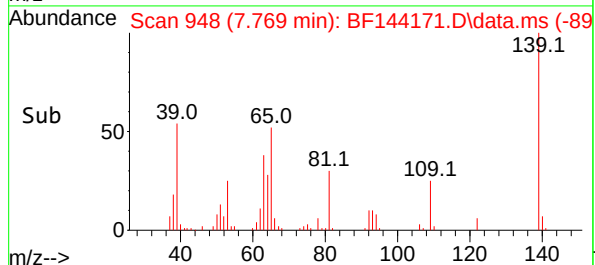
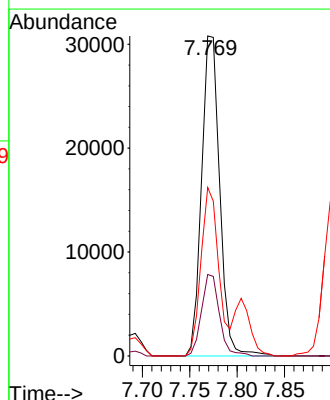
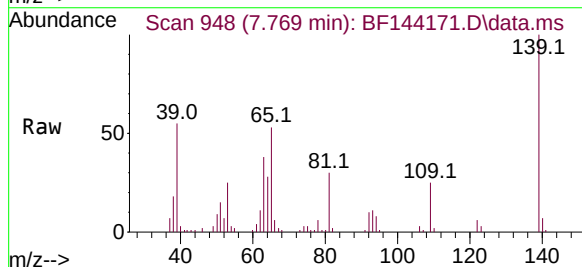
Instrument :
BNA_F
Client SampleId :
SSTDIC010

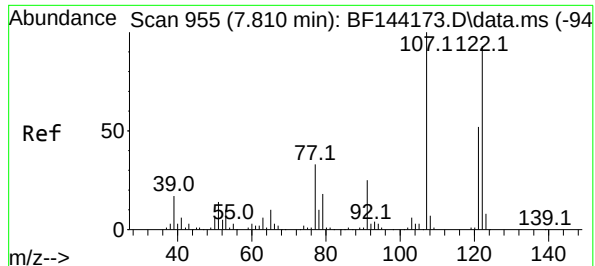
Tgt Ion: 82 Resp: 146541
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.9 13.7 20.5



#26
2-Nitrophenol
Concen: 10.067 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 139 Resp: 41083
Ion Ratio Lower Upper
139 100
109 25.4 22.2 33.2
65 52.6 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 9.956 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

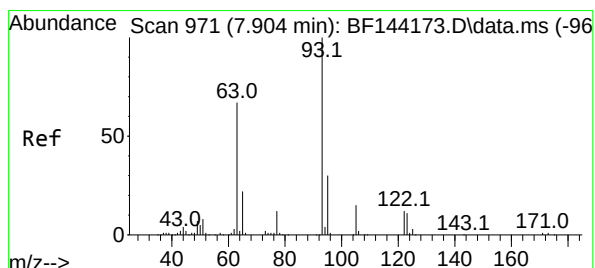
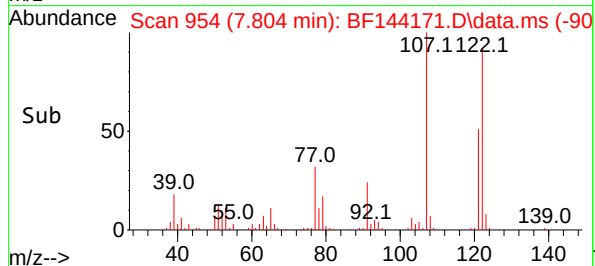
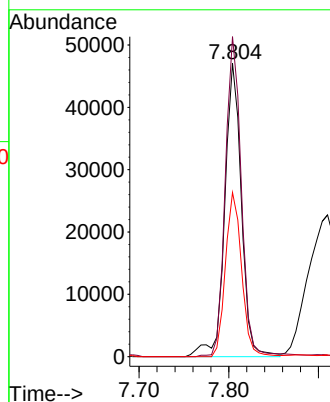
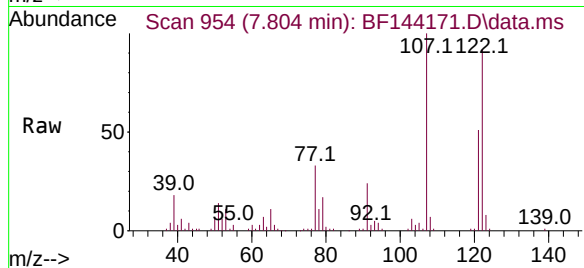
Tgt Ion:122 Resp: 60896

Ion Ratio Lower Upper

122 100

107 109.2 86.2 129.4

121 56.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.202 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

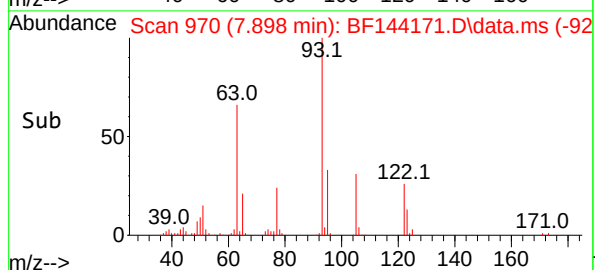
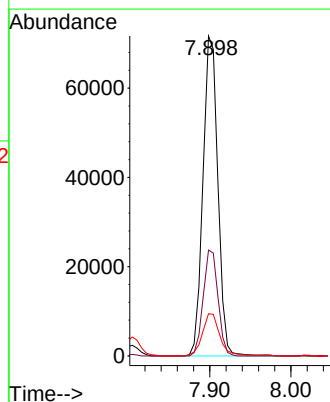
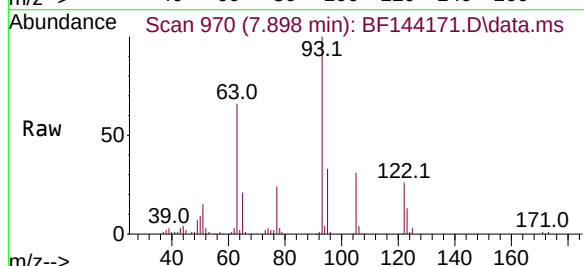
Tgt Ion: 93 Resp: 91497

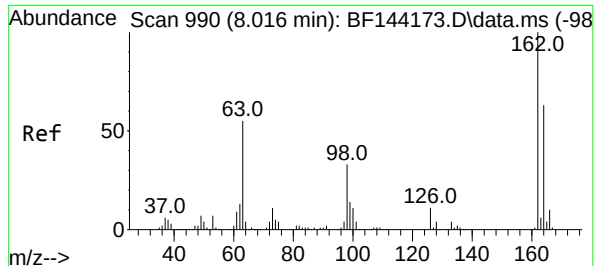
Ion Ratio Lower Upper

93 100

95 33.1 24.2 36.4

123 13.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 10.643 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

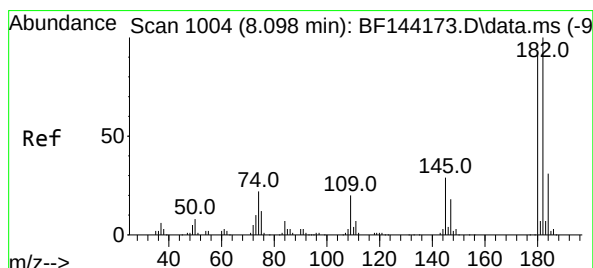
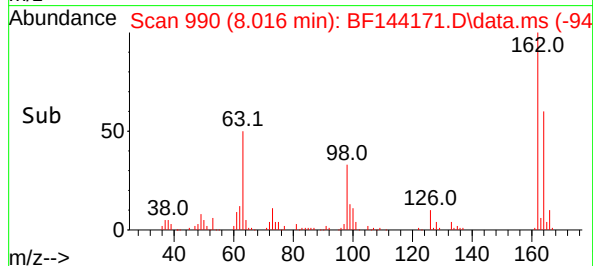
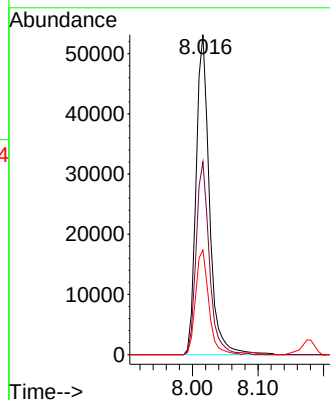
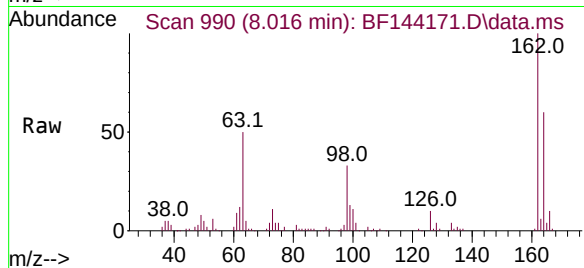
Tgt Ion:162 Resp: 75032

Ion Ratio Lower Upper

162 100

164 60.2 42.9 82.9

98 32.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 10.585 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

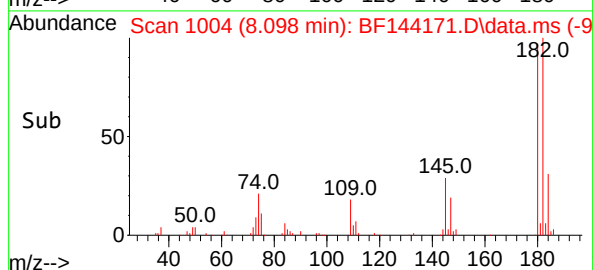
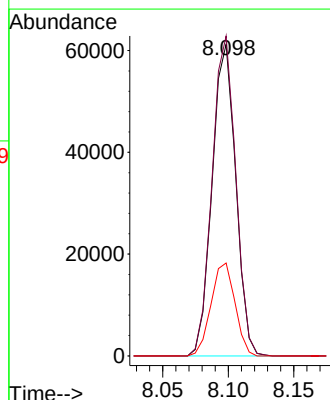
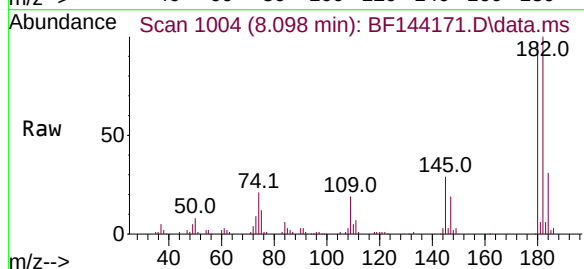
Tgt Ion:180 Resp: 76623

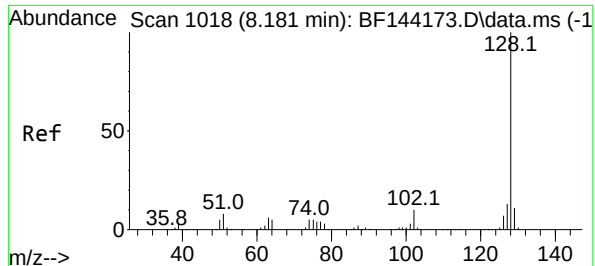
Ion Ratio Lower Upper

180 100

182 102.7 87.7 131.5

145 29.8 25.4 38.0

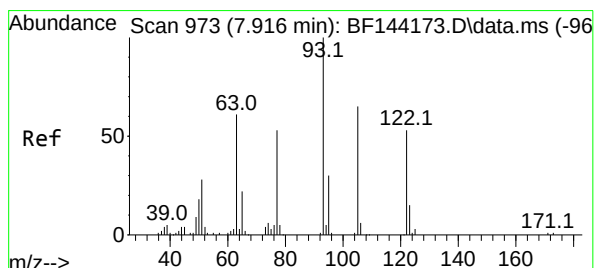
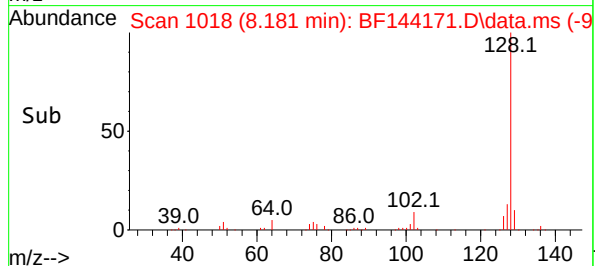
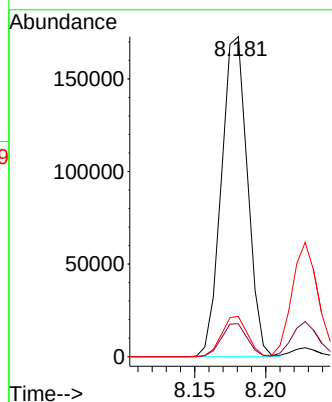
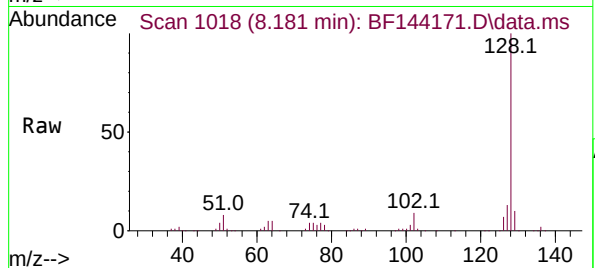




#31
Naphthalene
Concen: 10.590 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

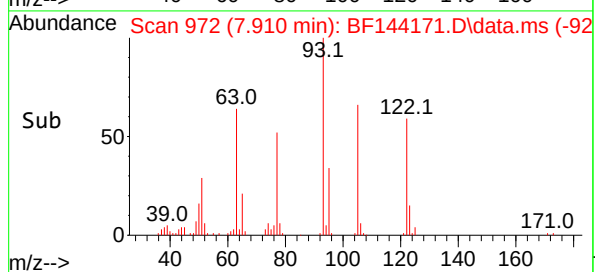
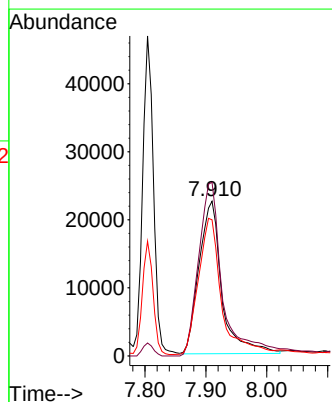
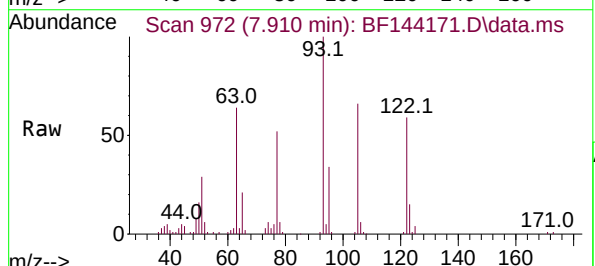
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

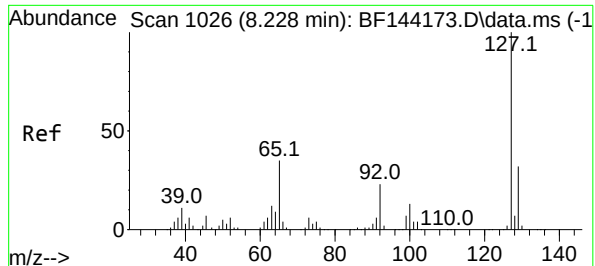
Tgt Ion:128 Resp: 220903
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 13.120 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.041 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:122 Resp: 58822
Ion Ratio Lower Upper
122 100
105 112.1 99.9 139.9
77 88.0 77.5 117.5





#33

4-Chloroaniline

Concen: 10.476 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 79703

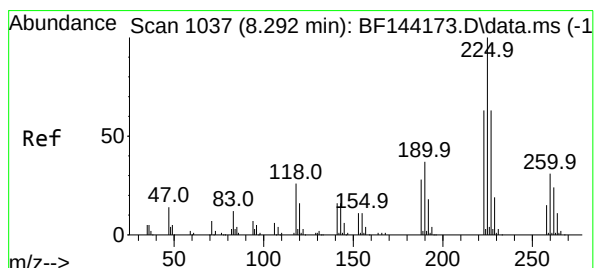
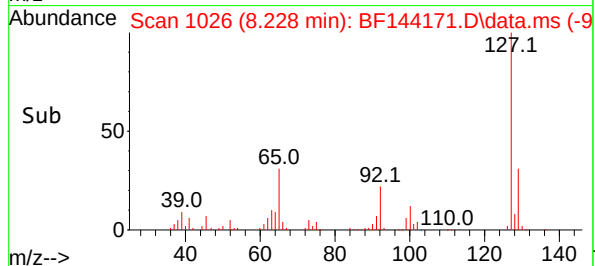
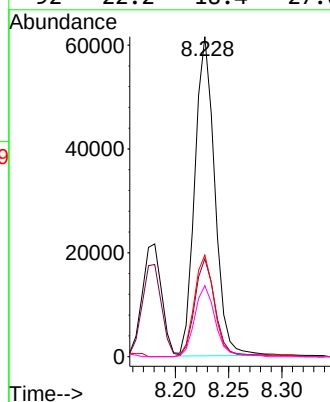
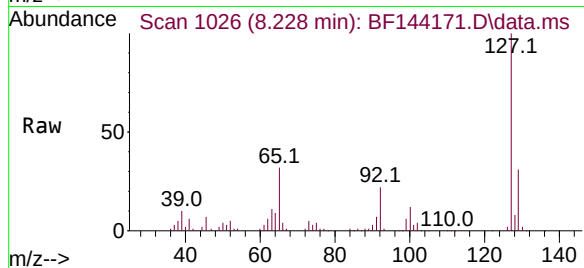
Ion Ratio Lower Upper

127 100

129 30.6 25.3 37.9

65 31.7 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 10.054 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

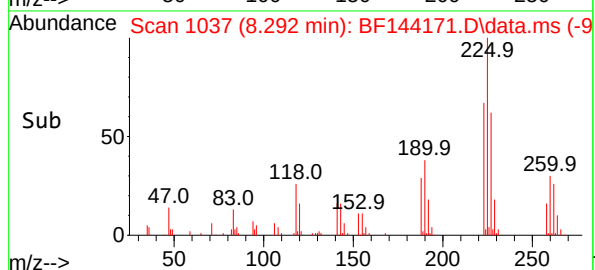
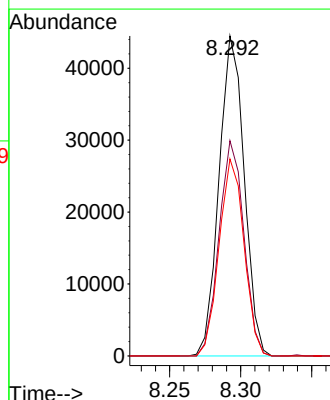
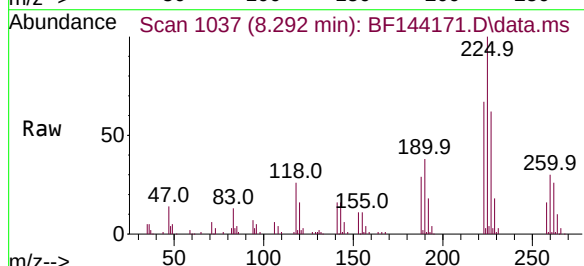
Tgt Ion:225 Resp: 54849

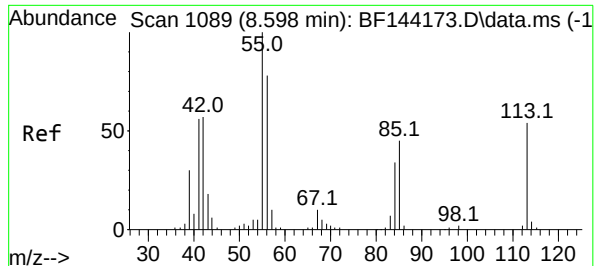
Ion Ratio Lower Upper

225 100

223 67.2 50.2 75.4

227 61.5 50.1 75.1





#35

Caprolactam

Concen: 10.645 ng

RT: 8.575 min Scan# 1085

Delta R.T. -0.047 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

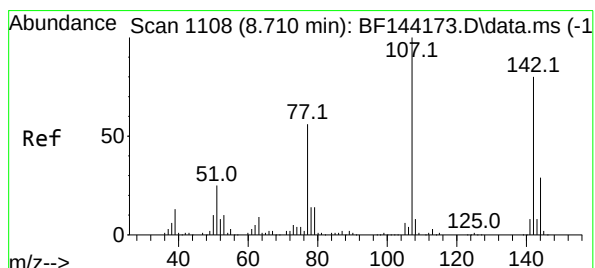
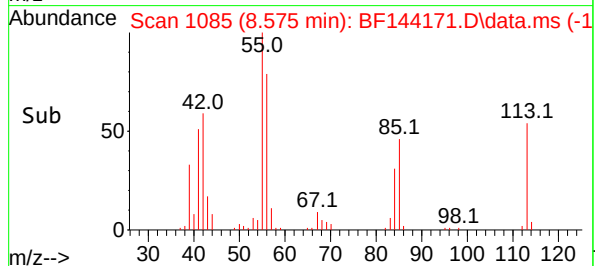
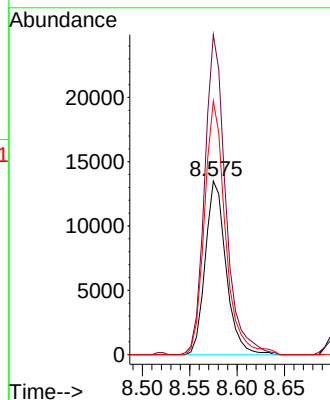
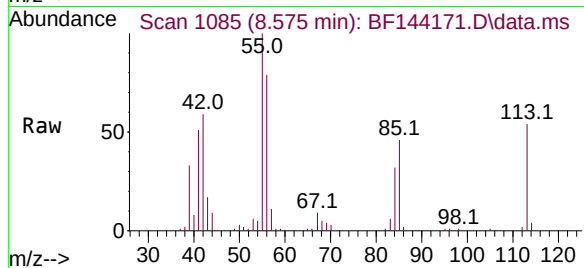
Tgt Ion:113 Resp: 20560

Ion Ratio Lower Upper

113 100

55 184.5 166.8 206.8

56 146.2 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 10.641 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

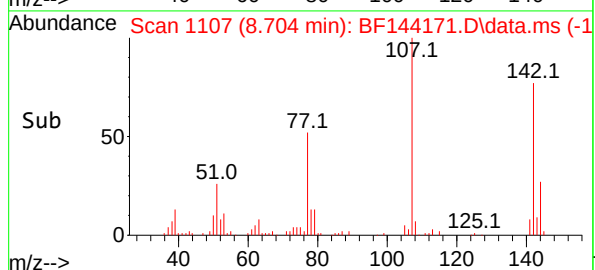
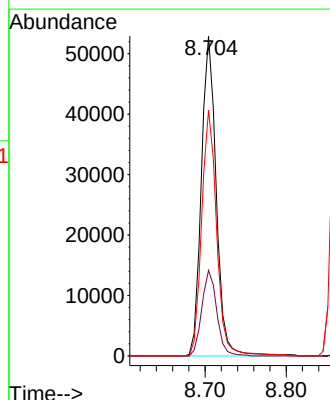
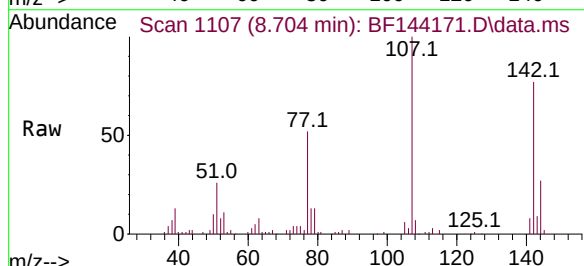
Tgt Ion:107 Resp: 67228

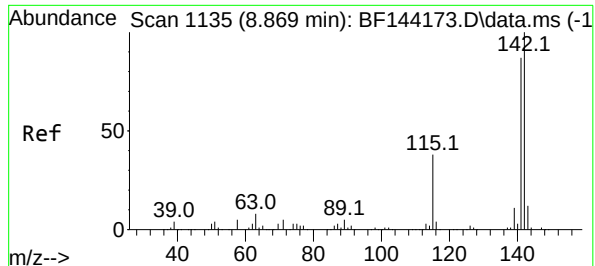
Ion Ratio Lower Upper

107 100

144 26.7 23.3 34.9

142 76.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 10.571 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

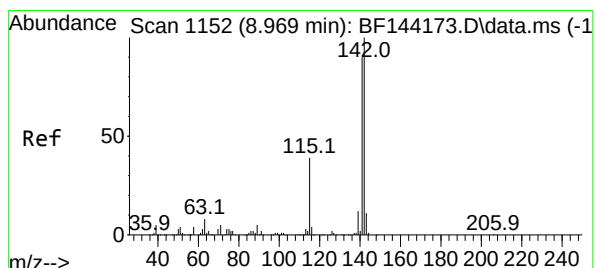
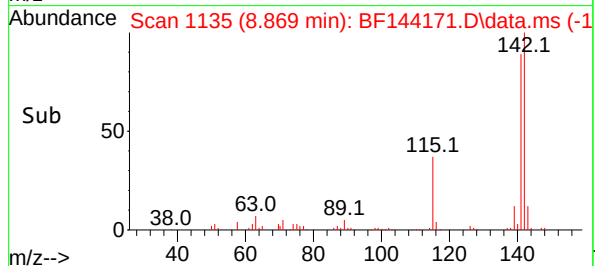
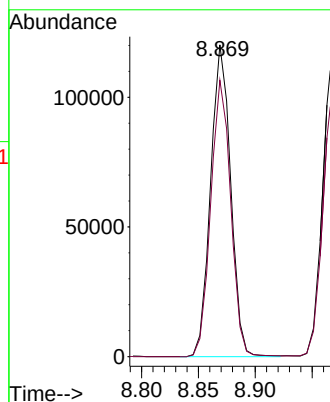
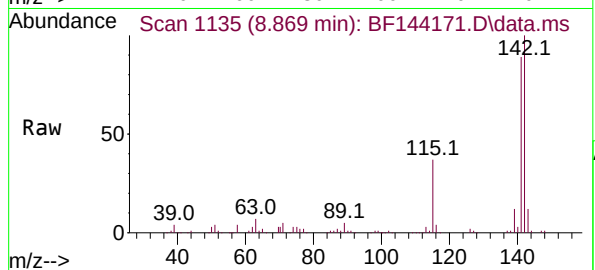
SSTDICC010

Tgt Ion:142 Resp: 147427

Ion Ratio Lower Upper

142 100

141 88.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 11.093 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144171.D

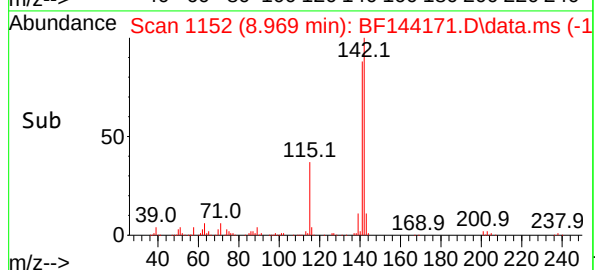
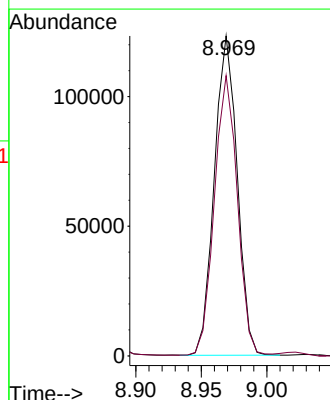
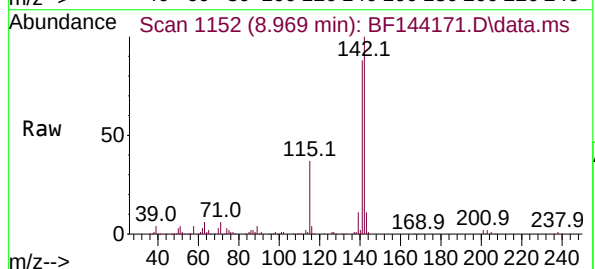
Acq: 05 Nov 2025 13:50

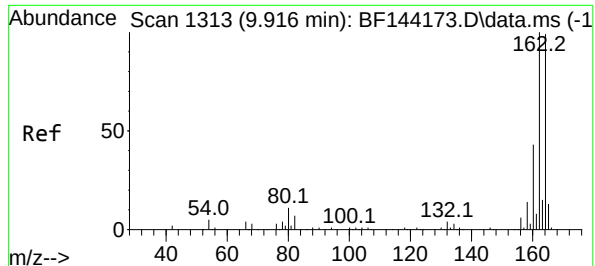
Tgt Ion:142 Resp: 149280

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

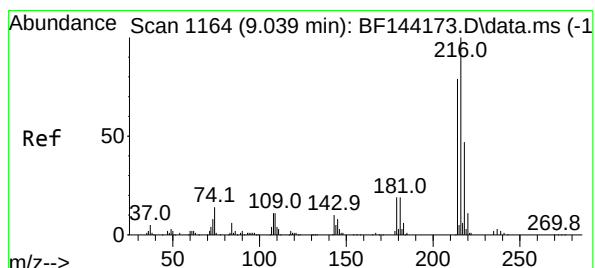
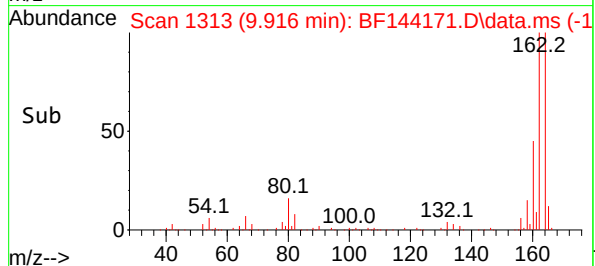
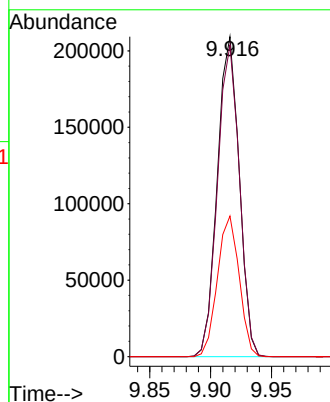
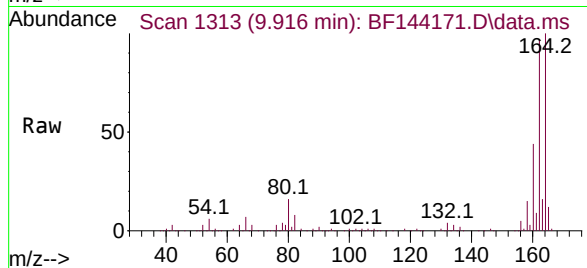
Tgt Ion:164 Resp: 261107

Ion Ratio Lower Upper

164 100

162 97.4 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.098 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:216 Resp: 86408

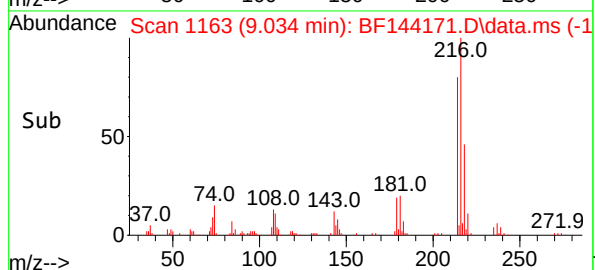
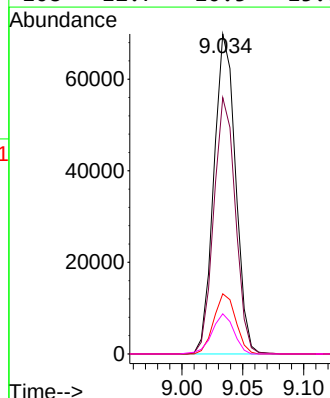
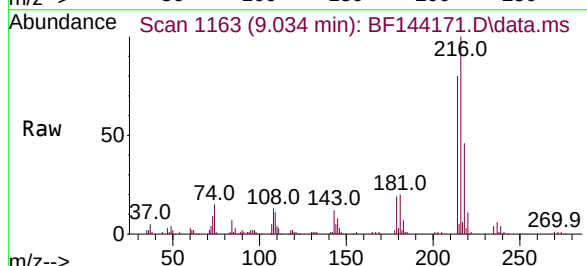
Ion Ratio Lower Upper

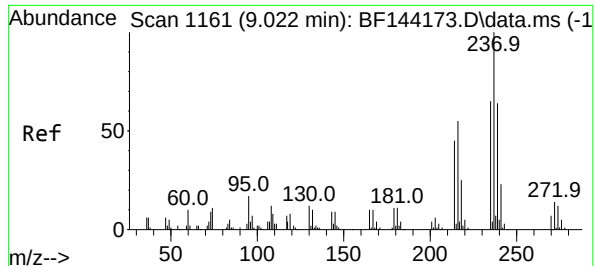
216 100

214 79.8 63.4 95.2

179 19.0 15.0 22.4

108 12.7 10.5 15.7

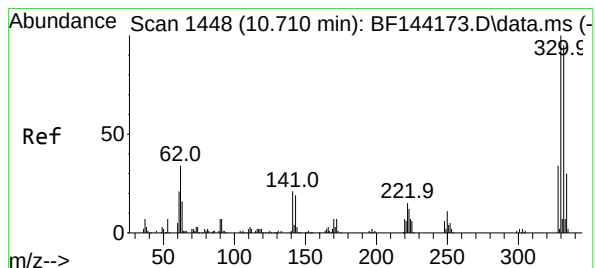
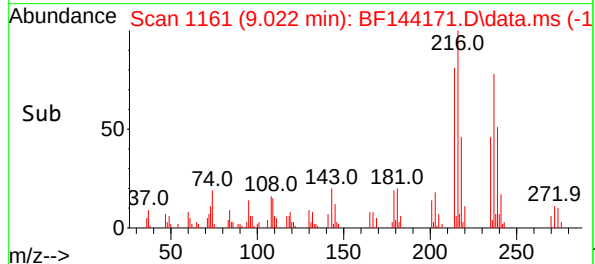
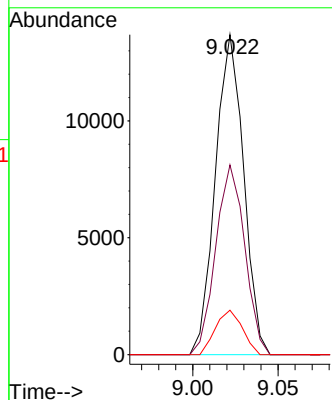
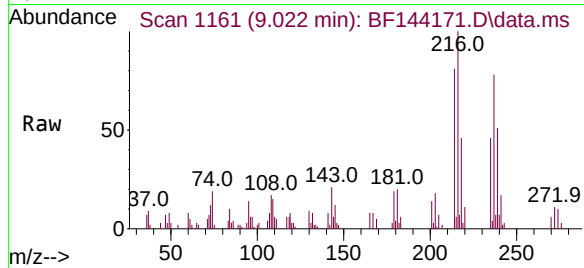




#41
Hexachlorocyclopentadiene
Concen: 10.609 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

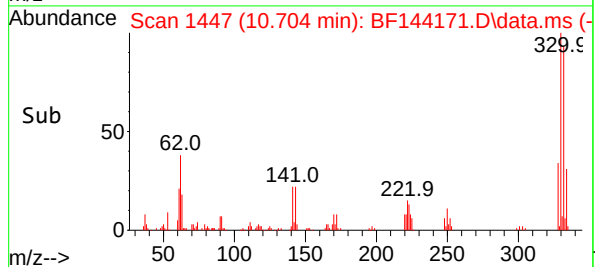
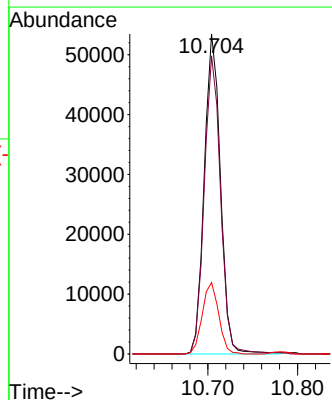
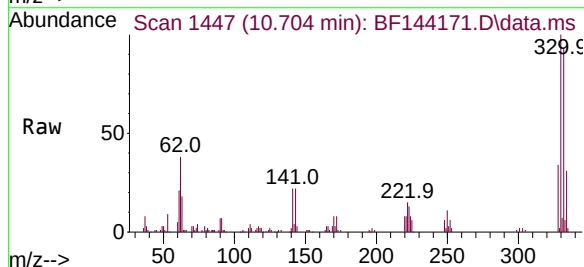
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

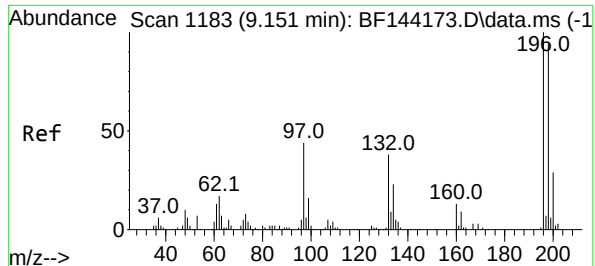
Tgt Ion:237 Resp: 15765
Ion Ratio Lower Upper
237 100
235 59.3 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 20.442 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:330 Resp: 66981
Ion Ratio Lower Upper
330 100
332 93.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 10.054 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

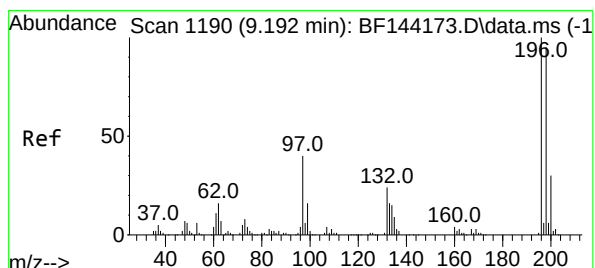
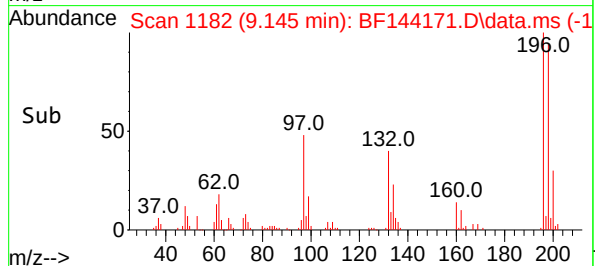
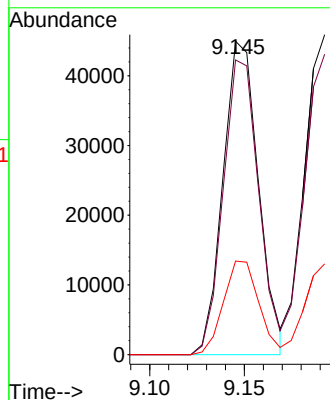
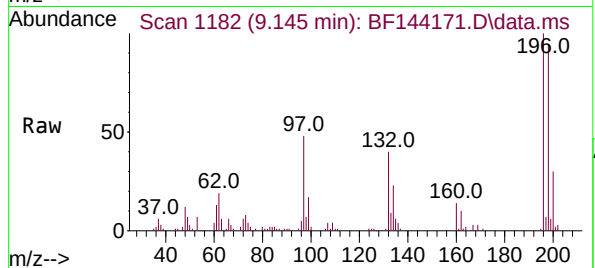
Tgt Ion:196 Resp: 58560

Ion Ratio Lower Upper

196 100

198 94.0 75.3 112.9

200 29.8 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 10.160 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 63779

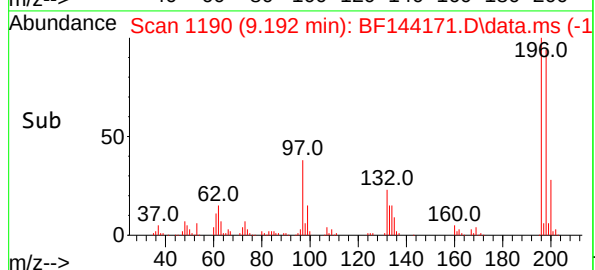
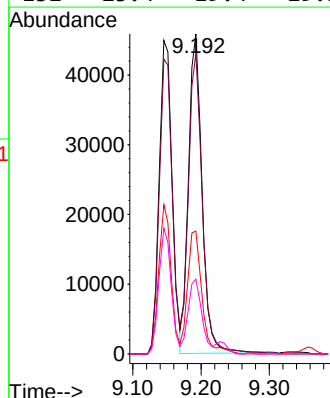
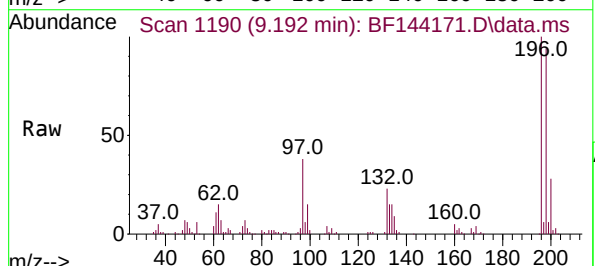
Ion Ratio Lower Upper

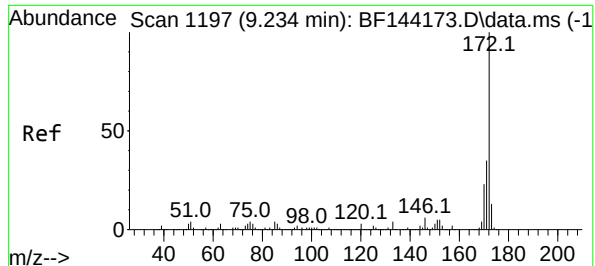
196 100

198 93.9 76.1 114.1

97 38.4 31.9 47.9

132 23.4 19.4 29.2

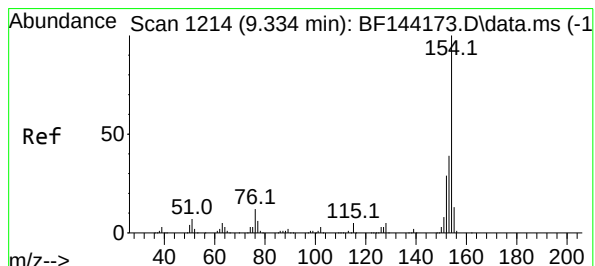
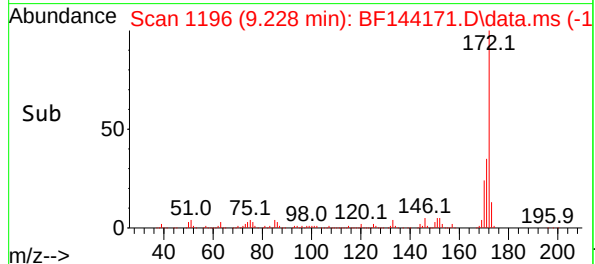
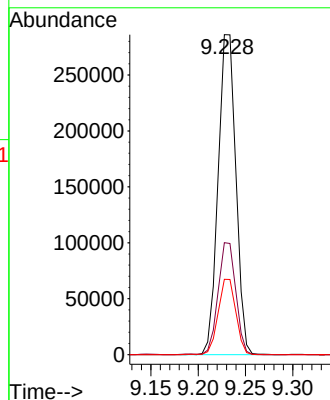
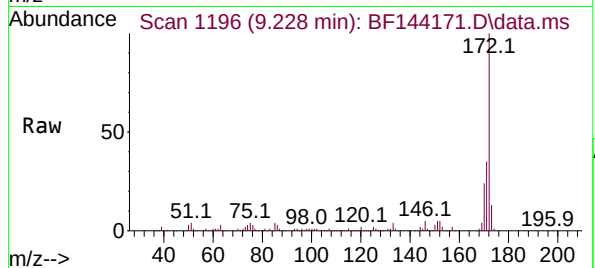




#45
2-Fluorobiphenyl
Concen: 21.090 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

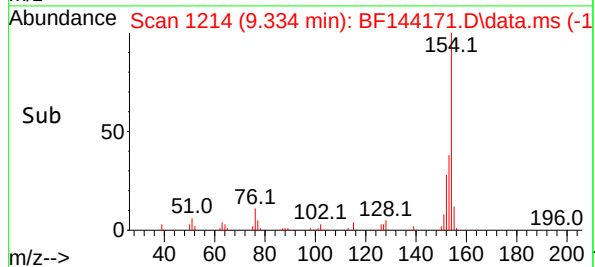
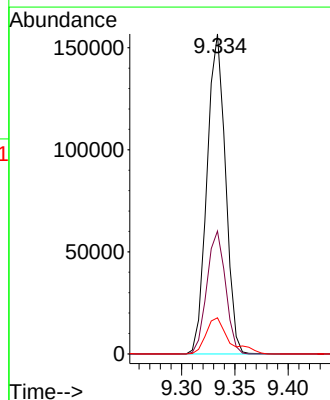
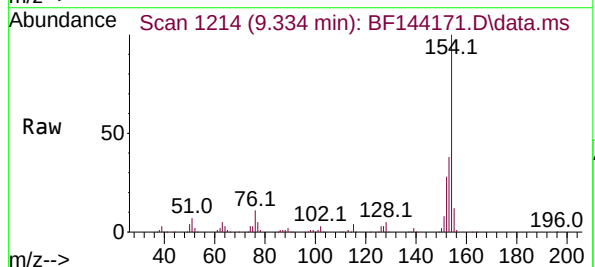
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

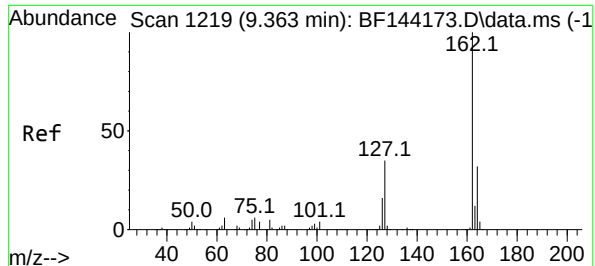
Tgt Ion:172 Resp: 372845
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.355 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:154 Resp: 188739
Ion Ratio Lower Upper
154 100
153 38.4 19.2 59.2
76 11.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 10.211 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

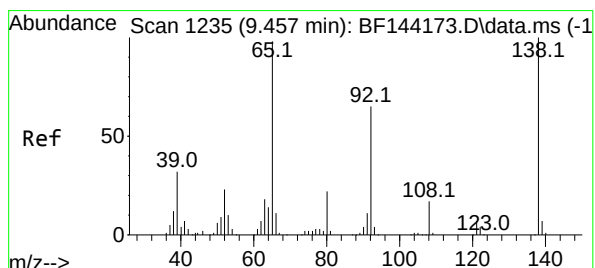
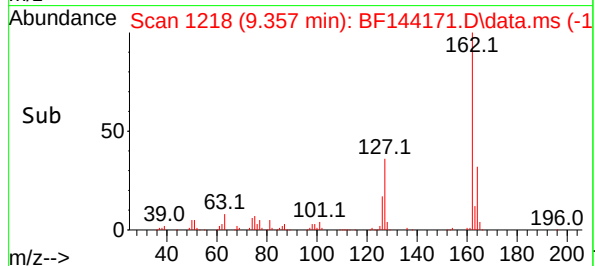
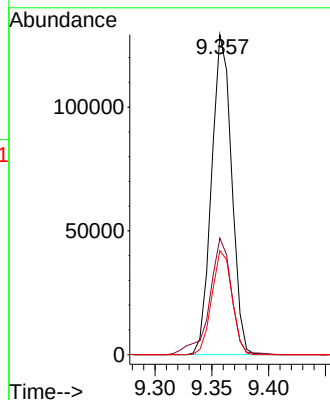
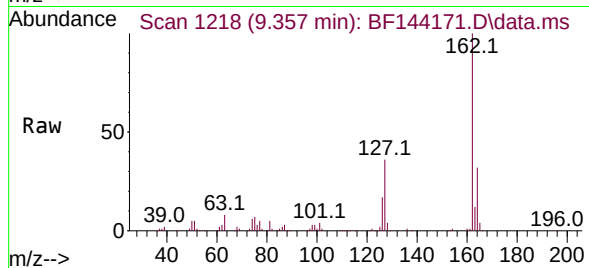
Tgt Ion:162 Resp: 158745

Ion Ratio Lower Upper

162 100

127 36.4 28.8 43.2

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 10.104 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

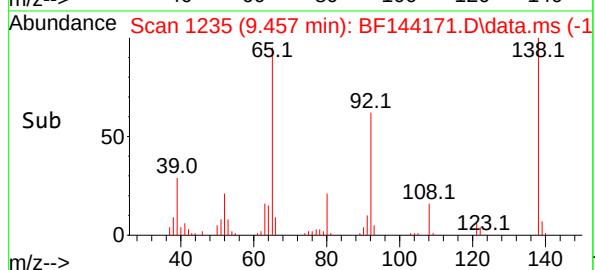
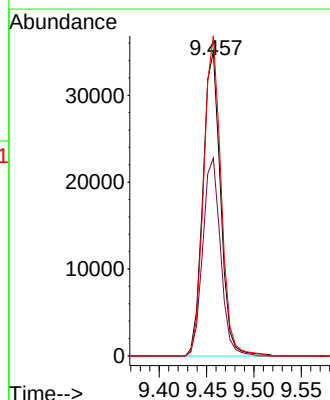
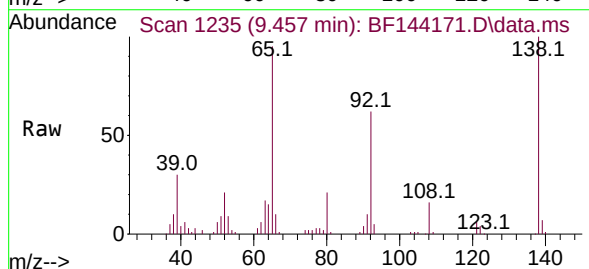
Tgt Ion: 65 Resp: 45323

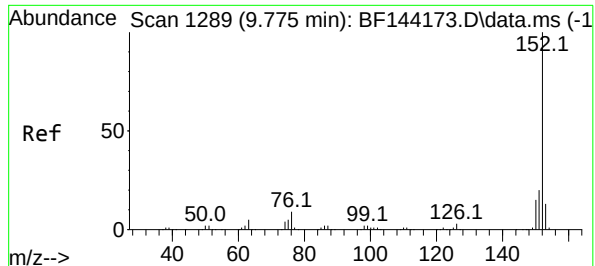
Ion Ratio Lower Upper

65 100

92 65.0 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 10.390 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

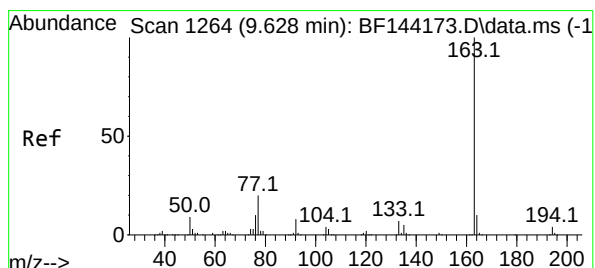
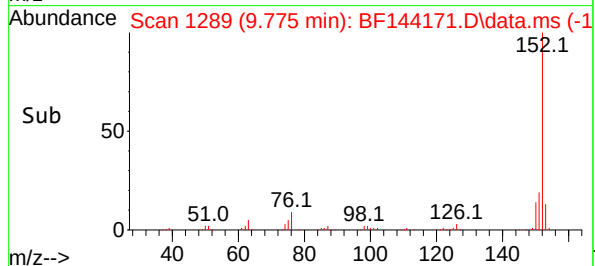
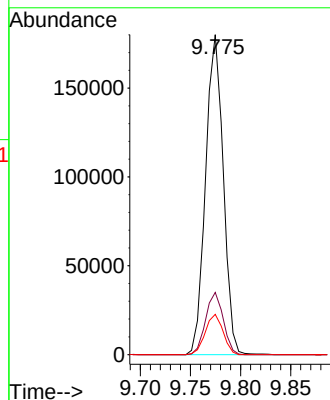
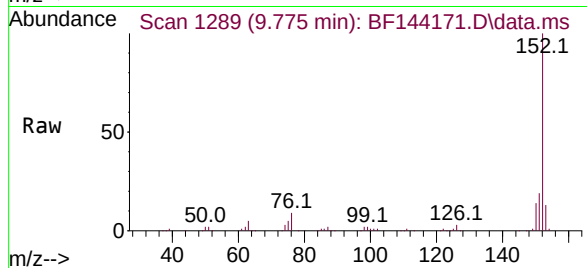
Tgt Ion:152 Resp: 220118

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

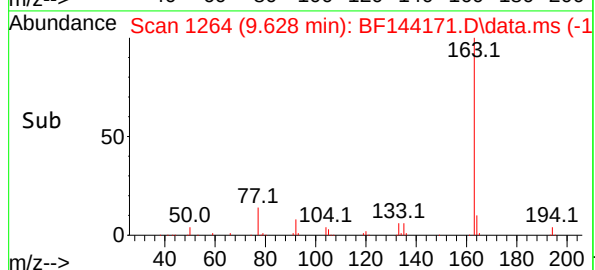
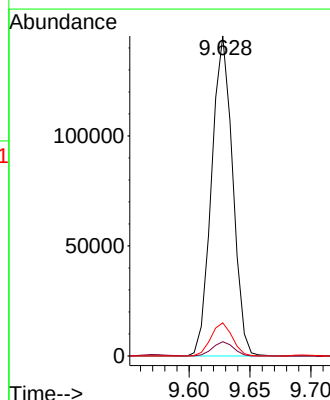
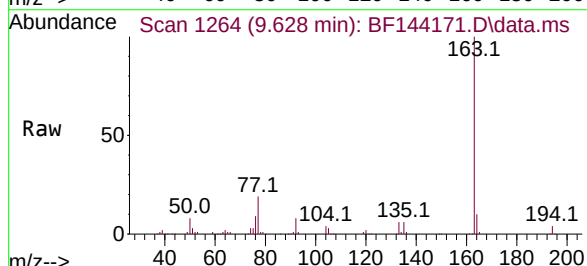
Tgt Ion:163 Resp: 175284

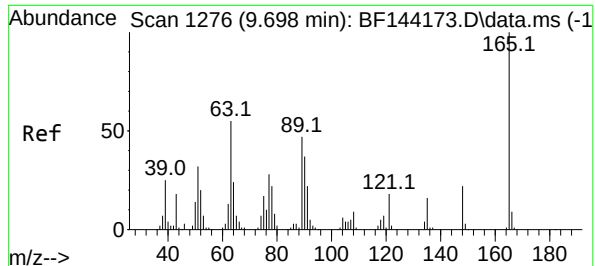
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

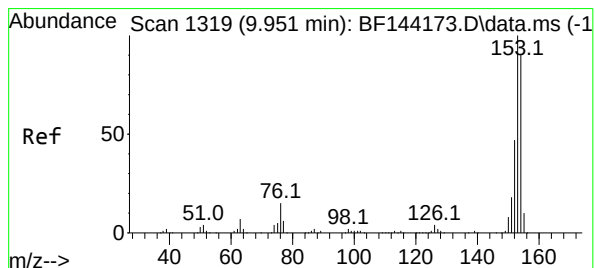
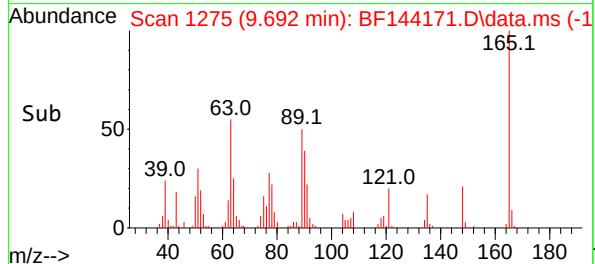
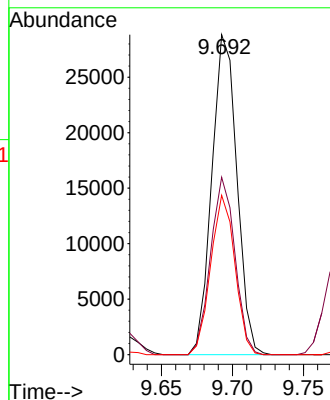
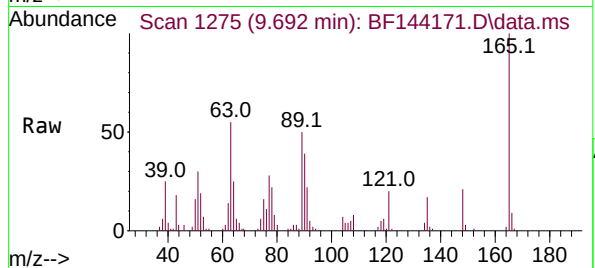




#51
2,6-Dinitrotoluene
Concen: 10.119 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

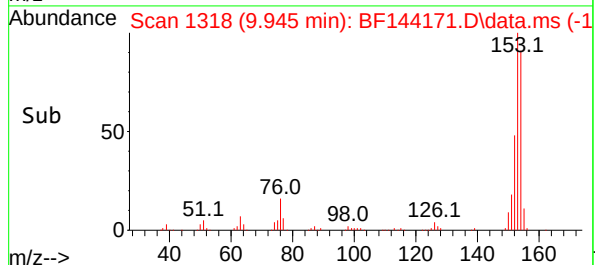
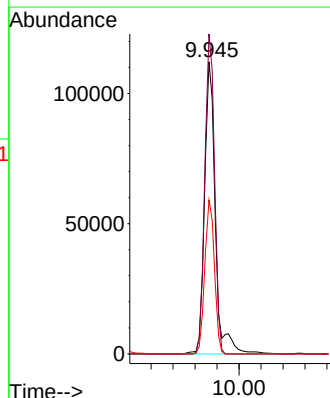
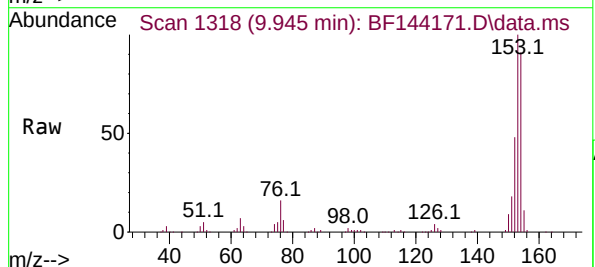
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

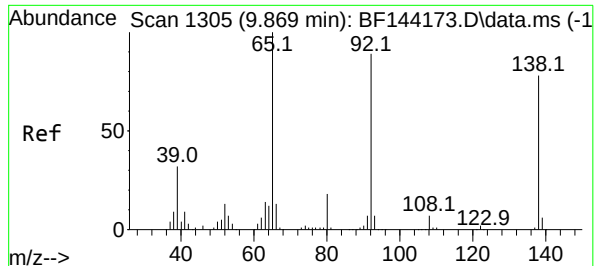
Tgt Ion	165	Ratio	100	Lower	Upper
165	100				
63	55.4		43.8	65.8	
89	49.8		37.5	56.3	



#52
Acenaphthene
Concen: 10.705 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	154	Ratio	100	Lower	Upper
154	100				
153	109.5		89.0	133.4	
152	52.7		42.2	63.4	





#53

3-Nitroaniline

Concen: 10.259 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

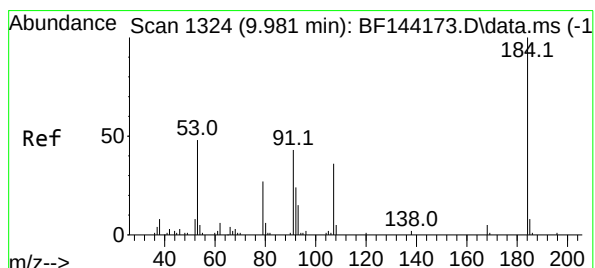
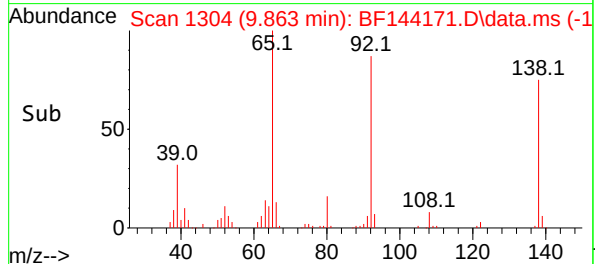
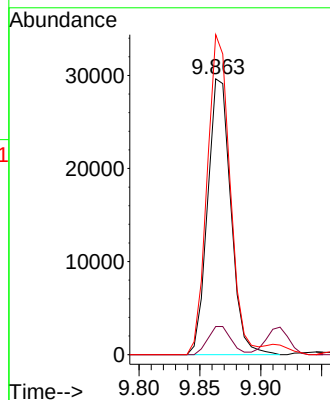
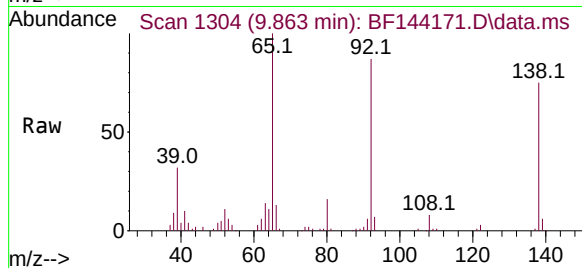
Tgt Ion:138 Resp: 39270

Ion Ratio Lower Upper

138 100

108 10.2 7.5 11.3

92 116.1 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 12.447 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

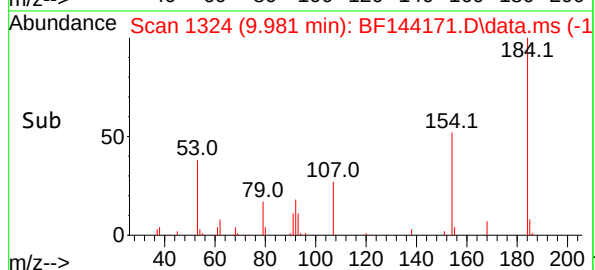
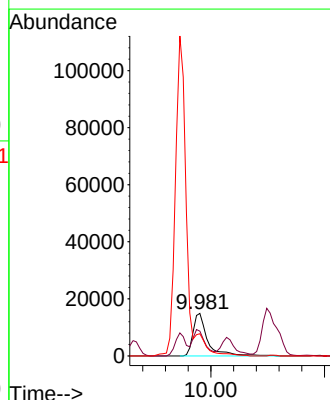
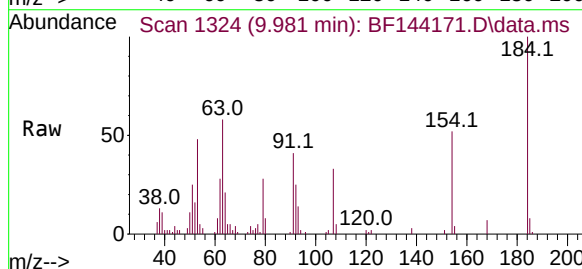
Tgt Ion:184 Resp: 26319

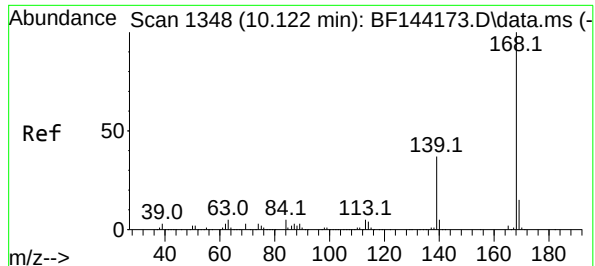
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 51.9 42.4 63.6





#55

Dibenzofuran

Concen: 10.530 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

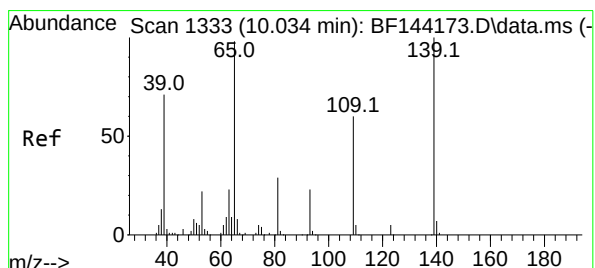
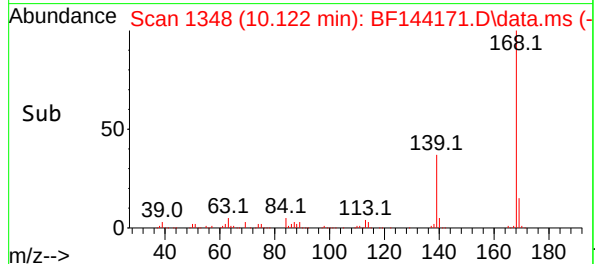
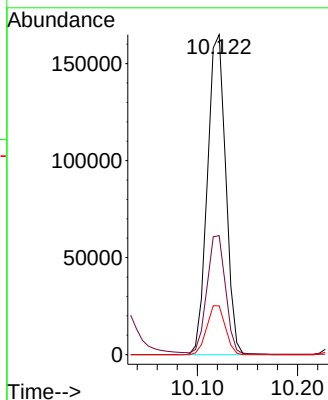
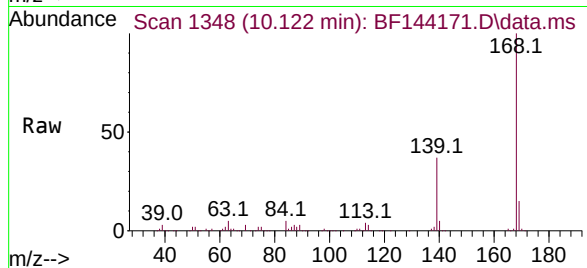
Tgt Ion:168 Resp: 208943

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 12.867 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

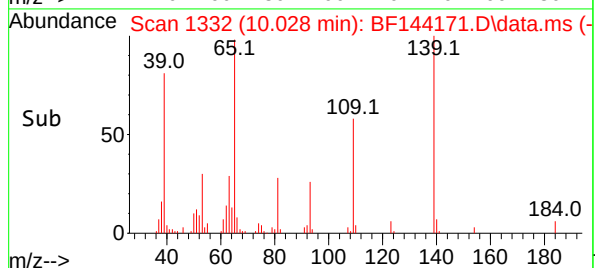
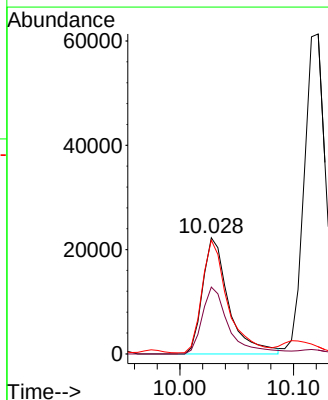
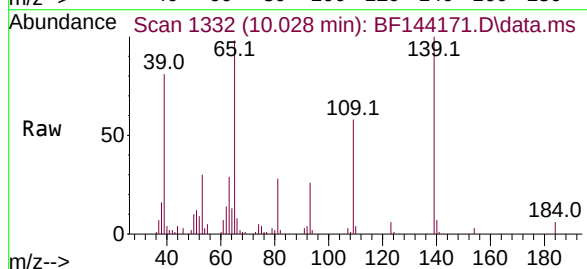
Tgt Ion:139 Resp: 35627

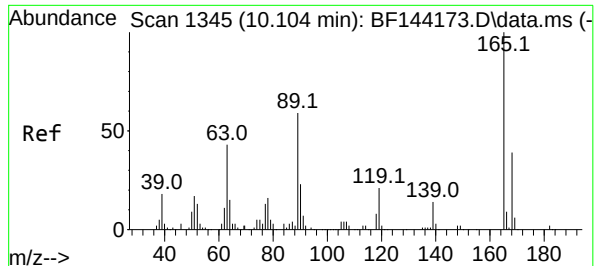
Ion Ratio Lower Upper

139 100

109 57.6 39.9 79.9

65 98.0 79.5 119.5

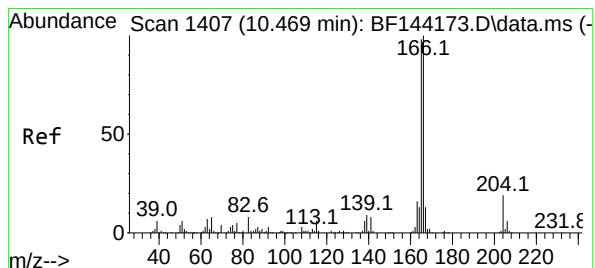
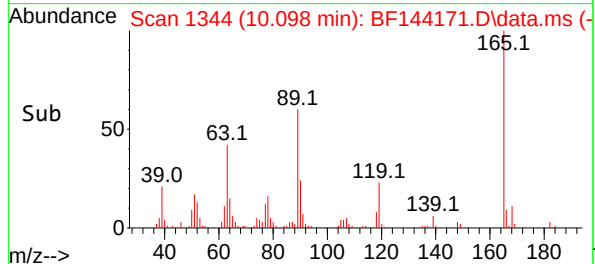
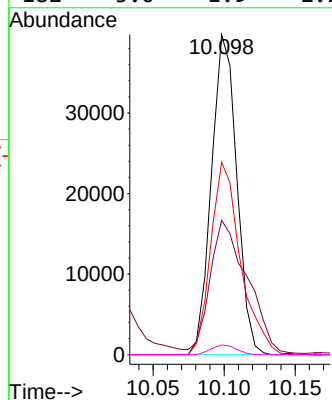
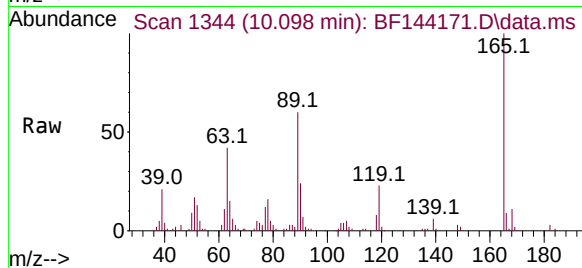




#57
2,4-Dinitrotoluene
Concen: 10.508 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

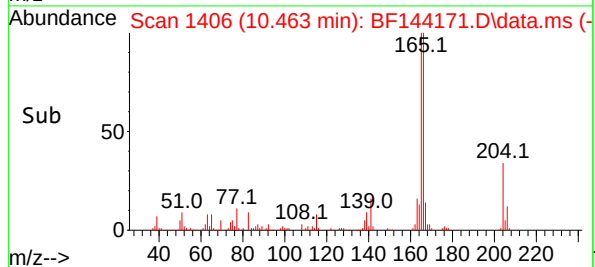
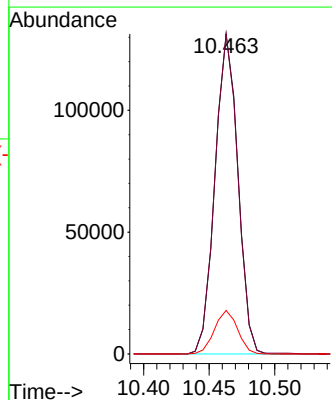
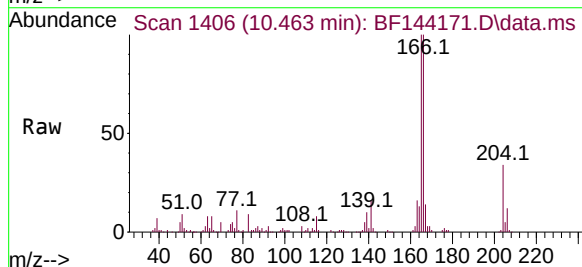
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

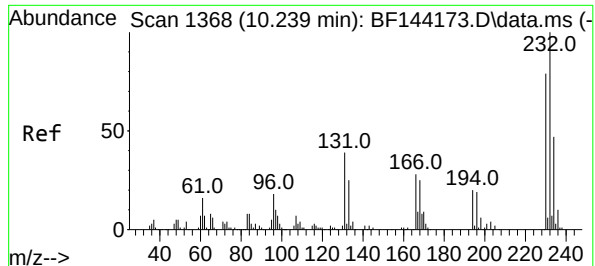
Tgt Ion:165 Resp: 49257
Ion Ratio Lower Upper
165 100
63 42.0 35.5 53.3
89 60.1 47.4 71.2
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 10.581 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:166 Resp: 159623
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 13.6 10.4 15.6

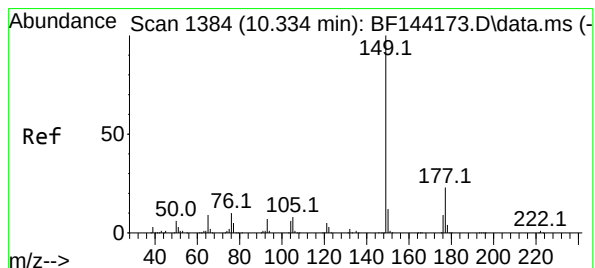
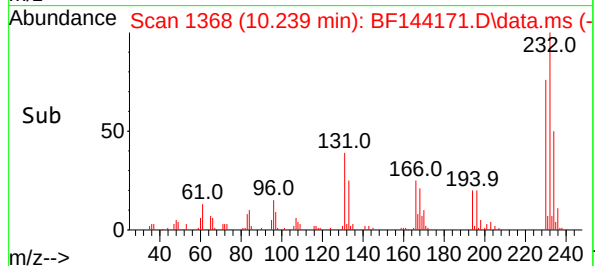
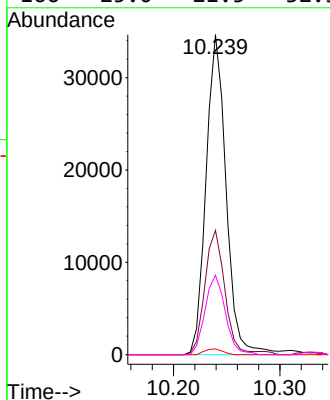
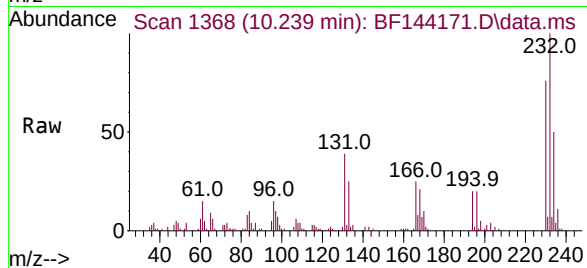




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

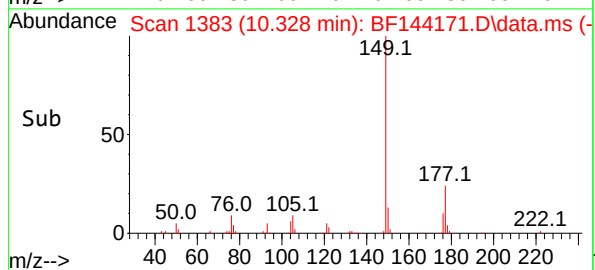
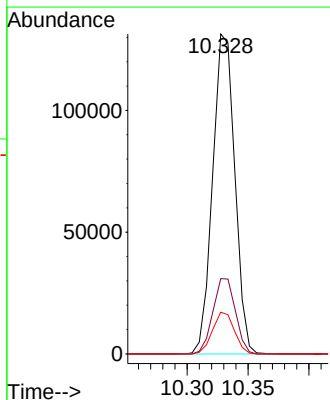
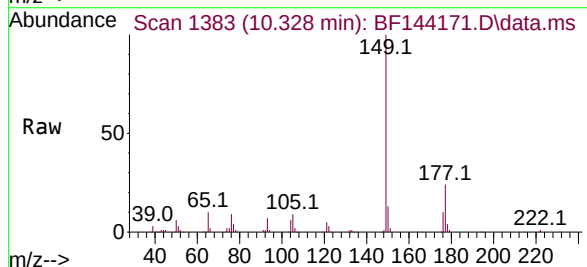
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

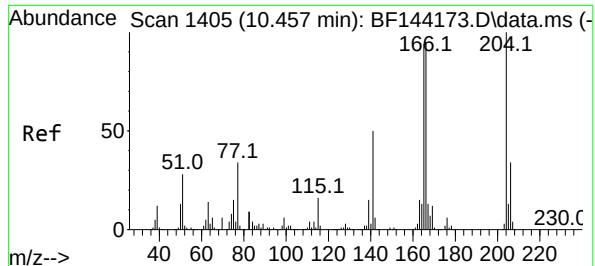
Tgt Ion:232 Resp: 45333
Ion Ratio Lower Upper
232 100
131 39.1 30.3 45.5
130 1.6 1.2 1.8
166 25.0 21.5 32.3



#60
Diethylphthalate
Concen: 10.426 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 166246
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 13.0 9.8 14.6

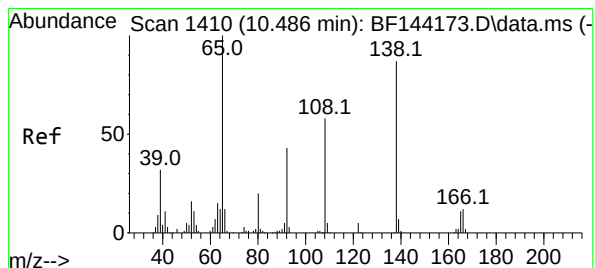
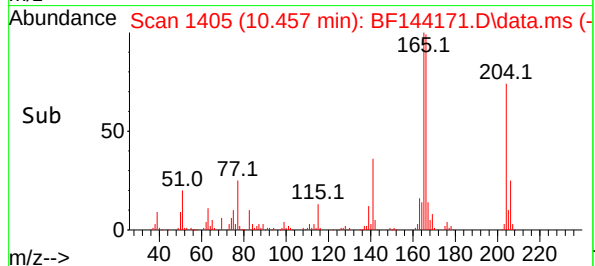
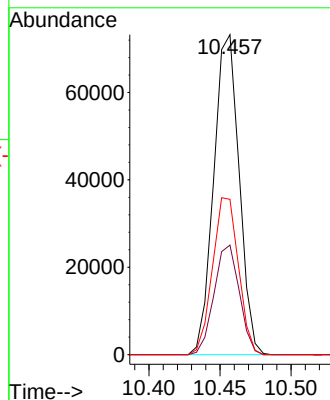
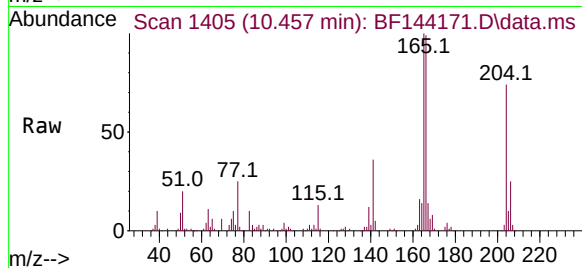




#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

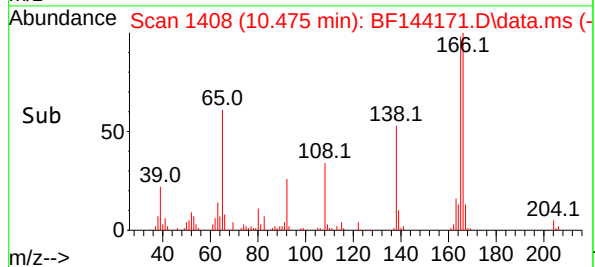
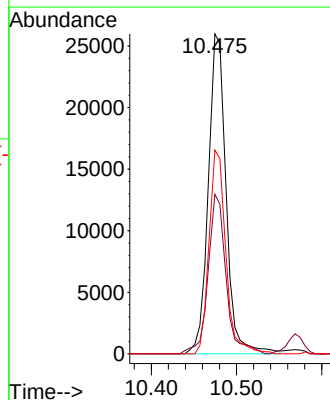
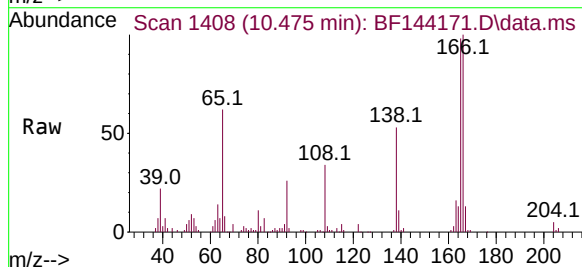
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

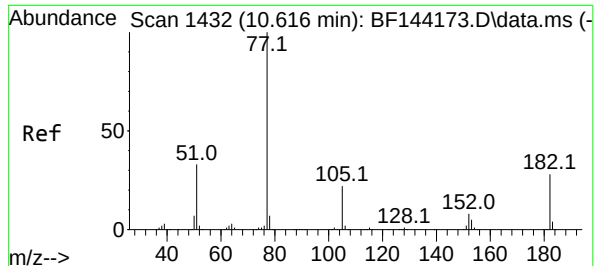
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	48.5	40.0	60.0



#62
4-Nitroaniline
Concen: 10.375 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.4	69.4
108	63.7	46.4	86.4

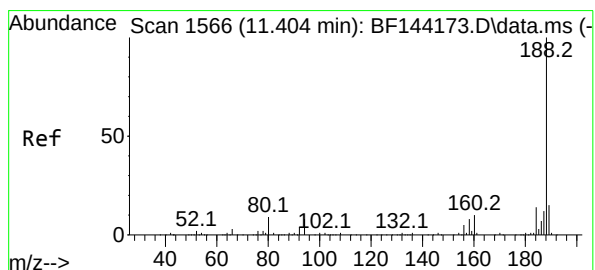
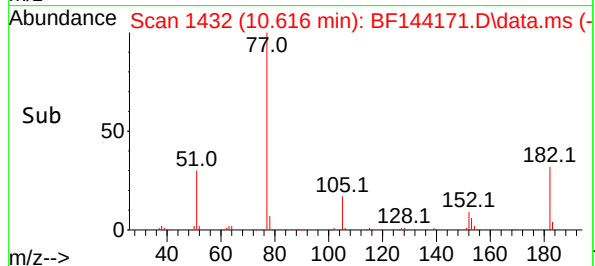
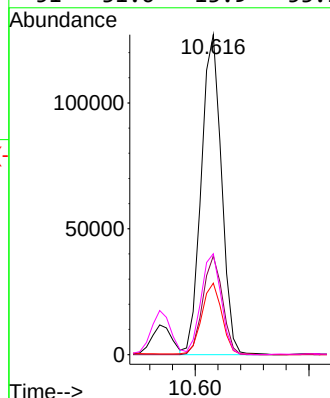
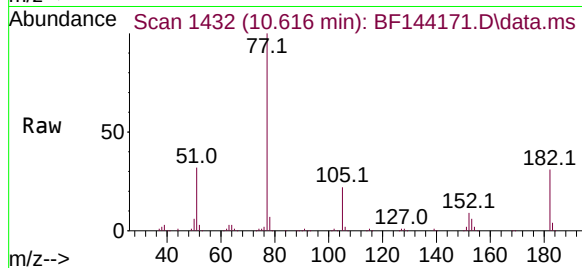




#63
Azobenzene
Concen: 10.586 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

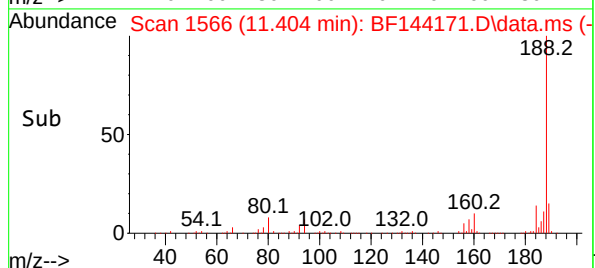
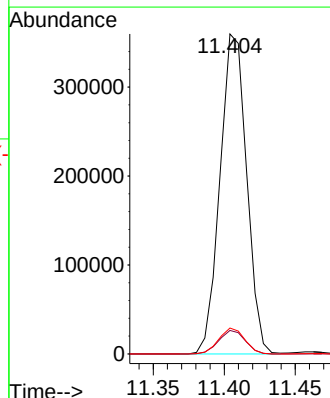
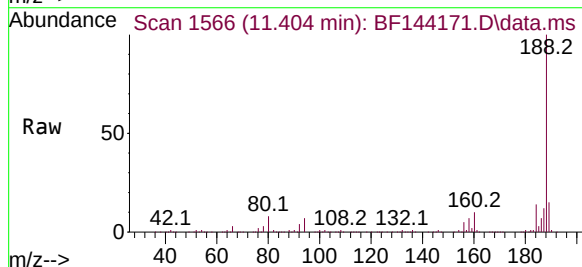
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

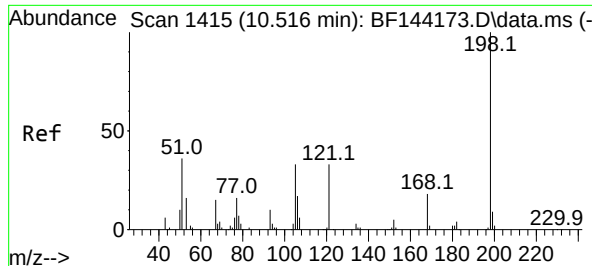
Tgt Ion:	77	Resp:	157098
Ion	Ratio	Lower	Upper
77	100		
182	30.8	8.1	48.1
105	22.3	2.0	42.0
51	31.6	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	188	Resp:	469428
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.1	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 10.823 ng

RT: 10.510 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

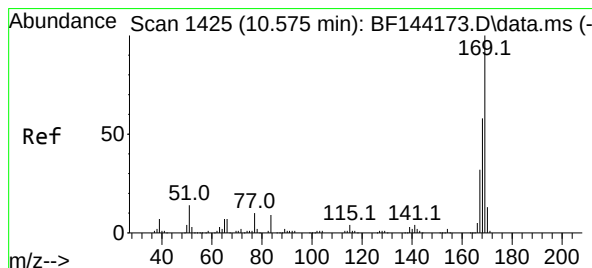
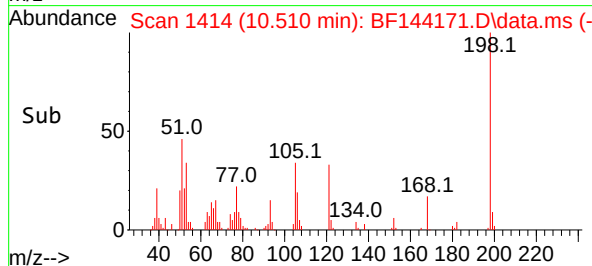
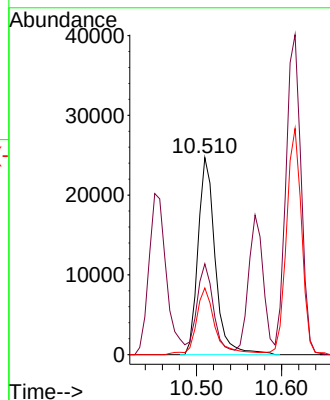
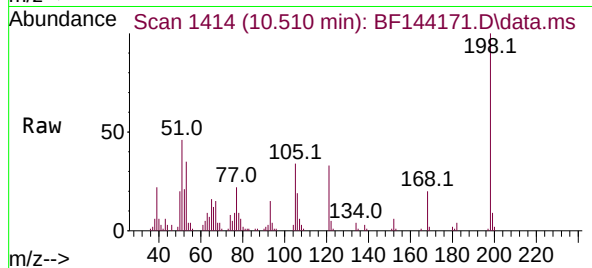
Tgt Ion:198 Resp: 34516

Ion Ratio Lower Upper

198 100

51 46.1 25.6 65.6

105 33.8 14.6 54.6



#66

n-Nitrosodiphenylamine

Concen: 10.509 ng

RT: 10.569 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

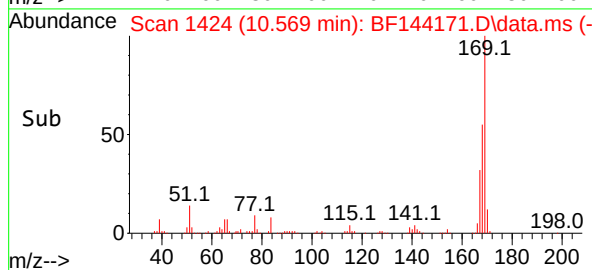
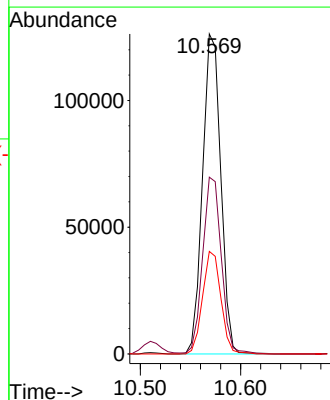
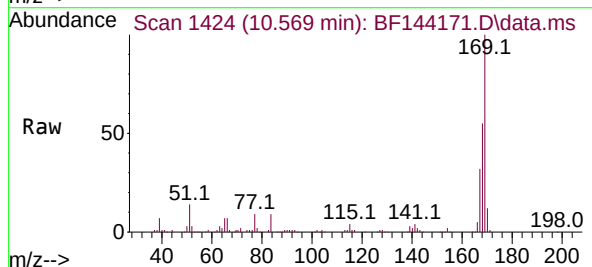
Tgt Ion:169 Resp: 158661

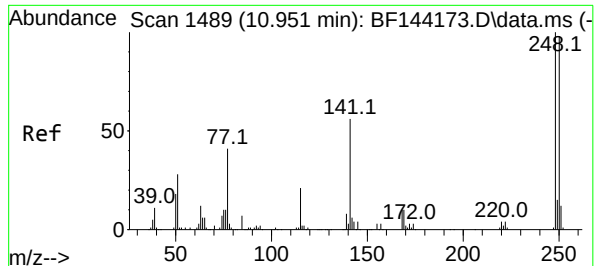
Ion Ratio Lower Upper

169 100

168 55.2 46.2 69.2

167 32.0 25.7 38.5

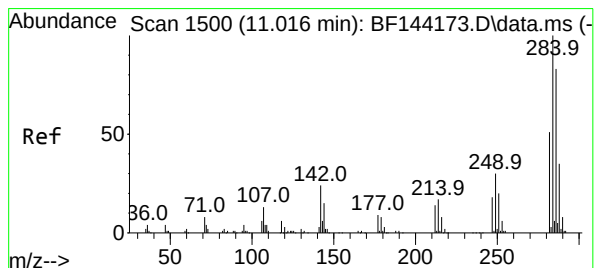
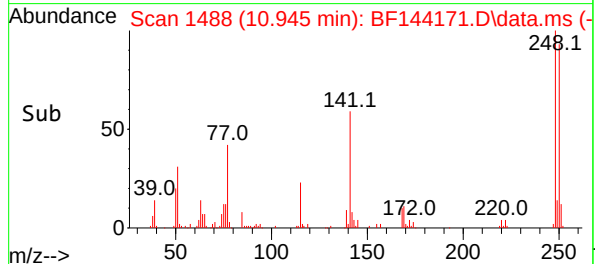
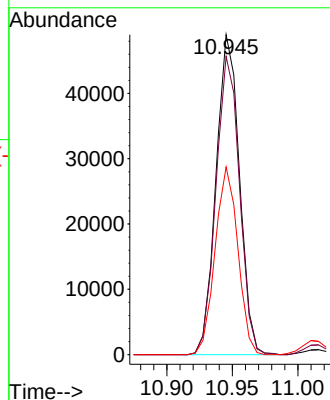
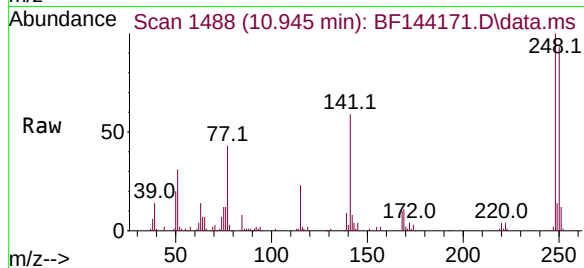




#67
4-Bromophenyl-phenylether
Concen: 10.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

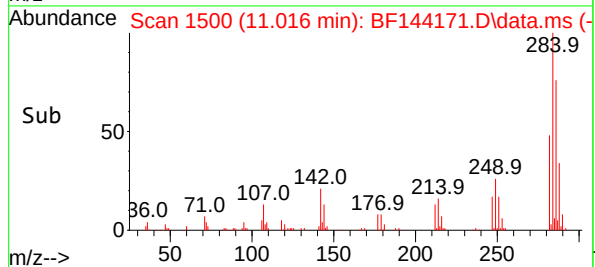
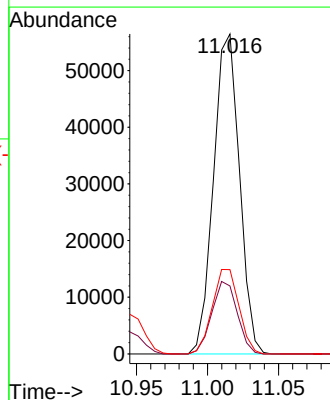
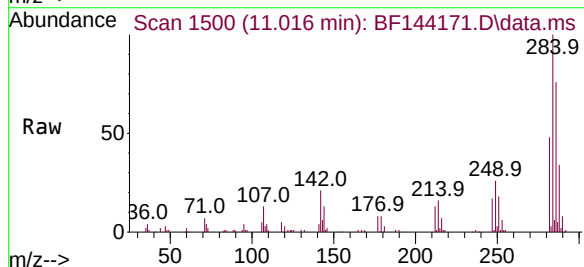
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

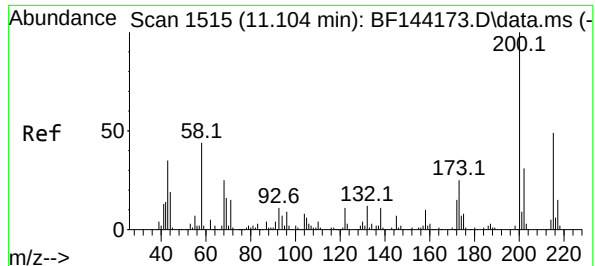
Tgt Ion:248 Resp: 60929
Ion Ratio Lower Upper
248 100
250 93.2 78.4 117.6
141 58.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 10.168 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:284 Resp: 71759
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 26.3 23.8 35.8





#69

Atrazine

Concen: 10.302 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

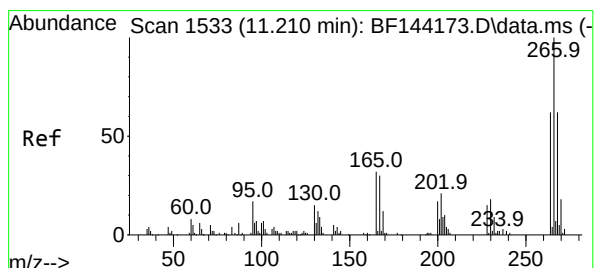
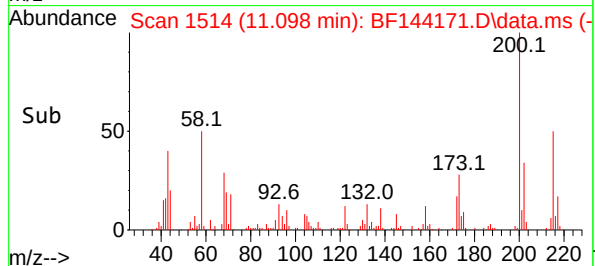
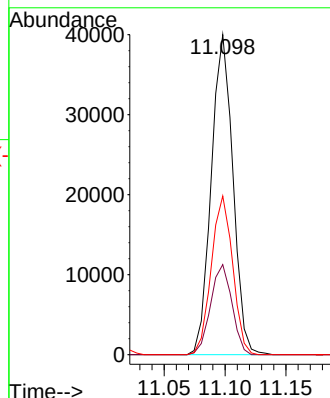
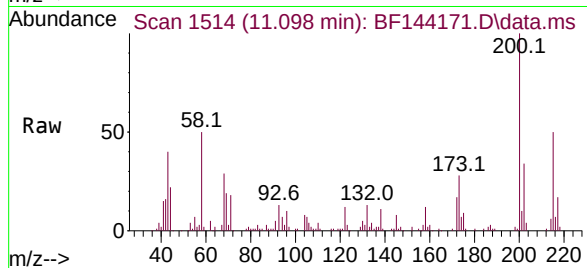
Tgt Ion:200 Resp: 49466

Ion Ratio Lower Upper

200 100

173 28.1 5.0 45.0

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 9.012 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

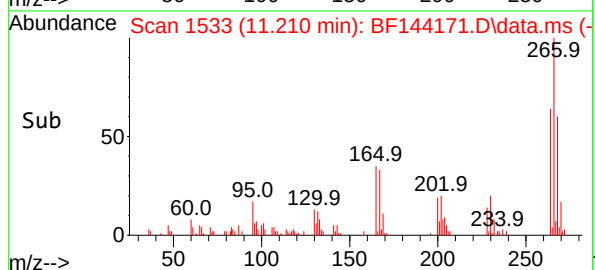
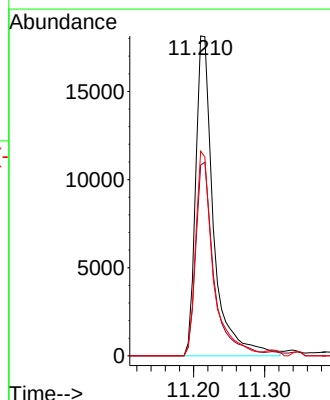
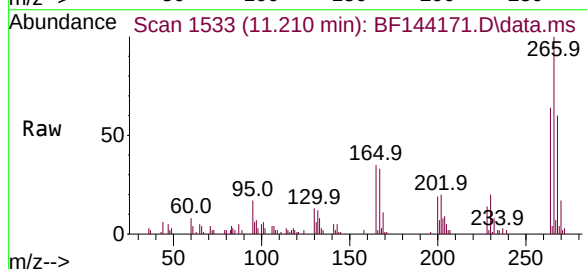
Tgt Ion:266 Resp: 31673

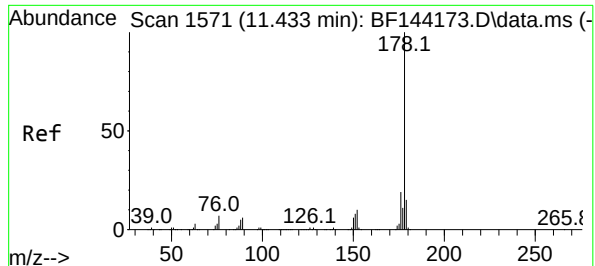
Ion Ratio Lower Upper

266 100

268 59.6 49.5 74.3

264 64.0 49.4 74.2

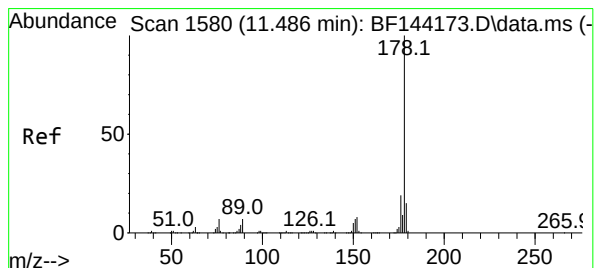
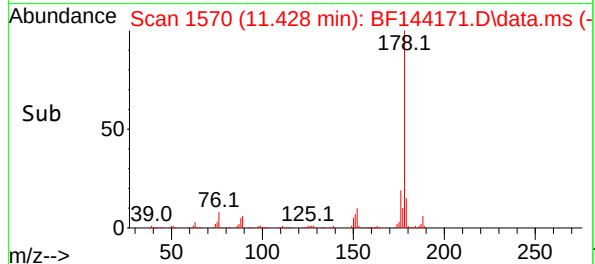
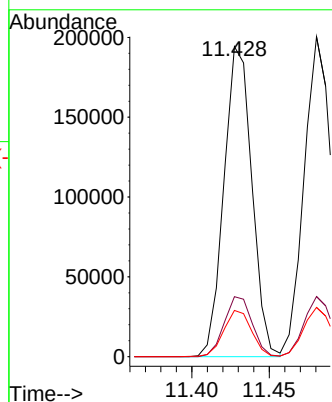
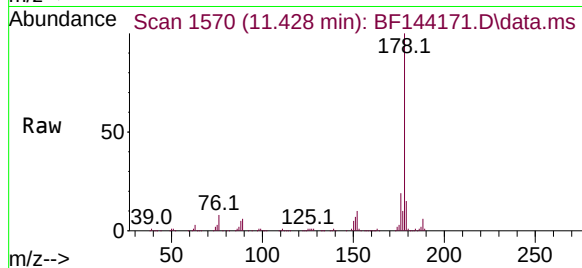




#71
Phenanthrene
Concen: 10.460 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

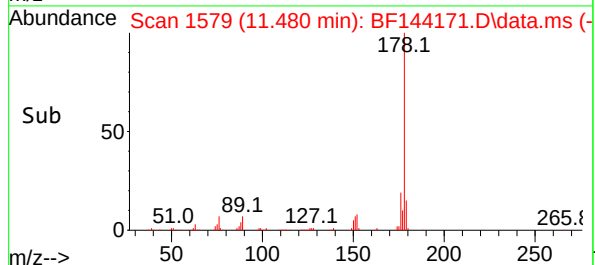
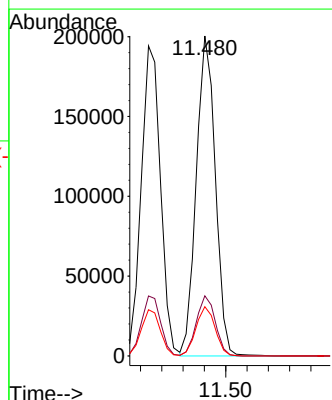
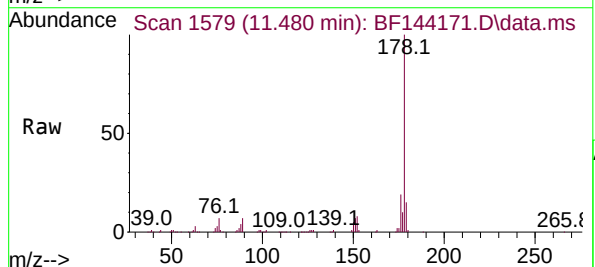
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

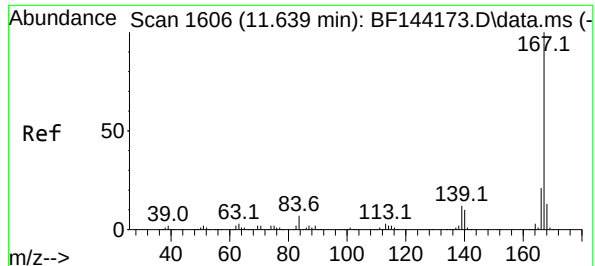
Tgt Ion:178 Resp: 244478
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 10.457 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

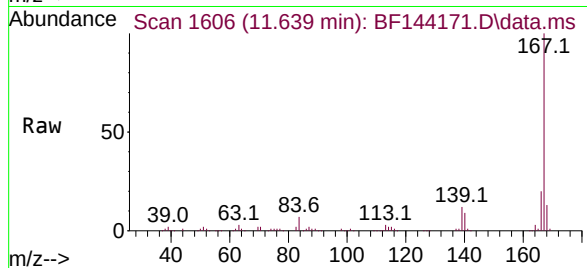
Tgt Ion:178 Resp: 248511
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0



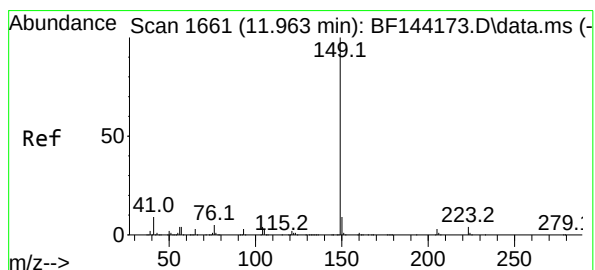
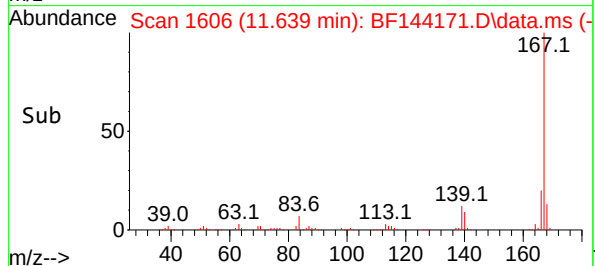
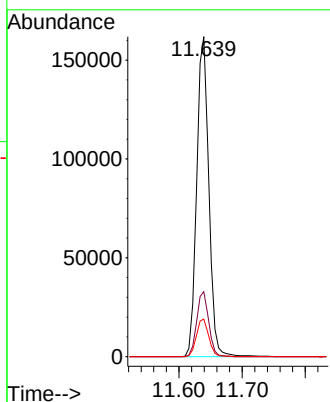


#73
Carbazole
Concen: 10.652 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

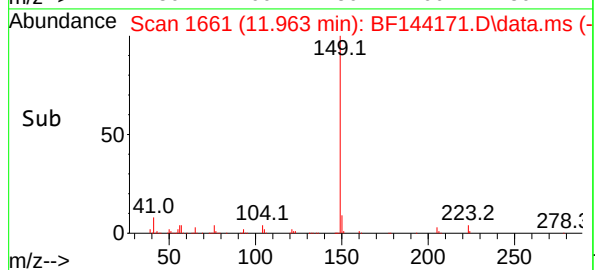
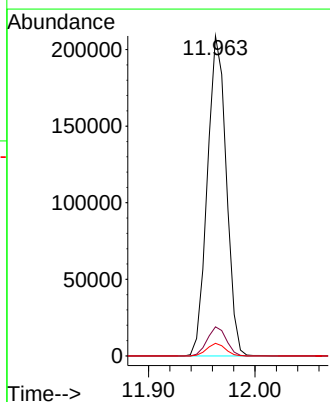
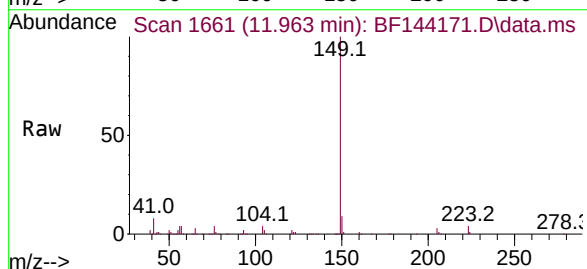


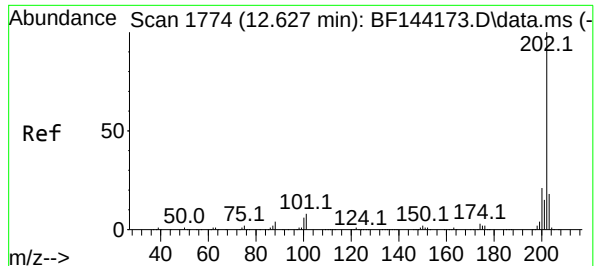
Tgt Ion:167 Resp: 215269
Ion Ratio Lower Upper
167 100
166 20.3 17.2 25.8
139 11.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 10.580 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

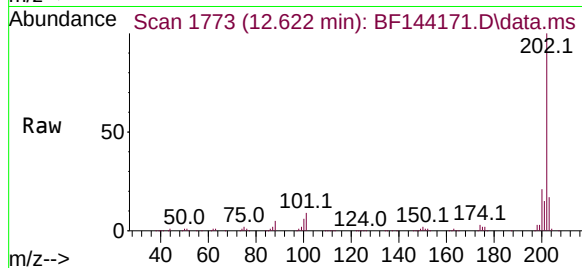
Tgt Ion:149 Resp: 258464
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 3.9 3.4 5.2



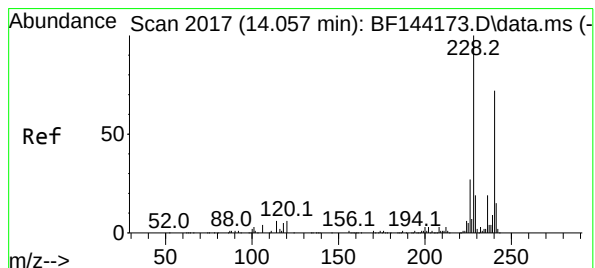
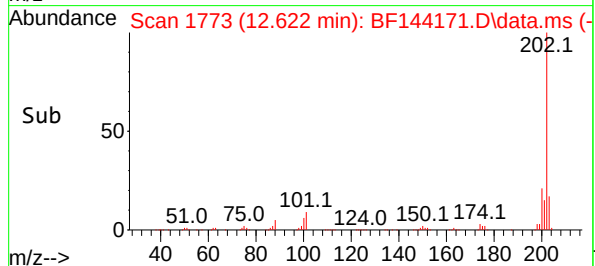
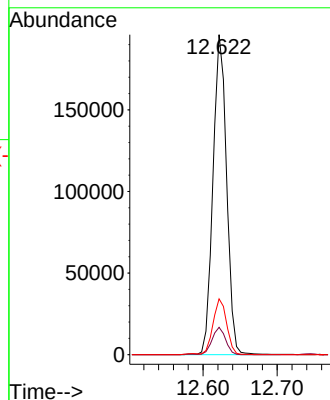


#75
Fluoranthene
Concen: 10.359 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

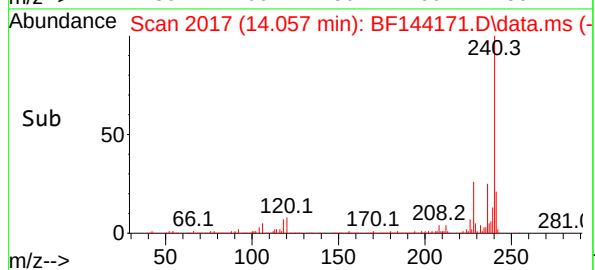
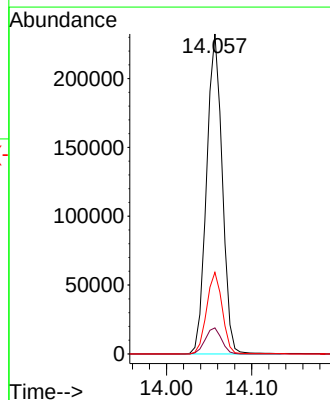
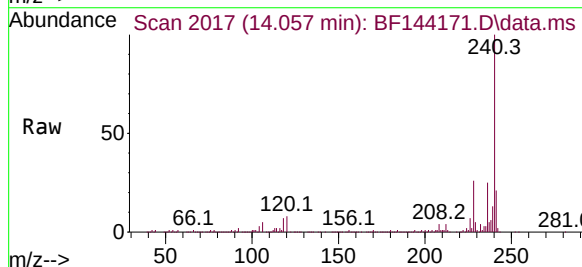


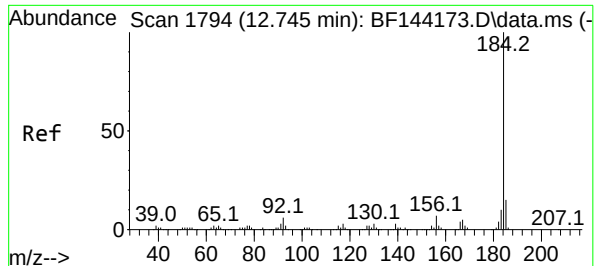
Tgt Ion:202 Resp: 250112
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:240 Resp: 296506
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 11.958 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

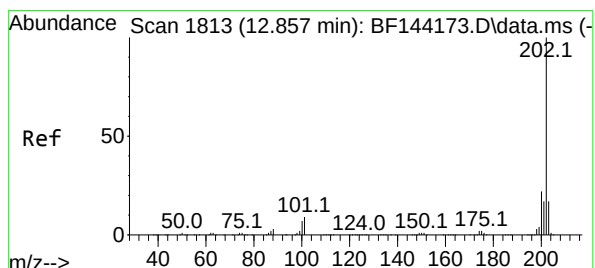
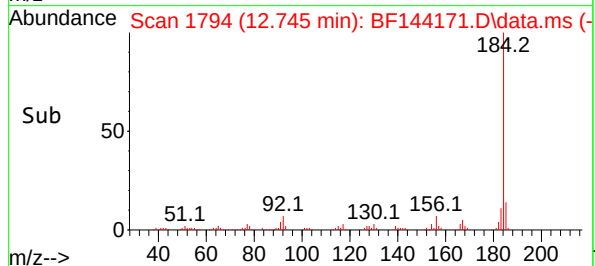
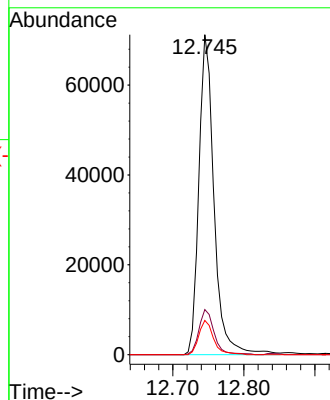
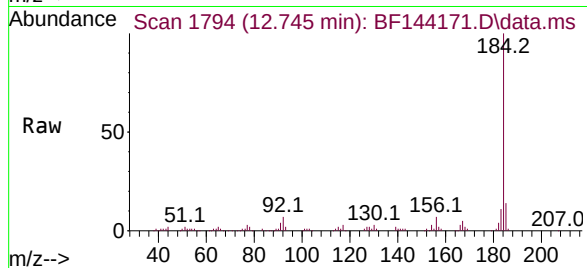
Tgt Ion:184 Resp: 104876

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.7 8.3 12.5



#78

Pyrene

Concen: 10.823 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

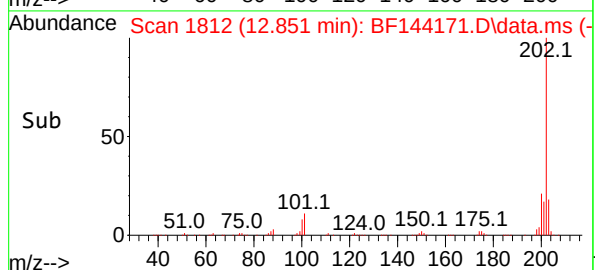
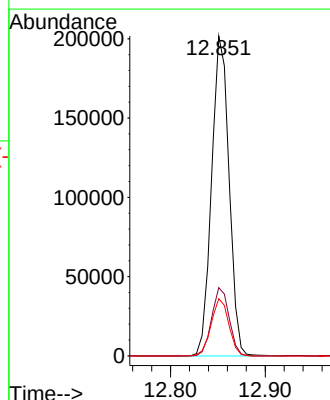
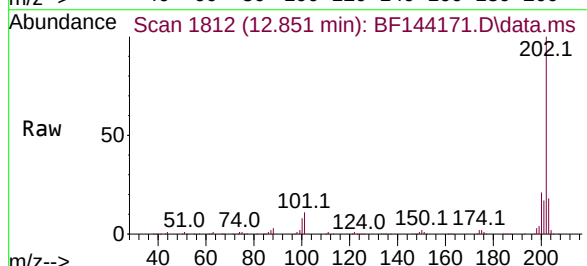
Tgt Ion:202 Resp: 258743

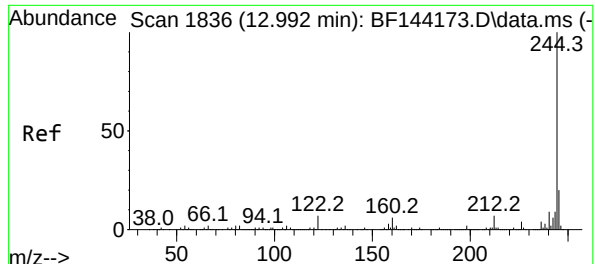
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.9 13.7 20.5





#79

Terphenyl-d14

Concen: 22.476 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144171.D

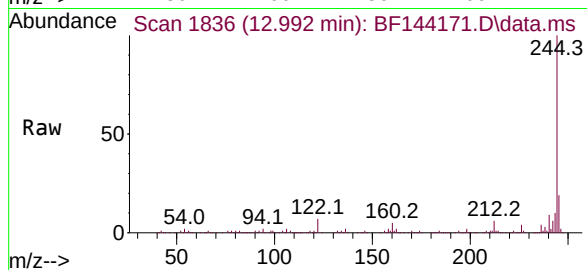
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



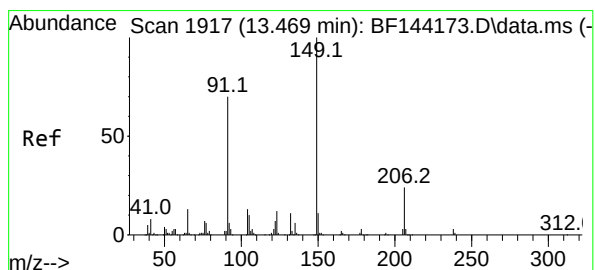
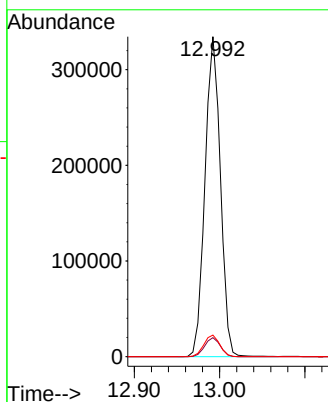
Tgt Ion:244 Resp: 419548

Ion Ratio Lower Upper

244 100

212 5.9 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 10.556 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

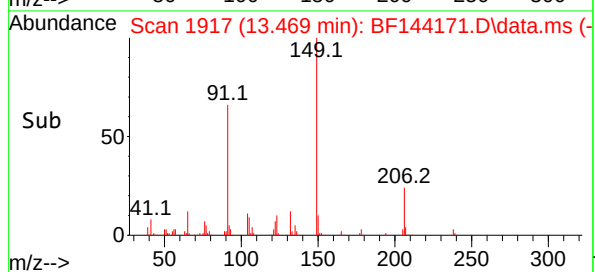
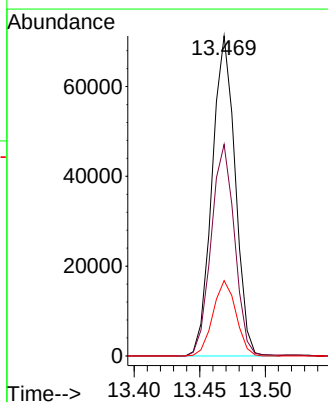
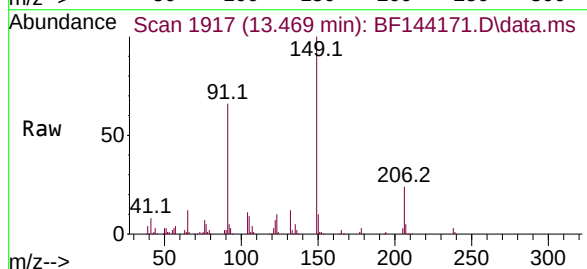
Tgt Ion:149 Resp: 87462

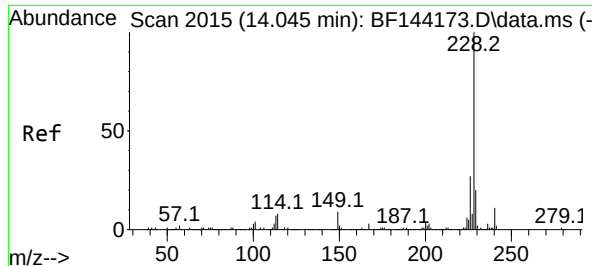
Ion Ratio Lower Upper

149 100

91 66.1 56.1 84.1

206 23.6 18.8 28.2

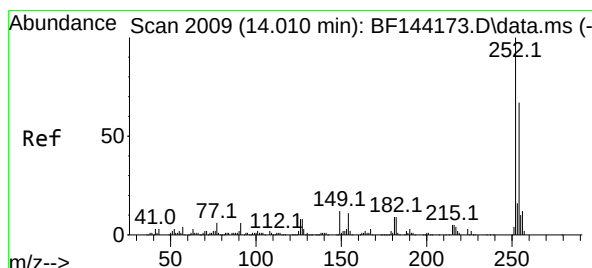
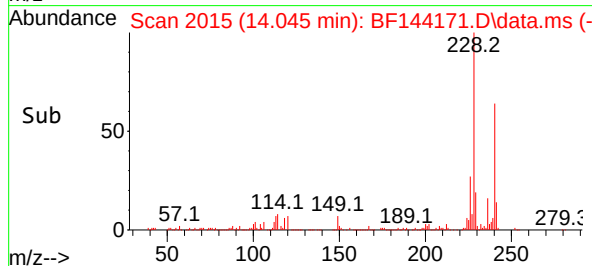
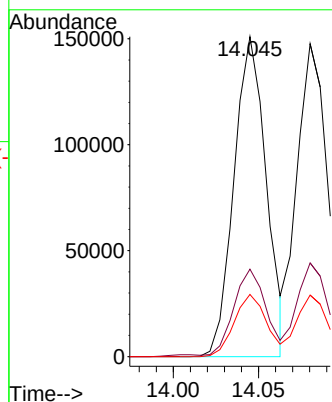
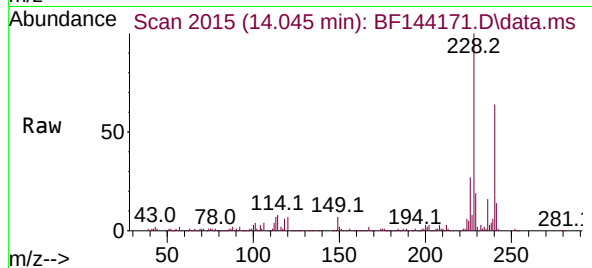




#81
Benzo(a)anthracene
Concen: 9.664 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

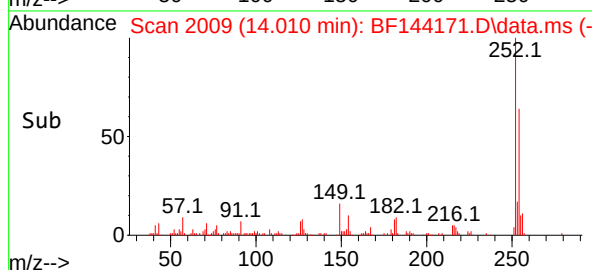
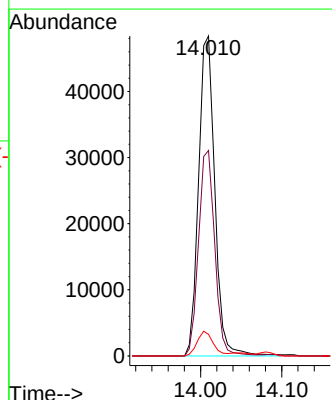
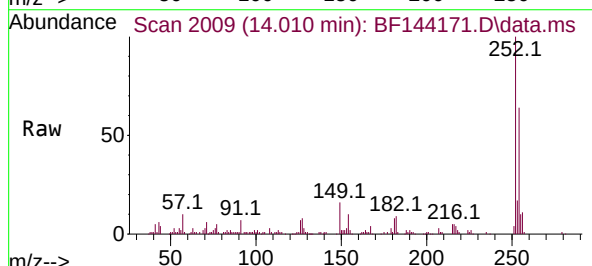
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

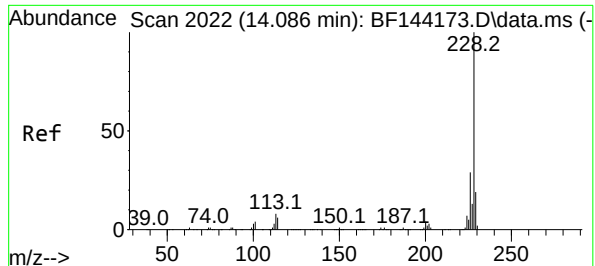
Tgt Ion:228 Resp: 198590
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 9.535 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 67166
Ion Ratio Lower Upper
252 100
254 64.2 53.5 80.3
126 6.7 6.4 9.6





#83

Chrysene

Concen: 9.731 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

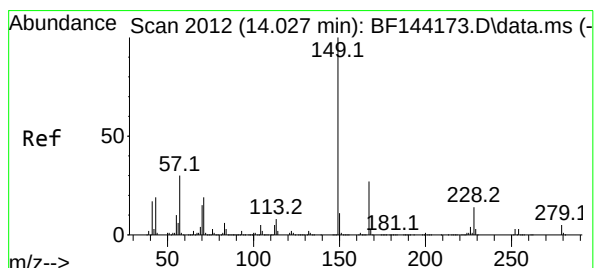
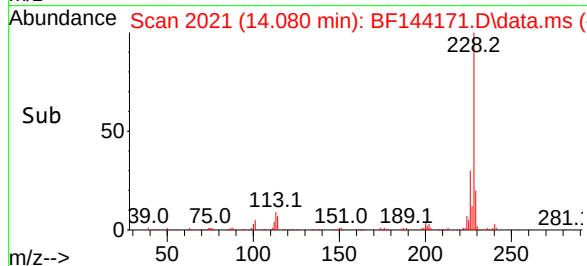
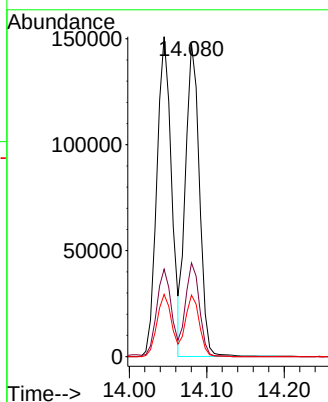
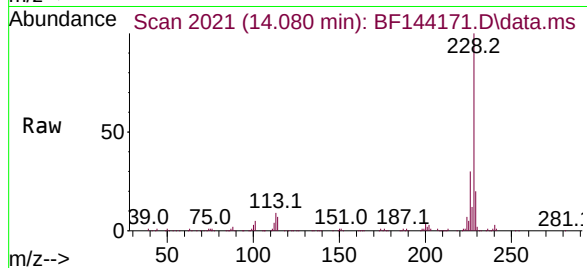
Tgt Ion:228 Resp: 184604

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.662 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

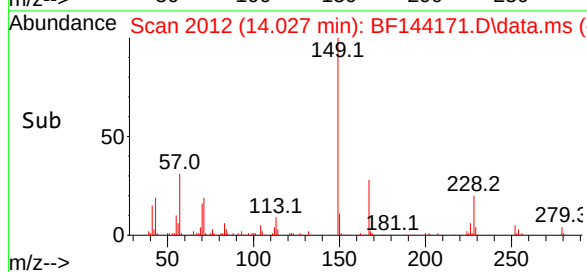
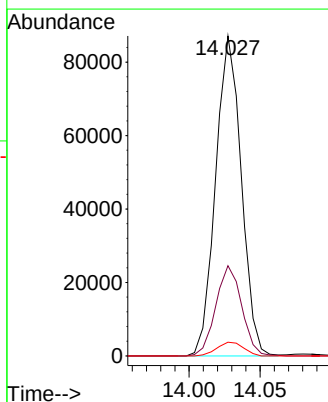
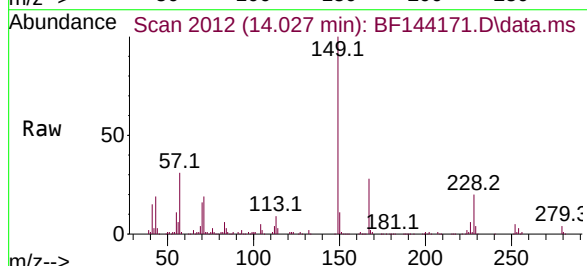
Tgt Ion:149 Resp: 109593

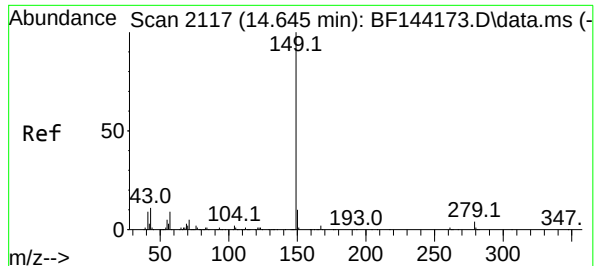
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.3 3.7 5.5

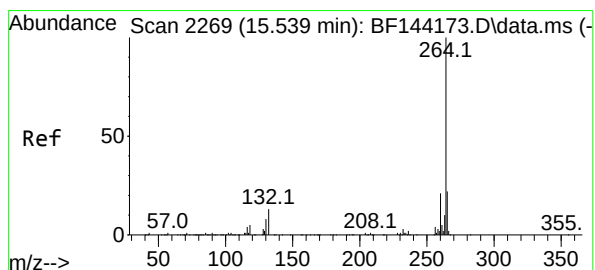
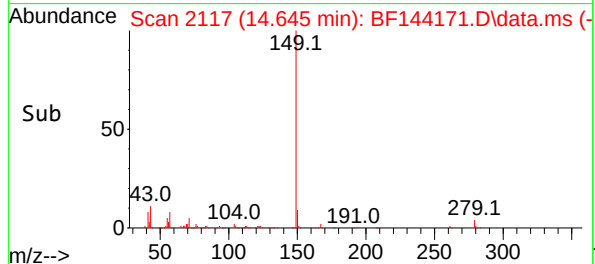
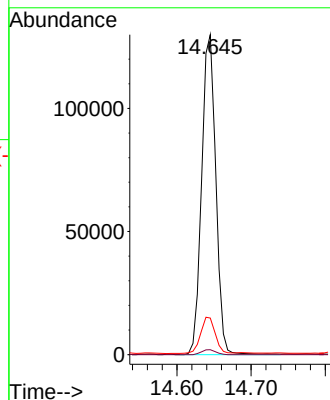
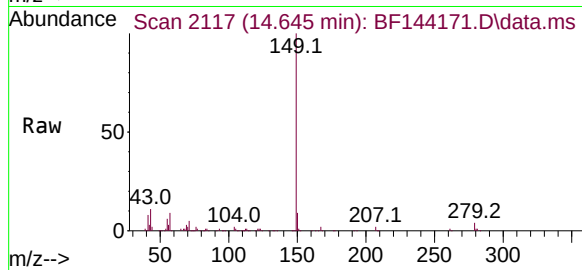




#85
Di-n-octyl phthalate
Concen: 8.811 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

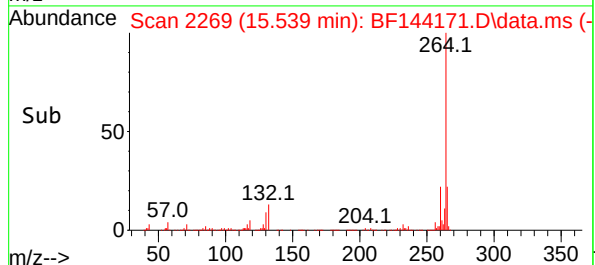
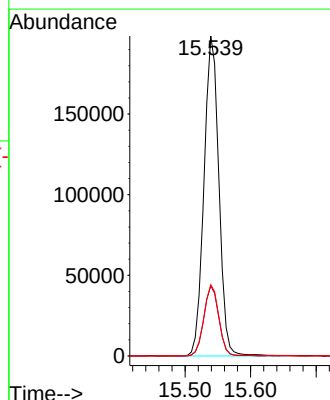
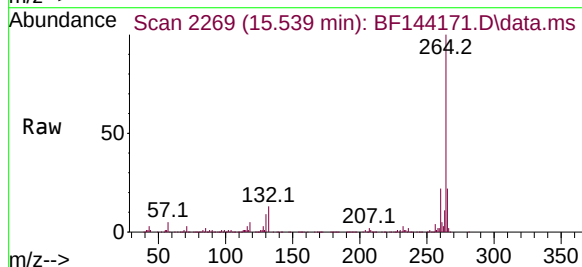
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

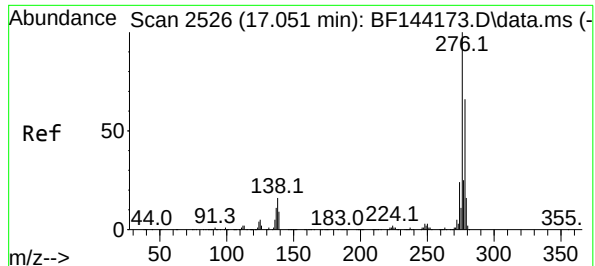
Tgt Ion:149 Resp: 172428
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:264 Resp: 311371
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 22.2 17.4 26.0

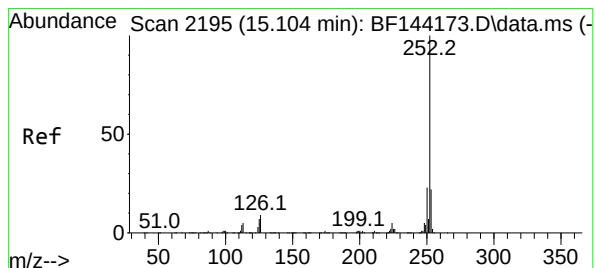
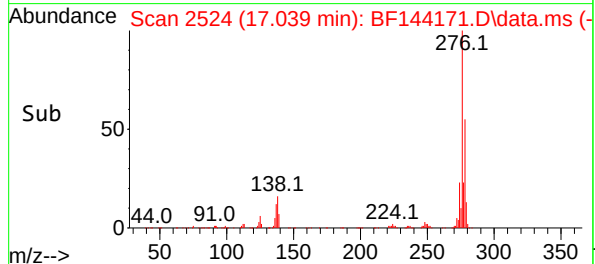
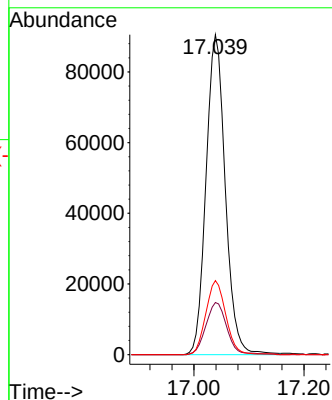
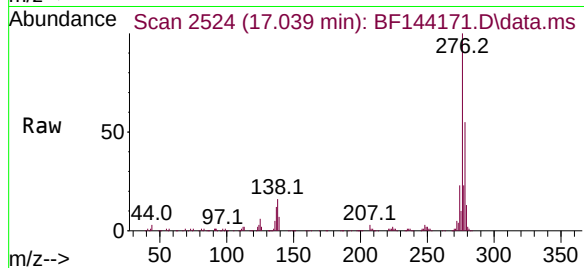




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.831 ng
RT: 17.039 min Scan# 219736
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

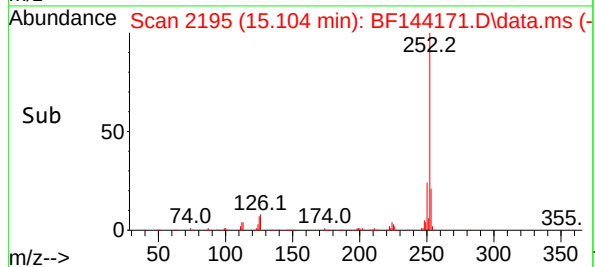
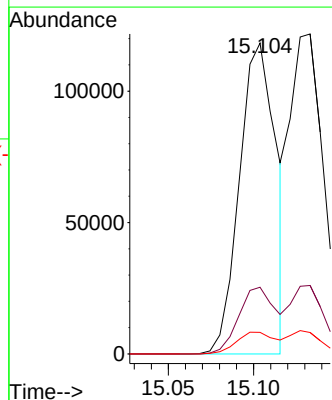
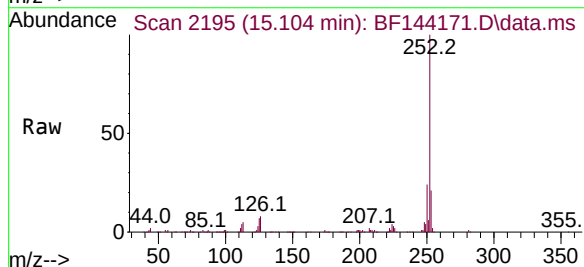
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

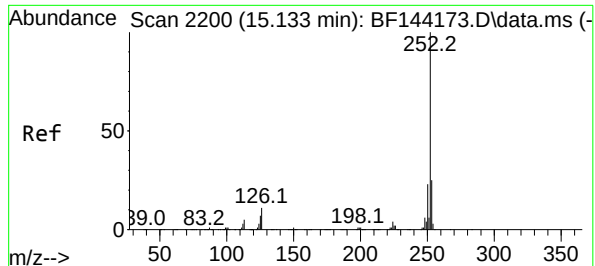
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	23.8	19.8	29.6



#88
Benzo(b)fluoranthene
Concen: 9.963 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	6.9	5.3	7.9





#89

Benzo(k)fluoranthene

Concen: 10.283 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

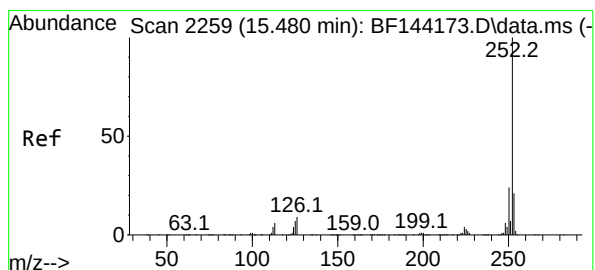
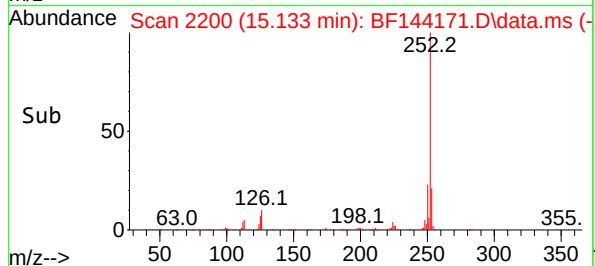
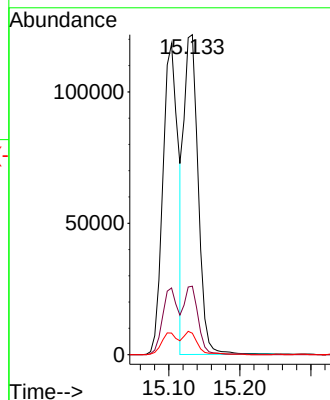
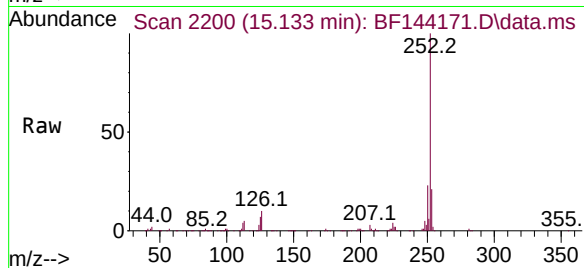
Tgt Ion:252 Resp: 170386

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 10.013 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

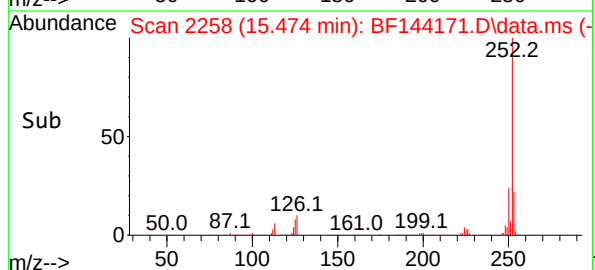
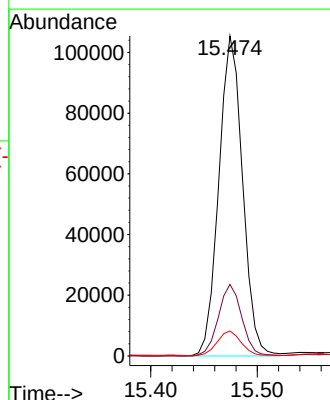
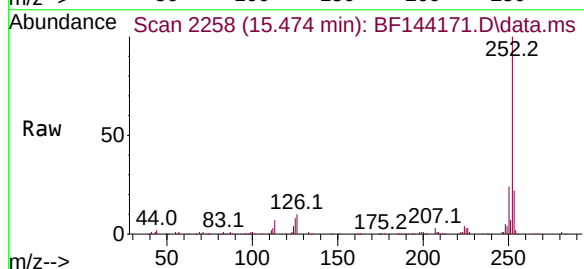
Tgt Ion:252 Resp: 163529

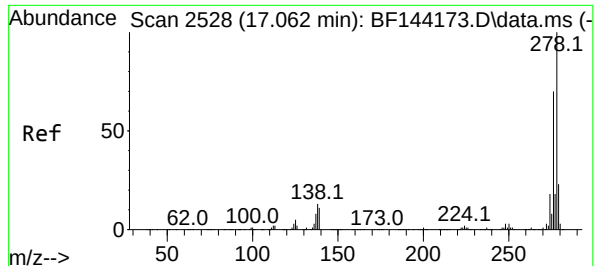
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 10.016 ng

RT: 17.051 min Scan# 2526

Delta R.T. -0.029 min

Lab File: BF144171.D

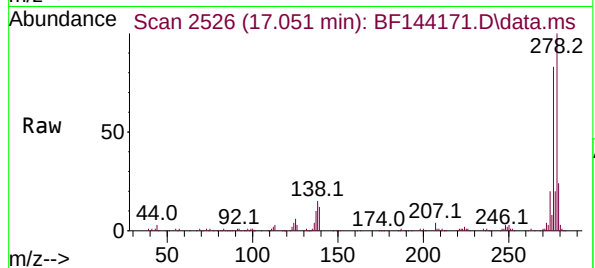
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



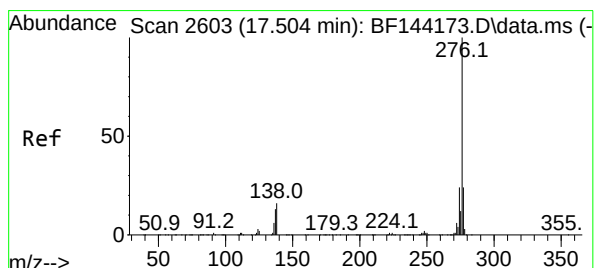
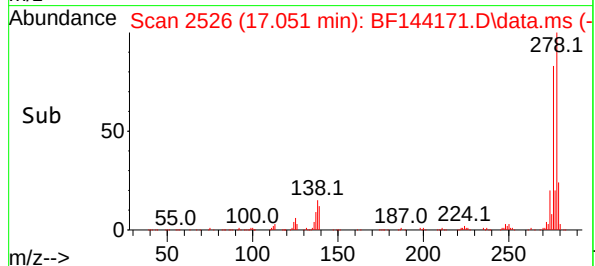
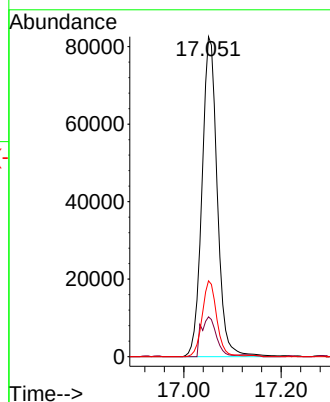
Tgt Ion:278 Resp: 179793

Ion Ratio Lower Upper

278 100

139 12.5 9.1 13.7

279 23.7 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 9.877 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

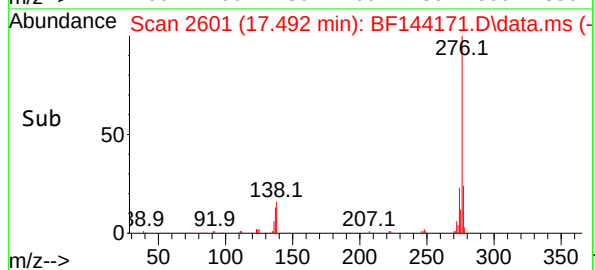
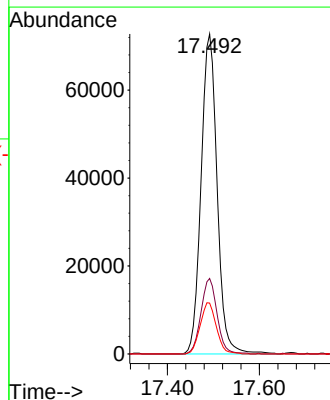
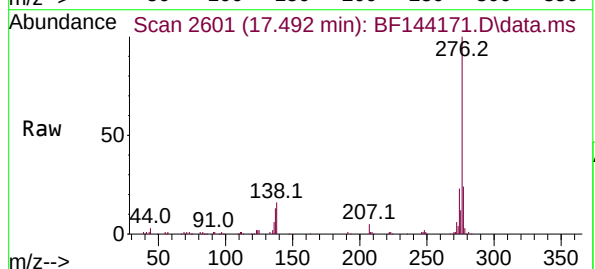
Tgt Ion:276 Resp: 175090

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	380834	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220087	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	388430	20.000	ng	0.00
76) Chrysene-d12	14.057	240	250706	20.000	ng	0.00
86) Perylene-d12	15.539	264	297677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	255468	41.191	ng	0.00
7) Phenol-d6	6.498	99	293338	41.742	ng	-0.01
23) Nitrobenzene-d5	7.434	82	265652	40.287	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	112928	40.889	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	599169	40.208	ng	0.00
79) Terphenyl-d14	12.992	244	638611	40.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.611	88	50319	19.624	ng	99
3) Pyridine	3.387	79	144716	20.230	ng	97
4) n-Nitrosodimethylamine	3.322	42	70474	18.860	ng	99
6) Aniline	6.534	93	205178	20.492	ng	100
8) 2-Chlorophenol	6.657	128	125443	20.624	ng	99
9) Benzaldehyde	6.428	77	88978	22.422	ng	99
10) Phenol	6.516	94	178562	20.797	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	130219	20.814	ng	98
12) 1,3-Dichlorobenzene	6.816	146	153679	20.476	ng	97
13) 1,4-Dichlorobenzene	6.893	146	153656	20.435	ng	99
14) 1,2-Dichlorobenzene	7.046	146	144447	20.042	ng	99
15) Benzyl Alcohol	7.016	79	115331	20.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	242281	21.029	ng	95
17) 2-Methylphenol	7.122	107	97725	20.196	ng	96
18) Hexachloroethane	7.387	117	51648	20.675	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	96676	20.897	ng	99
20) 3+4-Methylphenols	7.275	107	118666	20.804	ng	94
22) Acetophenone	7.281	105	165374	20.242	ng	97
24) Nitrobenzene	7.457	77	143192	20.000	ng	97
25) Isophorone	7.693	82	254863	20.434	ng	97
26) 2-Nitrophenol	7.775	139	72909	20.572	ng	97
27) 2,4-Dimethylphenol	7.804	122	100827	18.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	157029	20.161	ng	96
29) 2,4-Dichlorophenol	8.016	162	125803	20.548	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	126402	20.106	ng	96
31) Naphthalene	8.181	128	373973	20.643	ng	99
32) Benzoic acid	7.916	122	83801	21.522	ng	97
33) 4-Chloroaniline	8.228	127	135273	20.474	ng	99
34) Hexachlorobutadiene	8.292	225	95971	20.255	ng	99
35) Caprolactam	8.587	113	35272	21.028	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	115603	21.069	ng	99
37) 2-Methylnaphthalene	8.869	142	253201	20.905	ng	99
38) 1-Methylnaphthalene	8.969	142	240612	20.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	144980	20.100	ng	99
41) Hexachlorocyclopentadiene	9.022	237	31247	18.527	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	98855	20.136	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

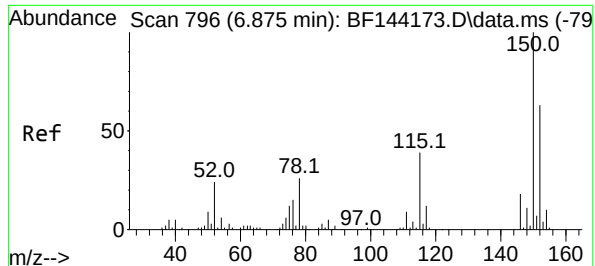
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109277	20.653	ng	98
46) 1,1'-Biphenyl	9.334	154	313667	20.417	ng	99
47) 2-Chloronaphthalene	9.357	162	265522	20.262	ng	99
48) 2-Nitroaniline	9.457	65	76785	20.308	ng	97
49) Acenaphthylene	9.775	152	369018	20.664	ng	98
50) Dimethylphthalate	9.628	163	299125	20.516	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59656	20.212	ng	96
52) Acenaphthene	9.945	154	246497	20.641	ng	99
53) 3-Nitroaniline	9.869	138	66539	20.623	ng	98
54) 2,4-Dinitrophenol	9.981	184	36453	20.453	ng	96
55) Dibenzofuran	10.122	168	348955	20.864	ng	98
56) 4-Nitrophenol	10.028	139	44352	19.003	ng	99
57) 2,4-Dinitrotoluene	10.104	165	81812	20.706	ng	98
58) Fluorene	10.463	166	263546	20.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73978	19.762	ng	97
60) Diethylphthalate	10.334	149	276008	20.535	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	149181	20.595	ng	99
62) 4-Nitroaniline	10.481	138	64484	20.987	ng	97
63) Azobenzene	10.616	77	252025	20.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	53585	20.307	ng	99
66) n-Nitrosodiphenylamine	10.575	169	246642	19.743	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98958	19.959	ng	98
68) Hexachlorobenzene	11.016	284	118426	20.279	ng	94
69) Atrazine	11.098	200	83639	21.052	ng	98
70) Pentachlorophenol	11.210	266	55766	19.177	ng	99
71) Phenanthrene	11.433	178	382805	19.794	ng	99
72) Anthracene	11.481	178	399043	20.292	ng	98
73) Carbazole	11.639	167	342636	20.490	ng	99
74) Di-n-butylphthalate	11.963	149	418262	20.691	ng	100
75) Fluoranthene	12.622	202	408870	20.466	ng	99
77) Benzidine	12.745	184	130033	17.535	ng	100
78) Pyrene	12.851	202	408920	20.229	ng	99
80) Butylbenzylphthalate	13.469	149	137856	19.677	ng	99
81) Benzo(a)anthracene	14.045	228	333458	19.191	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	115478	19.389	ng	96
83) Chrysene	14.080	228	320726	19.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	189305	19.738	ng	100
85) Di-n-octyl phthalate	14.645	149	318841	19.268	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	430691	20.155	ng	99
88) Benzo(b)fluoranthene	15.104	252	331673	19.598	ng	100
89) Benzo(k)fluoranthene	15.133	252	322479	20.358	ng	98
90) Benzo(a)pyrene	15.474	252	314894	20.169	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	349788	20.383	ng	99
92) Benzo(g,h,i)perylene	17.498	276	343144	20.248	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

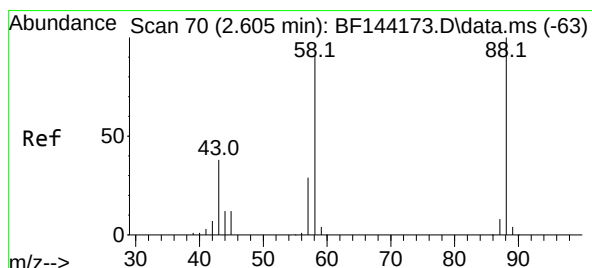
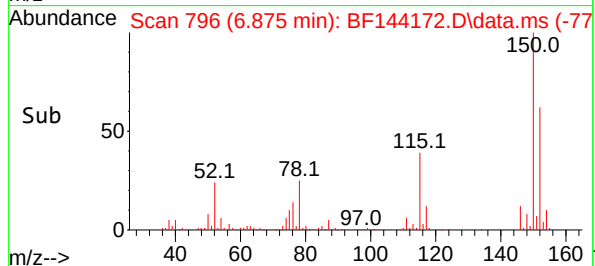
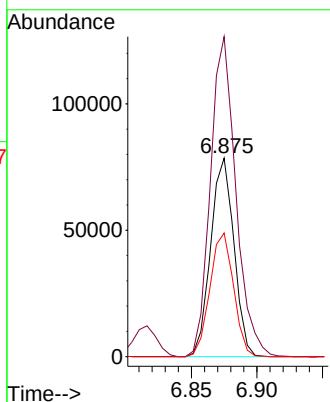
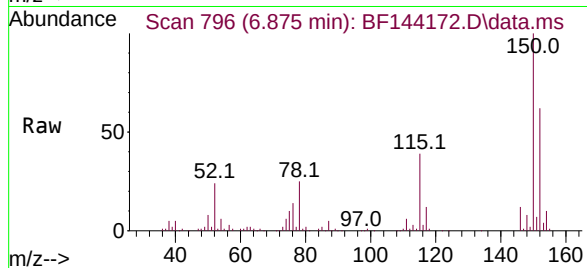
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

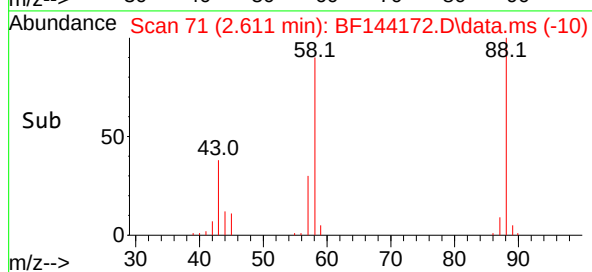
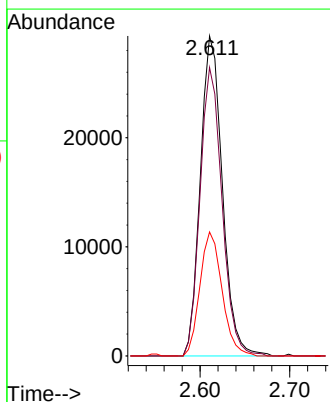
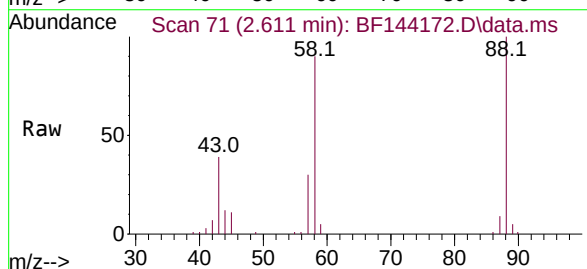
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

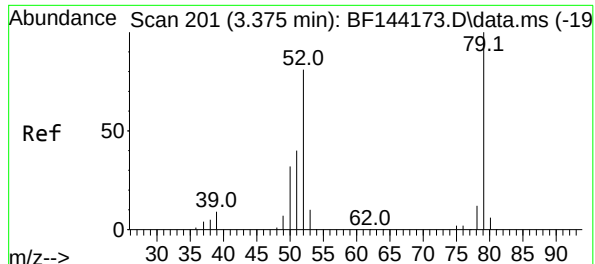
Tgt Ion:152 Resp: 97055
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.0
115 62.2 49.5 74.3



#2
1,4-Dioxane
Concen: 19.624 ng
RT: 2.611 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 88 Resp: 50319
Ion Ratio Lower Upper
88 100
58 89.7 73.1 109.7
43 38.8 31.0 46.6

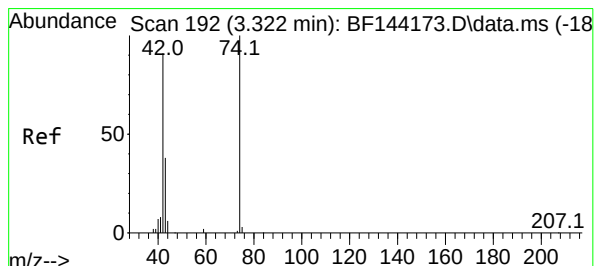
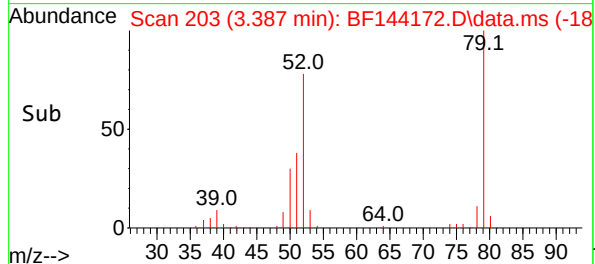
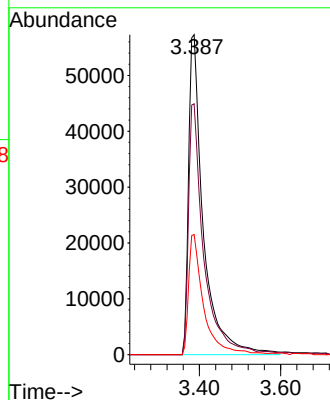
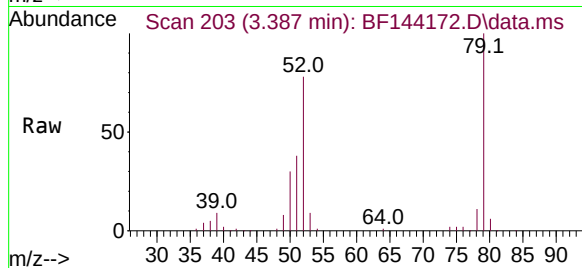




#3
Pyridine
Concen: 20.230 ng
RT: 3.387 min Scan# 201
Delta R.T. 0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

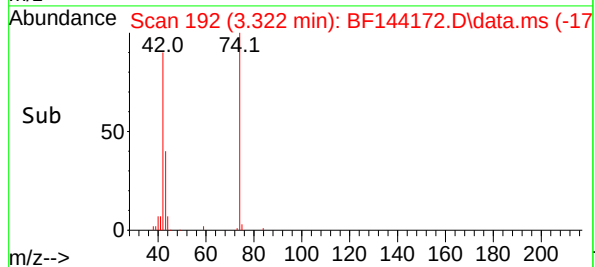
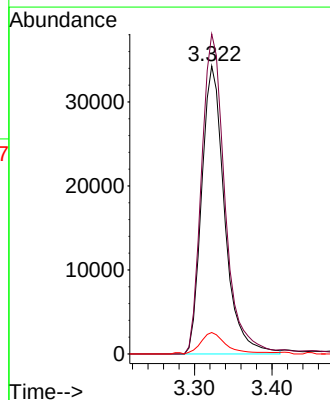
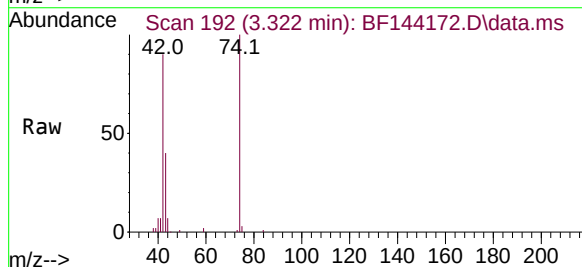
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

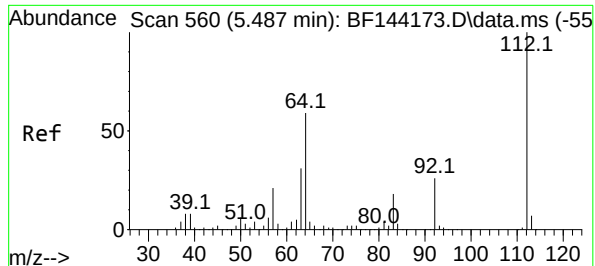
Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.4	64.5	96.7
51	37.5	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 18.860 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.1	88.2	132.4
44	7.4	5.7	8.5



#5
2-Fluorophenol

Concen: 41.191 ng

RT: 5.487 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

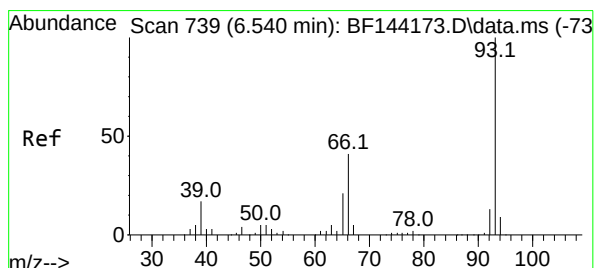
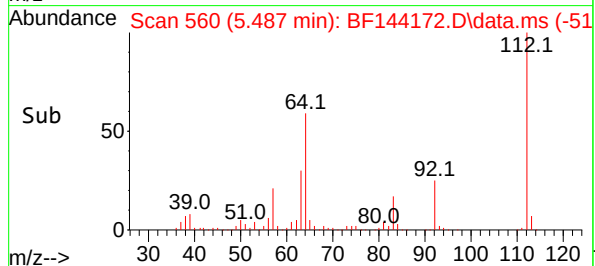
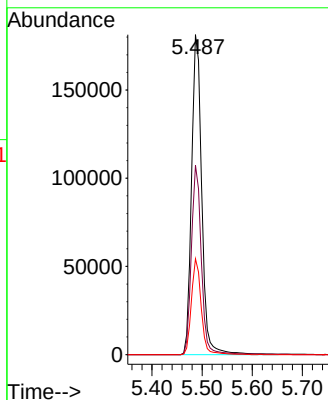
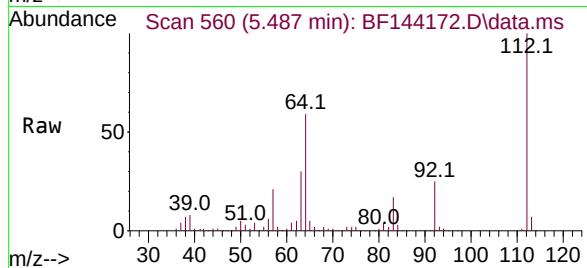
Tgt Ion:112 Resp: 255468

Ion Ratio Lower Upper

112 100

64 59.2 47.2 70.8

63 29.9 24.4 36.6



#6

Aniline

Concen: 20.492 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

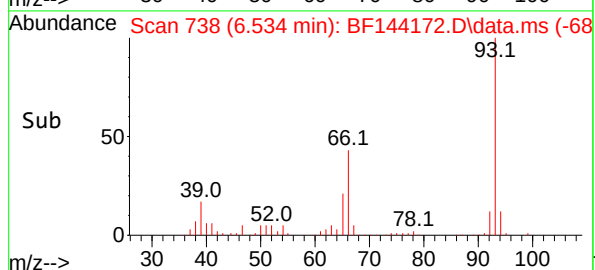
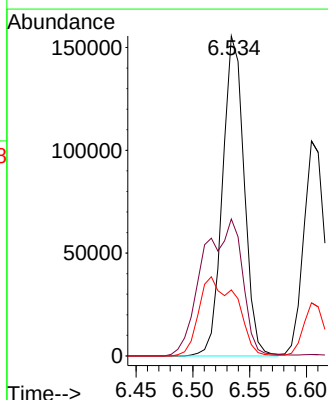
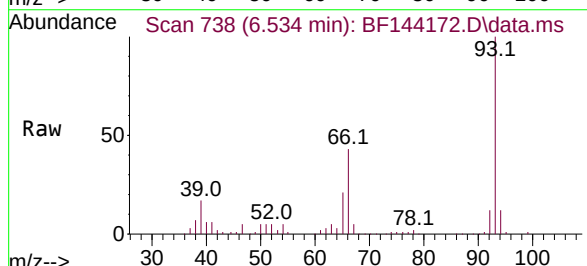
Tgt Ion: 93 Resp: 205178

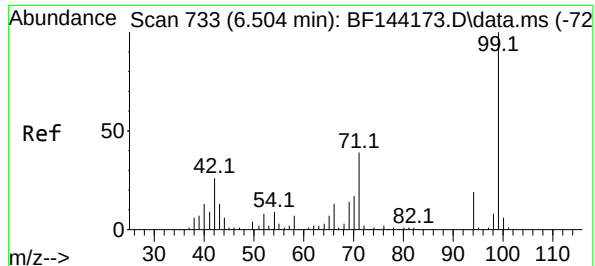
Ion Ratio Lower Upper

93 100

66 42.8 34.3 51.5

65 20.6 16.9 25.3

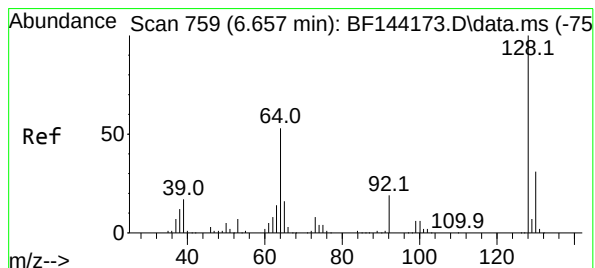
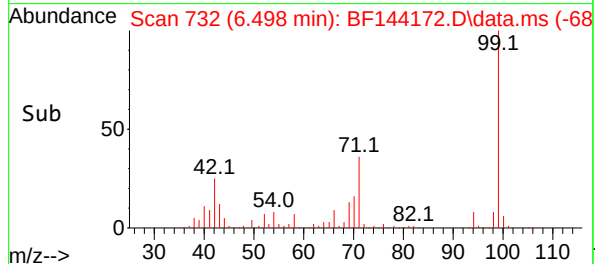
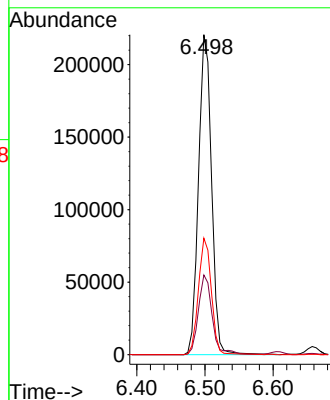
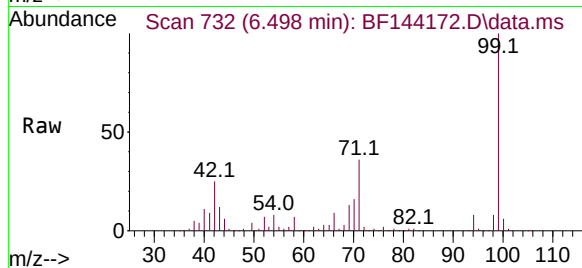




#7
Phenol-d6
Concen: 41.742 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

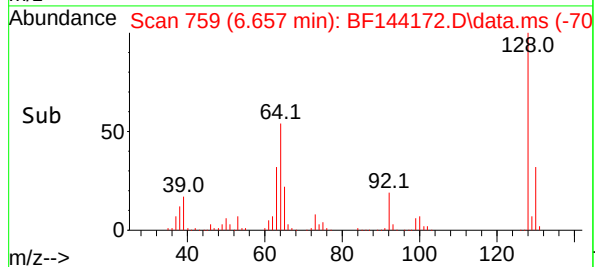
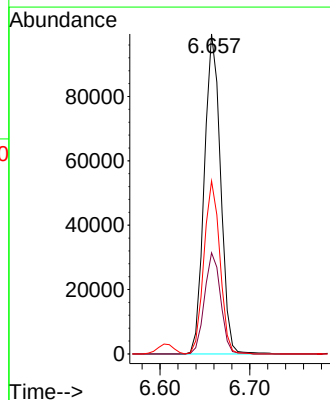
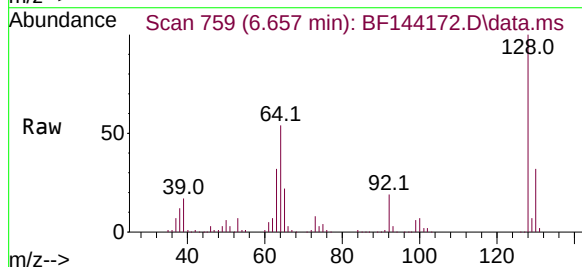
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

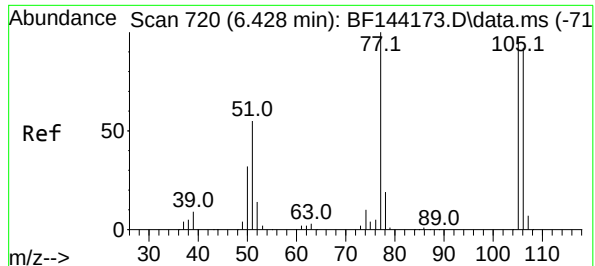
Tgt Ion: 99 Resp: 293338
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 36.4 31.4 47.2



#8
2-Chlorophenol
Concen: 20.624 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 128 Resp: 125443
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 54.0 33.2 73.2





#9

Benzaldehyde

Concen: 22.422 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

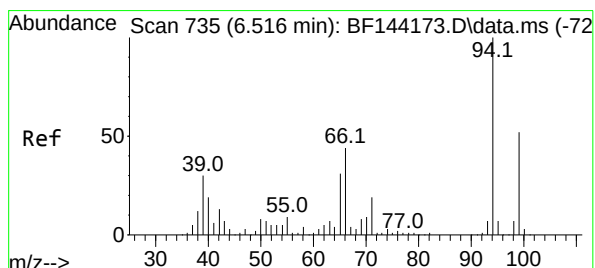
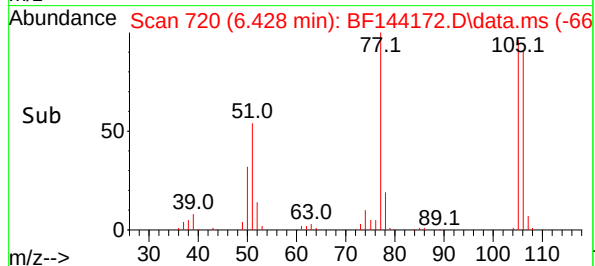
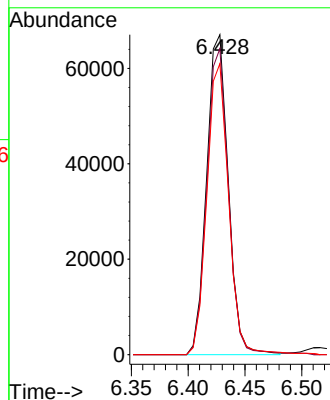
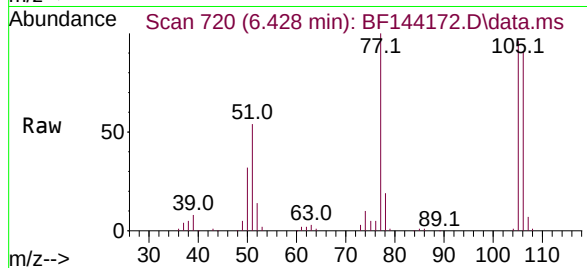
Tgt Ion: 77 Resp: 88978

Ion Ratio Lower Upper

77 100

105 95.6 77.2 117.2

106 90.9 72.2 112.2



#10

Phenol

Concen: 20.797 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

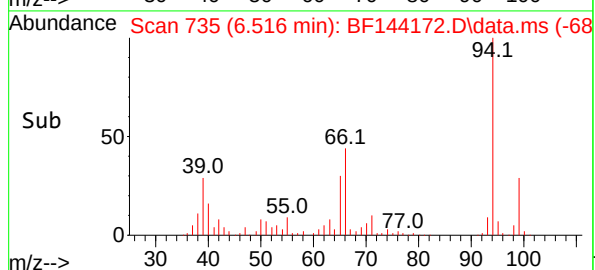
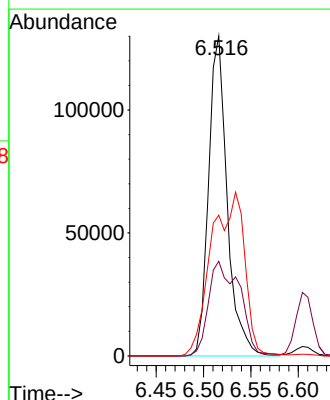
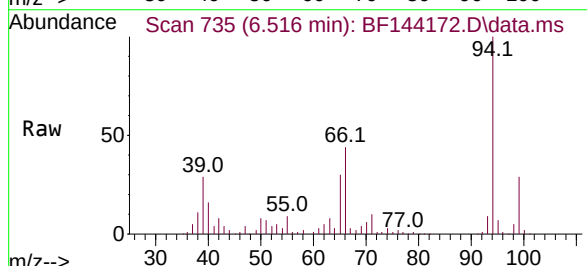
Tgt Ion: 94 Resp: 178562

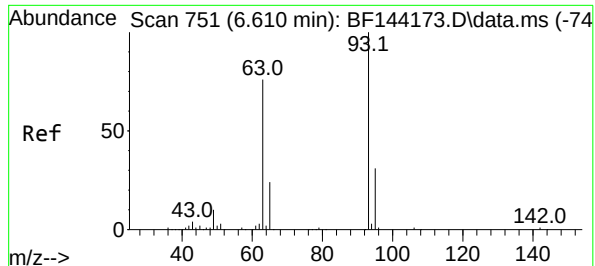
Ion Ratio Lower Upper

94 100

65 29.6 10.8 50.8

66 44.0 24.3 64.3

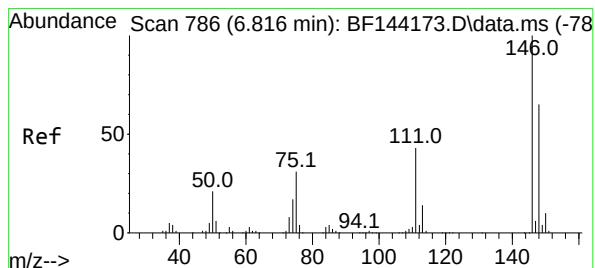
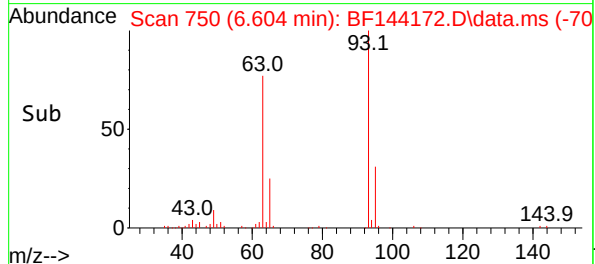
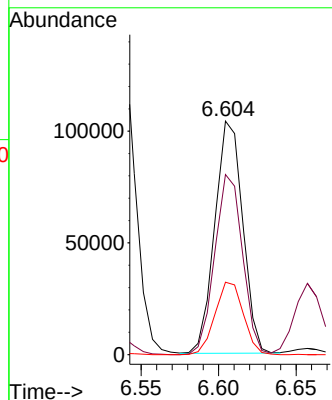
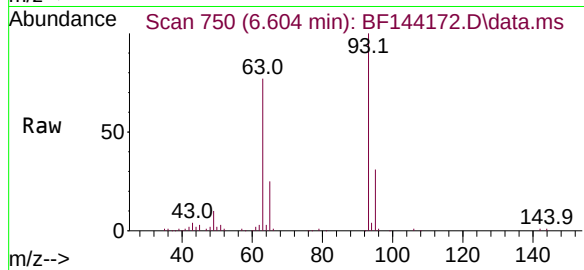




#11
bis(2-Chloroethyl)ether
Concen: 20.814 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

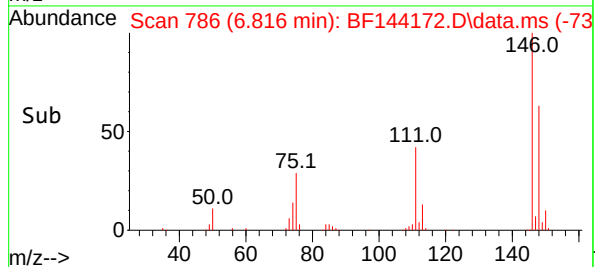
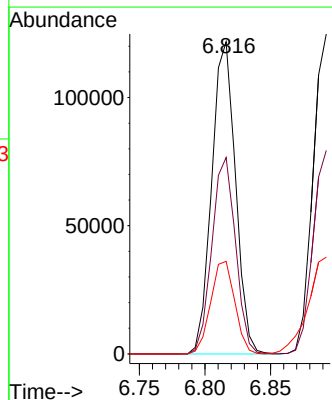
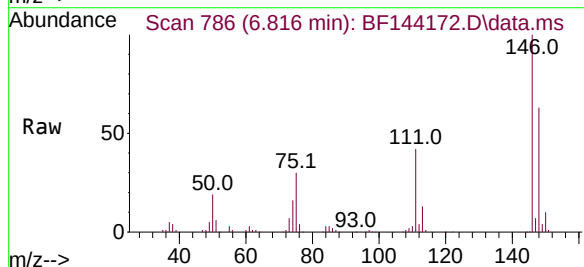
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

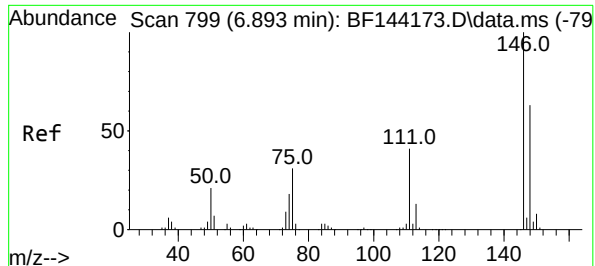
Tgt Ion: 93 Resp: 130219
Ion Ratio Lower Upper
93 100
63 77.1 55.2 95.2
95 31.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 20.476 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 153679
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 29.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 20.435 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

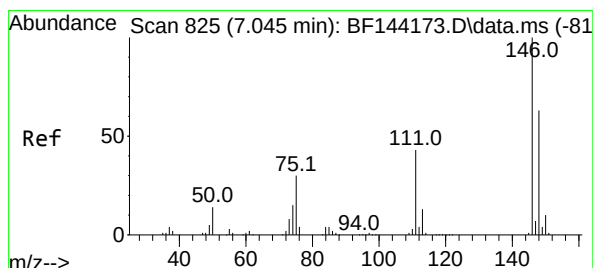
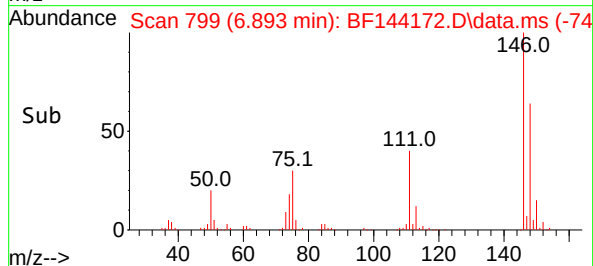
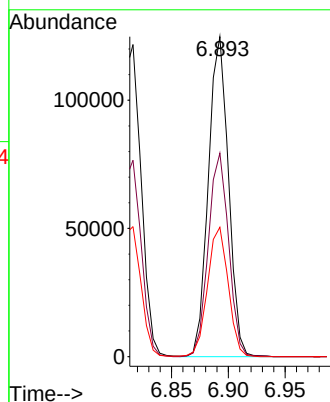
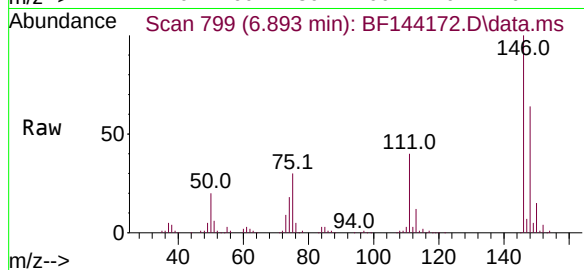
Tgt Ion:146 Resp: 153656

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 20.042 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

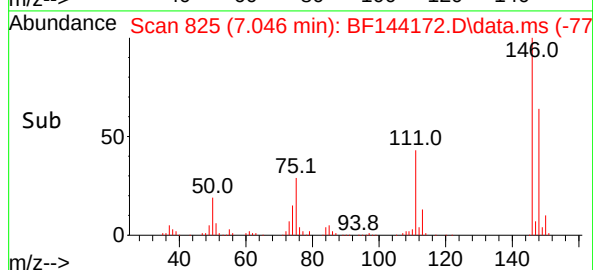
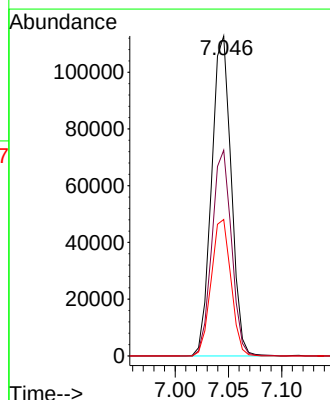
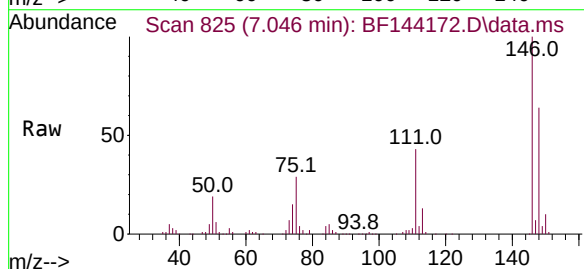
Tgt Ion:146 Resp: 144447

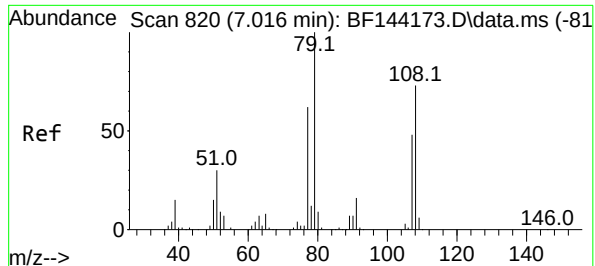
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 42.6 34.2 51.4

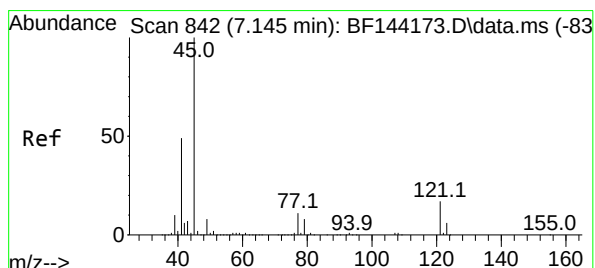
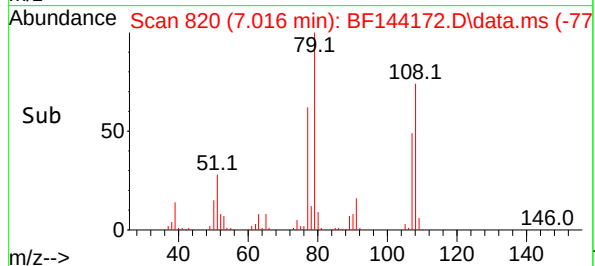
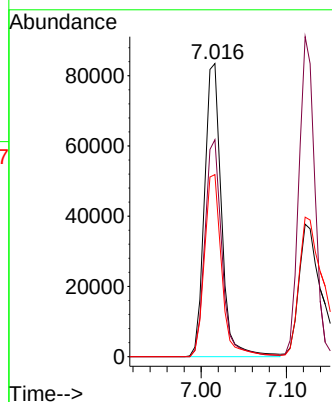
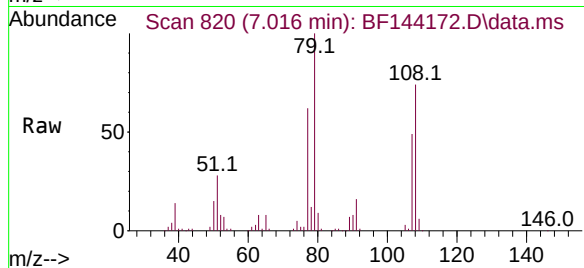




#15
Benzyl Alcohol
Concen: 20.726 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

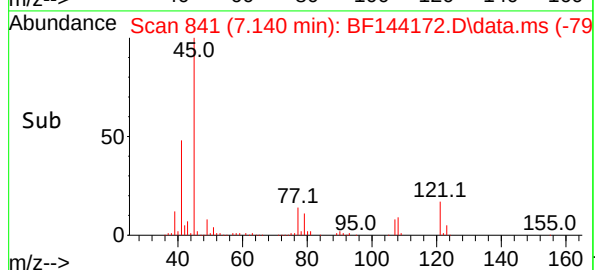
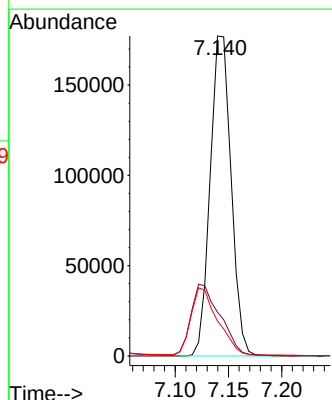
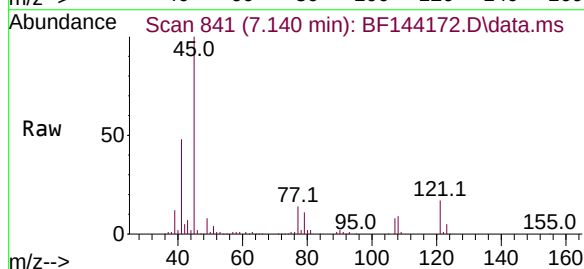
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

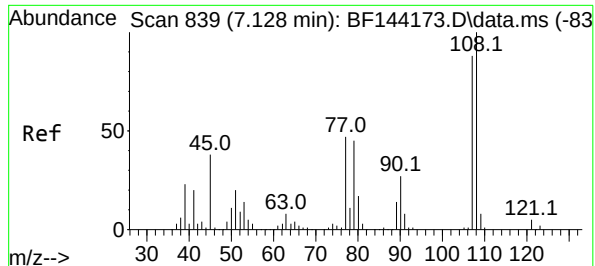
Tgt Ion: 79 Resp: 115331
Ion Ratio Lower Upper
79 100
108 74.0 58.2 87.4
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.029 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 45 Resp: 242281
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.8
79 10.9 0.0 29.1

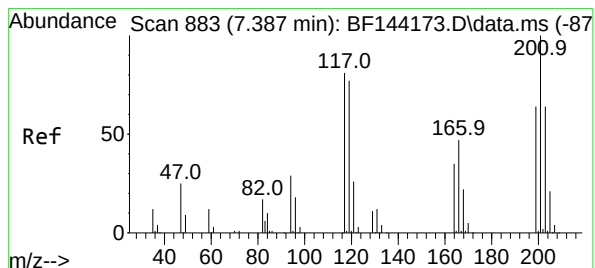
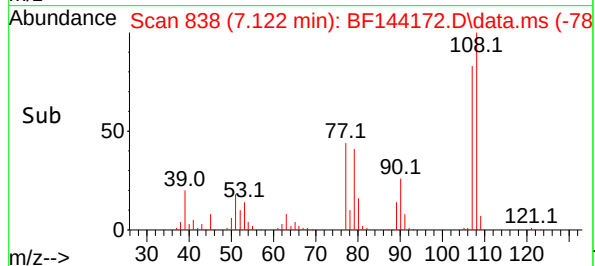
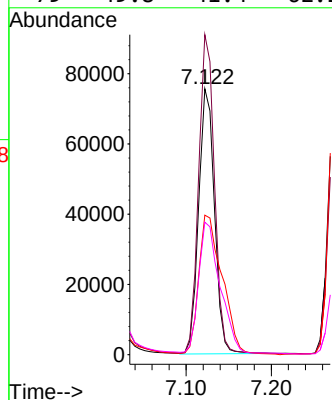
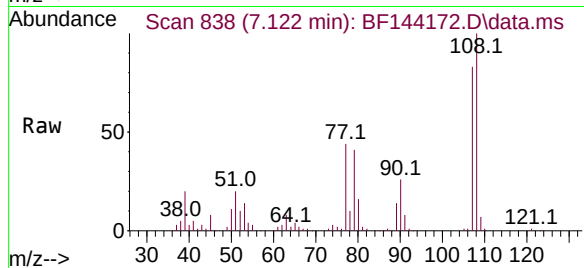




#17
2-Methylphenol
Concen: 20.196 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

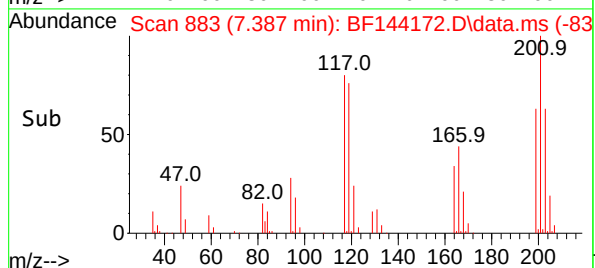
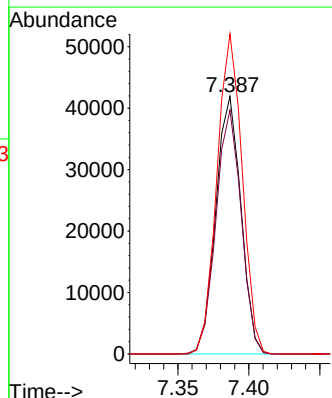
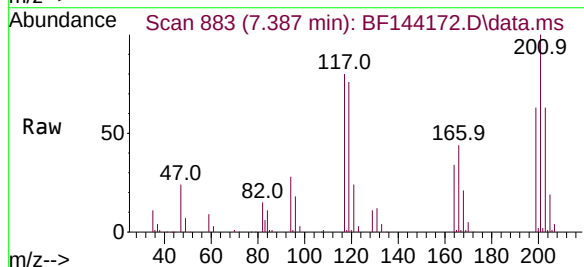
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

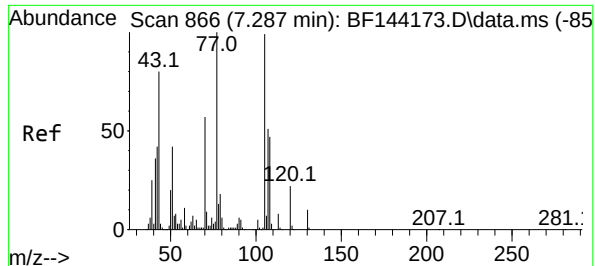
Tgt Ion:	107	Resp:	97725
Ion	Ratio	Lower	Upper
107	100		
108	120.4	91.0	136.4
77	52.4	42.7	64.1
79	49.8	41.4	62.2



#18
Hexachloroethane
Concen: 20.675 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:	117	Resp:	51648
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	124.3	98.9	148.3

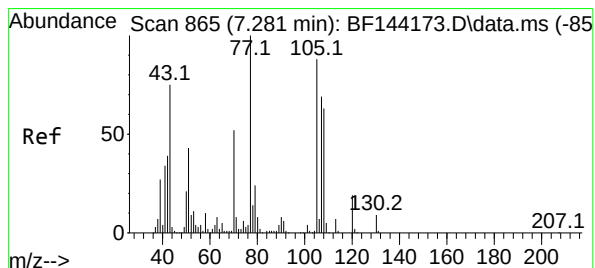
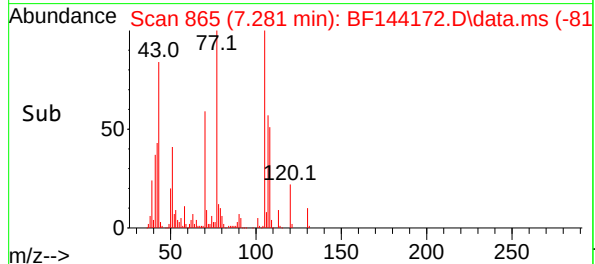
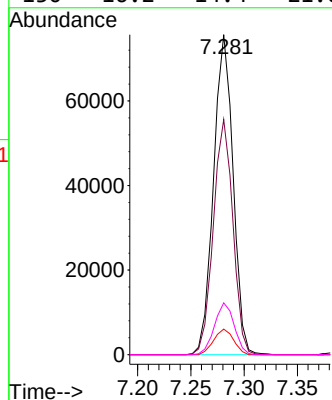
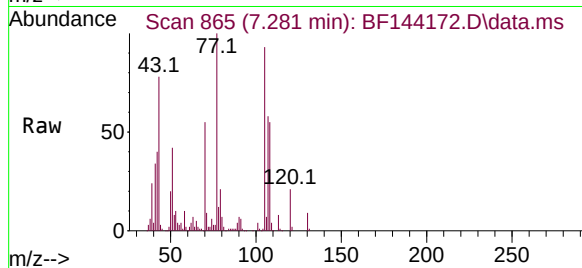




#19
n-Nitroso-di-n-propylamine
Concen: 20.897 ng
RT: 7.281 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

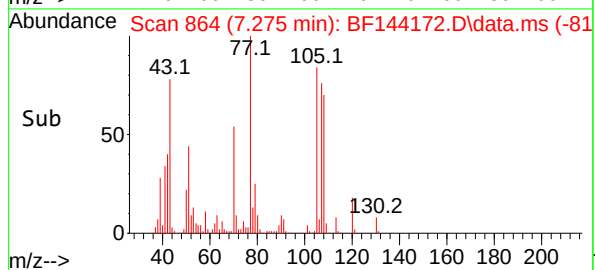
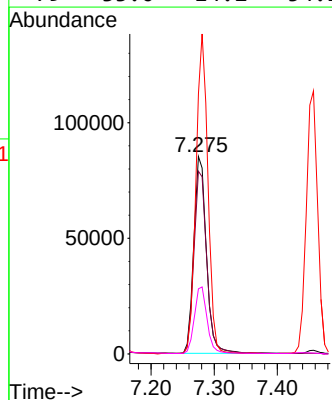
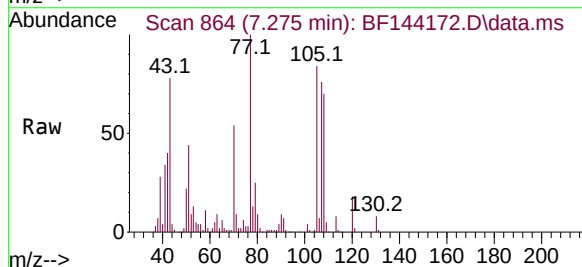
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

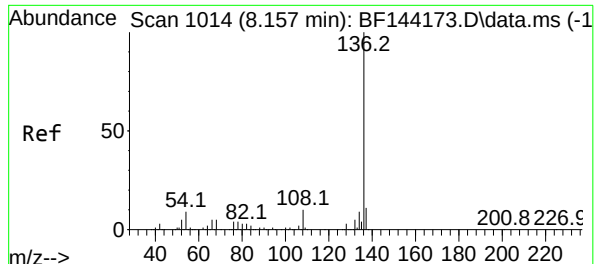
Tgt Ion: 70 Resp: 96676
Ion Ratio Lower Upper
70 100
42 73.5 58.3 87.5
101 8.0 7.0 10.6
130 16.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 20.804 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 107 Resp: 118666
Ion Ratio Lower Upper
107 100
108 92.5 70.2 110.2
77 131.8 123.9 163.9
79 33.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 380834

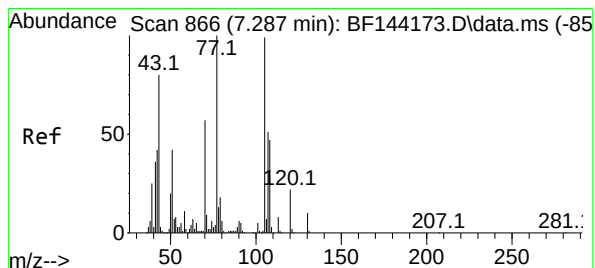
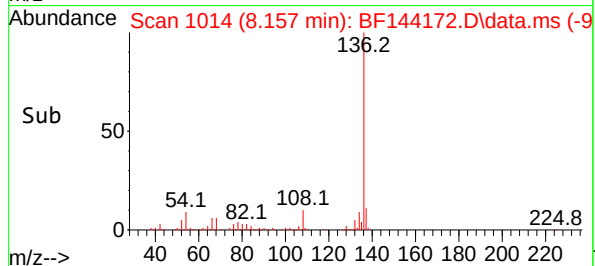
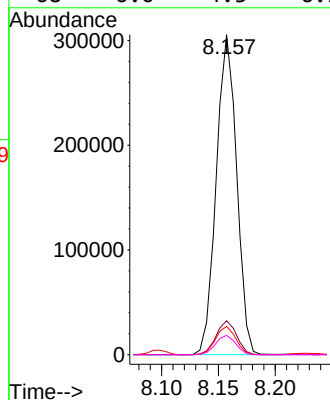
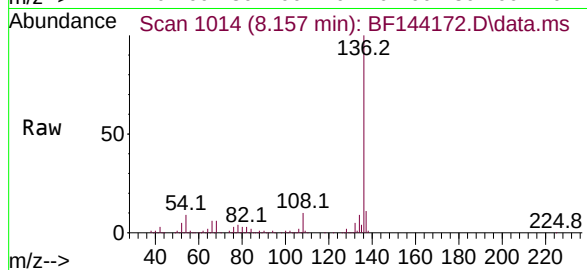
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.8 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 20.242 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:105 Resp: 165374

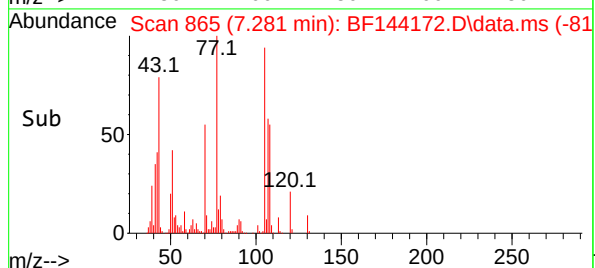
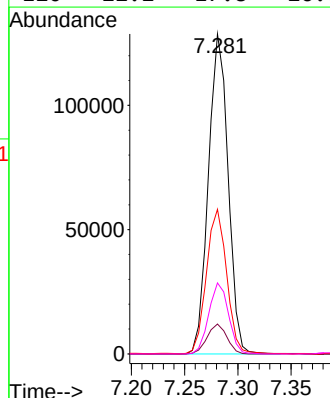
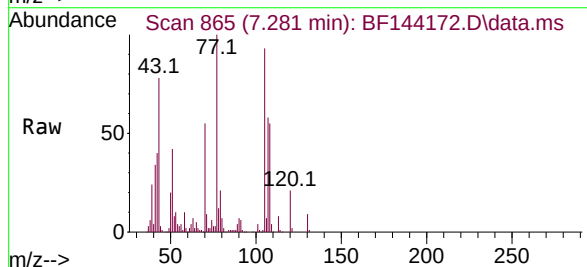
Ion Ratio Lower Upper

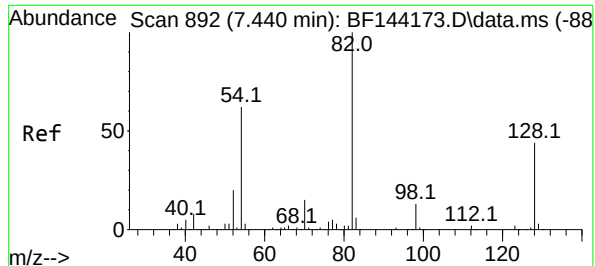
105 100

71 9.3 7.2 10.8

51 45.2 34.0 51.0

120 22.2 17.8 26.6

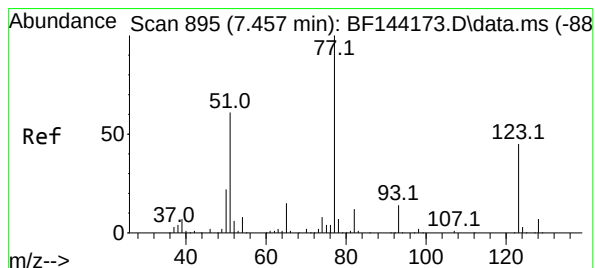
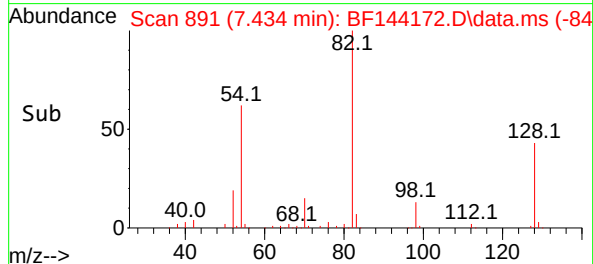
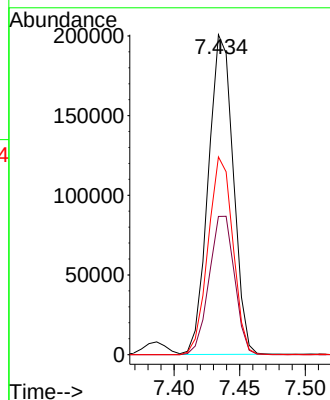
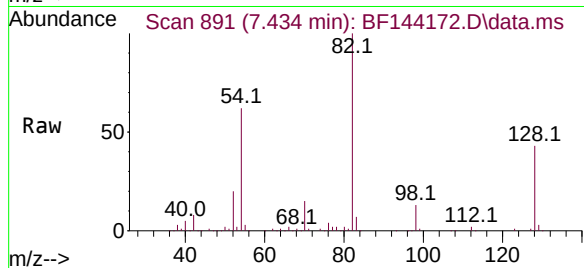




#23
Nitrobenzene-d5
Concen: 40.287 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

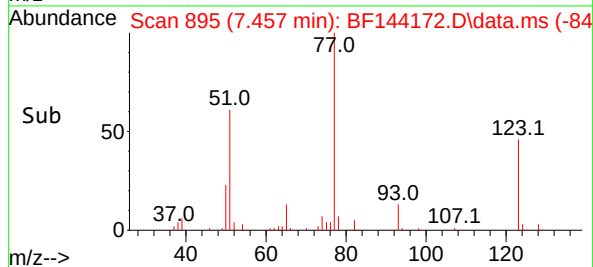
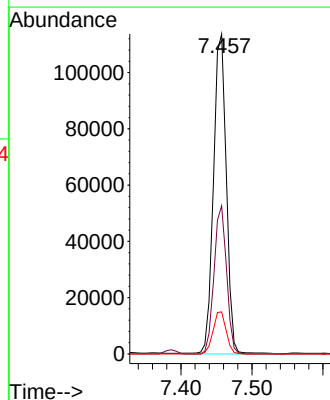
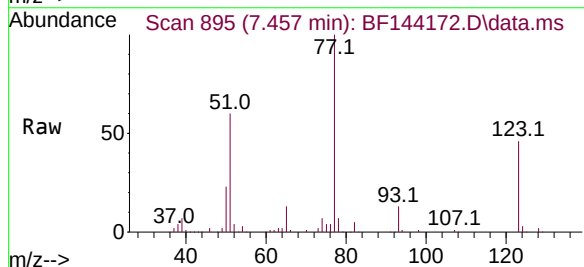
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

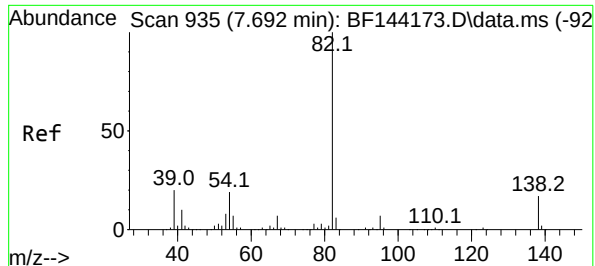
Tgt Ion: 82 Resp: 265652
Ion Ratio Lower Upper
82 100
128 43.2 34.7 52.1
54 61.8 49.5 74.3



#24
Nitrobenzene
Concen: 20.000 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 143192
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.8
65 13.2 12.2 18.2





#25

Isophorone

Concen: 20.434 ng

RT: 7.693 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

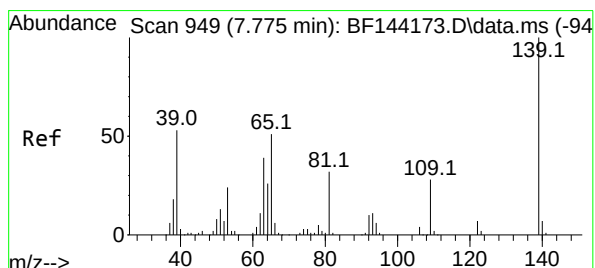
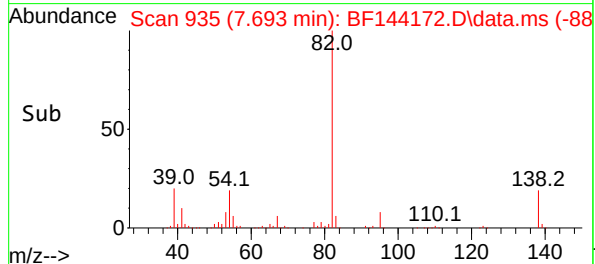
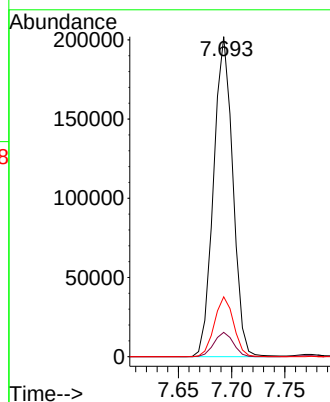
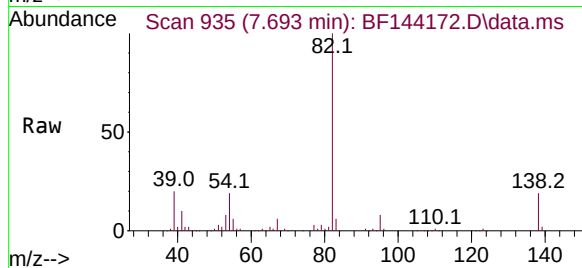
Tgt Ion: 82 Resp: 254863

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 18.7 13.7 20.5



#26

2-Nitrophenol

Concen: 20.572 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

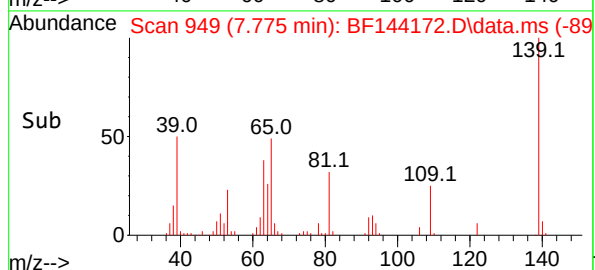
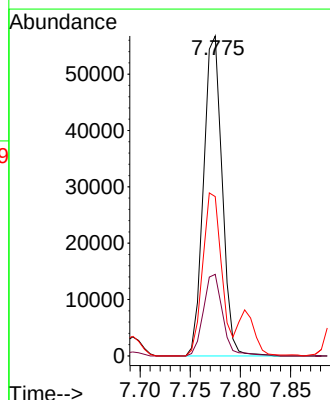
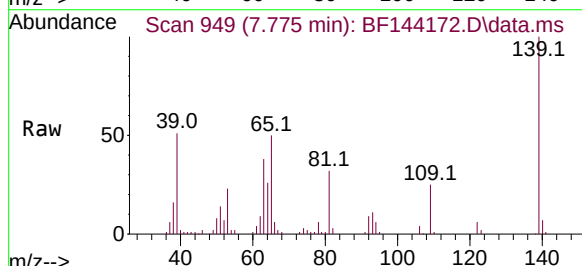
Tgt Ion:139 Resp: 72909

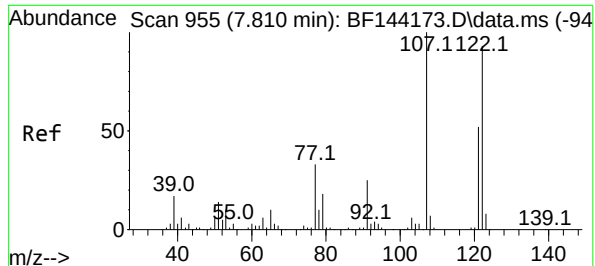
Ion Ratio Lower Upper

139 100

109 25.5 22.2 33.2

65 49.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 18.981 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

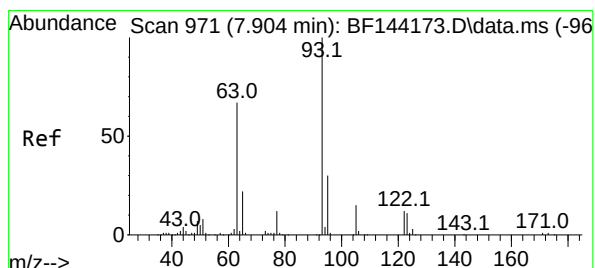
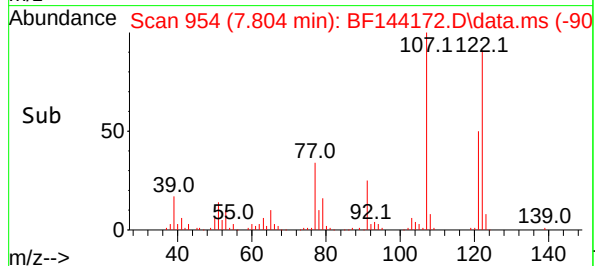
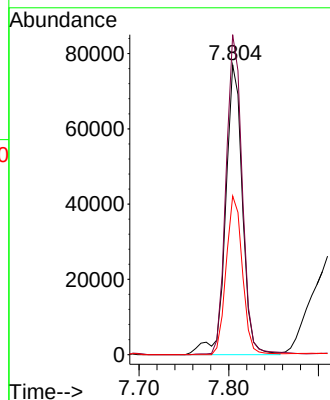
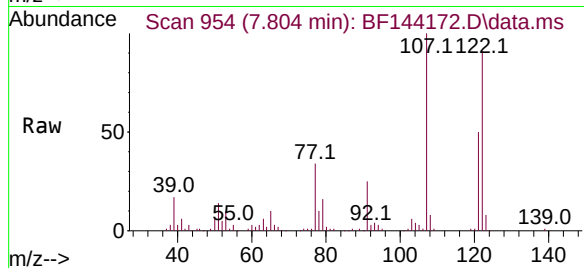
Tgt Ion:122 Resp: 100827

Ion Ratio Lower Upper

122 100

107 110.4 86.2 129.4

121 54.8 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.161 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

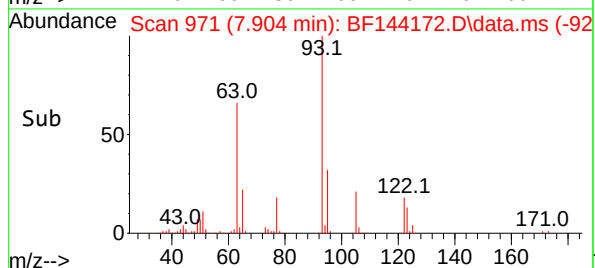
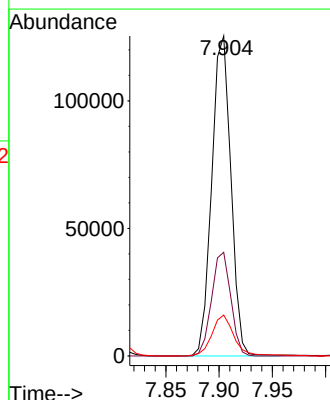
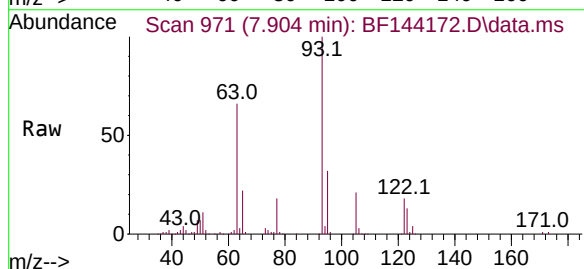
Tgt Ion: 93 Resp: 157029

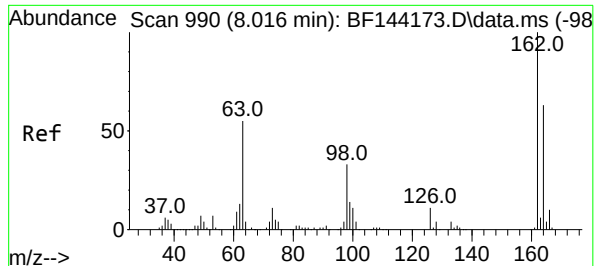
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 20.548 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

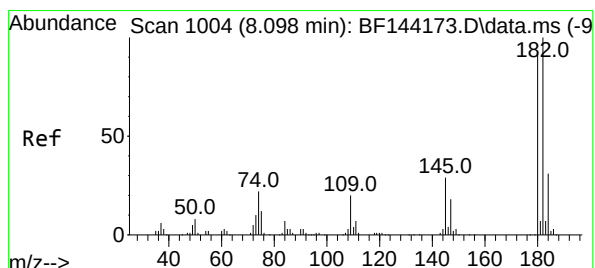
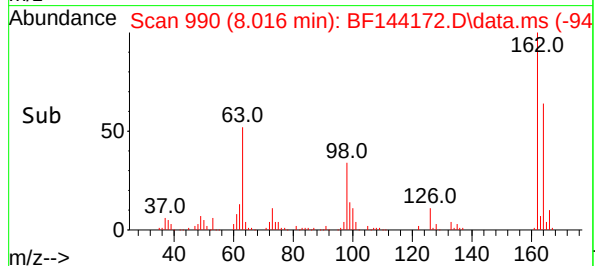
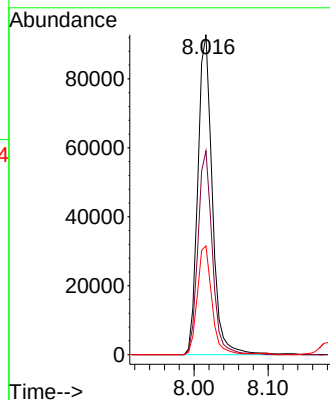
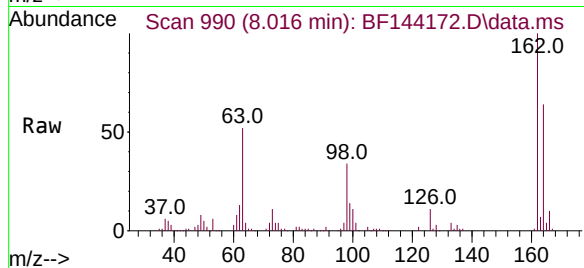
Tgt Ion:162 Resp: 125803

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 34.0 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 20.106 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

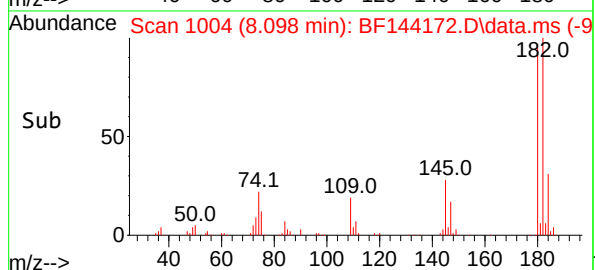
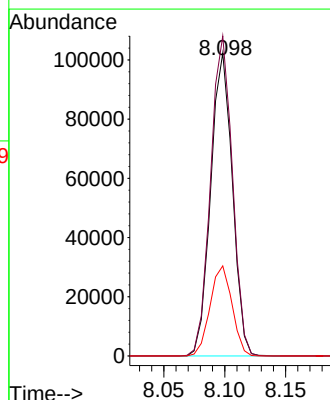
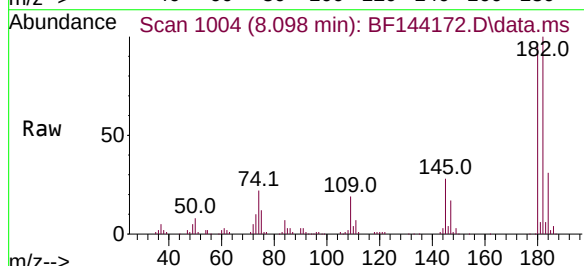
Tgt Ion:180 Resp: 126402

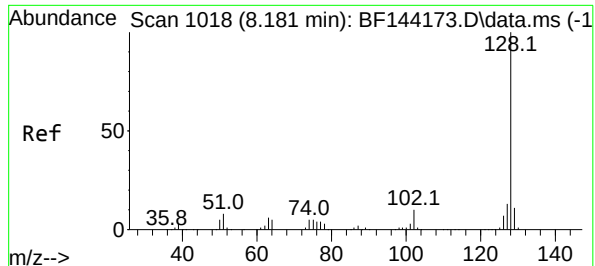
Ion Ratio Lower Upper

180 100

182 105.7 87.7 131.5

145 29.7 25.4 38.0





#31

Naphthalene

Concen: 20.643 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

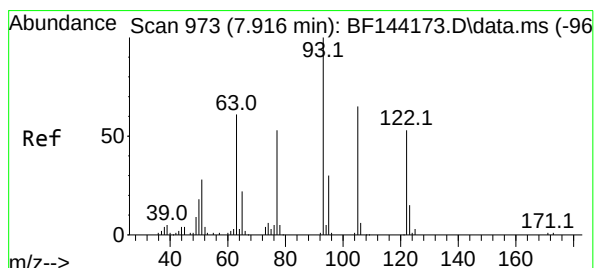
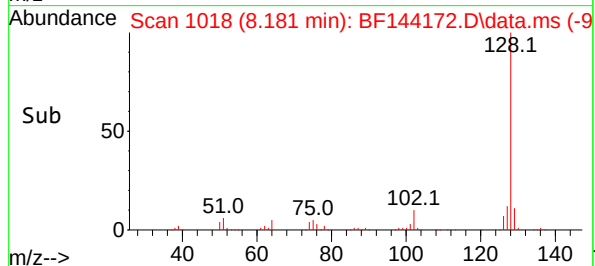
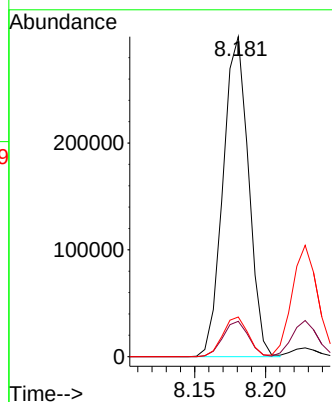
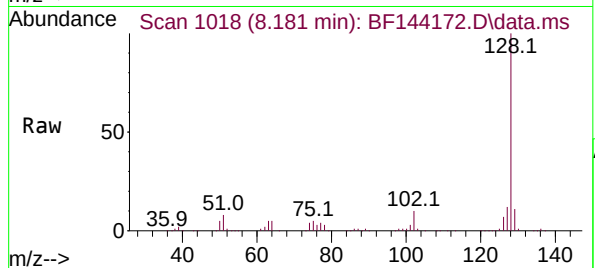
Tgt Ion:128 Resp: 373973

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.4 10.3 15.5



#32

Benzoic acid

Concen: 21.522 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.035 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

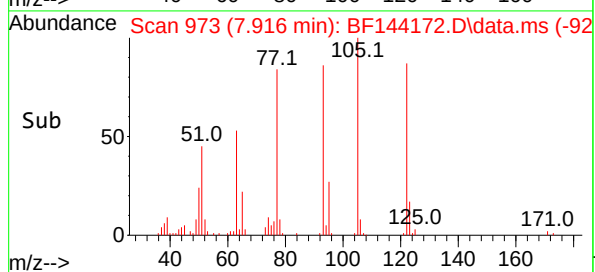
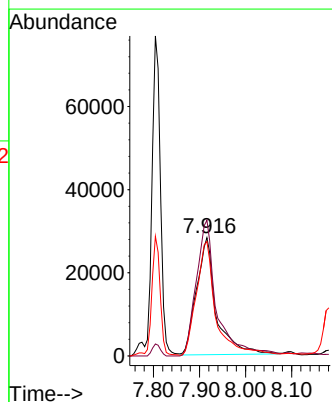
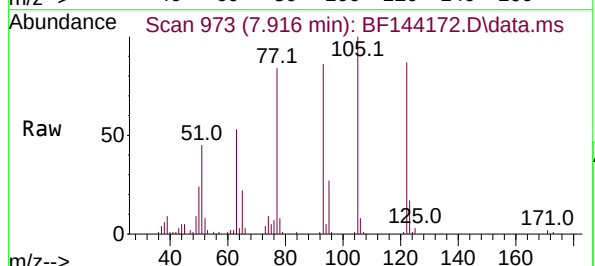
Tgt Ion:122 Resp: 83801

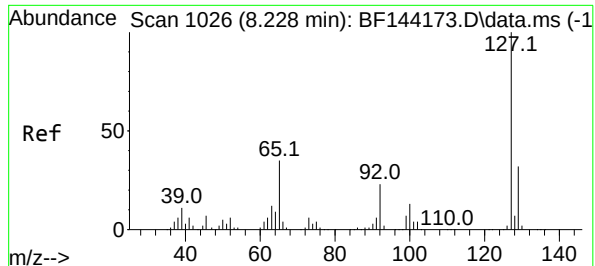
Ion Ratio Lower Upper

122 100

105 114.8 99.9 139.9

77 96.8 77.5 117.5





#33

4-Chloroaniline

Concen: 20.474 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 135273

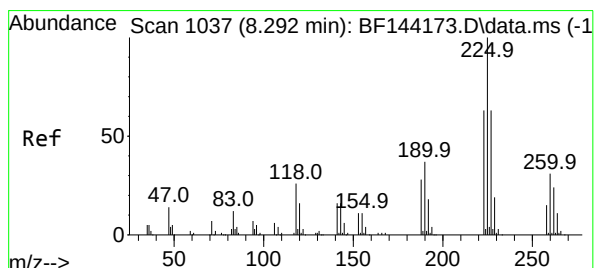
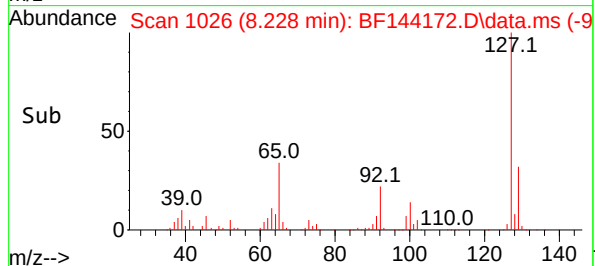
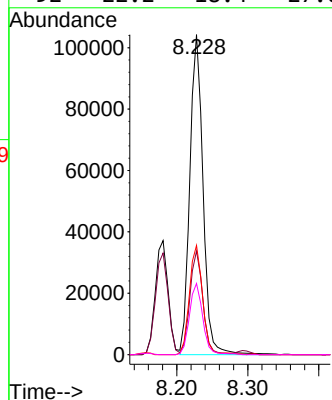
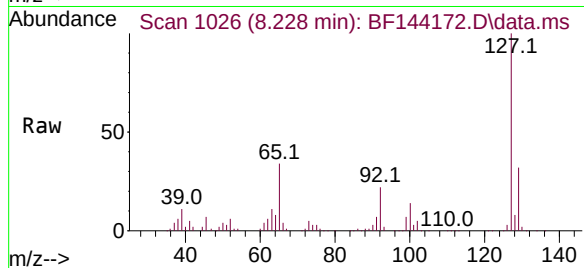
Ion Ratio Lower Upper

127 100

129 32.4 25.3 37.9

65 34.1 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 20.255 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

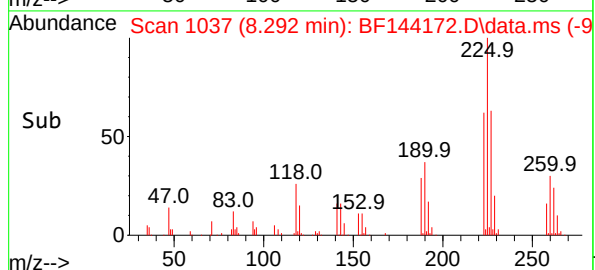
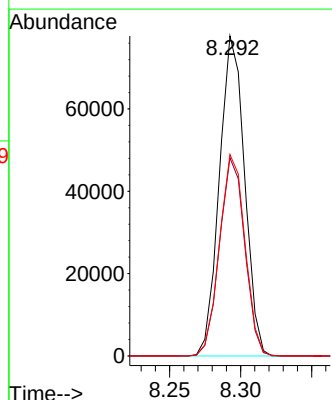
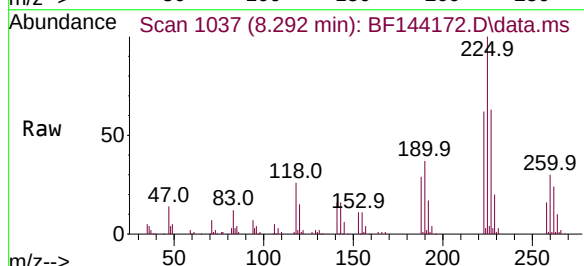
Tgt Ion:225 Resp: 95971

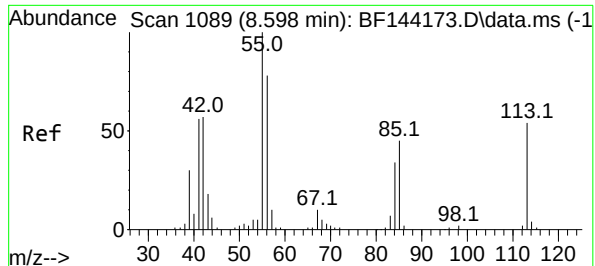
Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.4

227 62.9 50.1 75.1





#35

Caprolactam

Concen: 21.028 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.035 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

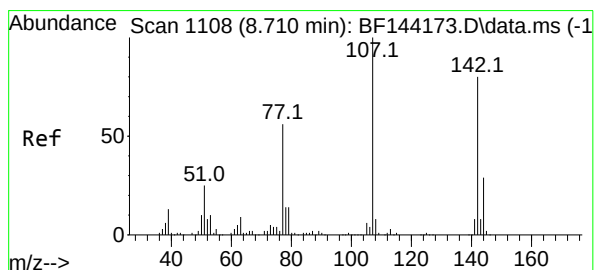
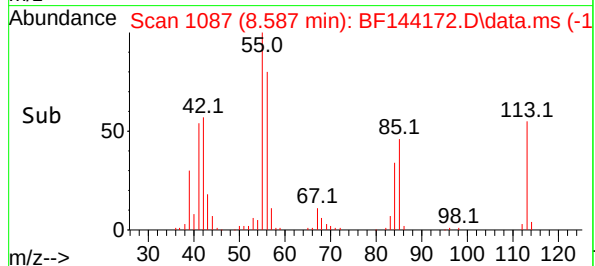
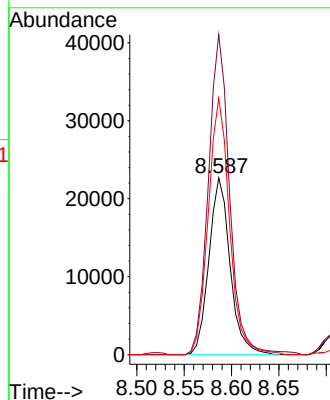
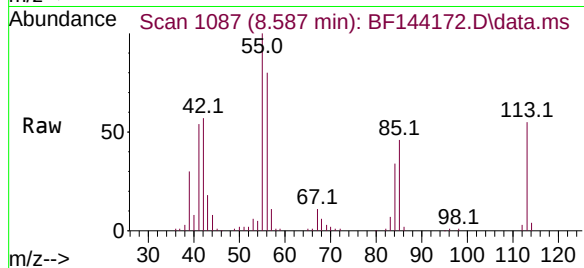
Tgt Ion:113 Resp: 35272

Ion Ratio Lower Upper

113 100

55 181.1 166.8 206.8

56 145.1 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 21.069 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

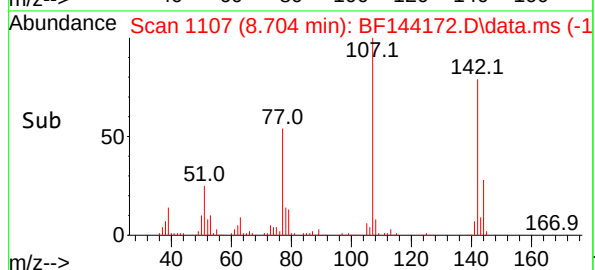
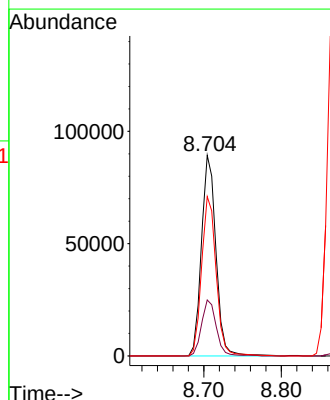
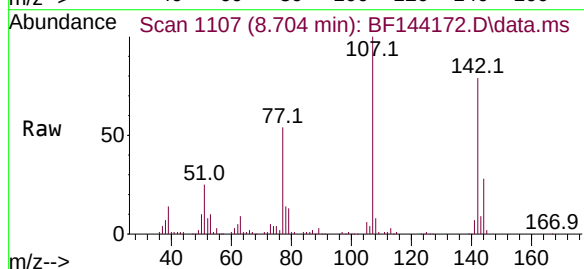
Tgt Ion:107 Resp: 115603

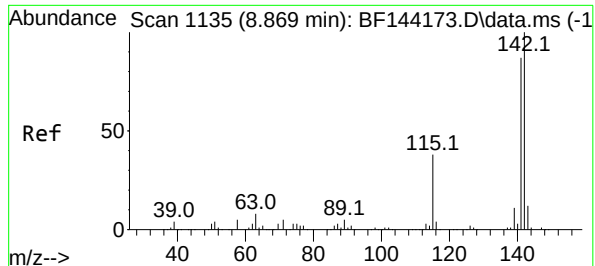
Ion Ratio Lower Upper

107 100

144 27.9 23.3 34.9

142 79.4 63.8 95.6





#37

2-Methylnaphthalene

Concen: 20.905 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

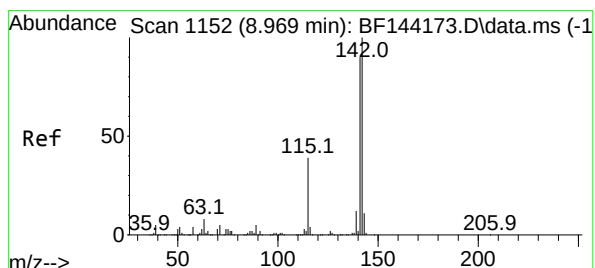
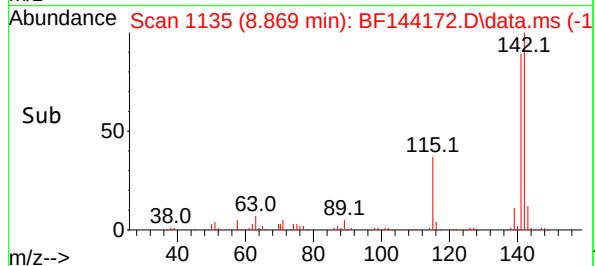
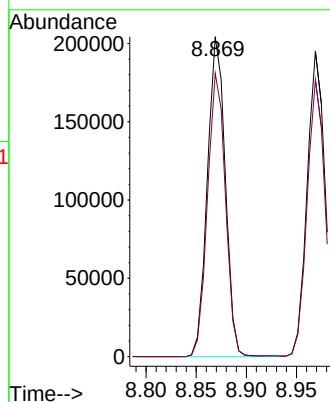
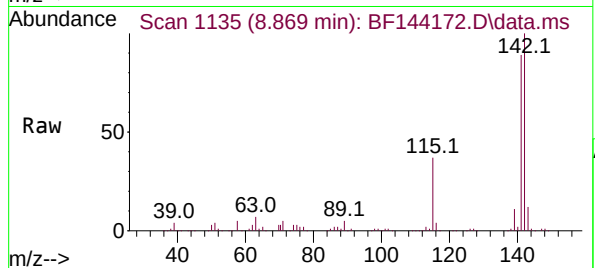
SSTDICC020

Tgt Ion:142 Resp: 253201

Ion Ratio Lower Upper

142 100

141 88.5 69.9 104.9



#38

1-Methylnaphthalene

Concen: 20.588 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144172.D

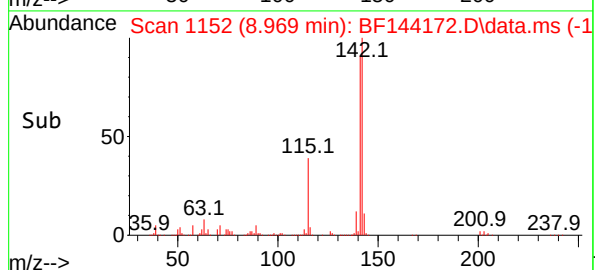
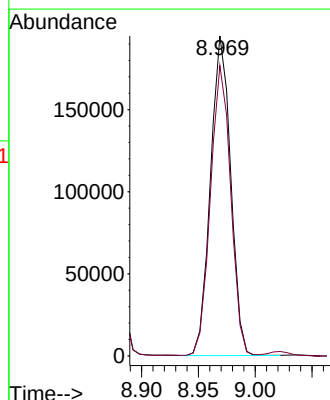
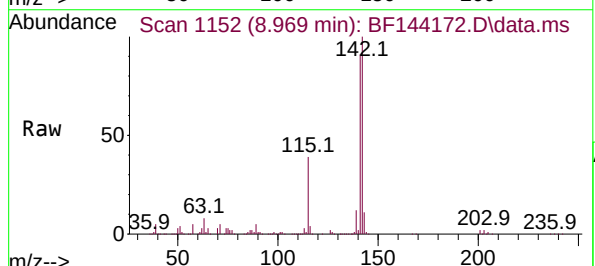
Acq: 05 Nov 2025 14:20

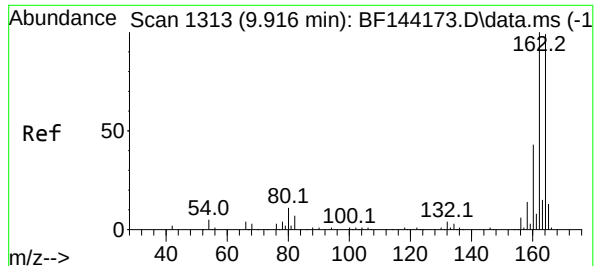
Tgt Ion:142 Resp: 240612

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

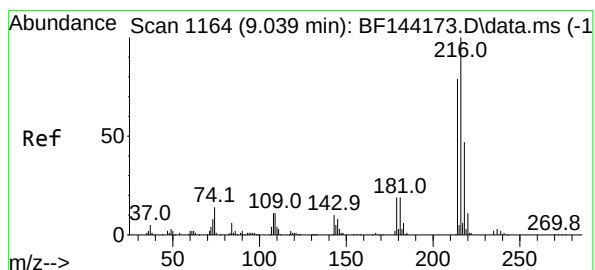
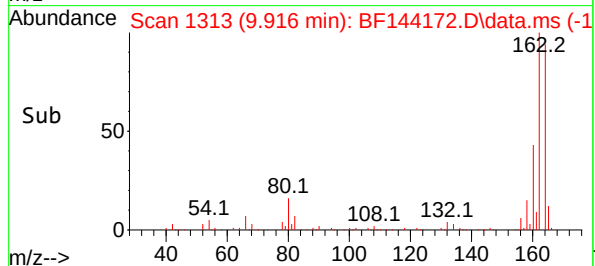
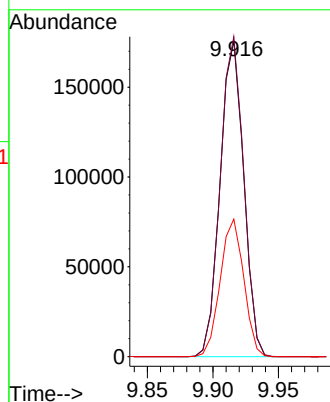
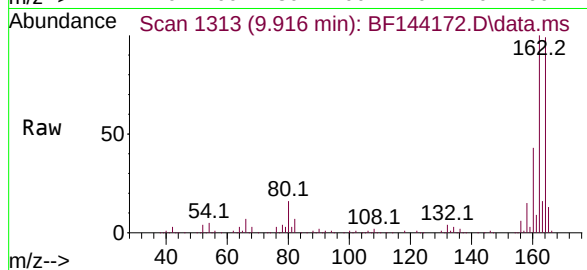
Tgt Ion:164 Resp: 220087

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.100 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:216 Resp: 144980

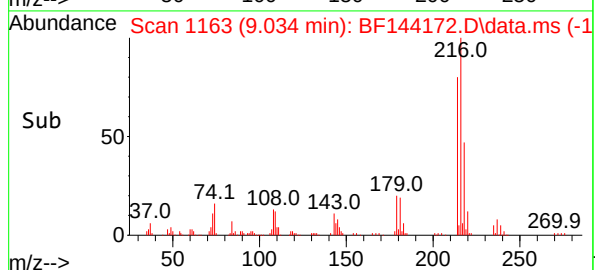
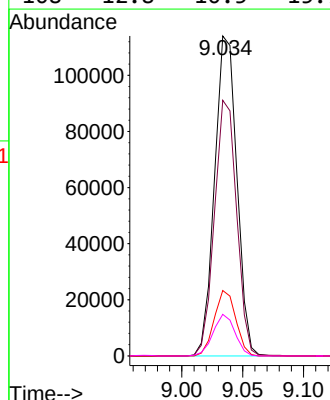
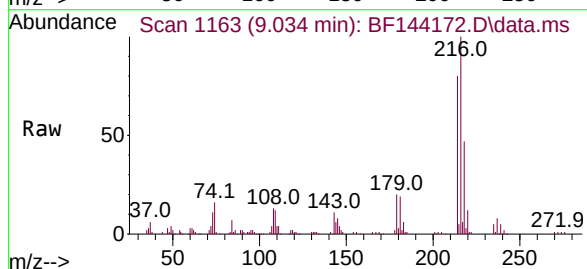
Ion Ratio Lower Upper

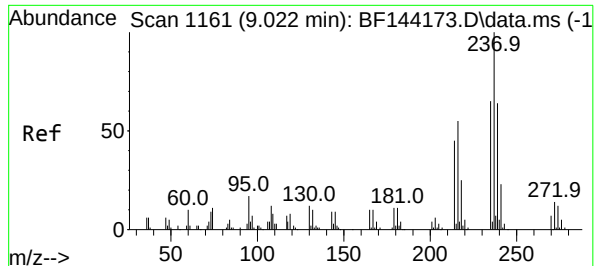
216 100

214 79.3 63.4 95.2

179 19.8 15.0 22.4

108 12.8 10.5 15.7

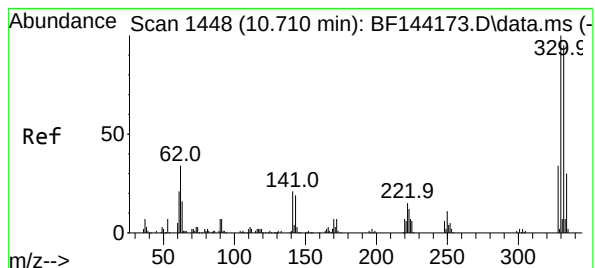
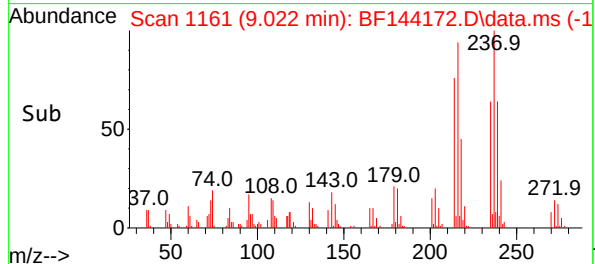
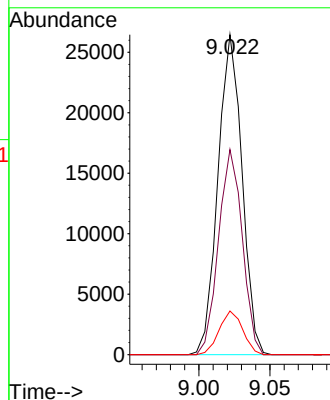
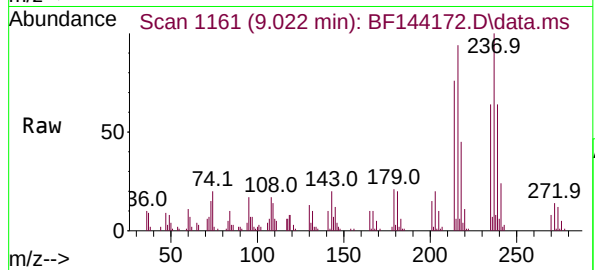




#41
Hexachlorocyclopentadiene
Concen: 18.527 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

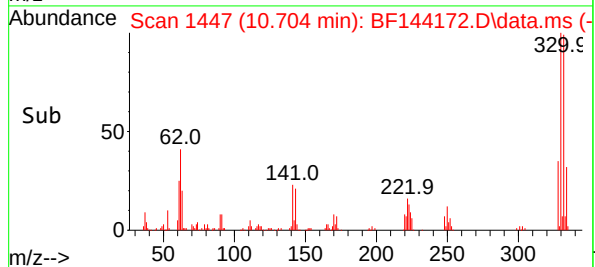
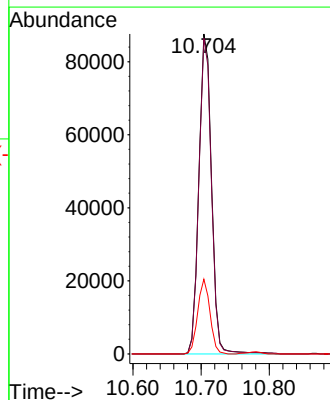
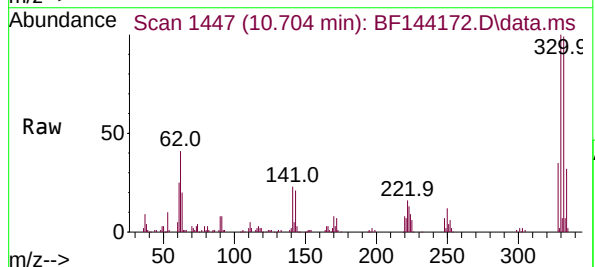
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

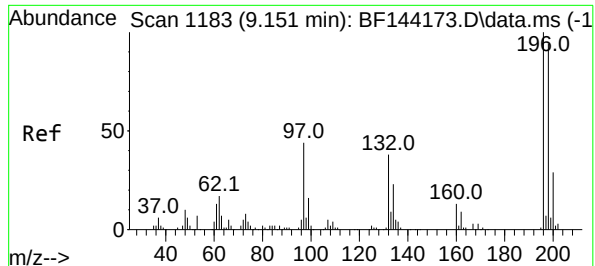
Tgt Ion:237 Resp: 31247
Ion Ratio Lower Upper
237 100
235 64.1 45.5 85.5
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 40.889 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:330 Resp: 112928
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 20.136 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

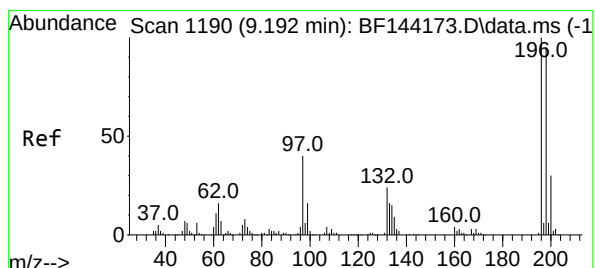
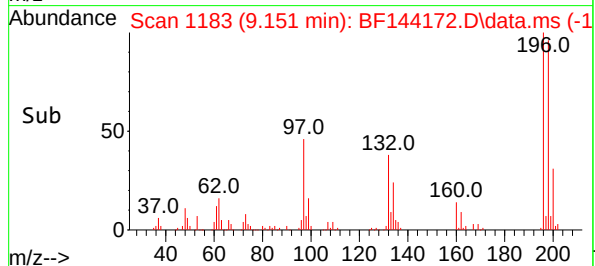
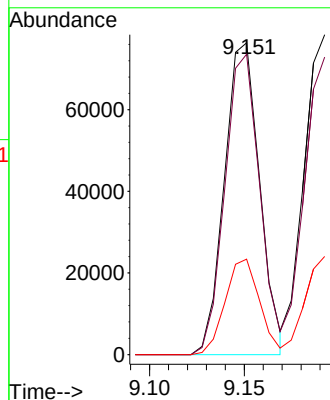
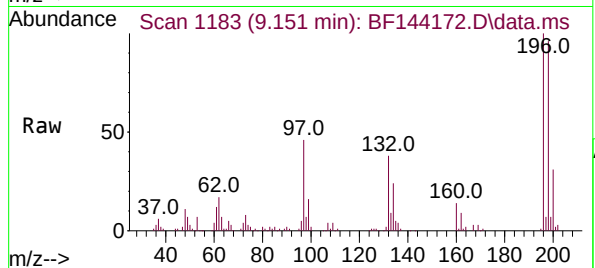
Tgt Ion:196 Resp: 98855

Ion Ratio Lower Upper

196 100

198 96.4 75.3 112.9

200 30.6 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 20.653 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 109277

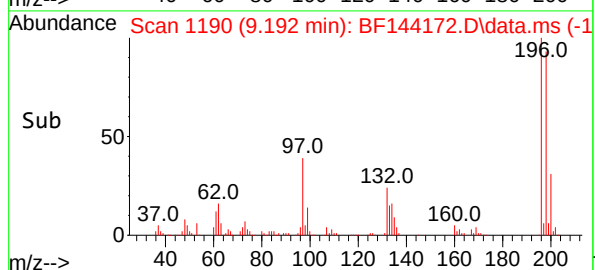
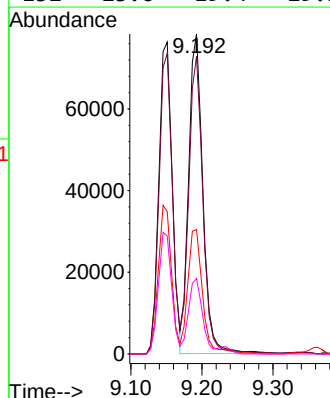
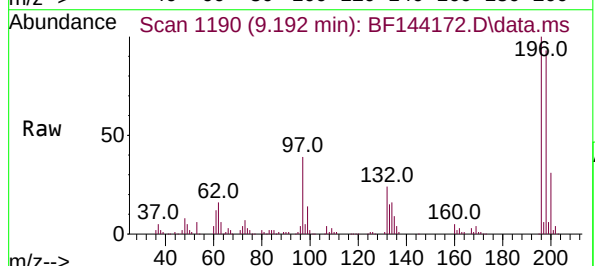
Ion Ratio Lower Upper

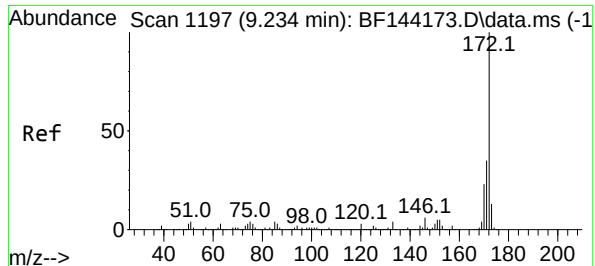
196 100

198 93.0 76.1 114.1

97 38.9 31.9 47.9

132 23.6 19.4 29.2

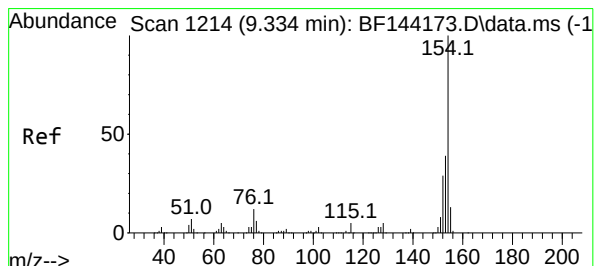
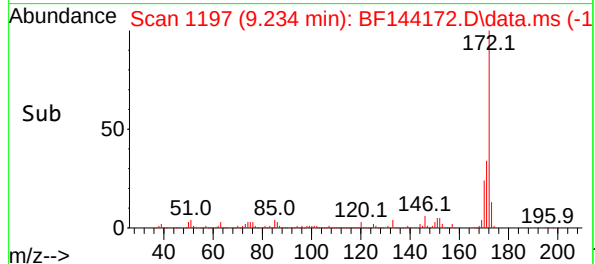
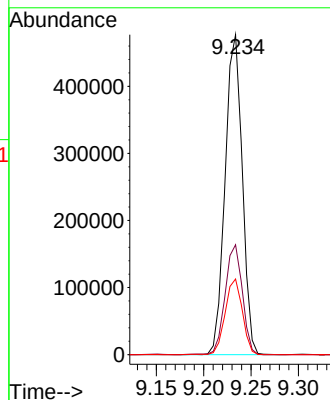
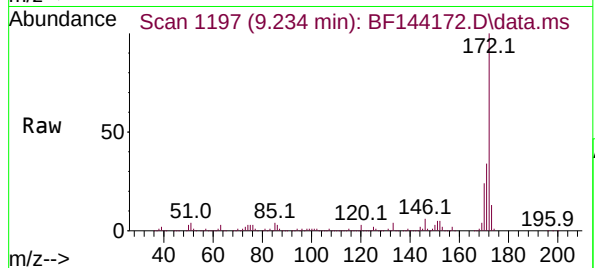




#45
2-Fluorobiphenyl
Concen: 40.208 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

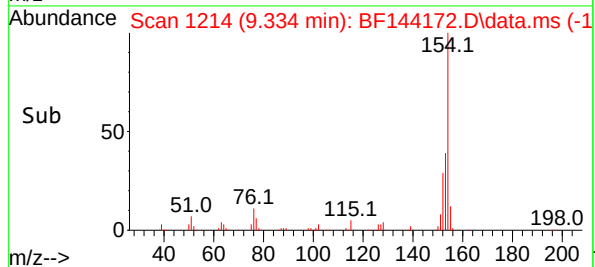
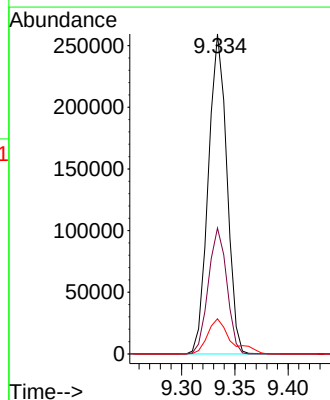
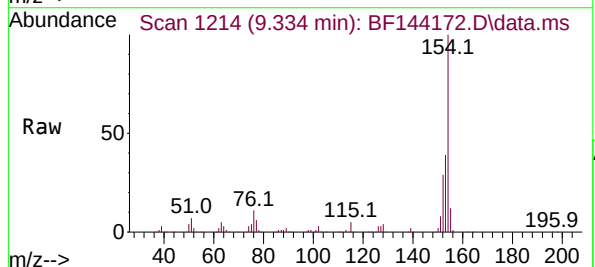
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

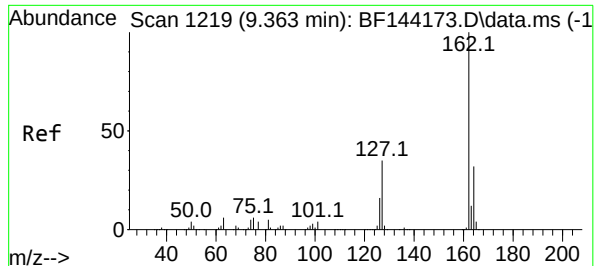
Tgt Ion:172 Resp: 599169
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 20.417 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 313667
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 11.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 20.262 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

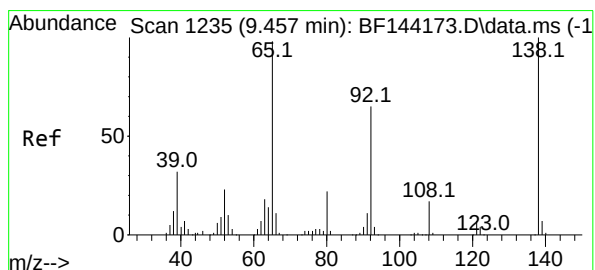
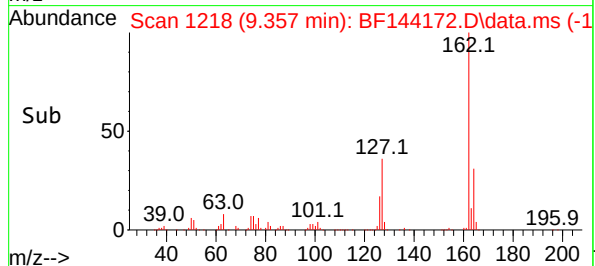
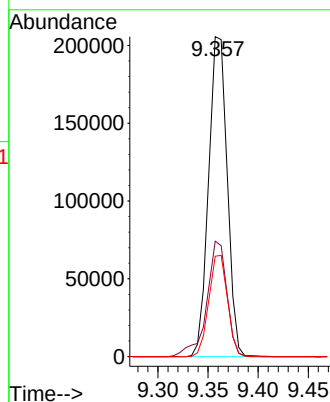
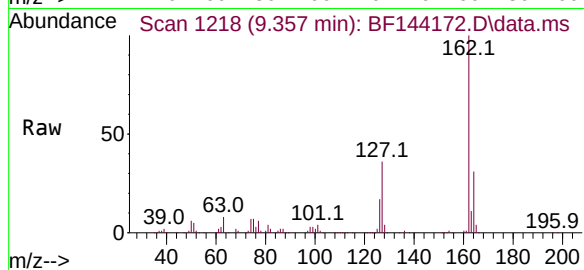
Tgt Ion:162 Resp: 265522

Ion Ratio Lower Upper

162 100

127 36.1 28.8 43.2

164 31.4 25.8 38.8



#48

2-Nitroaniline

Concen: 20.308 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

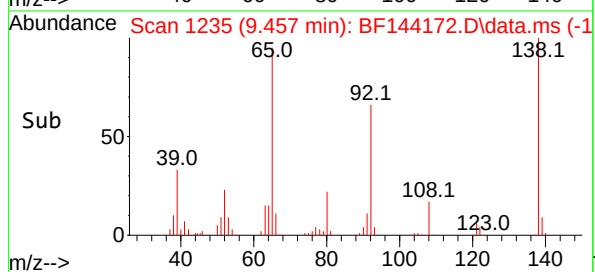
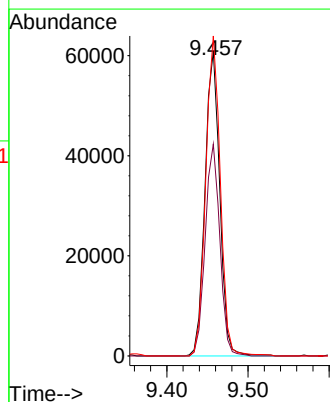
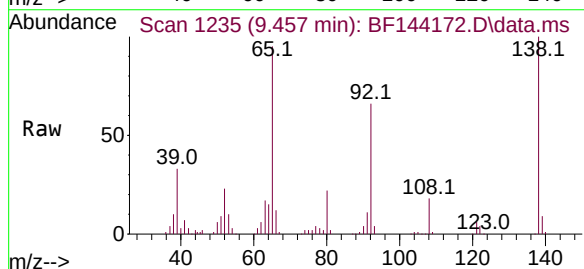
Tgt Ion: 65 Resp: 76785

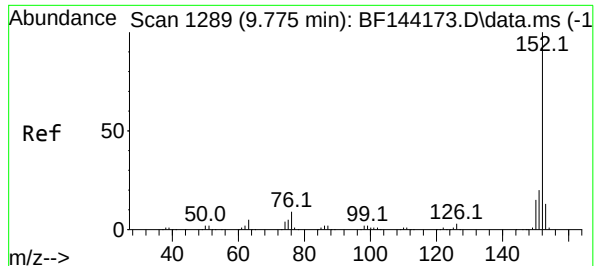
Ion Ratio Lower Upper

65 100

92 69.5 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 20.664 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144172.D

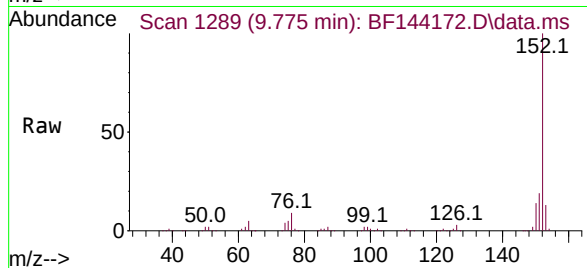
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



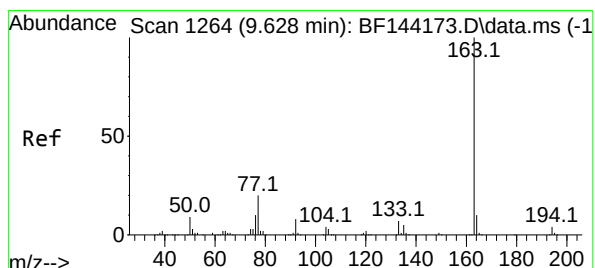
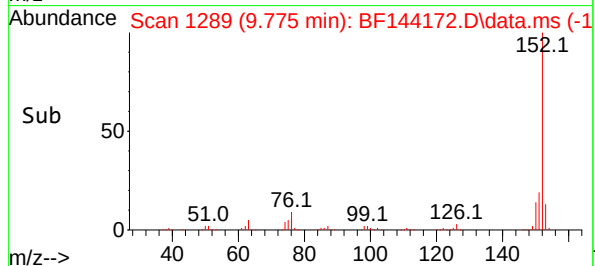
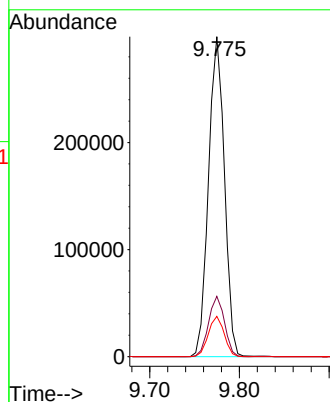
Tgt Ion:152 Resp: 369018

Ion Ratio Lower Upper

152 100

151 18.8 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 20.516 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

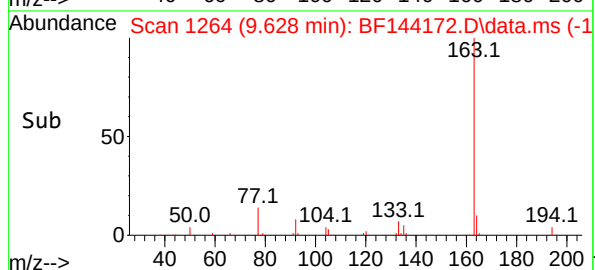
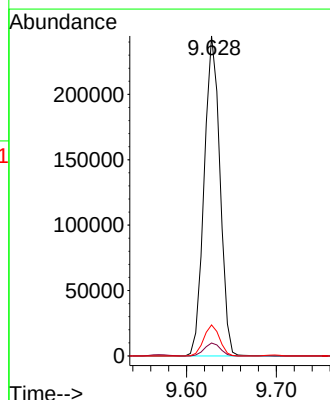
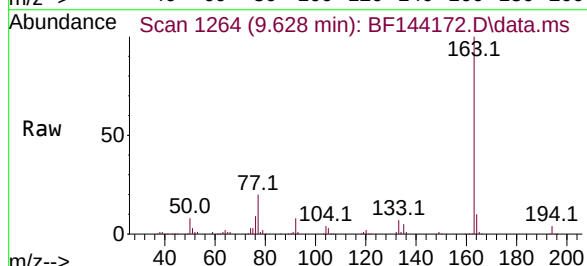
Tgt Ion:163 Resp: 299125

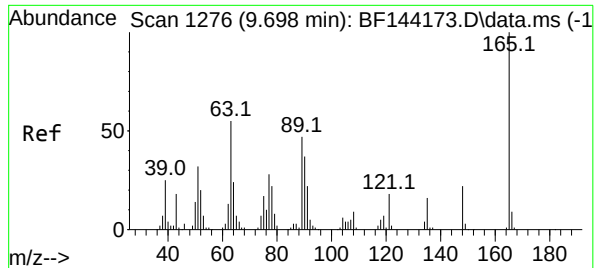
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 20.212 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

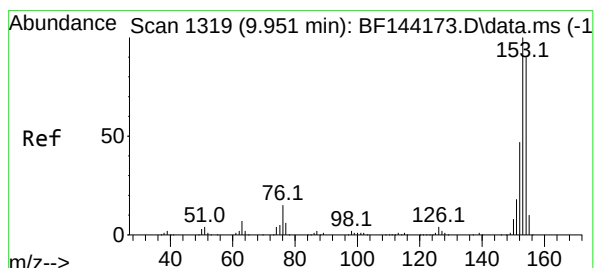
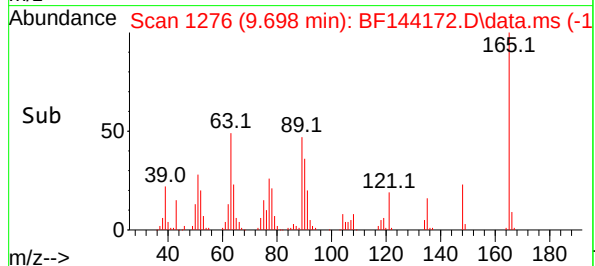
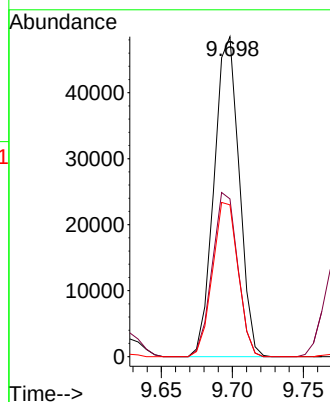
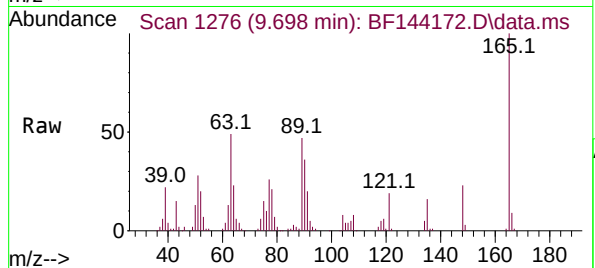
Tgt Ion:165 Resp: 59656

Ion Ratio Lower Upper

165 100

63 49.3 43.8 65.8

89 47.4 37.5 56.3



#52

Acenaphthene

Concen: 20.641 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

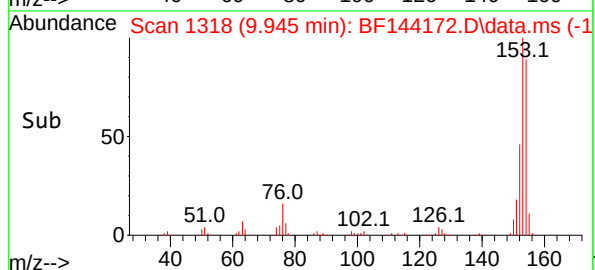
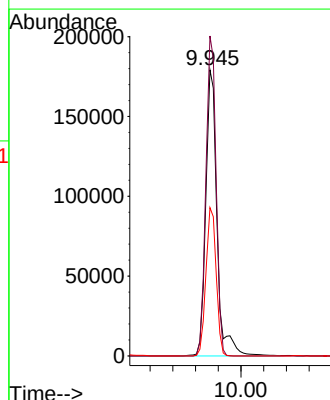
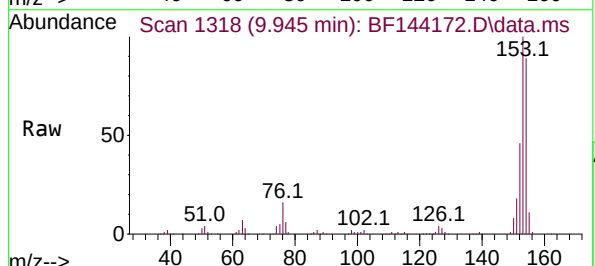
Tgt Ion:154 Resp: 246497

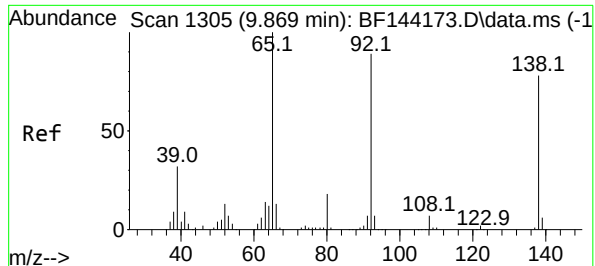
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.4

152 51.8 42.2 63.4





#53

3-Nitroaniline

Concen: 20.623 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

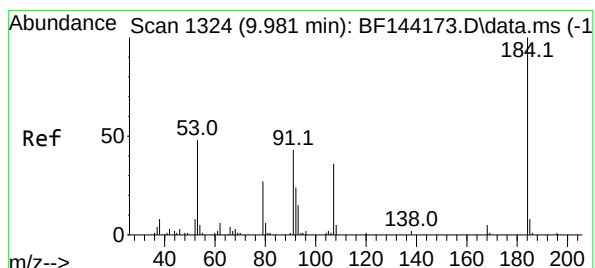
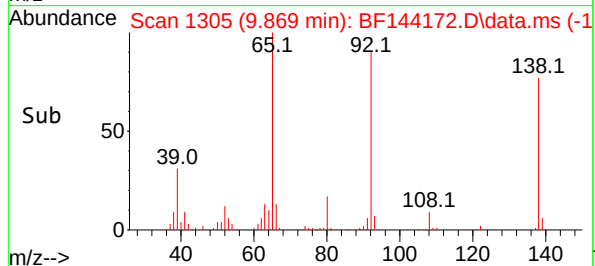
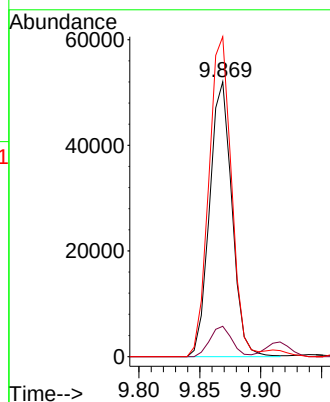
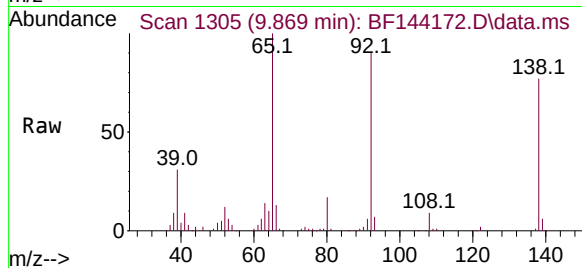
Tgt Ion:138 Resp: 66539

Ion Ratio Lower Upper

138 100

108 11.1 7.5 11.3

92 116.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 20.453 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

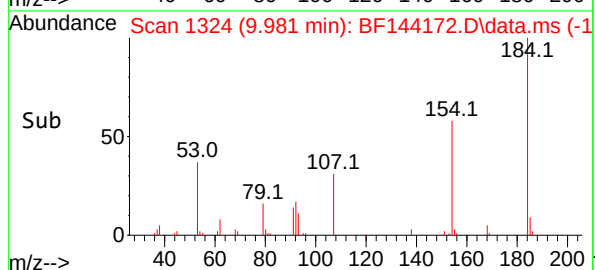
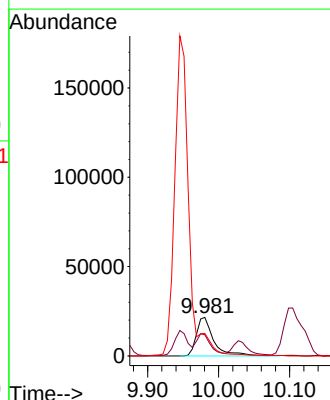
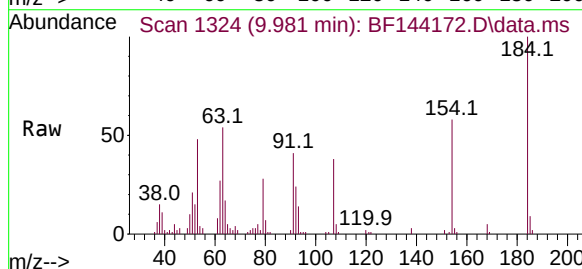
Tgt Ion:184 Resp: 36453

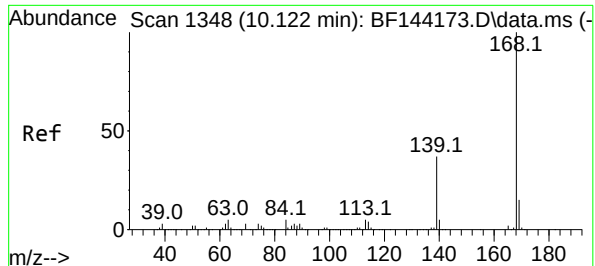
Ion Ratio Lower Upper

184 100

63 54.5 44.0 66.0

154 58.3 42.4 63.6





#55

Dibenzofuran

Concen: 20.864 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

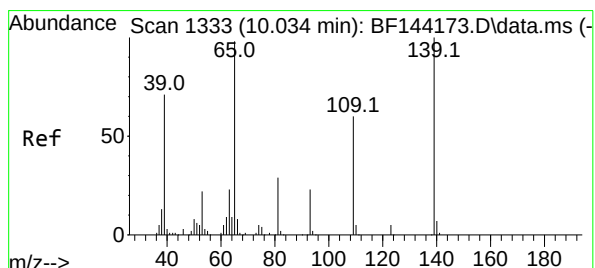
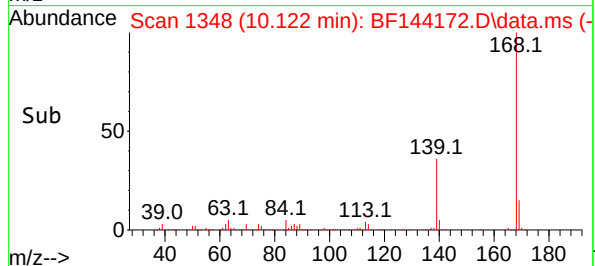
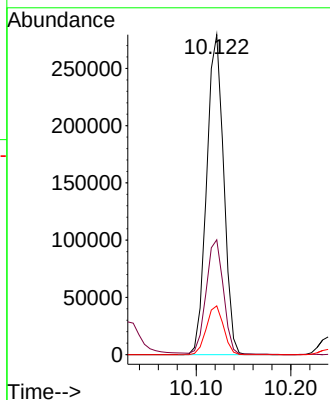
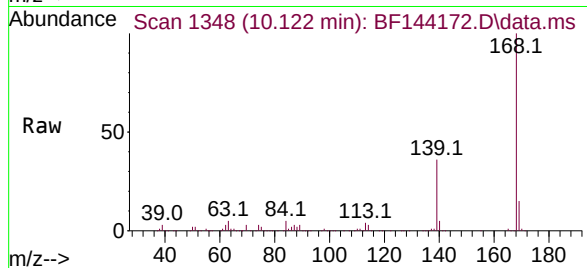
Tgt Ion:168 Resp: 348955

Ion Ratio Lower Upper

168 100

139 35.9 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 19.003 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

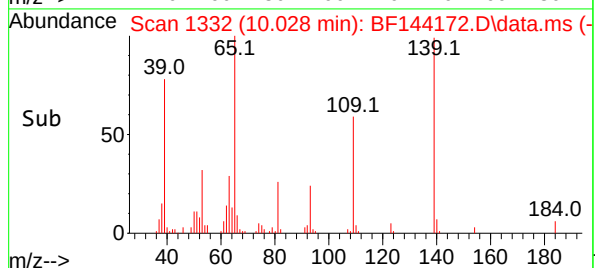
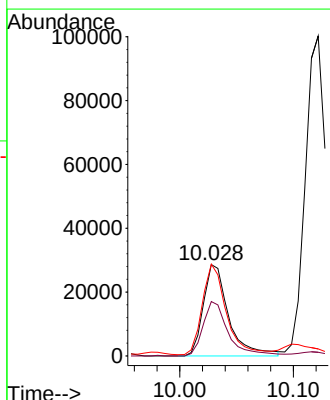
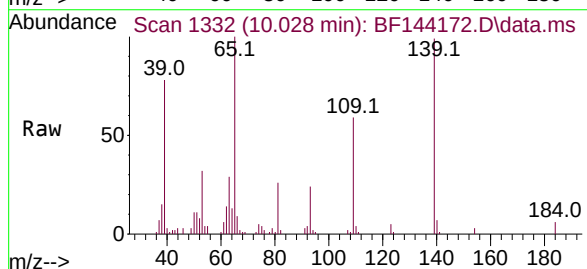
Tgt Ion:139 Resp: 44352

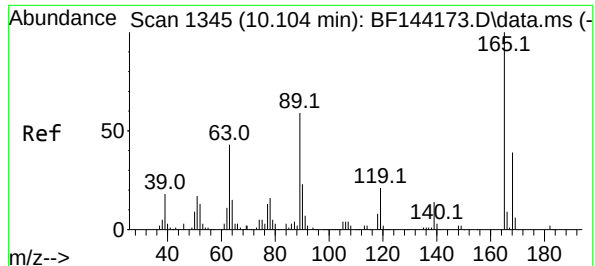
Ion Ratio Lower Upper

139 100

109 59.5 39.9 79.9

65 100.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 20.706 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 81812

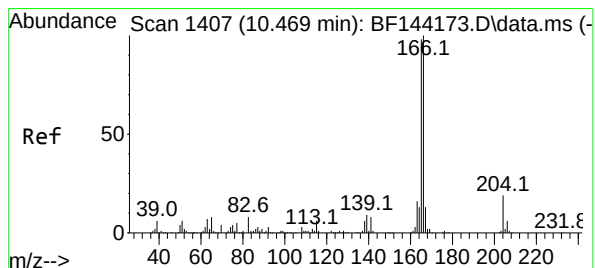
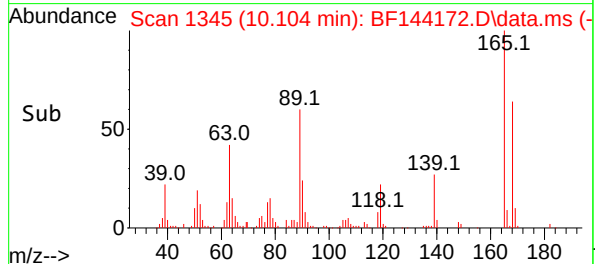
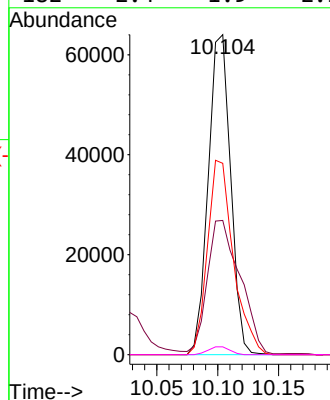
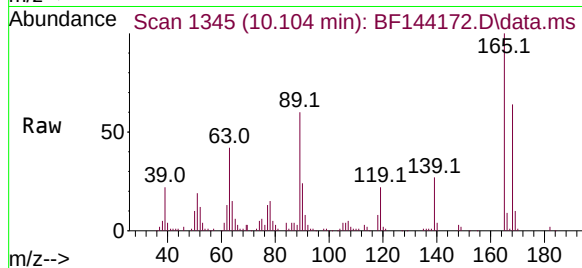
Ion Ratio Lower Upper

165 100

63 41.9 35.5 53.3

89 59.8 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 20.725 ng

RT: 10.463 min Scan# 1406

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

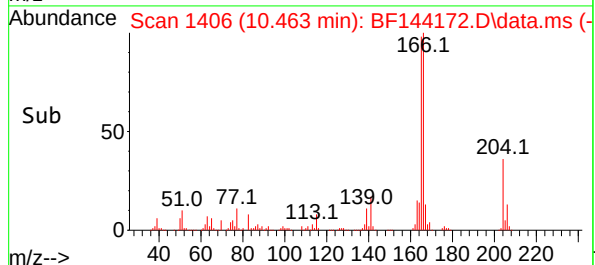
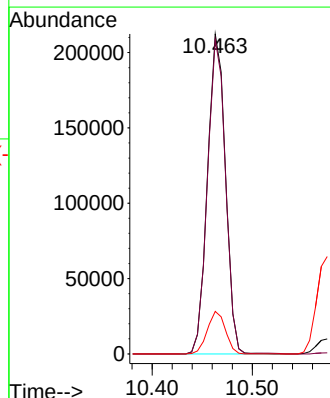
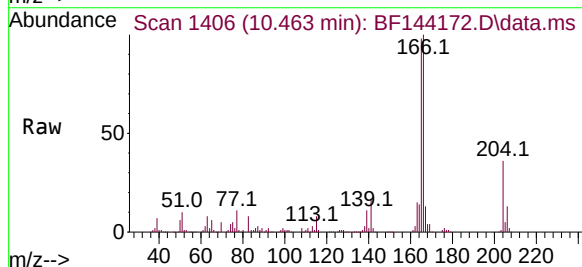
Tgt Ion:166 Resp: 263546

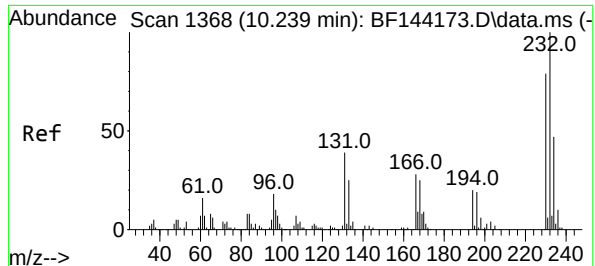
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.3 10.4 15.6

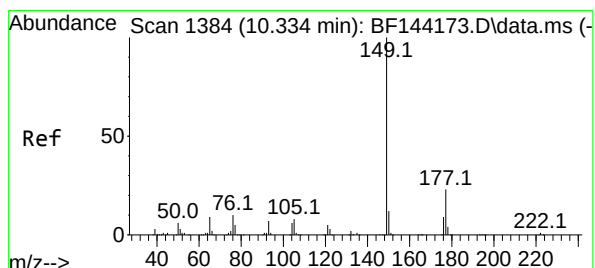
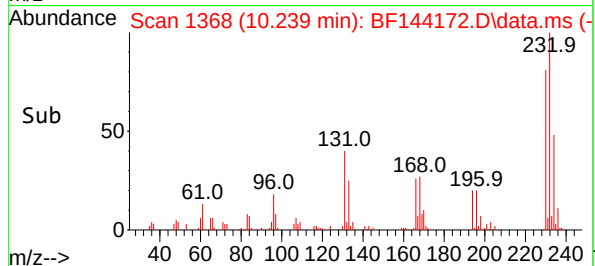
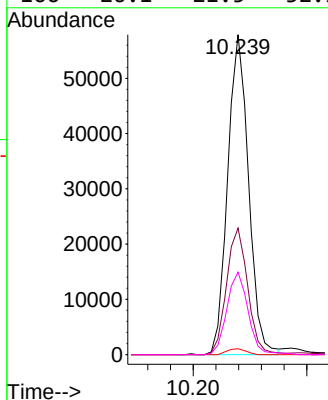
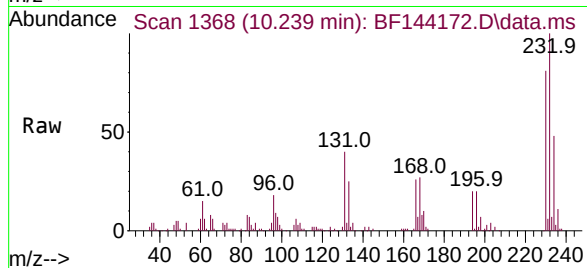




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.762 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

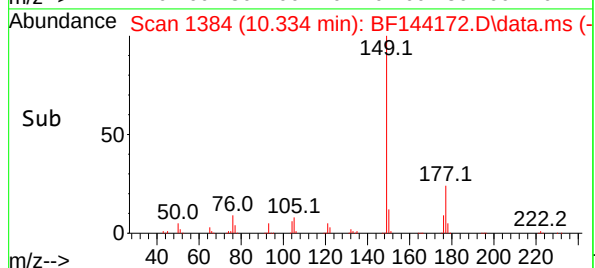
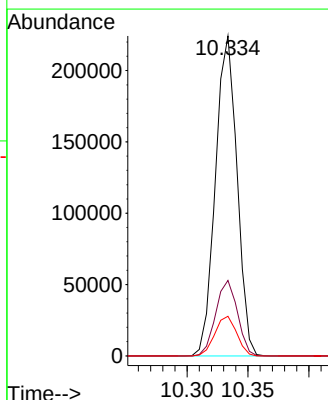
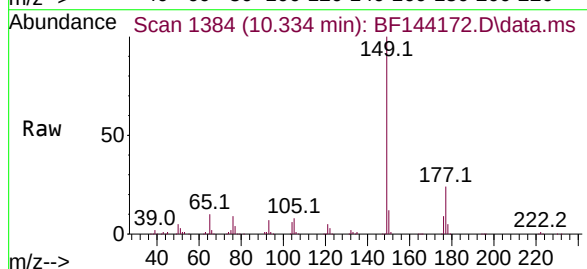
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

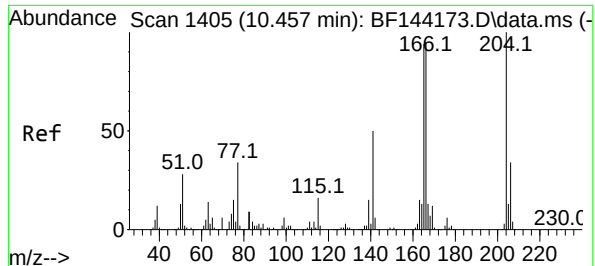
Tgt Ion:232 Resp: 73978
Ion Ratio Lower Upper
232 100
131 40.2 30.3 45.5
130 1.6 1.2 1.8
166 26.1 21.5 32.3



#60
Diethylphthalate
Concen: 20.535 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 276008
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.4 9.8 14.6

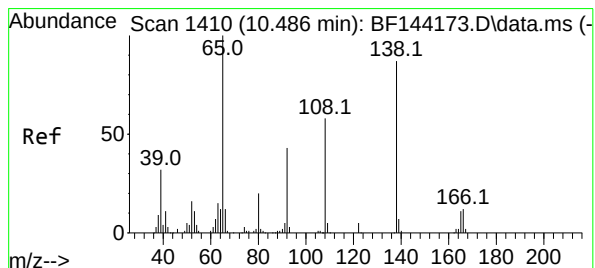
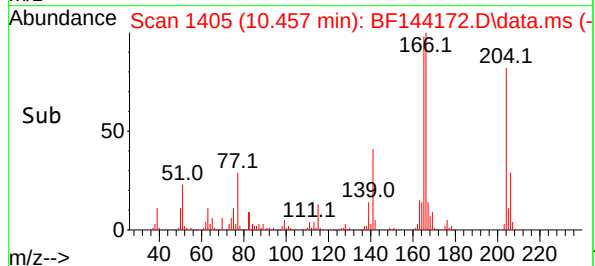
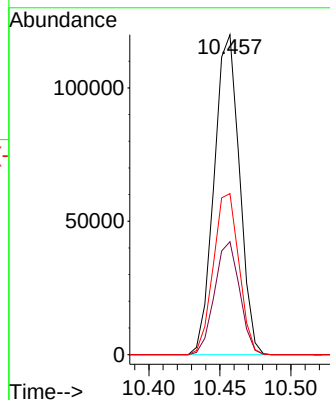
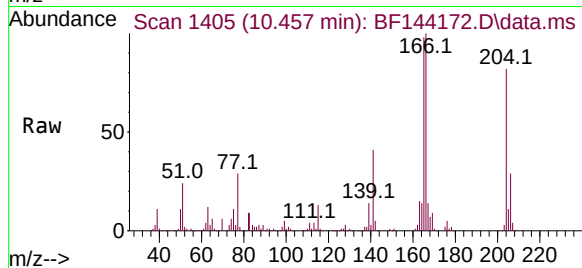




#61
4-Chlorophenyl-phenylether
Concen: 20.595 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

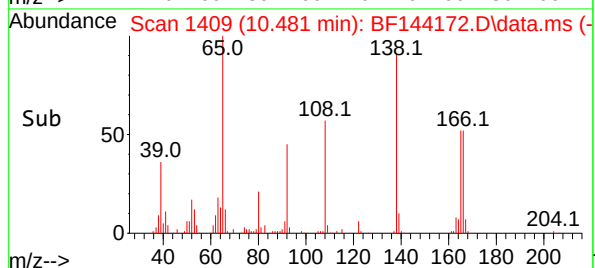
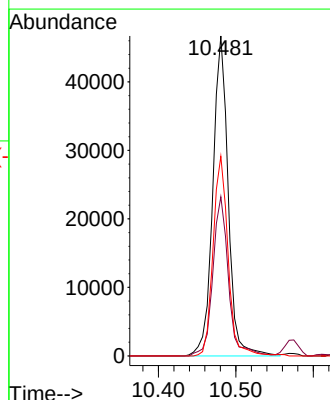
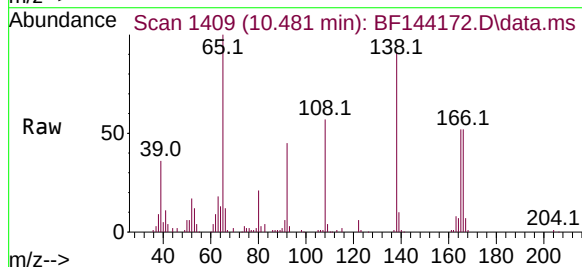
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

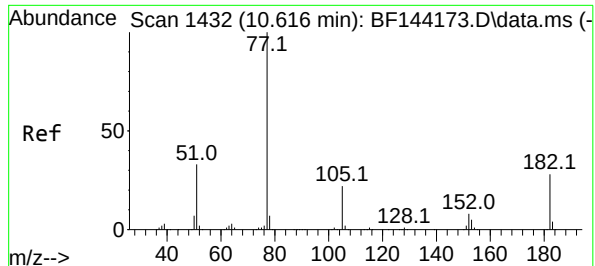
Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.4	41.2
141	50.3	40.0	60.0



#62
4-Nitroaniline
Concen: 20.987 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.4	69.4
108	62.4	46.4	86.4

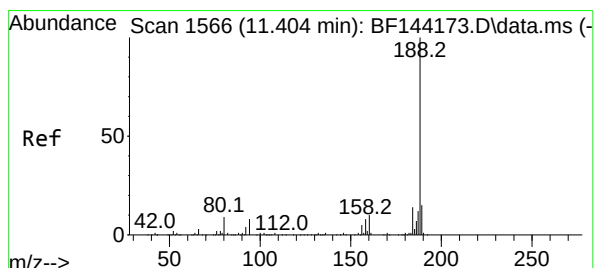
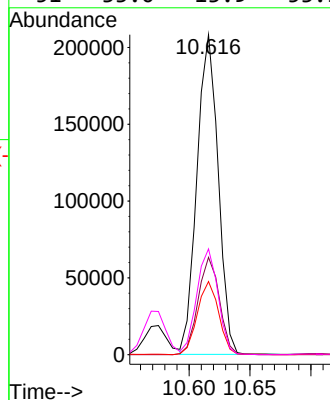
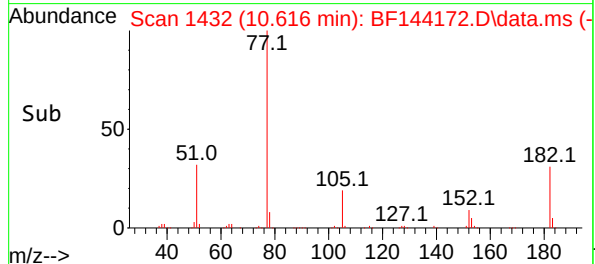
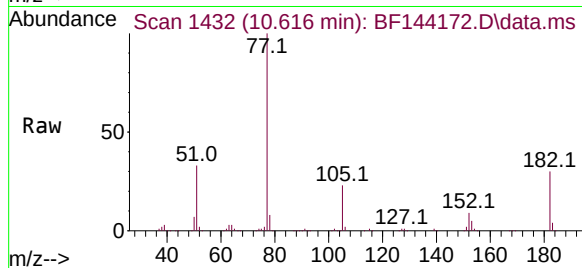




#63
Azobenzene
Concen: 20.147 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

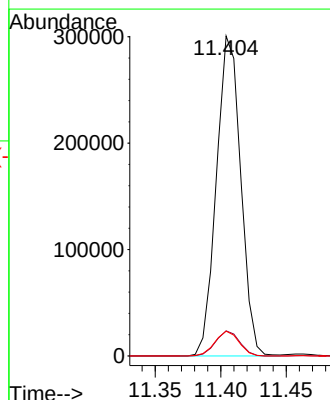
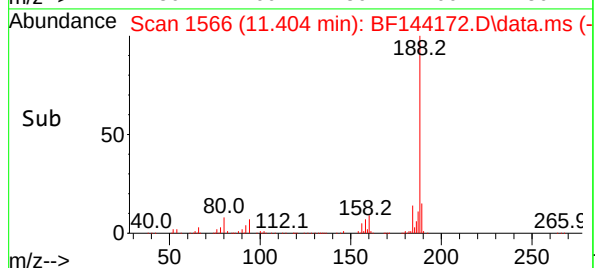
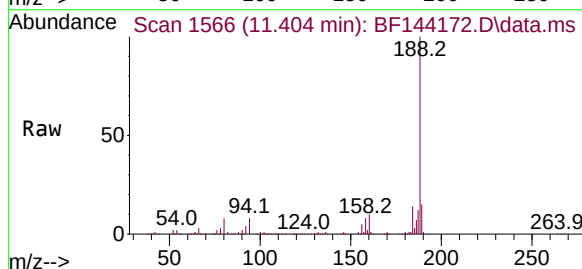
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

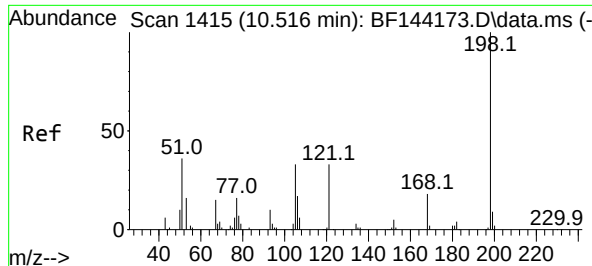
Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.1	48.1
105	22.8	2.0	42.0
51	33.0	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.9	10.3

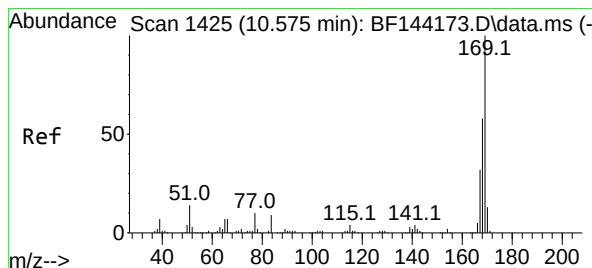
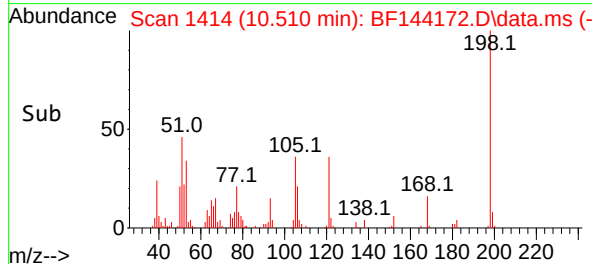
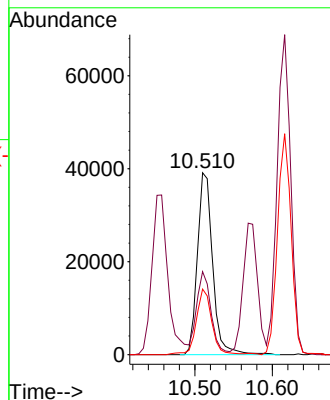
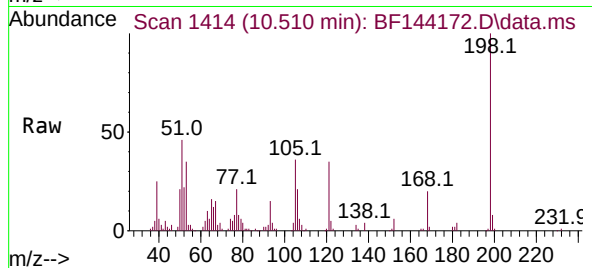




#65
4,6-Dinitro-2-methylphenol
Concen: 20.307 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

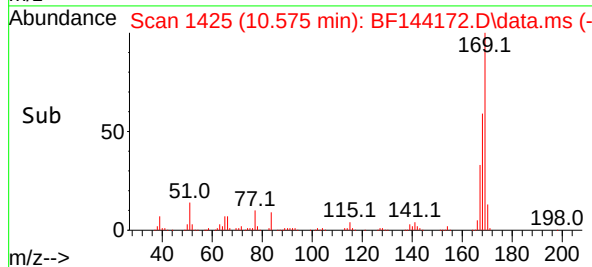
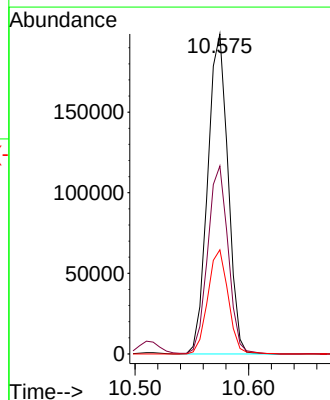
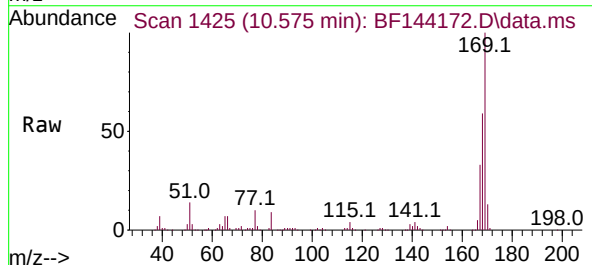
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

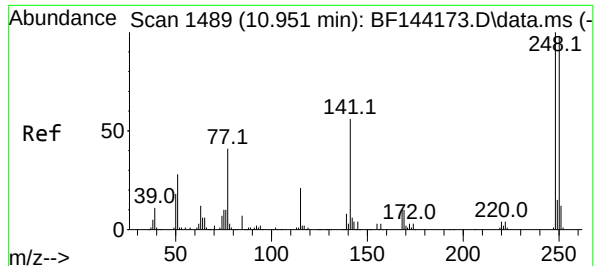
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.6	65.6
105	36.0	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 19.743 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.7	46.2	69.2
167	32.5	25.7	38.5

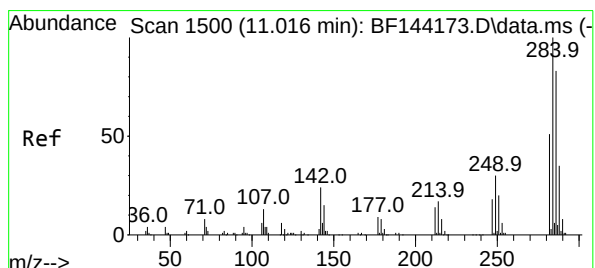
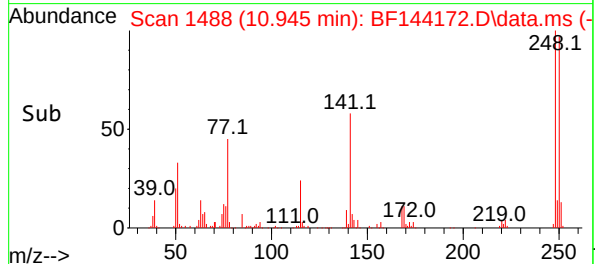
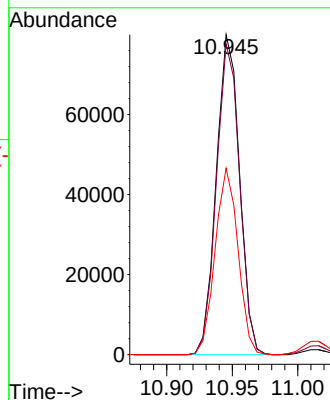
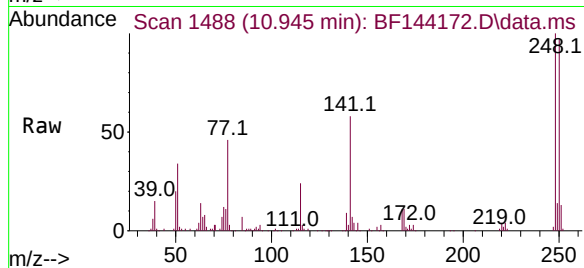




#67
4-Bromophenyl-phenylether
Concen: 19.959 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

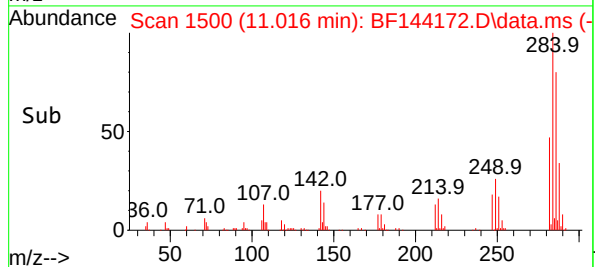
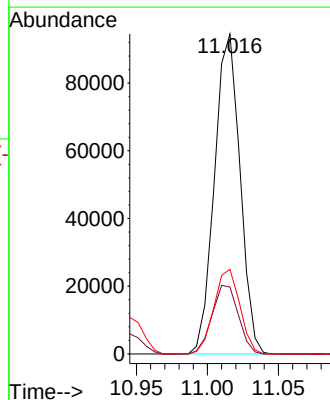
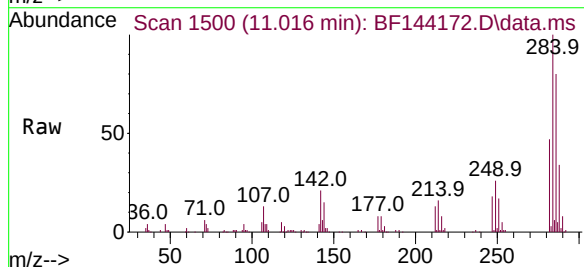
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

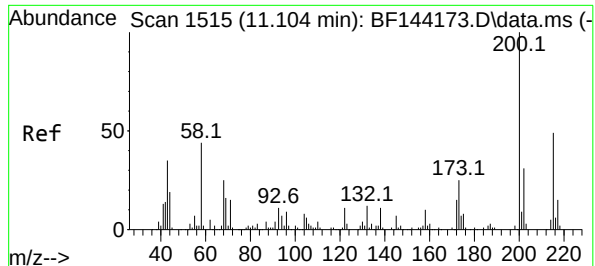
Tgt Ion:248 Resp: 98958
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 58.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 20.279 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:284 Resp: 118426
Ion Ratio Lower Upper
284 100
142 20.9 19.2 28.8
249 26.4 23.8 35.8





#69

Atrazine

Concen: 21.052 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

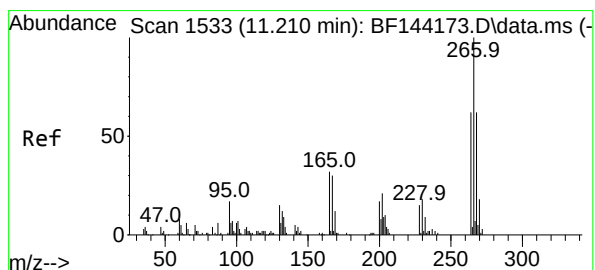
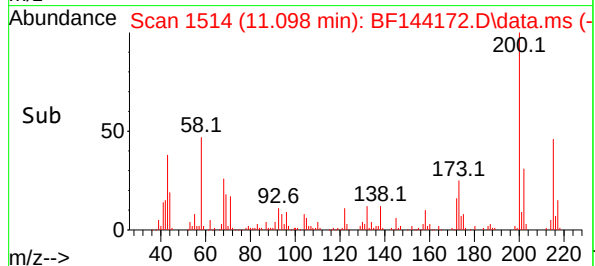
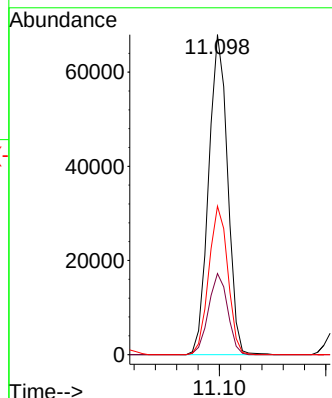
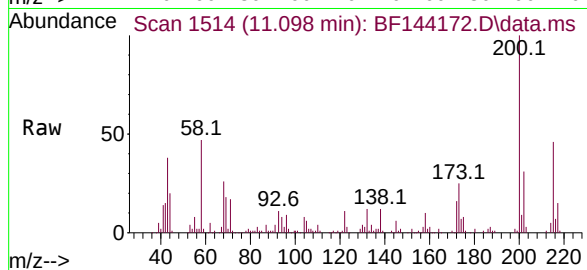
Tgt Ion:200 Resp: 83639

Ion Ratio Lower Upper

200 100

173 25.3 5.0 45.0

215 46.4 28.7 68.7



#70

Pentachlorophenol

Concen: 19.177 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

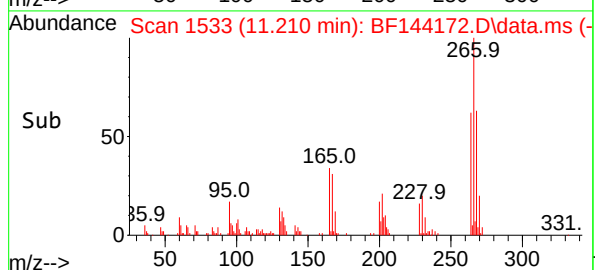
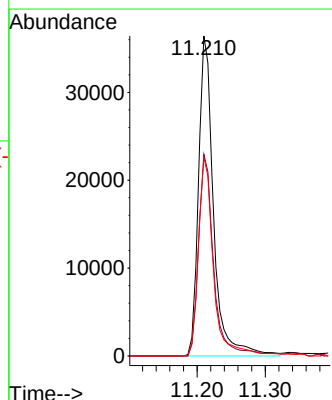
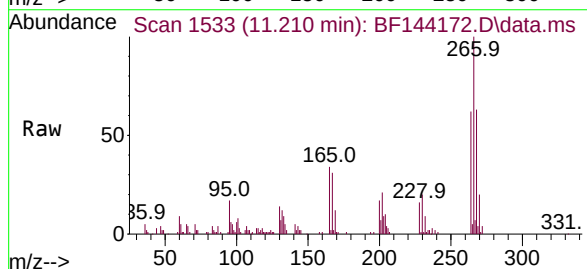
Tgt Ion:266 Resp: 55766

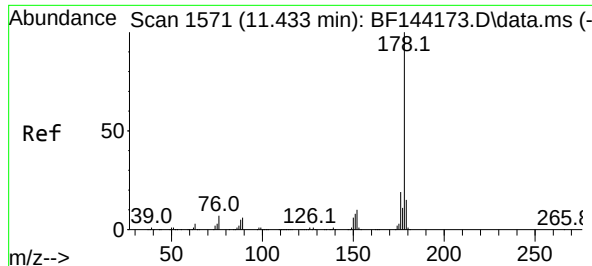
Ion Ratio Lower Upper

266 100

268 63.0 49.5 74.3

264 62.1 49.4 74.2

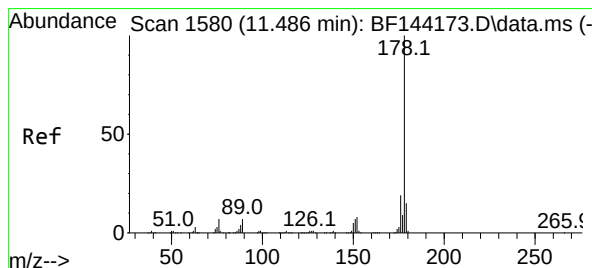
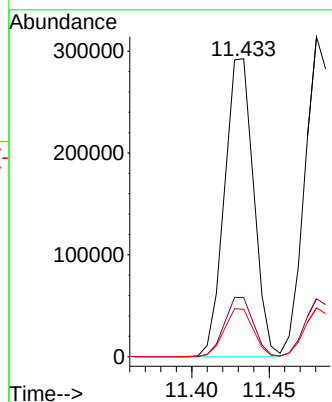
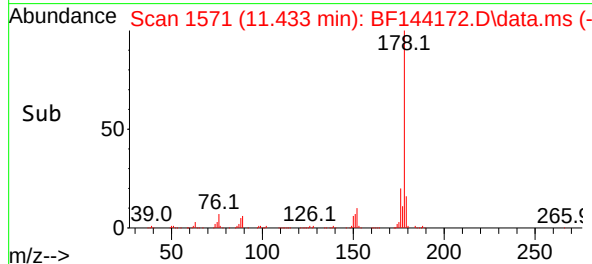
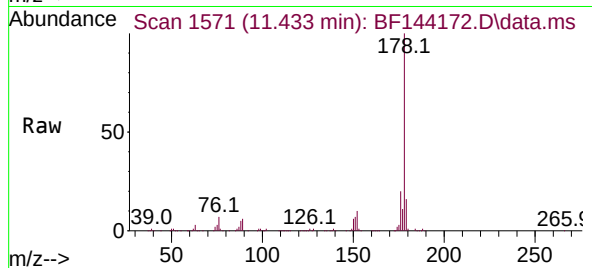




#71
Phenanthrene
Concen: 19.794 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

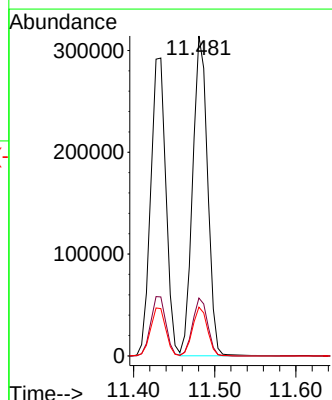
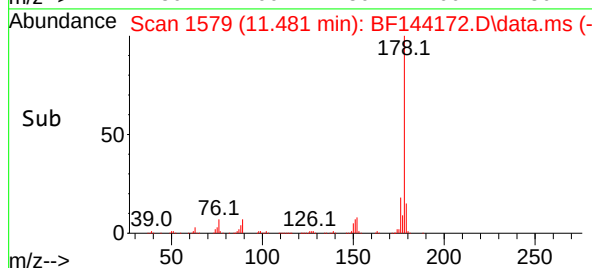
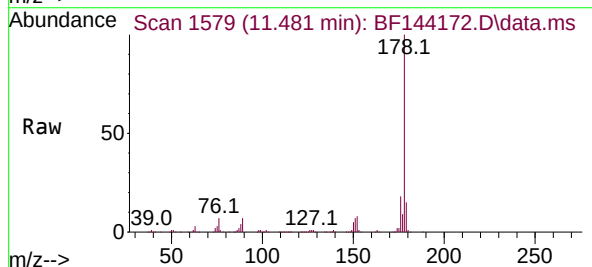
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

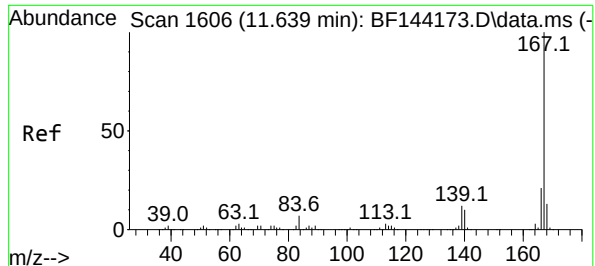
Tgt Ion:178 Resp: 382805
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.2 18.4



#72
Anthracene
Concen: 20.292 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:178 Resp: 399043
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.3 12.0 18.0

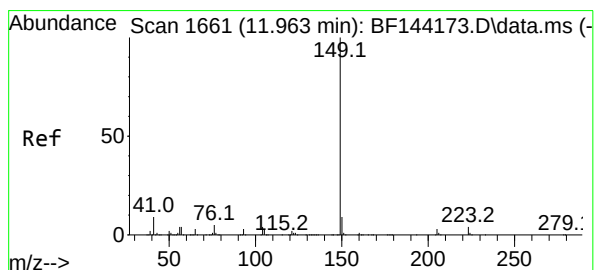
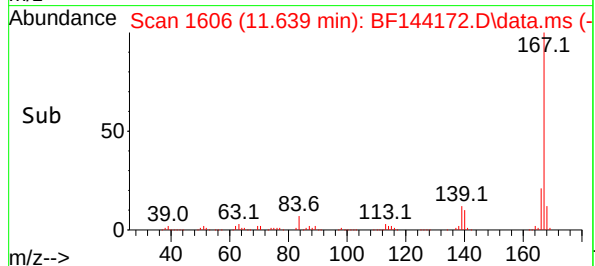
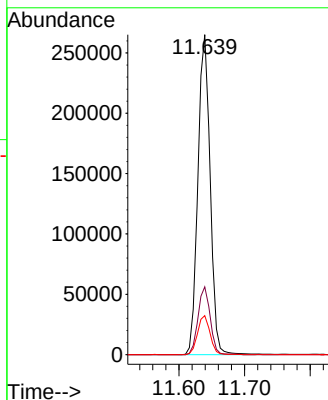
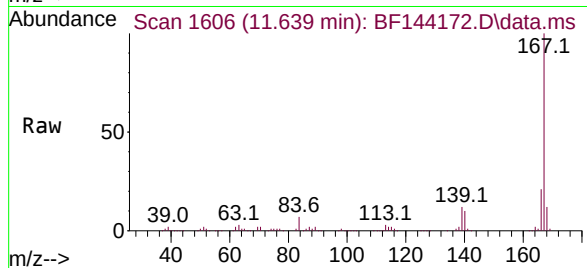




#73
Carbazole
Concen: 20.490 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

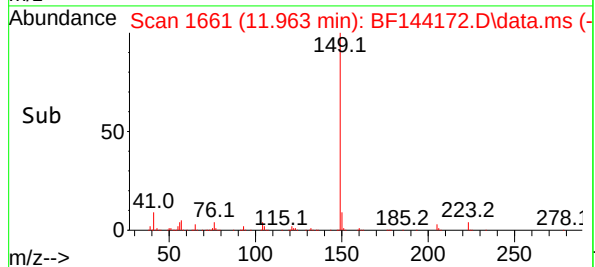
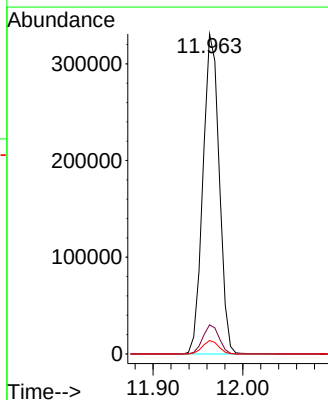
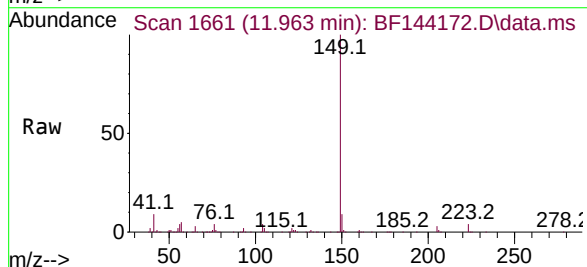
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

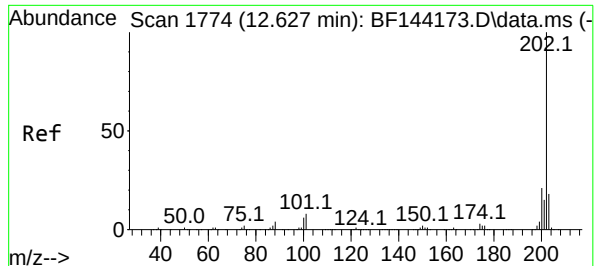
Tgt Ion:167 Resp: 342636
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 20.691 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 418262
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2

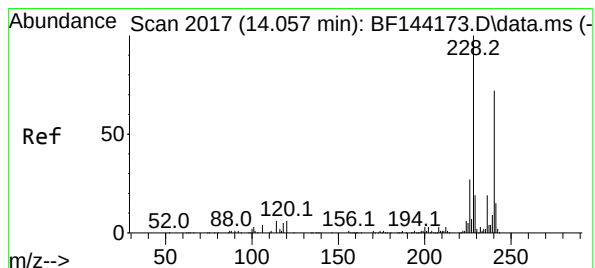
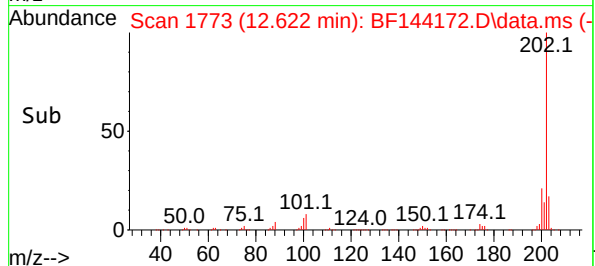
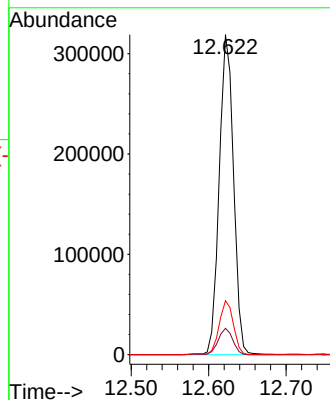
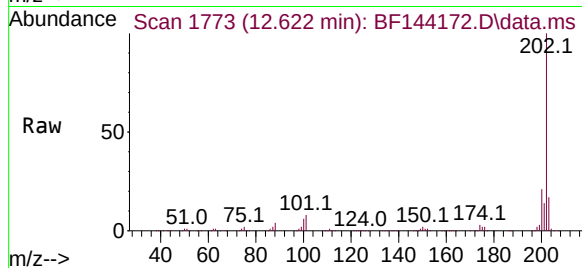




#75
Fluoranthene
Concen: 20.466 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

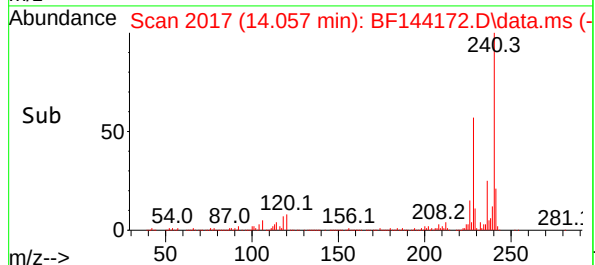
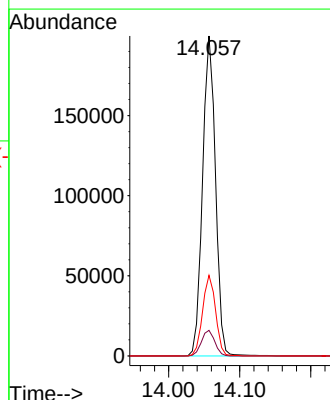
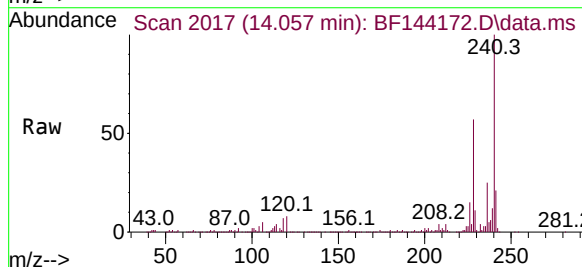
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

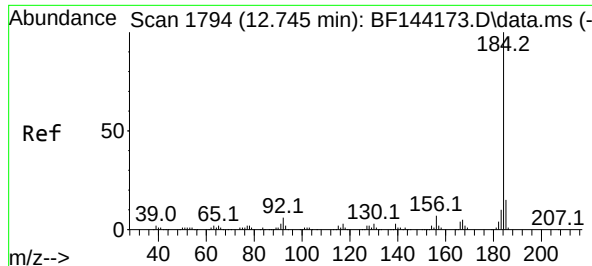
Tgt Ion:202 Resp: 408870
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 16.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:240 Resp: 250706
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.2 21.4 32.2





#77

Benzidine

Concen: 17.535 ng

RT: 12.745 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

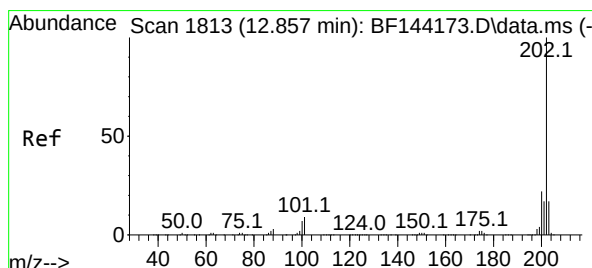
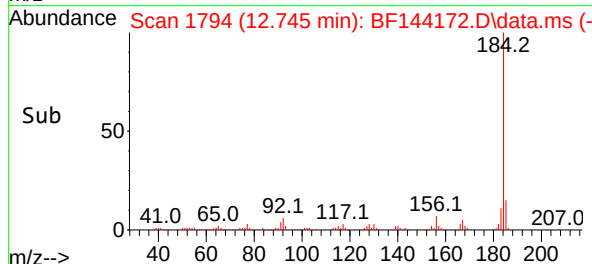
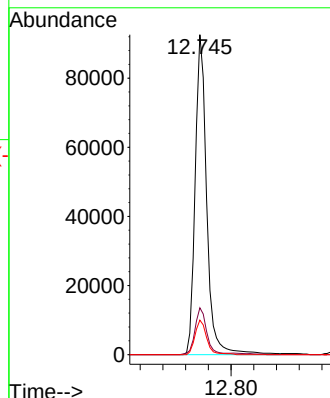
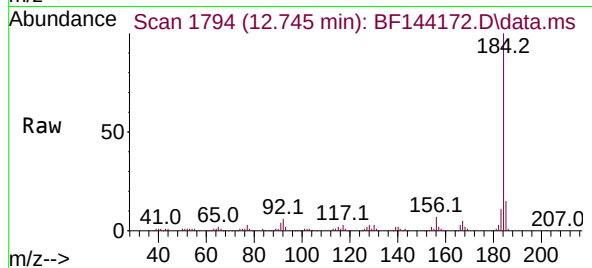
Tgt Ion:184 Resp: 130033

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.8 8.3 12.5



#78

Pyrene

Concen: 20.229 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

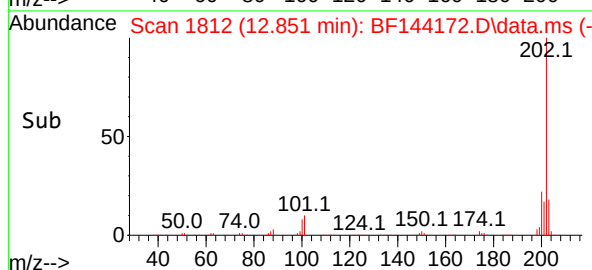
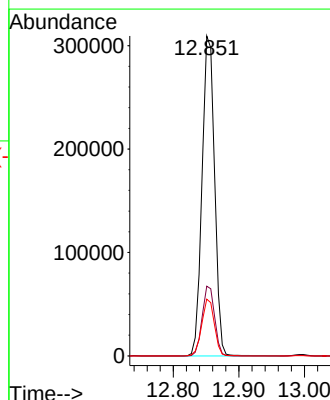
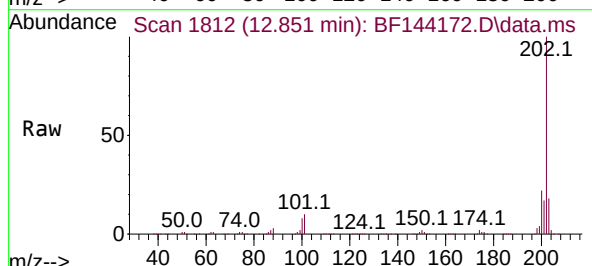
Tgt Ion:202 Resp: 408920

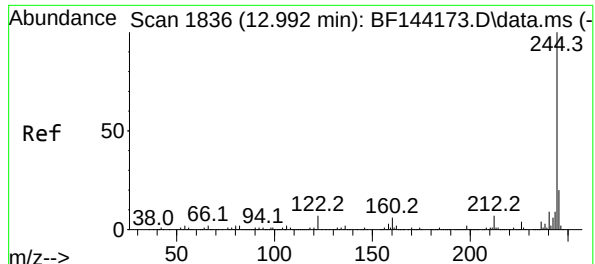
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.7 13.7 20.5





#79

Terphenyl-d14

Concen: 40.461 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144172.D

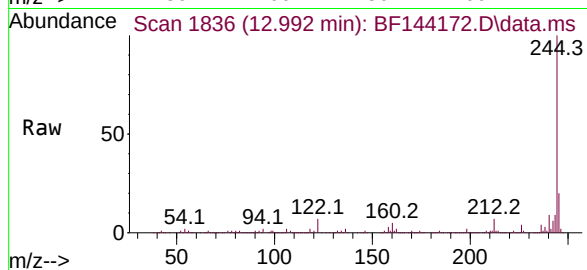
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



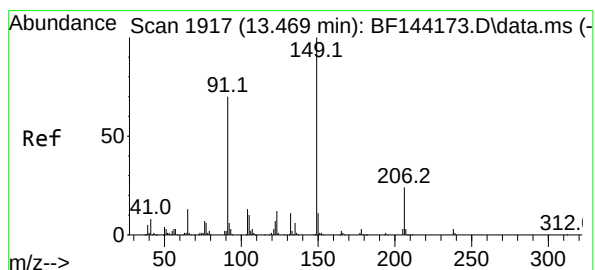
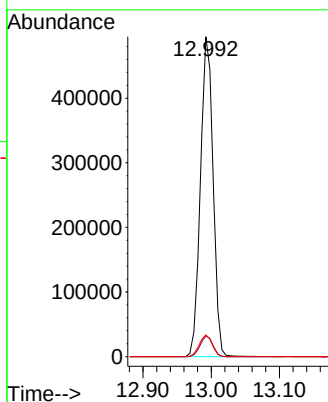
Tgt Ion:244 Resp: 638611

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 19.677 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

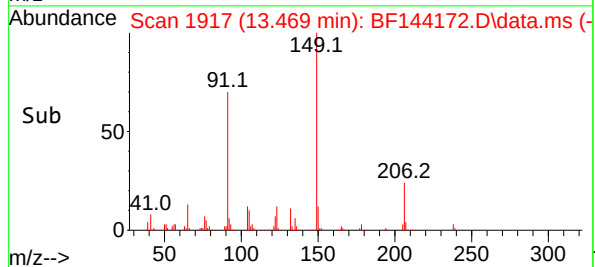
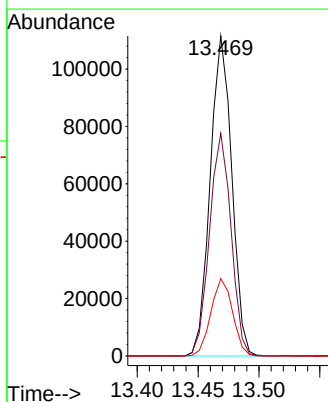
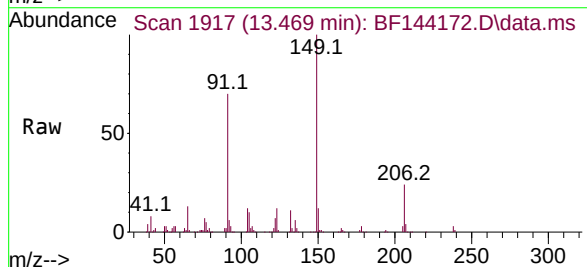
Tgt Ion:149 Resp: 137856

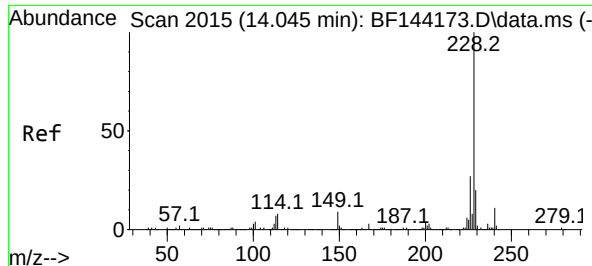
Ion Ratio Lower Upper

149 100

91 69.5 56.1 84.1

206 24.1 18.8 28.2

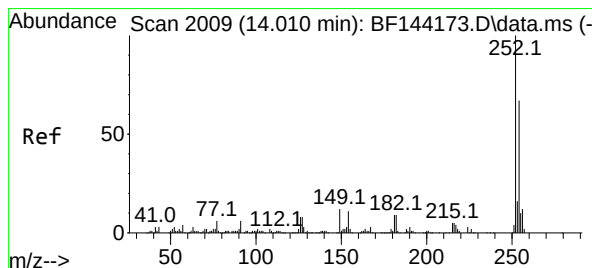
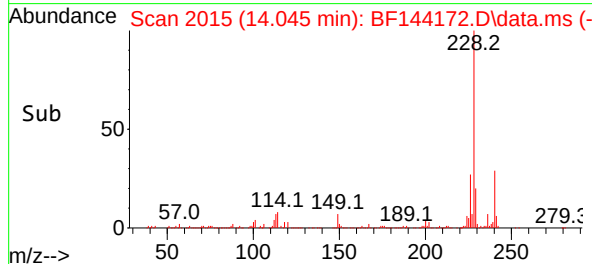
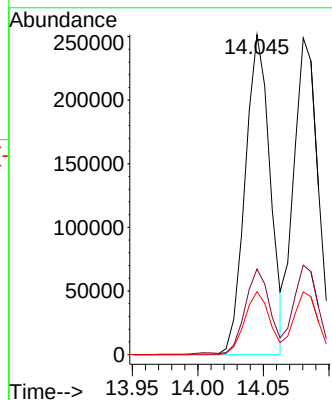
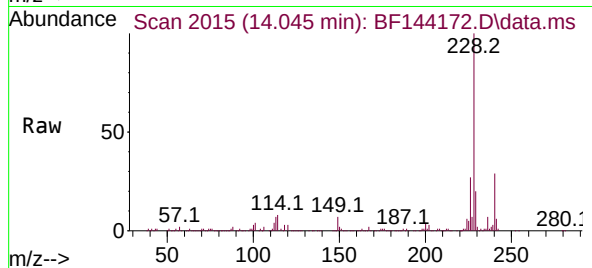




#81
Benzo(a)anthracene
Concen: 19.191 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

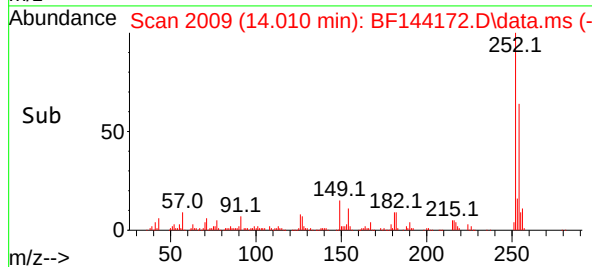
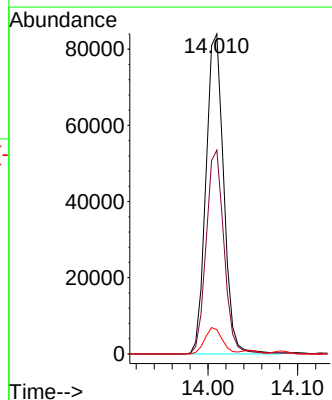
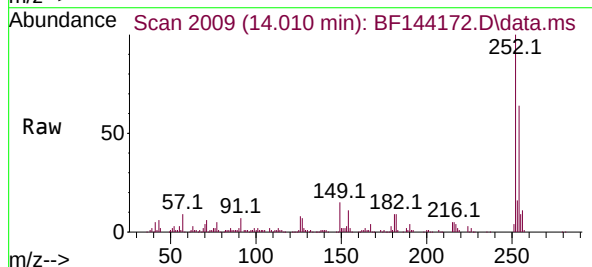
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

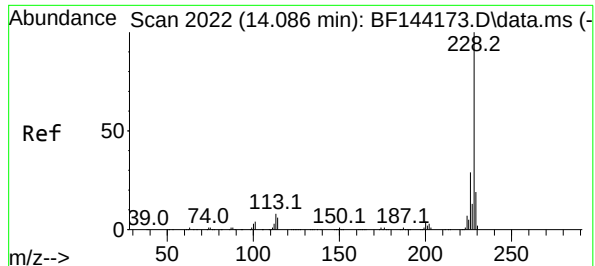
Tgt Ion:228 Resp: 333458
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.389 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 115478
Ion Ratio Lower Upper
252 100
254 63.7 53.5 80.3
126 7.6 6.4 9.6





#83

Chrysene

Concen: 19.995 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

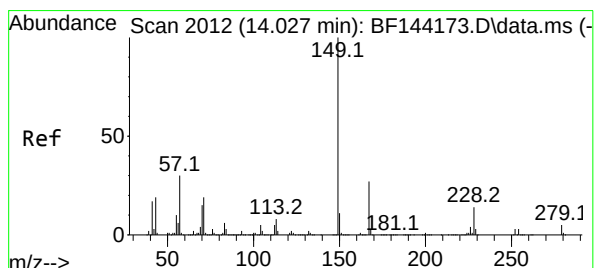
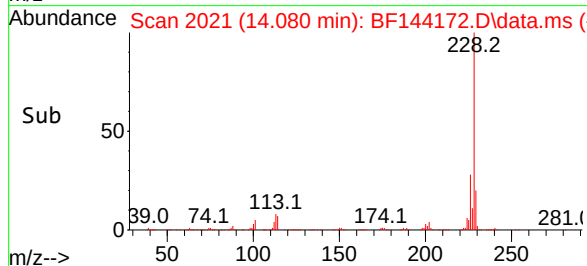
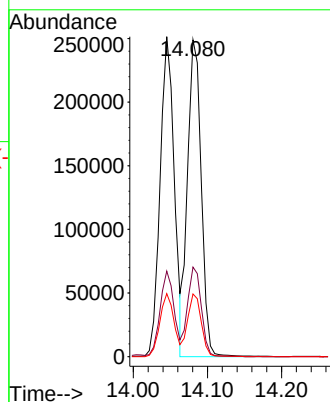
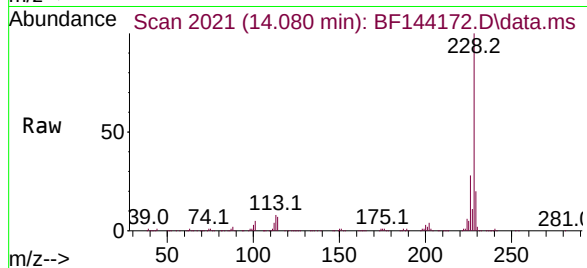
Tgt Ion:228 Resp: 320726

Ion Ratio Lower Upper

228 100

226 28.3 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.738 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

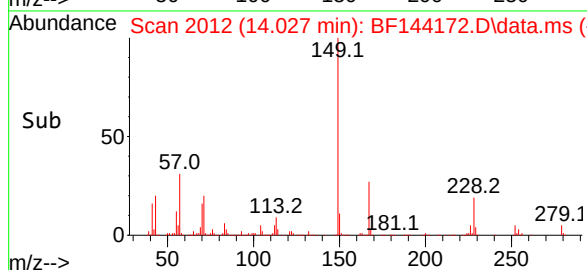
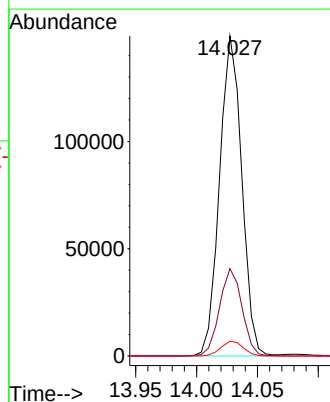
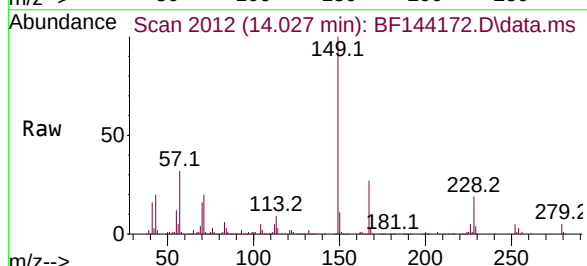
Tgt Ion:149 Resp: 189305

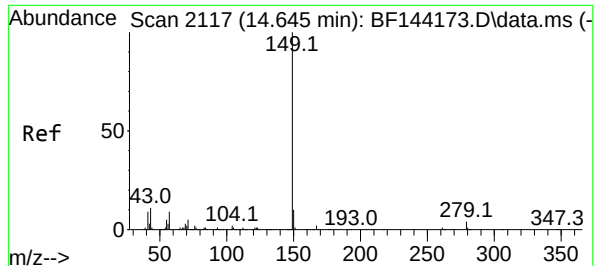
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.6 3.7 5.5

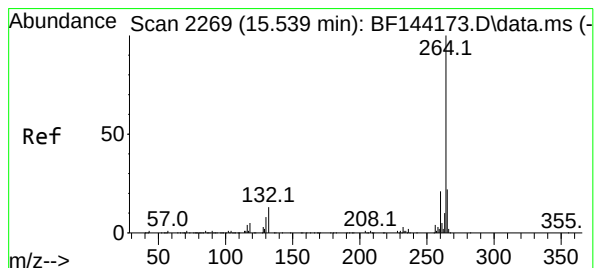
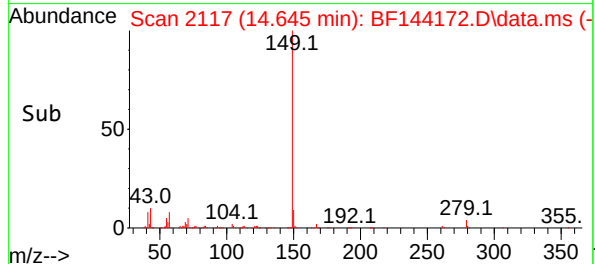
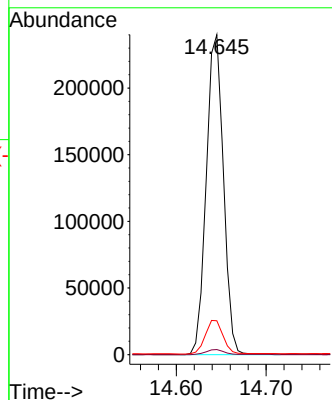
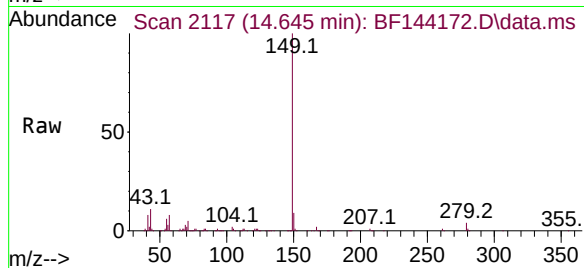




#85
Di-n-octyl phthalate
Concen: 19.268 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

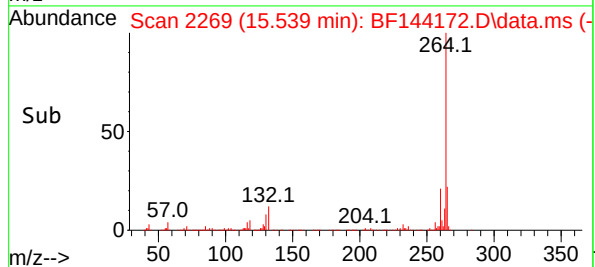
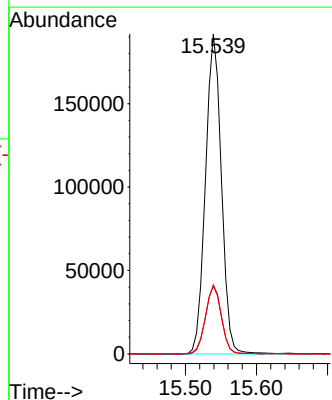
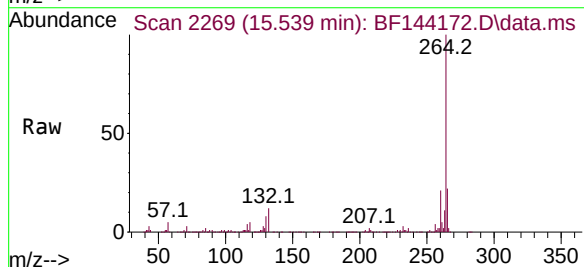
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

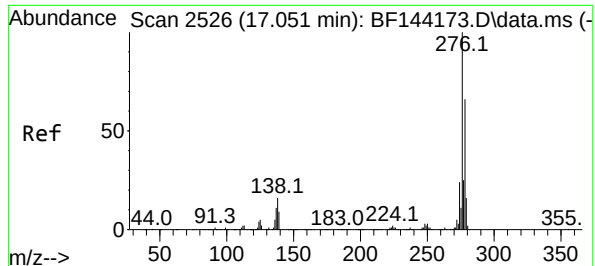
Tgt Ion:149 Resp: 318841
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:264 Resp: 297677
Ion Ratio Lower Upper
264 100
260 21.2 17.1 25.7
265 21.6 17.4 26.0

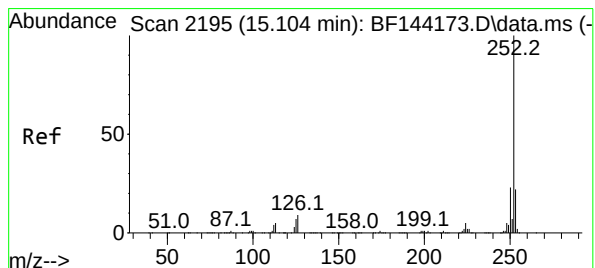
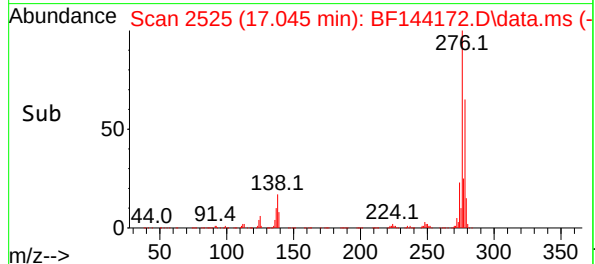
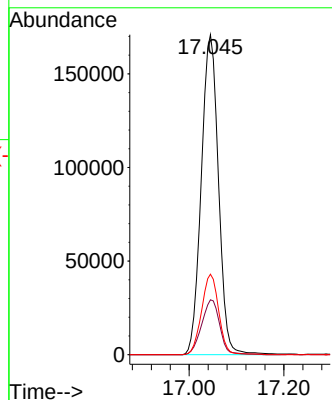
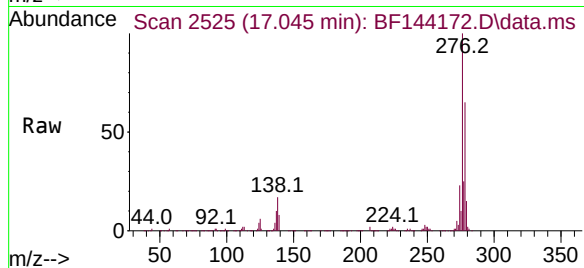




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.155 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

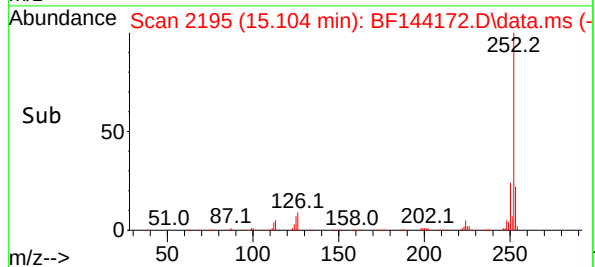
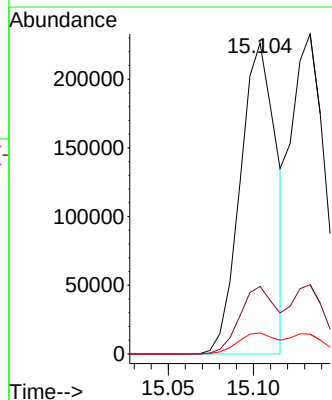
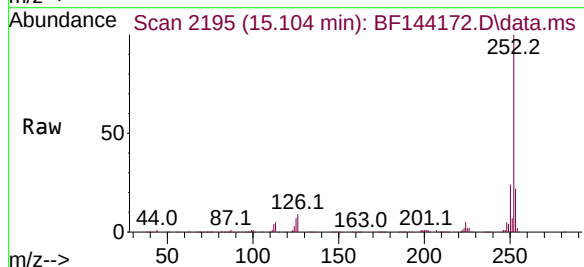
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

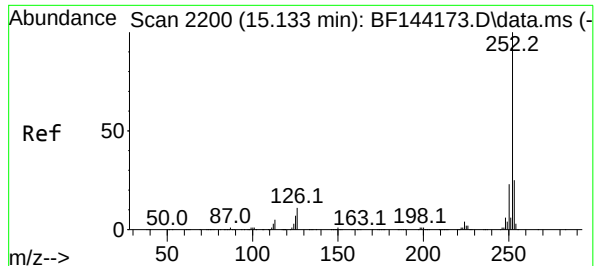
Tgt Ion:276 Resp: 430691
Ion Ratio Lower Upper
276 100
138 18.0 13.9 20.9
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 19.598 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 331673
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.8 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 20.358 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

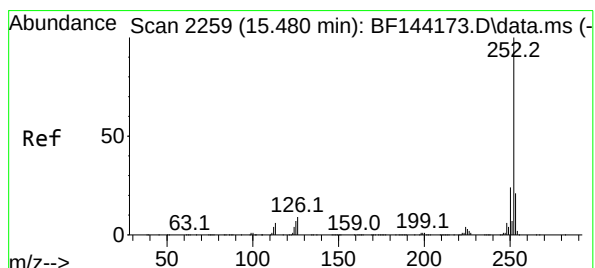
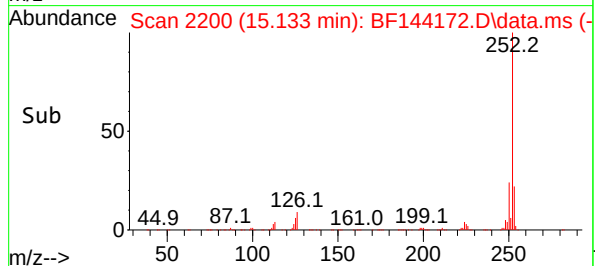
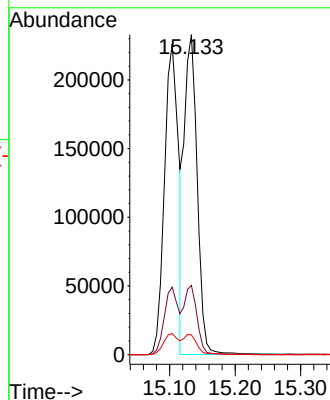
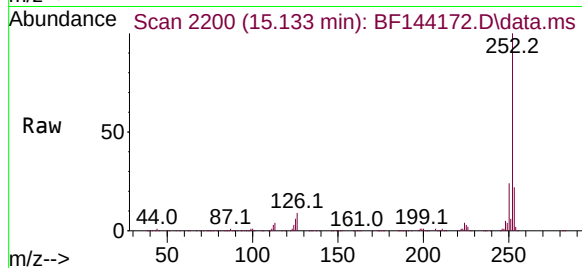
Tgt Ion:252 Resp: 322479

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 20.169 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

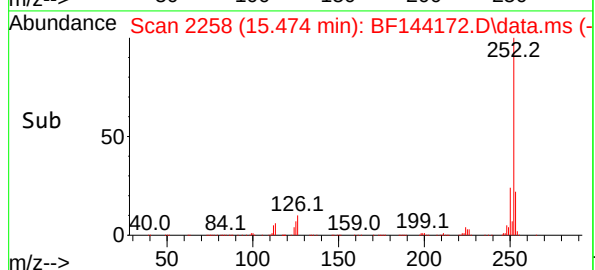
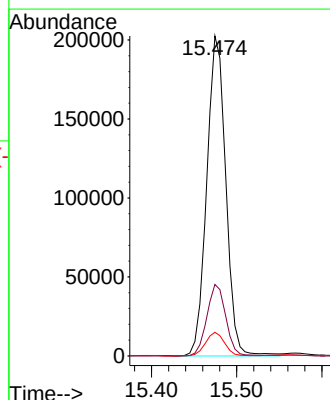
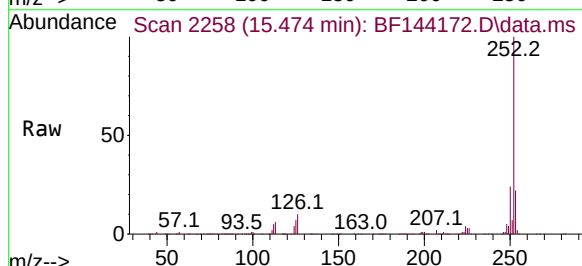
Tgt Ion:252 Resp: 314894

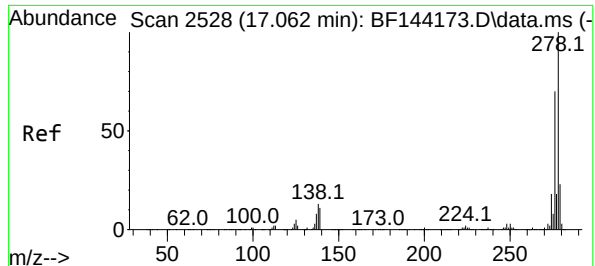
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 20.383 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

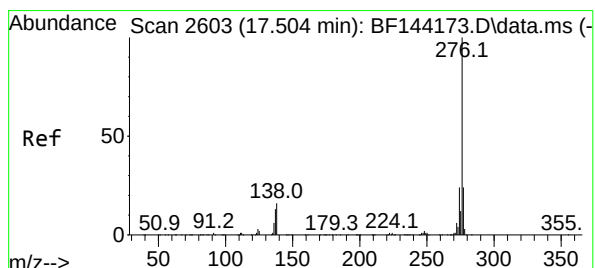
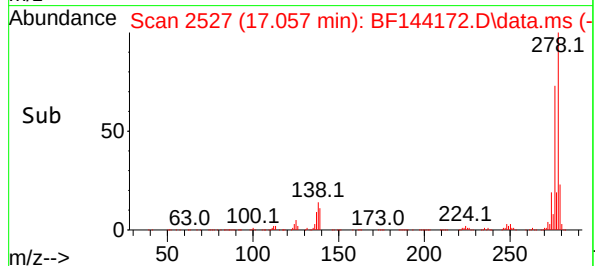
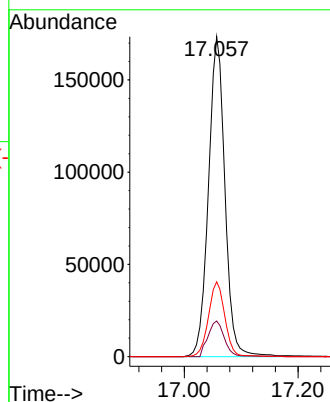
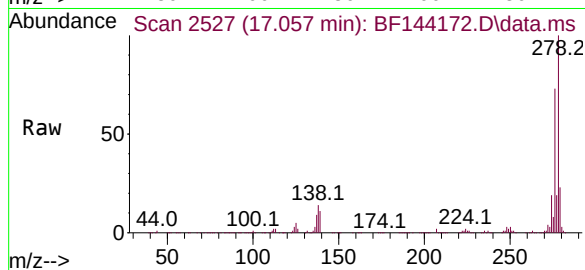
Tgt Ion:278 Resp: 349788

Ion Ratio Lower Upper

278 100

139 11.1 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 20.248 ng

RT: 17.498 min Scan# 2602

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

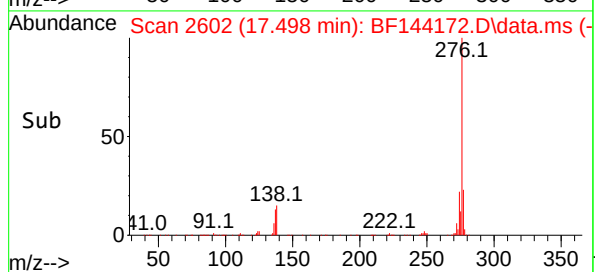
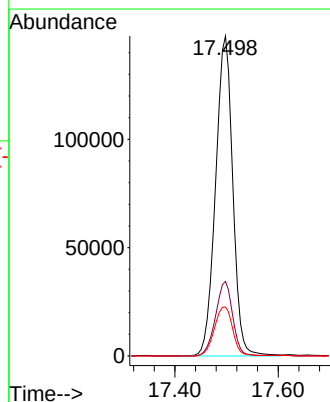
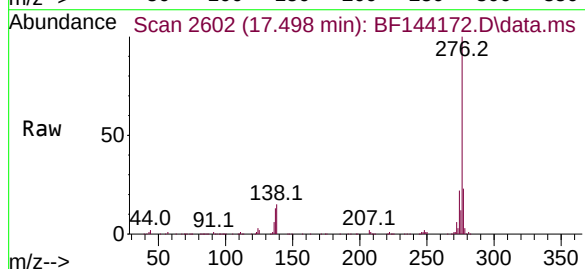
Tgt Ion:276 Resp: 343144

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 15.3 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69901	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262306	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148823	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	257329	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162650	20.000	ng	0.00
86) Perylene-d12	15.539	264	208923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367722	82.322	ng	0.00
7) Phenol-d6	6.504	99	408339	80.678	ng	0.00
23) Nitrobenzene-d5	7.440	82	377687	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157795	84.493	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	803464	79.737	ng	0.00
79) Terphenyl-d14	12.992	244	856515	83.645	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	77384	41.903	ng	100
3) Pyridine	3.375	79	212533	41.251	ng	100
4) n-Nitrosodimethylamine	3.322	42	108374	40.269	ng	100
6) Aniline	6.540	93	288906	40.064	ng	100
8) 2-Chlorophenol	6.657	128	179075	40.879	ng	100
9) Benzaldehyde	6.428	77	114062	39.909	ng	100
10) Phenol	6.516	94	259703	41.997	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	184041	40.844	ng	100
12) 1,3-Dichlorobenzene	6.816	146	215469	39.861	ng	100
13) 1,4-Dichlorobenzene	6.893	146	222488	41.084	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207631	40.001	ng	100
15) Benzyl Alcohol	7.016	79	162316	40.501	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	338078	40.743	ng	100
17) 2-Methylphenol	7.128	107	144386	41.431	ng	100
18) Hexachloroethane	7.387	117	74377	41.339	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	132769	39.848	ng	100
20) 3+4-Methylphenols	7.281	107	169917	41.361	ng	100
22) Acetophenone	7.287	105	227627	40.452	ng	100
24) Nitrobenzene	7.457	77	203520	41.272	ng	100
25) Isophorone	7.692	82	352919	41.082	ng	100
26) 2-Nitrophenol	7.775	139	103181	42.269	ng	100
27) 2,4-Dimethylphenol	7.810	122	156535	42.784	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	221900	41.364	ng	100
29) 2,4-Dichlorophenol	8.016	162	173779	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	176777	40.825	ng	100
31) Naphthalene	8.181	128	508521	40.755	ng	100
32) Benzoic acid	7.916	122	94209	35.128	ng	100
33) 4-Chloroaniline	8.228	127	190054	41.763	ng	100
34) Hexachlorobutadiene	8.292	225	135990	41.671	ng	100
35) Caprolactam	8.598	113	48459	41.945	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	155844	41.237	ng	100
37) 2-Methylnaphthalene	8.869	142	339639	40.712	ng	100
38) 1-Methylnaphthalene	8.969	142	325483	40.435	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	200998	41.210	ng	100
41) Hexachlorocyclopentadiene	9.022	237	59520	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	135691	40.875	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

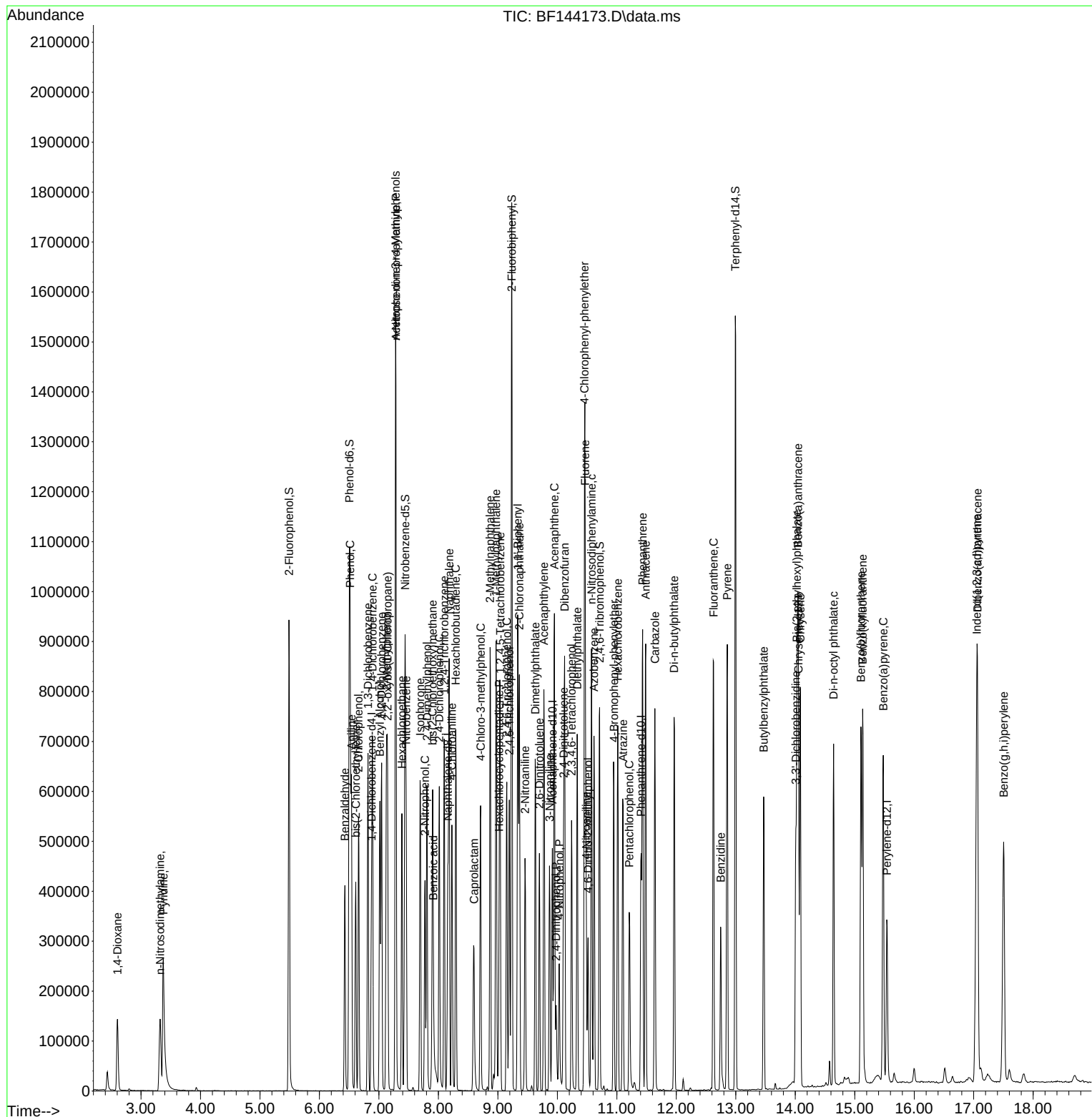
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46) 1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47) 2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48) 2-Nitroaniline	9.457	65	107536	42.059	ng	100
49) Acenaphthylene	9.775	152	489708	40.553	ng	100
50) Dimethylphthalate	9.628	163	400479	40.620	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82166	41.169	ng	100
52) Acenaphthene	9.951	154	326285	40.406	ng	100
53) 3-Nitroaniline	9.869	138	93636	42.918	ng	100
54) 2,4-Dinitrophenol	9.981	184	41716	34.614	ng	100
55) Dibenzofuran	10.122	168	461538	40.810	ng	100
56) 4-Nitrophenol	10.034	139	60643	38.426	ng	100
57) 2,4-Dinitrotoluene	10.104	165	114508	42.858	ng	100
58) Fluorene	10.469	166	351182	40.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	106411	42.037	ng	100
60) Diethylphthalate	10.334	149	373187	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	203750	41.598	ng	100
62) 4-Nitroaniline	10.486	138	85679	41.237	ng	100
63) Azobenzene	10.616	77	346367	40.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	67029	38.343	ng	100
66) n-Nitrosodiphenylamine	10.575	169	332623	40.189	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135319	41.198	ng	100
68) Hexachlorobenzene	11.016	284	154532	39.943	ng	100
69) Atrazine	11.104	200	105912	40.239	ng	100
70) Pentachlorophenol	11.210	266	80306	41.685	ng	100
71) Phenanthrene	11.433	178	519052	40.513	ng	100
72) Anthracene	11.486	178	525954	40.372	ng	100
73) Carbazole	11.639	167	451935	40.796	ng	100
74) Di-n-butylphthalate	11.963	149	550628	41.117	ng	100
75) Fluoranthene	12.627	202	542525	40.992	ng	100
77) Benzidine	12.745	184	202921	42.178	ng	100
78) Pyrene	12.857	202	554374	42.272	ng	100
80) Butylbenzylphthalate	13.469	149	191850	42.209	ng	100
81) Benzo(a)anthracene	14.045	228	465201	41.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	156957	40.620	ng	100
83) Chrysene	14.086	228	456347	43.853	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	265384	42.651	ng	100
85) Di-n-octyl phthalate	14.645	149	458823	42.739	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	620668	41.385	ng	100
88) Benzo(b)fluoranthene	15.104	252	515192	43.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	435087	39.135	ng	100
90) Benzo(a)pyrene	15.480	252	449869	41.055	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	500778	41.578	ng	100
92) Benzo(g,h,i)perylene	17.504	276	497680	41.843	ng	100

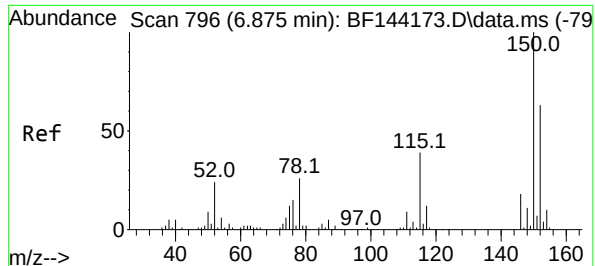
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Data File : BF144173.D  
Acq On    : 05 Nov 2025  14:50  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

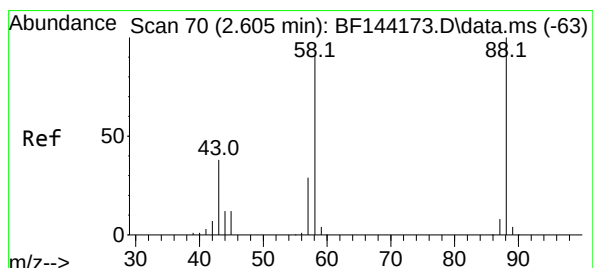
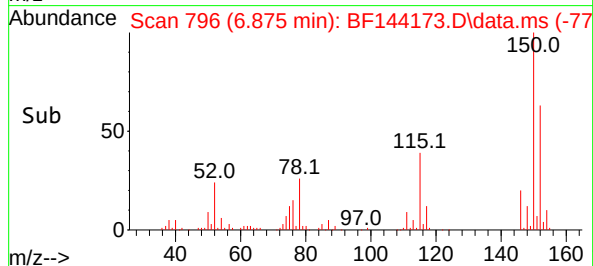
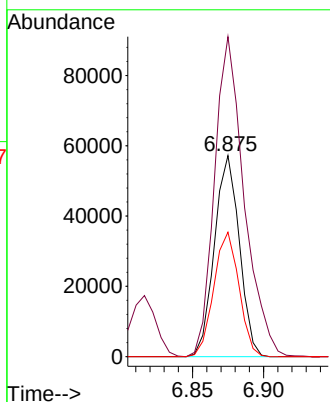
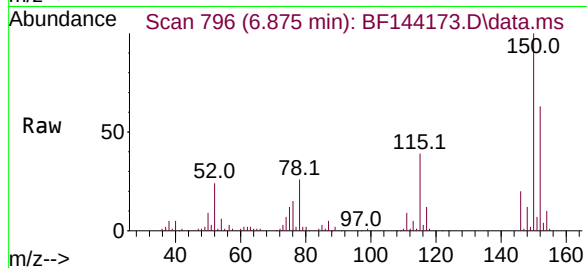




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

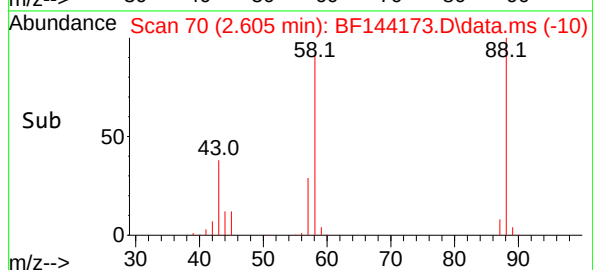
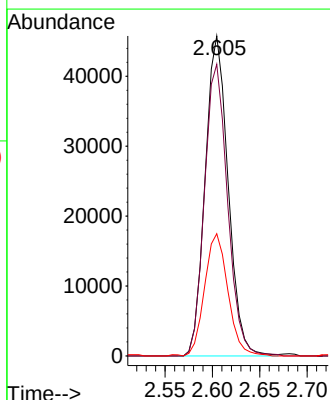
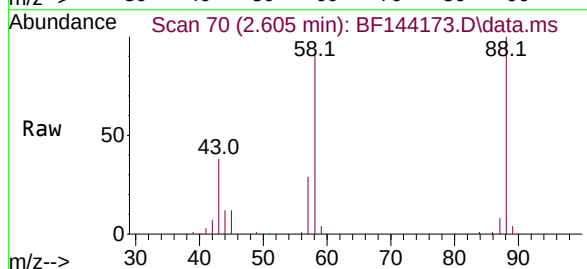
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

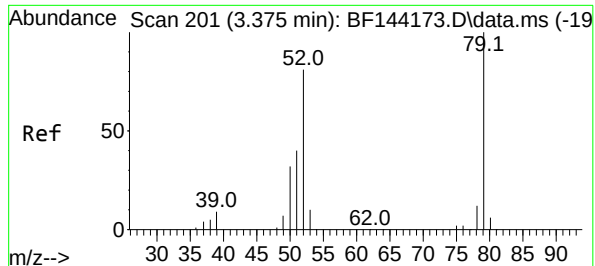
Tgt Ion:152 Resp: 69901
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 61.9 49.5 74.3



#2
1,4-Dioxane
Concen: 41.903 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 88 Resp: 77384
Ion Ratio Lower Upper
88 100
58 91.4 73.1 109.7
43 38.8 31.0 46.6

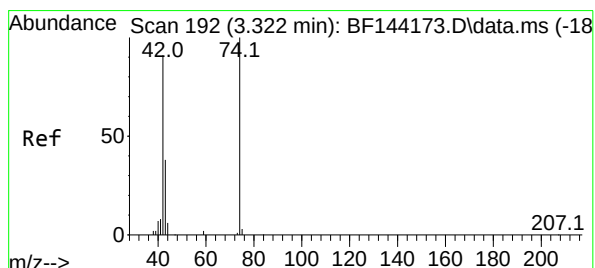
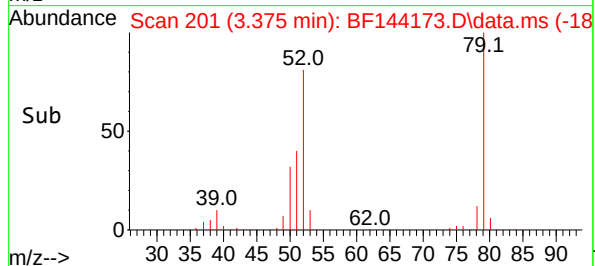
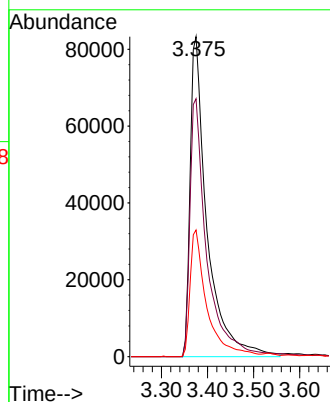
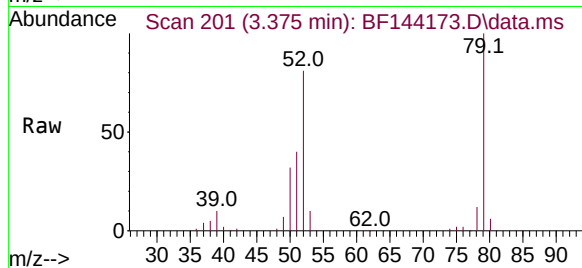




#3
Pyridine
Concen: 41.251 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

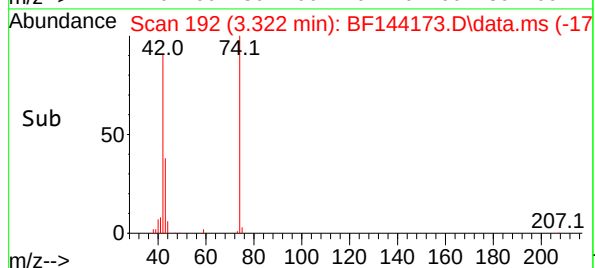
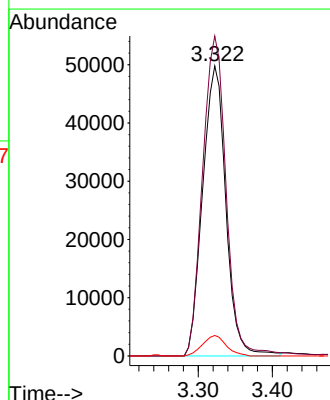
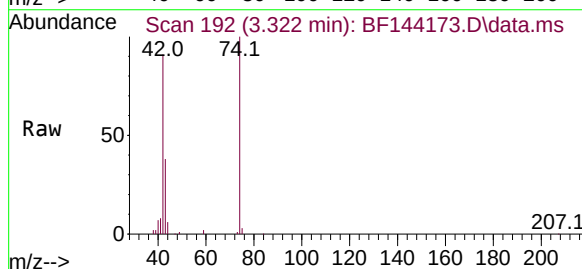
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

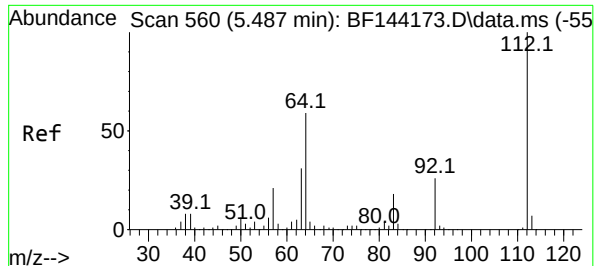
Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.6	64.5	96.7
51	39.6	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 40.269 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.2	132.4
44	7.1	5.7	8.5

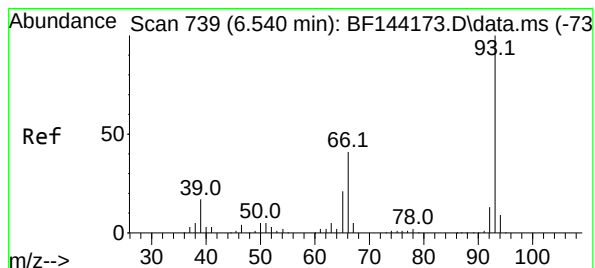
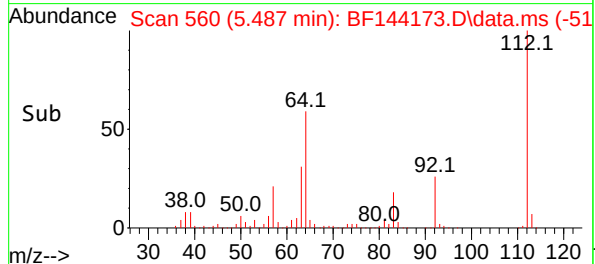
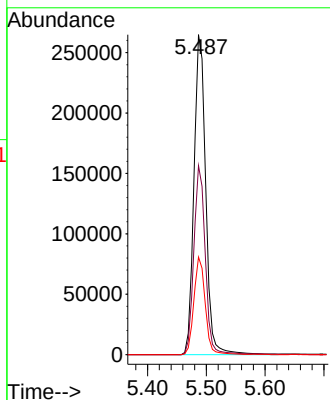
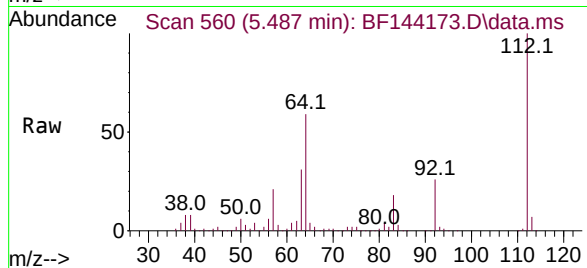




#5
2-Fluorophenol
Concen: 82.322 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

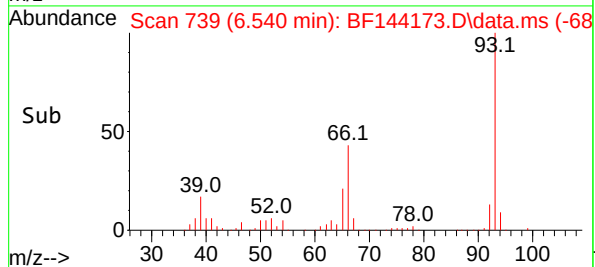
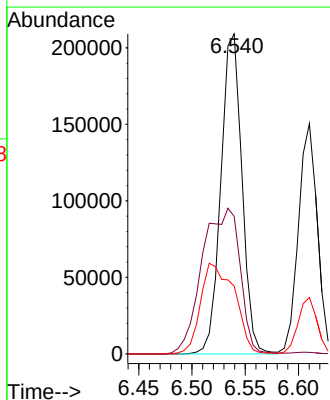
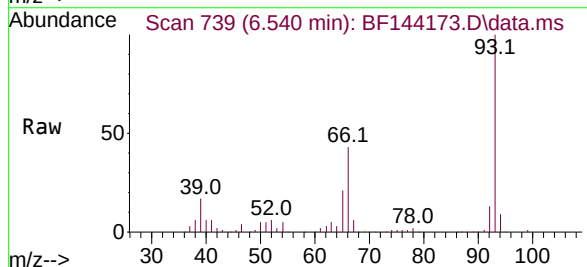
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

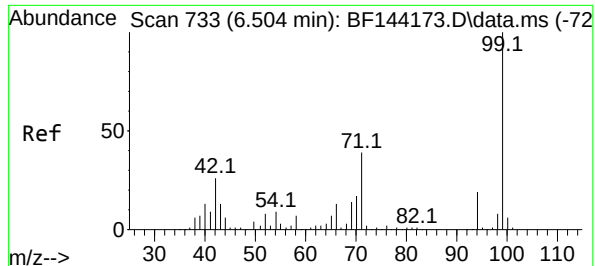
Tgt Ion:112 Resp: 367722
Ion Ratio Lower Upper
112 100
64 59.0 47.2 70.8
63 30.5 24.4 36.6



#6
Aniline
Concen: 40.064 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 288906
Ion Ratio Lower Upper
93 100
66 42.9 34.3 51.5
65 21.1 16.9 25.3

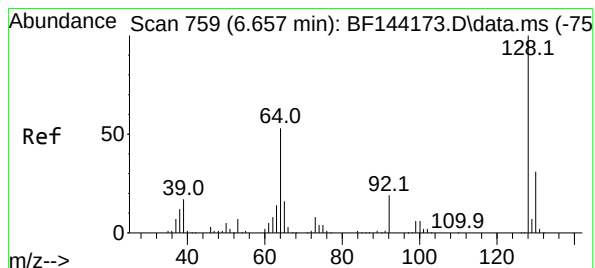
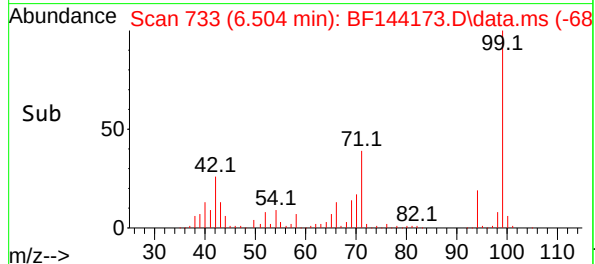
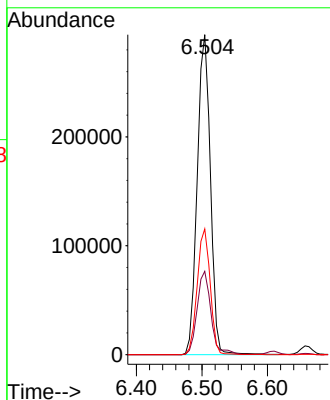
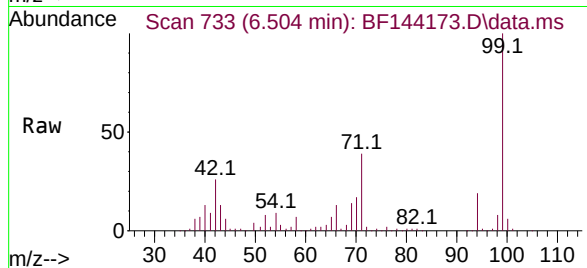




#7
Phenol-d6
Concen: 80.678 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

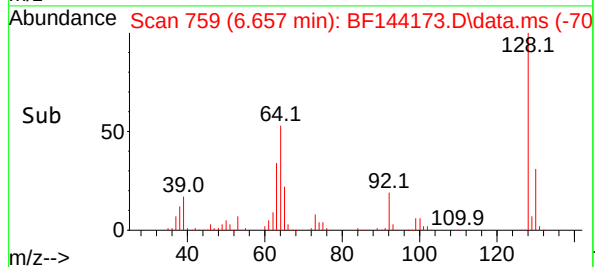
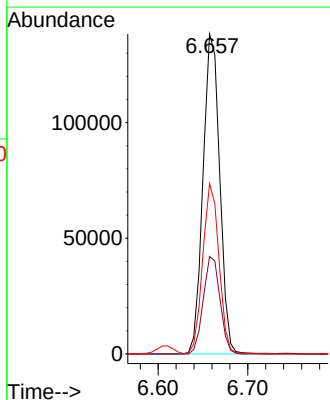
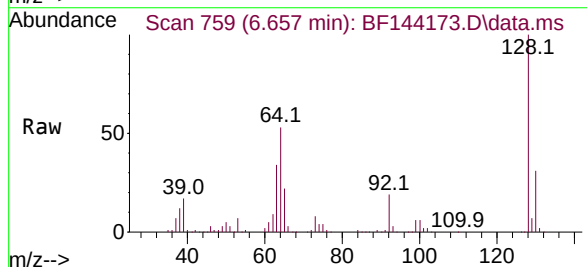
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

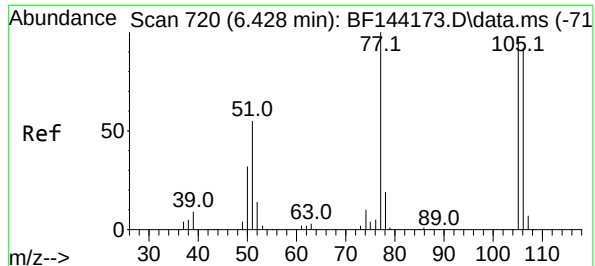
Tgt Ion: 99 Resp: 408339
Ion Ratio Lower Upper
99 100
42 26.1 20.9 31.3
71 39.3 31.4 47.2



#8
2-Chlorophenol
Concen: 40.879 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 128 Resp: 179075
Ion Ratio Lower Upper
128 100
130 30.5 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 39.909 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

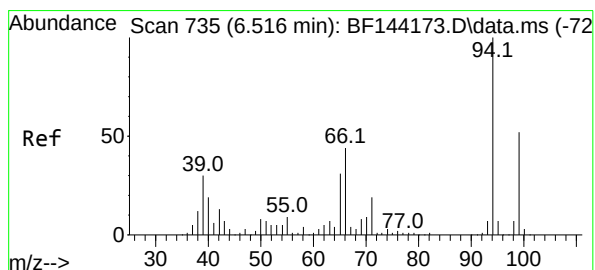
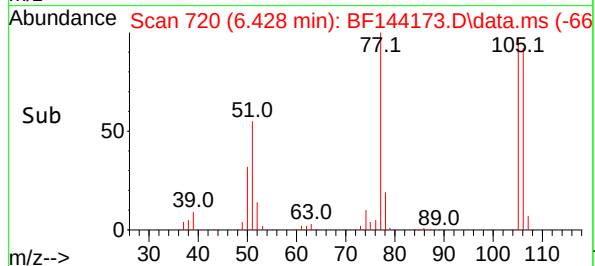
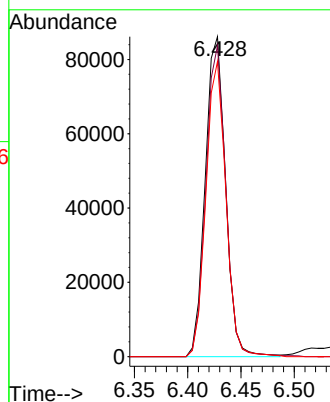
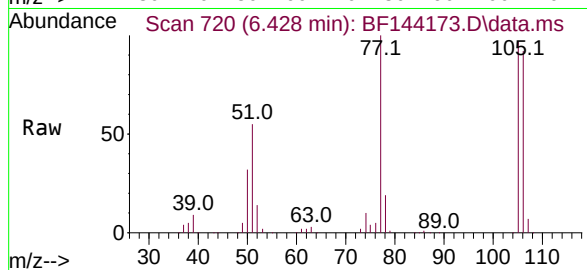
Tgt Ion: 77 Resp: 114062

Ion Ratio Lower Upper

77 100

105 97.2 77.2 117.2

106 92.2 72.2 112.2



#10

Phenol

Concen: 41.997 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

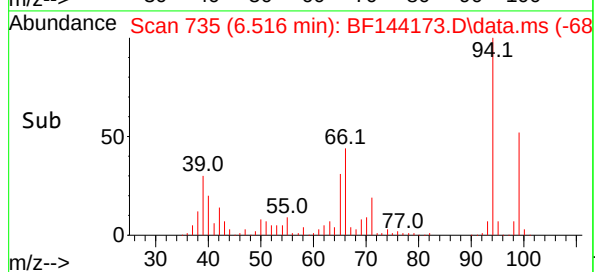
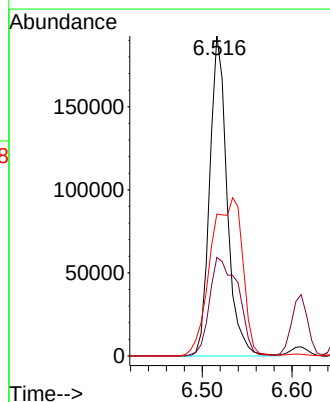
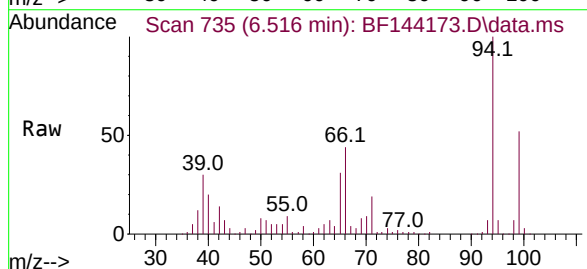
Tgt Ion: 94 Resp: 259703

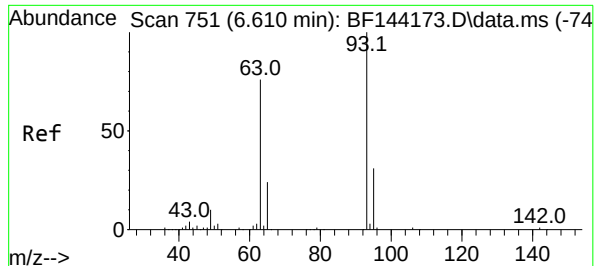
Ion Ratio Lower Upper

94 100

65 30.8 10.8 50.8

66 44.3 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 40.844 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

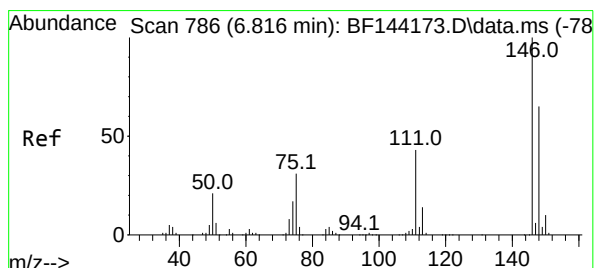
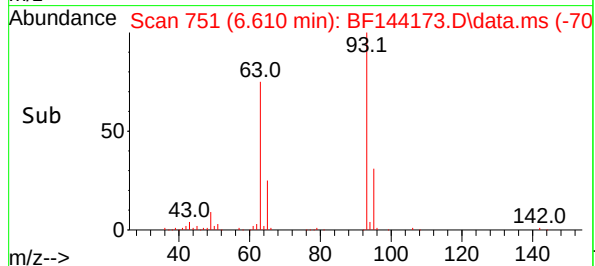
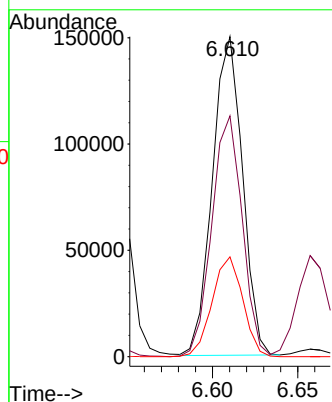
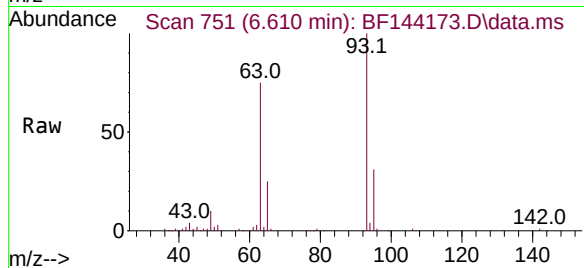
Tgt Ion: 93 Resp: 184041

Ion Ratio Lower Upper

93 100

63 75.2 55.2 95.2

95 31.2 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.861 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

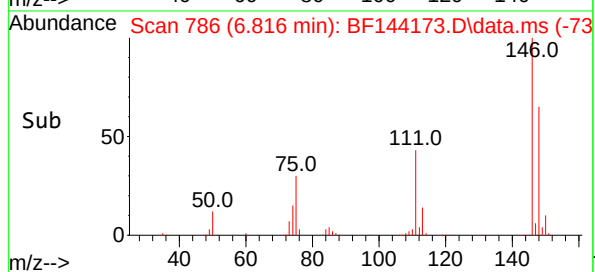
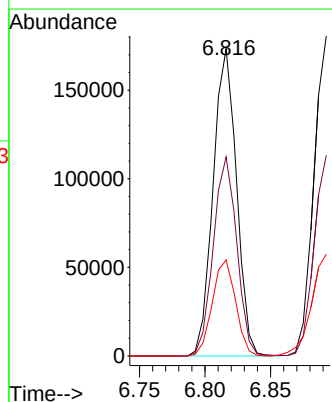
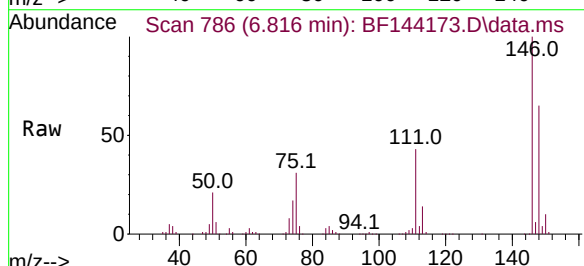
Tgt Ion: 146 Resp: 215469

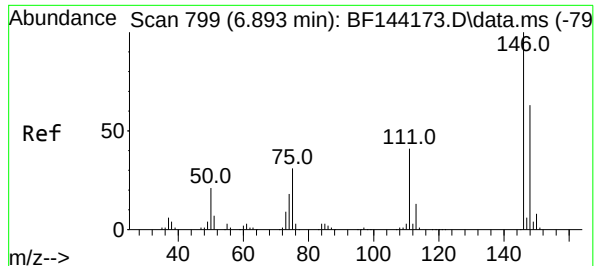
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 31.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.084 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

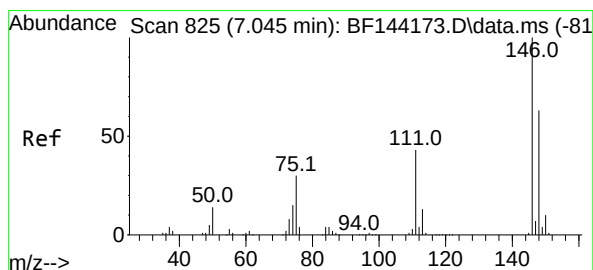
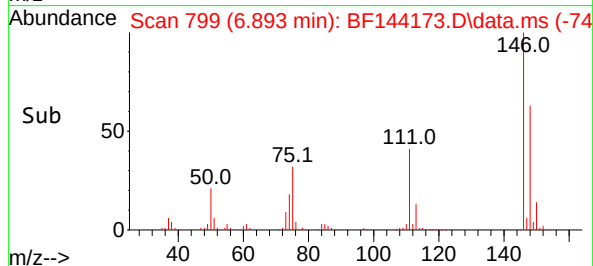
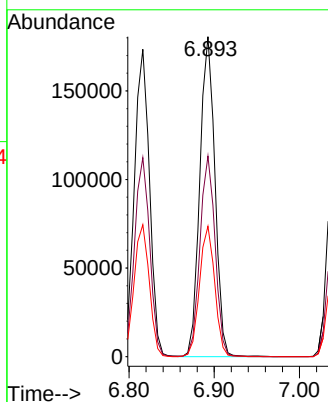
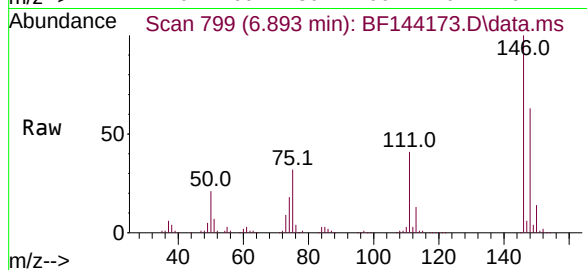
Tgt Ion:146 Resp: 222488

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.001 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

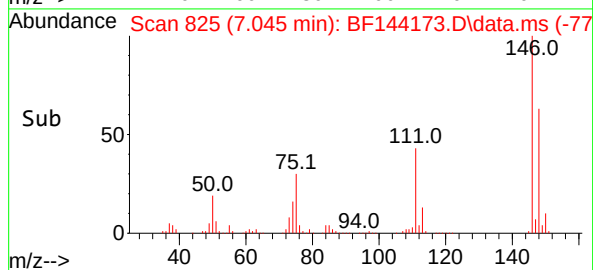
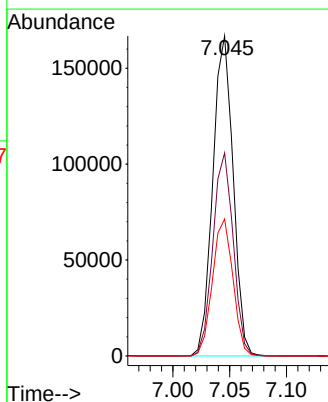
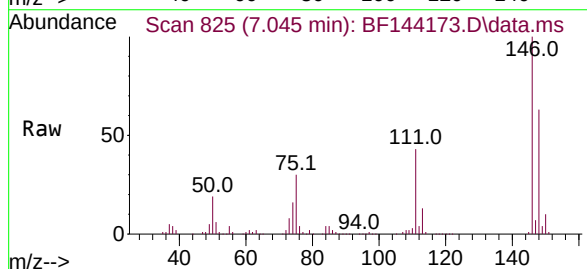
Tgt Ion:146 Resp: 207631

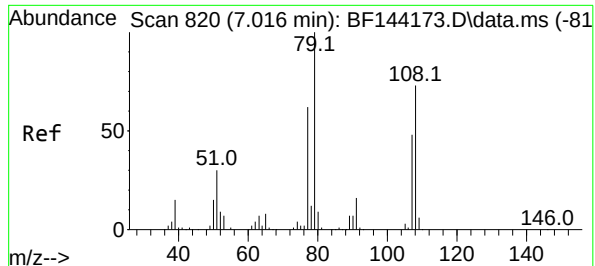
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 42.8 34.2 51.4

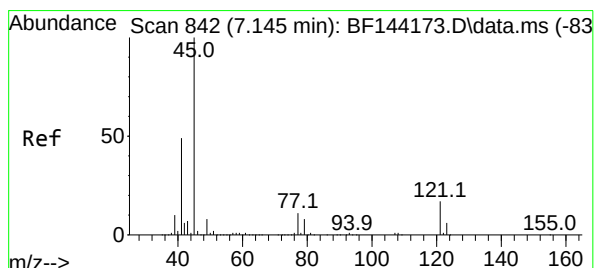
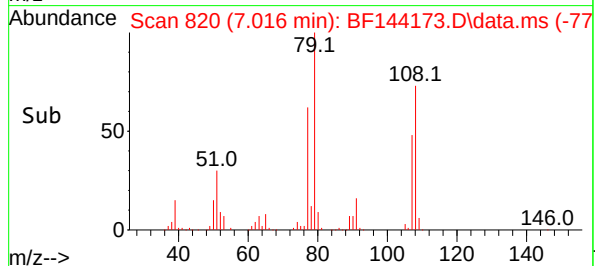
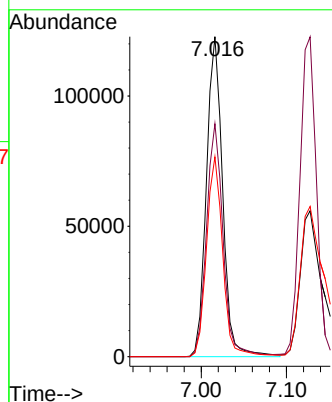
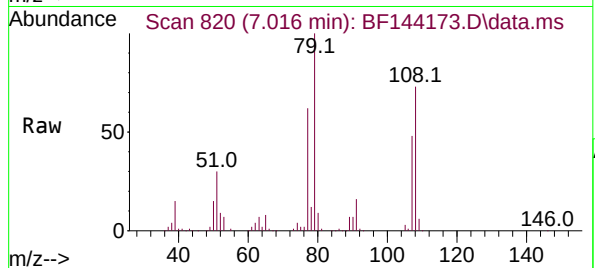




#15
Benzyl Alcohol
Concen: 40.501 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

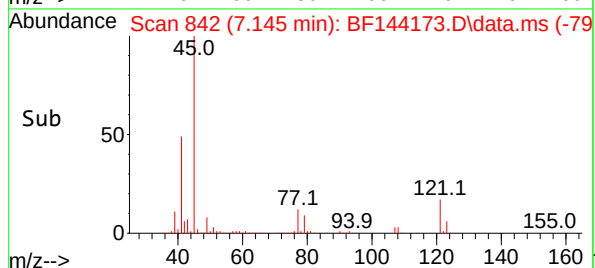
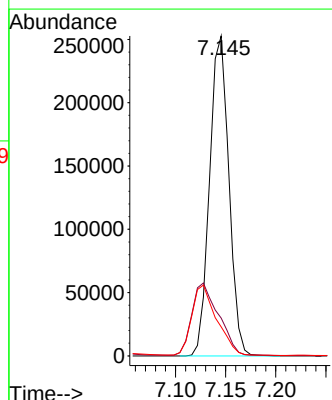
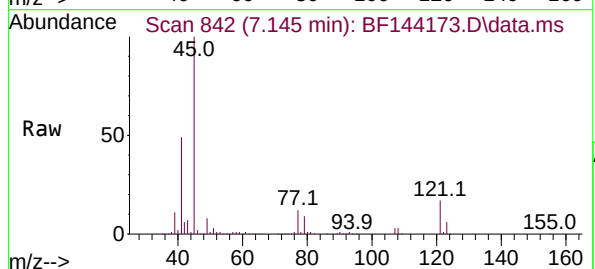
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

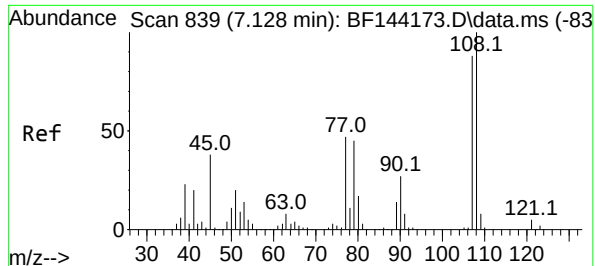
Tgt Ion: 79 Resp: 162316
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.743 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 45 Resp: 338078
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 9.1 0.0 29.1

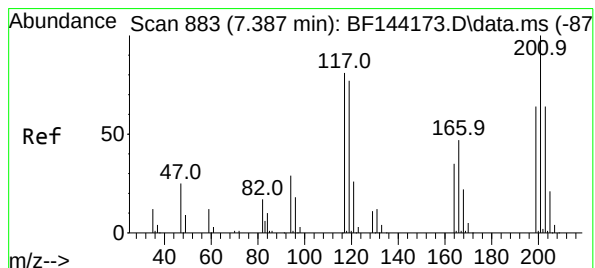
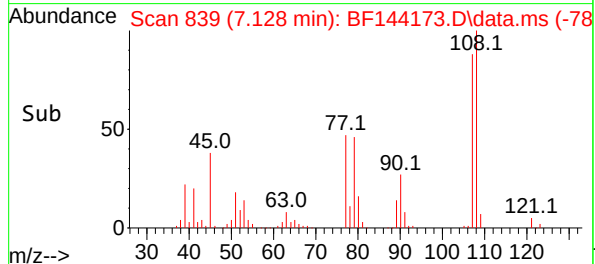
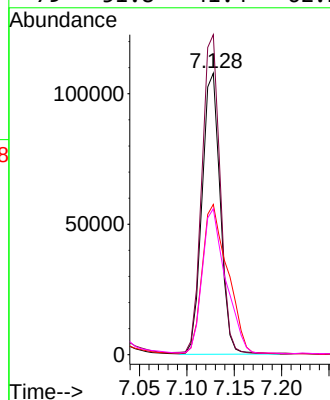
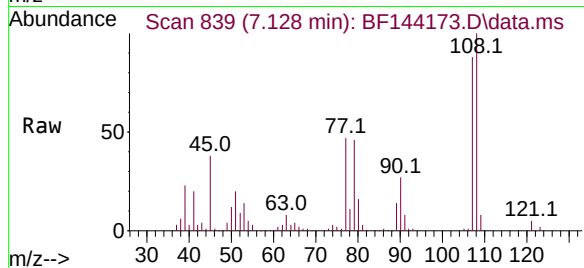




#17
2-Methylphenol
Concen: 41.431 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

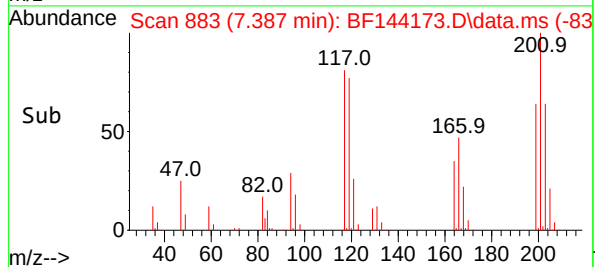
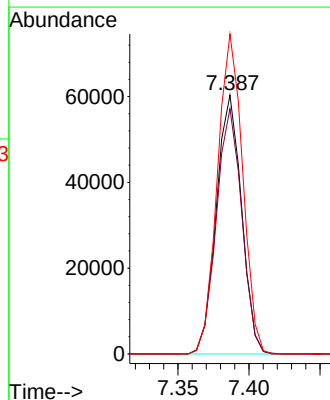
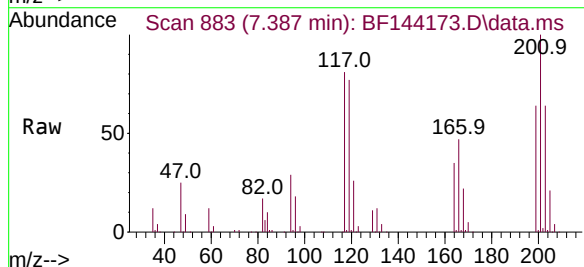
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

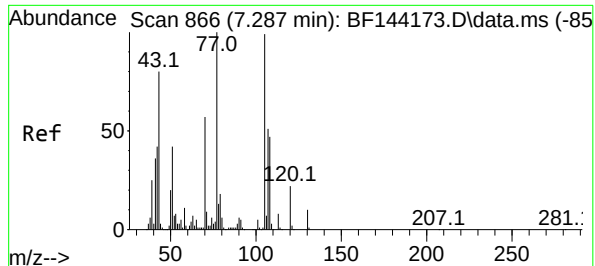
Tgt Ion:	107	Resp:	144386
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	53.4	42.7	64.1
79	51.8	41.4	62.2



#18
Hexachloroethane
Concen: 41.339 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:	117	Resp:	74377
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	123.6	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 39.848 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 132769

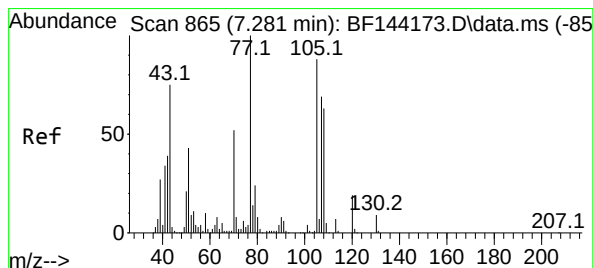
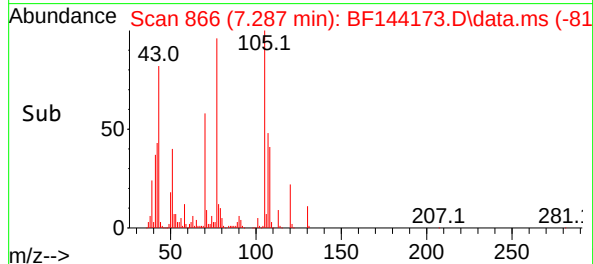
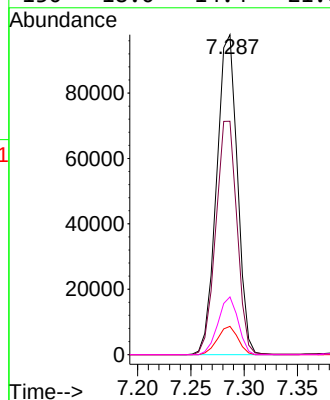
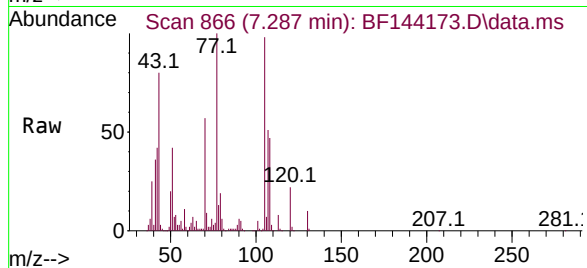
Ion Ratio Lower Upper

70 100

42 72.9 58.3 87.5

101 8.8 7.0 10.6

130 18.0 14.4 21.6



#20

3+4-Methylphenols

Concen: 41.361 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion: 107 Resp: 169917

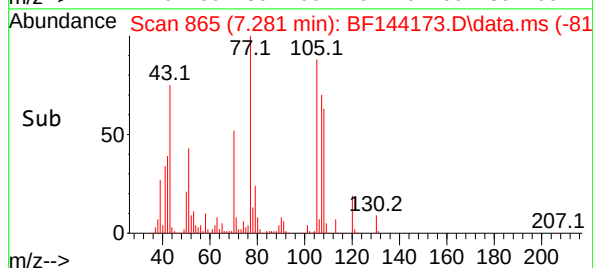
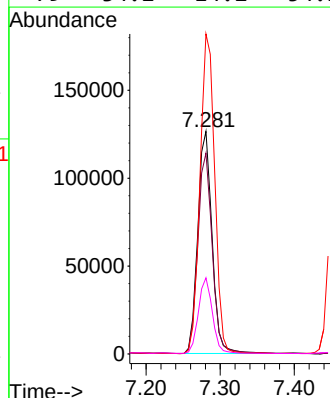
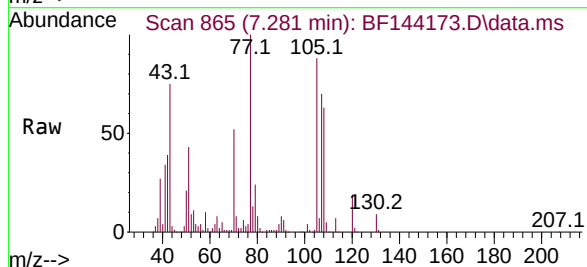
Ion Ratio Lower Upper

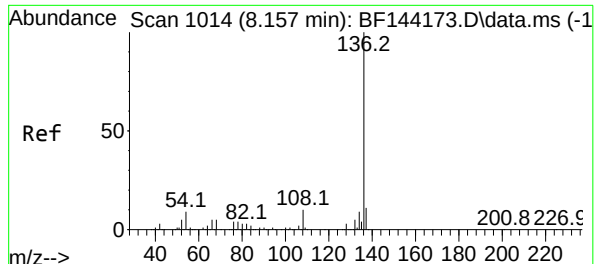
107 100

108 90.2 70.2 110.2

77 143.9 123.9 163.9

79 34.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 262306

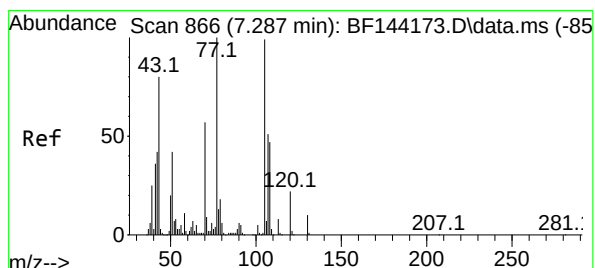
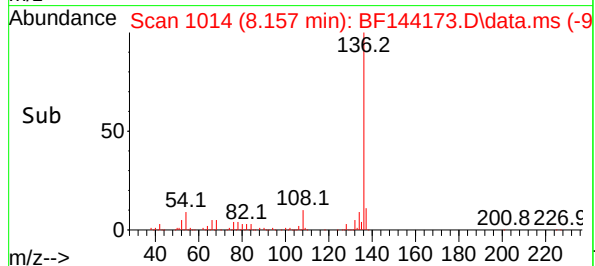
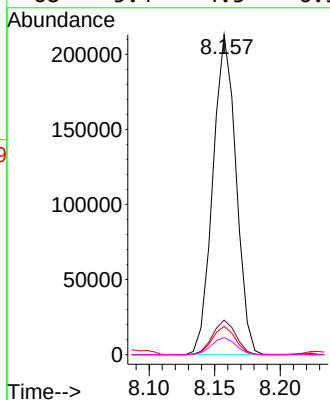
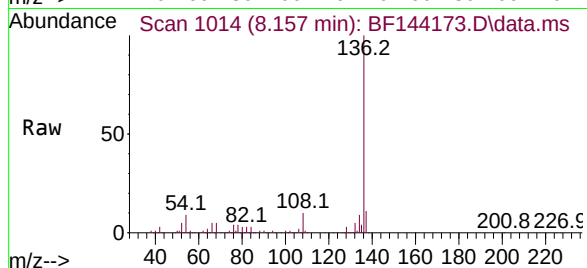
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.8 7.0 10.6

68 5.4 4.3 6.5



#22

Acetophenone

Concen: 40.452 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:105 Resp: 227627

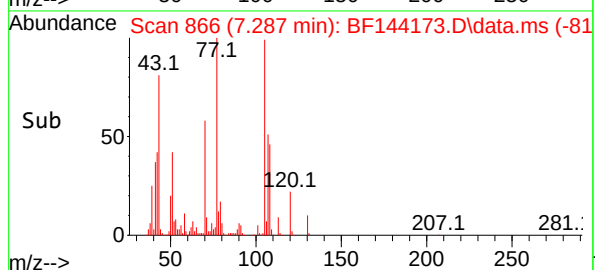
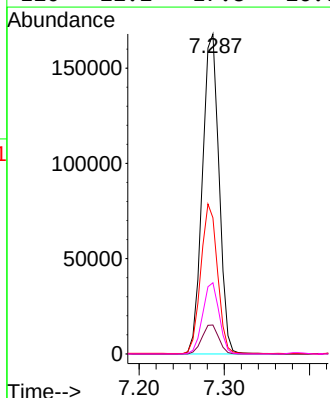
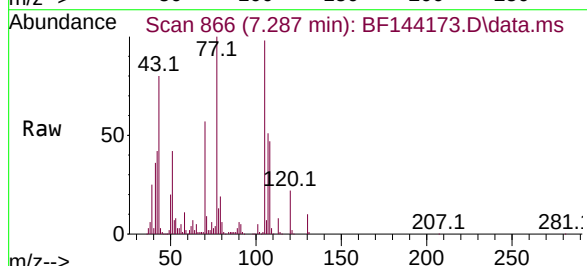
Ion Ratio Lower Upper

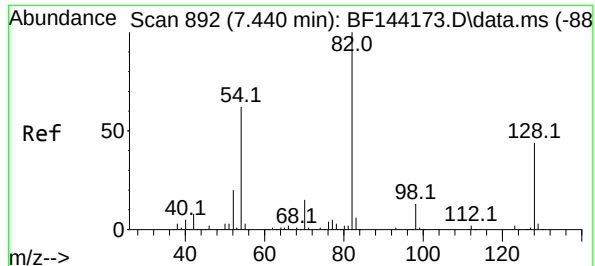
105 100

71 9.0 7.2 10.8

51 42.5 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.160 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

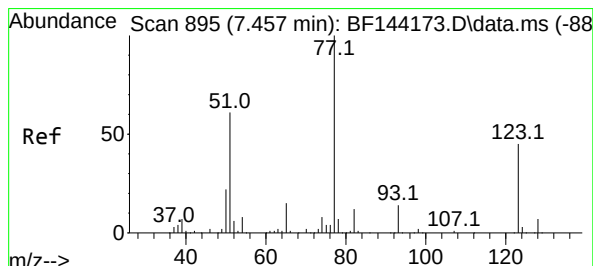
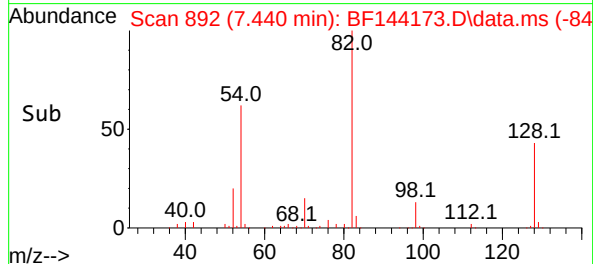
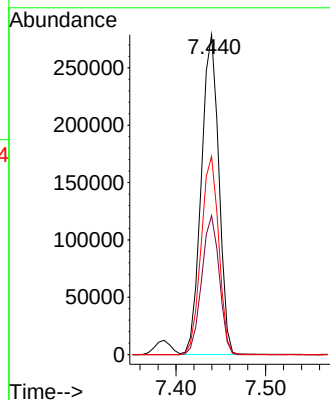
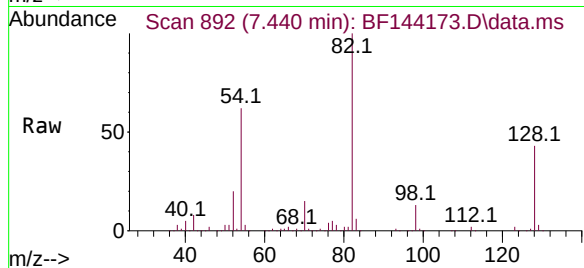
Tgt Ion: 82 Resp: 377687

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 61.9 49.5 74.3



#24

Nitrobenzene

Concen: 41.272 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

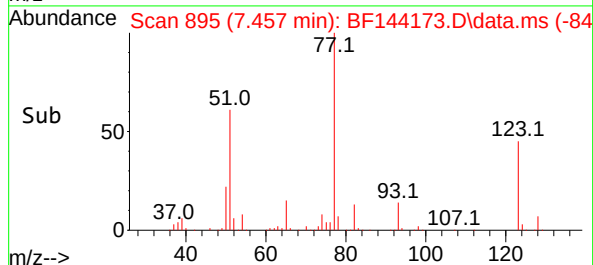
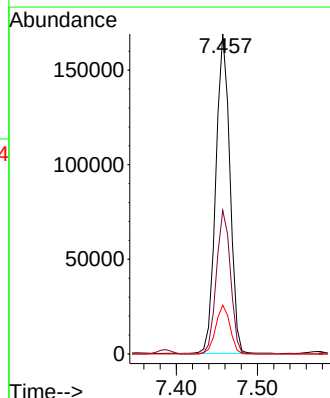
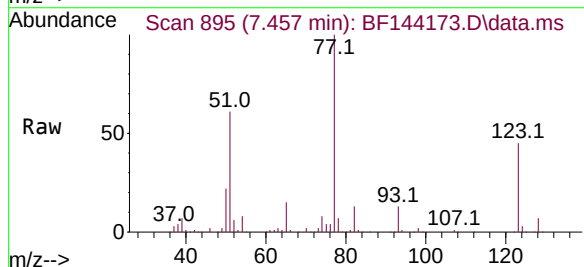
Tgt Ion: 77 Resp: 203520

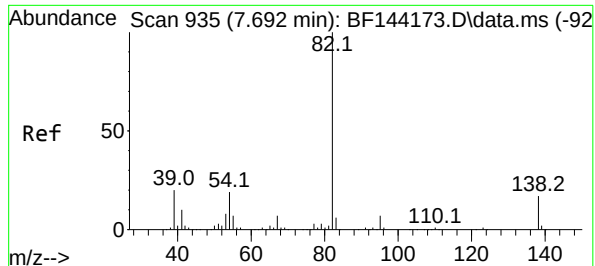
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

65 15.2 12.2 18.2





#25

Isophorone

Concen: 41.082 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

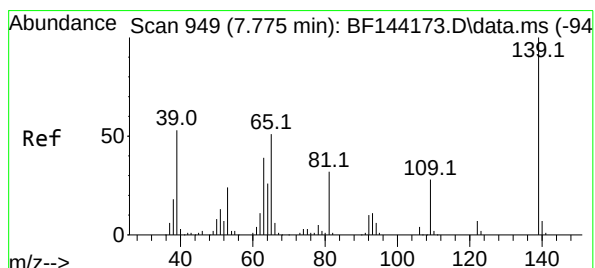
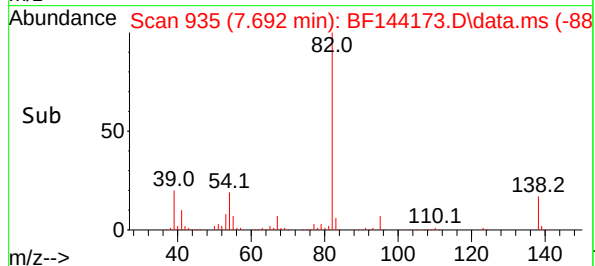
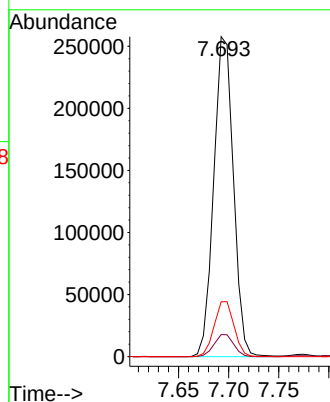
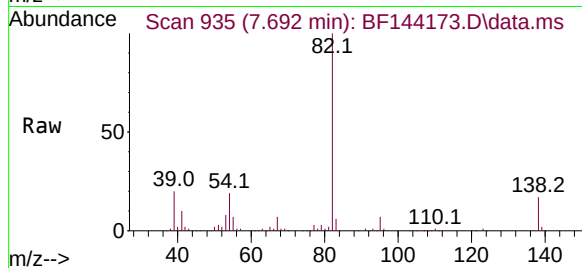
Tgt Ion: 82 Resp: 352919

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.1 13.7 20.5



#26

2-Nitrophenol

Concen: 42.269 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

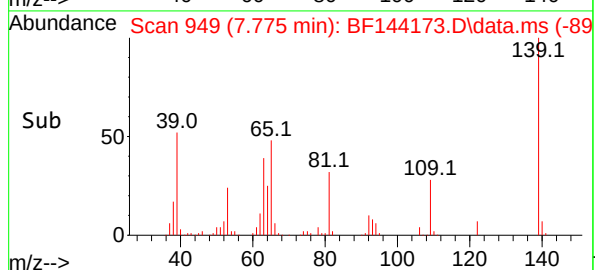
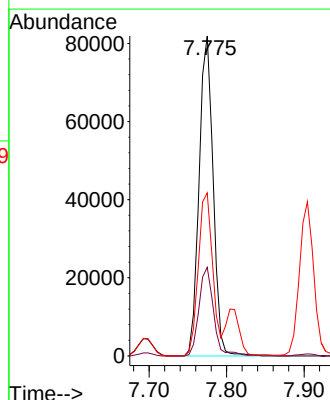
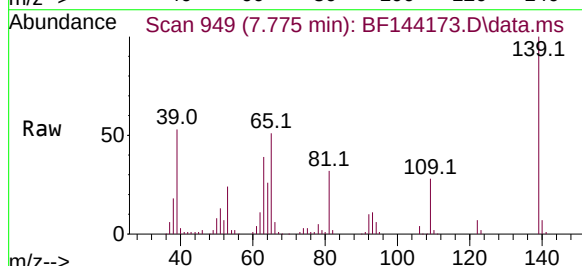
Tgt Ion:139 Resp: 103181

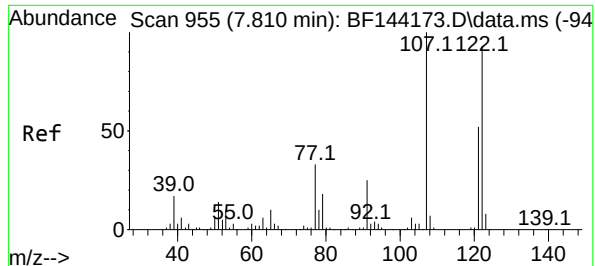
Ion Ratio Lower Upper

139 100

109 27.7 22.2 33.2

65 50.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 42.784 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

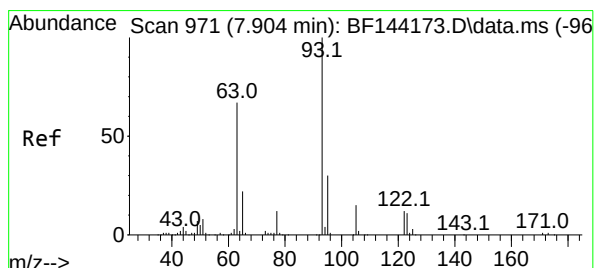
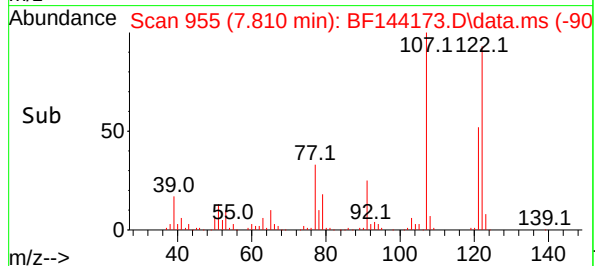
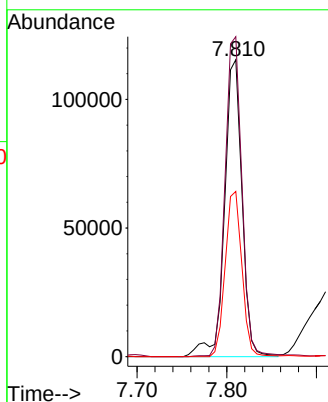
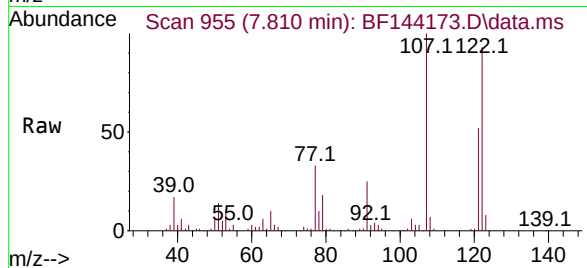
Tgt Ion:122 Resp: 156535

Ion Ratio Lower Upper

122 100

107 107.8 86.2 129.4

121 55.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.364 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

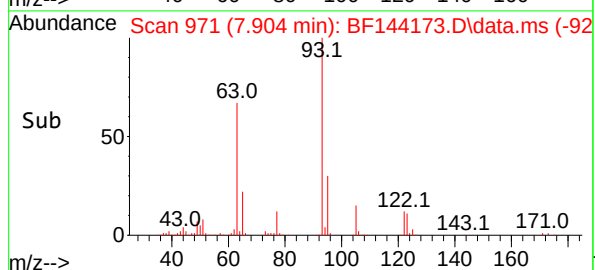
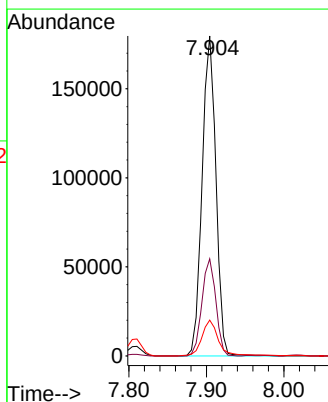
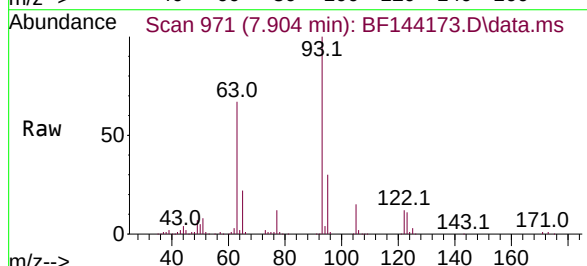
Tgt Ion: 93 Resp: 221900

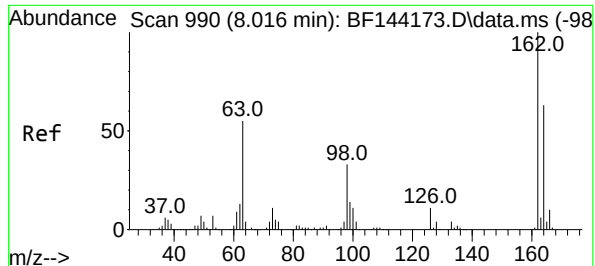
Ion Ratio Lower Upper

93 100

95 30.3 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.210 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

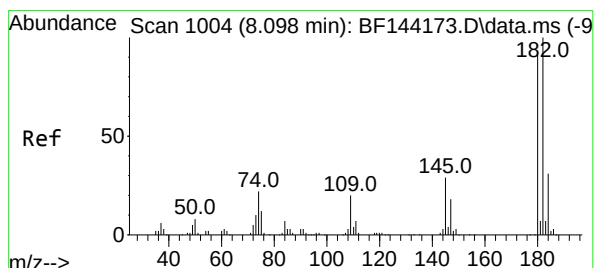
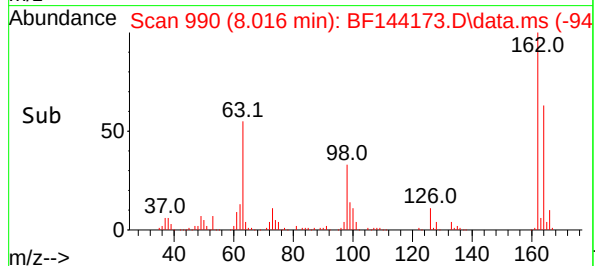
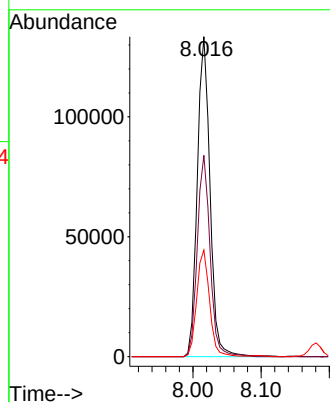
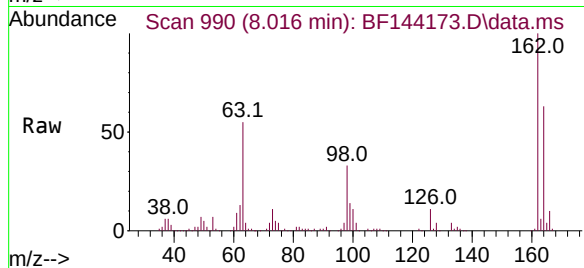
Tgt Ion:162 Resp: 173779

Ion Ratio Lower Upper

162 100

164 62.9 42.9 82.9

98 33.3 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.825 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

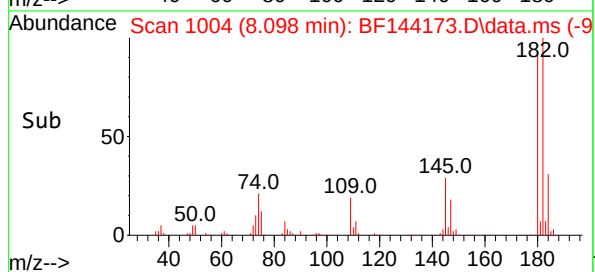
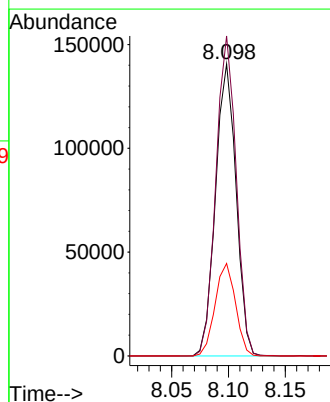
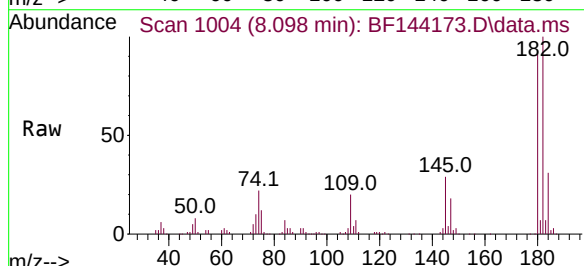
Tgt Ion:180 Resp: 176777

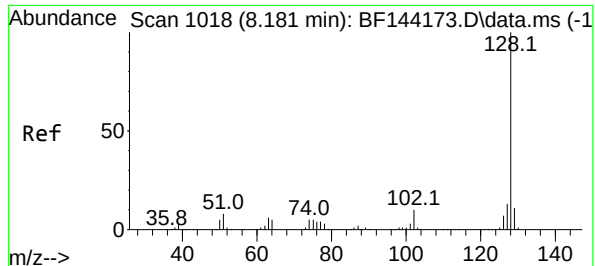
Ion Ratio Lower Upper

180 100

182 109.6 87.7 131.5

145 31.7 25.4 38.0

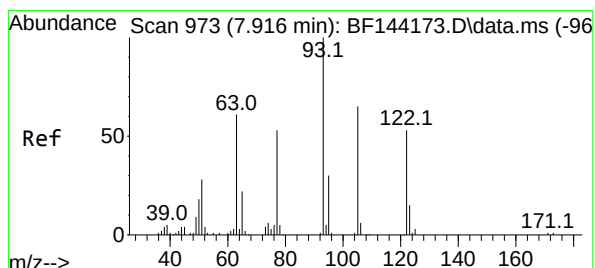
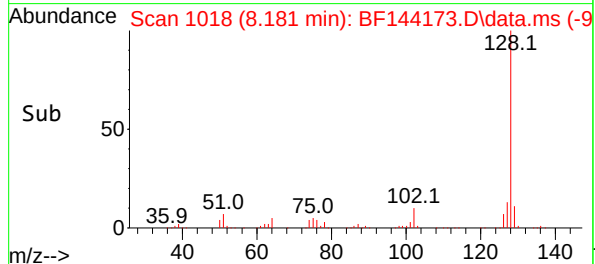
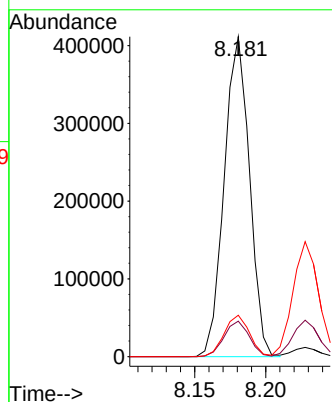
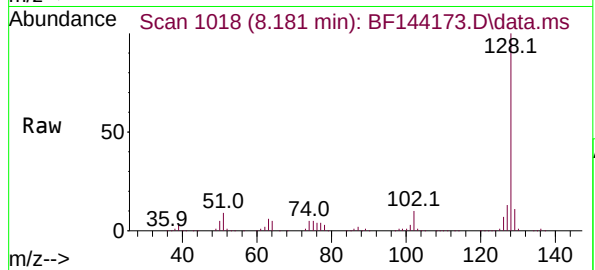




#31
Naphthalene
Concen: 40.755 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

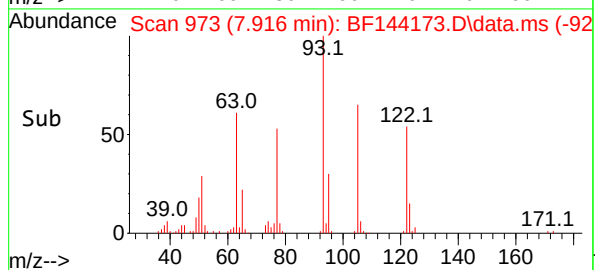
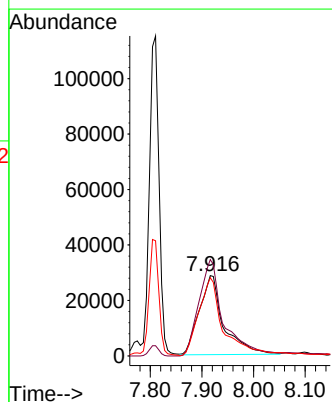
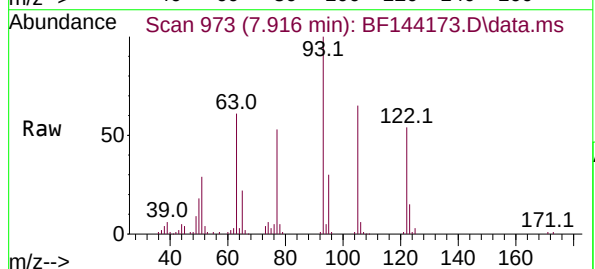
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

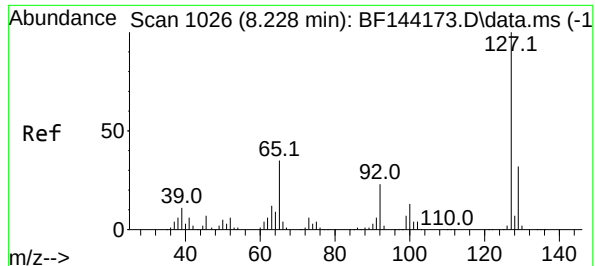
Tgt Ion:128 Resp: 508521
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 35.128 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:122 Resp: 94209
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 97.5 77.5 117.5





#33

4-Chloroaniline

Concen: 41.763 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 190054

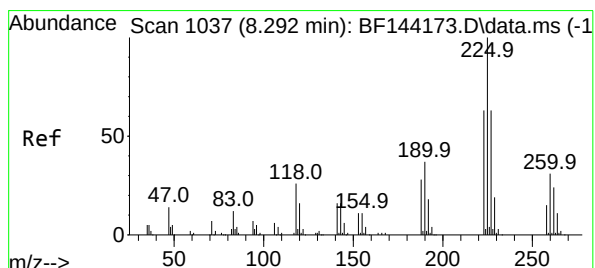
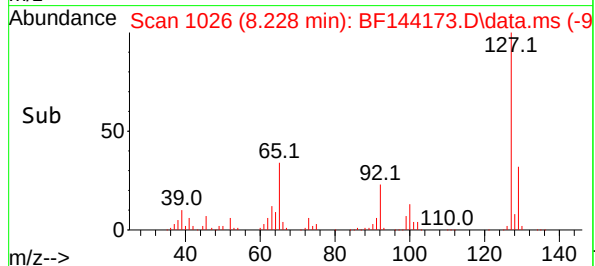
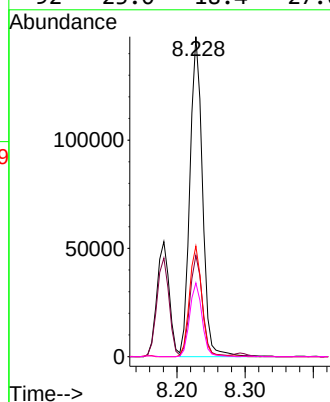
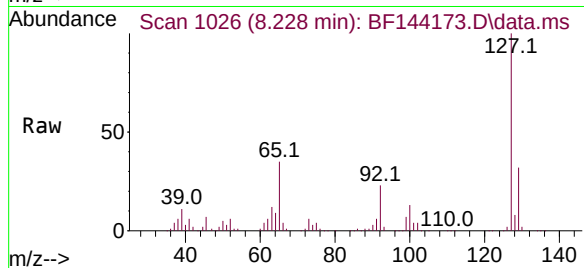
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 34.5 27.6 41.4

92 23.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 41.671 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

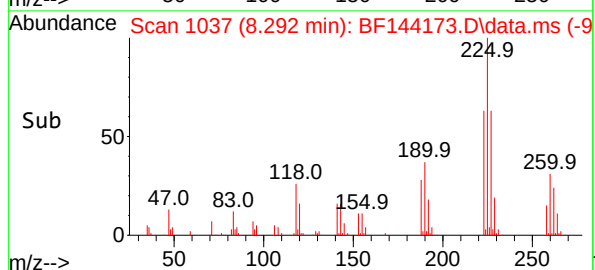
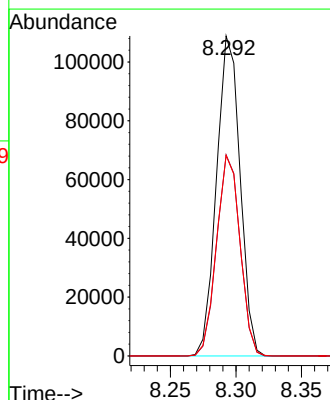
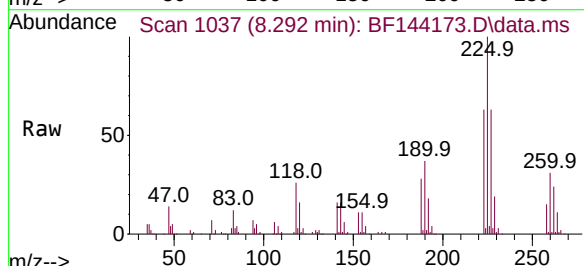
Tgt Ion:225 Resp: 135990

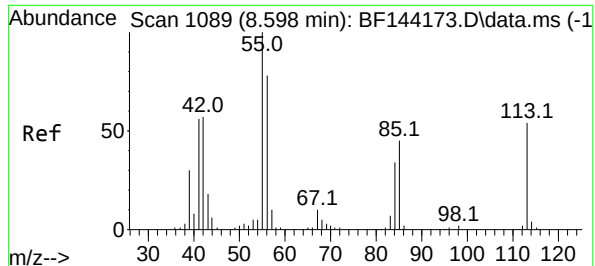
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

227 62.6 50.1 75.1

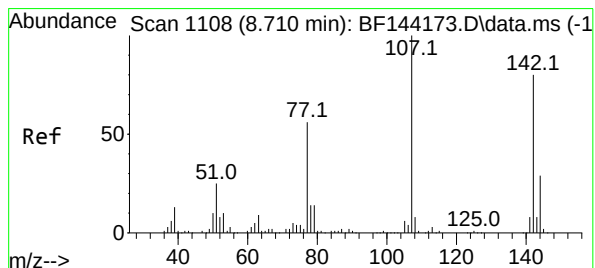
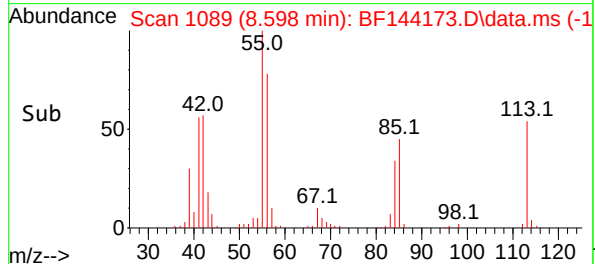
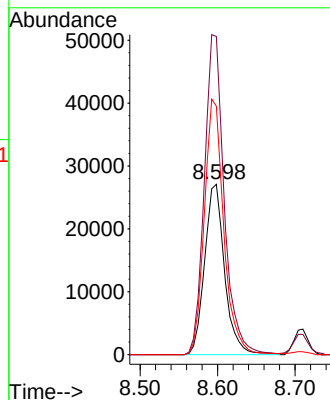
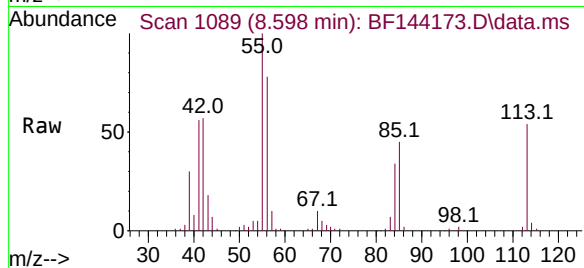




#35
Caprolactam
Concen: 41.945 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

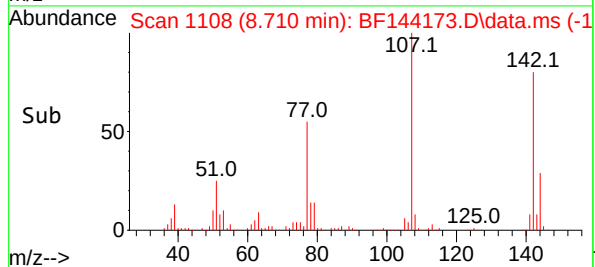
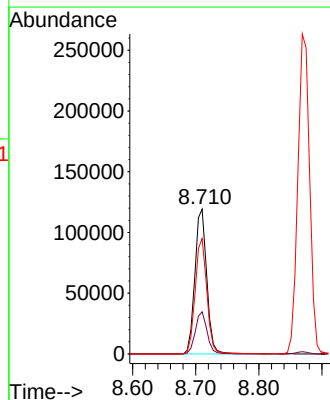
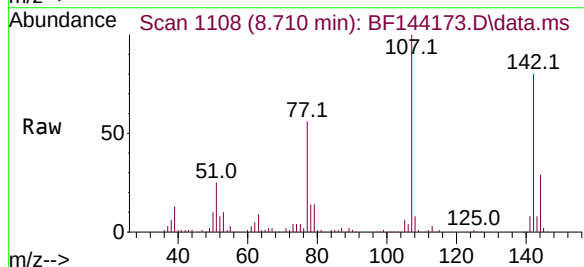
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

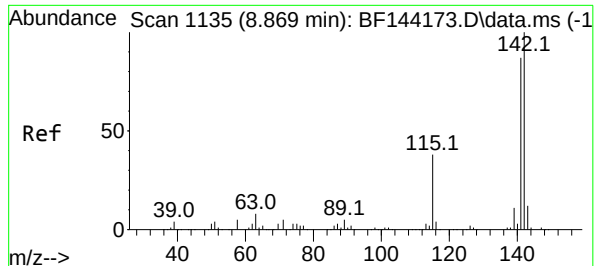
Tgt Ion	Ratio	Lower	Upper
113	100		
55	186.8	166.8	206.8
56	145.9	125.9	165.9



#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.3	34.9
142	79.7	63.8	95.6





#37

2-Methylnaphthalene

Concen: 40.712 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

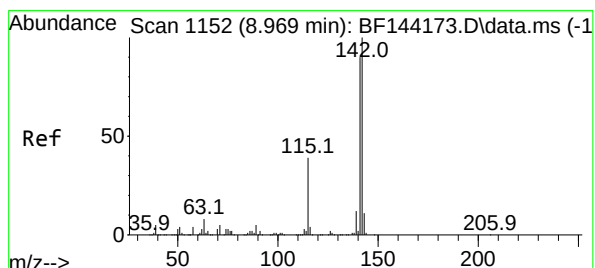
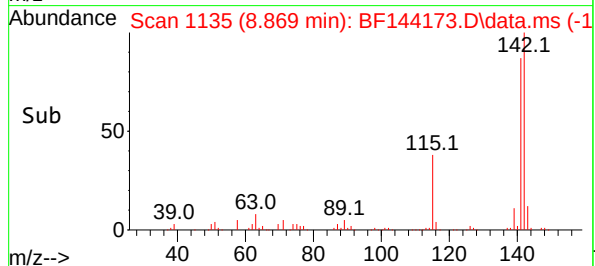
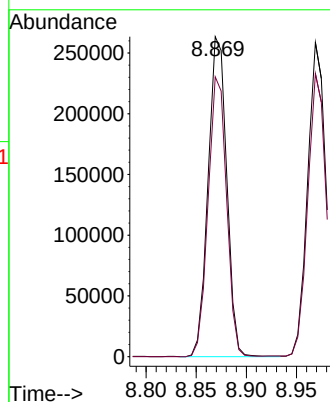
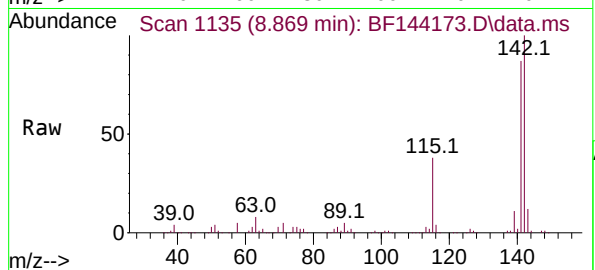
SSTDICCC040

Tgt Ion:142 Resp: 339639

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.435 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144173.D

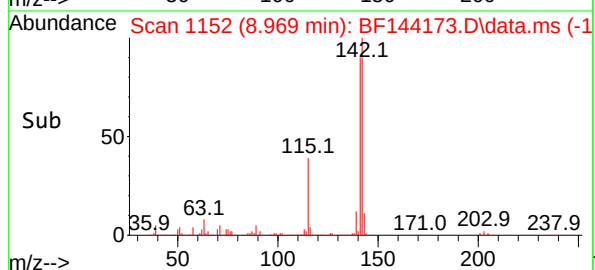
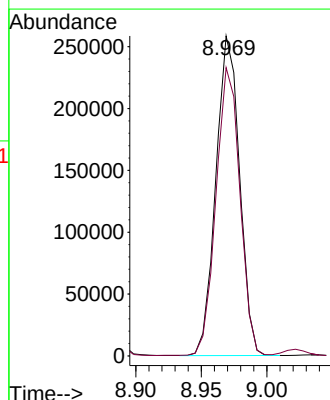
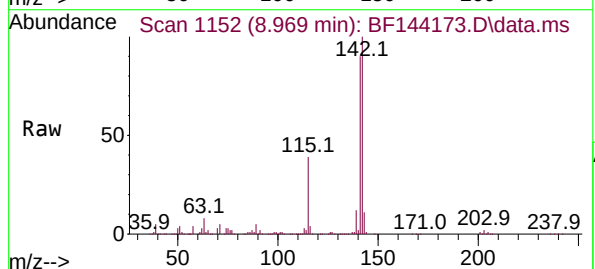
Acq: 05 Nov 2025 14:50

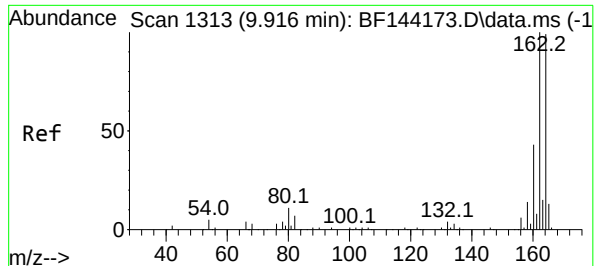
Tgt Ion:142 Resp: 325483

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

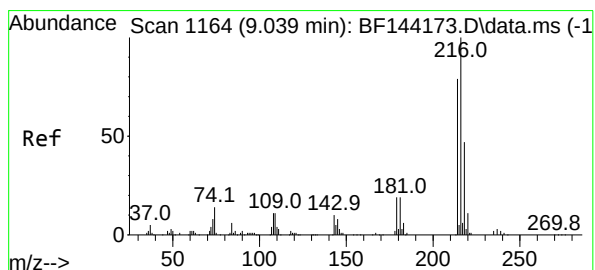
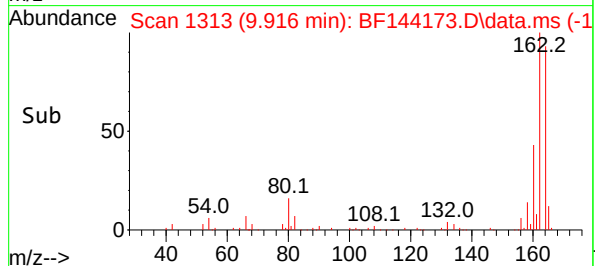
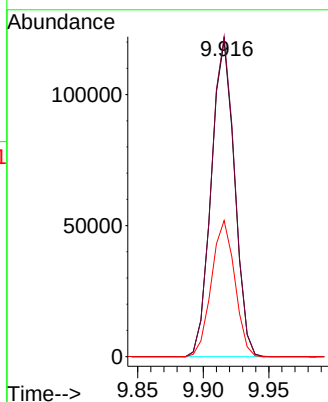
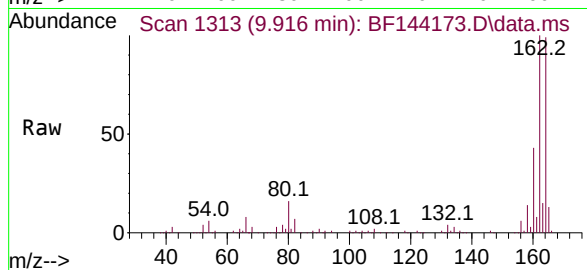
Tgt Ion:164 Resp: 148823

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.210 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:216 Resp: 200998

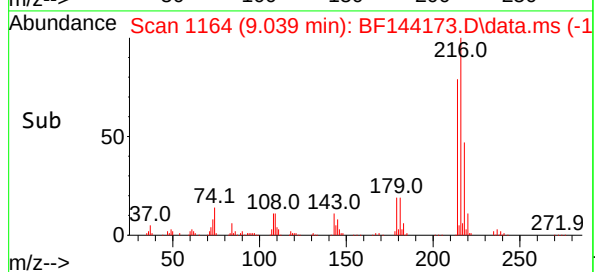
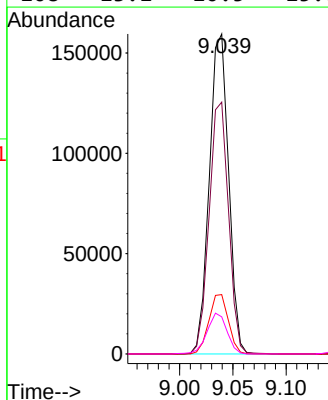
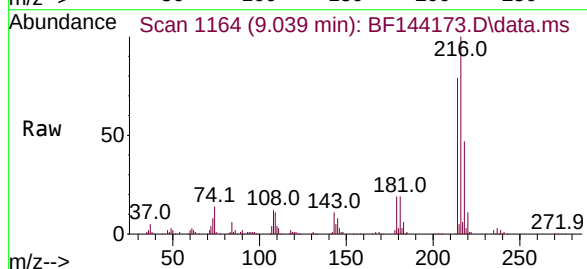
Ion Ratio Lower Upper

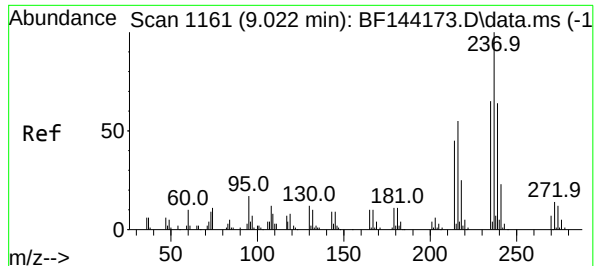
216 100

214 79.3 63.4 95.2

179 18.7 15.0 22.4

108 13.1 10.5 15.7

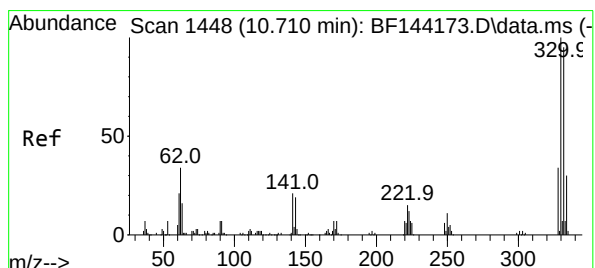
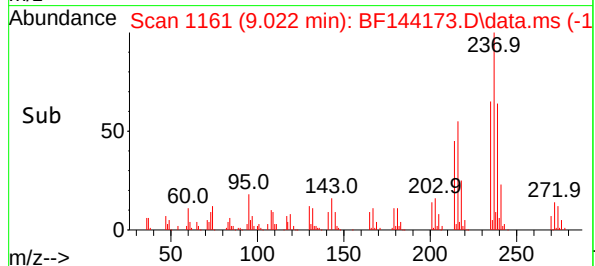
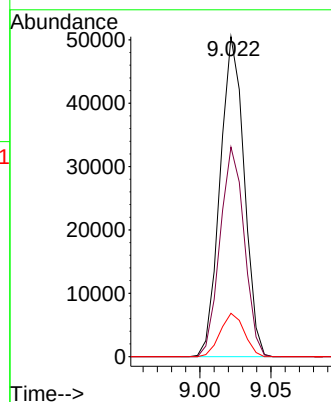
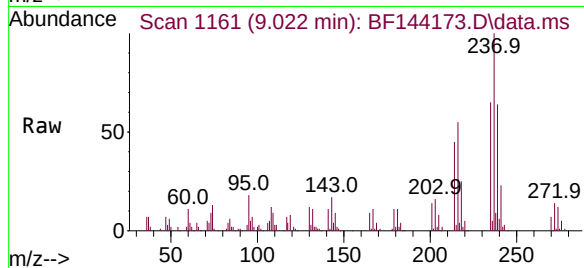




#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

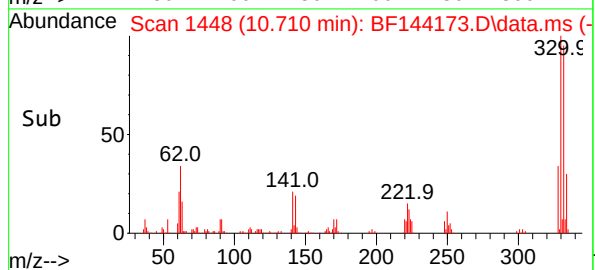
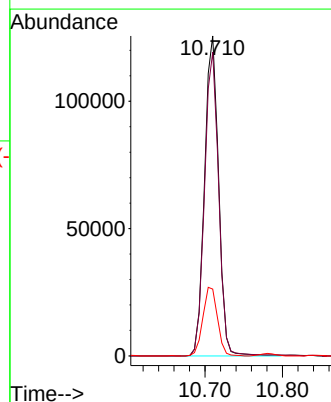
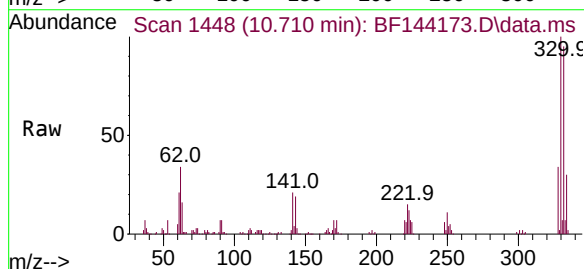
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

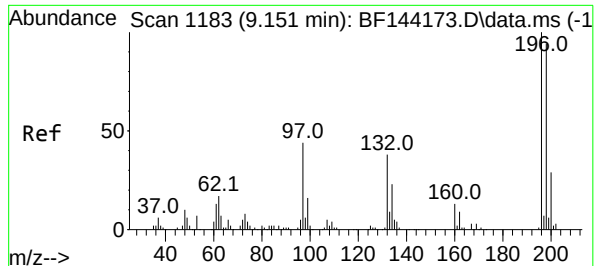
Tgt Ion:237 Resp: 59520
Ion Ratio Lower Upper
237 100
235 65.5 45.5 85.5
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 84.493 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:330 Resp: 157795
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 22.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.875 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

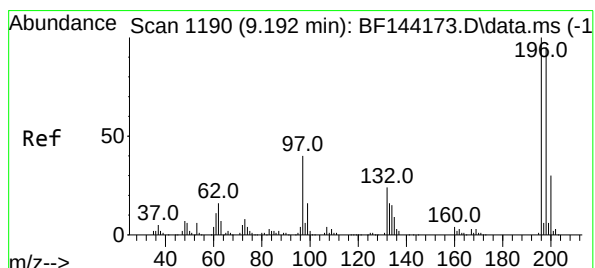
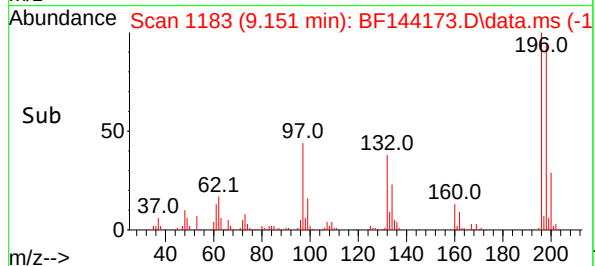
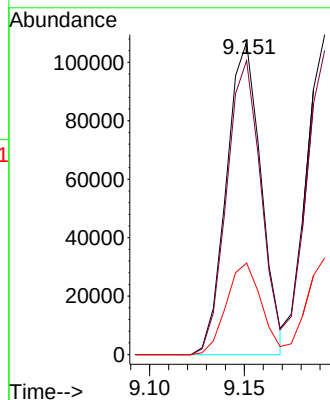
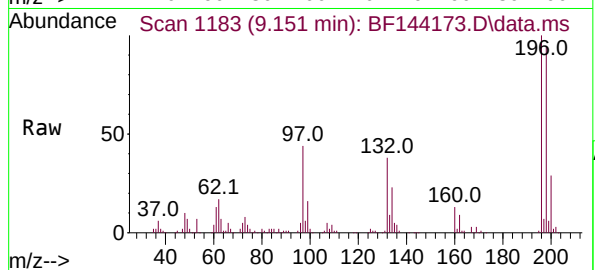
Tgt Ion:196 Resp: 135691

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 29.3 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.641 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 145405

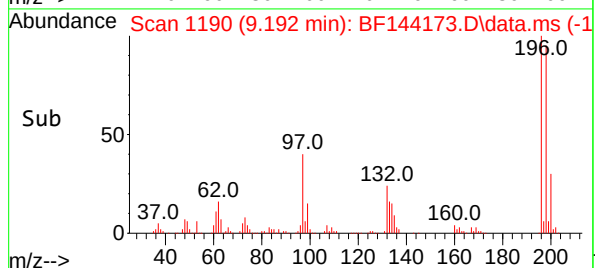
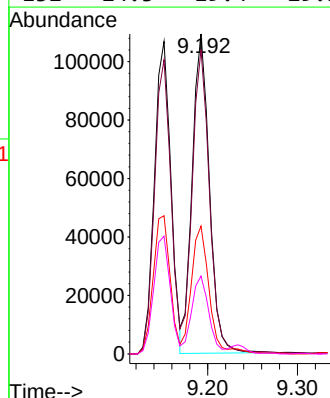
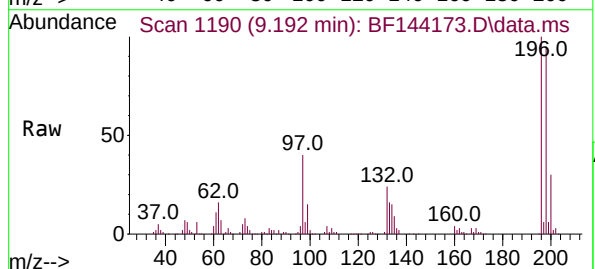
Ion Ratio Lower Upper

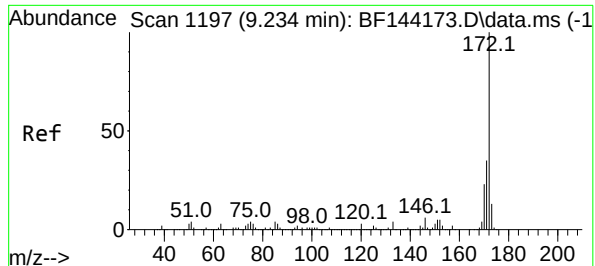
196 100

198 95.1 76.1 114.1

97 39.9 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.737 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

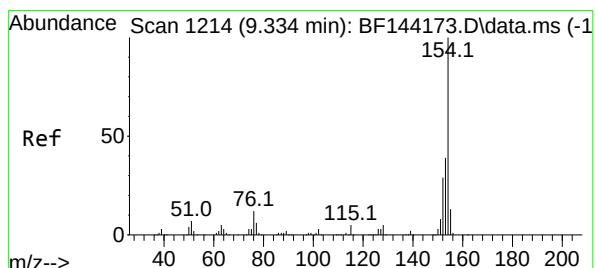
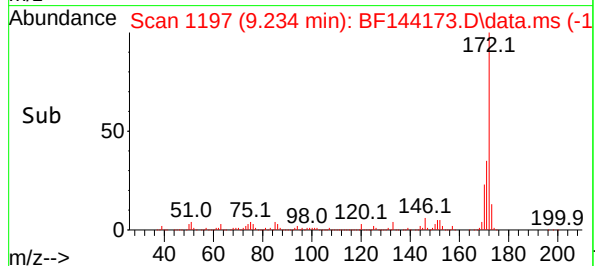
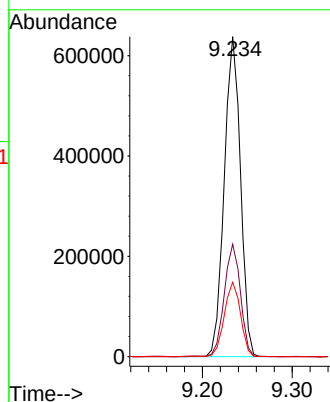
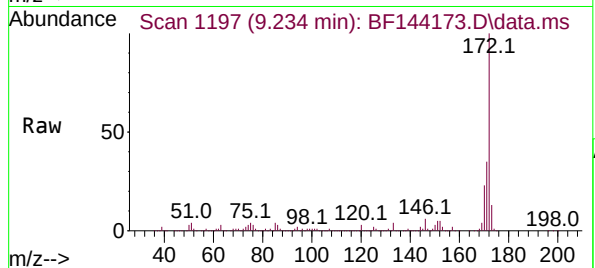
Tgt Ion:172 Resp: 803464

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.345 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

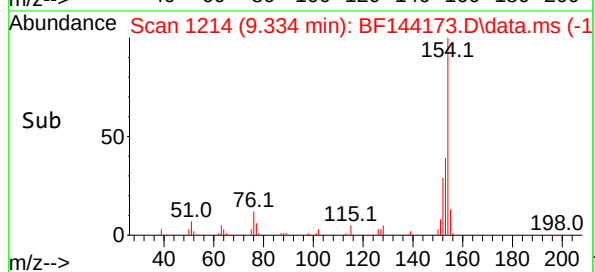
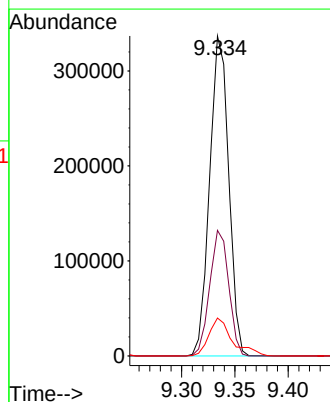
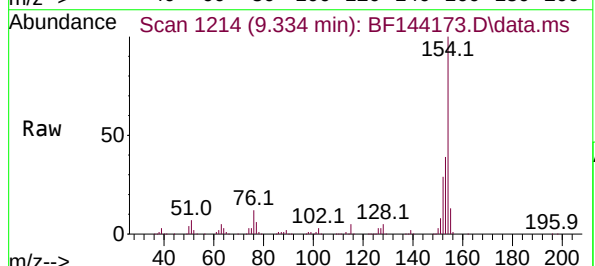
Tgt Ion:154 Resp: 419119

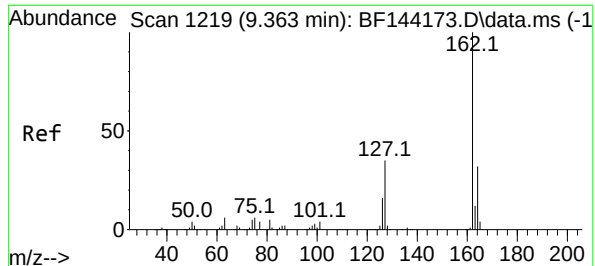
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.458 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

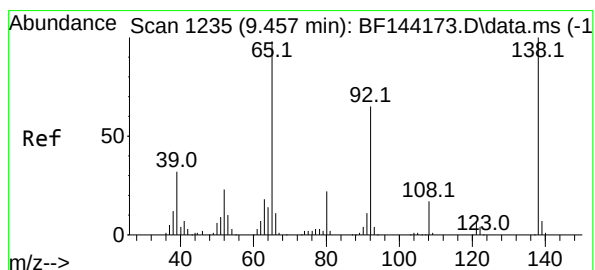
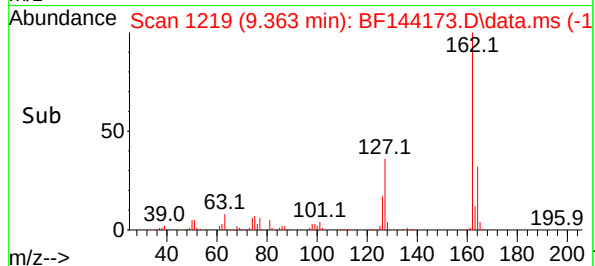
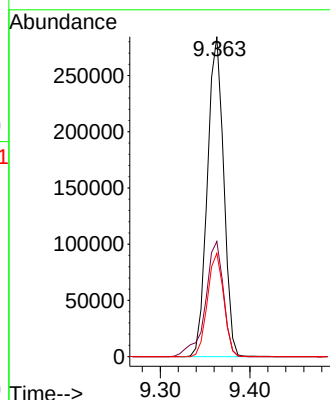
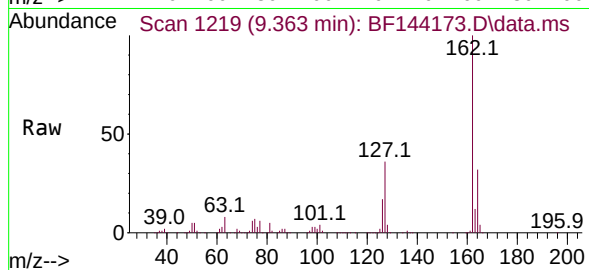
Tgt Ion:162 Resp: 358514

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 42.059 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

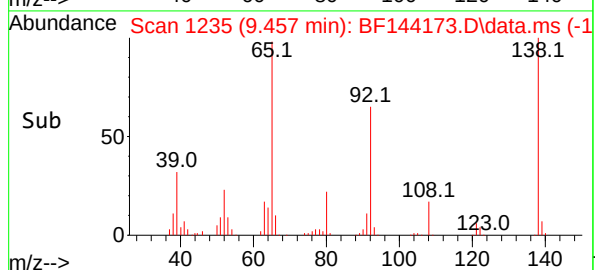
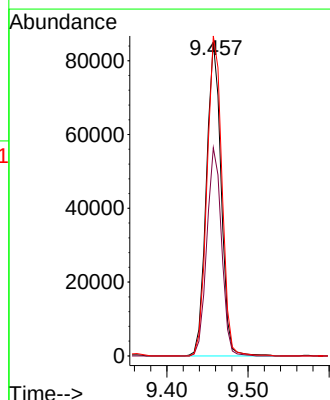
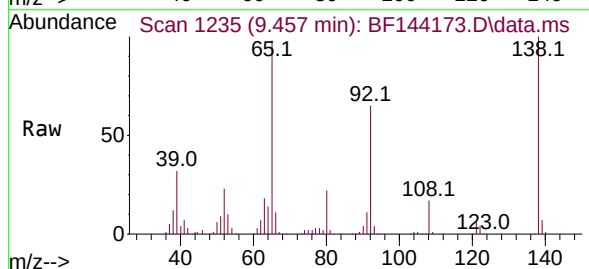
Tgt Ion: 65 Resp: 107536

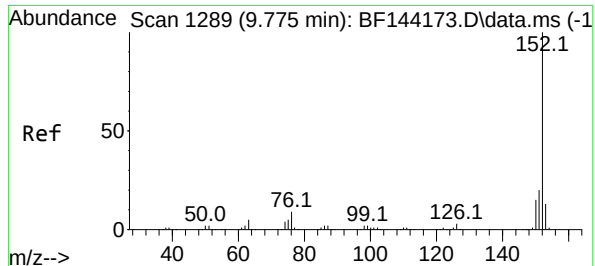
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.6

138 102.0 81.6 122.4





#49

Acenaphthylene

Concen: 40.553 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

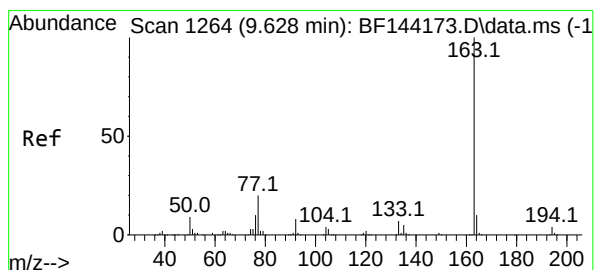
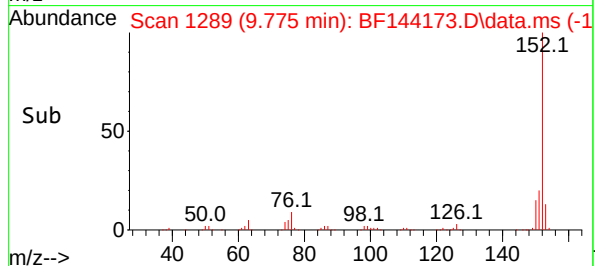
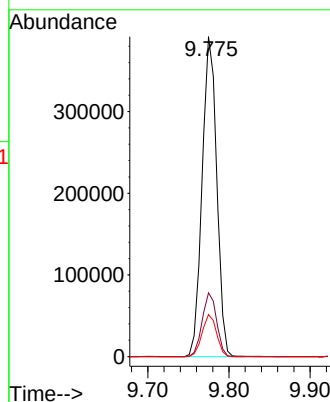
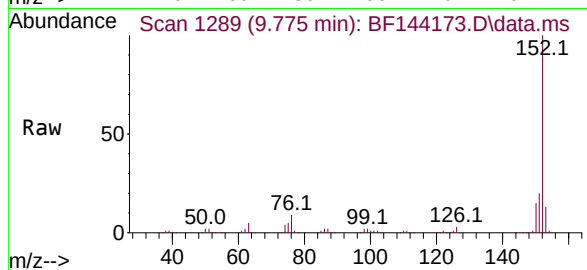
Tgt Ion:152 Resp: 489708

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 40.620 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

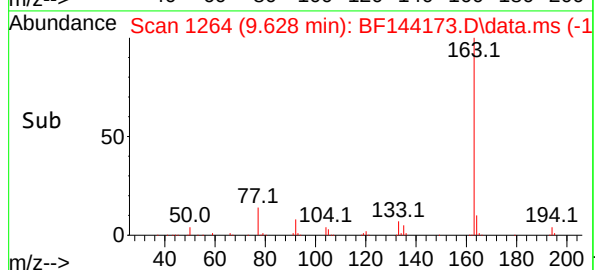
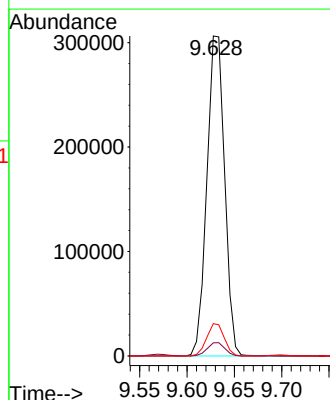
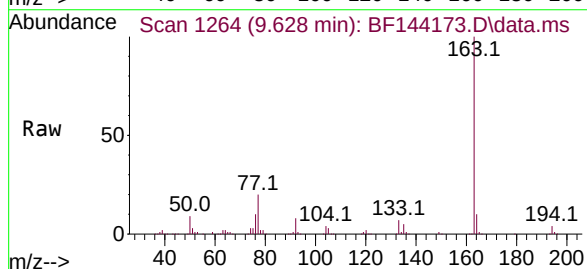
Tgt Ion:163 Resp: 400479

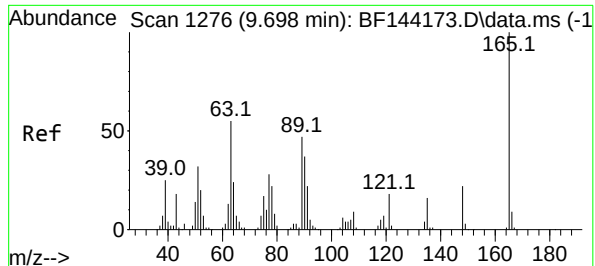
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.169 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

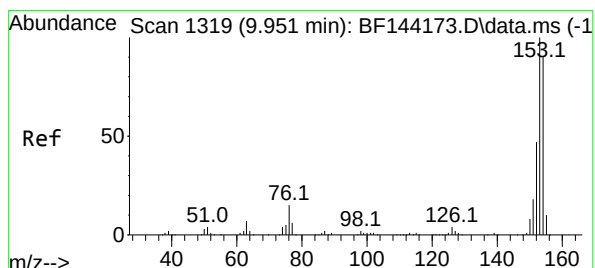
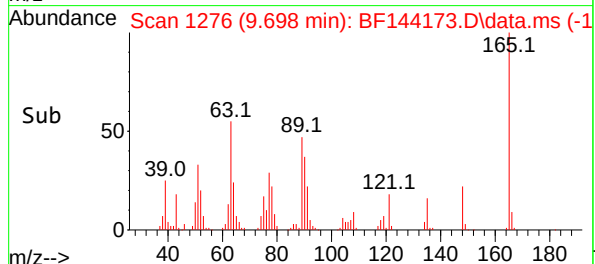
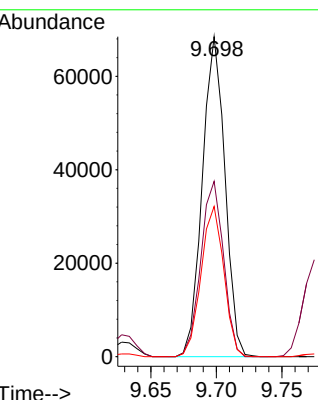
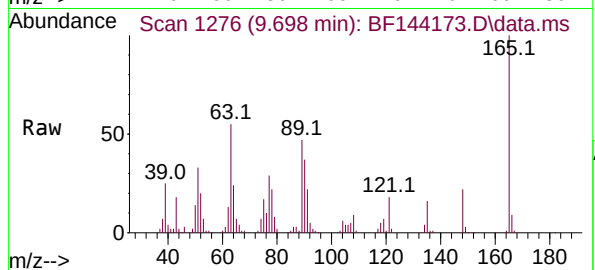
Tgt Ion:165 Resp: 82166

Ion Ratio Lower Upper

165 100

63 54.8 43.8 65.8

89 46.9 37.5 56.3



#52

Acenaphthene

Concen: 40.406 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

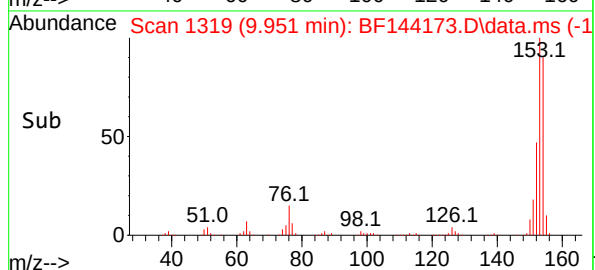
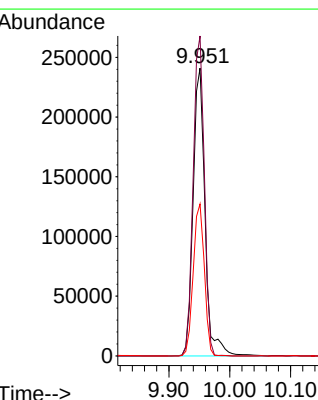
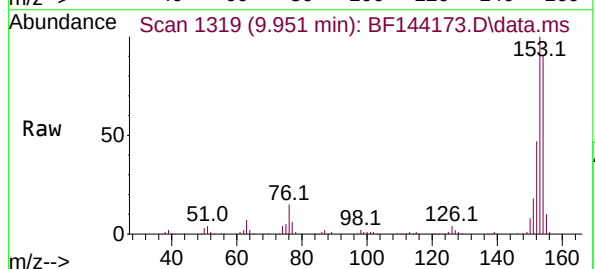
Tgt Ion:154 Resp: 326285

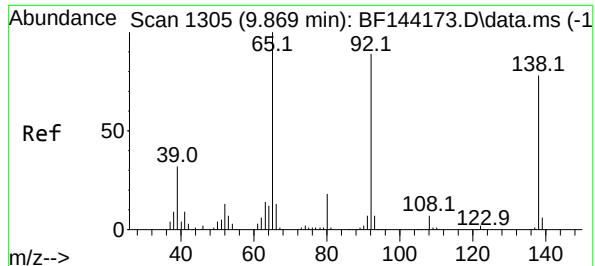
Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

152 52.8 42.2 63.4





#53

3-Nitroaniline

Concen: 42.918 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

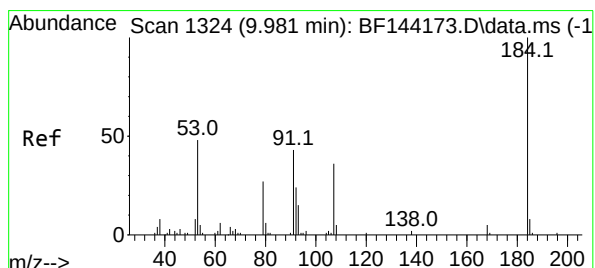
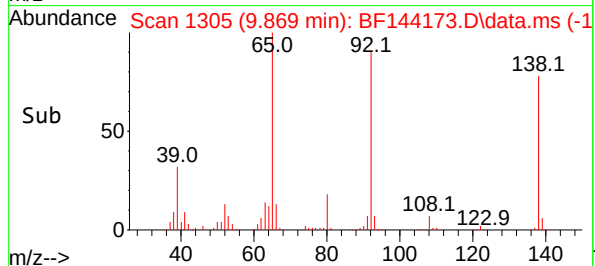
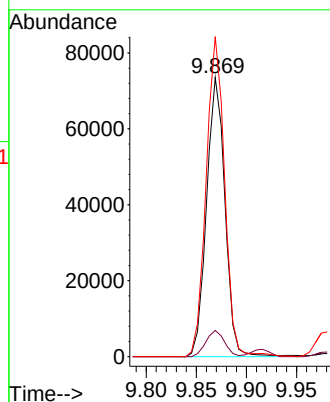
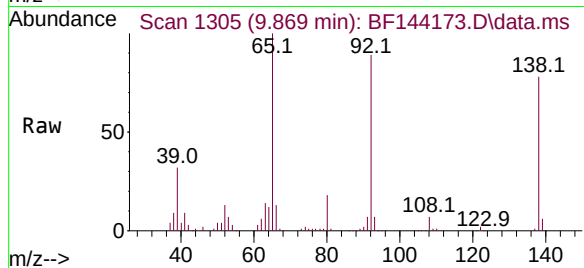
Tgt Ion:138 Resp: 93636

Ion Ratio Lower Upper

138 100

108 9.4 7.5 11.3

92 114.7 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 34.614 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

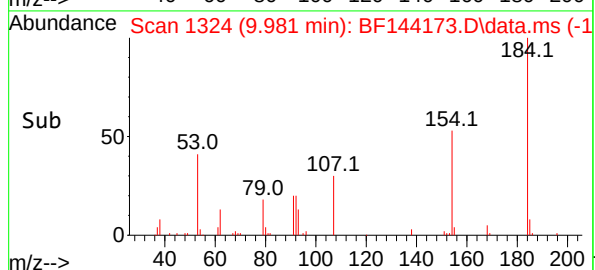
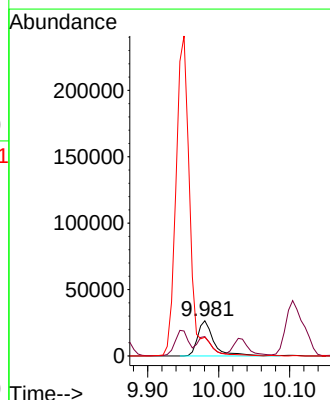
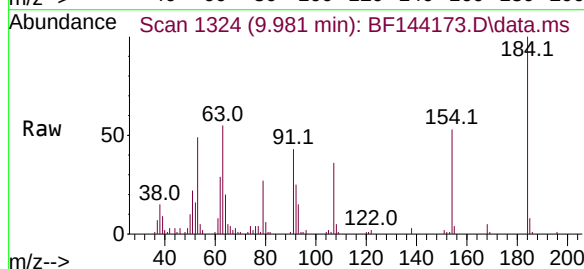
Tgt Ion:184 Resp: 41716

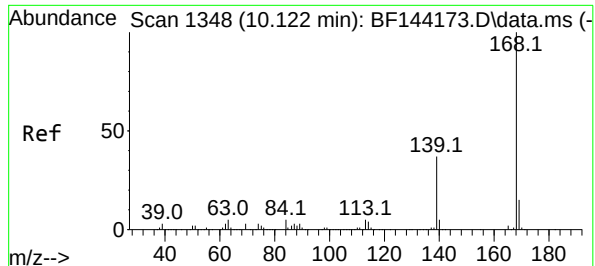
Ion Ratio Lower Upper

184 100

63 55.0 44.0 66.0

154 53.0 42.4 63.6





#55

Dibenzenofuran

Concen: 40.810 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

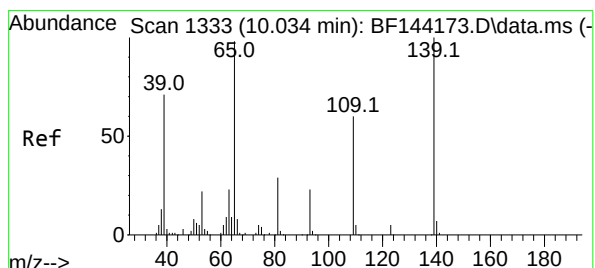
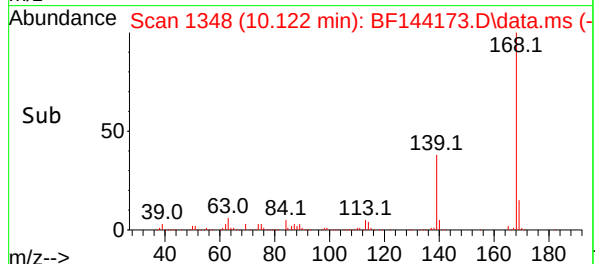
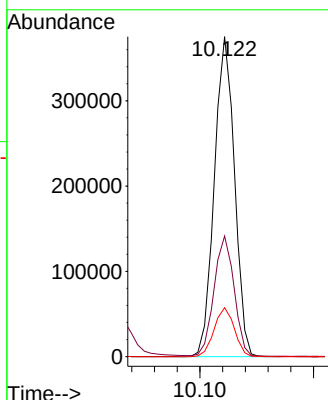
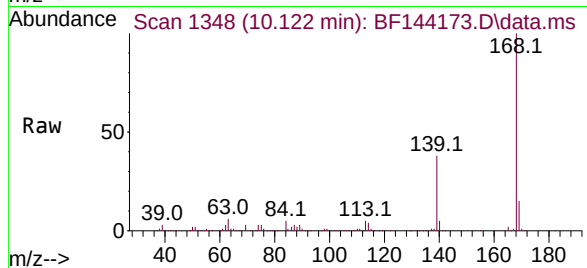
Tgt Ion:168 Resp: 461538

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 38.426 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

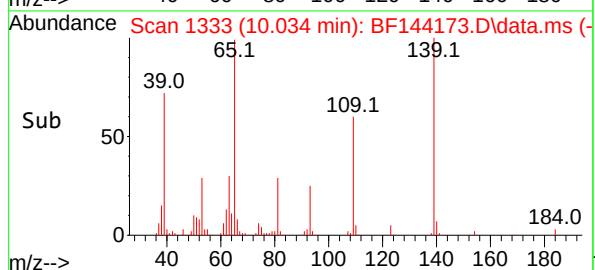
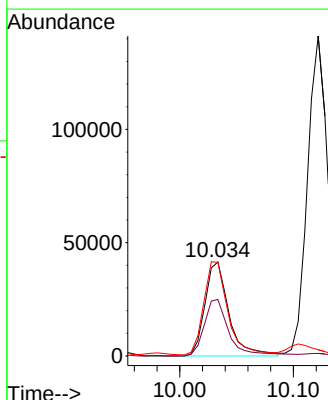
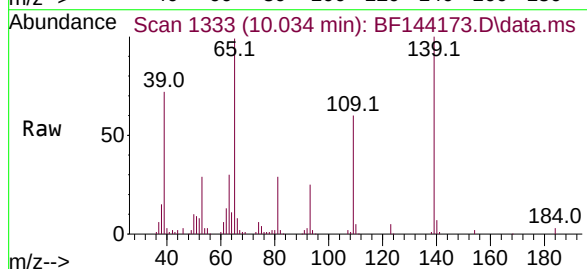
Tgt Ion:139 Resp: 60643

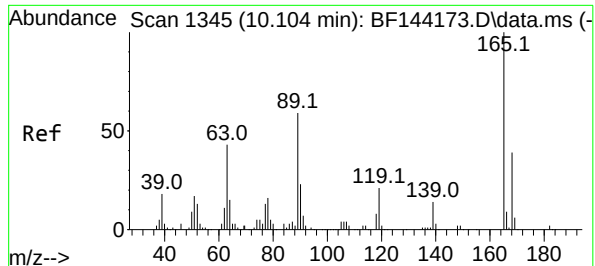
Ion Ratio Lower Upper

139 100

109 59.9 39.9 79.9

65 99.5 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 42.858 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 114508

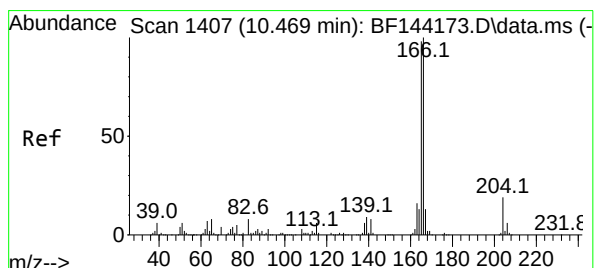
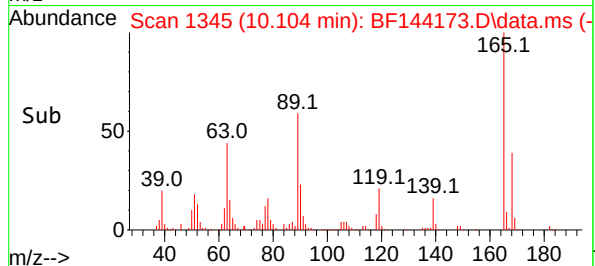
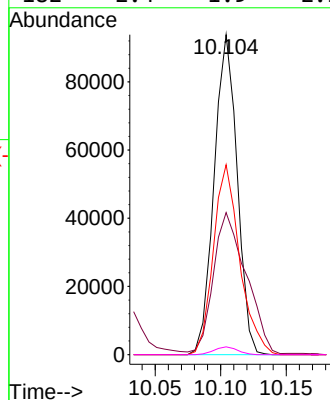
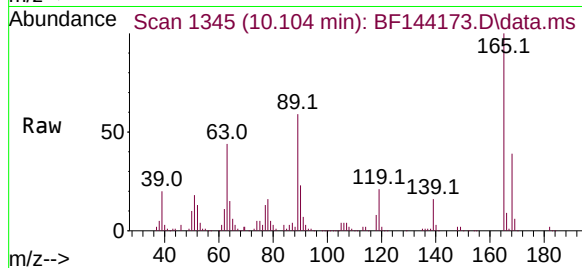
Ion Ratio Lower Upper

165 100

63 44.4 35.5 53.3

89 59.3 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 40.841 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

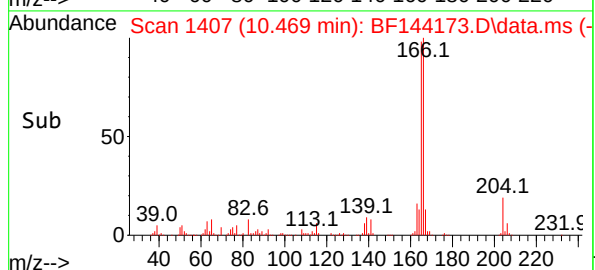
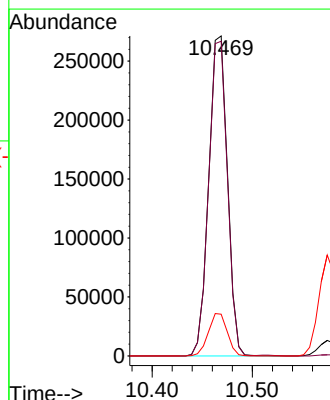
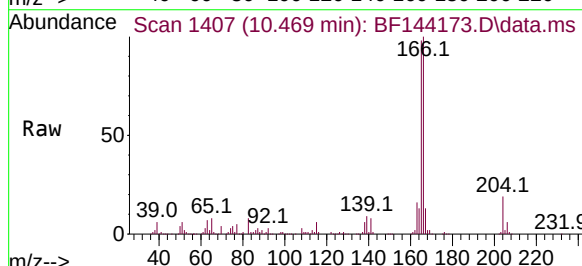
Tgt Ion:166 Resp: 351182

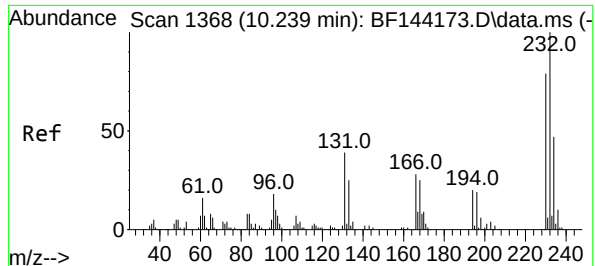
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.0 10.4 15.6

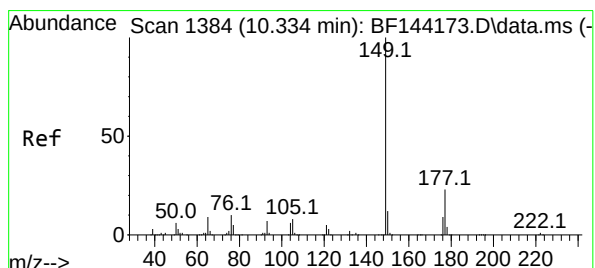
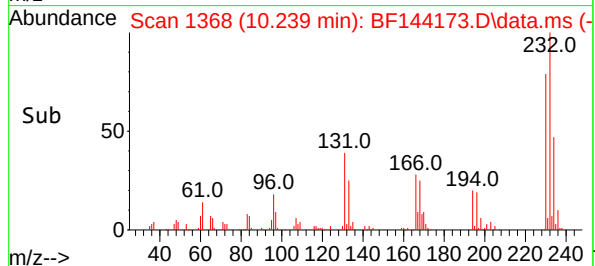
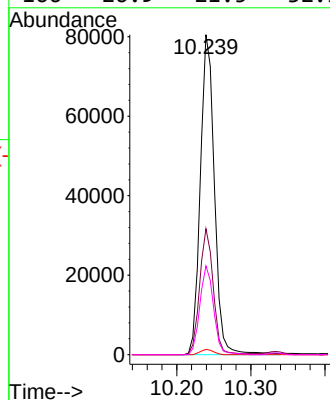
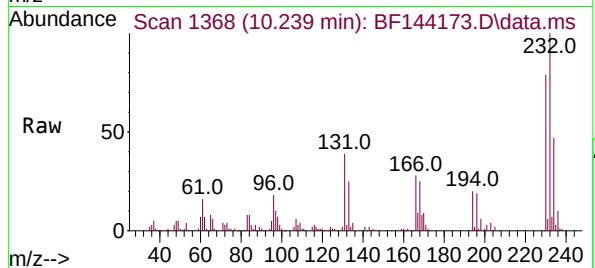




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.037 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

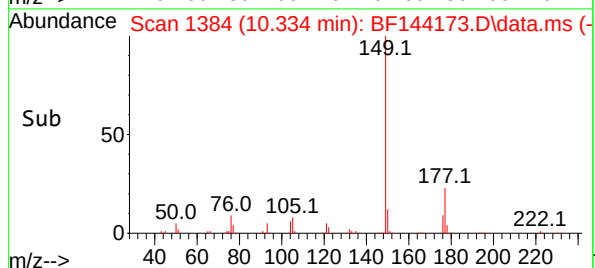
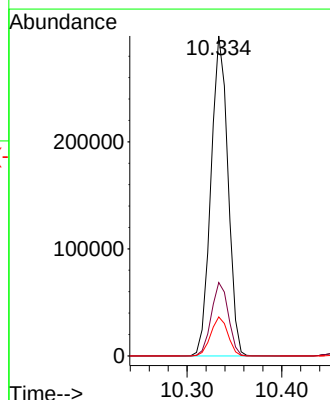
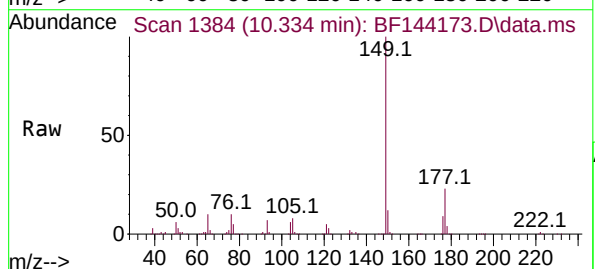
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

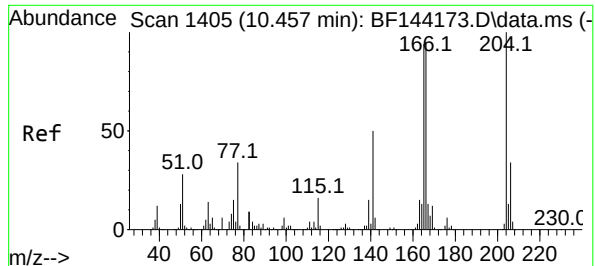
Tgt Ion:232 Resp: 106411
Ion Ratio Lower Upper
232 100
131 37.9 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3



#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 373187
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.2 9.8 14.6

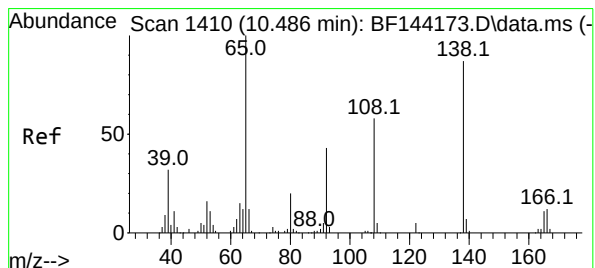
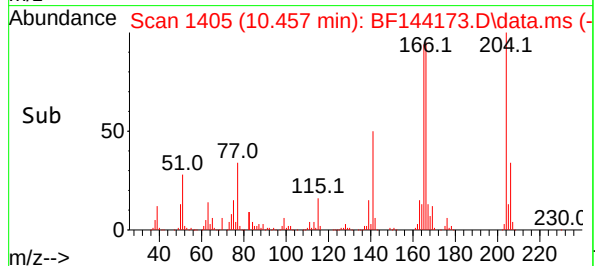
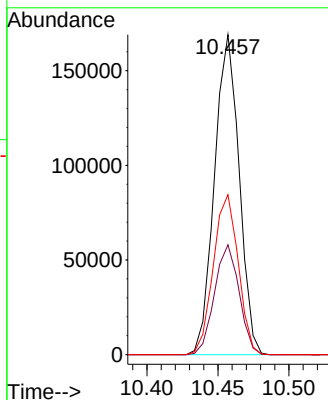
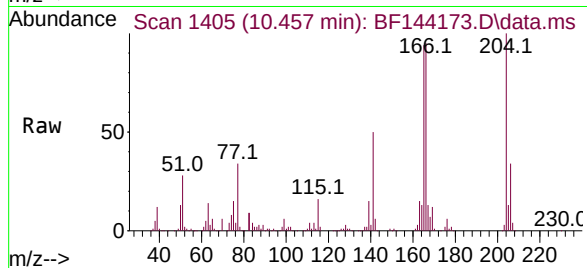




#61
4-Chlorophenyl-phenylether
Concen: 41.598 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

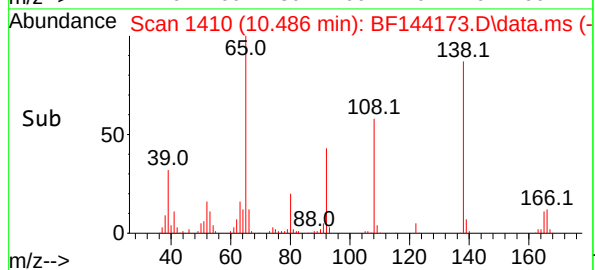
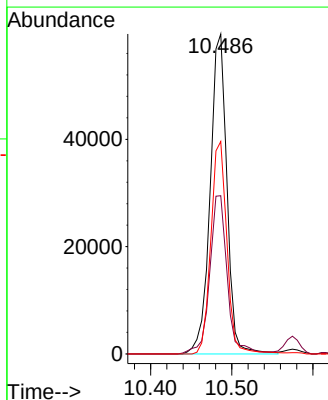
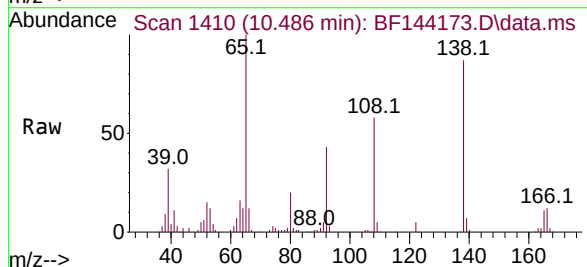
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

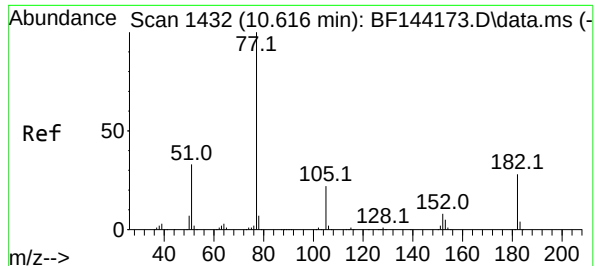
Tgt Ion:204 Resp: 203750
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 50.0 40.0 60.0



#62
4-Nitroaniline
Concen: 41.237 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 85679
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 66.4 46.4 86.4

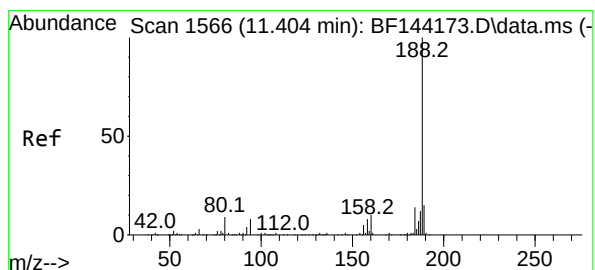
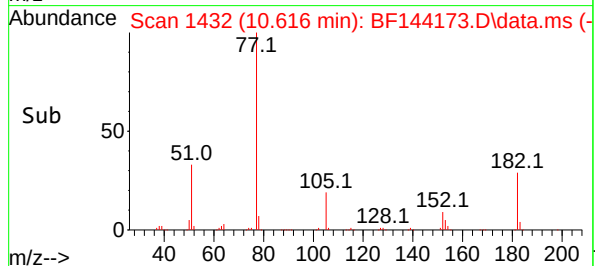
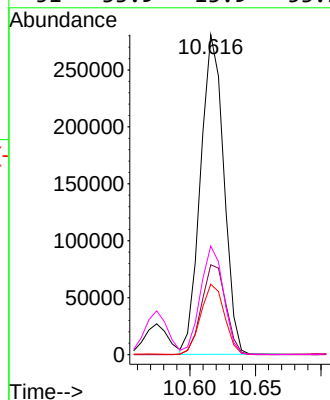
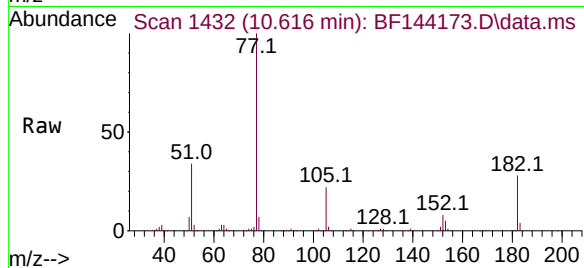




#63
Azobenzene
Concen: 40.948 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

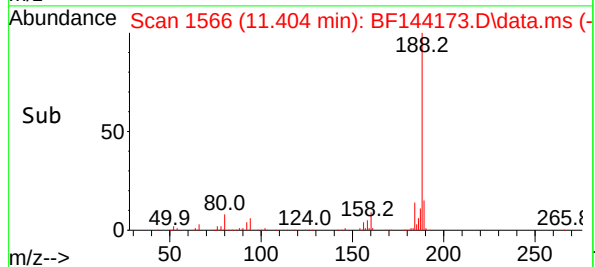
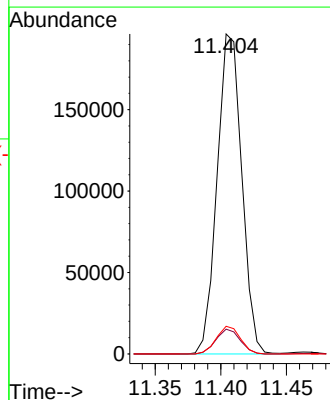
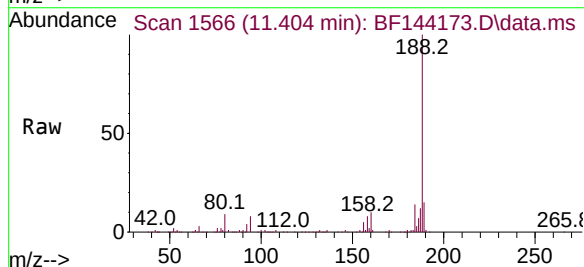
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

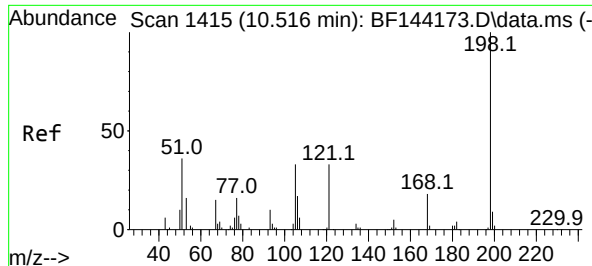
Tgt Ion: 77 Resp: 346367
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 22.0 2.0 42.0
51 33.9 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 188 Resp: 257329
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.6 6.9 10.3

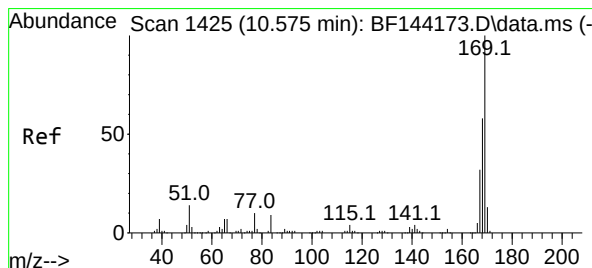
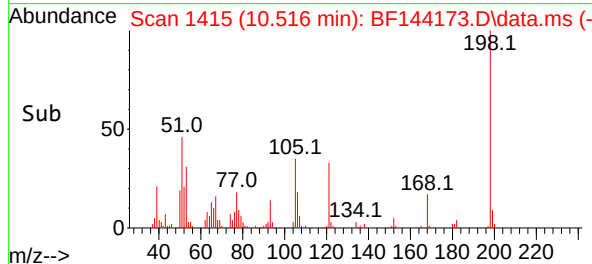
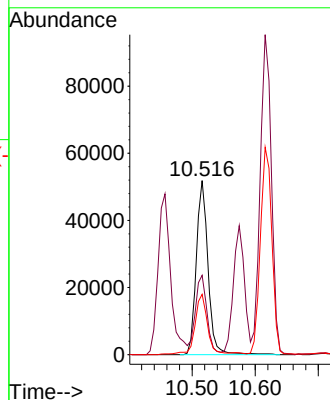
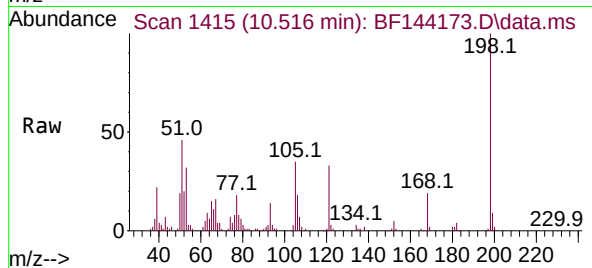




#65
4,6-Dinitro-2-methylphenol
Concen: 38.343 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

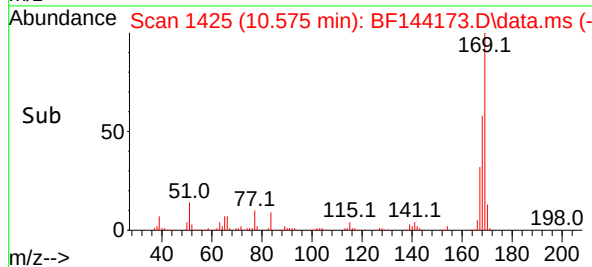
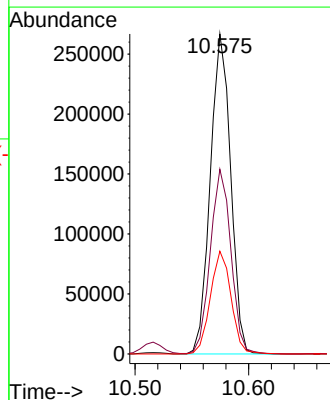
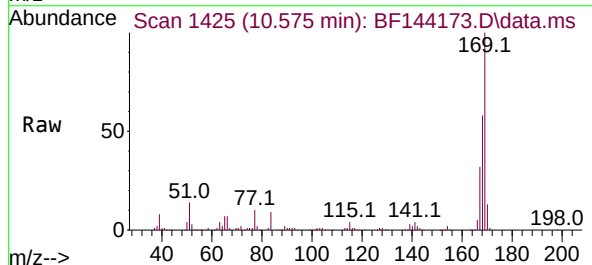
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

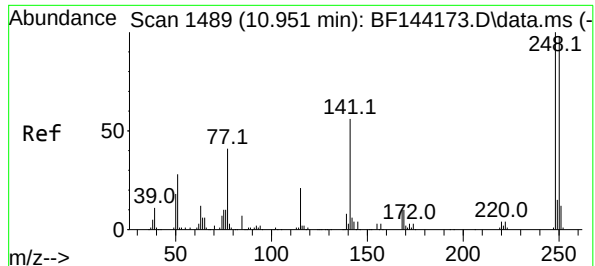
Tgt Ion:198 Resp: 67029
Ion Ratio Lower Upper
198 100
51 45.6 25.6 65.6
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 40.189 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:169 Resp: 332623
Ion Ratio Lower Upper
169 100
168 57.7 46.2 69.2
167 32.1 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 41.198 ng

RT: 10.951 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

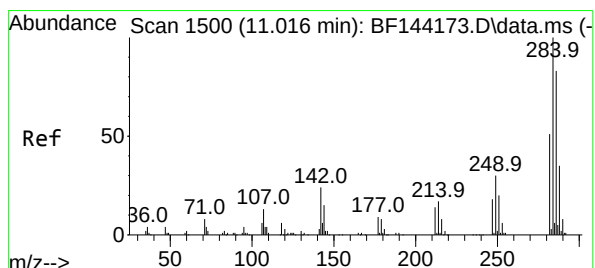
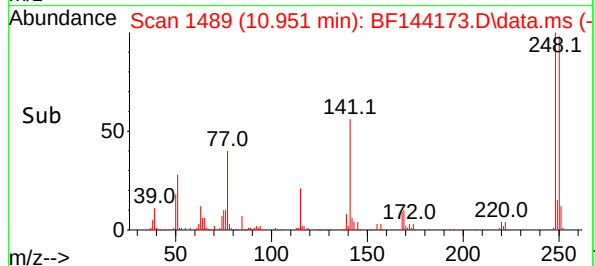
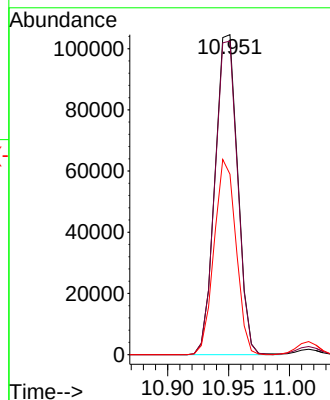
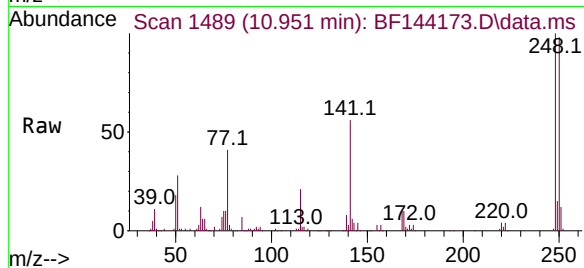
Tgt Ion:248 Resp: 135319

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

141 56.4 45.1 67.7



#68

Hexachlorobenzene

Concen: 39.943 ng

RT: 11.016 min Scan# 1500

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

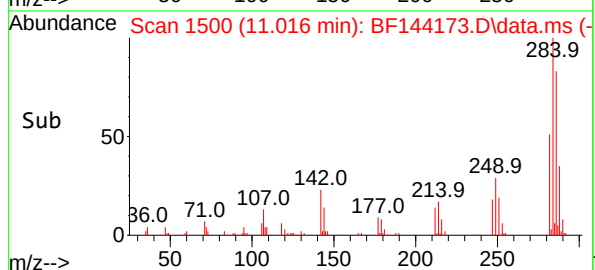
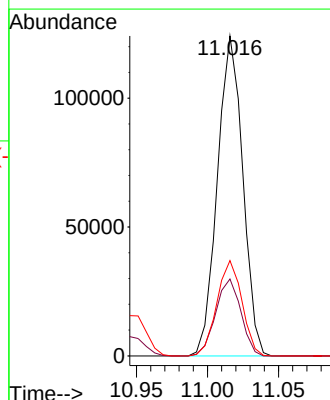
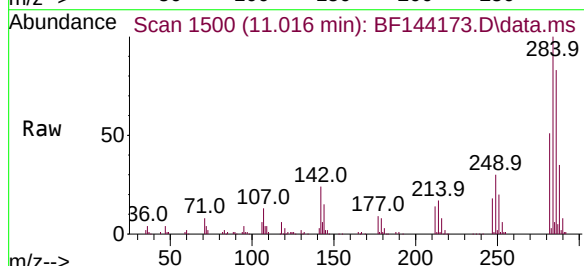
Tgt Ion:284 Resp: 154532

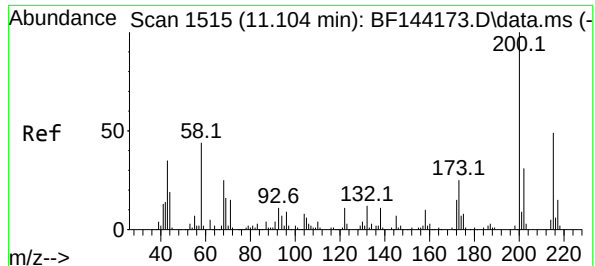
Ion Ratio Lower Upper

284 100

142 24.0 19.2 28.8

249 29.8 23.8 35.8





#69

Atrazine

Concen: 40.239 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

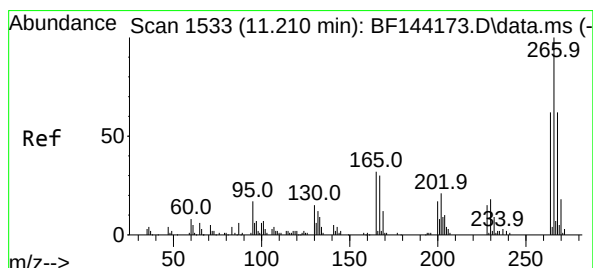
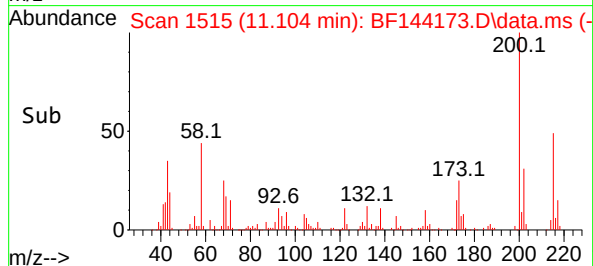
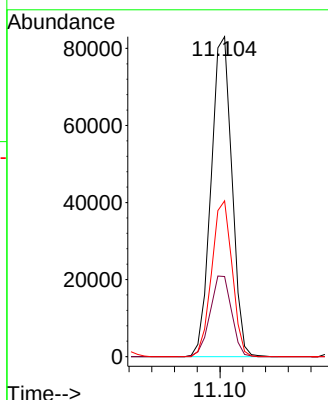
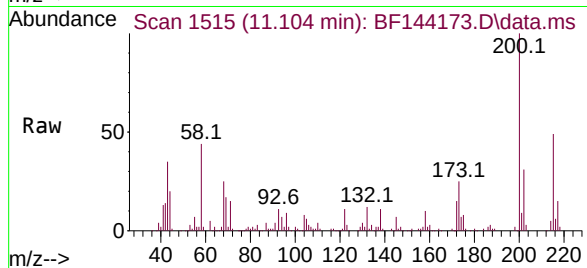
Tgt Ion:200 Resp: 105912

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 41.685 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

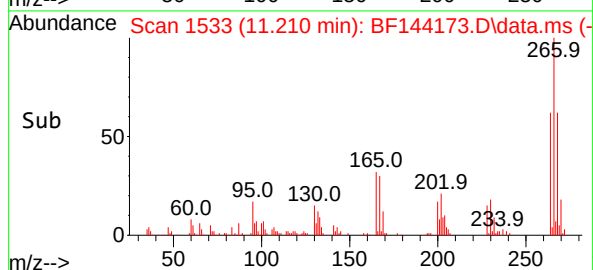
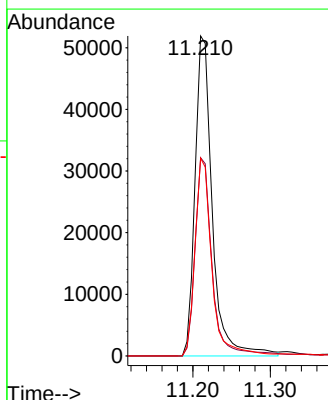
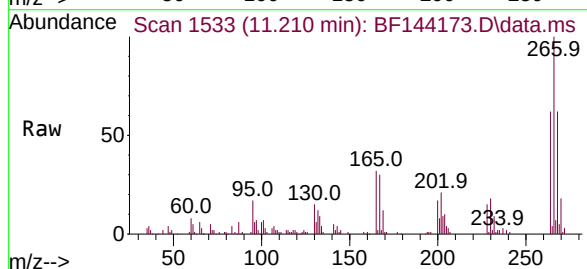
Tgt Ion:266 Resp: 80306

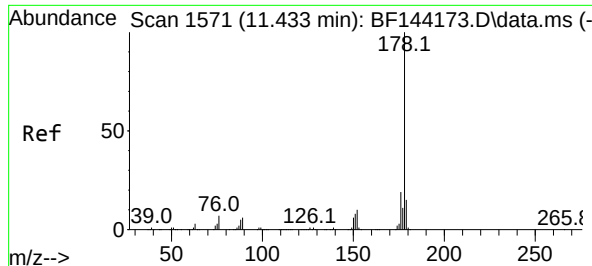
Ion Ratio Lower Upper

266 100

268 61.9 49.5 74.3

264 61.8 49.4 74.2

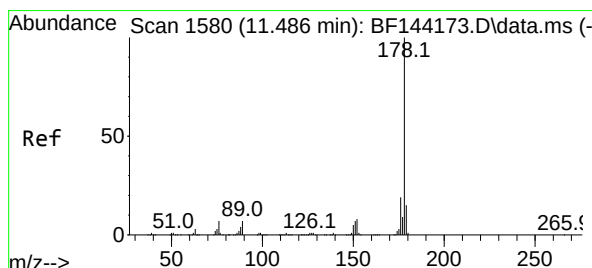
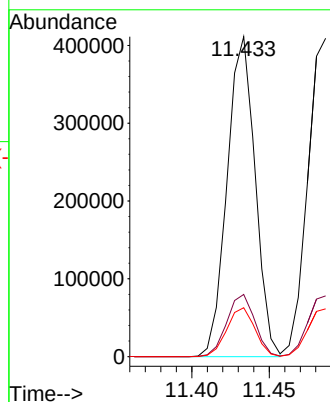
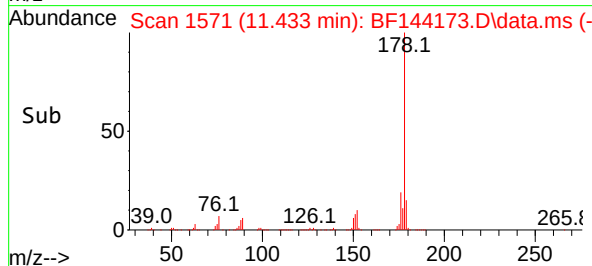
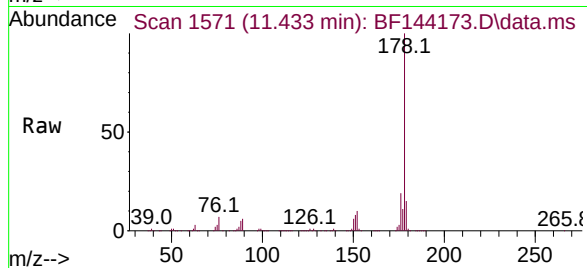




#71
Phenanthrene
Concen: 40.513 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

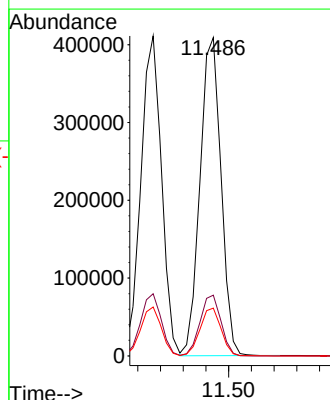
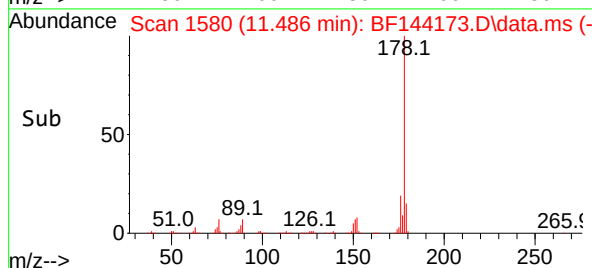
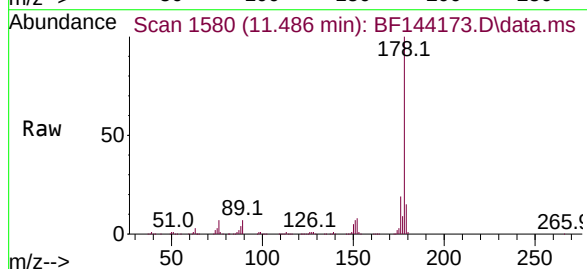
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

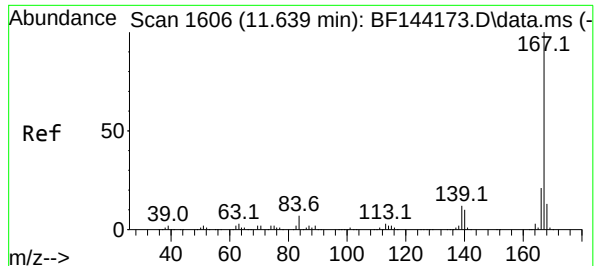
Tgt Ion	Resp	Ion Ratio	Lower	Upper
178	519052	100		
176		19.4	15.5	23.3
179		15.3	12.2	18.4



#72
Anthracene
Concen: 40.372 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Resp	Ion Ratio	Lower	Upper
178	525954	100		
176		19.1	15.3	22.9
179		15.0	12.0	18.0

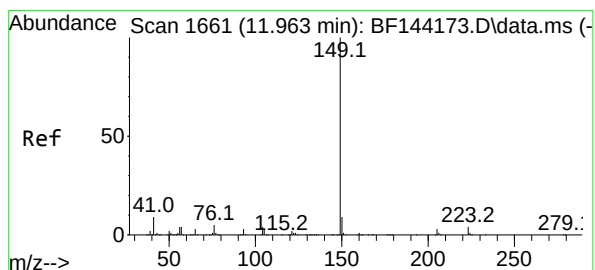
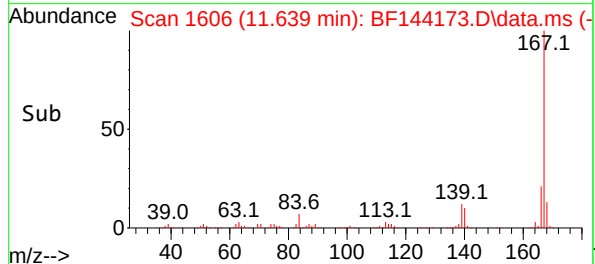
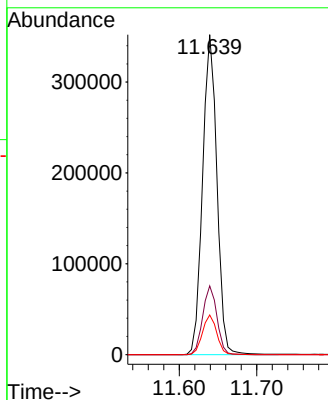
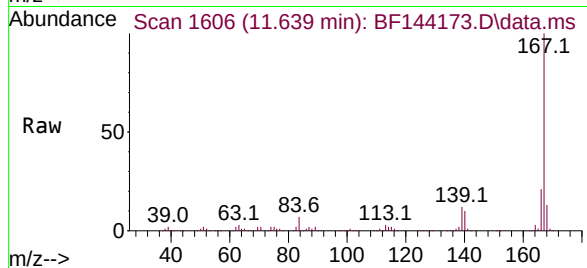




#73
Carbazole
Concen: 40.796 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

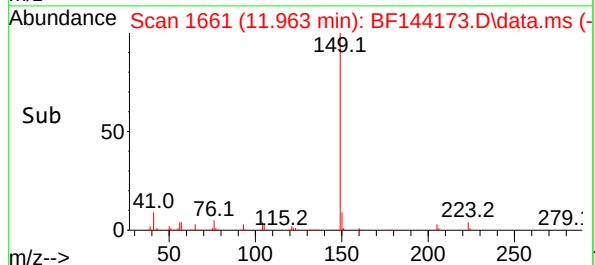
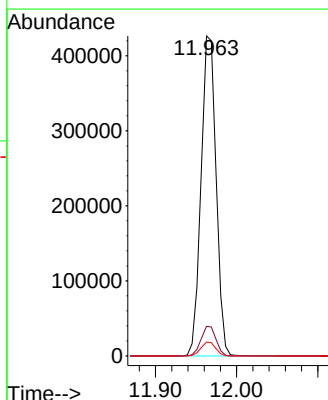
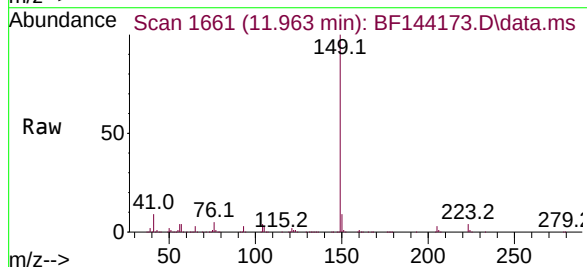
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

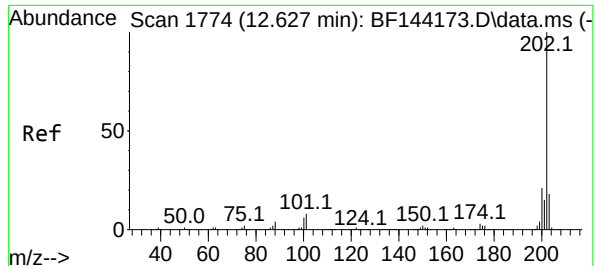
Tgt Ion:167 Resp: 451935
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.117 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 550628
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.3 3.4 5.2

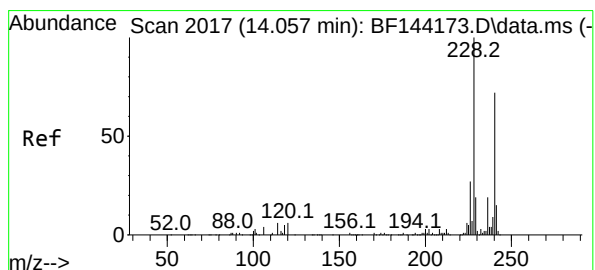
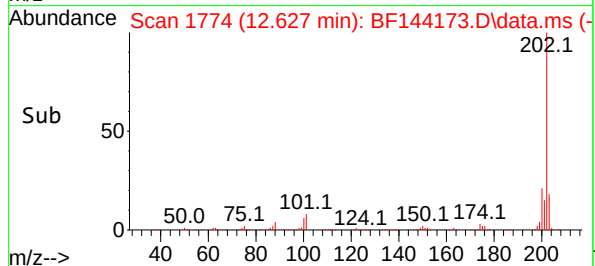
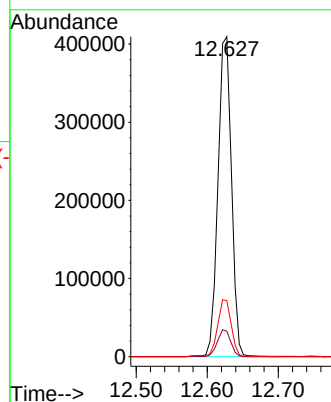
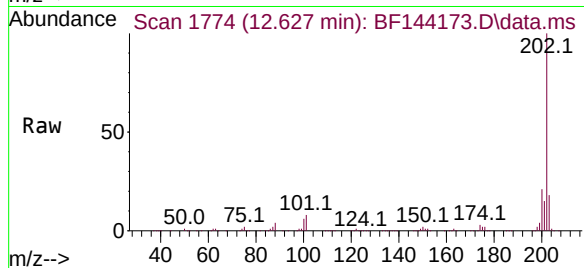




#75
Fluoranthene
Concen: 40.992 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

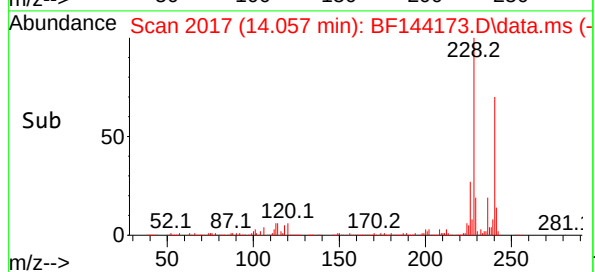
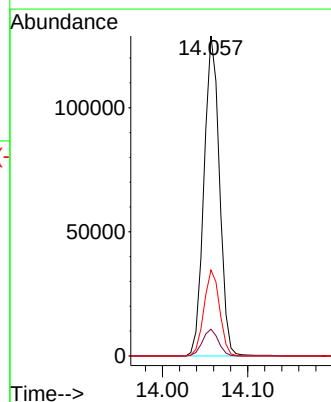
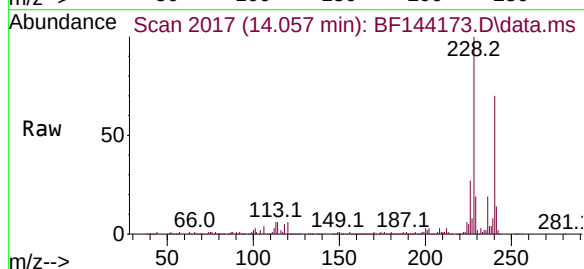
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

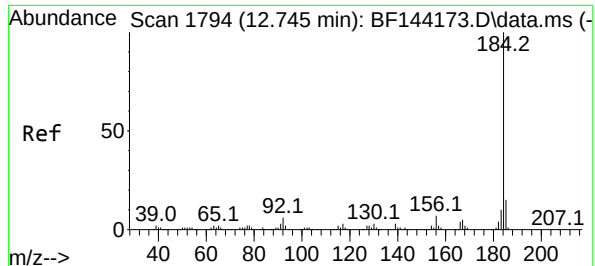
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.8	21.4	32.2





#77

Benzidine

Concen: 42.178 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

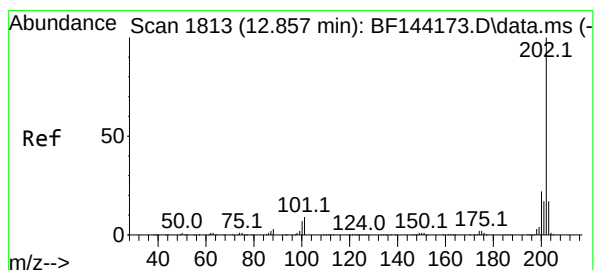
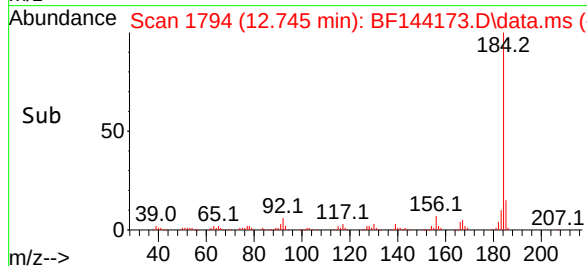
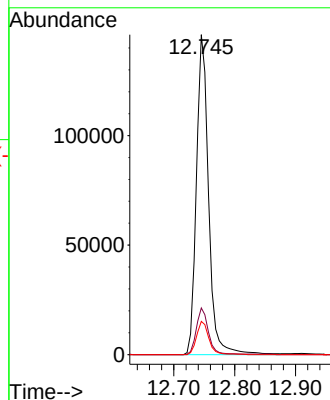
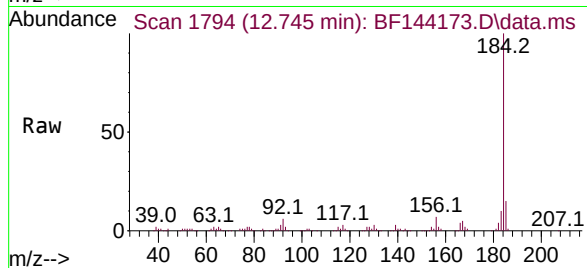
Tgt Ion:184 Resp: 202921

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.4 8.3 12.5



#78

Pyrene

Concen: 42.272 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

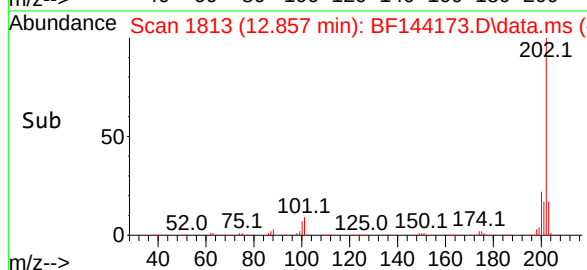
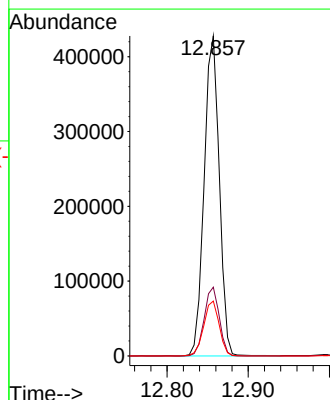
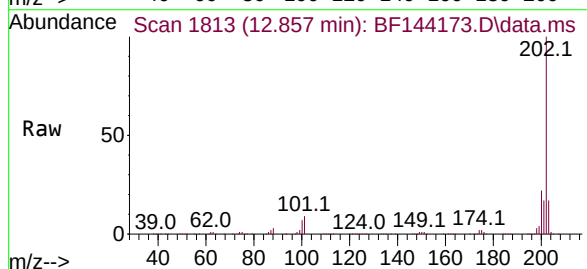
Tgt Ion:202 Resp: 554374

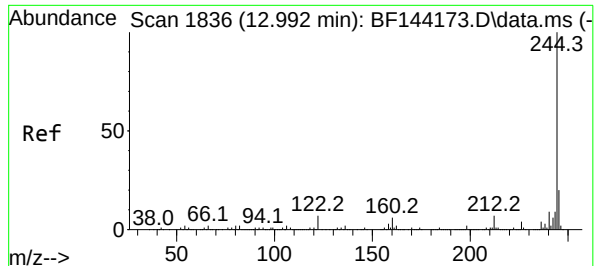
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 83.645 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

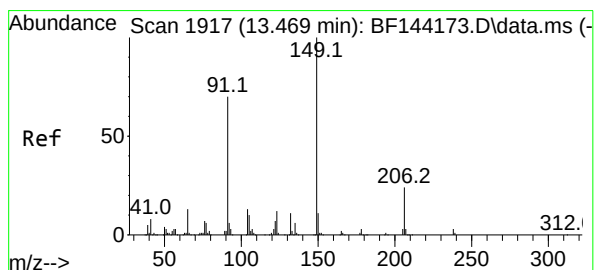
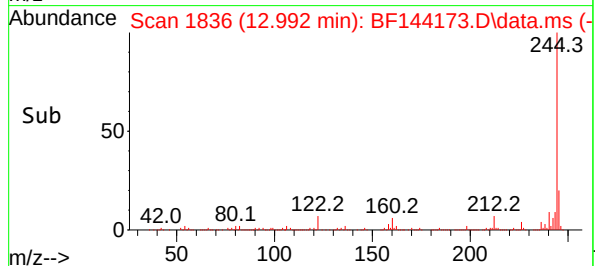
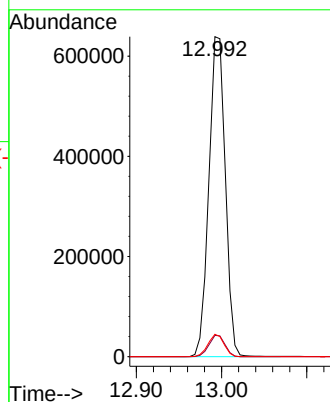
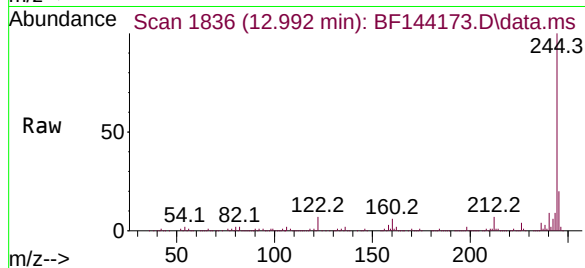
Tgt Ion:244 Resp: 856515

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 42.209 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

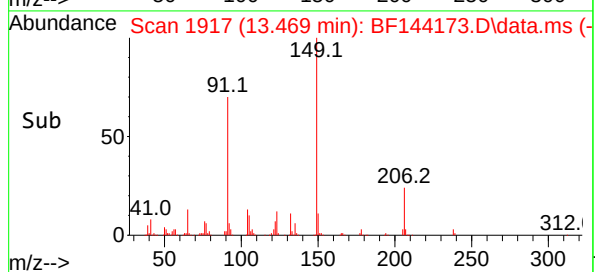
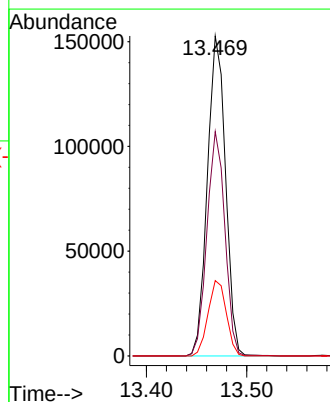
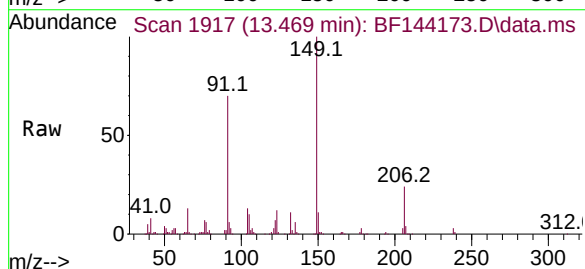
Tgt Ion:149 Resp: 191850

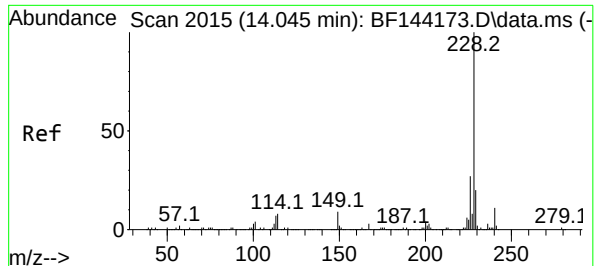
Ion Ratio Lower Upper

149 100

91 70.1 56.1 84.1

206 23.5 18.8 28.2





#81

Benzo(a)anthracene

Concen: 41.267 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

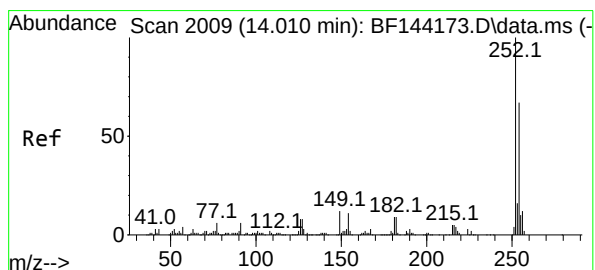
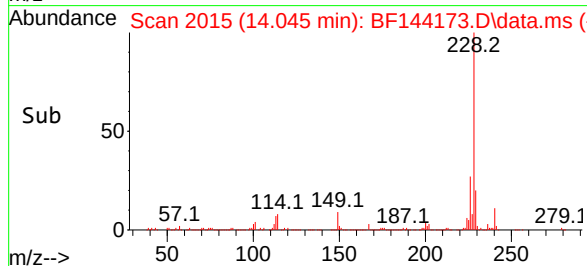
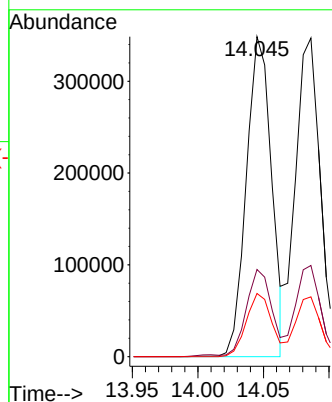
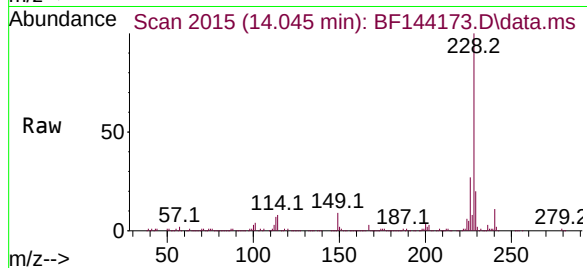
Tgt Ion:228 Resp: 465201

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.620 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

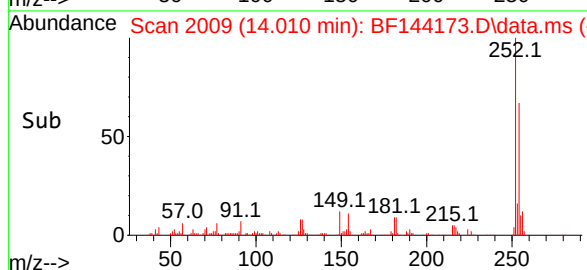
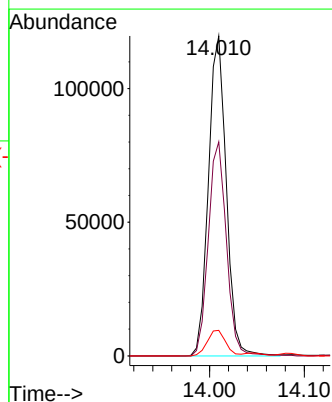
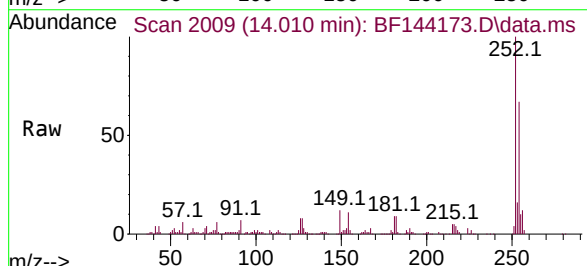
Tgt Ion:252 Resp: 156957

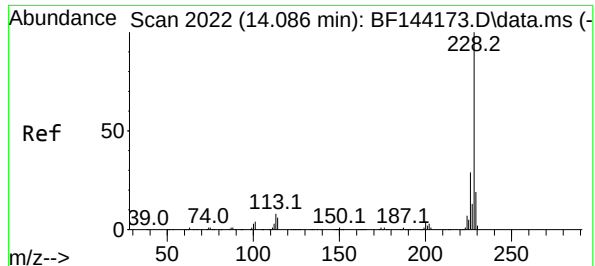
Ion Ratio Lower Upper

252 100

254 66.9 53.5 80.3

126 8.0 6.4 9.6

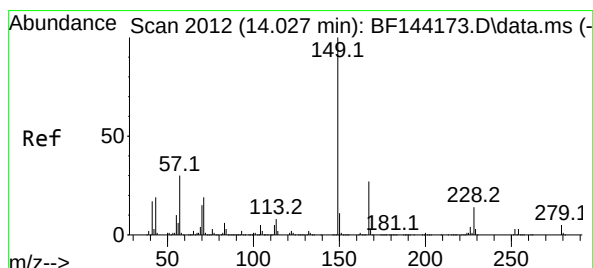
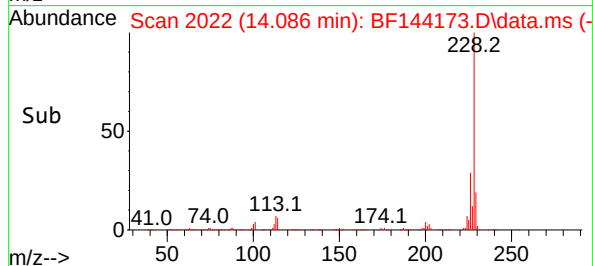
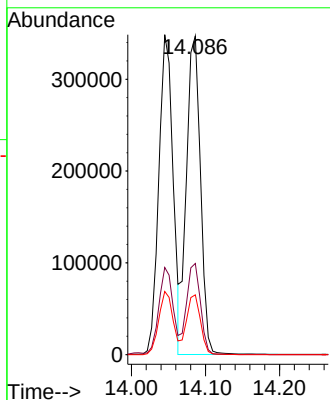
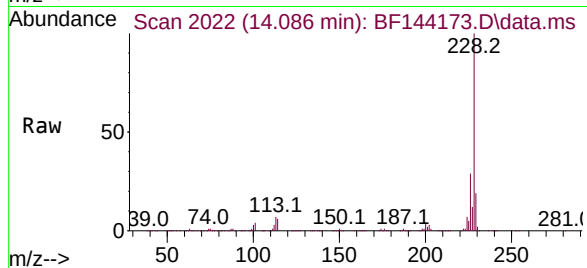




#83
Chrysene
Concen: 43.853 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

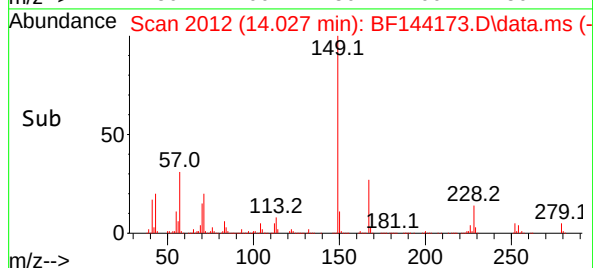
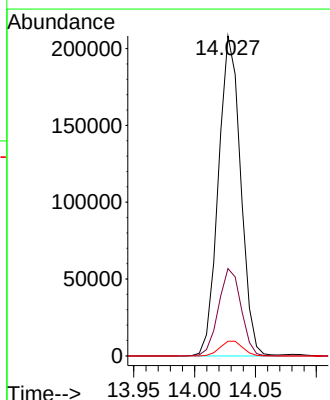
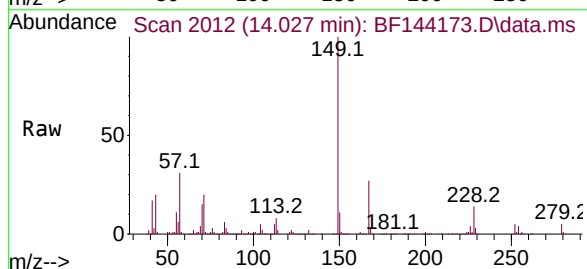
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

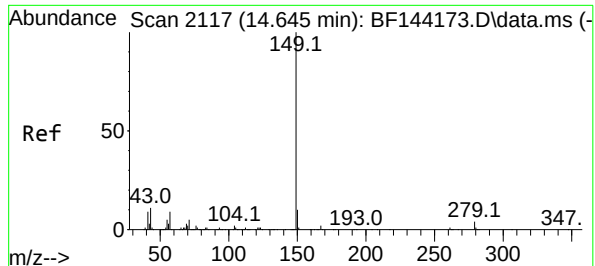
Tgt Ion:228 Resp: 456347
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 18.8 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.651 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 265384
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.6 3.7 5.5

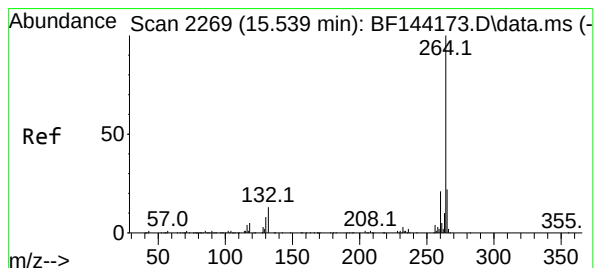
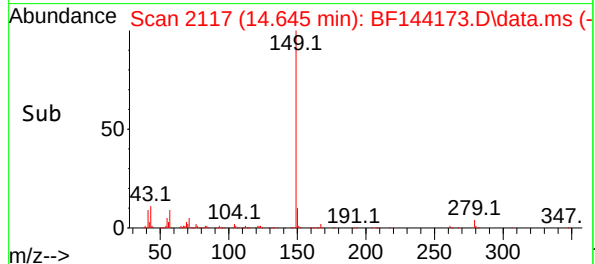
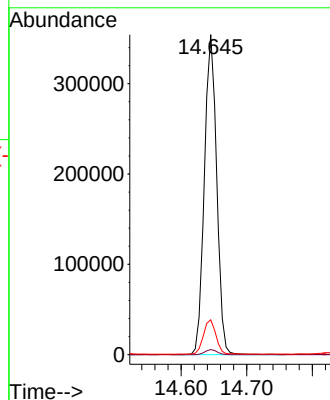
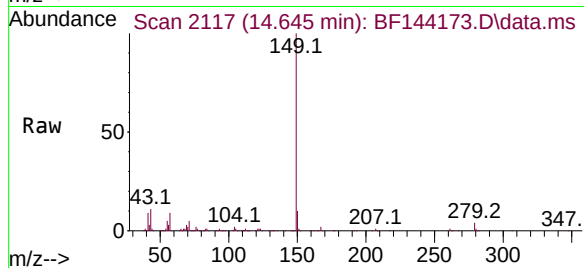




#85
Di-n-octyl phthalate
Concen: 42.739 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

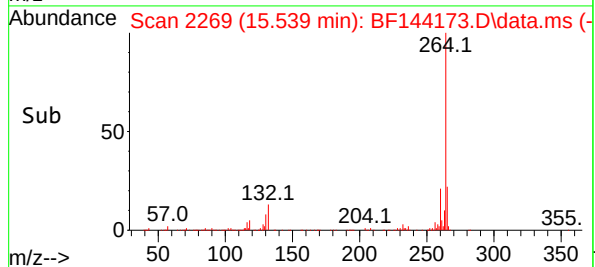
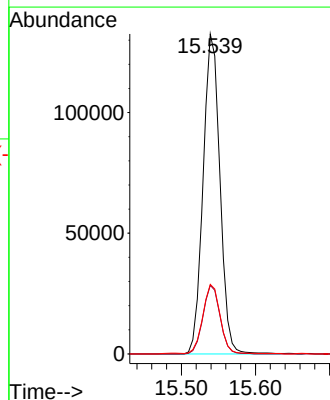
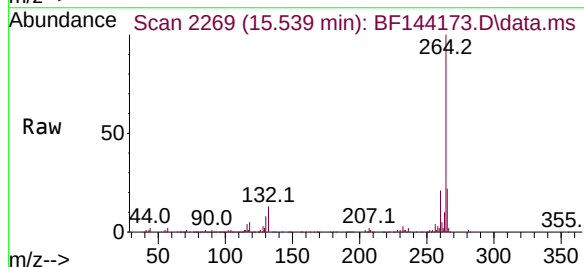
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

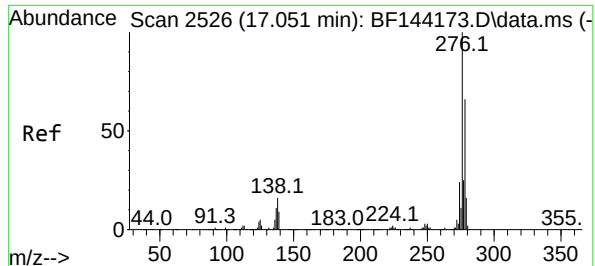
Tgt Ion:149 Resp: 458823
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:264 Resp: 208923
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.385 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

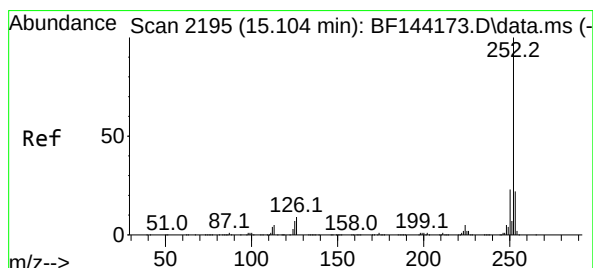
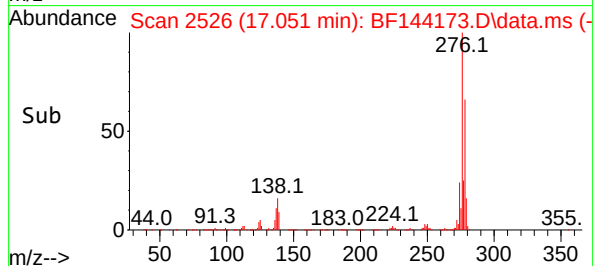
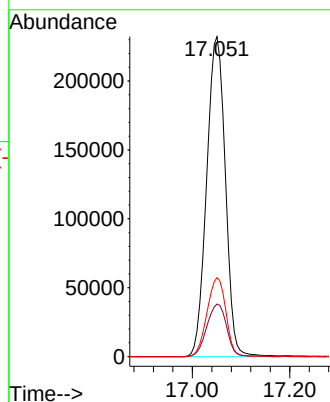
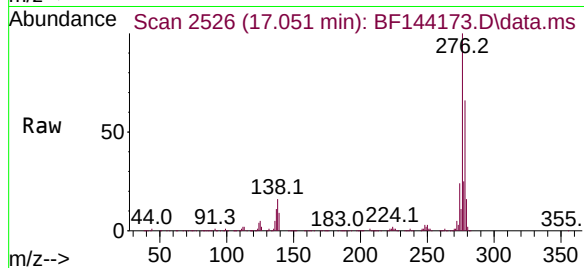
Tgt Ion:276 Resp: 620668

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.375 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

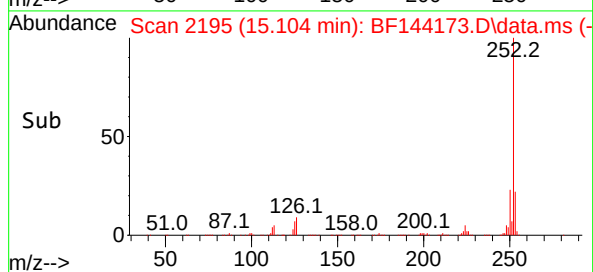
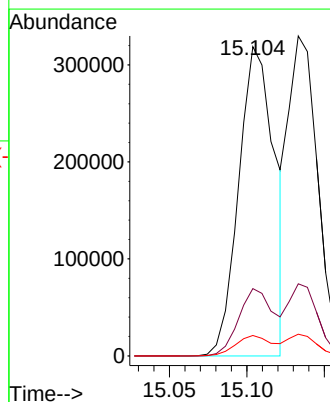
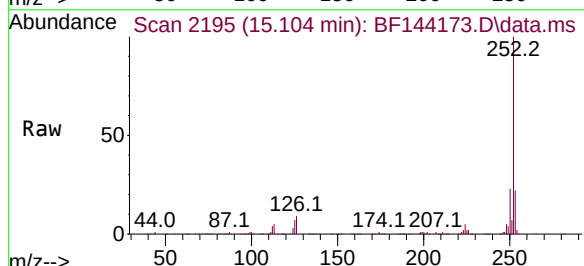
Tgt Ion:252 Resp: 515192

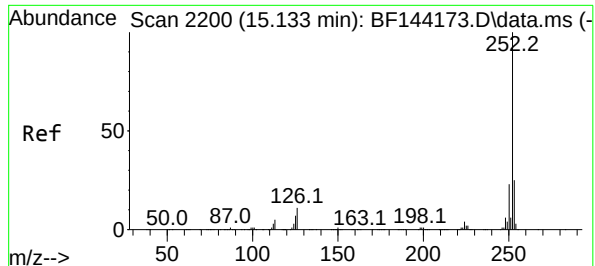
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.6 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 39.135 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

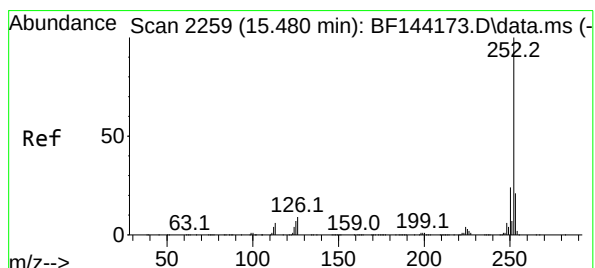
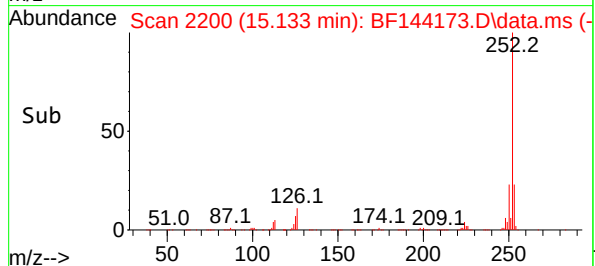
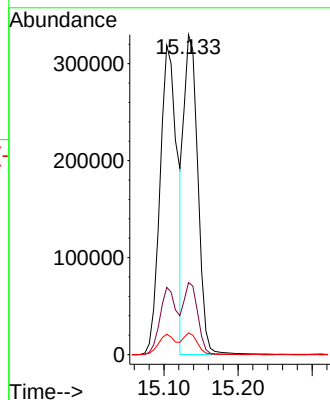
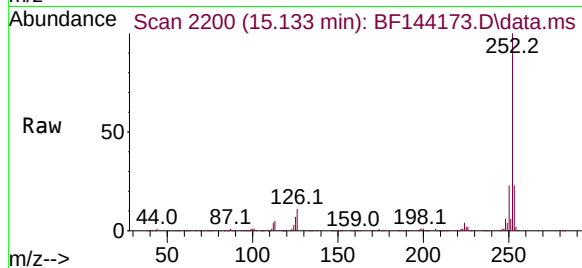
Tgt Ion:252 Resp: 435087

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 6.8 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.055 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

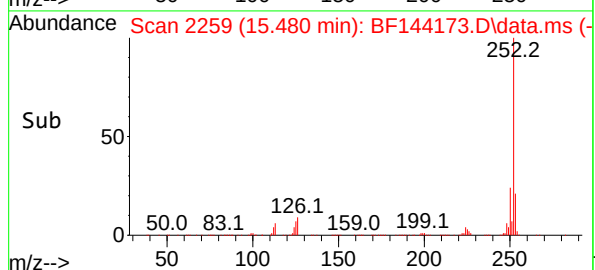
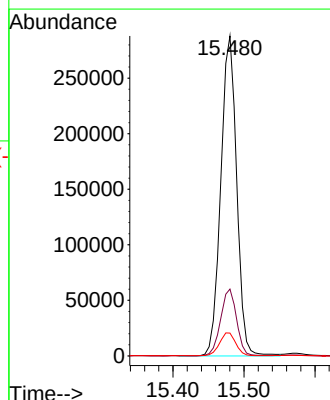
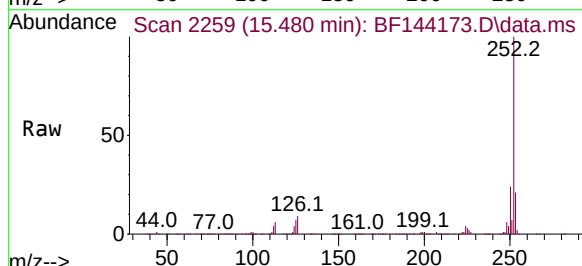
Tgt Ion:252 Resp: 449869

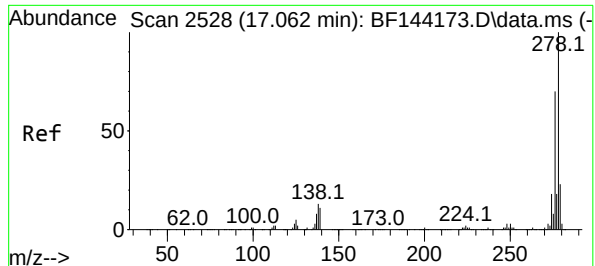
Ion Ratio Lower Upper

252 100

253 20.9 16.7 25.1

125 7.1 5.7 8.5

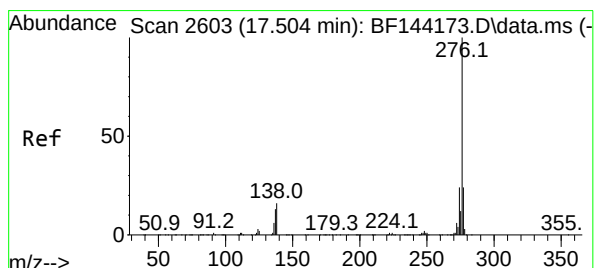
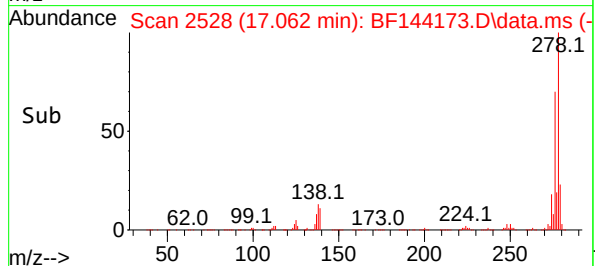
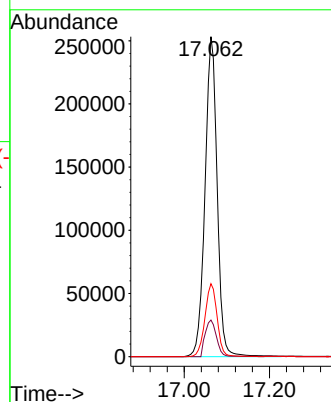
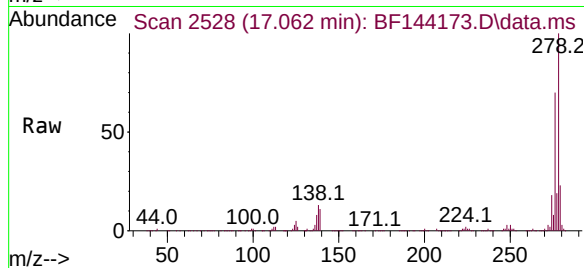




#91
Dibenzo(a,h)anthracene
Concen: 41.578 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

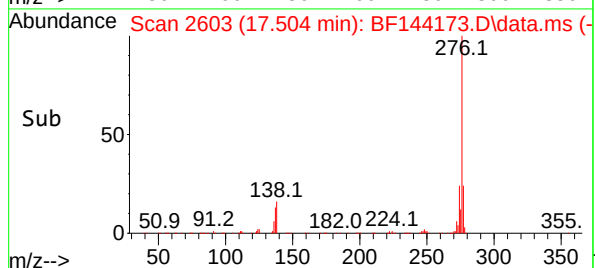
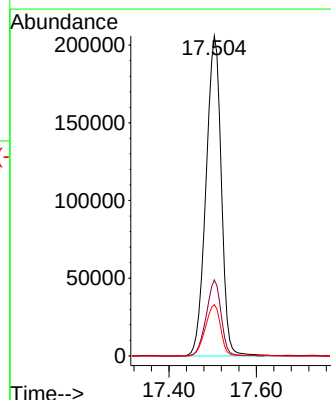
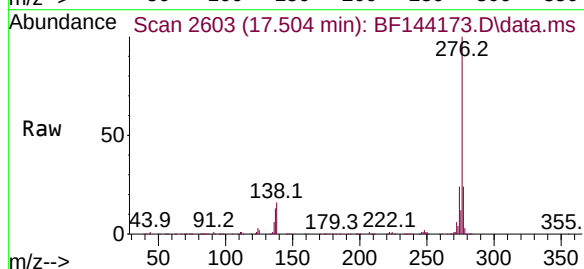
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 500778
Ion Ratio Lower Upper
278 100
139 11.4 9.1 13.7
279 22.8 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 41.843 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:276 Resp: 497680
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 16.1 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng	0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng	0.00
86) Perylene-d12	15.545	264	264861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	489170	90.538	ng	0.00
7) Phenol-d6	6.504	99	541465	88.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng	0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng	97
3) Pyridine	3.375	79	291313	46.746	ng	98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng	98
6) Aniline	6.540	93	389058	44.605	ng	99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng	99
9) Benzaldehyde	6.428	77	141949	41.062	ng	97
10) Phenol	6.522	94	330203	44.146	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng	97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng	98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng	100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng	99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng	98
17) 2-Methylphenol	7.128	107	189260	44.899	ng	100
18) Hexachloroethane	7.387	117	98682	45.346	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng	95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng	92
22) Acetophenone	7.287	105	297391	44.230	ng	96
24) Nitrobenzene	7.463	77	268336	45.541	ng	98
25) Isophorone	7.698	82	455511	44.376	ng	98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng	97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng	98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng	99
31) Naphthalene	8.181	128	665821	44.658	ng	99
32) Benzoic acid	7.928	122	129332	40.359	ng	98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng	99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng	98
35) Caprolactam	8.604	113	58430	42.327	ng	# 88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng	96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng	99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng	98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

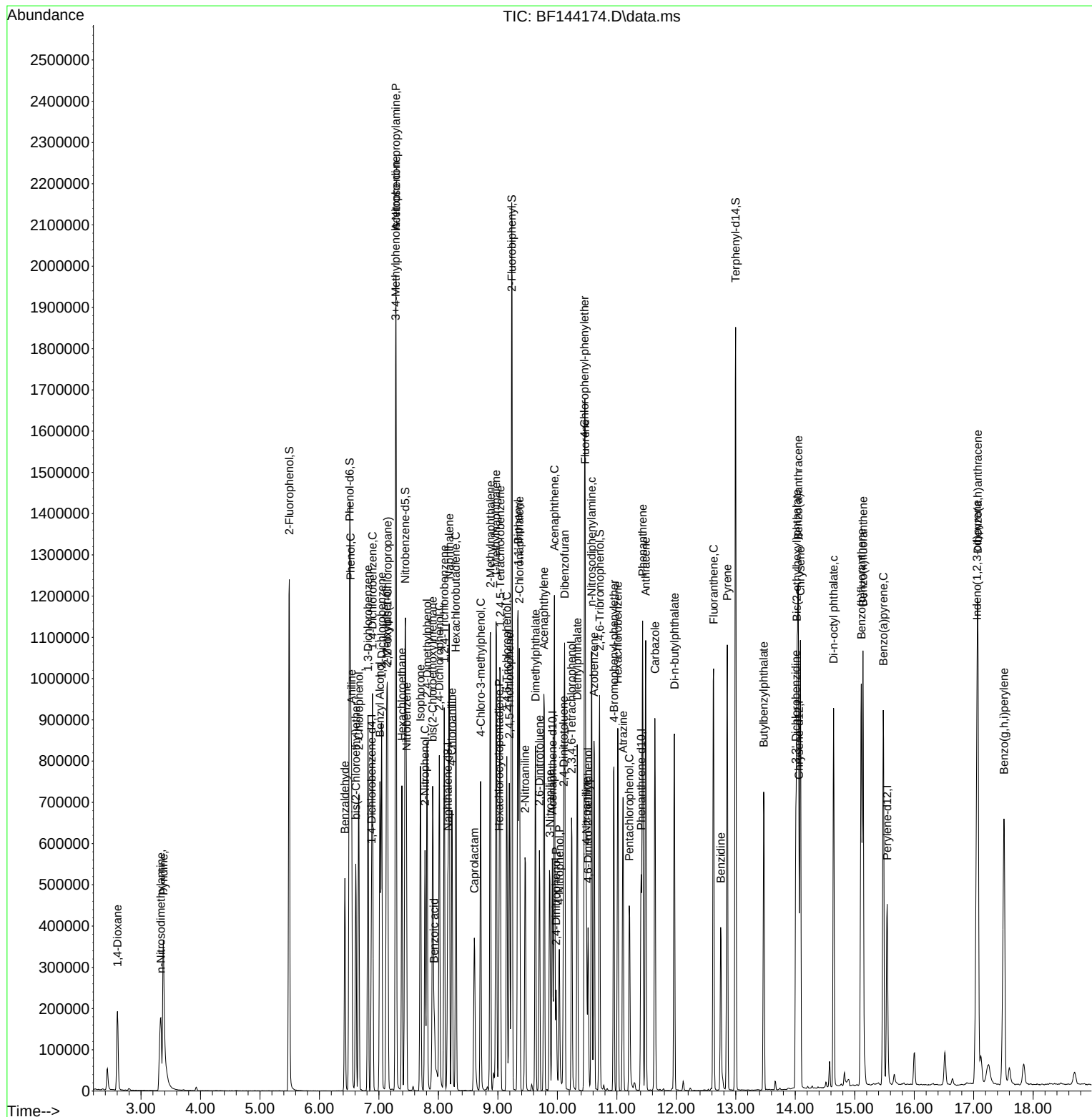
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	99
50) Dimethylphthalate	9.633	163	497451	44.094	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892	ng	99
52) Acenaphthene	9.951	154	407187	44.067	ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012	ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007	ng	97
55) Dibenzofuran	10.122	168	569268	43.989	ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544	ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629	ng	98
58) Fluorene	10.469	166	424429	43.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453	ng	98
60) Diethylphthalate	10.333	149	457569	43.997	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242650	43.294	ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557	ng	97
63) Azobenzene	10.616	77	423631	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606	ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364	ng	97
69) Atrazine	11.104	200	127465	43.906	ng	99
70) Pentachlorophenol	11.210	266	96941	45.622	ng	97
71) Phenanthrene	11.433	178	633088	44.800	ng	100
72) Anthracene	11.486	178	636448	44.292	ng	99
73) Carbazole	11.639	167	540957	44.273	ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060	ng	100
75) Fluoranthene	12.627	202	645856	44.244	ng	99
77) Benzidine	12.745	184	248615	43.243	ng	99
78) Pyrene	12.857	202	666673	42.540	ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440	ng	97
83) Chrysene	14.086	228	565678	45.489	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061	ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642	ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079	ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952	ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098	ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152	ng	99

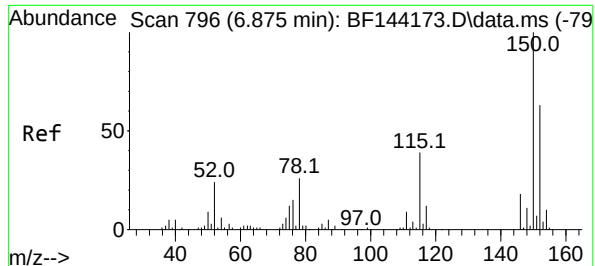
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

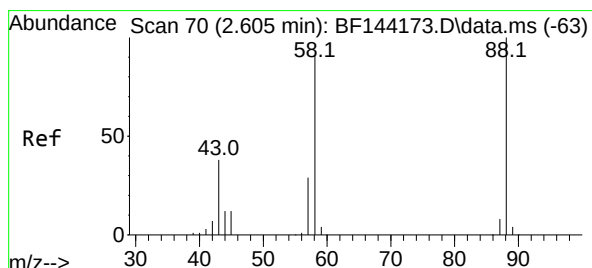
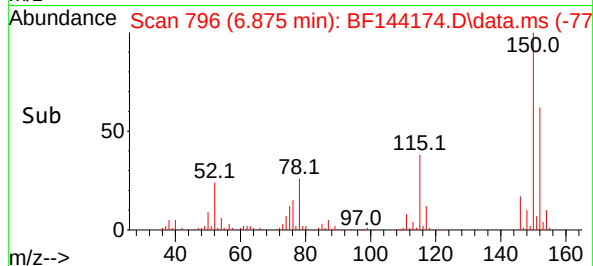
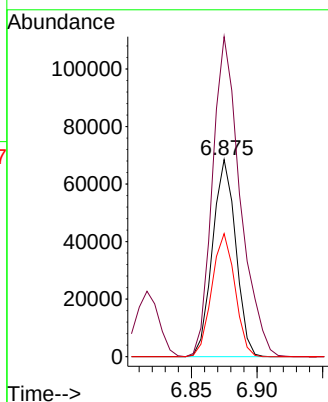
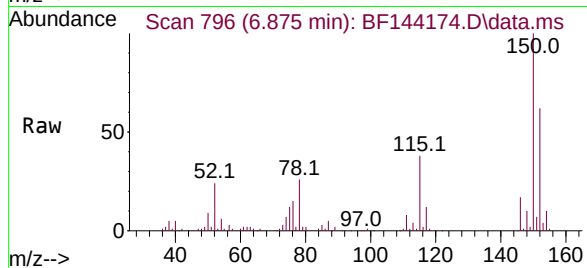




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

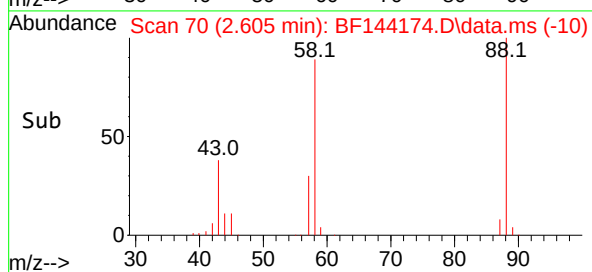
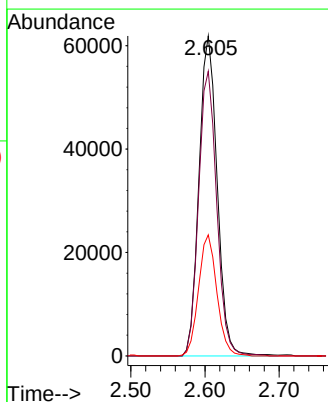
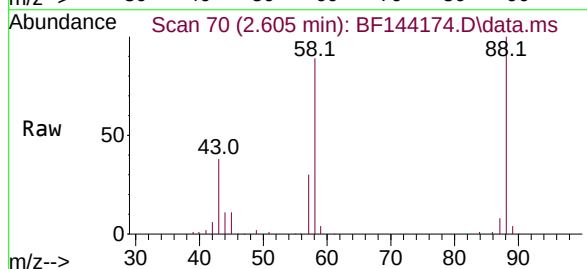
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ClientSampleId :
SSTDICC050

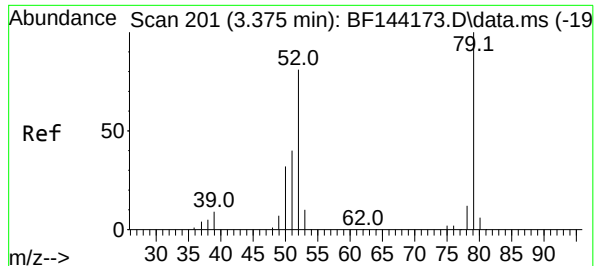
Tgt Ion:152 Resp: 84549
Ion Ratio Lower Upper
152 100
150 162.4 127.4 191.0
115 62.4 49.5 74.3



#2
1,4-Dioxane
Concen: 47.358 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 88 Resp: 105785
Ion Ratio Lower Upper
88 100
58 88.5 73.1 109.7
43 38.0 31.0 46.6





#3

Pyridine

Concen: 46.746 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

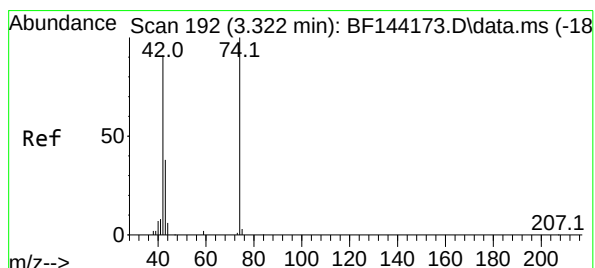
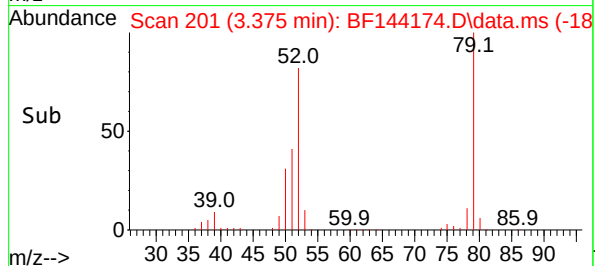
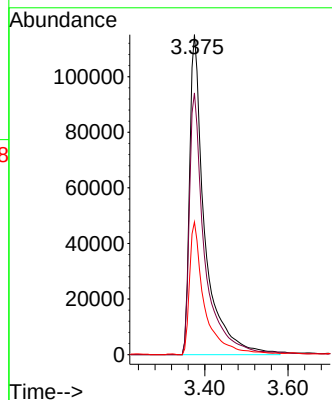
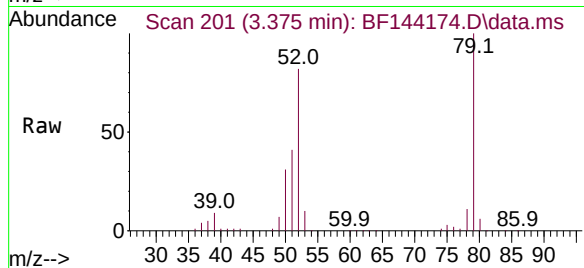
Tgt Ion: 79 Resp: 291313

Ion Ratio Lower Upper

79 100

52 81.8 64.5 96.7

51 41.4 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 46.930 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

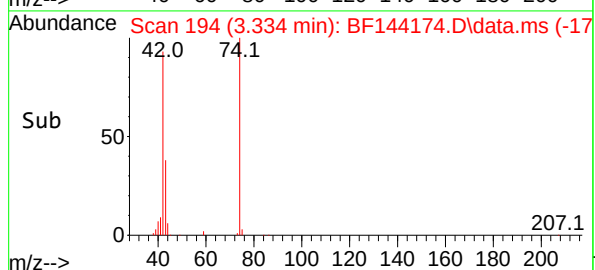
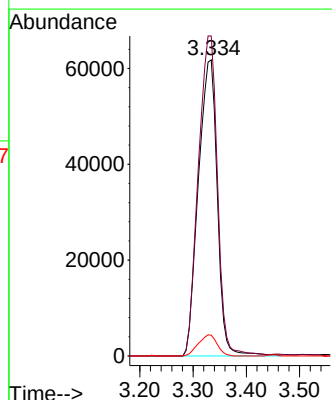
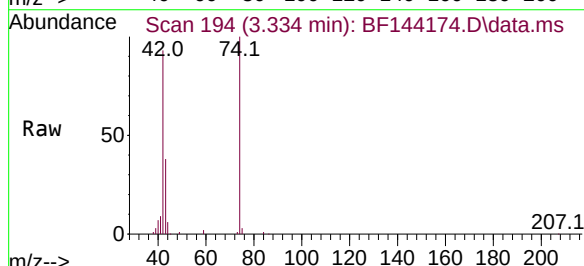
Tgt Ion: 42 Resp: 152767

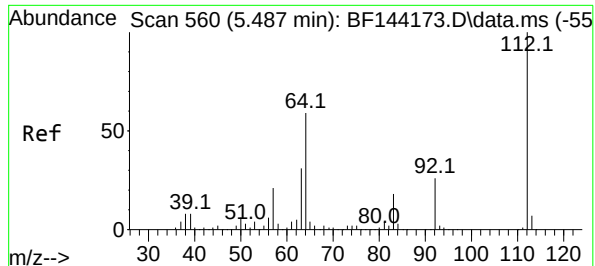
Ion Ratio Lower Upper

42 100

74 108.1 88.2 132.4

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 90.538 ng

RT: 5.493 min Scan# 561

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

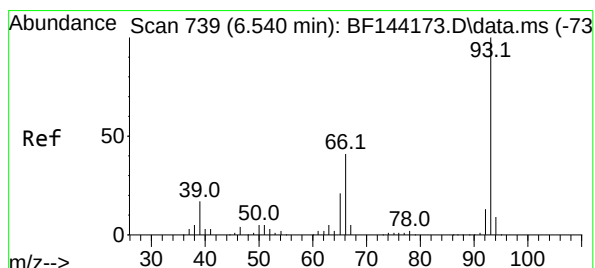
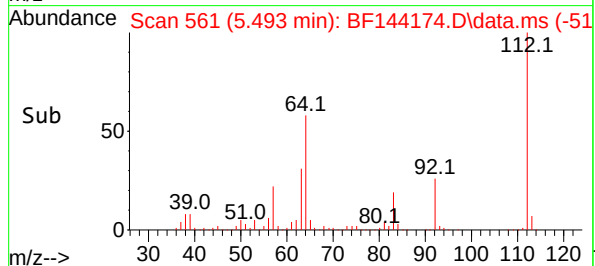
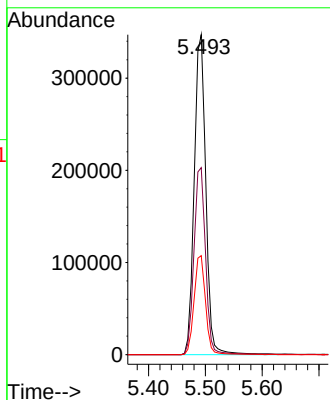
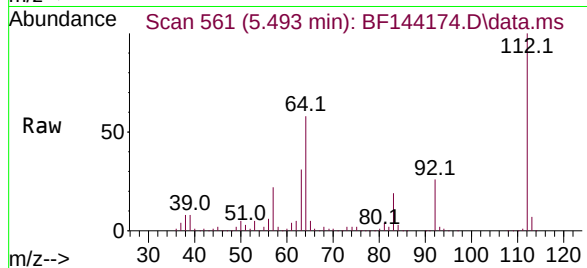
Tgt Ion:112 Resp: 489170

Ion Ratio Lower Upper

112 100

64 58.4 47.2 70.8

63 30.9 24.4 36.6



#6

Aniline

Concen: 44.605 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

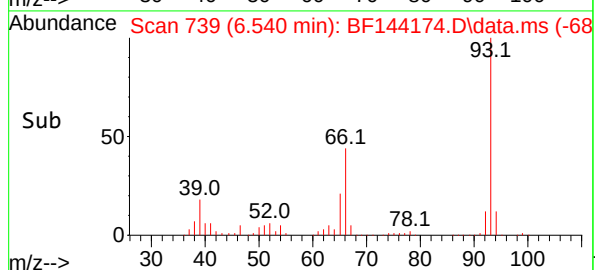
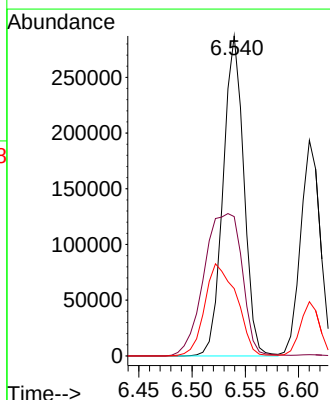
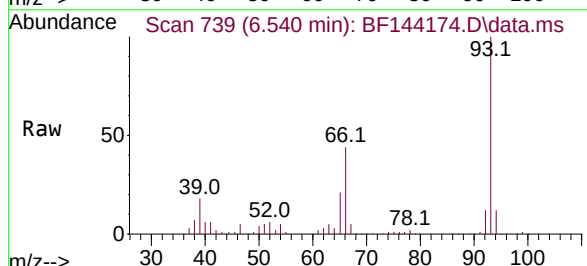
Tgt Ion: 93 Resp: 389058

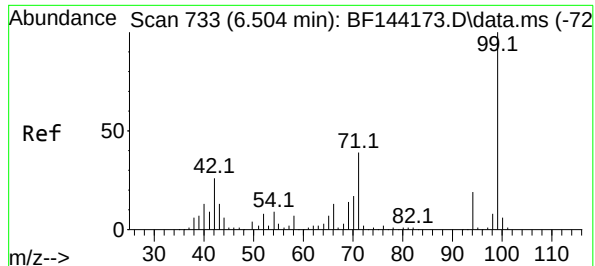
Ion Ratio Lower Upper

93 100

66 43.5 34.3 51.5

65 21.0 16.9 25.3





#7

Phenol-d6

Concen: 88.447 ng

RT: 6.504 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

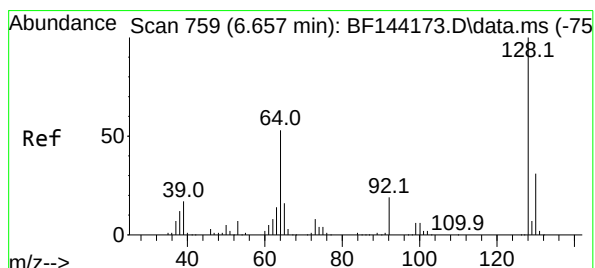
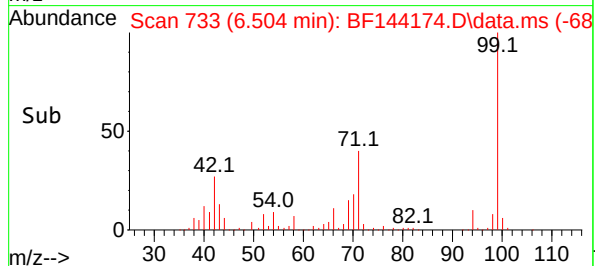
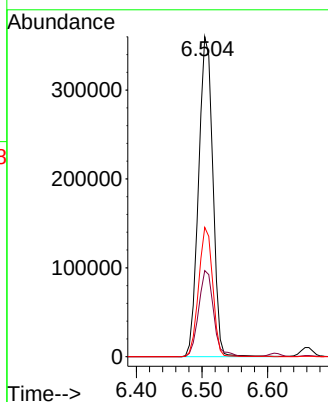
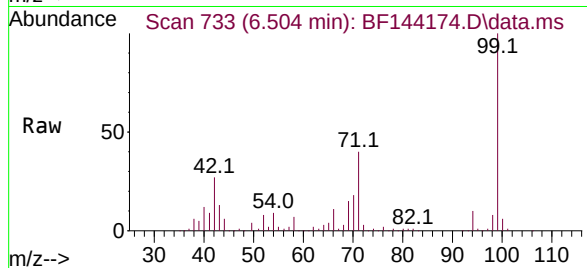
Tgt Ion: 99 Resp: 541465

Ion Ratio Lower Upper

99 100

42 26.9 20.9 31.3

71 40.4 31.4 47.2



#8

2-Chlorophenol

Concen: 45.950 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

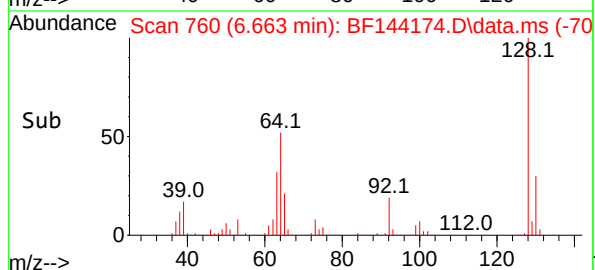
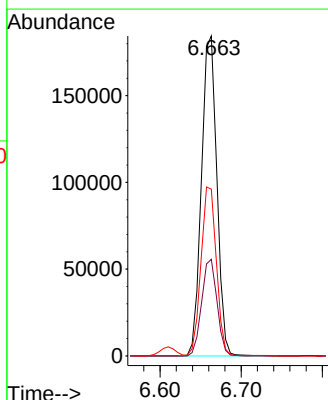
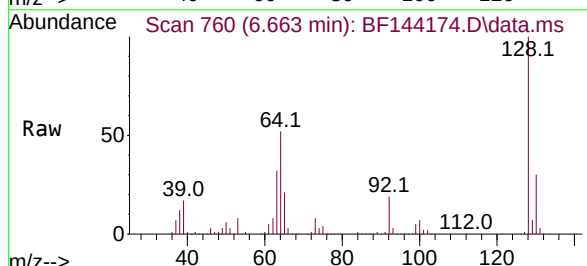
Tgt Ion: 128 Resp: 243472

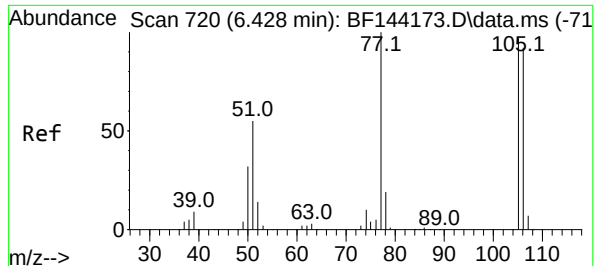
Ion Ratio Lower Upper

128 100

130 30.2 10.5 50.5

64 52.1 33.2 73.2





#9

Benzaldehyde

Concen: 41.062 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

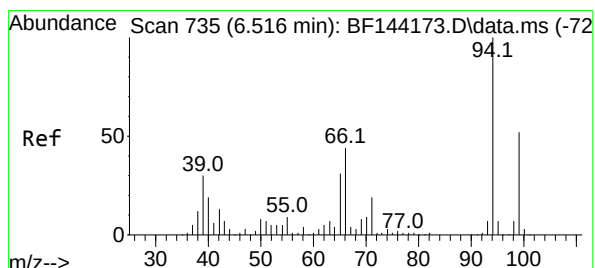
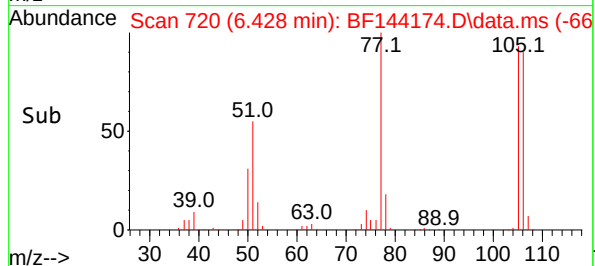
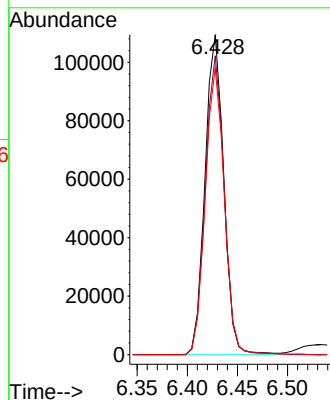
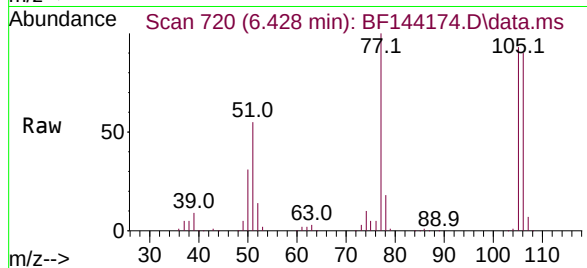
Tgt Ion: 77 Resp: 141949

Ion Ratio Lower Upper

77 100

105 93.4 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 44.146 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

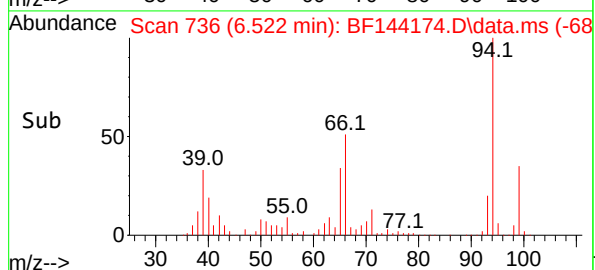
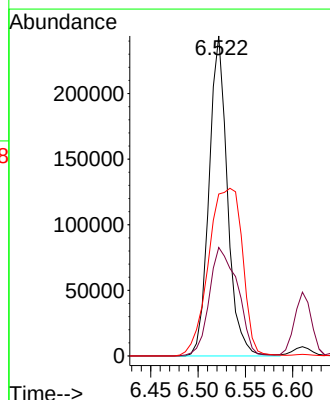
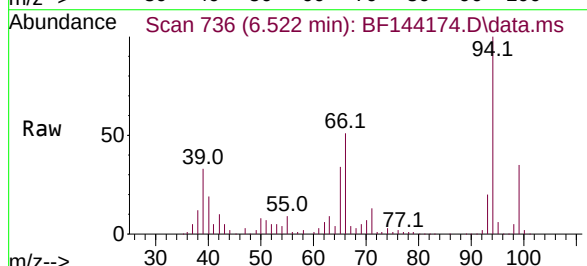
Tgt Ion: 94 Resp: 330203

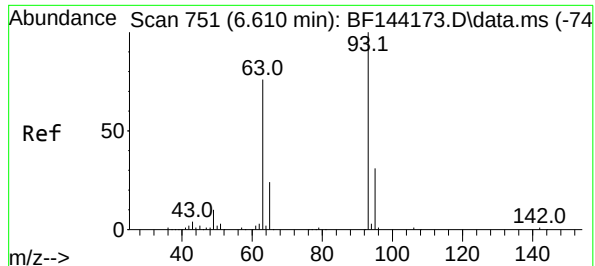
Ion Ratio Lower Upper

94 100

65 33.9 10.8 50.8

66 50.6 24.3 64.3

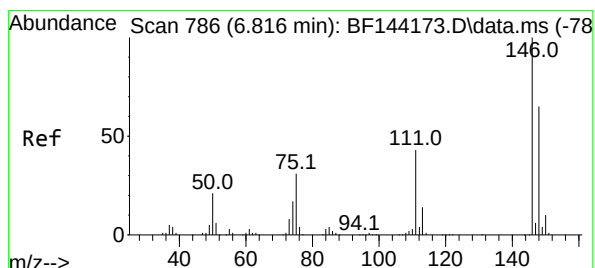
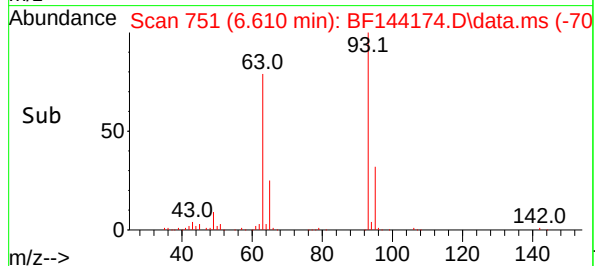
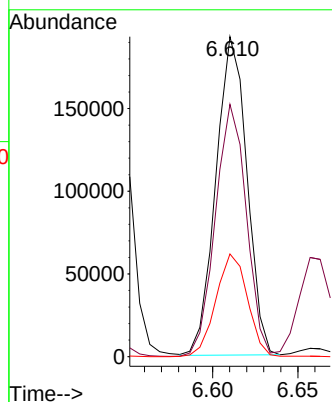
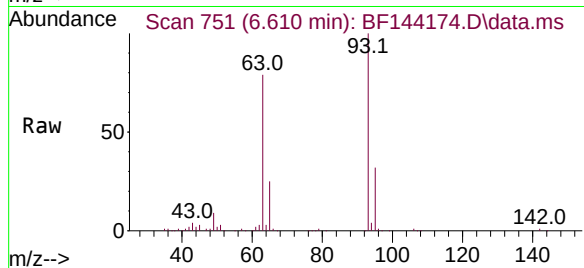




#11
bis(2-Chloroethyl)ether
Concen: 44.798 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

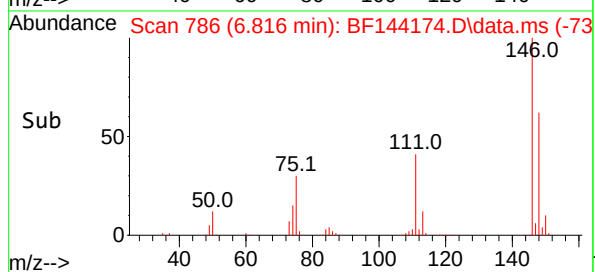
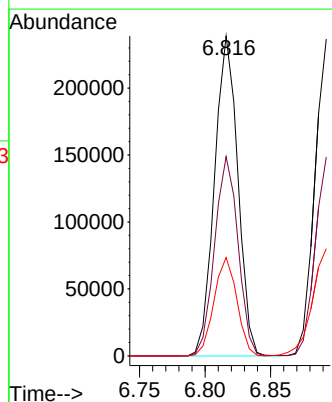
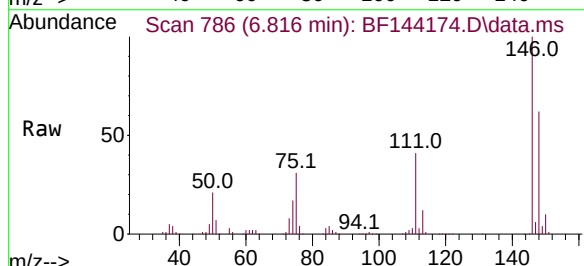
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

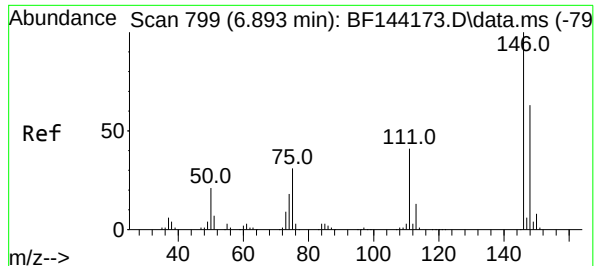
Tgt Ion: 93 Resp: 244159
Ion Ratio Lower Upper
93 100
63 78.8 55.2 95.2
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.164 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 146 Resp: 295294
Ion Ratio Lower Upper
146 100
148 62.3 51.8 77.8
75 30.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 44.277 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

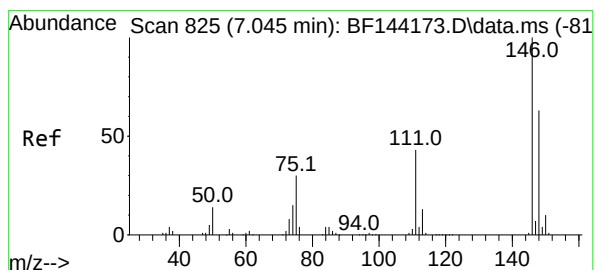
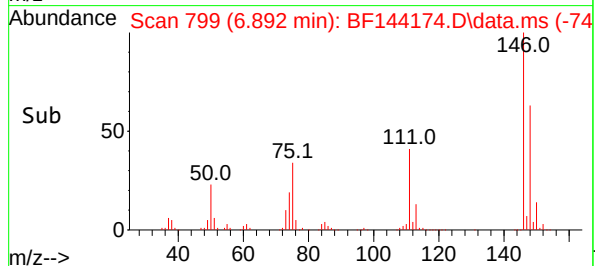
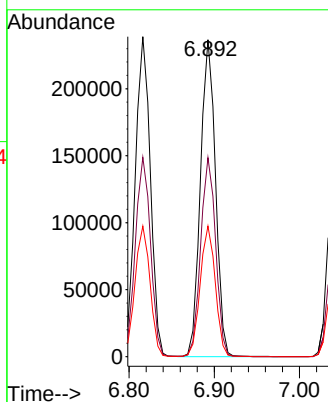
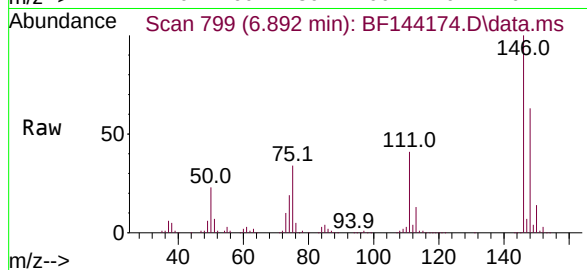
Tgt Ion:146 Resp: 290027

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 41.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.609 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

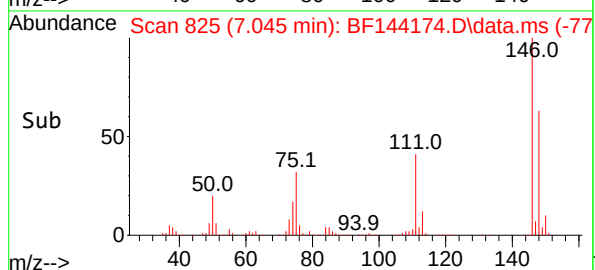
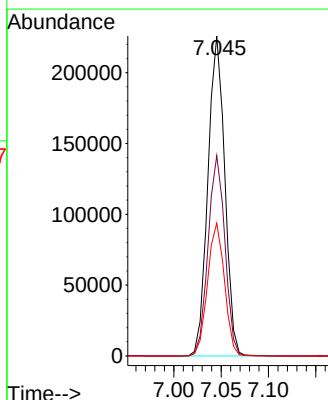
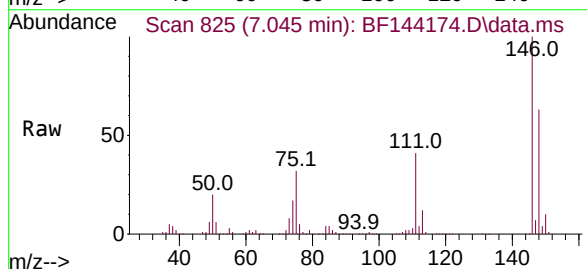
Tgt Ion:146 Resp: 280070

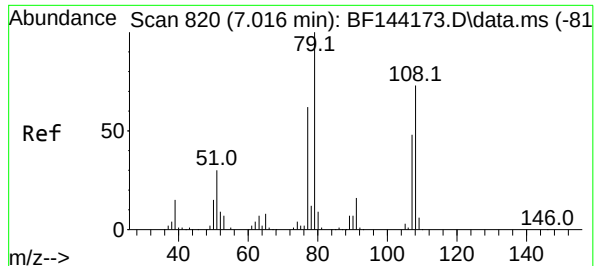
Ion Ratio Lower Upper

146 100

148 62.6 50.7 76.1

111 41.5 34.2 51.4

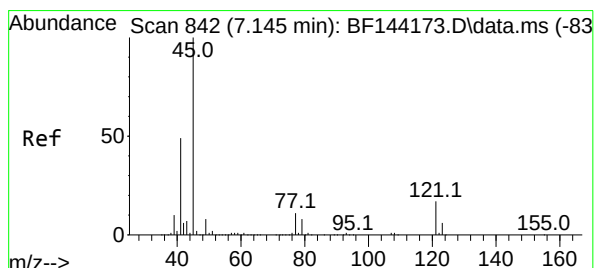
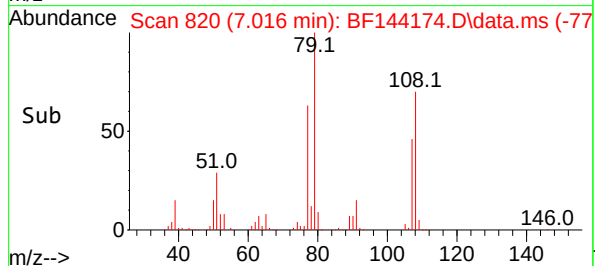
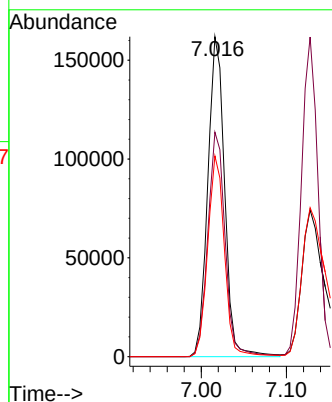
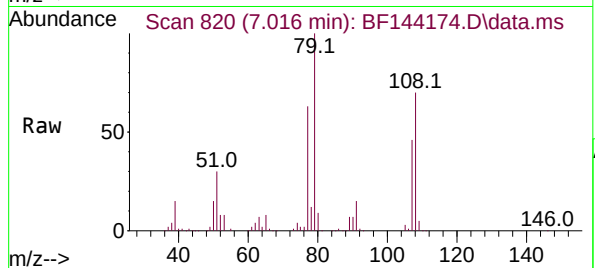




#15
Benzyl Alcohol
Concen: 45.762 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

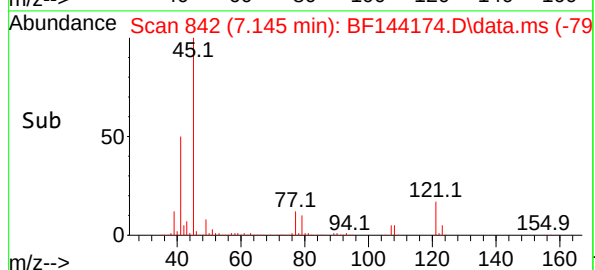
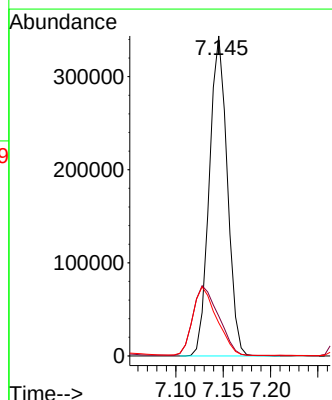
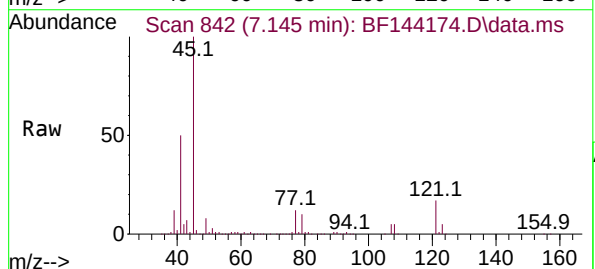
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

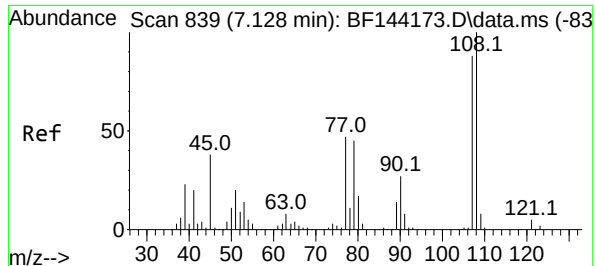
Tgt Ion: 79 Resp: 221836
Ion Ratio Lower Upper
79 100
108 70.1 58.2 87.4
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.212 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 45 Resp: 453774
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 10.3 0.0 29.1

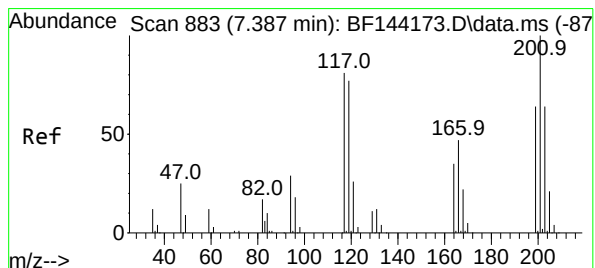
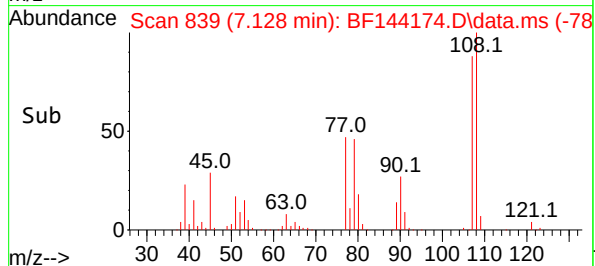
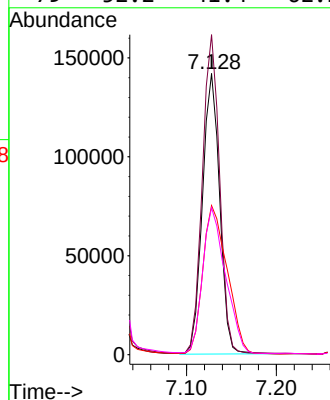
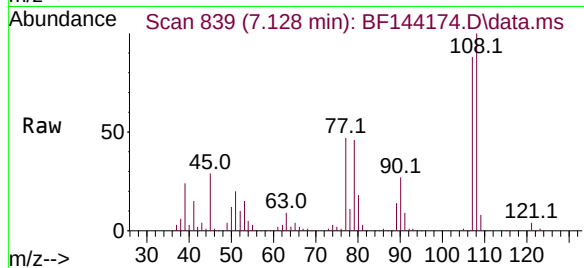




#17
2-Methylphenol
Concen: 44.899 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

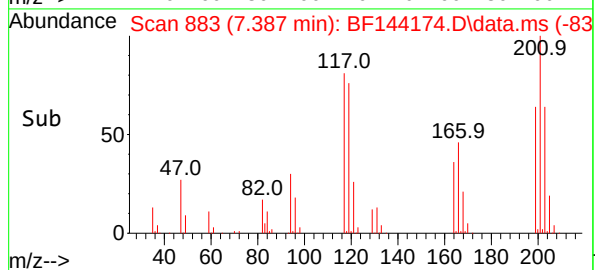
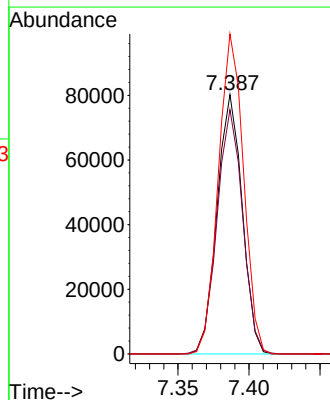
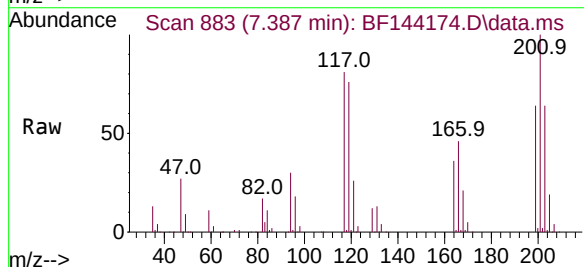
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

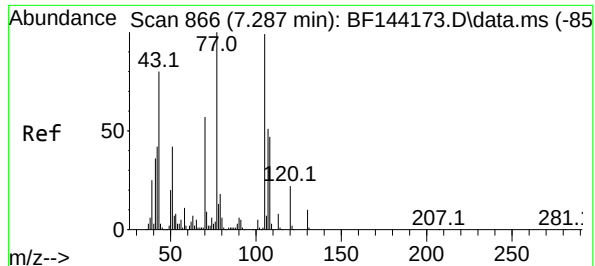
Tgt Ion:107 Resp: 189260
Ion Ratio Lower Upper
107 100
108 113.9 91.0 136.4
77 53.1 42.7 64.1
79 52.2 41.4 62.2



#18
Hexachloroethane
Concen: 45.346 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:117 Resp: 98682
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 123.4 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.657 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 171911

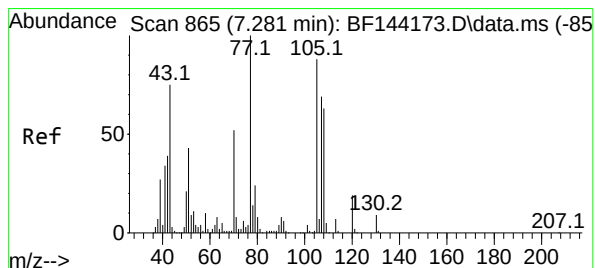
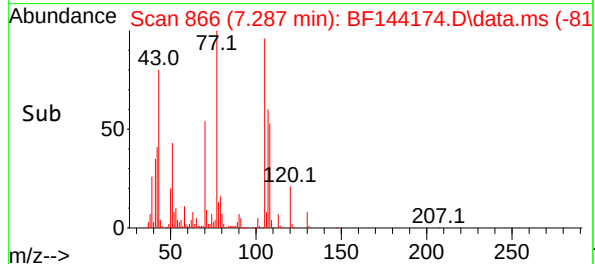
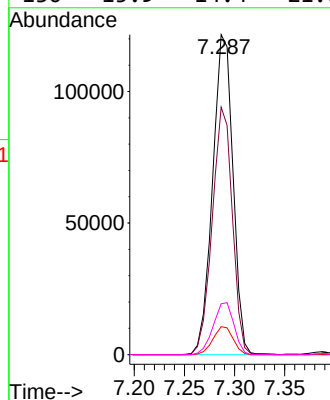
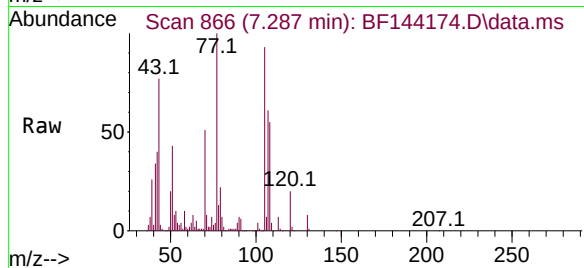
Ion Ratio Lower Upper

70 100

42 77.3 58.3 87.5

101 8.7 7.0 10.6

130 15.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 43.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion: 107 Resp: 217734

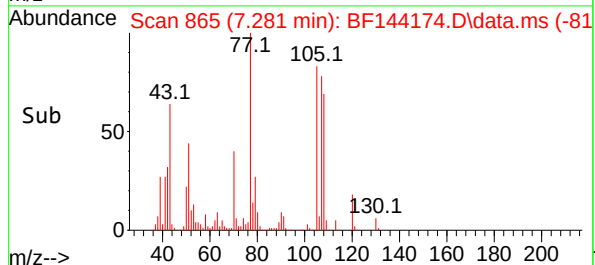
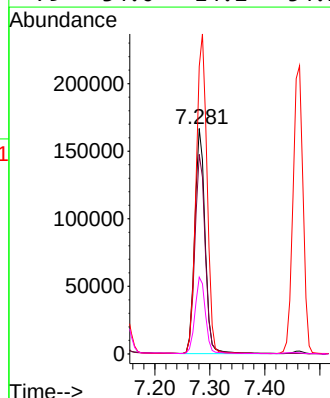
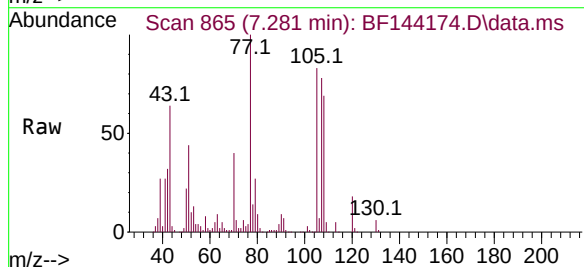
Ion Ratio Lower Upper

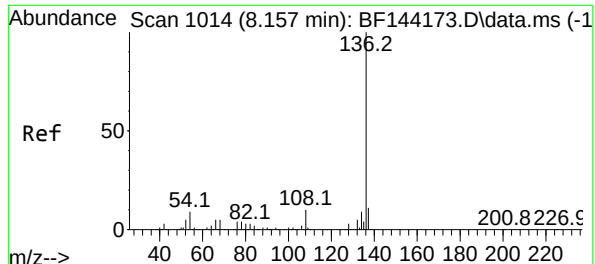
107 100

108 88.5 70.2 110.2

77 127.5 123.9 163.9

79 34.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 313425

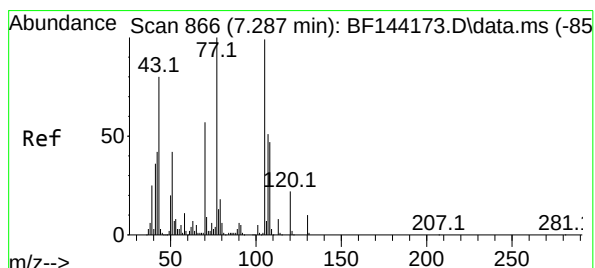
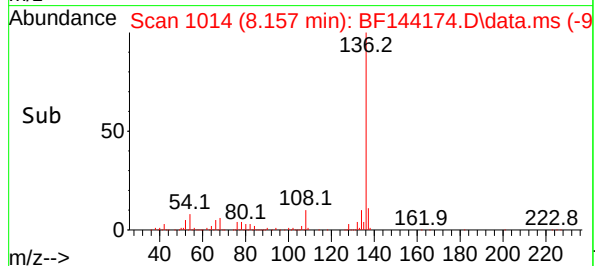
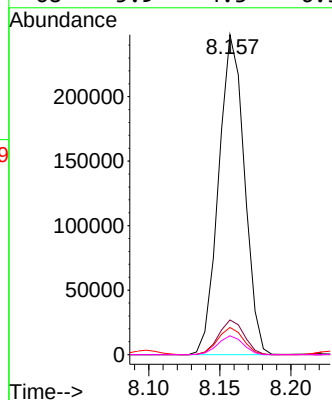
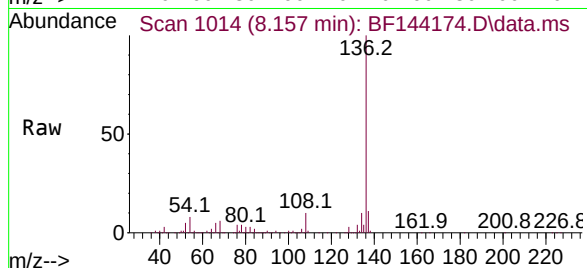
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.9 4.3 6.5



#22

Acetophenone

Concen: 44.230 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:105 Resp: 297391

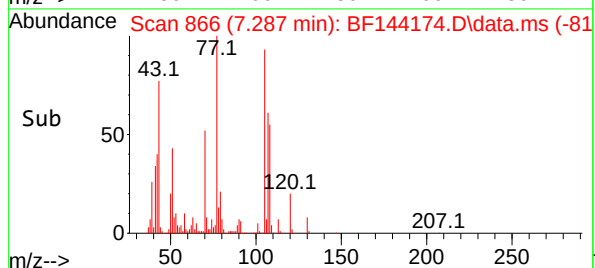
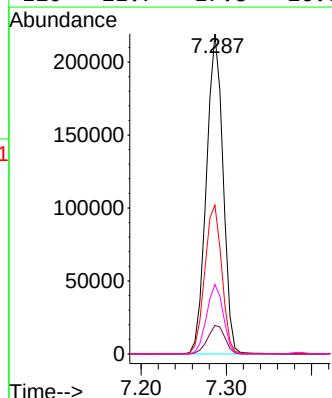
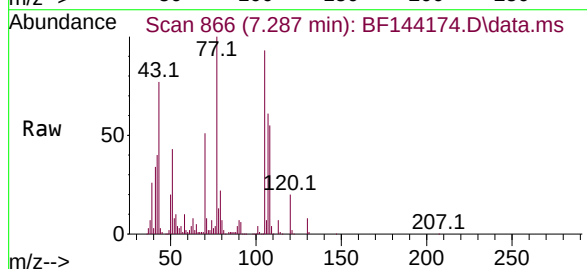
Ion Ratio Lower Upper

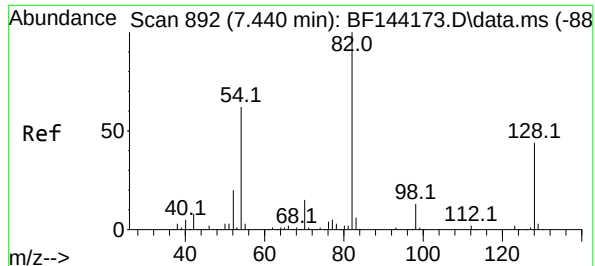
105 100

71 8.9 7.2 10.8

51 46.5 34.0 51.0

120 21.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 92.595 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

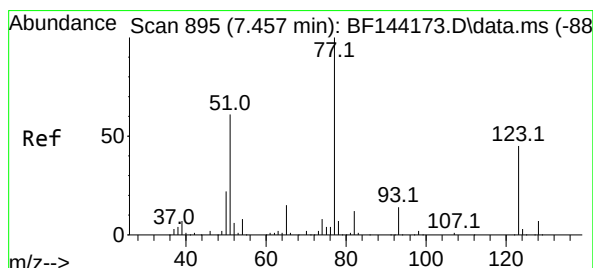
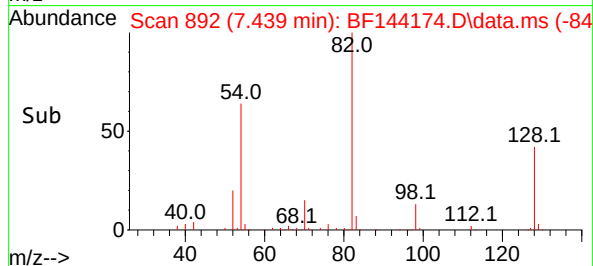
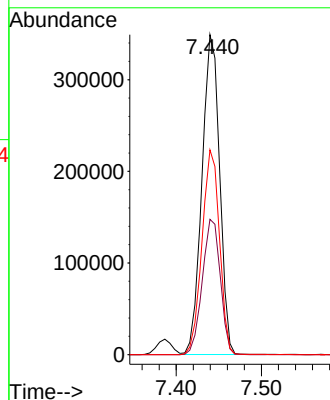
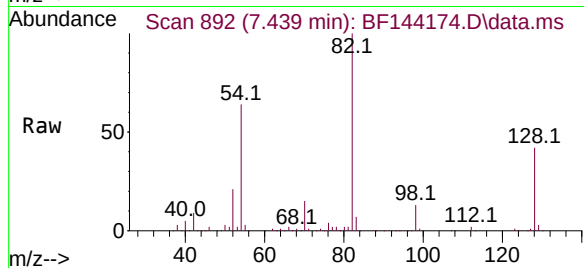
Tgt Ion: 82 Resp: 502493

Ion Ratio Lower Upper

82 100

128 42.3 34.7 52.1

54 64.0 49.5 74.3



#24

Nitrobenzene

Concen: 45.541 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

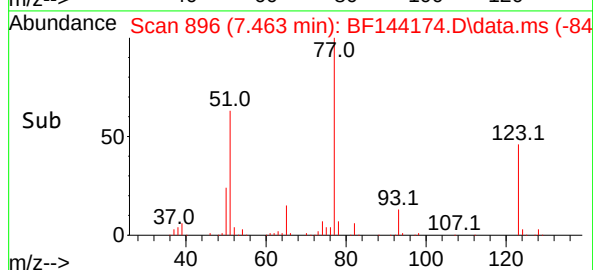
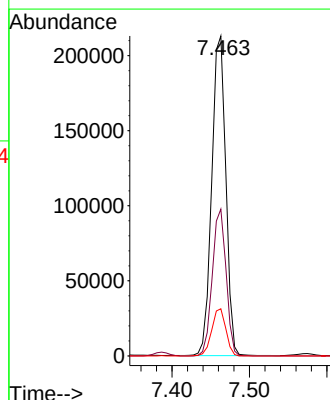
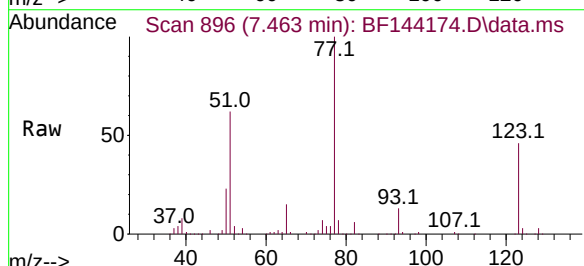
Tgt Ion: 77 Resp: 268336

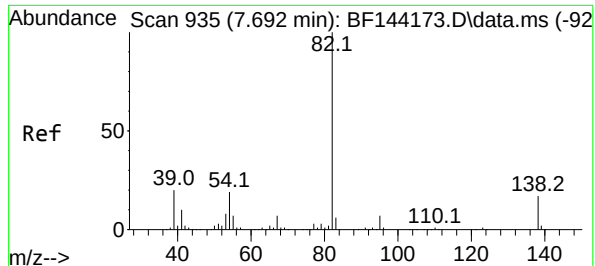
Ion Ratio Lower Upper

77 100

123 45.9 35.8 53.8

65 14.7 12.2 18.2





#25

Isophorone

Concen: 44.376 ng

RT: 7.698 min Scan# 935

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

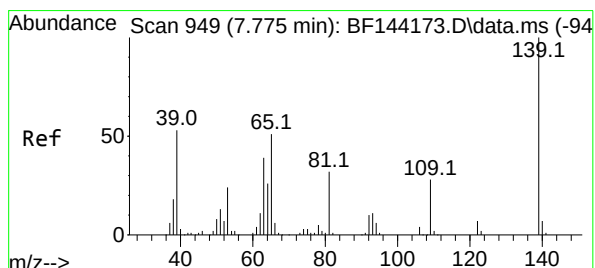
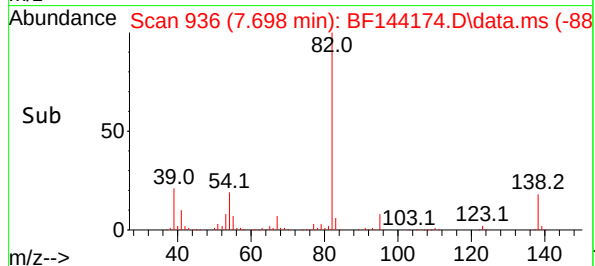
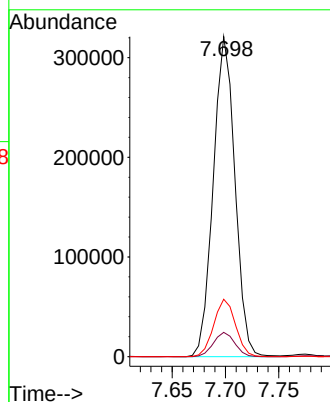
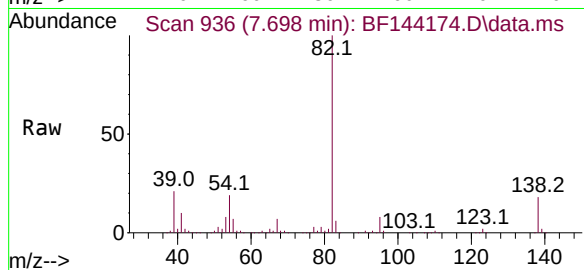
Tgt Ion: 82 Resp: 455511

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 17.9 13.7 20.5



#26

2-Nitrophenol

Concen: 46.747 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

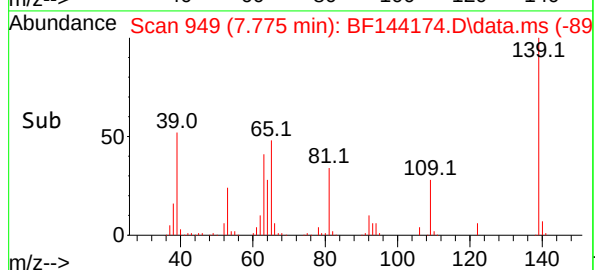
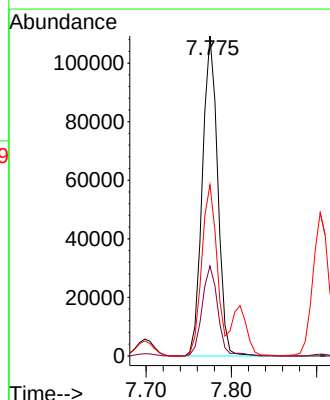
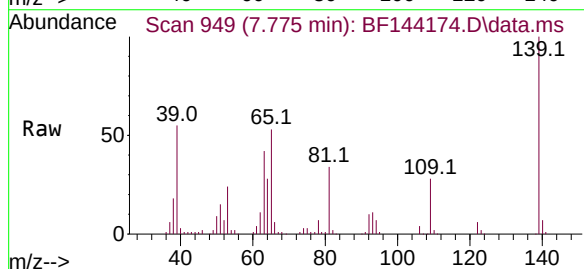
Tgt Ion:139 Resp: 136351

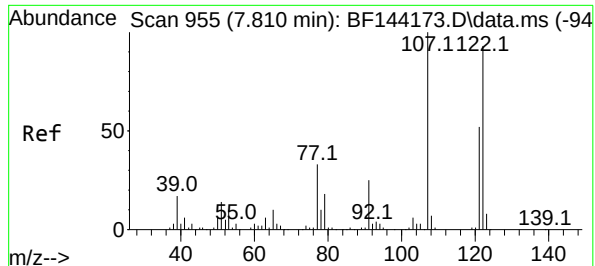
Ion Ratio Lower Upper

139 100

109 28.1 22.2 33.2

65 53.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.681 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

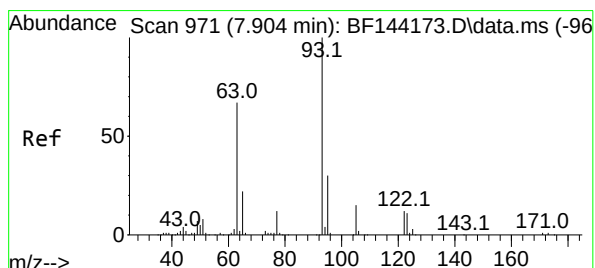
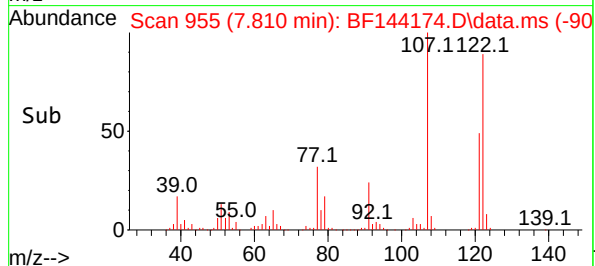
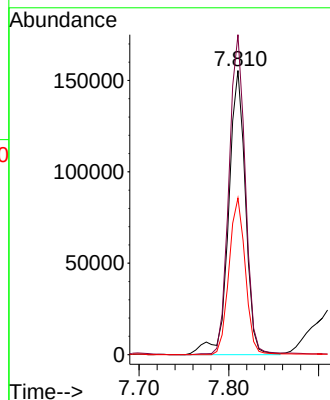
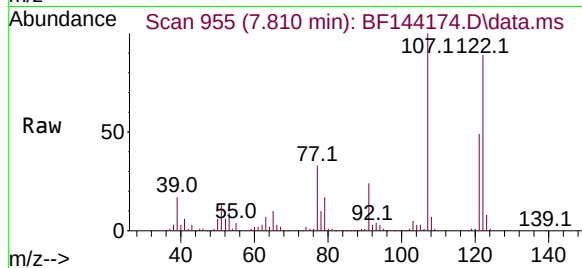
Tgt Ion:122 Resp: 204079

Ion Ratio Lower Upper

122 100

107 112.6 86.2 129.4

121 55.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.429 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

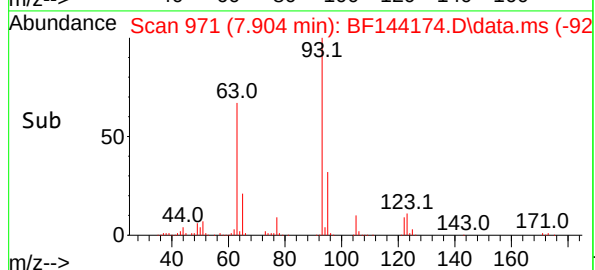
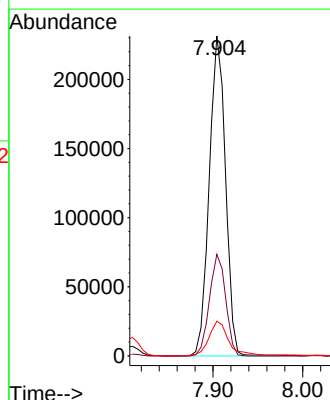
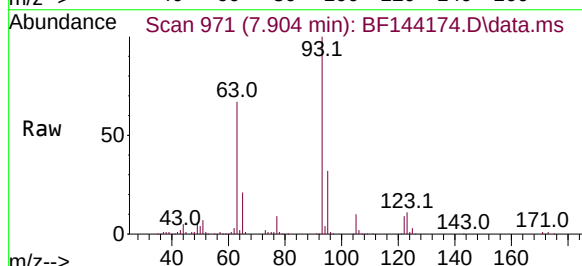
Tgt Ion: 93 Resp: 291202

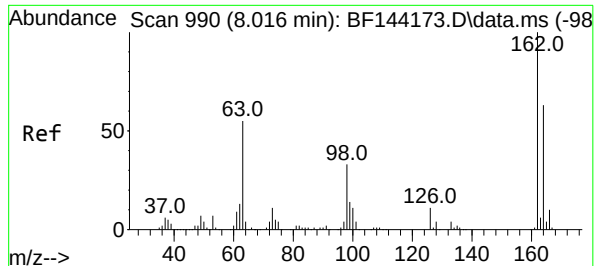
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.001 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

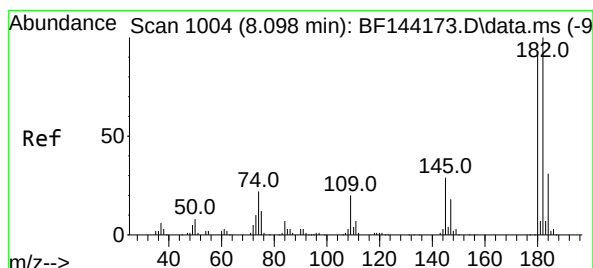
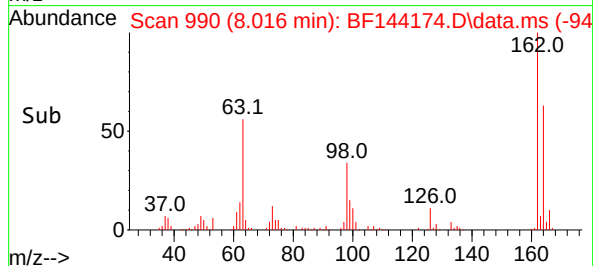
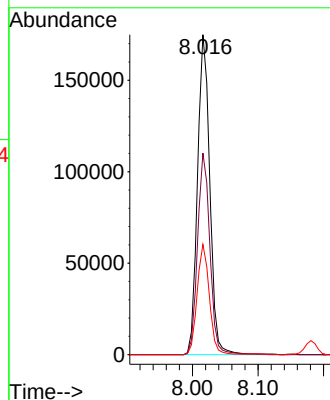
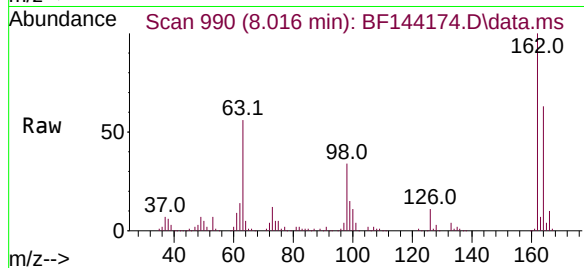
Tgt Ion:162 Resp: 226748

Ion Ratio Lower Upper

162 100

164 63.0 42.9 82.9

98 34.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 44.838 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

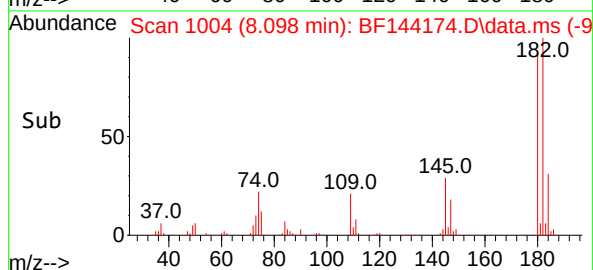
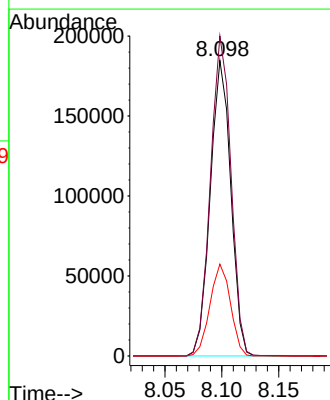
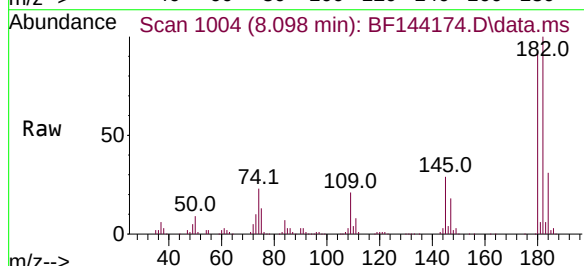
Tgt Ion:180 Resp: 231992

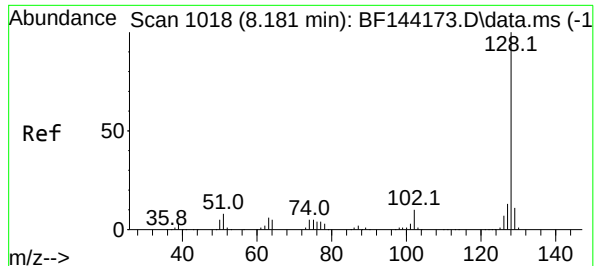
Ion Ratio Lower Upper

180 100

182 108.3 87.7 131.5

145 31.1 25.4 38.0

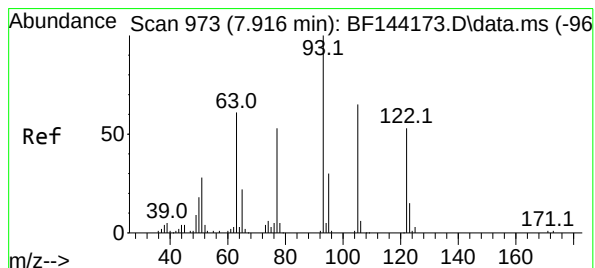
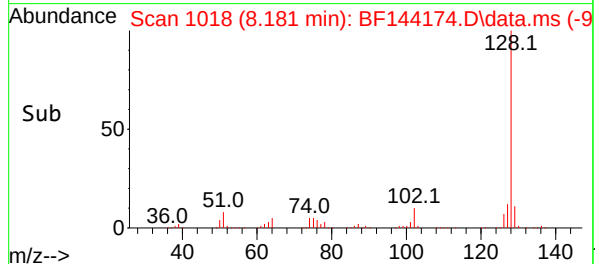
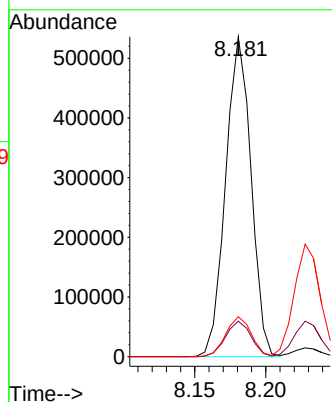
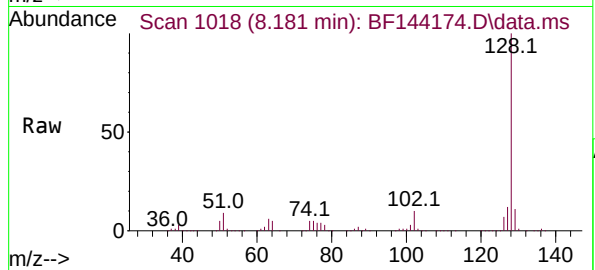




#31
Naphthalene
Concen: 44.658 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

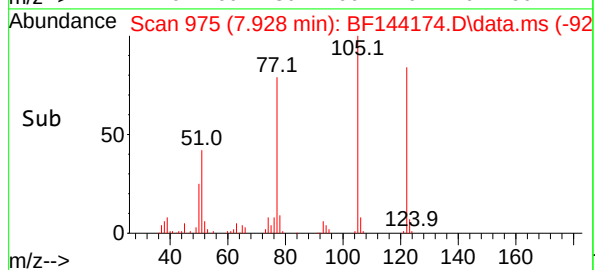
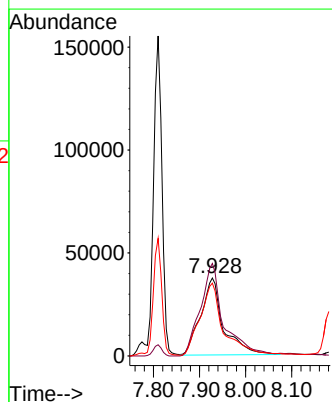
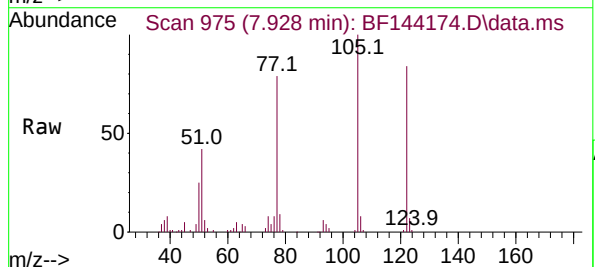
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

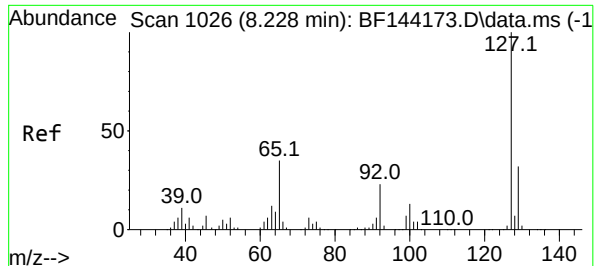
Tgt Ion:128 Resp: 665821
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 40.359 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:122 Resp: 129332
Ion Ratio Lower Upper
122 100
105 118.8 99.9 139.9
77 93.6 77.5 117.5





#33

4-Chloroaniline

Concen: 44.496 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 241956

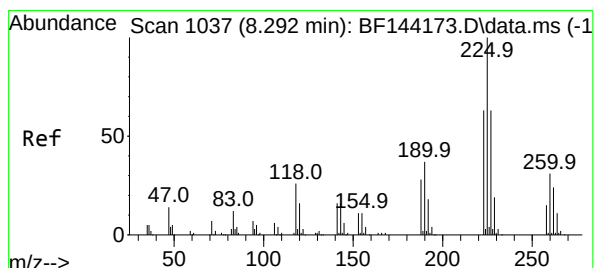
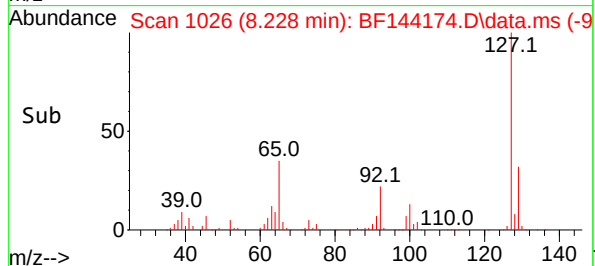
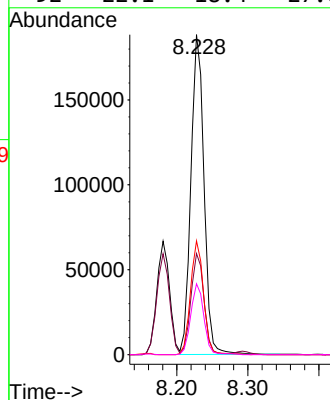
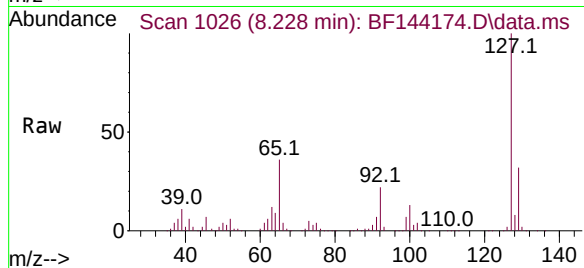
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 35.5 27.6 41.4

92 22.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 46.562 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

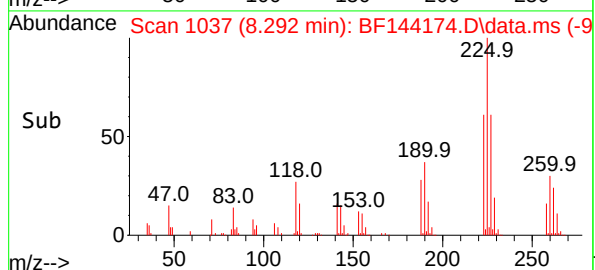
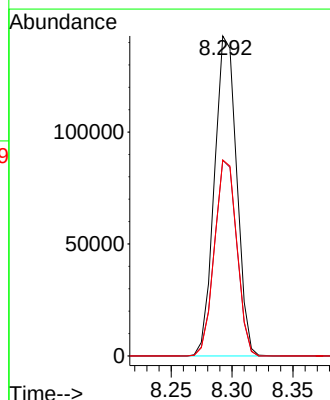
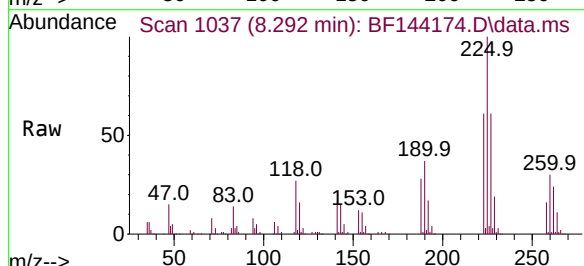
Tgt Ion:225 Resp: 181564

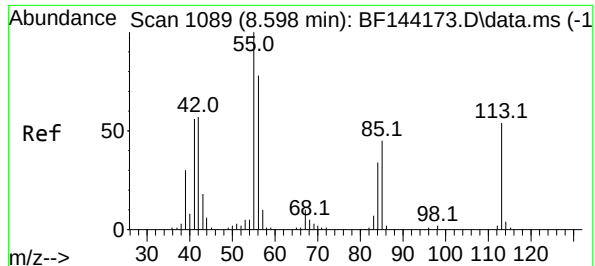
Ion Ratio Lower Upper

225 100

223 61.1 50.2 75.4

227 61.2 50.1 75.1

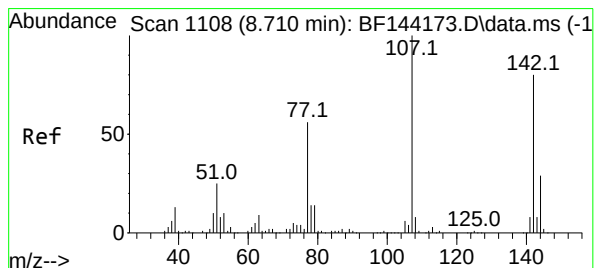
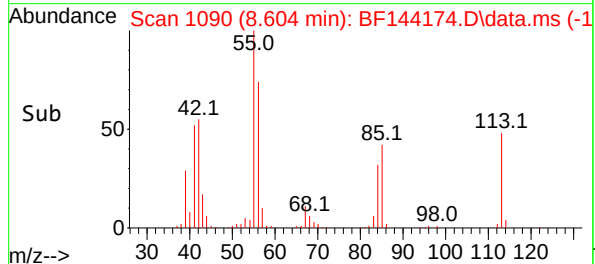
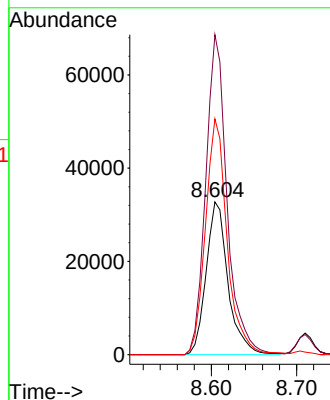
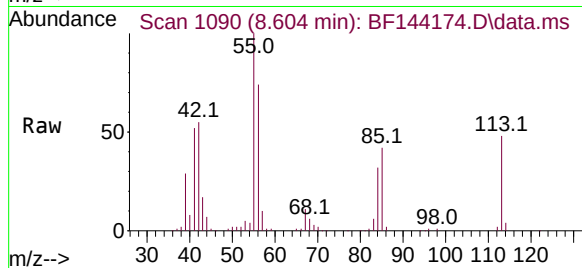




#35
Caprolactam
Concen: 42.327 ng
RT: 8.604 min Scan# 1089
Delta R.T. -0.018 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

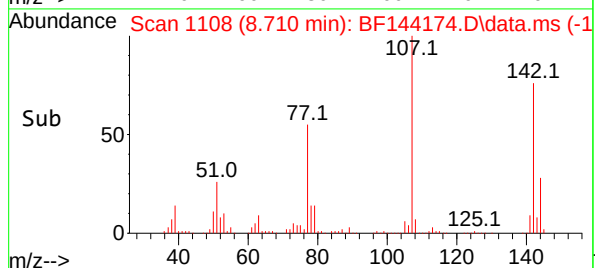
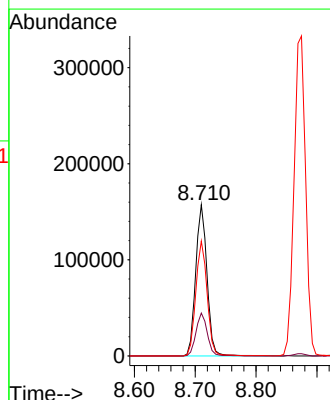
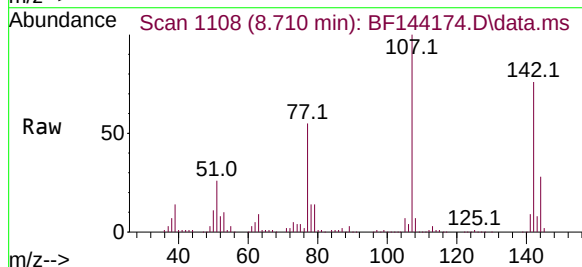
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

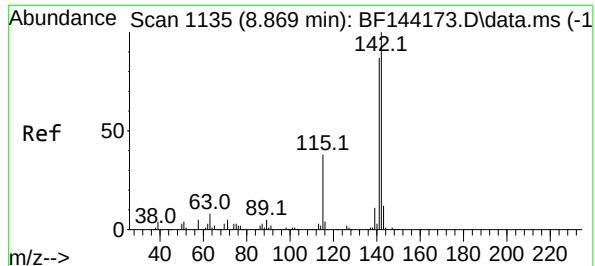
Tgt Ion:113 Resp: 58430
Ion Ratio Lower Upper
113 100
55 209.4 166.8 206.8#
56 154.3 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 44.930 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:107 Resp: 202891
Ion Ratio Lower Upper
107 100
144 28.3 23.3 34.9
142 75.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 43.979 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

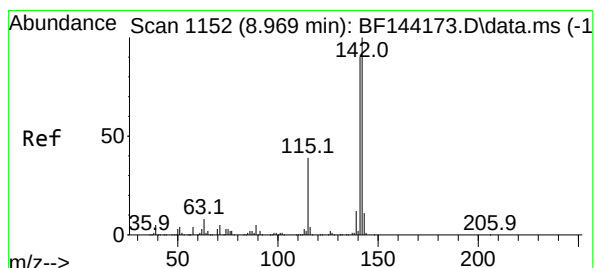
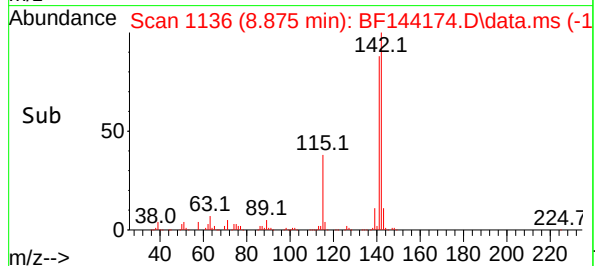
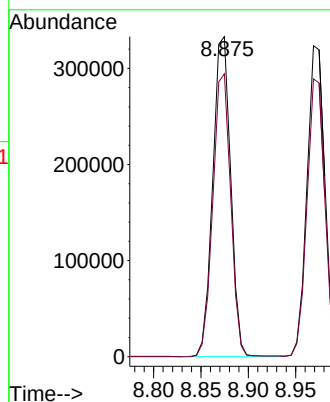
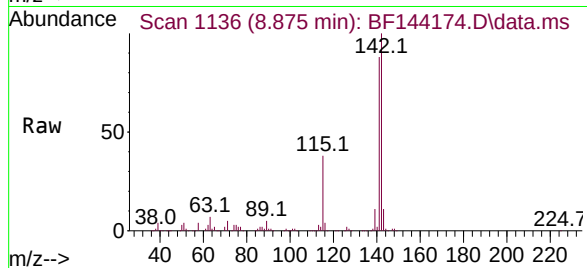
SSTDICC050

Tgt Ion:142 Resp: 438395

Ion Ratio Lower Upper

142 100

141 88.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.644 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144174.D

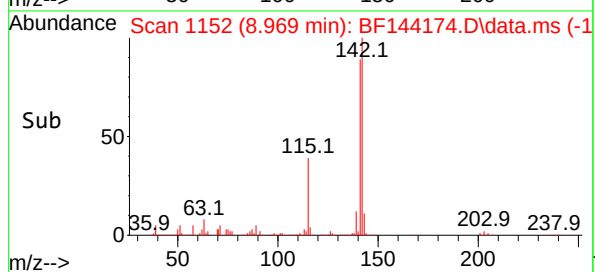
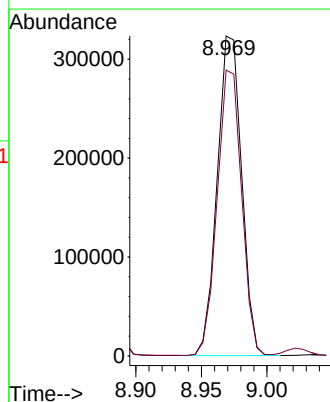
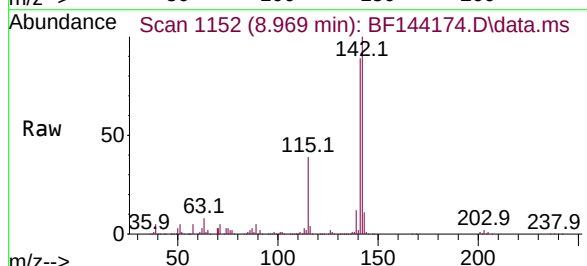
Acq: 05 Nov 2025 15:49

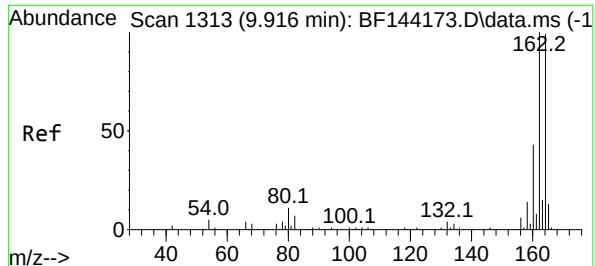
Tgt Ion:142 Resp: 419784

Ion Ratio Lower Upper

142 100

141 89.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

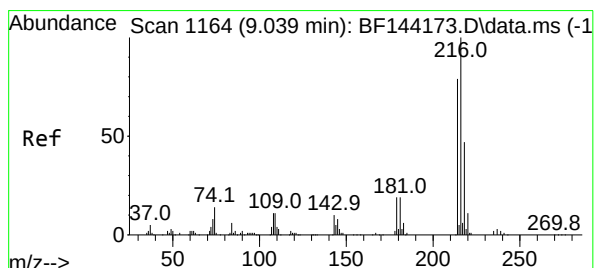
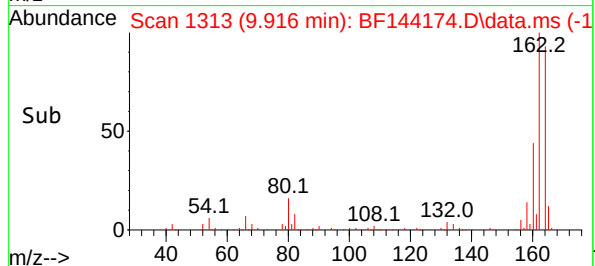
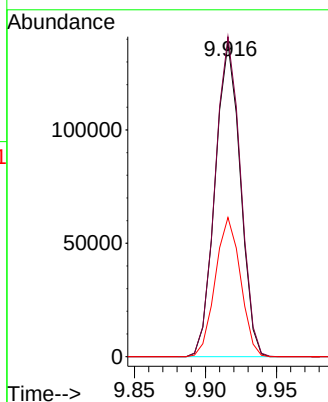
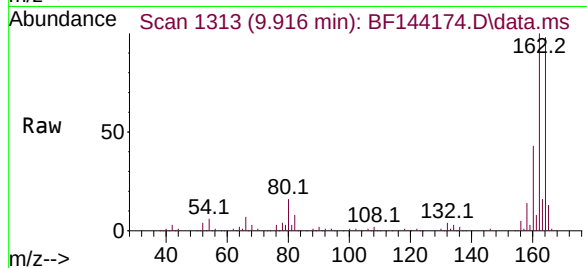
Tgt Ion:164 Resp: 170294

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 44.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.832 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:216 Resp: 250210

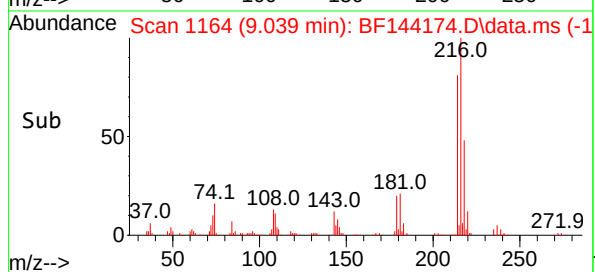
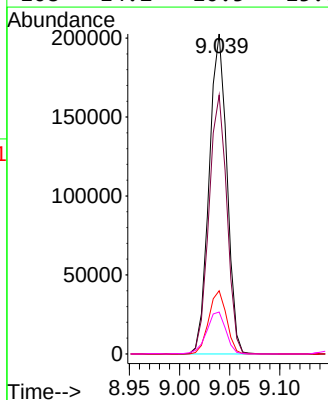
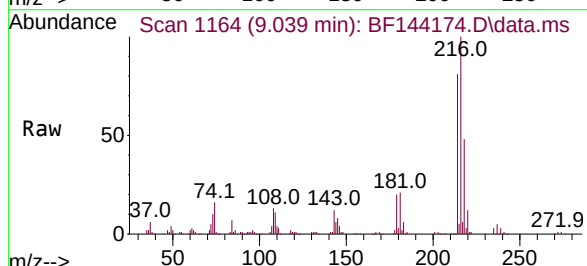
Ion Ratio Lower Upper

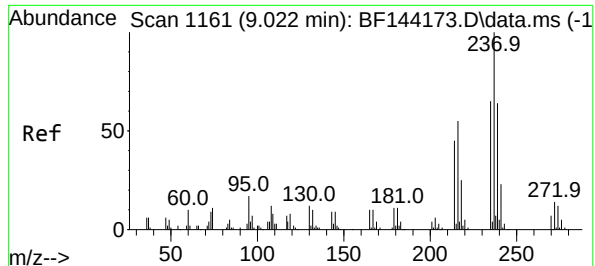
216 100

214 81.3 63.4 95.2

179 19.6 15.0 22.4

108 14.2 10.5 15.7

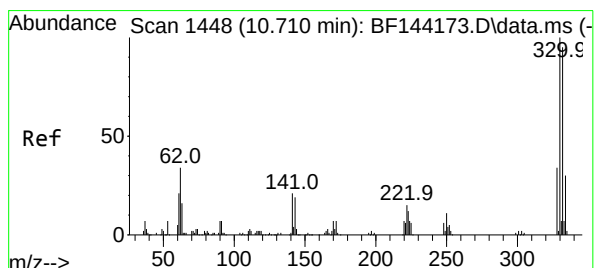
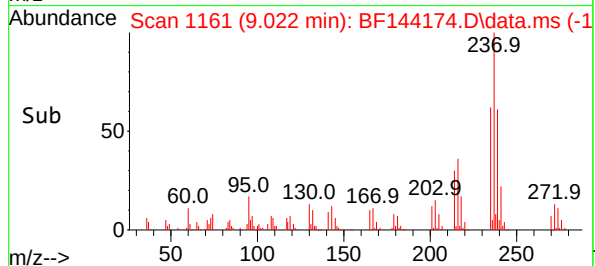
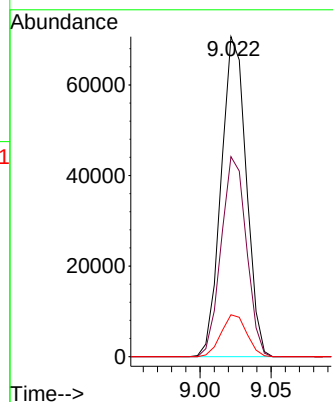
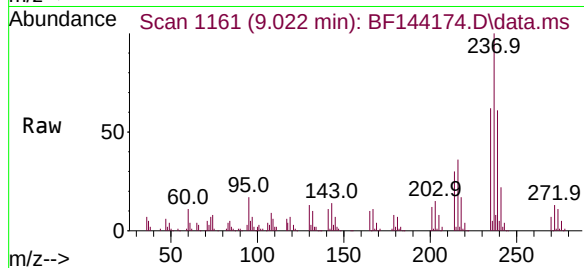




#41
Hexachlorocyclopentadiene
Concen: 48.007 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

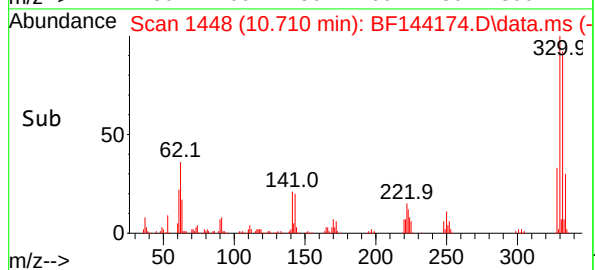
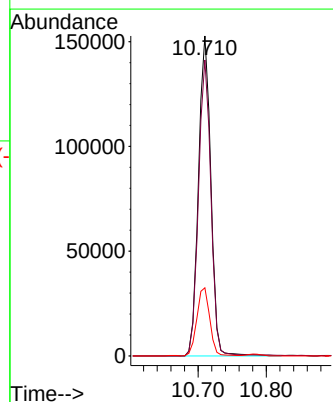
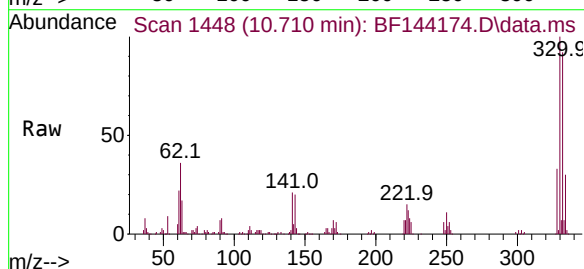
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

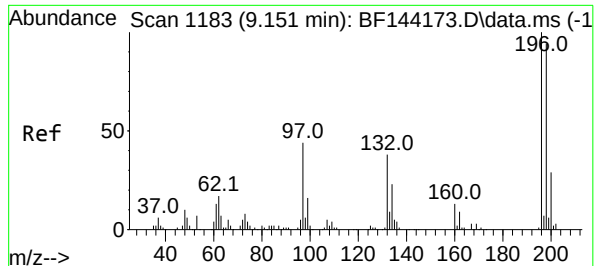
Tgt Ion:237 Resp: 86860
Ion Ratio Lower Upper
237 100
235 62.5 45.5 85.5
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 90.275 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:330 Resp: 192917
Ion Ratio Lower Upper
330 100
332 93.0 76.7 115.1
141 22.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 45.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

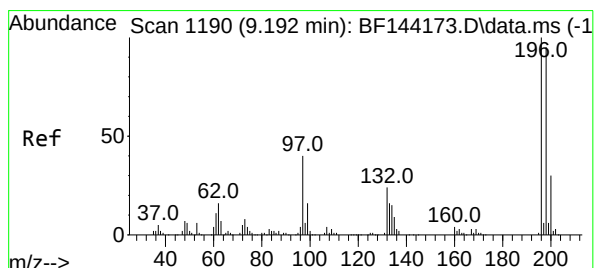
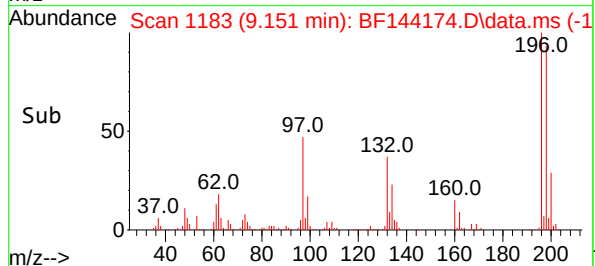
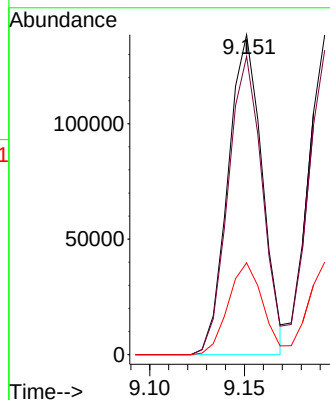
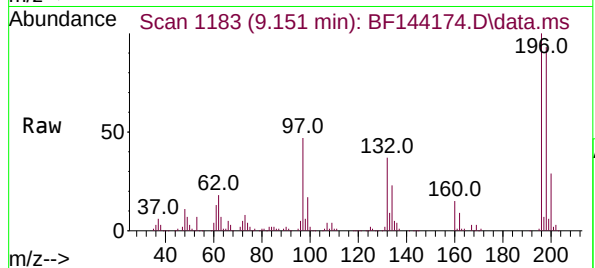
Tgt Ion:196 Resp: 174024

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

200 28.7 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 45.542 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:196 Resp: 186449

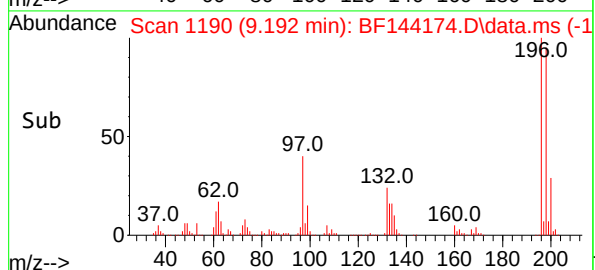
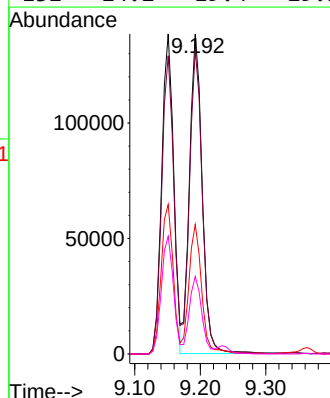
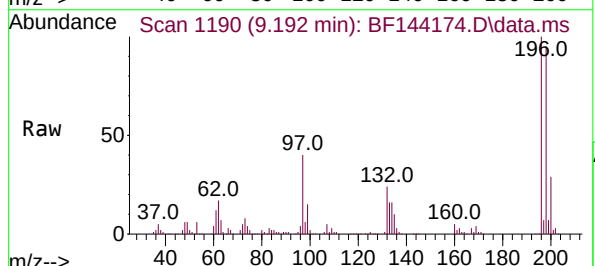
Ion Ratio Lower Upper

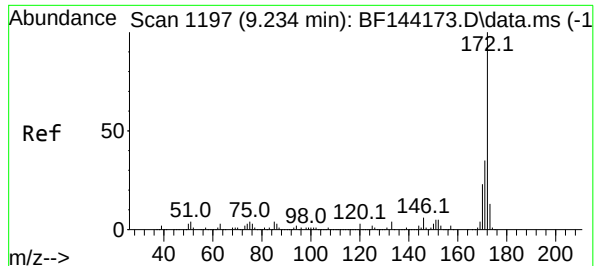
196 100

198 95.2 76.1 114.1

97 40.5 31.9 47.9

132 24.2 19.4 29.2

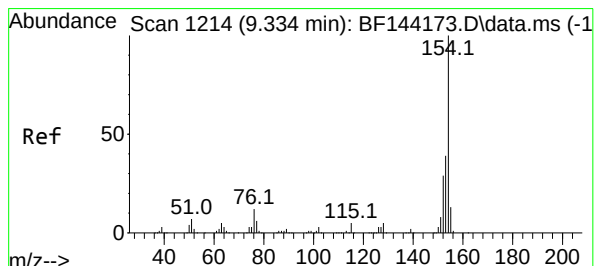
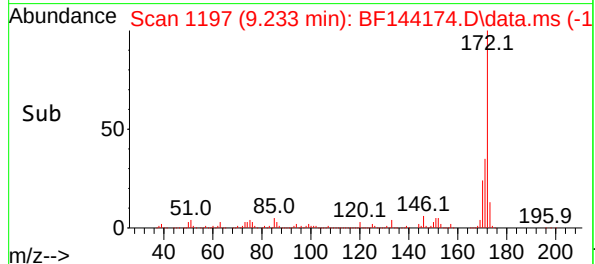
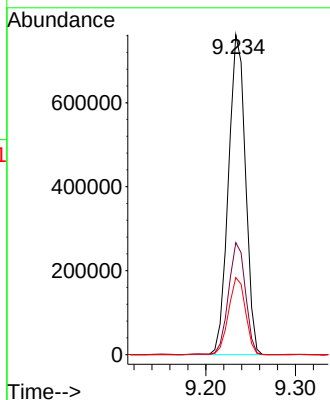
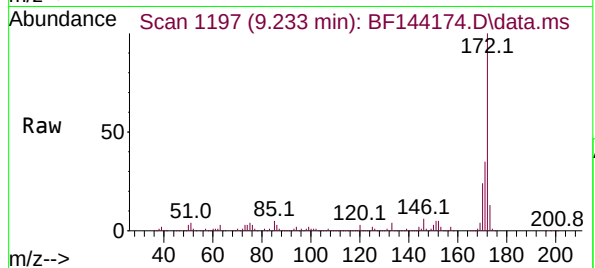




#45
2-Fluorobiphenyl
Concen: 86.941 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

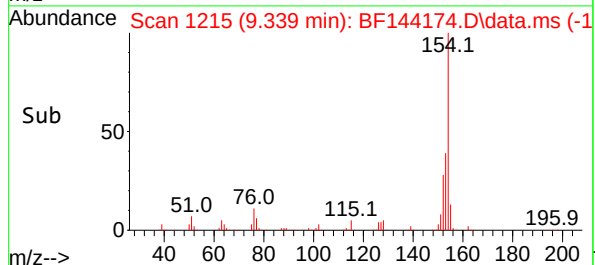
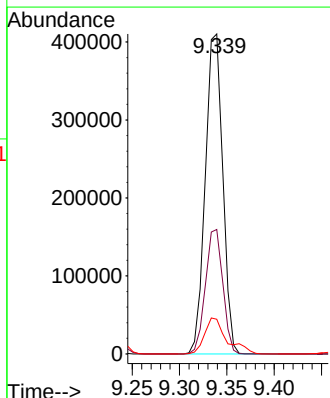
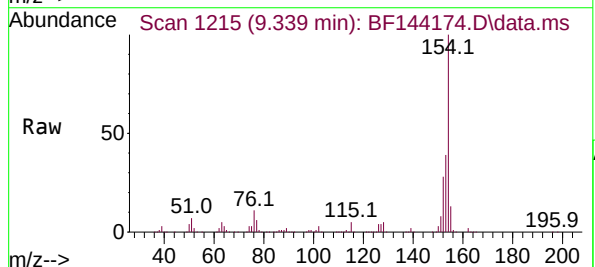
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

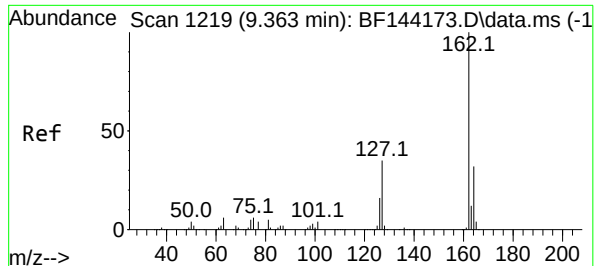
Tgt Ion:172 Resp: 1002454
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.371 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:154 Resp: 527437
Ion Ratio Lower Upper
154 100
153 38.9 19.2 59.2
76 10.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 44.851 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

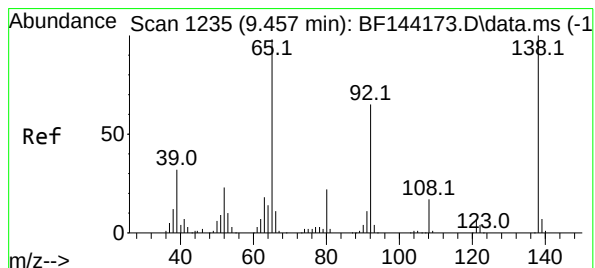
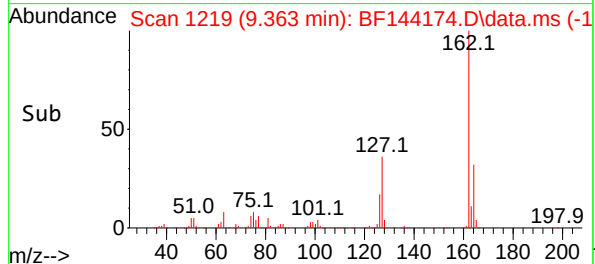
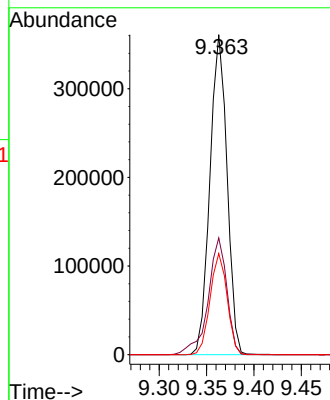
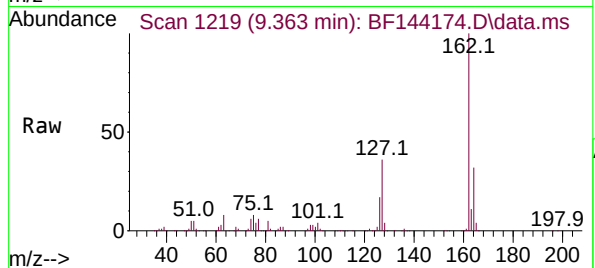
Tgt Ion:162 Resp: 454778

Ion Ratio Lower Upper

162 100

127 36.5 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 47.458 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

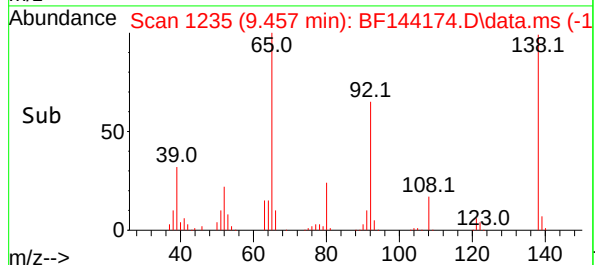
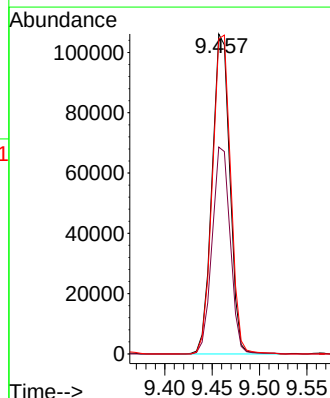
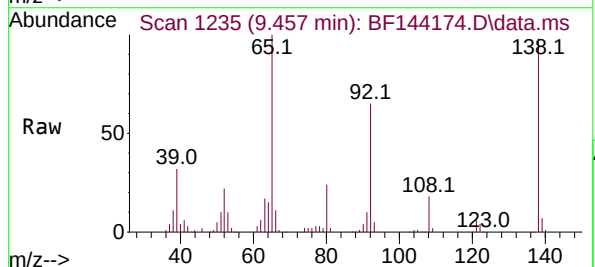
Tgt Ion: 65 Resp: 138845

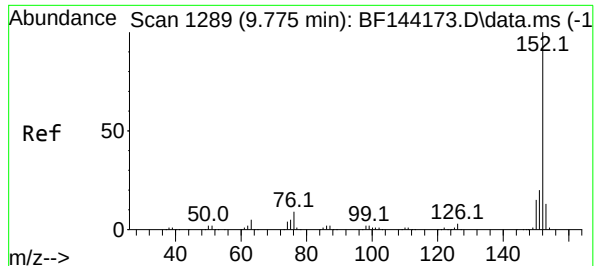
Ion Ratio Lower Upper

65 100

92 64.6 53.0 79.6

138 98.5 81.6 122.4





#49

Acenaphthylene

Concen: 44.368 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

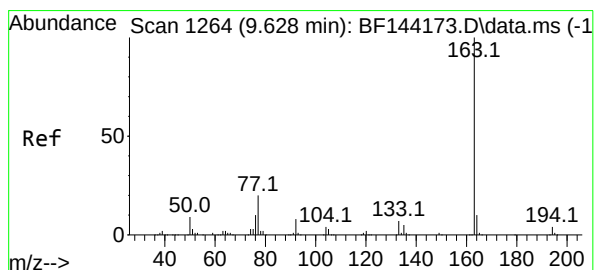
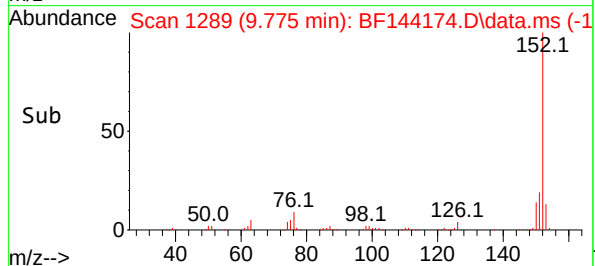
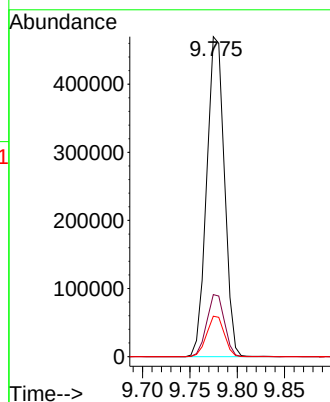
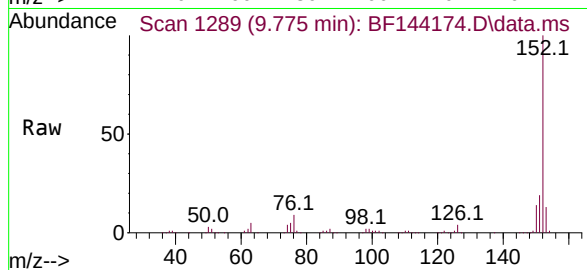
Tgt Ion:152 Resp: 613066

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 44.094 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

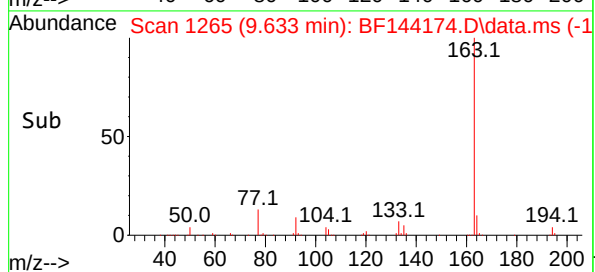
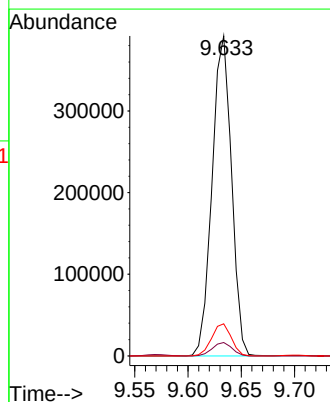
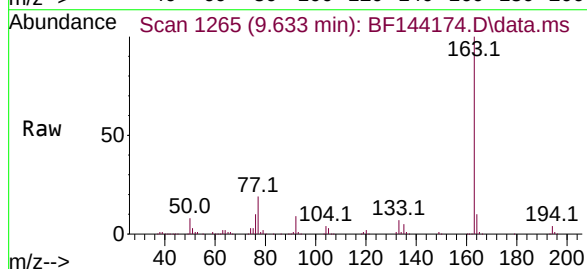
Tgt Ion:163 Resp: 497451

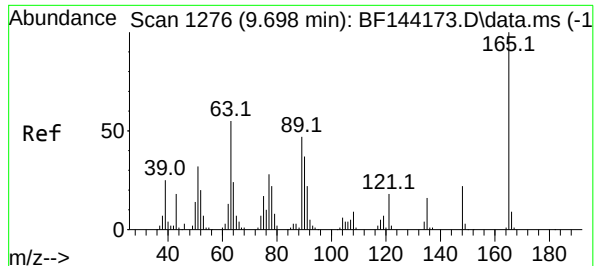
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.892 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

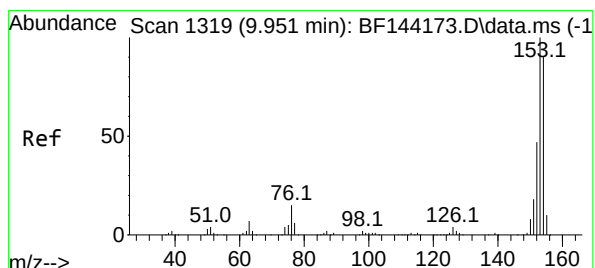
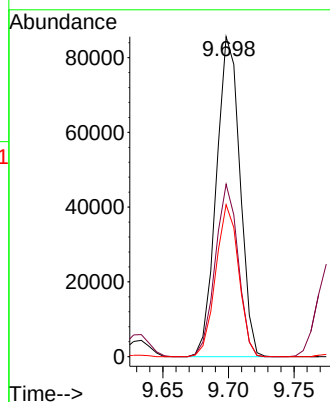
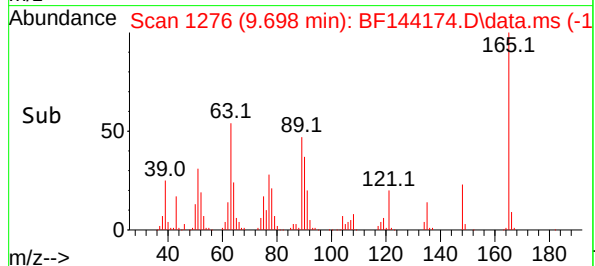
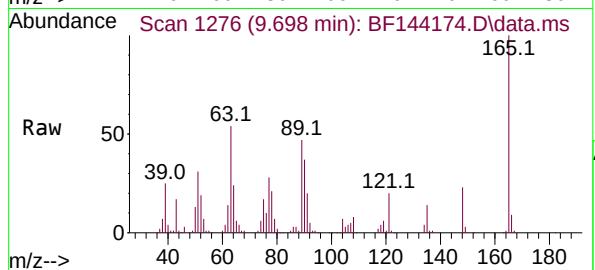
Tgt Ion:165 Resp: 107091

Ion Ratio Lower Upper

165 100

63 53.9 43.8 65.8

89 47.5 37.5 56.3



#52

Acenaphthene

Concen: 44.067 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

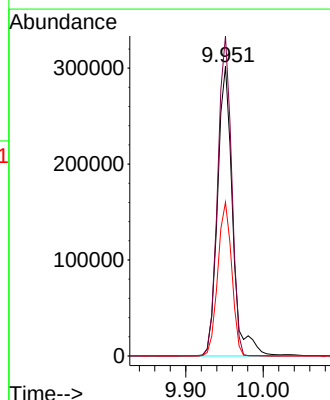
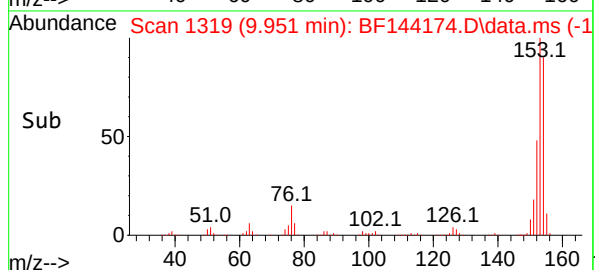
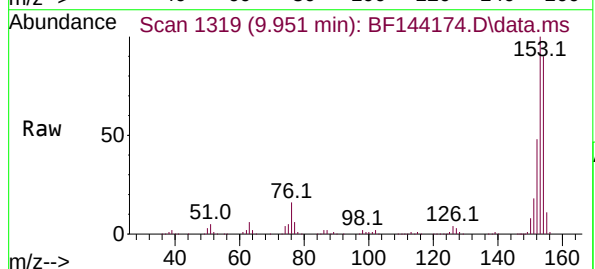
Tgt Ion:154 Resp: 407187

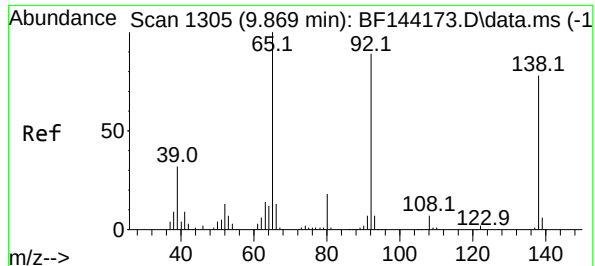
Ion Ratio Lower Upper

154 100

153 110.5 89.0 133.4

152 53.1 42.2 63.4





#53

3-Nitroaniline

Concen: 45.012 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

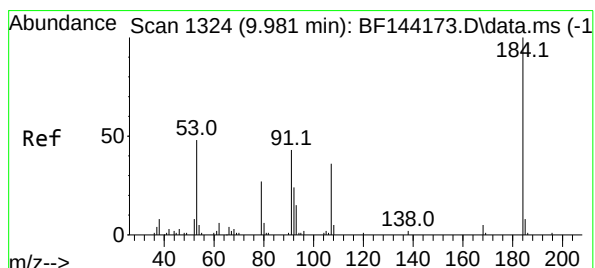
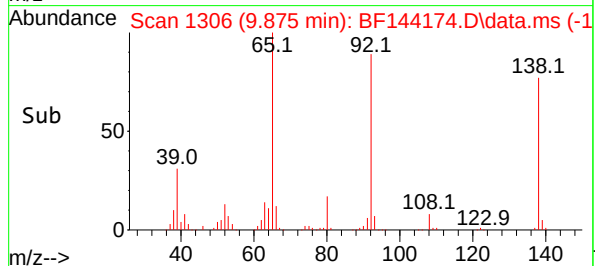
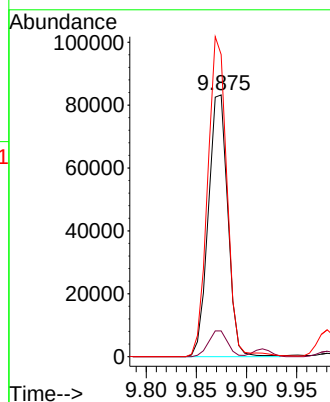
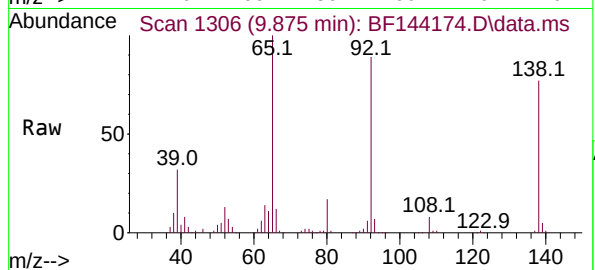
Tgt Ion:138 Resp: 112371

Ion Ratio Lower Upper

138 100

108 9.8 7.5 11.3

92 115.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 41.007 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

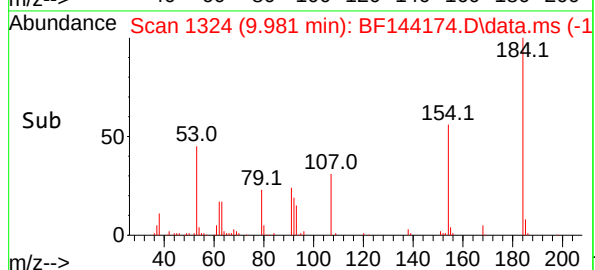
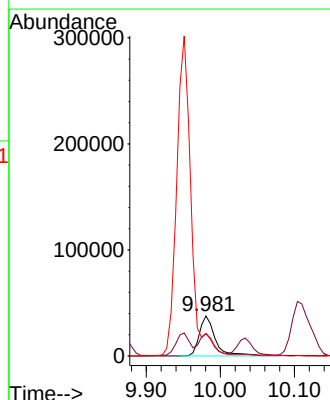
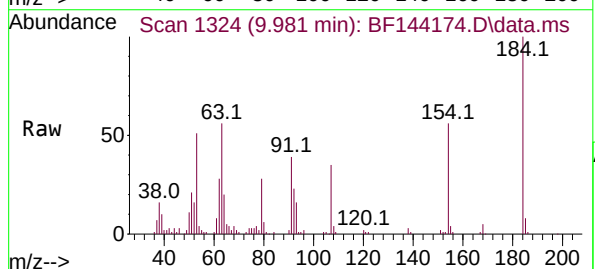
Tgt Ion:184 Resp: 56551

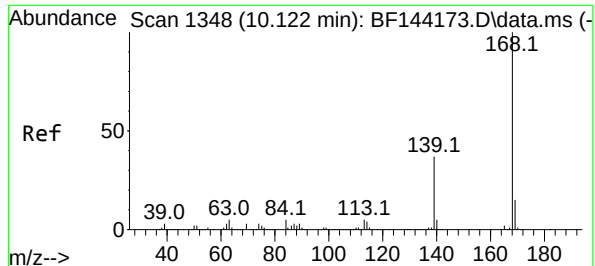
Ion Ratio Lower Upper

184 100

63 56.3 44.0 66.0

154 55.5 42.4 63.6





#55

Dibenzofuran

Concen: 43.989 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

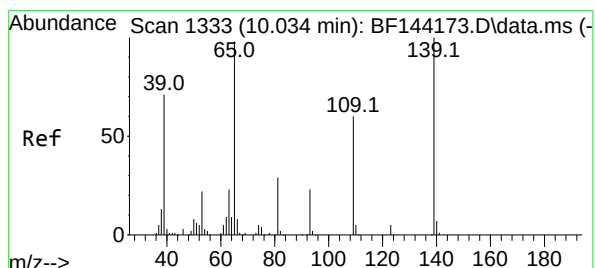
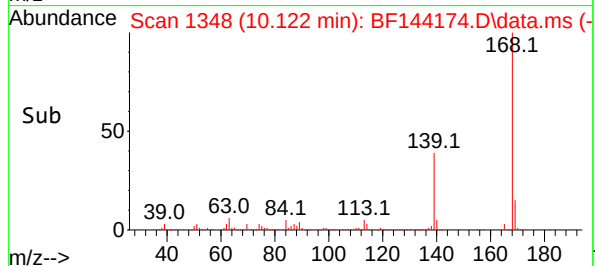
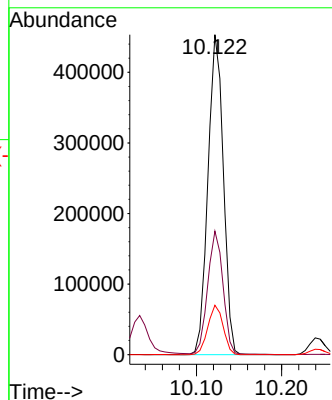
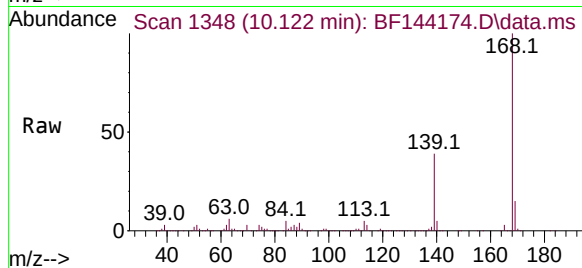
Tgt Ion:168 Resp: 569268

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.2

169 15.4 12.2 18.4



#56

4-Nitrophenol

Concen: 43.544 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

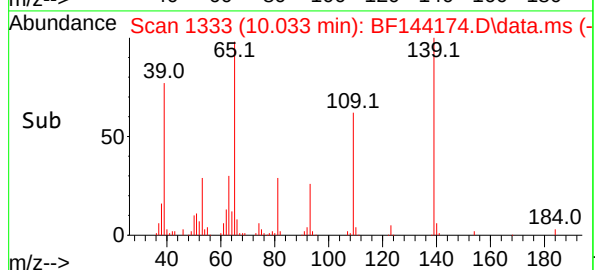
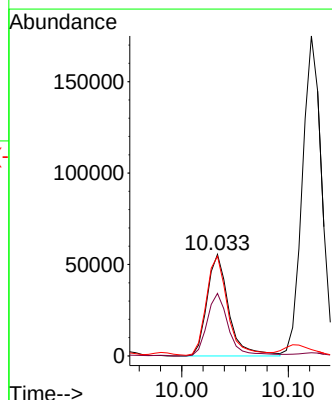
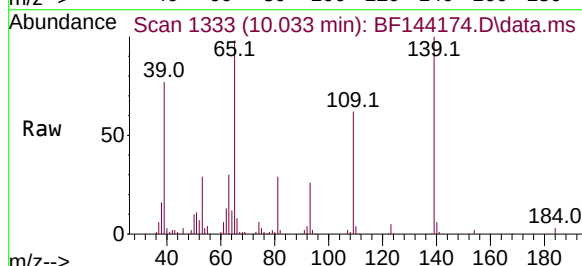
Tgt Ion:139 Resp: 78636

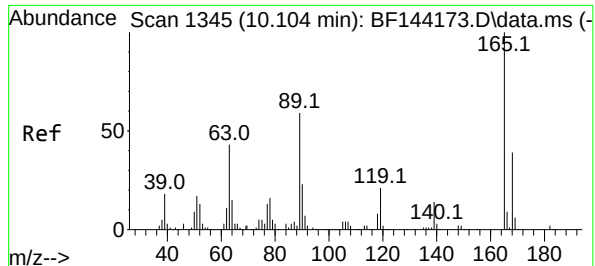
Ion Ratio Lower Upper

139 100

109 61.6 39.9 79.9

65 98.3 79.5 119.5

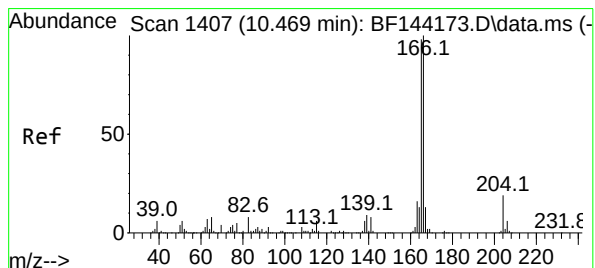
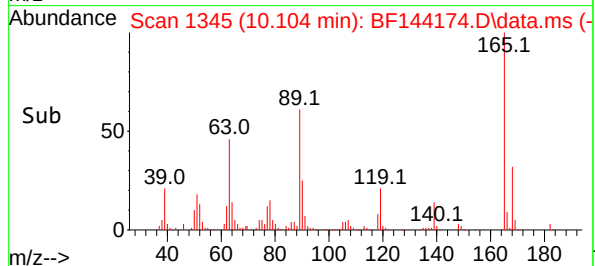
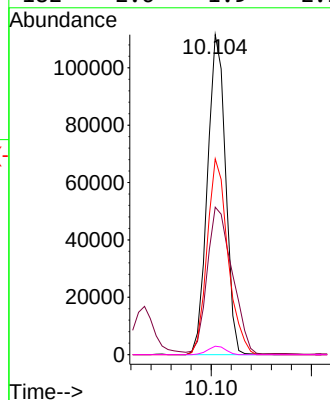
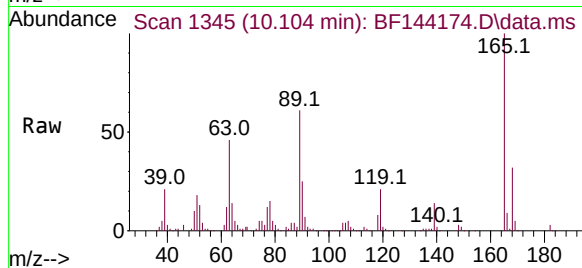




#57
2,4-Dinitrotoluene
Concen: 45.629 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

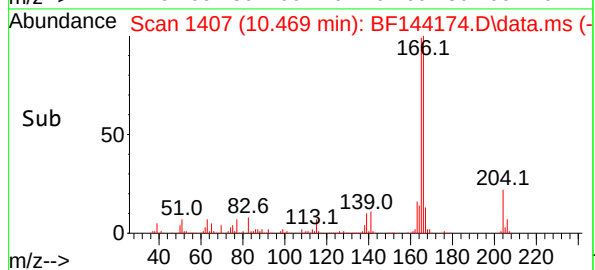
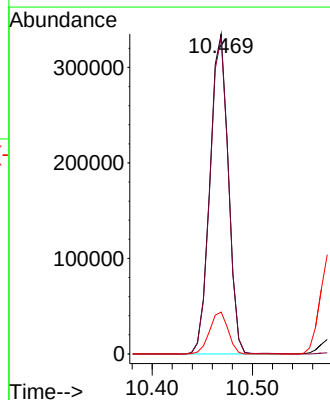
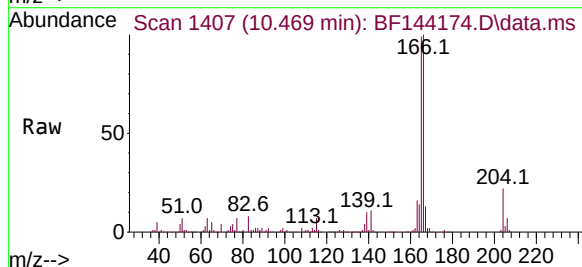
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

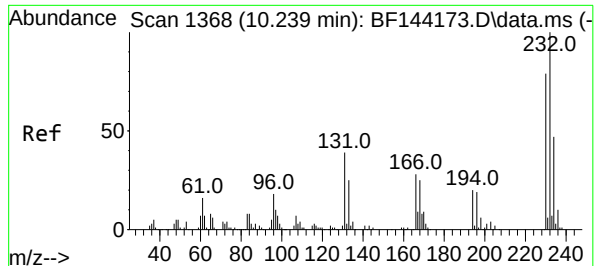
Tgt Ion:165 Resp: 139501
Ion Ratio Lower Upper
165 100
63 46.1 35.5 53.3
89 61.2 47.4 71.2
182 2.6 1.9 2.9



#58
Fluorene
Concen: 43.136 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:166 Resp: 424429
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.1 10.4 15.6

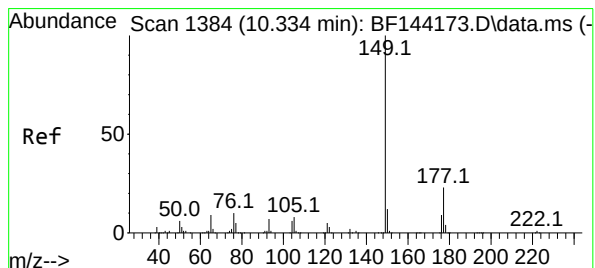
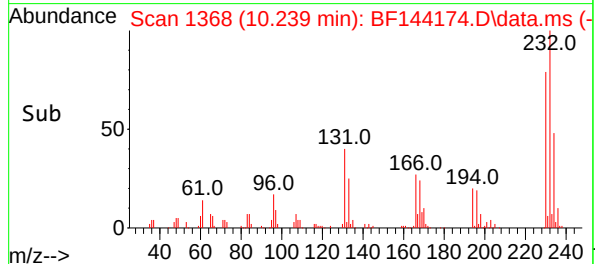
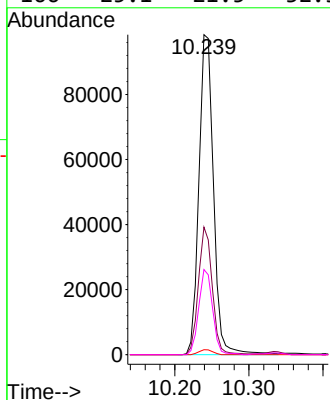
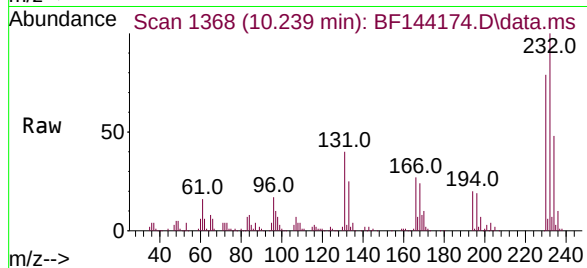




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.453 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

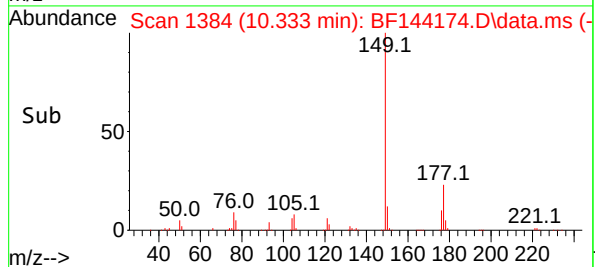
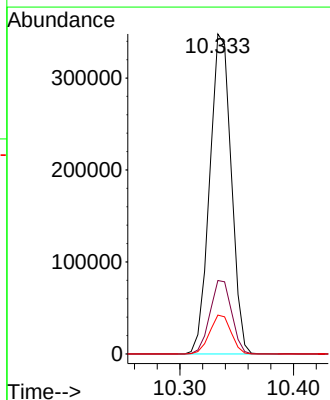
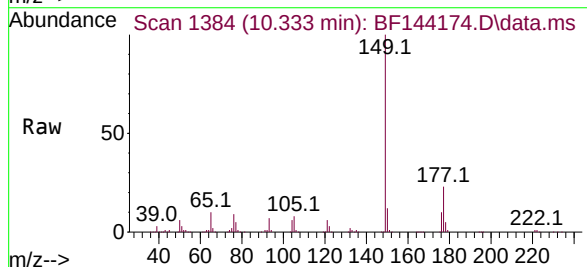
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

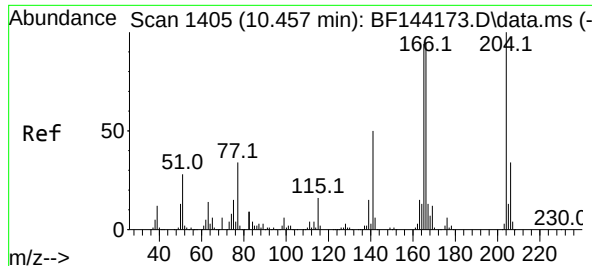
Tgt Ion:232 Resp: 134554
Ion Ratio Lower Upper
232 100
131 38.0 30.3 45.5
130 1.4 1.2 1.8
166 25.1 21.5 32.3



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 457569
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.1 9.8 14.6

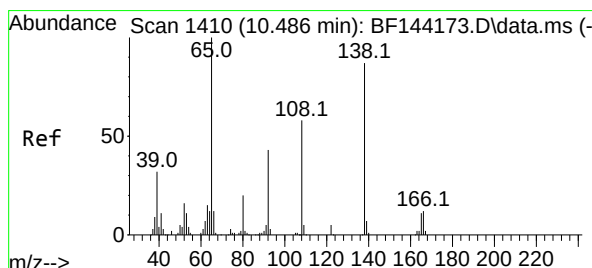
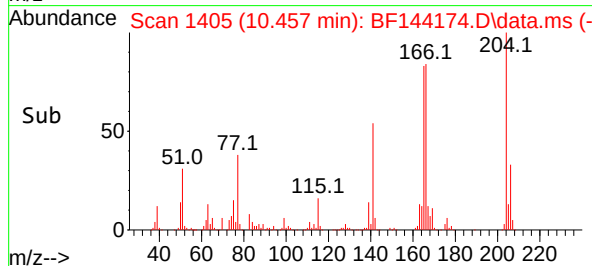
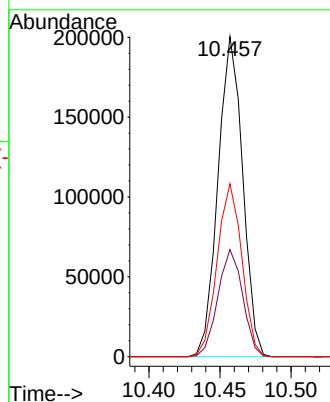
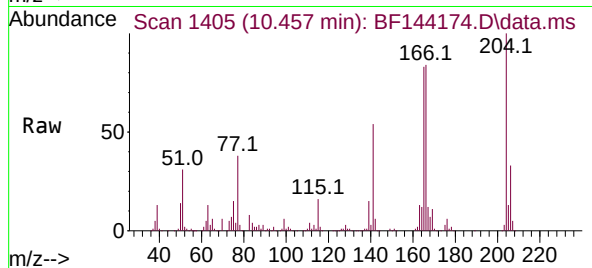




#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

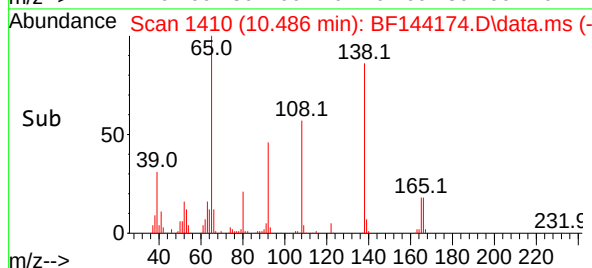
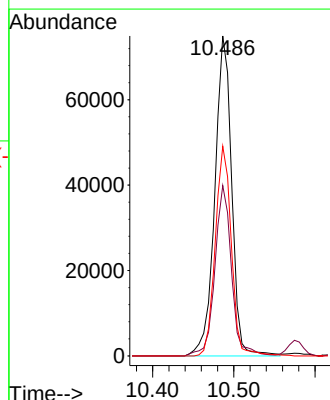
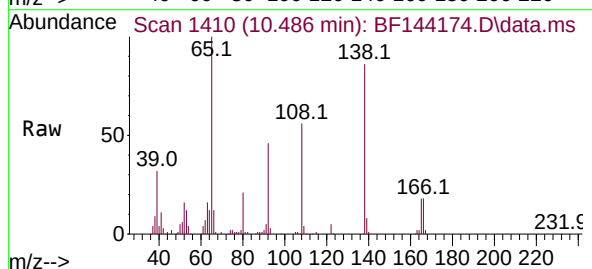
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

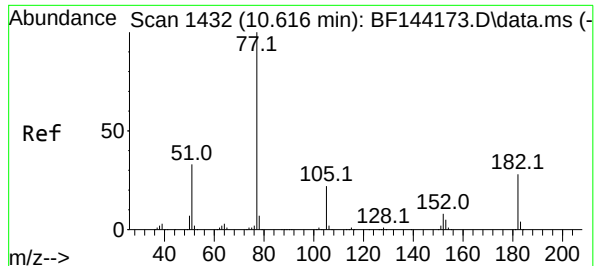
Tgt Ion:204 Resp: 242650
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 54.0 40.0 60.0



#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 108312
Ion Ratio Lower Upper
138 100
92 53.2 29.4 69.4
108 65.5 46.4 86.4

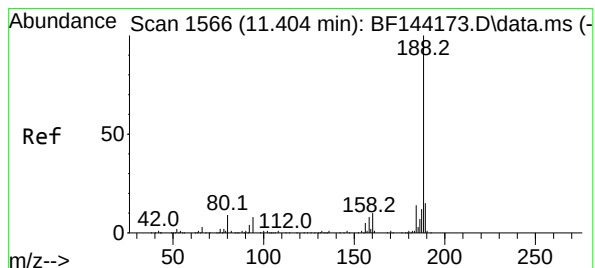
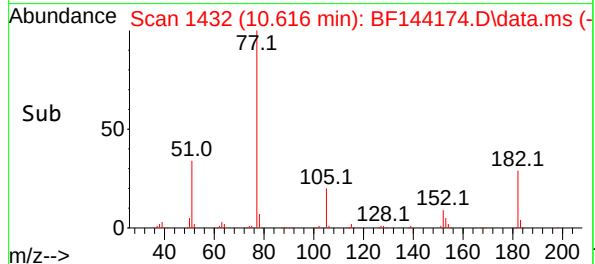
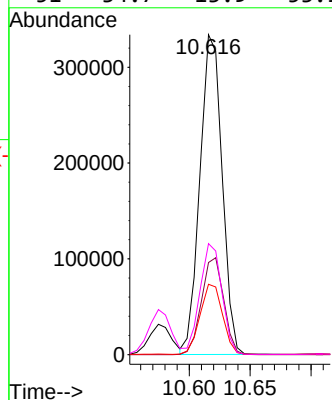
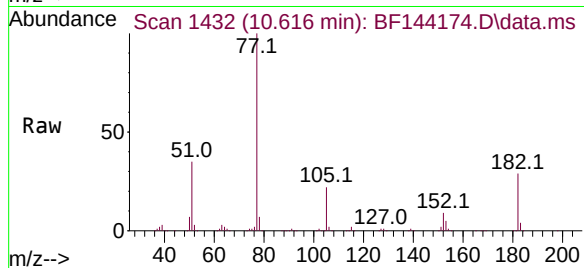




#63
Azobenzene
Concen: 43.768 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

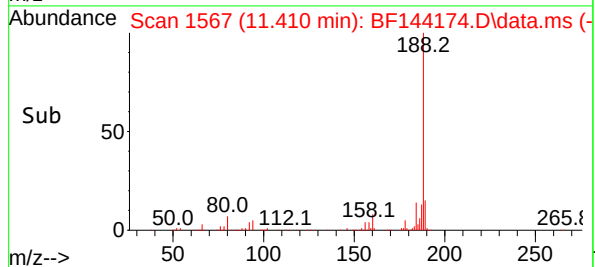
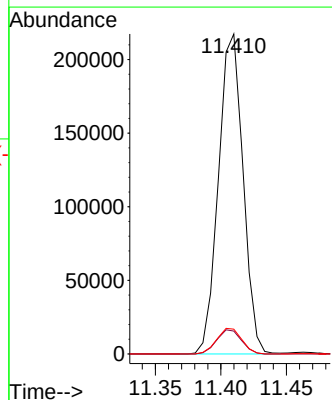
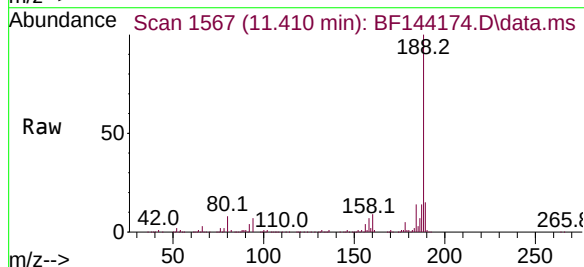
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

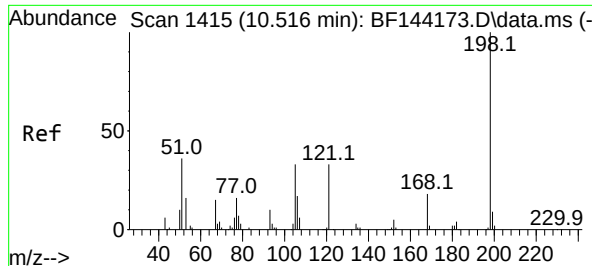
Tgt Ion: 77 Resp: 423631
Ion Ratio Lower Upper
77 100
182 28.8 8.1 48.1
105 22.0 2.0 42.0
51 34.7 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 188 Resp: 283828
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.7 6.9 10.3

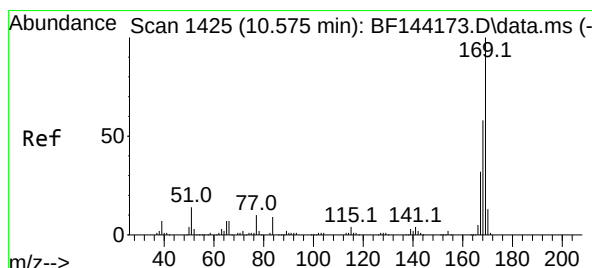
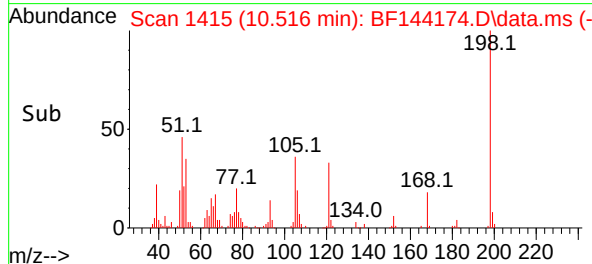
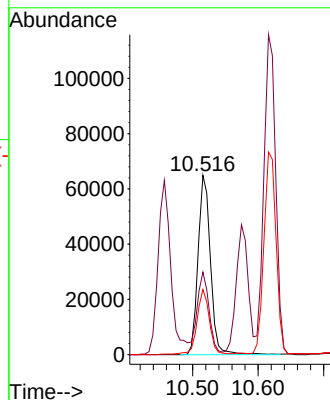
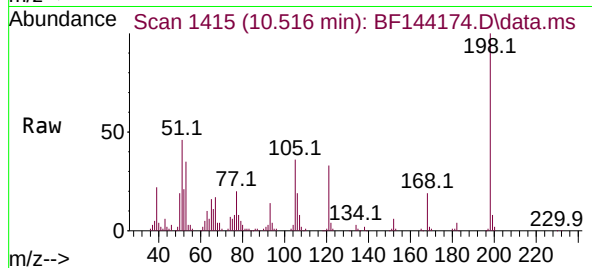




#65
4,6-Dinitro-2-methylphenol
Concen: 44.204 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

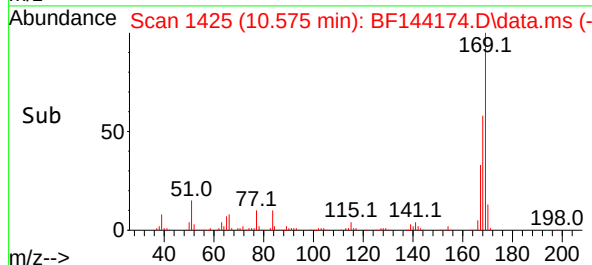
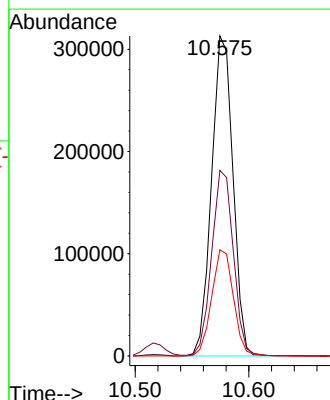
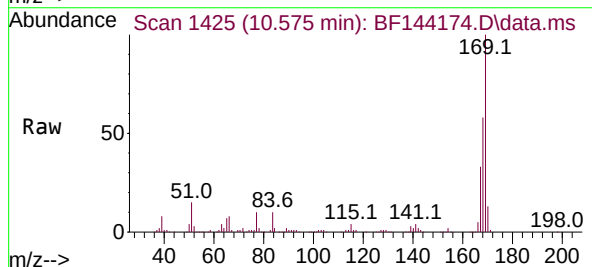
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

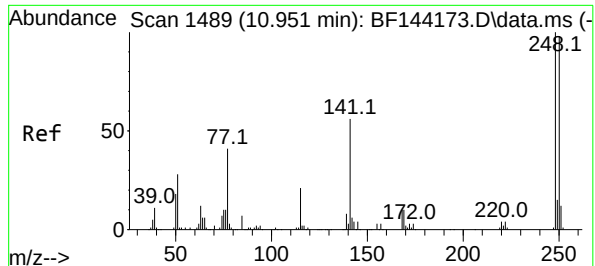
Tgt Ion:198 Resp: 85232
Ion Ratio Lower Upper
198 100
51 46.0 25.6 65.6
105 36.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.877 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:169 Resp: 409670
Ion Ratio Lower Upper
169 100
168 58.0 46.2 69.2
167 33.2 25.7 38.5

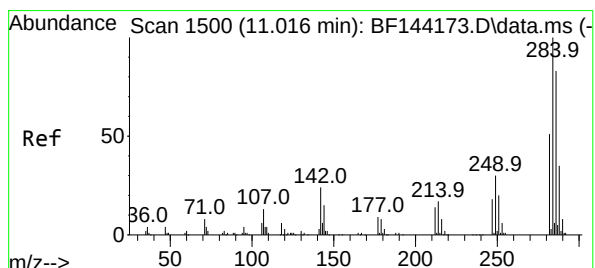
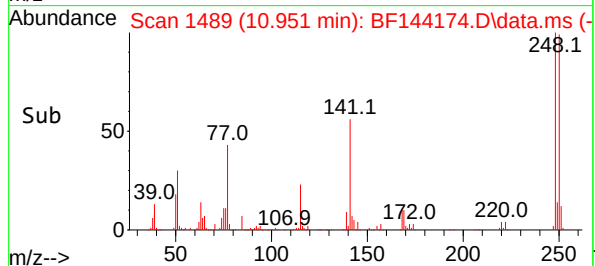
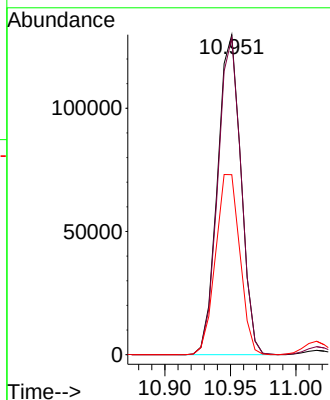
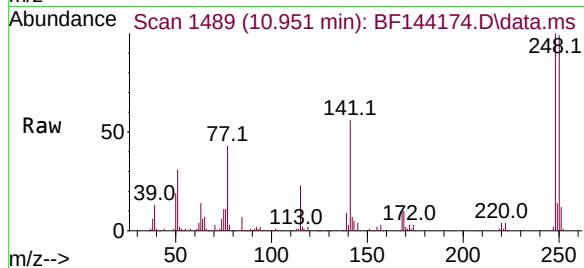




#67
4-Bromophenyl-phenylether
Concen: 44.606 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

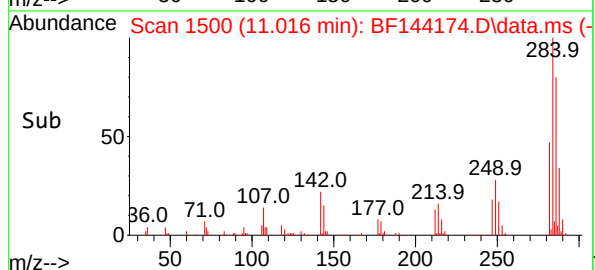
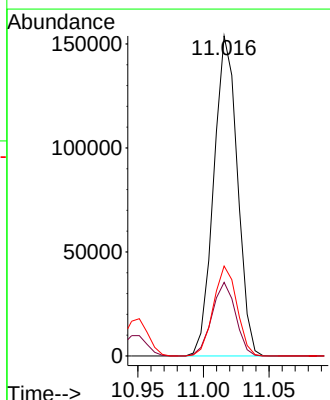
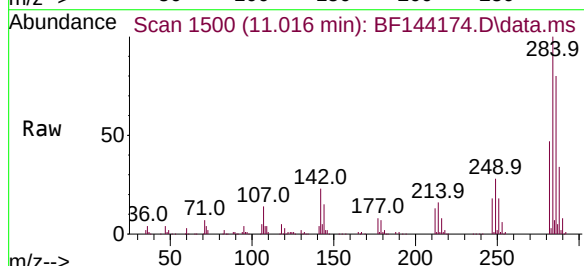
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

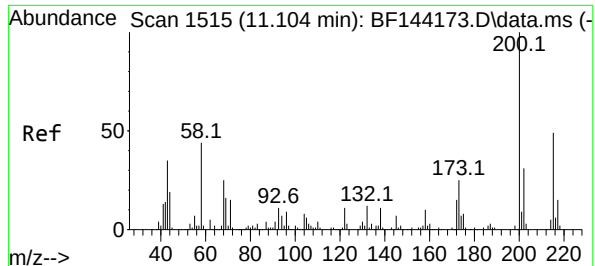
Tgt Ion:248 Resp: 161600
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 56.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 45.364 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:284 Resp: 193574
Ion Ratio Lower Upper
284 100
142 23.0 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 43.906 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

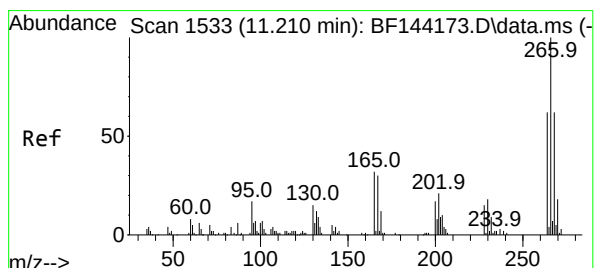
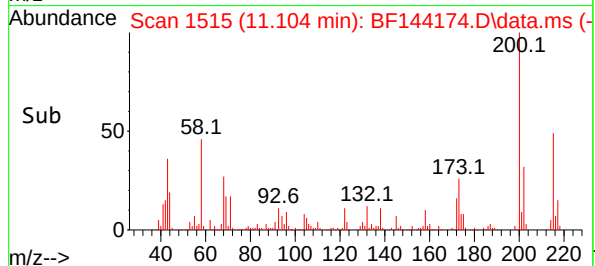
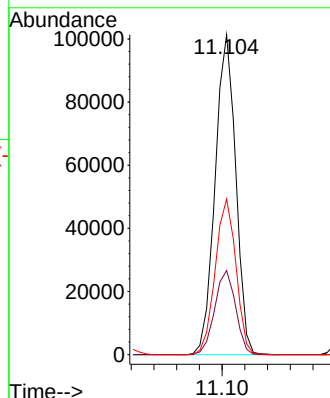
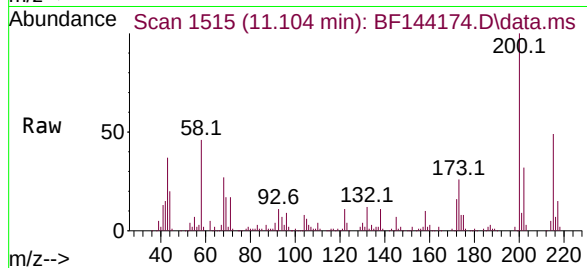
Tgt Ion:200 Resp: 127465

Ion Ratio Lower Upper

200 100

173 26.3 5.0 45.0

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 45.622 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

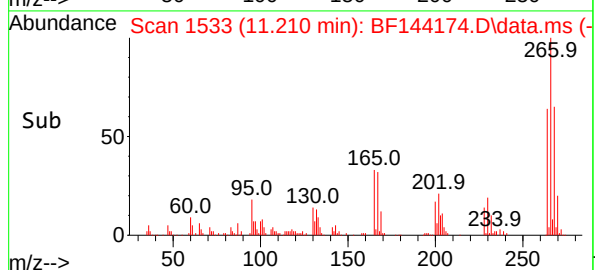
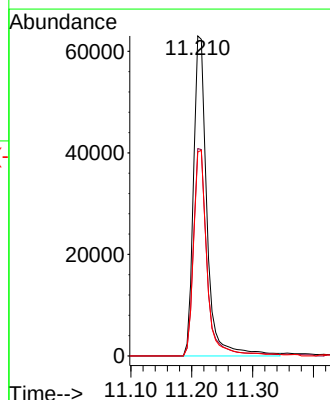
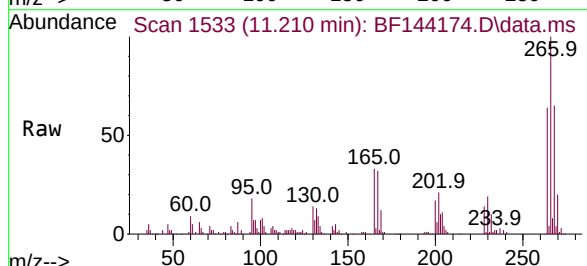
Tgt Ion:266 Resp: 96941

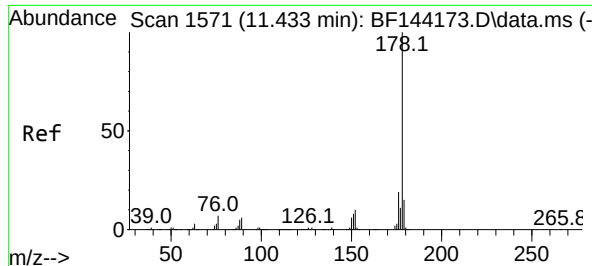
Ion Ratio Lower Upper

266 100

268 64.8 49.5 74.3

264 63.7 49.4 74.2

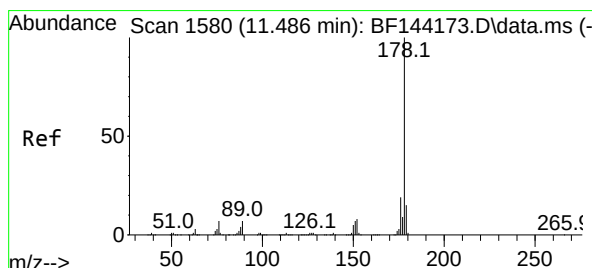
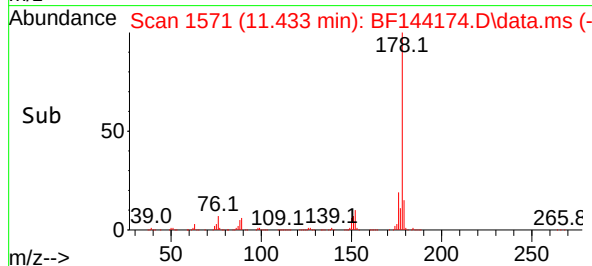
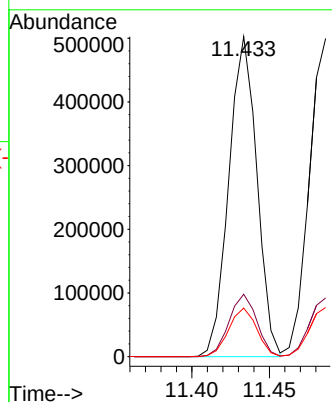
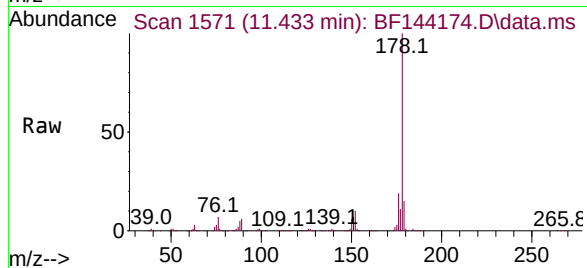




#71
Phenanthrene
Concen: 44.800 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

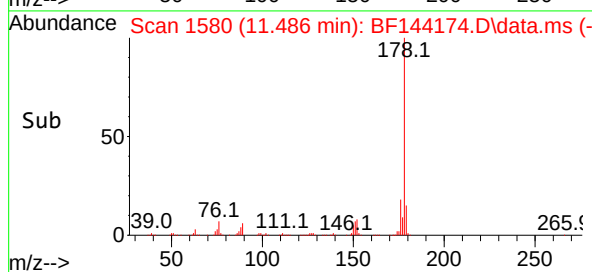
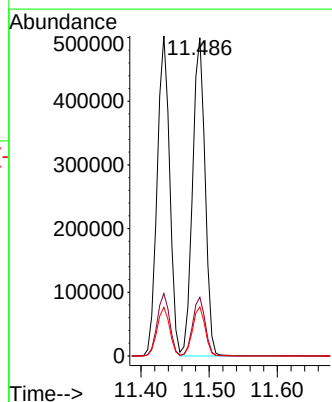
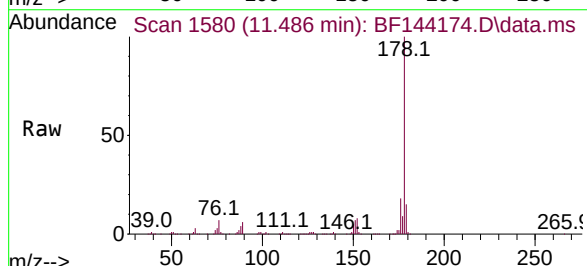
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

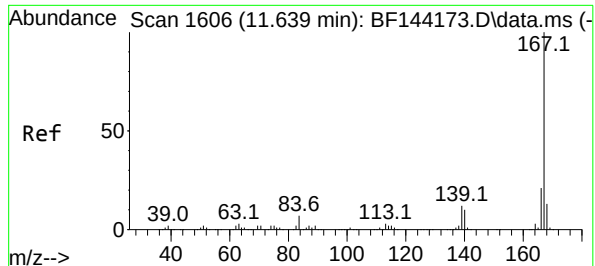
Tgt Ion:178 Resp: 633088
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 44.292 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:178 Resp: 636448
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.4 12.0 18.0

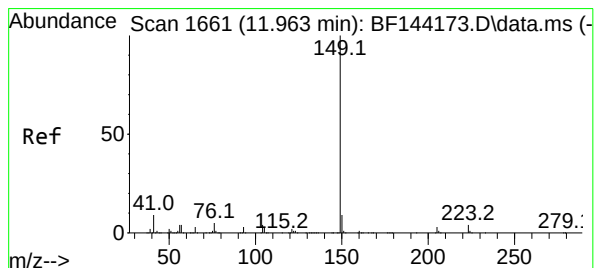
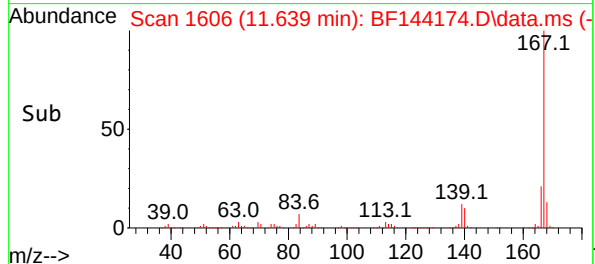
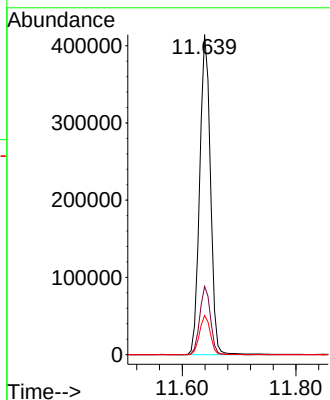
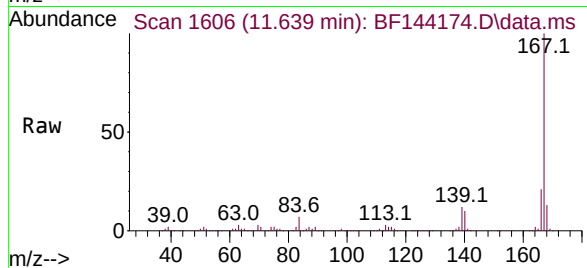




#73
Carbazole
Concen: 44.273 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

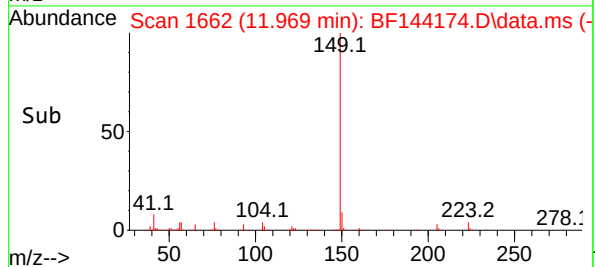
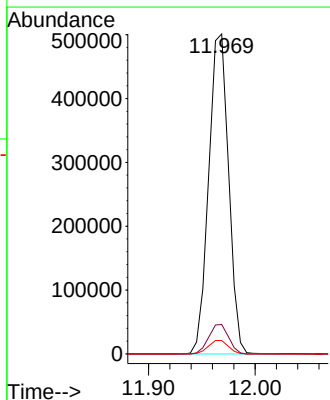
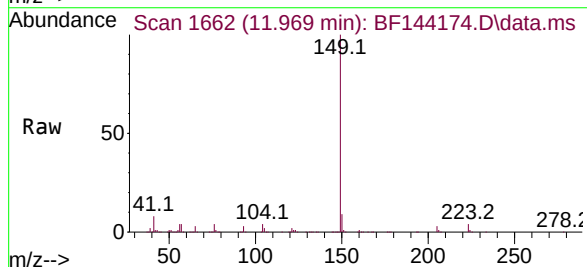
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

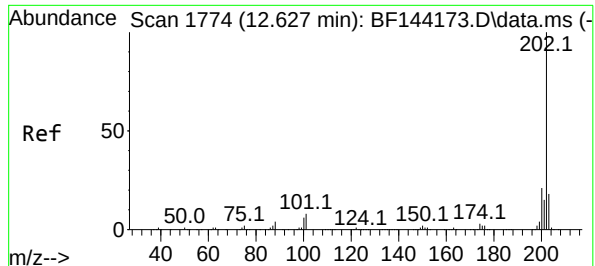
Tgt Ion:167 Resp: 540957
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 44.060 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 650810
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.2 3.4 5.2

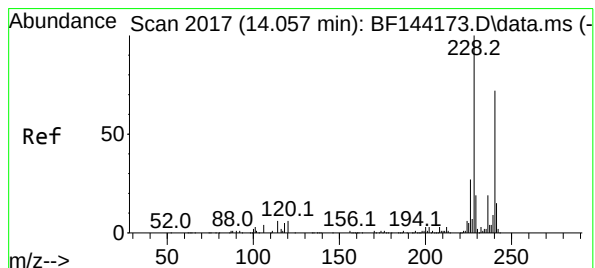
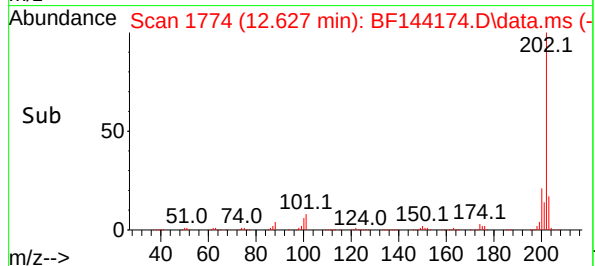
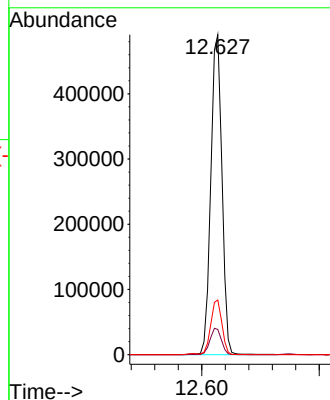
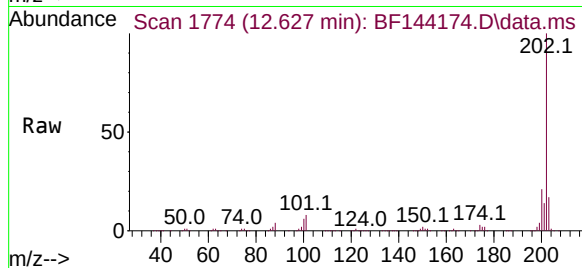




#75
Fluoranthene
Concen: 44.244 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

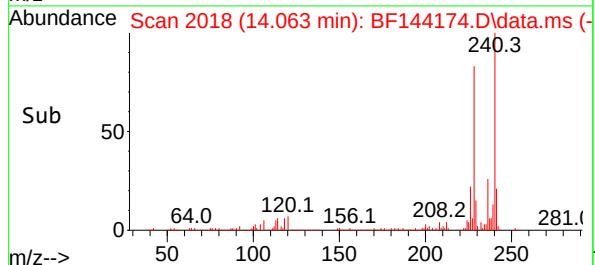
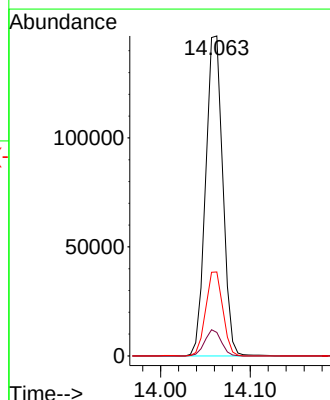
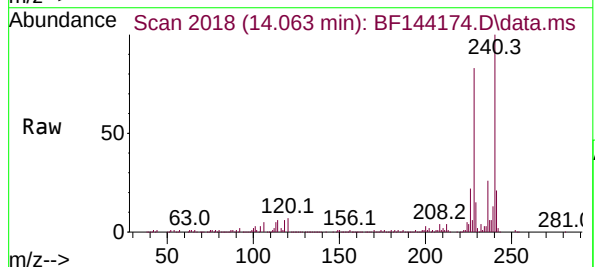
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

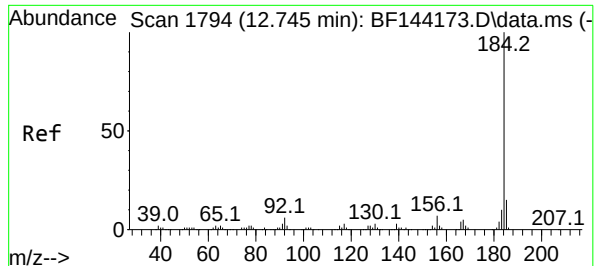
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.1	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.2	21.4	32.2

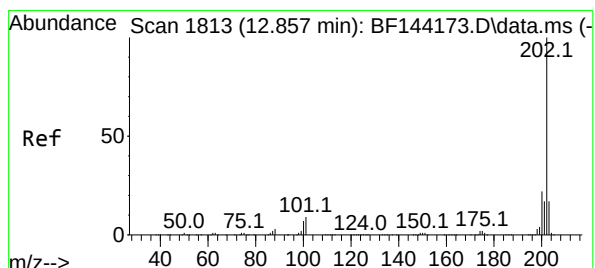
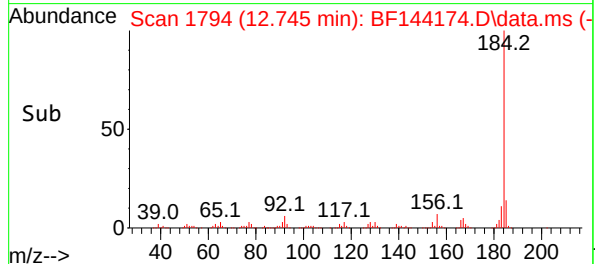
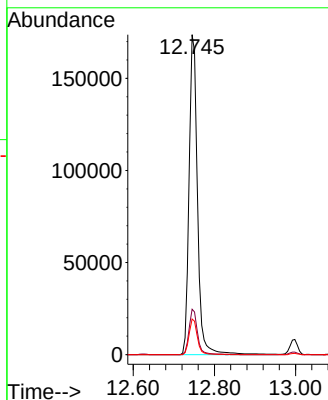
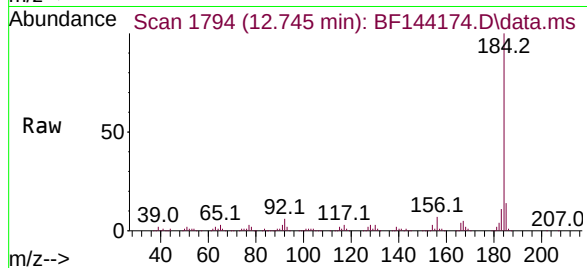




#77
Benzidine
Concen: 43.243 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

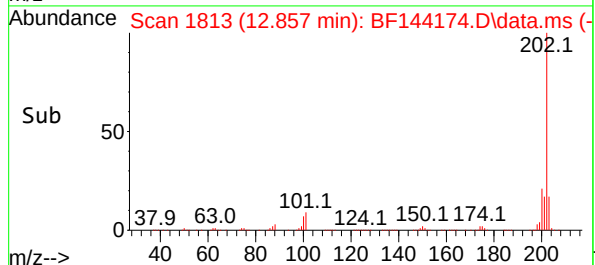
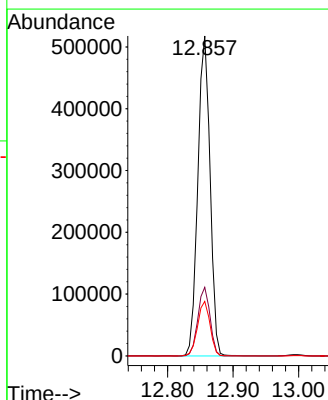
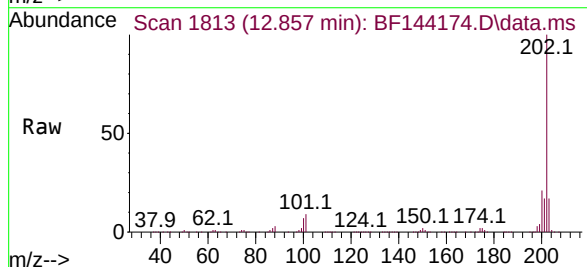
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

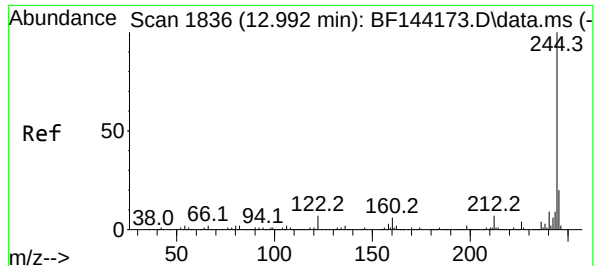
Tgt Ion:184 Resp: 248615
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.1 8.3 12.5



#78
Pyrene
Concen: 42.540 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 666673
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.0 13.7 20.5





#79

Terphenyl-d14

Concen: 82.754 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

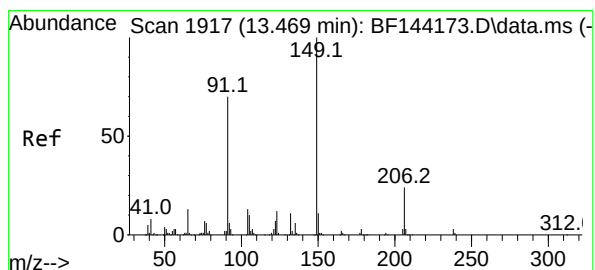
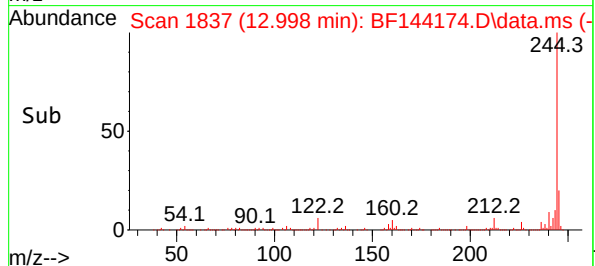
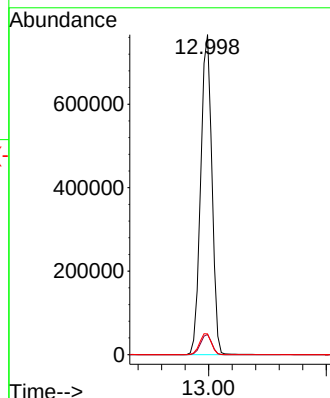
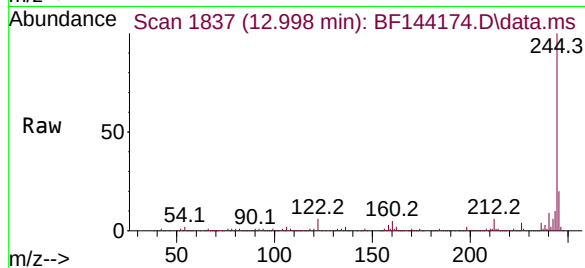
Tgt Ion:244 Resp: 1012618

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.602 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

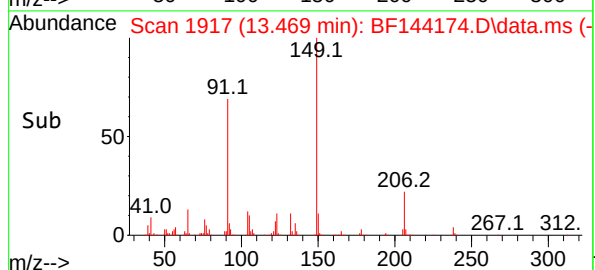
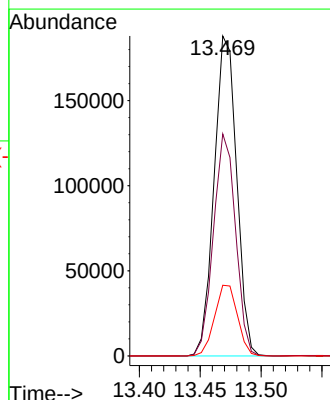
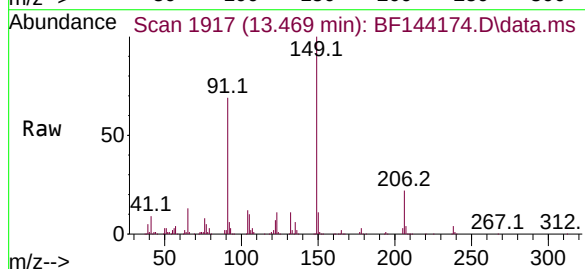
Tgt Ion:149 Resp: 242259

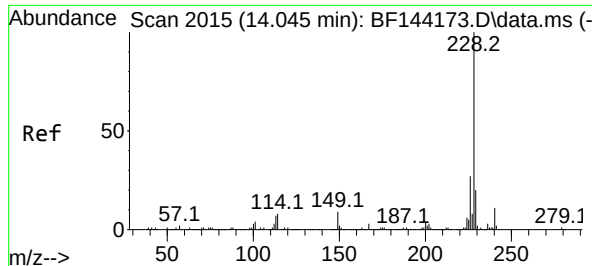
Ion Ratio Lower Upper

149 100

91 69.4 56.1 84.1

206 22.1 18.8 28.2

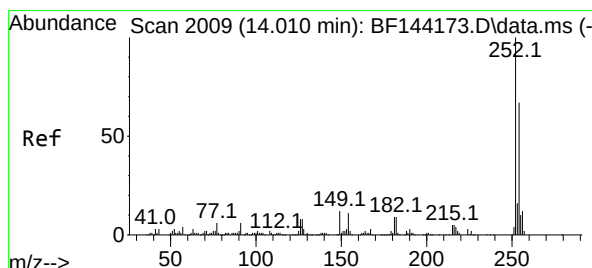
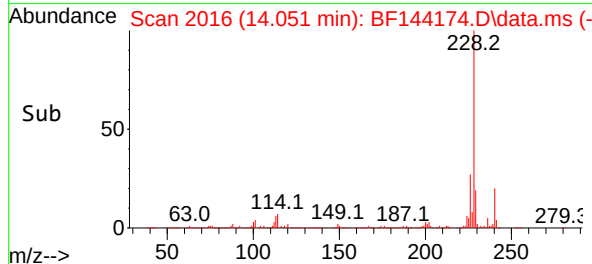
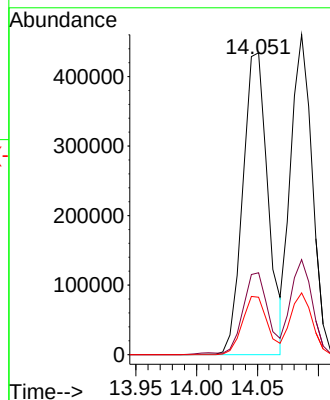
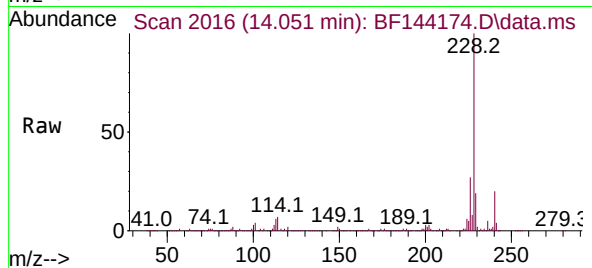




#81
Benzo(a)anthracene
Concen: 46.515 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

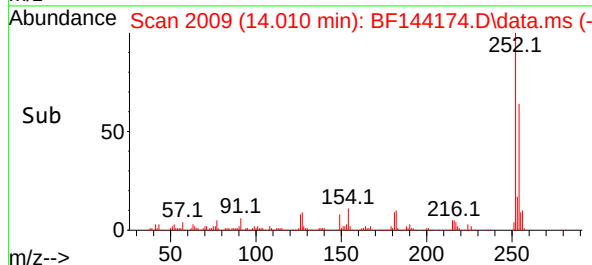
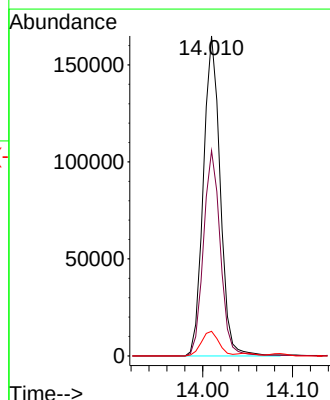
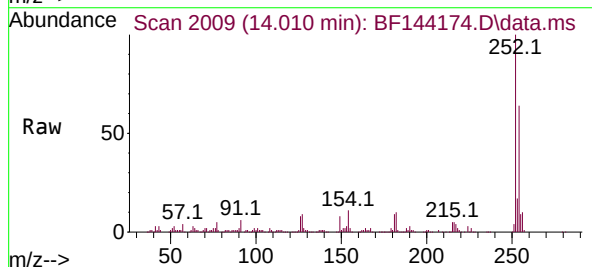
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

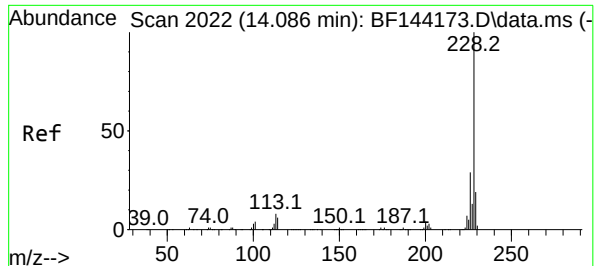
Tgt Ion:228 Resp: 626599
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.440 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 214437
Ion Ratio Lower Upper
252 100
254 64.1 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 45.489 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

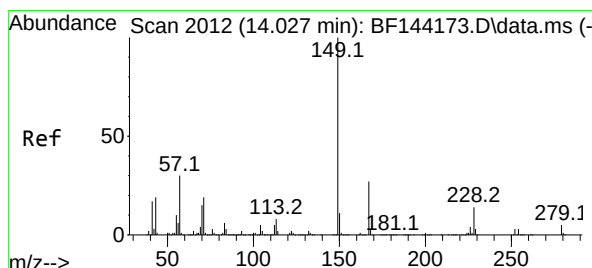
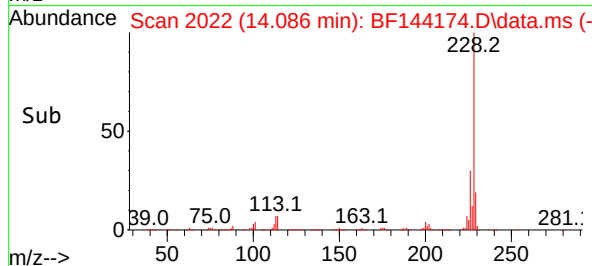
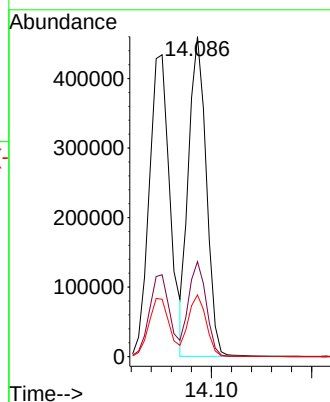
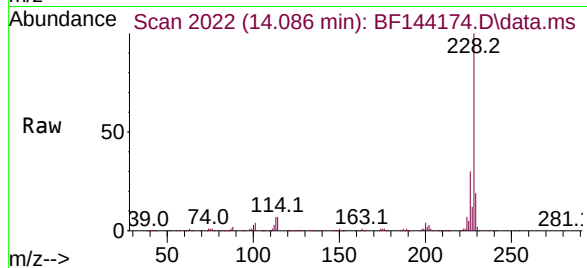
Tgt Ion:228 Resp: 565678

Ion Ratio Lower Upper

228 100

226 29.7 22.9 34.3

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.061 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

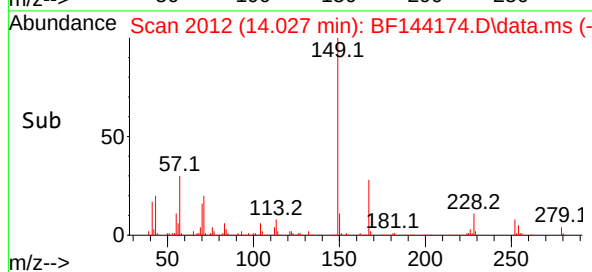
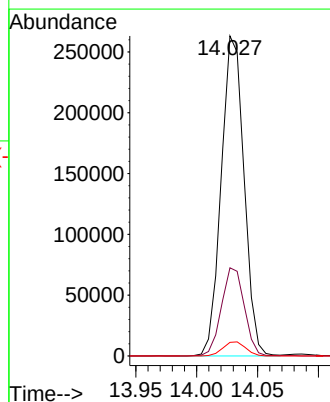
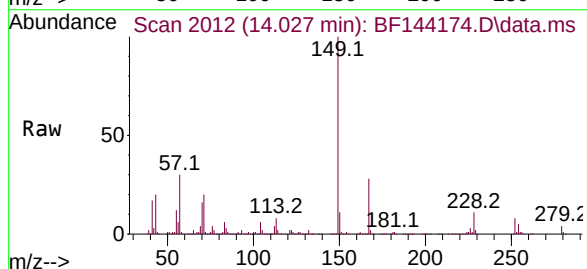
Tgt Ion:149 Resp: 342489

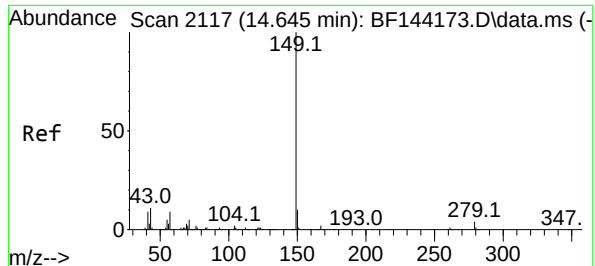
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.2 3.7 5.5

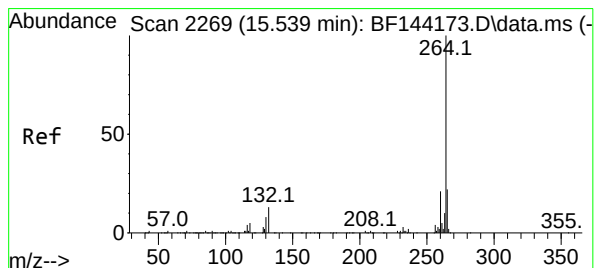
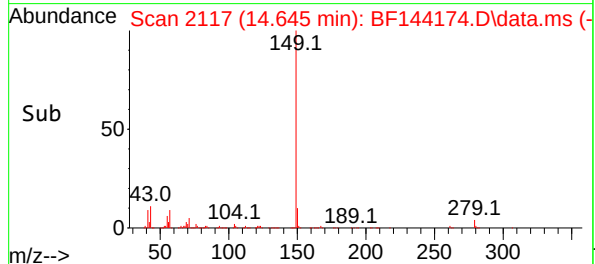
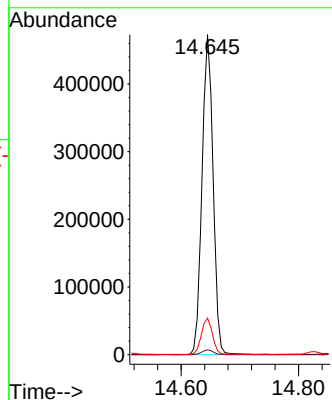
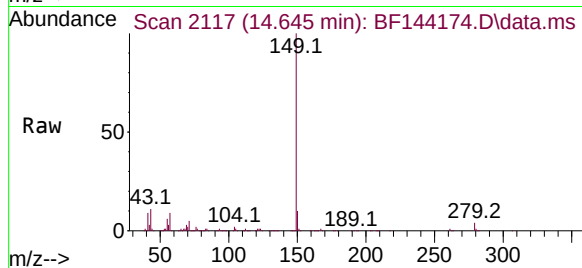




#85
Di-n-octyl phthalate
Concen: 48.068 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

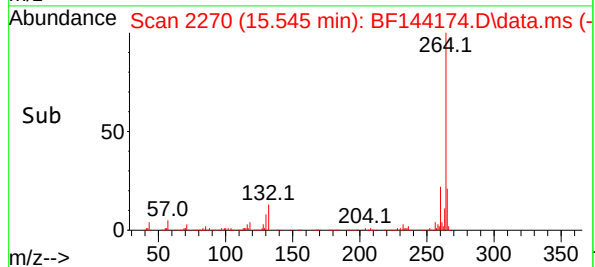
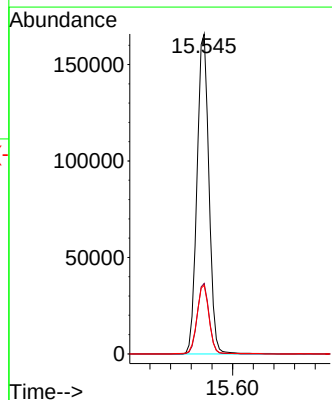
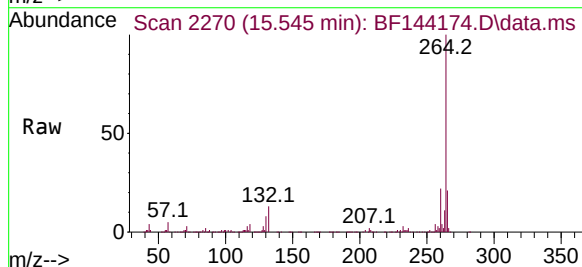
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

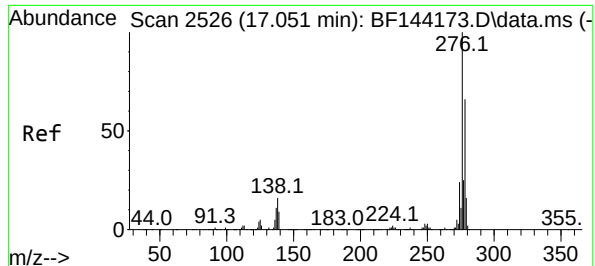
Tgt Ion:149 Resp: 616644
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:264 Resp: 264861
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 21.5 17.4 26.0

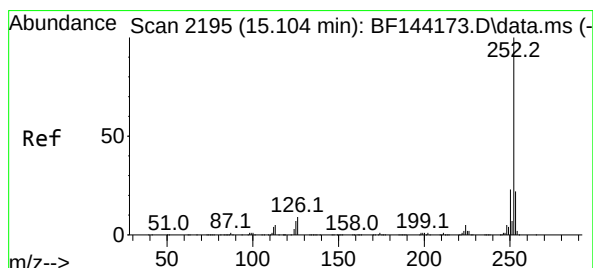
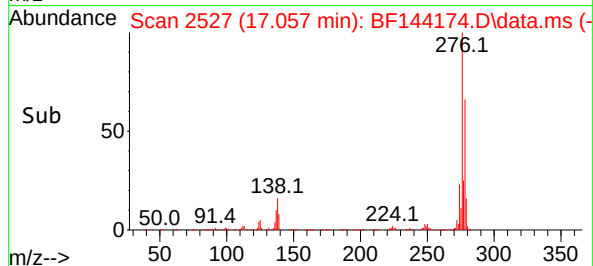
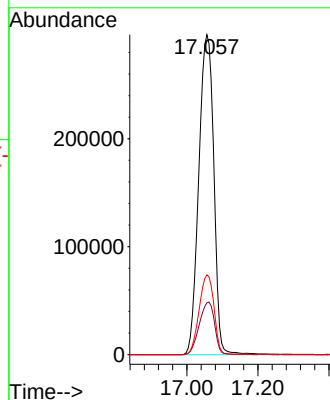
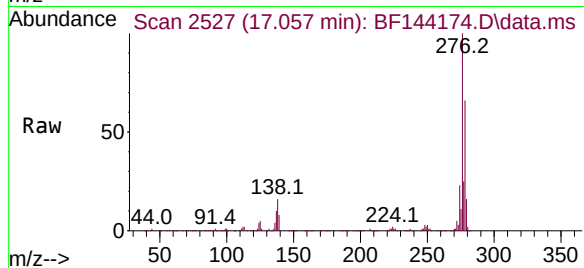




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.642 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

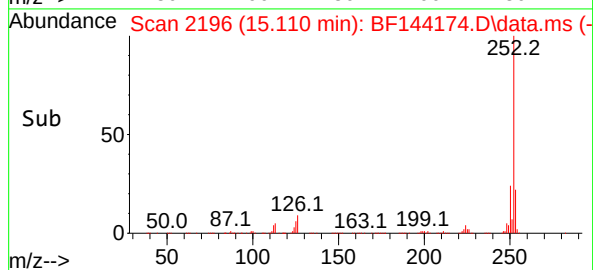
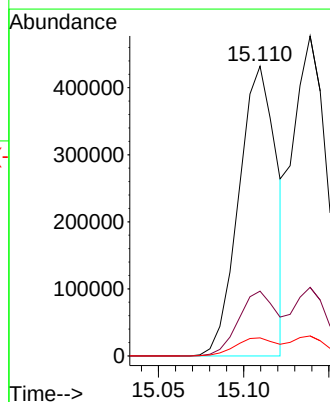
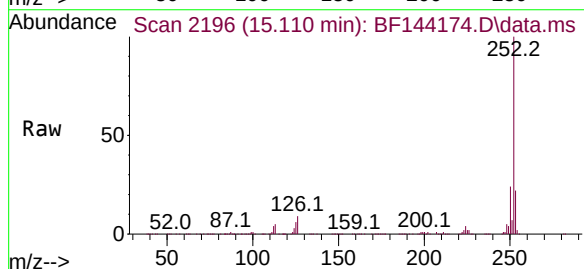
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

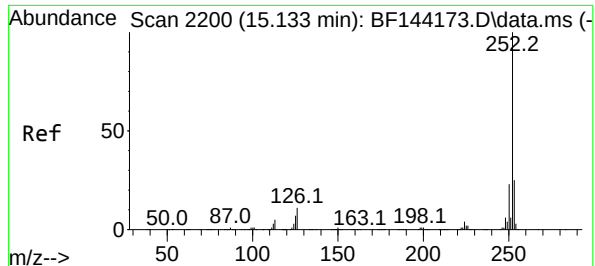
Tgt Ion:276 Resp: 867786
Ion Ratio Lower Upper
276 100
138 16.7 13.9 20.9
277 24.5 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.079 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 663728
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.952 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

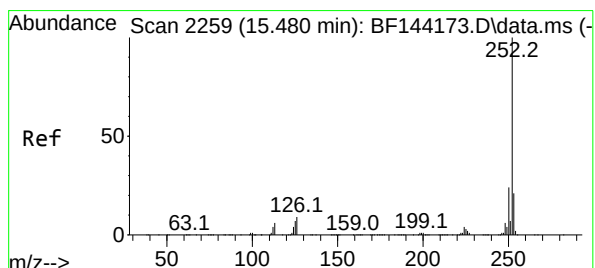
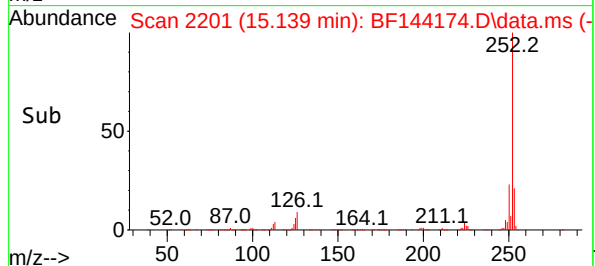
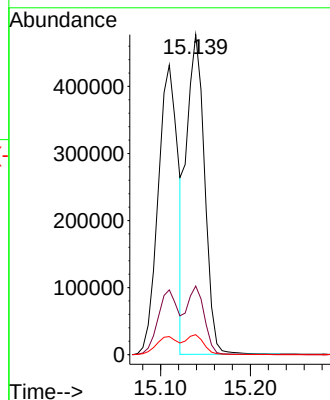
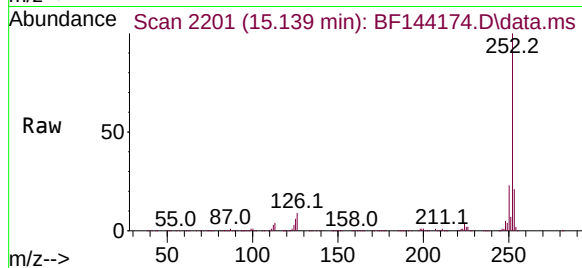
Tgt Ion:252 Resp: 661746

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 45.882 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

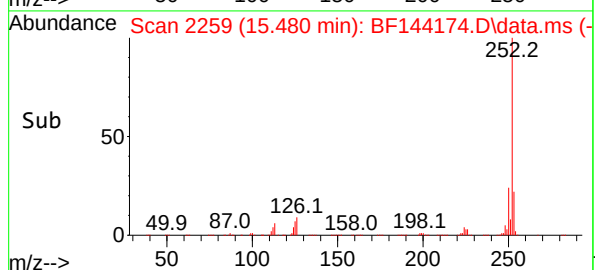
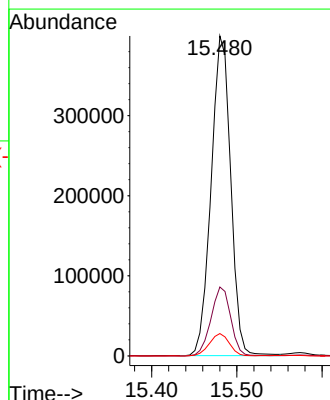
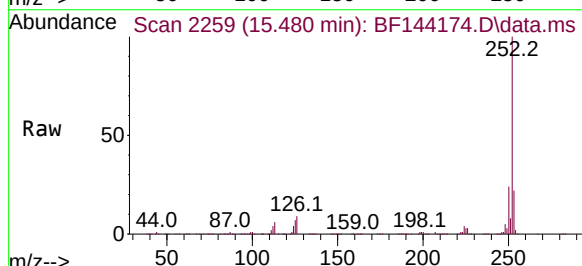
Tgt Ion:252 Resp: 637370

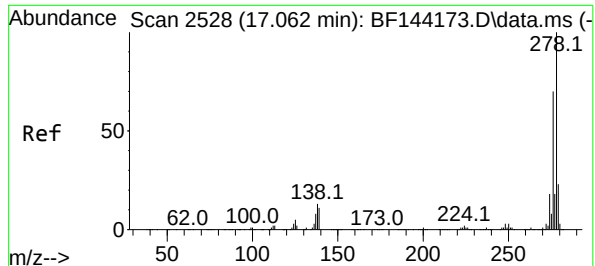
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.098 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

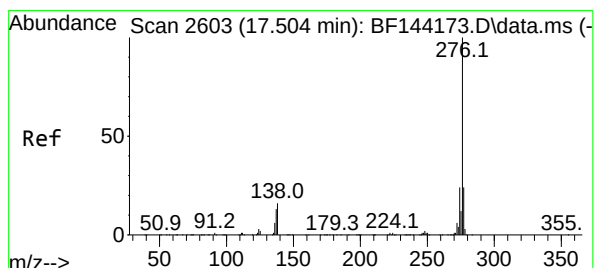
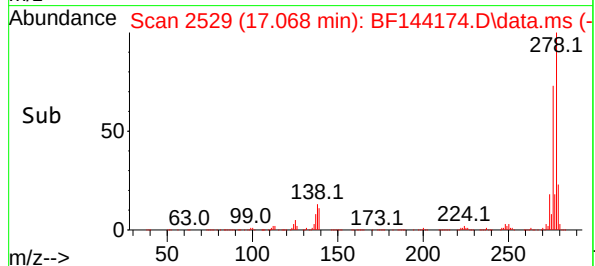
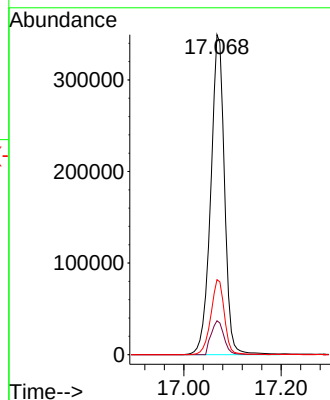
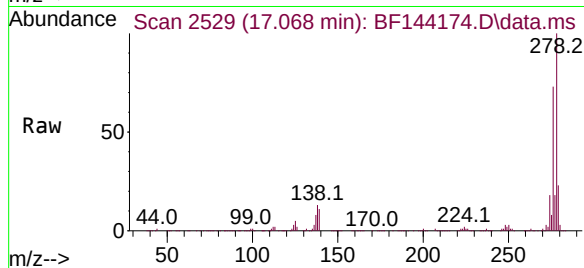
Tgt Ion:278 Resp: 688620

Ion Ratio Lower Upper

278 100

139 10.6 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 45.152 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

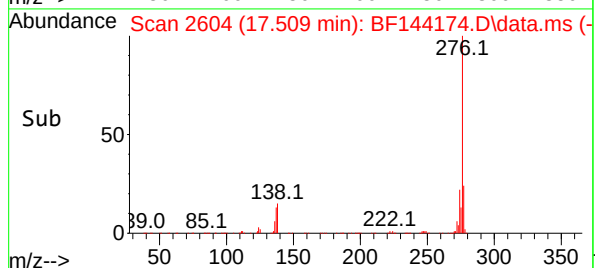
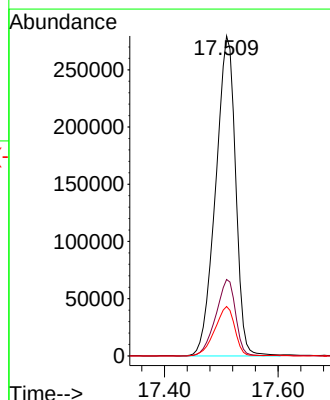
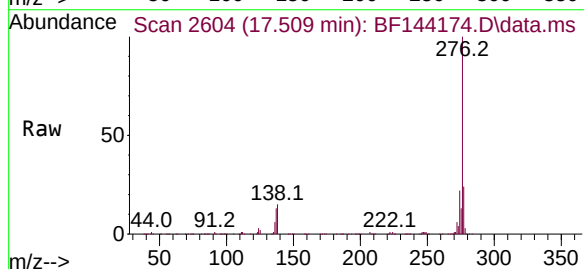
Tgt Ion:276 Resp: 680830

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 15.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 05 17:24:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63801	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126385	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145867	20.000	ng	0.00
86) Perylene-d12	15.539	264	205758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509184	124.890	ng	0.00
7) Phenol-d6	6.510	99	559443	121.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	519687	125.195	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	198226	124.986	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1047440	122.404	ng	0.00
79) Terphenyl-d14	12.998	244	1057426	115.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	109742	65.106	ng	99
3) Pyridine	3.375	79	307664	65.424	ng	97
4) n-Nitrosodimethylamine	3.334	42	166098	67.619	ng	97
6) Aniline	6.539	93	409356	62.194	ng	99
8) 2-Chlorophenol	6.663	128	247503	61.902	ng	99
9) Benzaldehyde	6.428	77	150534	57.706	ng	98
10) Phenol	6.522	94	342646	60.707	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	256657	62.405	ng	96
12) 1,3-Dichlorobenzene	6.816	146	303642	61.543	ng	98
13) 1,4-Dichlorobenzene	6.892	146	306973	62.104	ng	99
14) 1,2-Dichlorobenzene	7.045	146	293432	61.936	ng	99
15) Benzyl Alcohol	7.016	79	229107	62.632	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	467387	61.712	ng	96
17) 2-Methylphenol	7.128	107	191705	60.269	ng	96
18) Hexachloroethane	7.386	117	103964	63.308	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	179314	58.963	ng	96
20) 3+4-Methylphenols	7.281	107	224891	59.977	ng	91
22) Acetophenone	7.286	105	302907	58.897	ng	94
24) Nitrobenzene	7.463	77	285924	63.439	ng	98
25) Isophorone	7.698	82	485836	61.876	ng	99
26) 2-Nitrophenol	7.775	139	144140	64.606	ng	96
27) 2,4-Dimethylphenol	7.810	122	212249	63.471	ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	304411	62.085	ng	99
29) 2,4-Dichlorophenol	8.016	162	234718	60.899	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	240858	60.858	ng	98
31) Naphthalene	8.181	128	684579	60.028	ng	100
32) Benzoic acid	7.933	122	136682	55.761	ng	96
33) 4-Chloroaniline	8.228	127	255554	61.441	ng	98
34) Hexachlorobutadiene	8.298	225	182626	61.229	ng	98
35) Caprolactam	8.610	113	62840	59.512	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	208910	60.481	ng	99
37) 2-Methylnaphthalene	8.875	142	447909	58.743	ng	98
38) 1-Methylnaphthalene	8.975	142	431529	58.654	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	271508	65.549	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95909	64.419	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	185412	65.769	ng	98

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 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

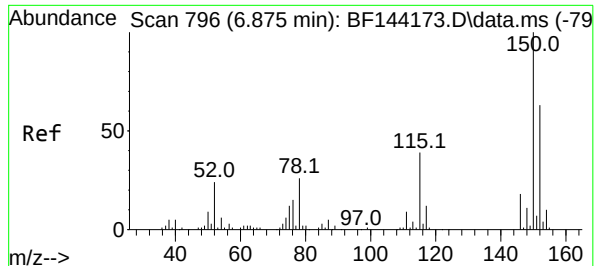
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 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46) 1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47) 2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48) 2-Nitroaniline	9.457	65	141938	65.370	ng	98
49) Acenaphthylene	9.775	152	636324	62.050	ng	100
50) Dimethylphthalate	9.633	163	521205	62.250	ng	99
51) 2,6-Dinitrotoluene	9.698	165	110140	64.983	ng	99
52) Acenaphthene	9.951	154	423653	61.778	ng	99
53) 3-Nitroaniline	9.869	138	119967	64.749	ng	100
54) 2,4-Dinitrophenol	9.980	184	63597	62.138	ng	98
55) Dibenzofuran	10.122	168	592400	61.680	ng	98
56) 4-Nitrophenol	10.033	139	80163	59.812	ng	97
57) 2,4-Dinitrotoluene	10.104	165	142910	62.984	ng	97
58) Fluorene	10.469	166	435687	59.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	140953	65.569	ng	97
60) Diethylphthalate	10.333	149	468931	60.755	ng	98
61) 4-Chlorophenyl-phenylether	10.457	204	249857	60.068	ng	97
62) 4-Nitroaniline	10.486	138	109153	61.862	ng	97
63) Azobenzene	10.616	77	453890	63.187	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90823	62.727	ng	97
66) n-Nitrosodiphenylamine	10.574	169	421720	61.520	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	170395	62.634	ng	99
68) Hexachlorobenzene	11.016	284	204258	63.744	ng	96
69) Atrazine	11.104	200	134002	61.467	ng	100
70) Pentachlorophenol	11.216	266	103466	64.842	ng	99
71) Phenanthrene	11.433	178	641461	60.448	ng	99
72) Anthracene	11.486	178	656819	60.871	ng	100
73) Carbazole	11.639	167	546322	59.542	ng	100
74) Di-n-butylphthalate	11.969	149	677444	61.075	ng	99
75) Fluoranthene	12.627	202	667021	60.849	ng	99
77) Benzidine	12.745	184	277725	64.368	ng	100
78) Pyrene	12.857	202	686663	58.384	ng	100
80) Butylbenzylphthalate	13.468	149	249274	61.152	ng	100
81) Benzo(a)anthracene	14.051	228	653341	64.625	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	232807	67.182	ng	96
83) Chrysene	14.086	228	580449	62.196	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	351501	62.991	ng	98
85) Di-n-octyl phthalate	14.645	149	631065	65.547	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	938738	63.557	ng	100
88) Benzo(b)fluoranthene	15.109	252	700099	59.849	ng	99
89) Benzo(k)fluoranthene	15.139	252	699851	63.919	ng	98
90) Benzo(a)pyrene	15.480	252	680720	63.078	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	746544	62.936	ng	98
92) Benzo(g,h,i)perylene	17.515	276	757880	64.699	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

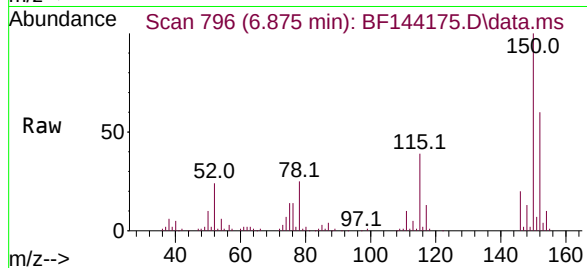
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ClientSampleId :
SSTDICC060

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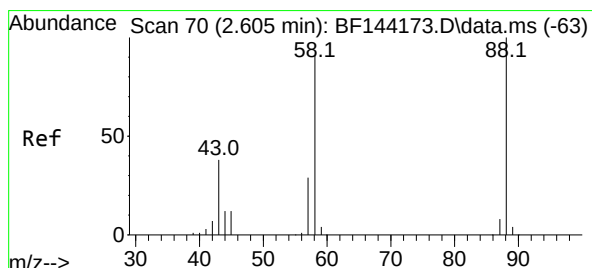
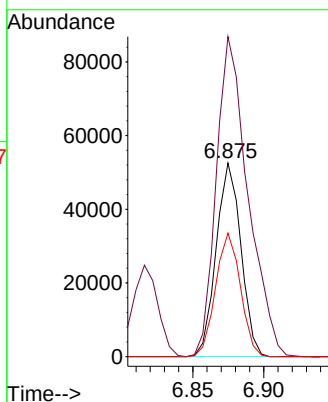
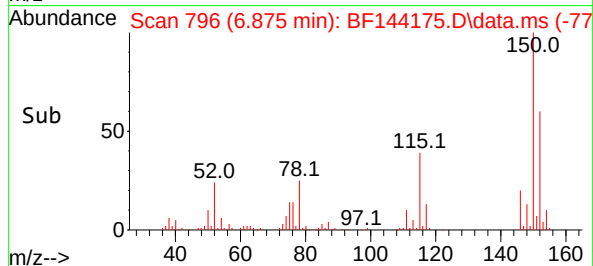


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

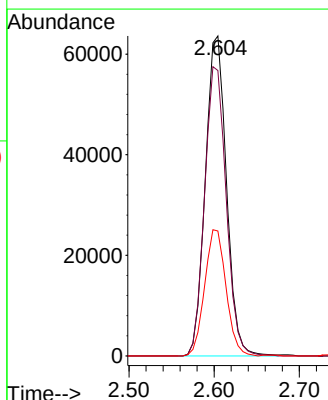
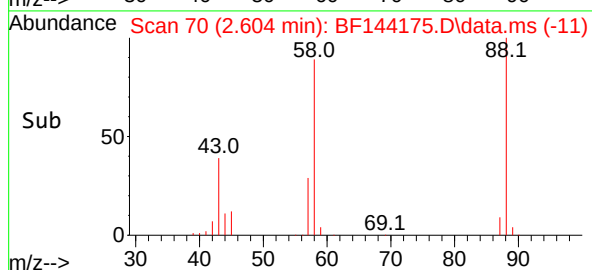
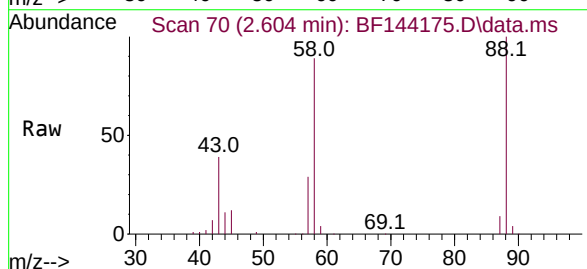


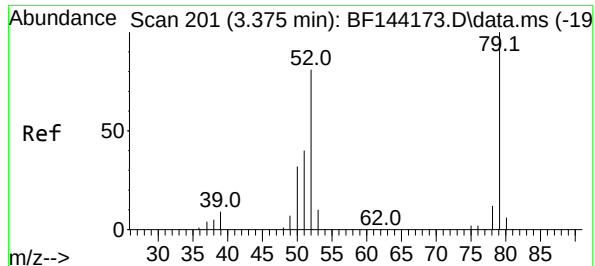
Tgt Ion:152 Resp: 63801
Ion Ratio Lower Upper
152 100
150 165.3 127.4 191.0
115 63.8 49.5 74.3



#2
1,4-Dioxane
Concen: 65.106 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 88 Resp: 109742
Ion Ratio Lower Upper
88 100
58 92.2 73.1 109.7
43 39.9 31.0 46.6





#3

Pyridine

Concen: 65.424 ng

RT: 3.375 min Scan# 201

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

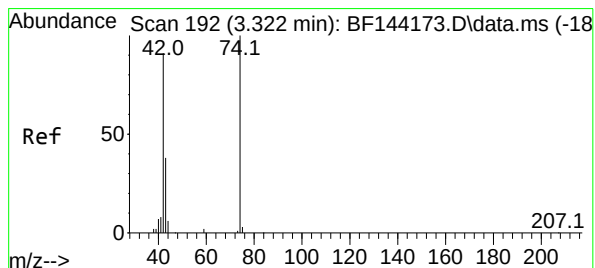
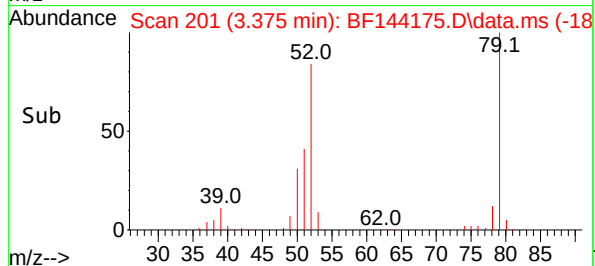
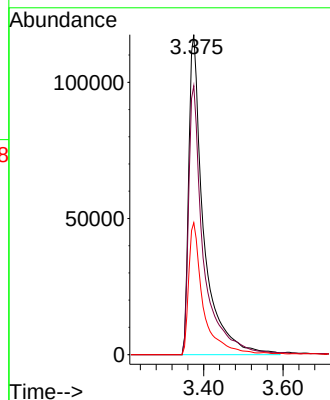
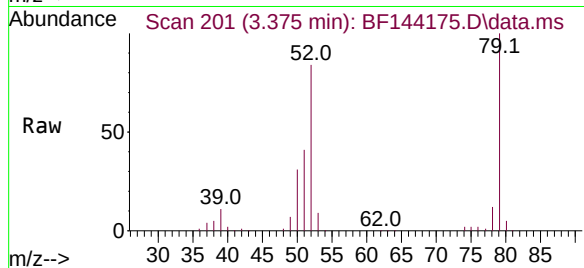
Tgt Ion: 79 Resp: 307664

Ion Ratio Lower Upper

79 100

52 84.0 64.5 96.7

51 41.2 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 67.619 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

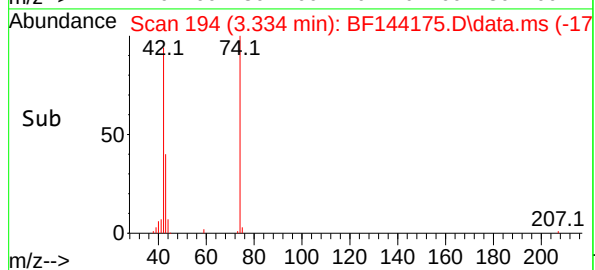
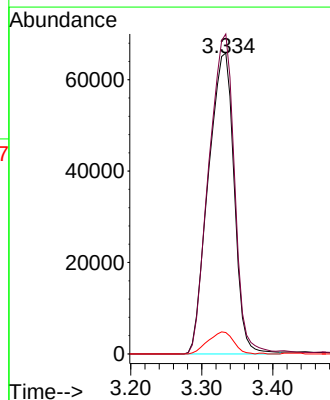
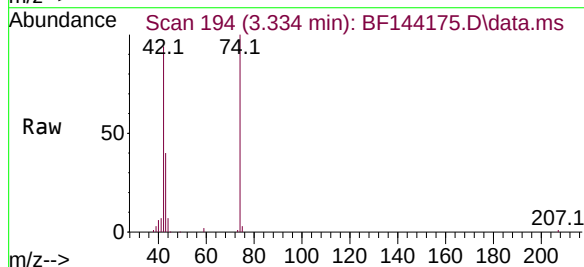
Tgt Ion: 42 Resp: 166098

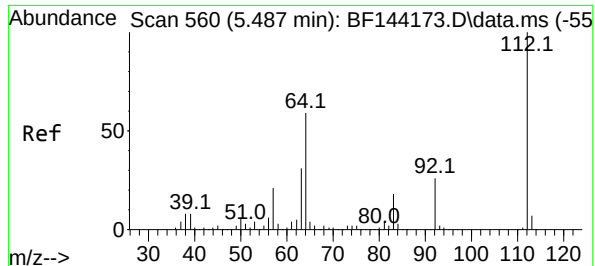
Ion Ratio Lower Upper

42 100

74 106.4 88.2 132.4

44 7.1 5.7 8.5

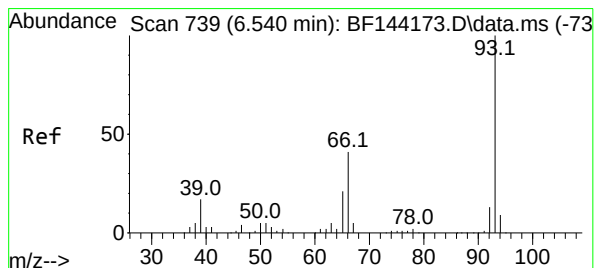
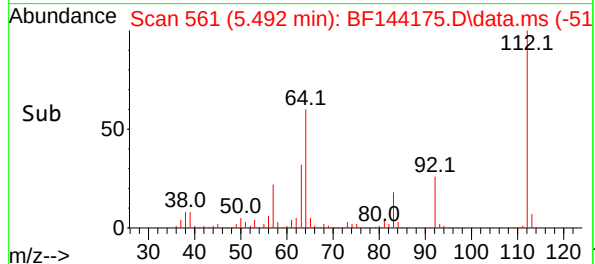
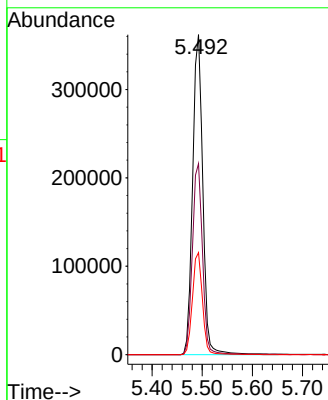
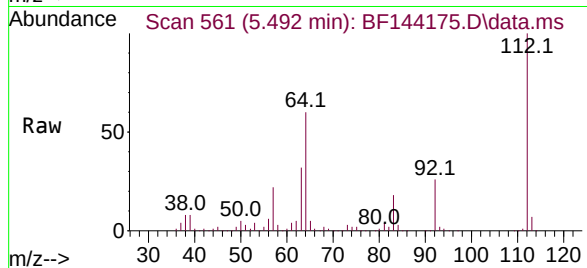




#5
2-Fluorophenol
Concen: 124.890 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

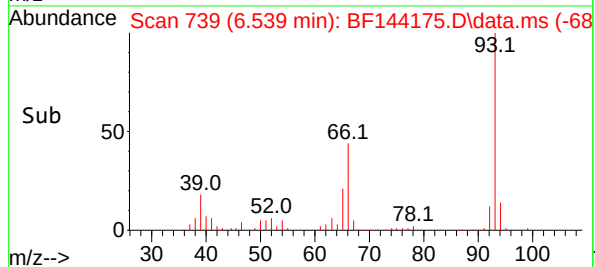
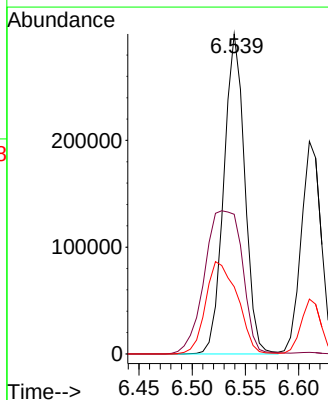
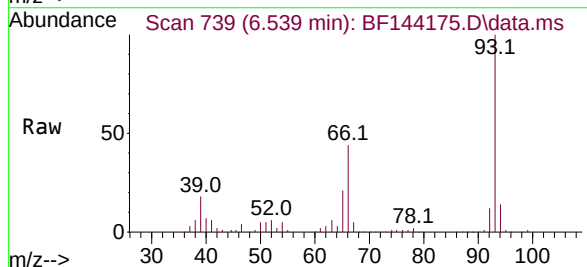
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

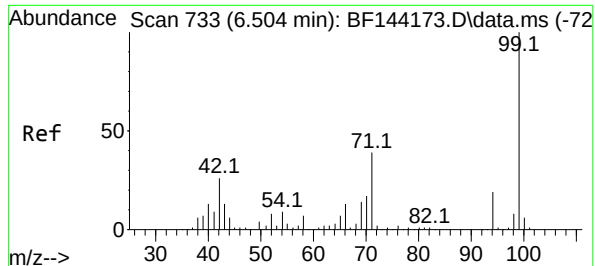
Tgt Ion:112 Resp: 509184
Ion Ratio Lower Upper
112 100
64 59.7 47.2 70.8
63 31.9 24.4 36.6



#6
Aniline
Concen: 62.194 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 409356
Ion Ratio Lower Upper
93 100
66 43.6 34.3 51.5
65 21.0 16.9 25.3





#7

Phenol-d6

Concen: 121.101 ng

RT: 6.510 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

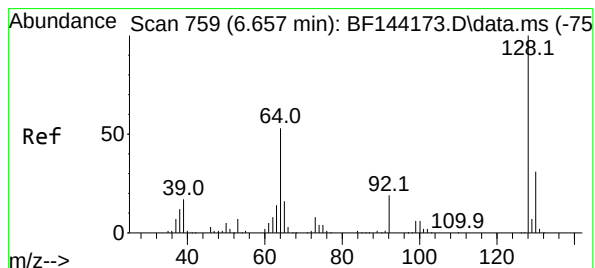
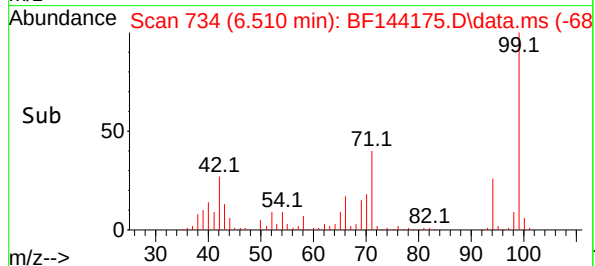
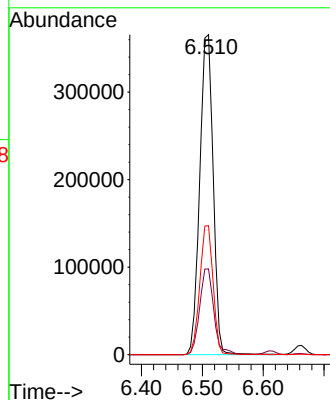
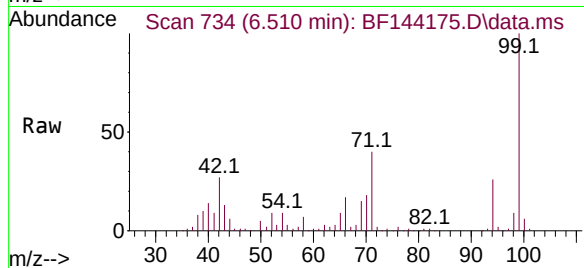
Tgt Ion: 99 Resp: 559443

Ion Ratio Lower Upper

99 100

42 26.8 20.9 31.3

71 40.3 31.4 47.2



#8

2-Chlorophenol

Concen: 61.902 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

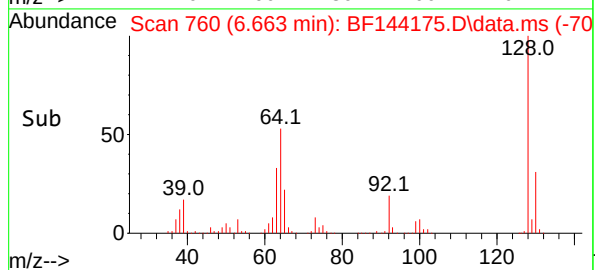
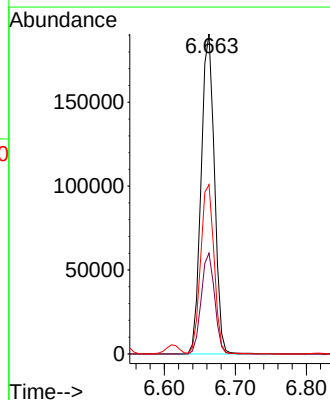
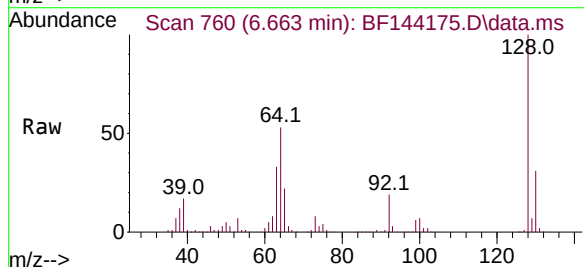
Tgt Ion: 128 Resp: 247503

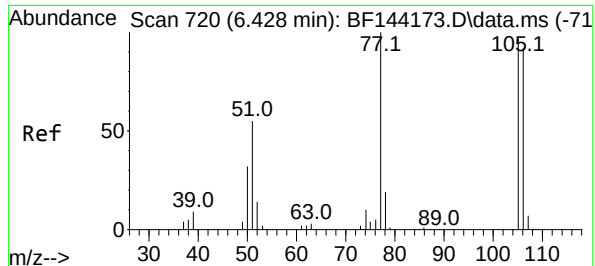
Ion Ratio Lower Upper

128 100

130 31.5 10.5 50.5

64 52.9 33.2 73.2



#9
Benzaldehyde

Concen: 57.706 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

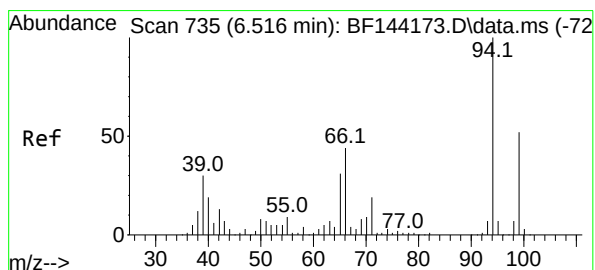
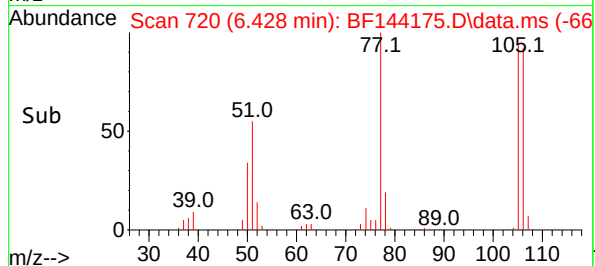
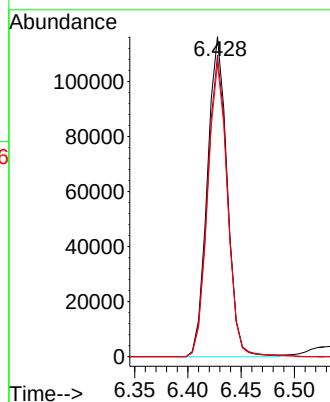
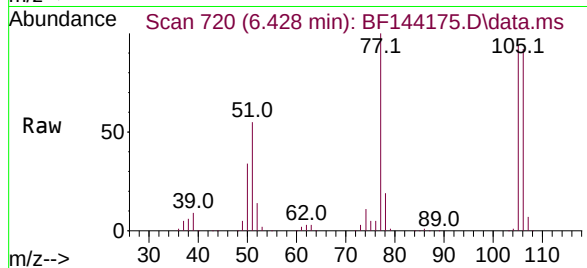
Tgt Ion: 77 Resp: 150534

Ion Ratio Lower Upper

77 100

105 94.2 77.2 117.2

106 91.6 72.2 112.2



#10

Phenol

Concen: 60.707 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

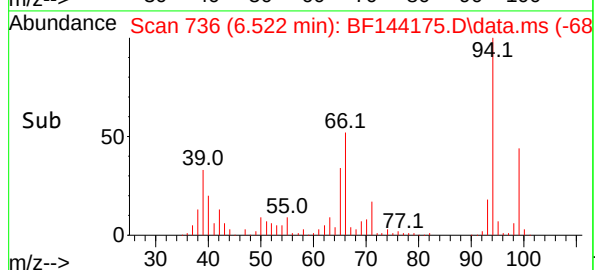
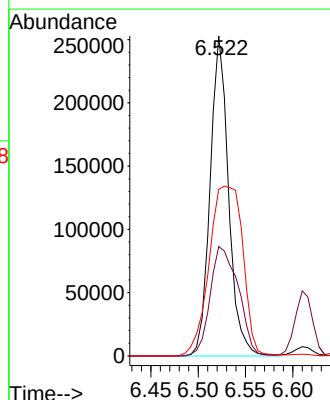
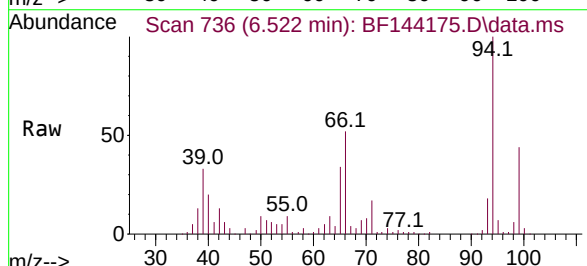
Tgt Ion: 94 Resp: 342646

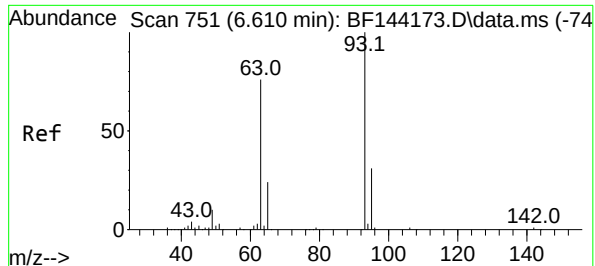
Ion Ratio Lower Upper

94 100

65 34.2 10.8 50.8

66 52.1 24.3 64.3

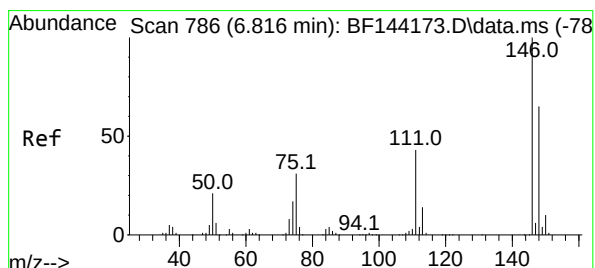
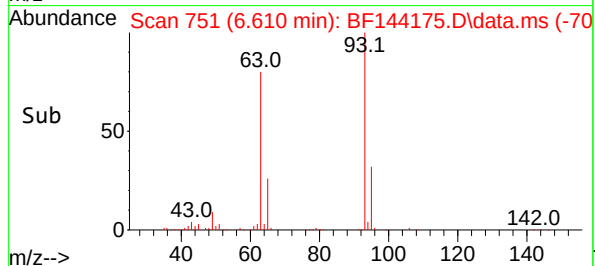
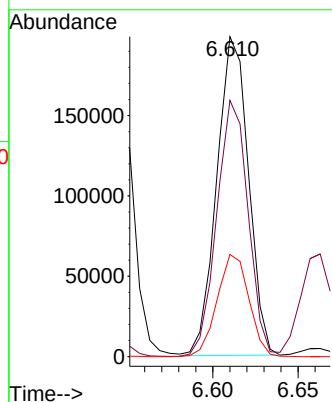
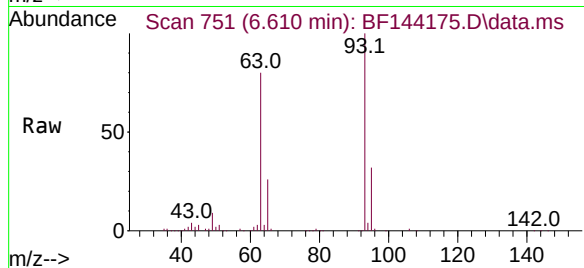




#11
bis(2-Chloroethyl)ether
Concen: 62.405 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

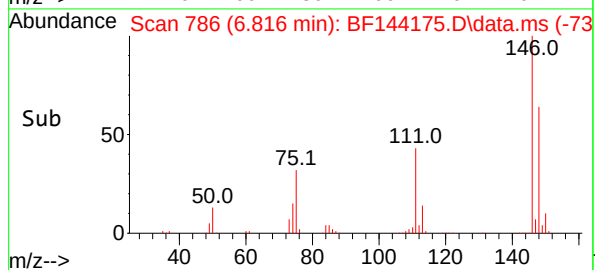
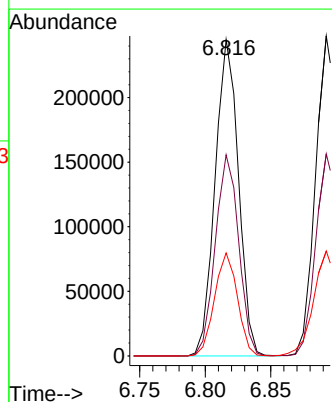
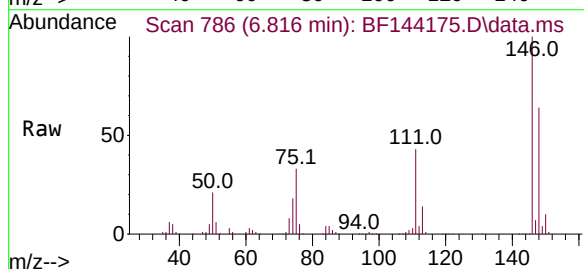
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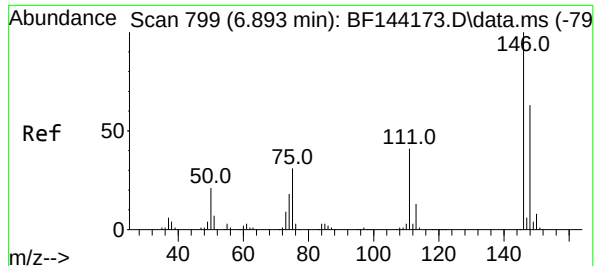
Tgt Ion: 93 Resp: 256657
Ion Ratio Lower Upper
93 100
63 80.1 55.2 95.2
95 31.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 61.543 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 146 Resp: 303642
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 32.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 62.104 ng

RT: 6.892 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

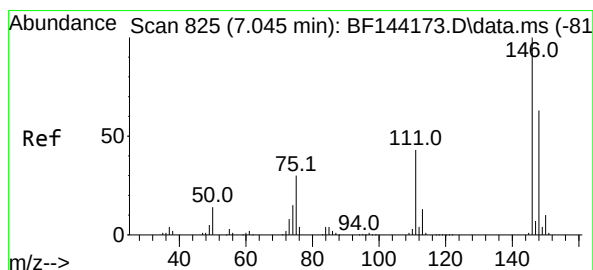
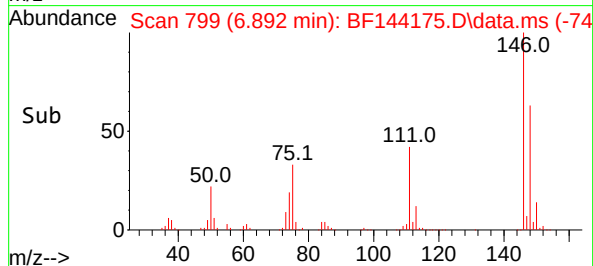
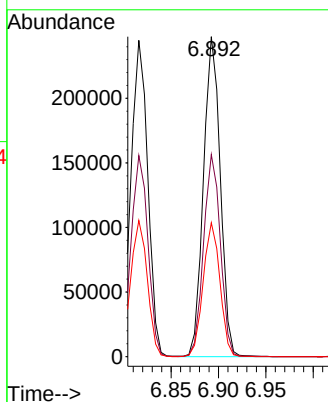
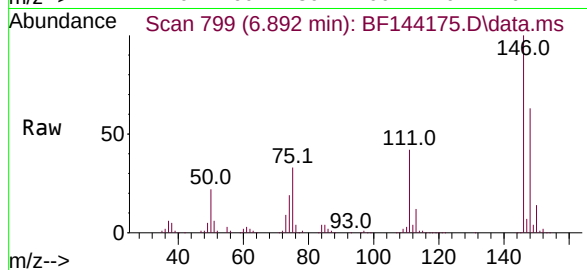
Tgt Ion:146 Resp: 306973

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 41.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 61.936 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

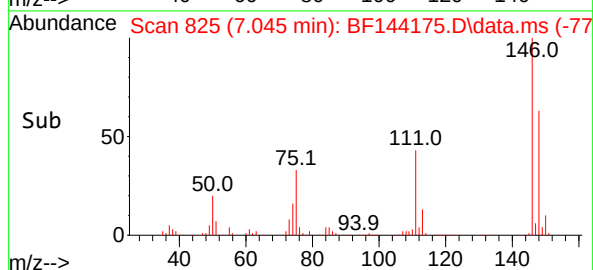
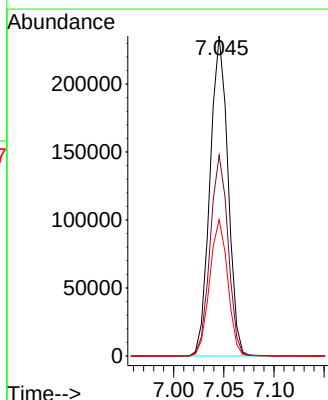
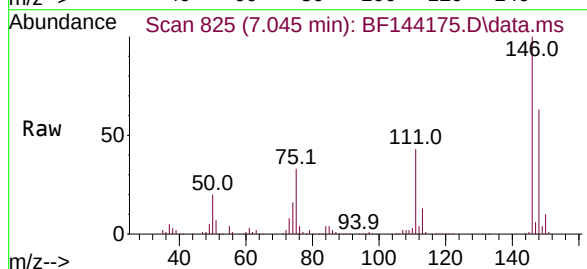
Tgt Ion:146 Resp: 293432

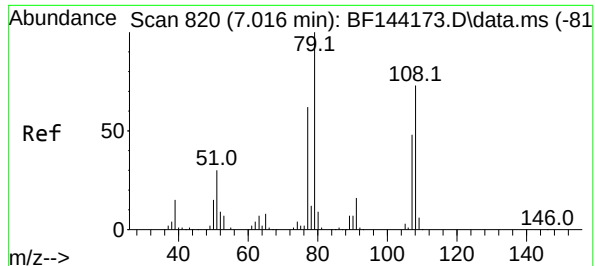
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 42.6 34.2 51.4

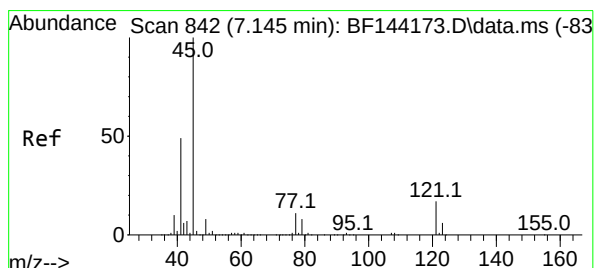
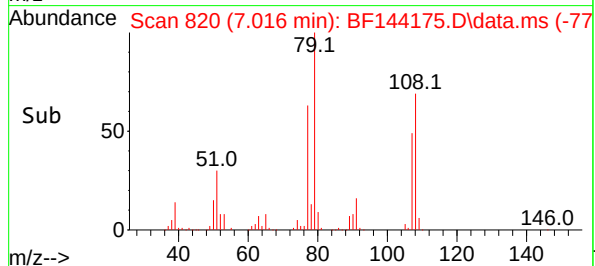
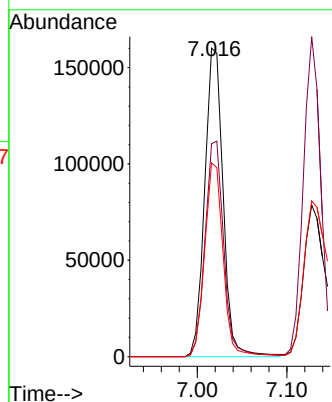
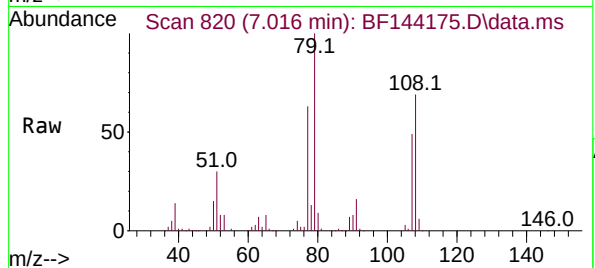




#15
Benzyl Alcohol
Concen: 62.632 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

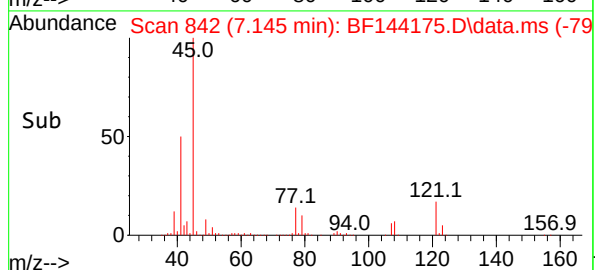
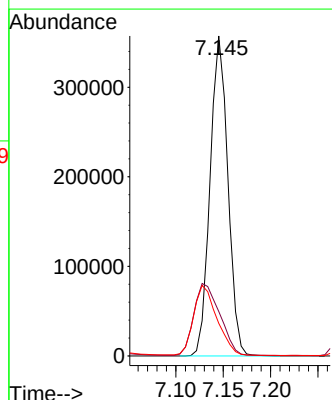
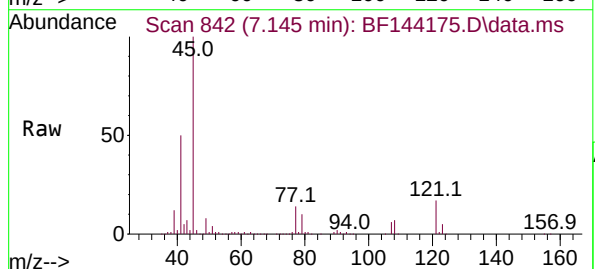
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

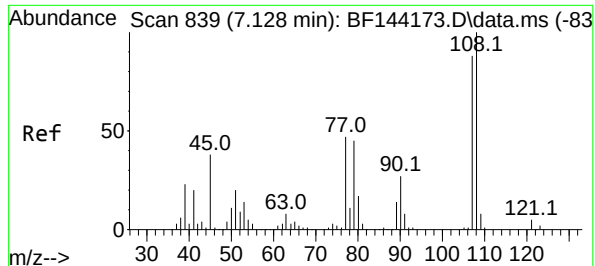
Tgt Ion: 79 Resp: 229107
Ion Ratio Lower Upper
79 100
108 69.0 58.2 87.4
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 61.712 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 45 Resp: 467387
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.8
79 10.2 0.0 29.1

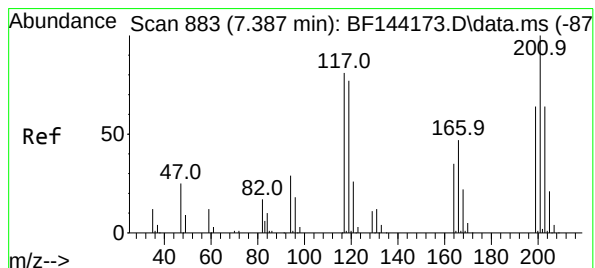
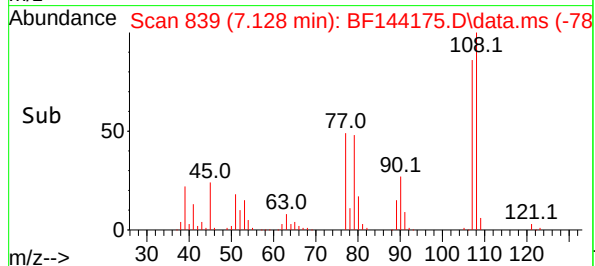
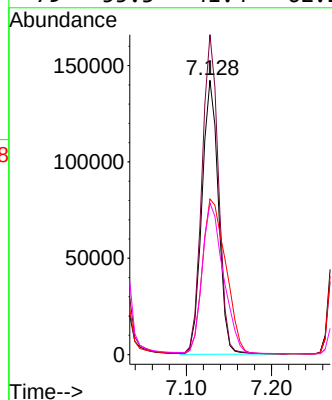
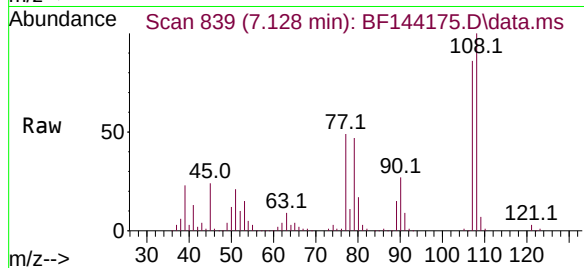




#17
2-Methylphenol
Concen: 60.269 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

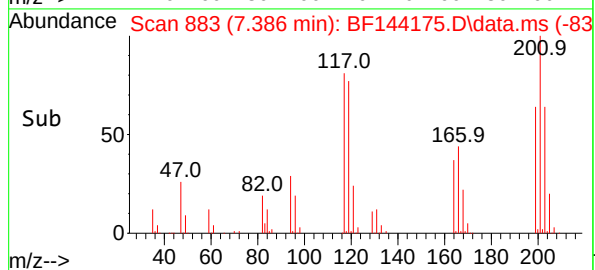
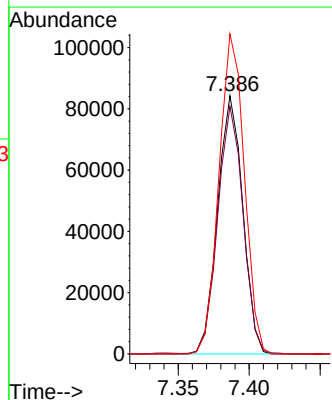
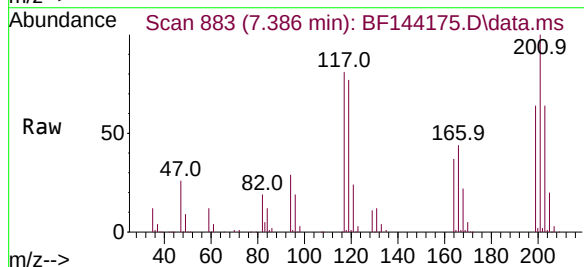
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

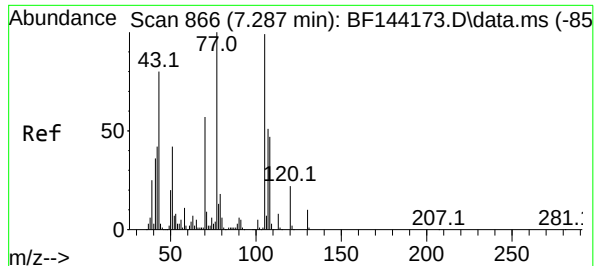
Tgt Ion:	107	Resp:	191705
Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.0	136.4
77	56.7	42.7	64.1
79	55.3	41.4	62.2



#18
Hexachloroethane
Concen: 63.308 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:	117	Resp:	103964
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	123.9	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 58.963 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 179314

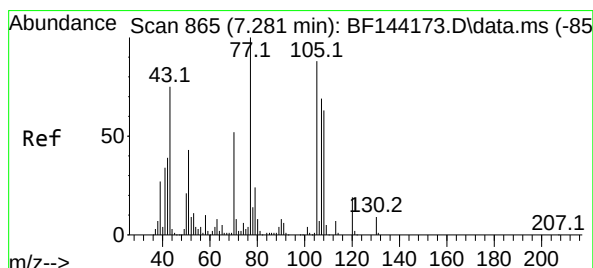
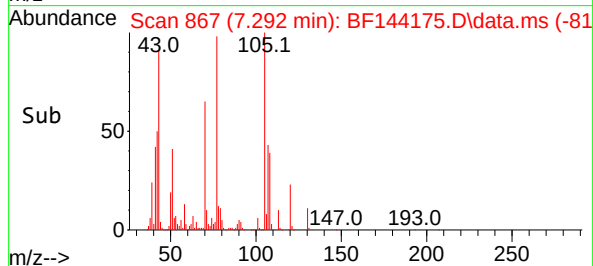
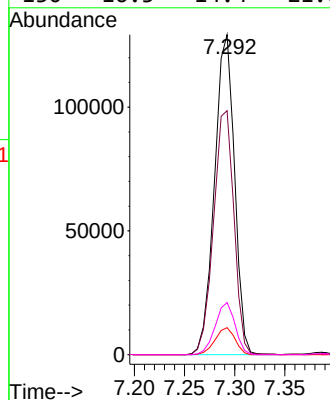
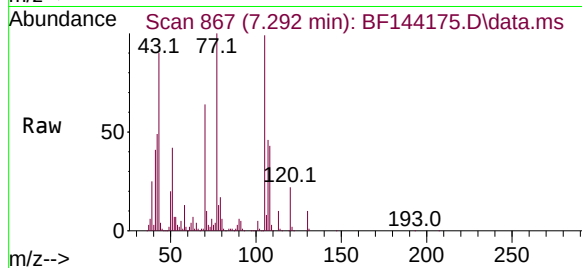
Ion Ratio Lower Upper

70 100

42 76.2 58.3 87.5

101 8.4 7.0 10.6

130 16.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 59.977 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:107 Resp: 224891

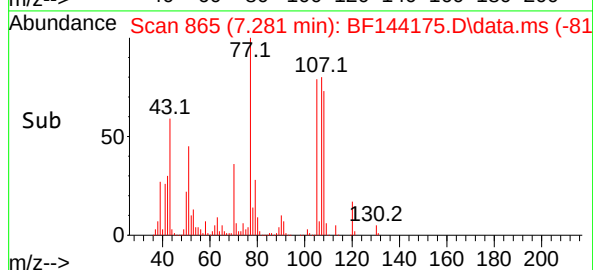
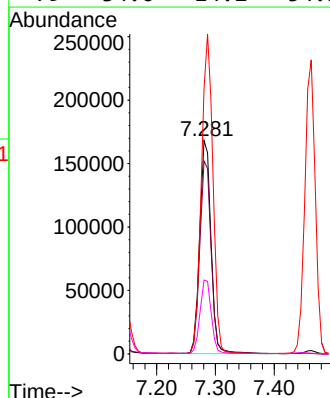
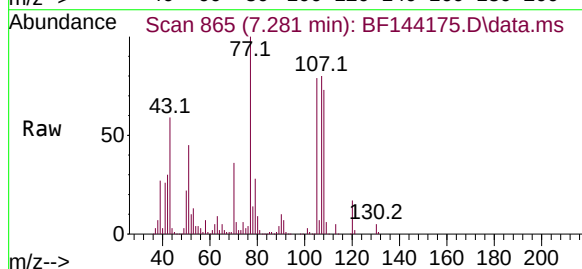
Ion Ratio Lower Upper

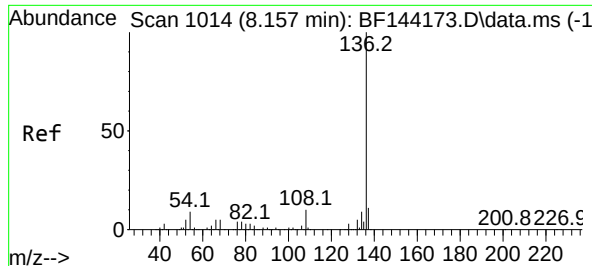
107 100

108 90.4 70.2 110.2

77 124.2 123.9 163.9

79 34.6 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 239743

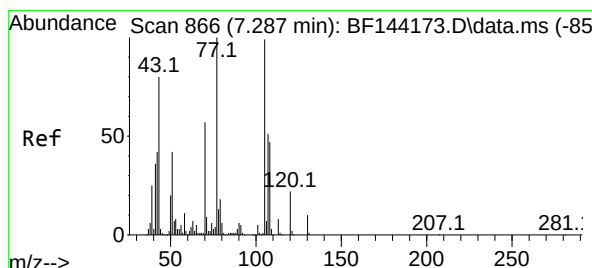
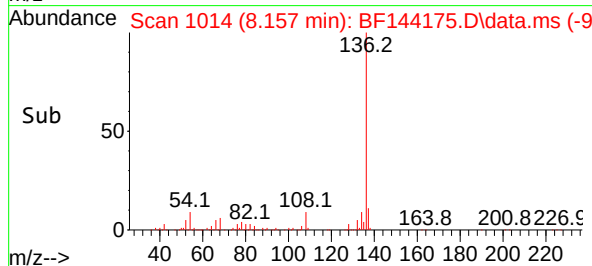
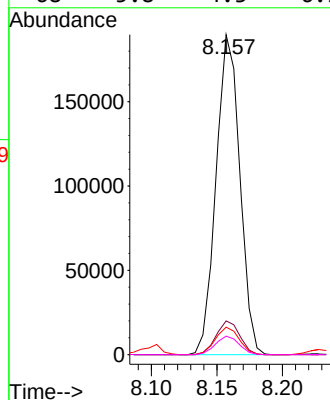
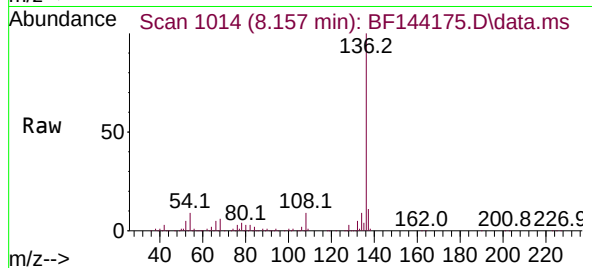
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.6 7.0 10.6

68 5.8 4.3 6.5



#22

Acetophenone

Concen: 58.897 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:105 Resp: 302907

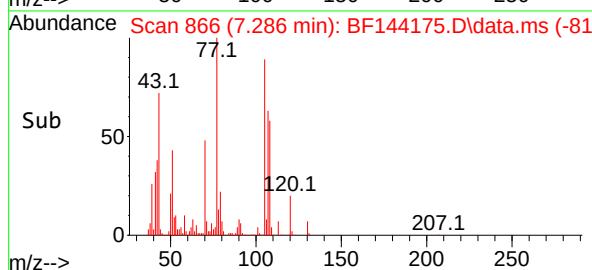
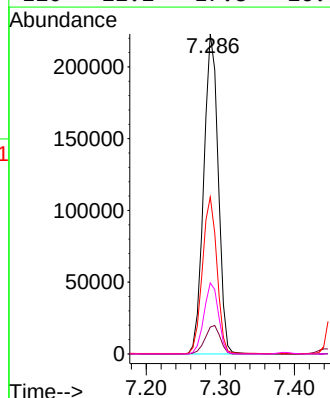
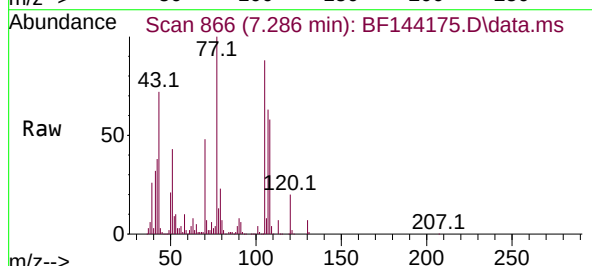
Ion Ratio Lower Upper

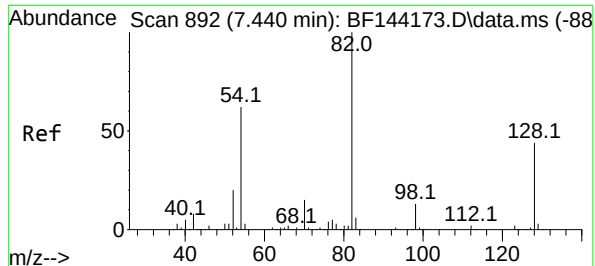
105 100

71 8.4 7.2 10.8

51 49.0 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 125.195 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

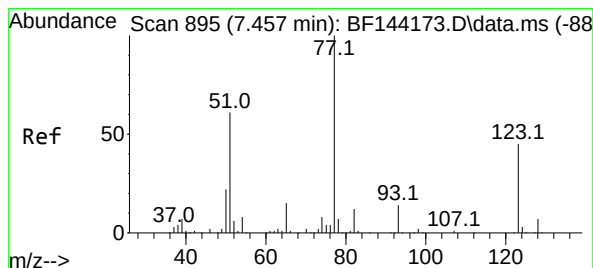
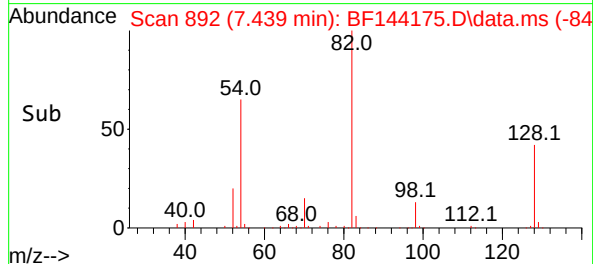
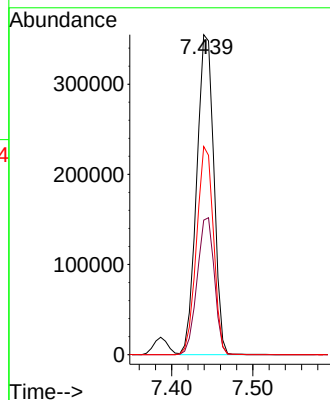
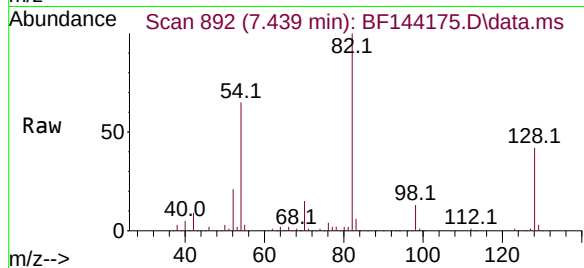
Tgt Ion: 82 Resp: 519687

Ion Ratio Lower Upper

82 100

128 42.0 34.7 52.1

54 65.1 49.5 74.3



#24

Nitrobenzene

Concen: 63.439 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

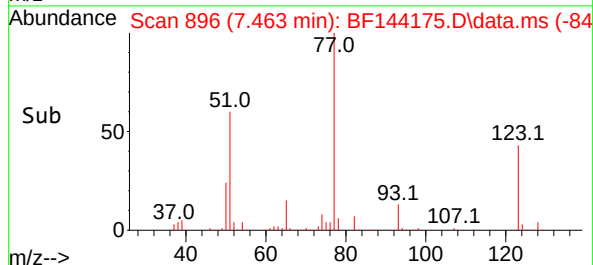
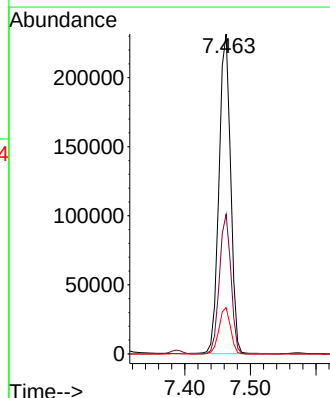
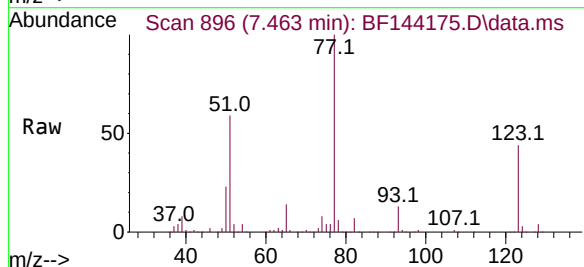
Tgt Ion: 77 Resp: 285924

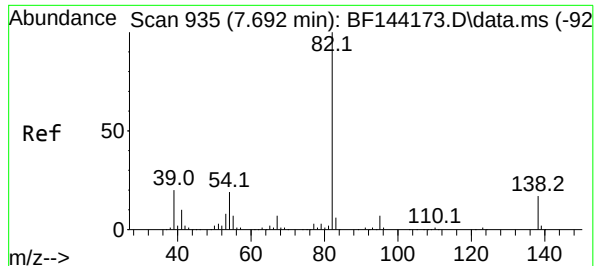
Ion Ratio Lower Upper

77 100

123 43.6 35.8 53.8

65 14.5 12.2 18.2





#25

Isophorone

Concen: 61.876 ng

RT: 7.698 min Scan# 936

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

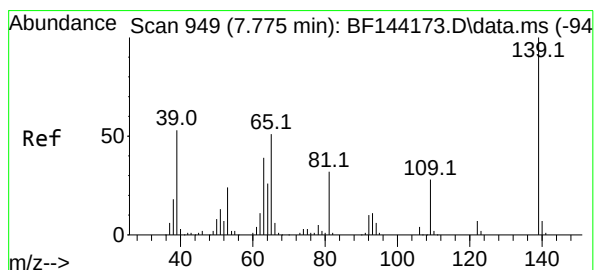
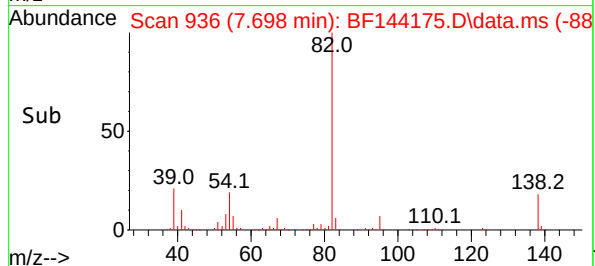
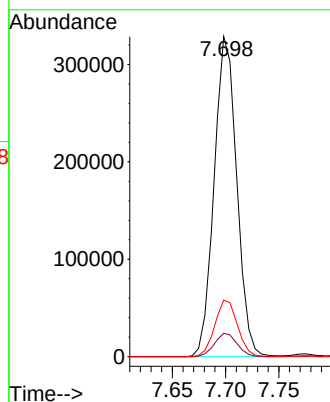
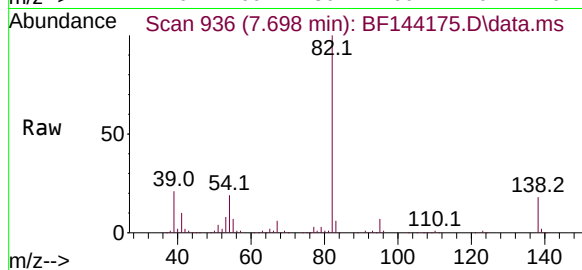
Tgt Ion: 82 Resp: 485836

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 17.7 13.7 20.5



#26

2-Nitrophenol

Concen: 64.606 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

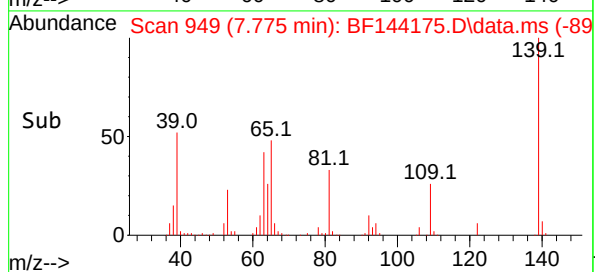
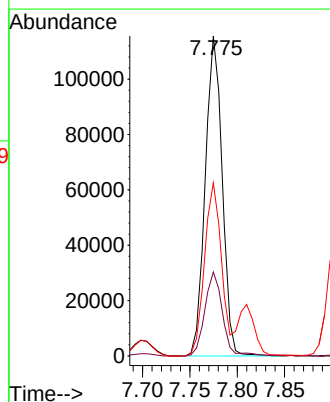
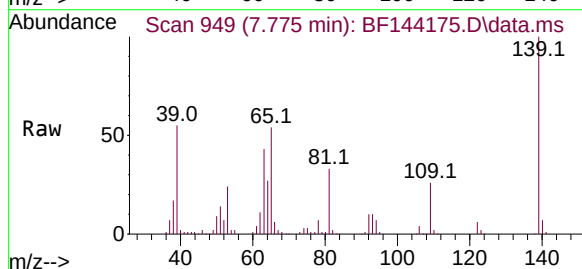
Tgt Ion:139 Resp: 144140

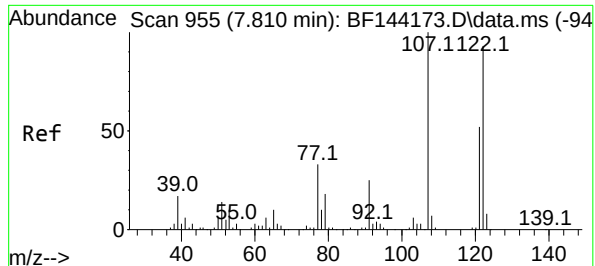
Ion Ratio Lower Upper

139 100

109 26.2 22.2 33.2

65 54.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 63.471 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

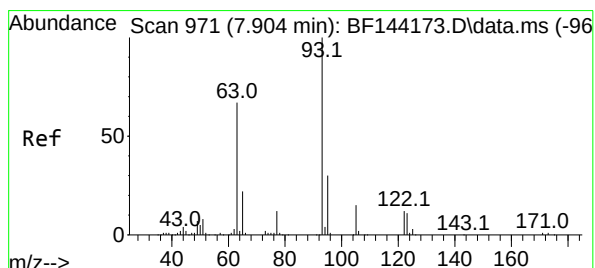
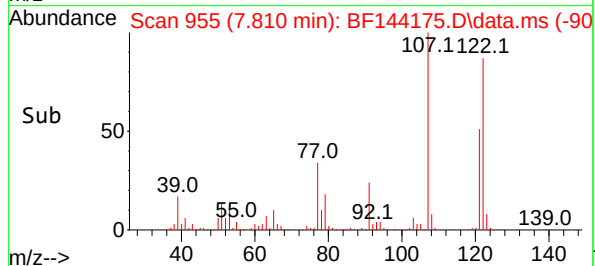
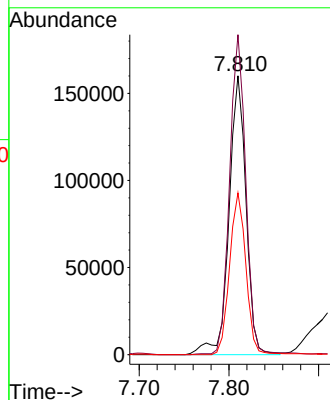
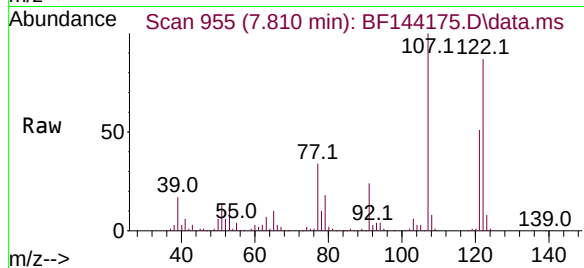
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 212249

Ion	Ratio	Lower	Upper
122	100		
107	114.7	86.2	129.4
121	58.0	44.6	66.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.085 ng

RT: 7.904 min Scan# 971

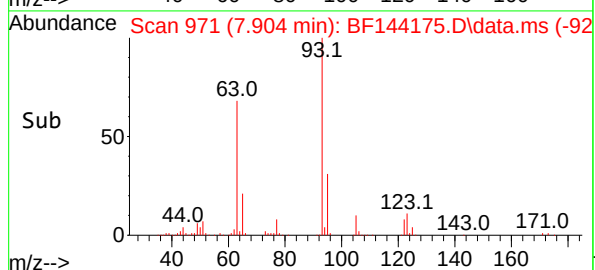
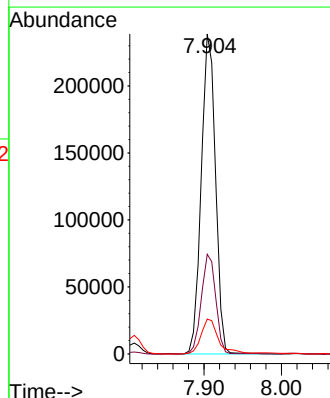
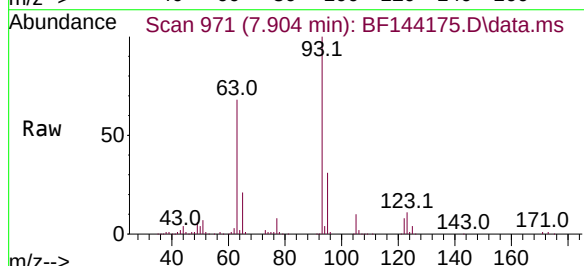
Delta R.T. -0.006 min

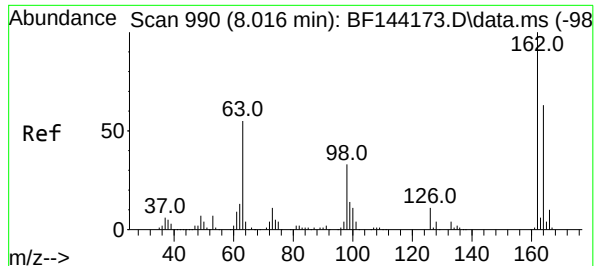
Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 304411

Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.2	36.4
123	10.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 60.899 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

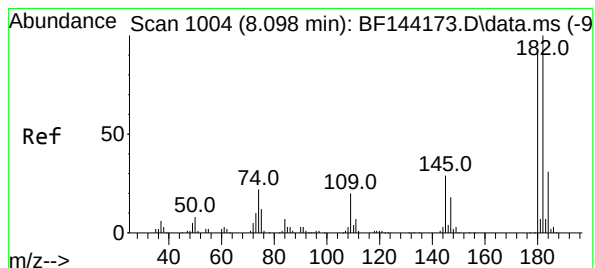
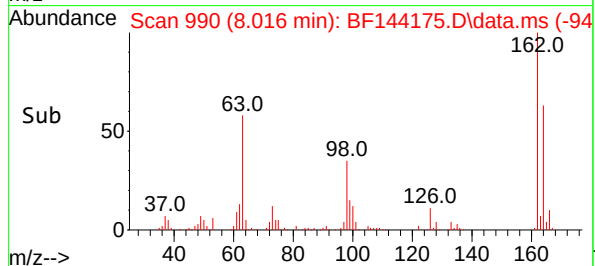
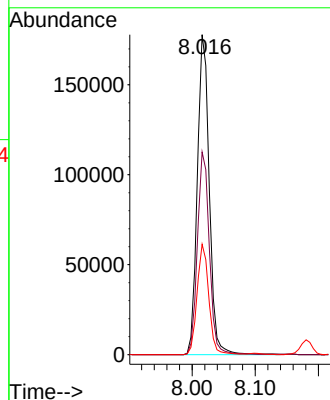
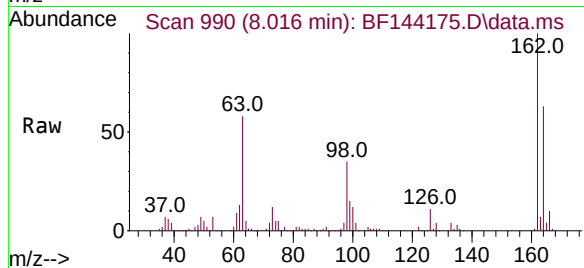
Tgt Ion:162 Resp: 234718

Ion Ratio Lower Upper

162 100

164 63.3 42.9 82.9

98 34.5 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 60.858 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

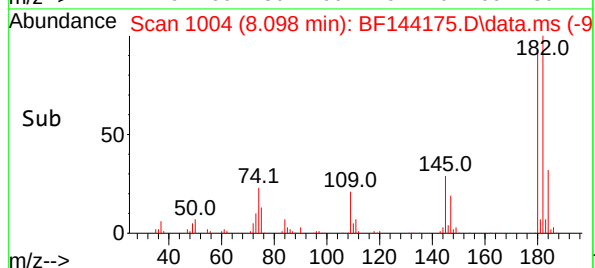
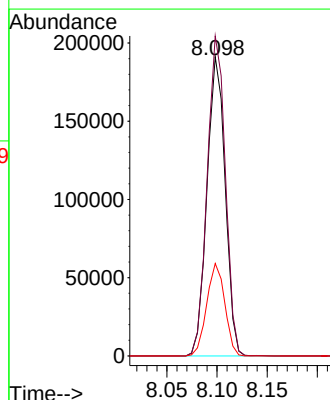
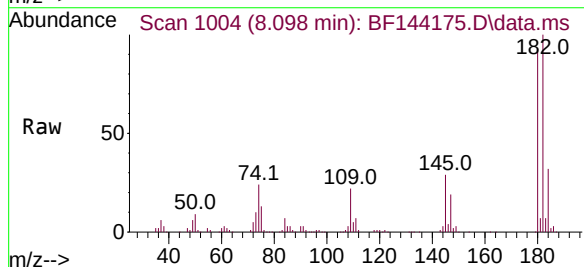
Tgt Ion:180 Resp: 240858

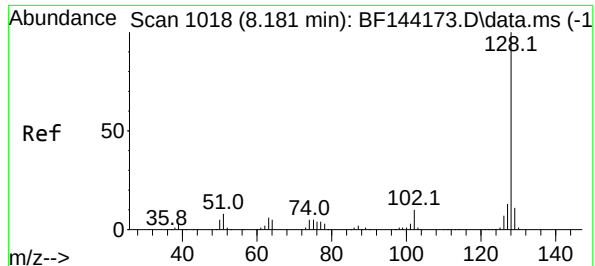
Ion Ratio Lower Upper

180 100

182 107.0 87.7 131.5

145 30.9 25.4 38.0

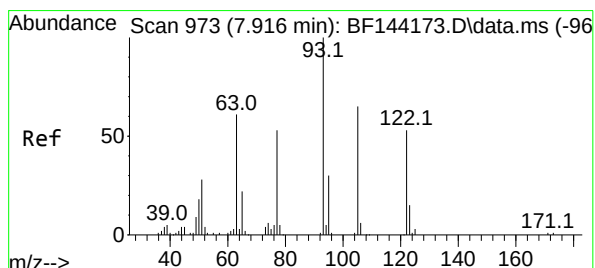
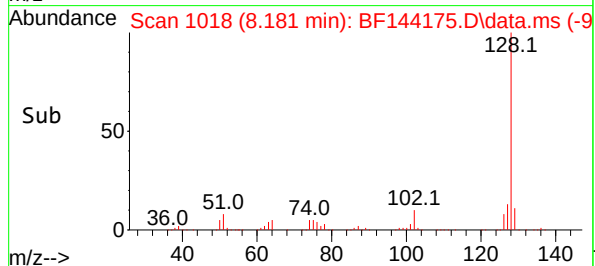
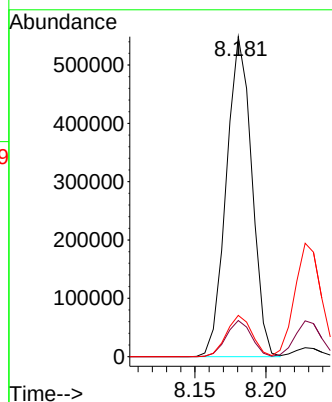
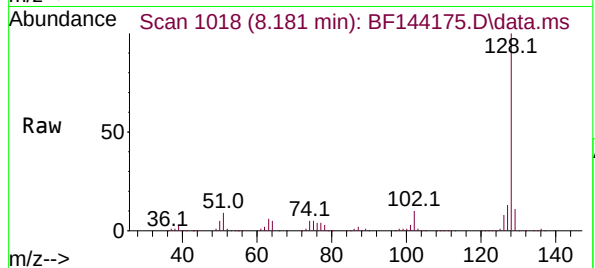




#31
Naphthalene
Concen: 60.028 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

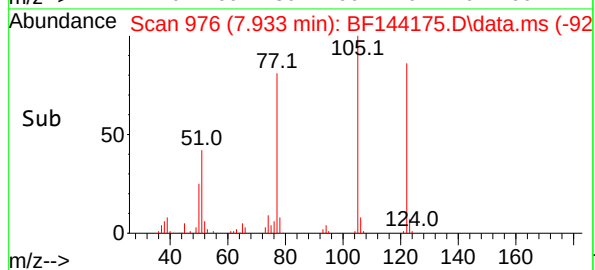
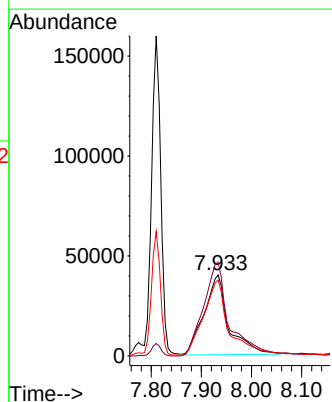
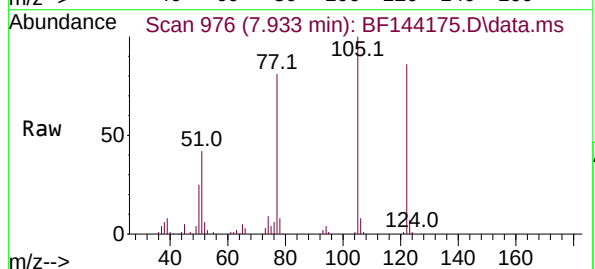
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

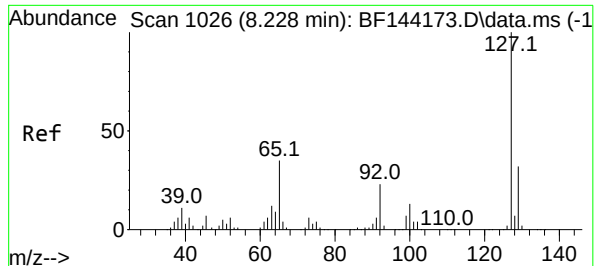
Tgt Ion:128 Resp: 684579
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 55.761 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 136682
Ion Ratio Lower Upper
122 100
105 115.8 99.9 139.9
77 93.8 77.5 117.5





#33

4-Chloroaniline

Concen: 61.441 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 255554

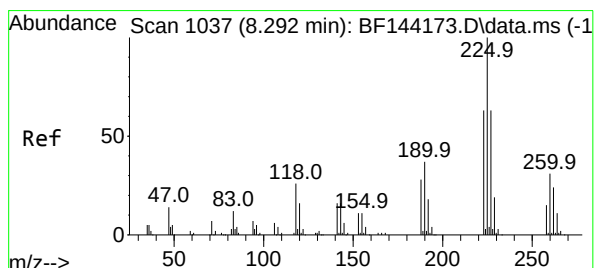
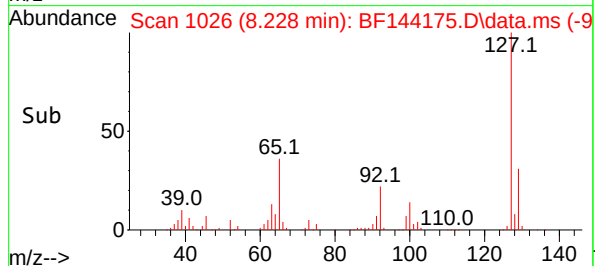
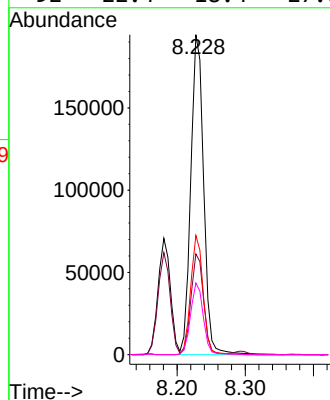
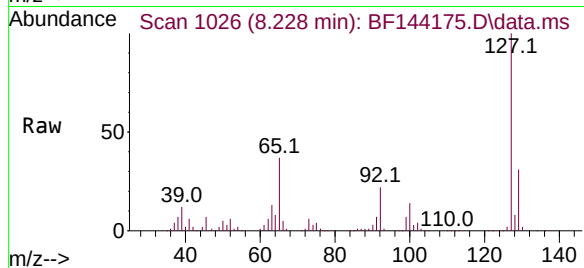
Ion Ratio Lower Upper

127 100

129 31.5 25.3 37.9

65 37.2 27.6 41.4

92 22.4 18.4 27.6



#34

Hexachlorobutadiene

Concen: 61.229 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

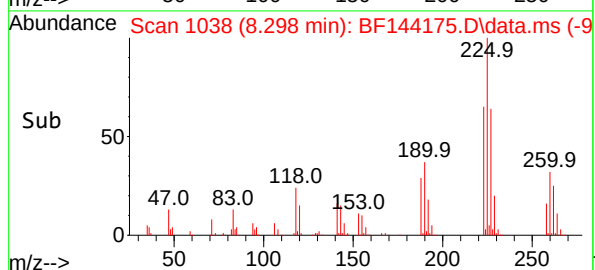
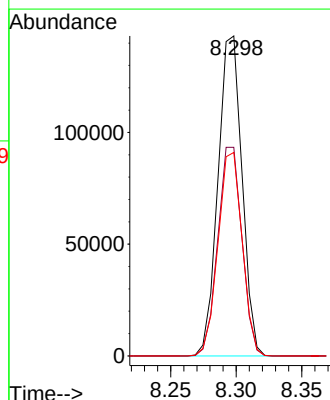
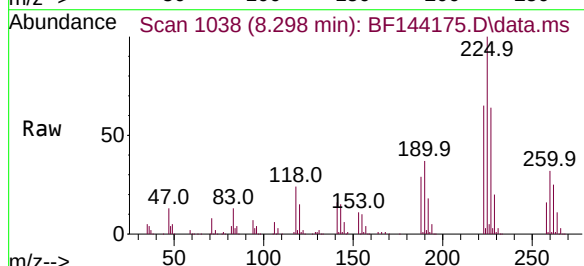
Tgt Ion:225 Resp: 182626

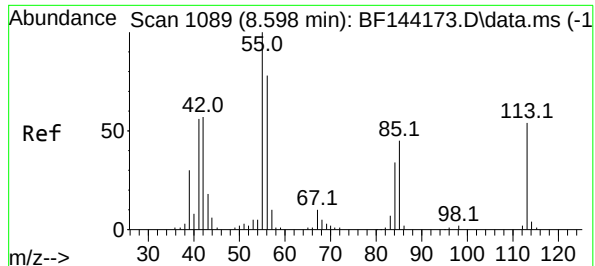
Ion Ratio Lower Upper

225 100

223 65.2 50.2 75.4

227 63.6 50.1 75.1





#35

Caprolactam

Concen: 59.512 ng

RT: 8.610 min Scan# 1091

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

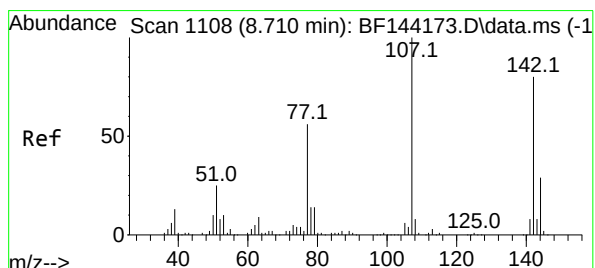
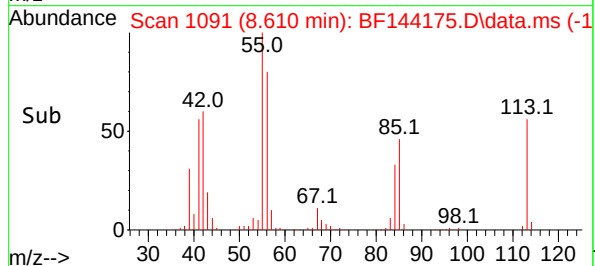
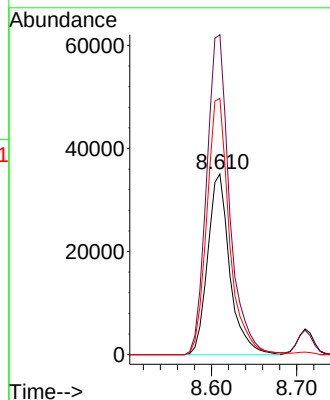
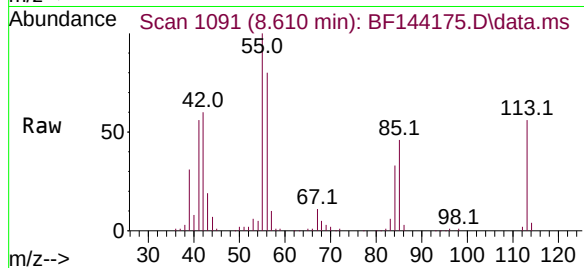
Tgt Ion:113 Resp: 62840

Ion Ratio Lower Upper

113 100

55 177.2 166.8 206.8

56 141.8 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 60.481 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

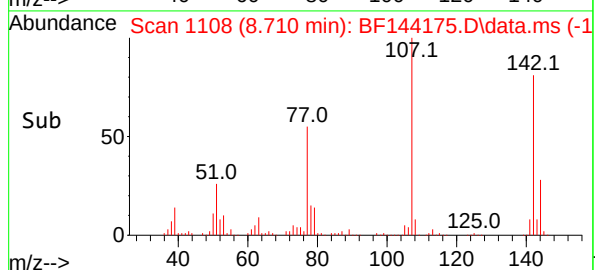
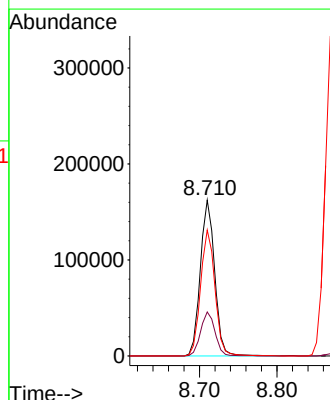
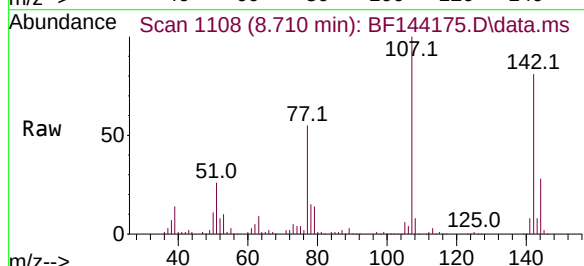
Tgt Ion:107 Resp: 208910

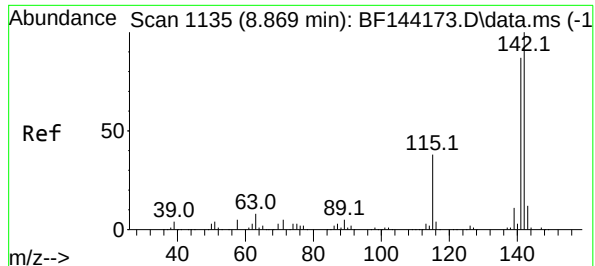
Ion Ratio Lower Upper

107 100

144 28.2 23.3 34.9

142 80.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 58.743 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

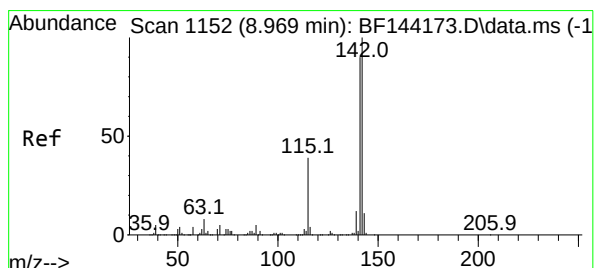
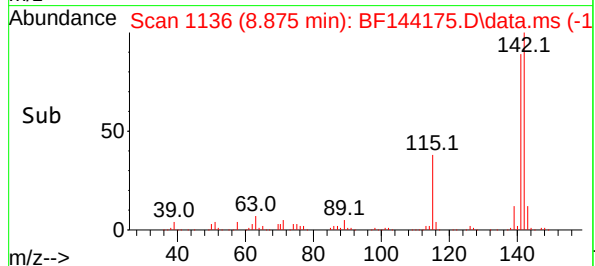
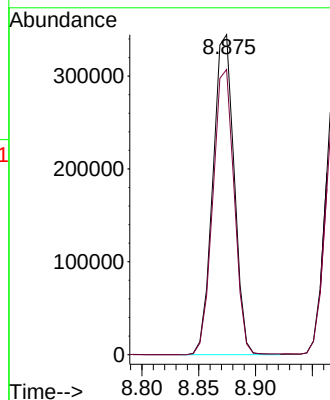
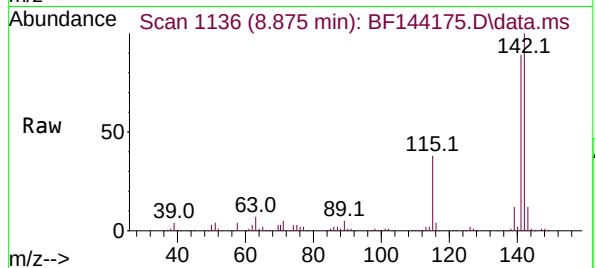
SSTDICC060

Tgt Ion:142 Resp: 447909

Ion Ratio Lower Upper

142 100

141 89.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 58.654 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144175.D

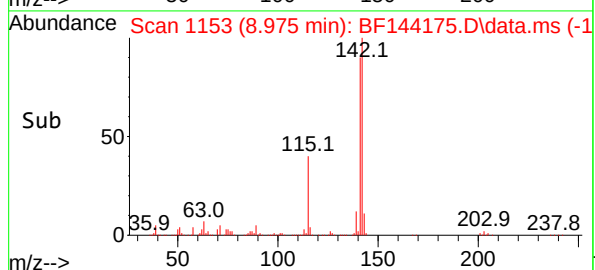
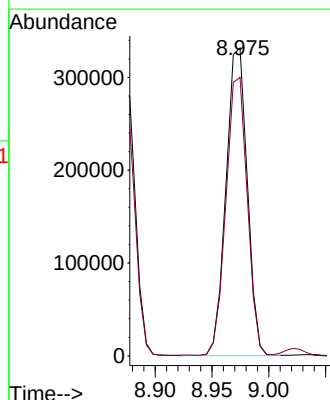
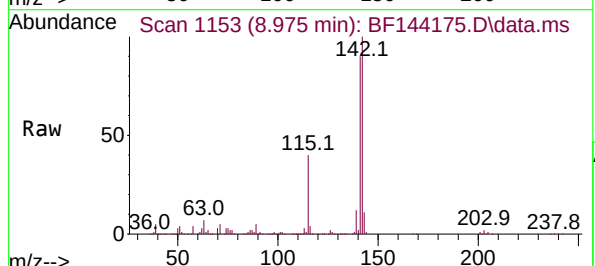
Acq: 05 Nov 2025 16:19

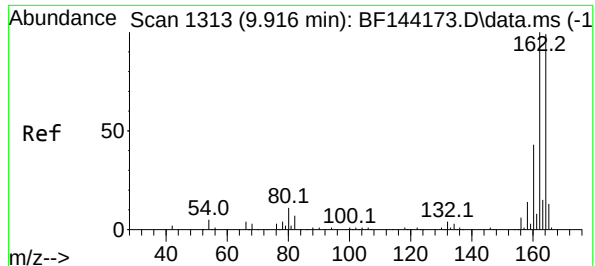
Tgt Ion:142 Resp: 431529

Ion Ratio Lower Upper

142 100

141 90.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144175.D

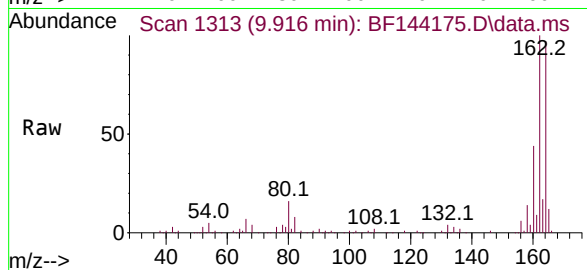
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



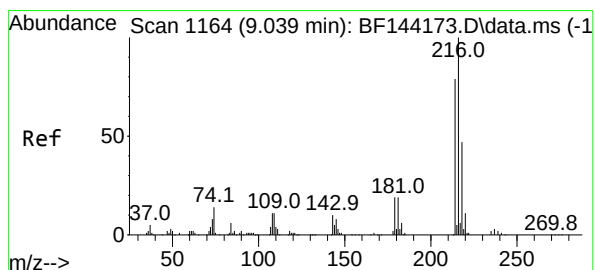
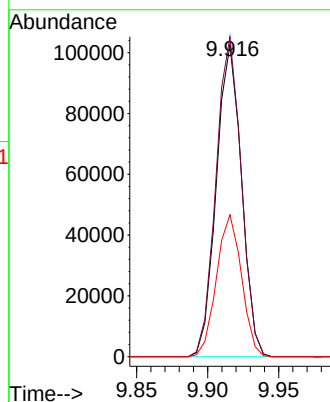
Tgt Ion:164 Resp: 126385

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

160 45.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

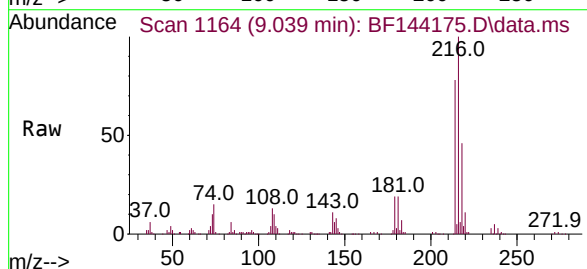
Concen: 65.549 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19



Tgt Ion:216 Resp: 271508

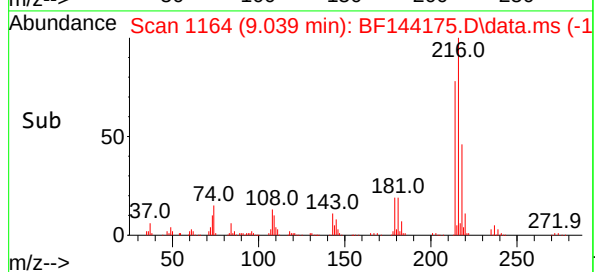
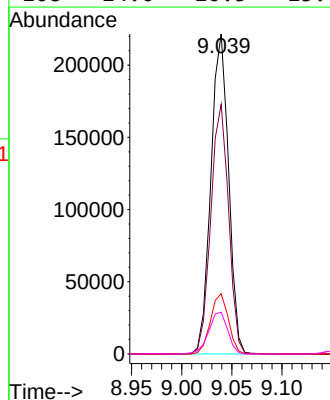
Ion Ratio Lower Upper

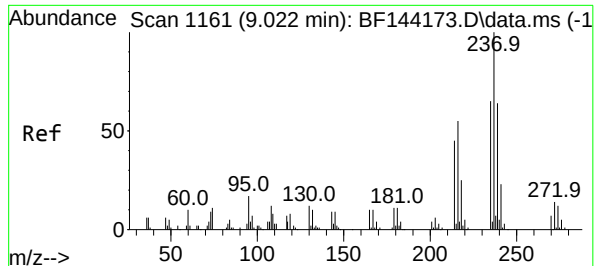
216 100

214 78.2 63.4 95.2

179 19.0 15.0 22.4

108 14.0 10.5 15.7

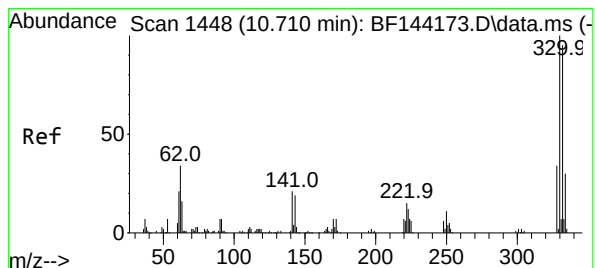
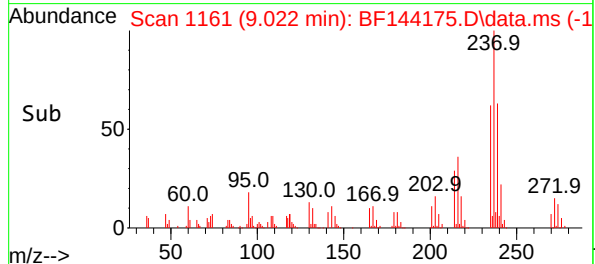
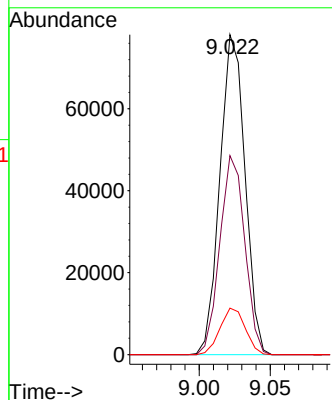
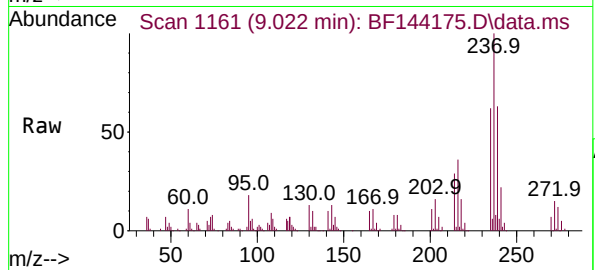




#41
Hexachlorocyclopentadiene
Concen: 64.419 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

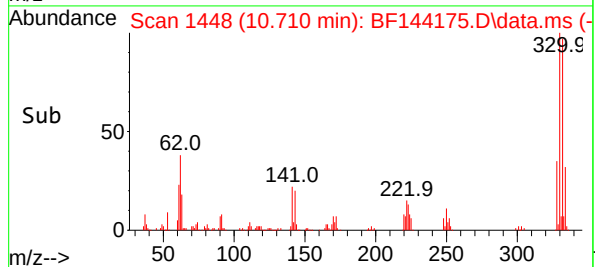
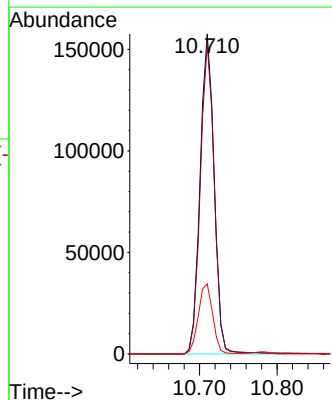
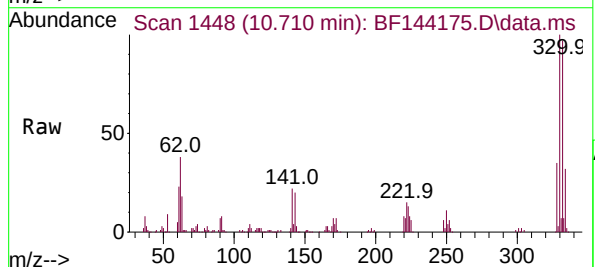
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

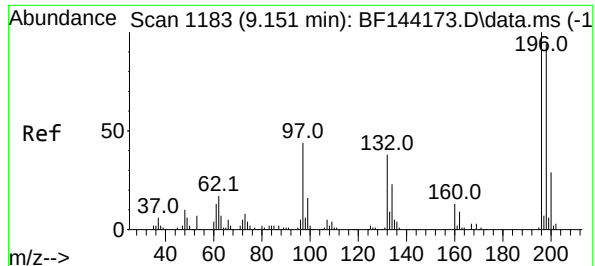
Tgt Ion:237 Resp: 95909
Ion Ratio Lower Upper
237 100
235 62.2 45.5 85.5
272 14.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 124.986 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:330 Resp: 198226
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 22.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 65.769 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144175.D

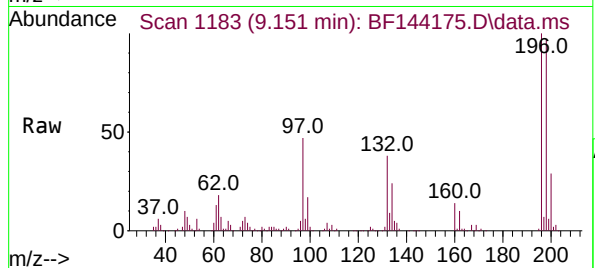
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



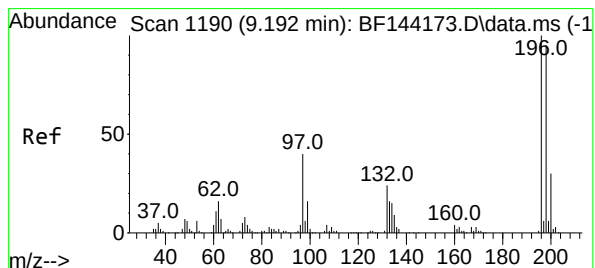
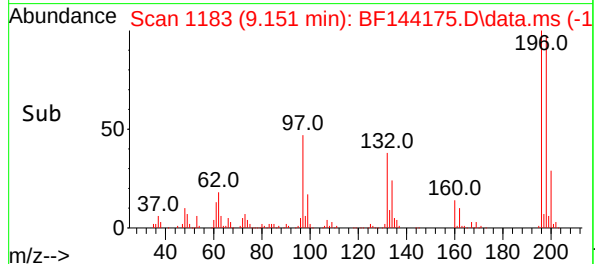
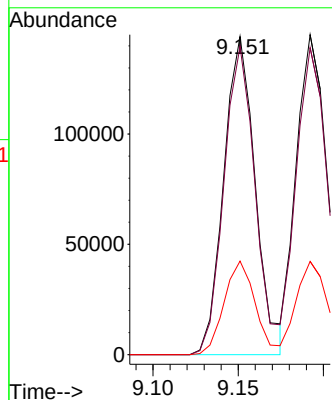
Tgt Ion:196 Resp: 185412

Ion Ratio Lower Upper

196 100

198 96.9 75.3 112.9

200 29.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 62.639 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:196 Resp: 190324

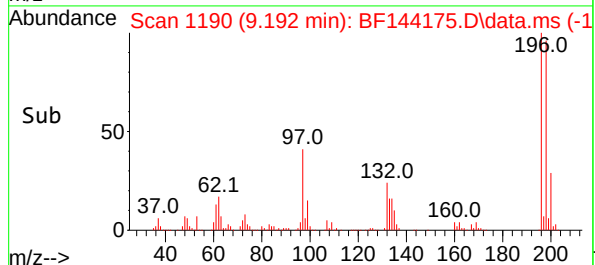
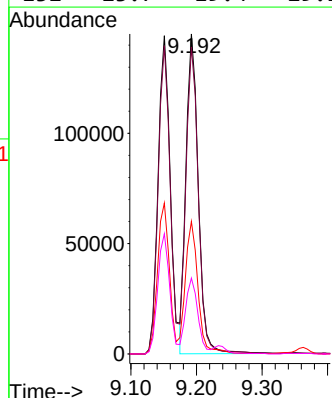
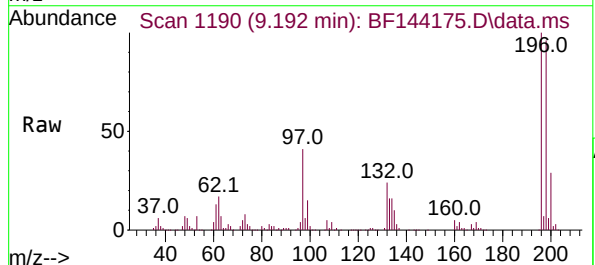
Ion Ratio Lower Upper

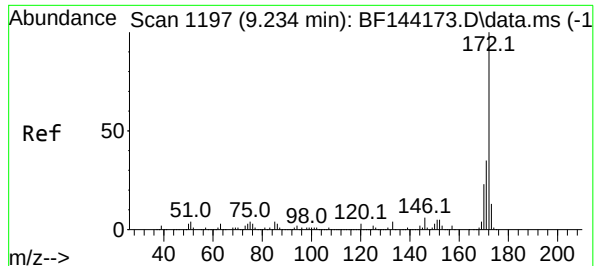
196 100

198 95.9 76.1 114.1

97 41.4 31.9 47.9

132 23.7 19.4 29.2

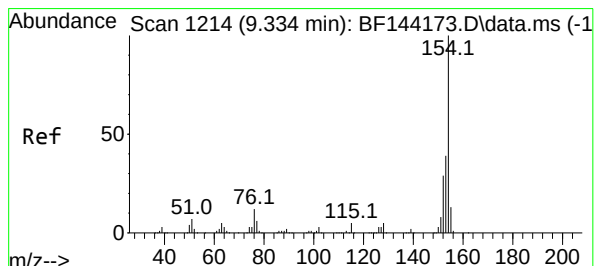
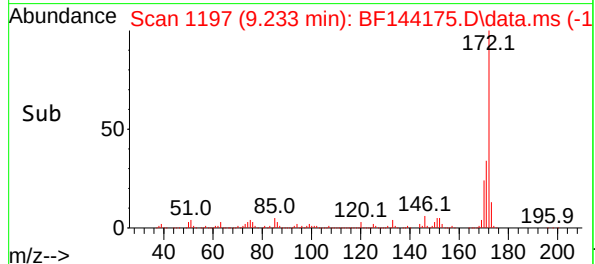
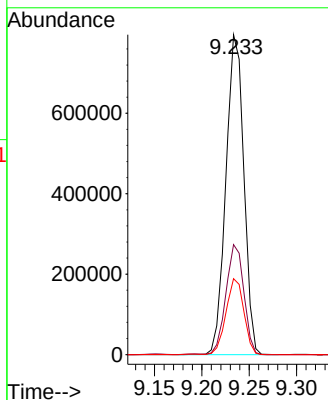
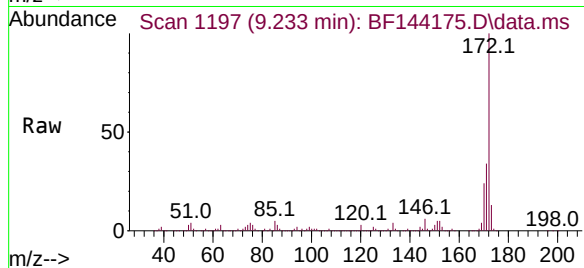




#45
2-Fluorobiphenyl
Concen: 122.404 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

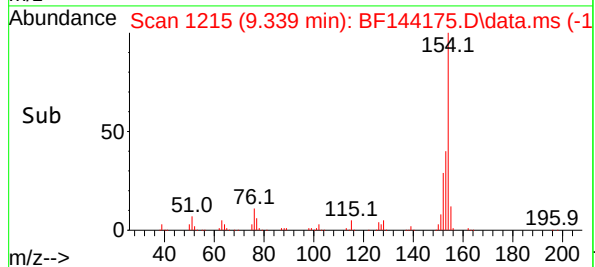
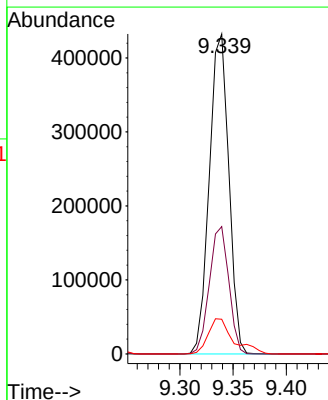
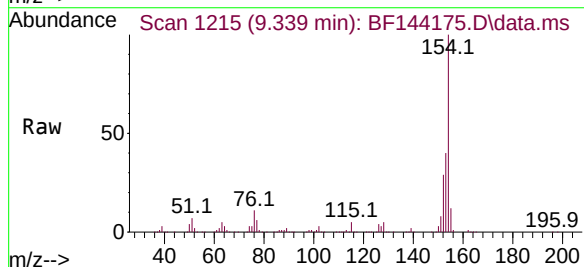
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

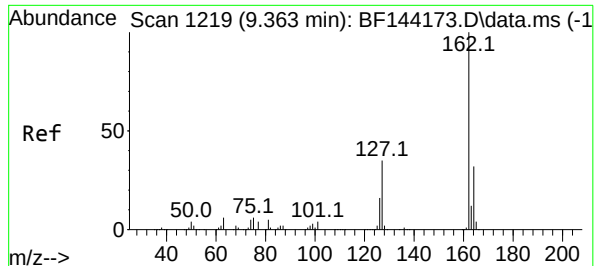
Tgt Ion:172 Resp: 1047440
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 62.310 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 549700
Ion Ratio Lower Upper
154 100
153 39.8 19.2 59.2
76 10.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 63.056 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

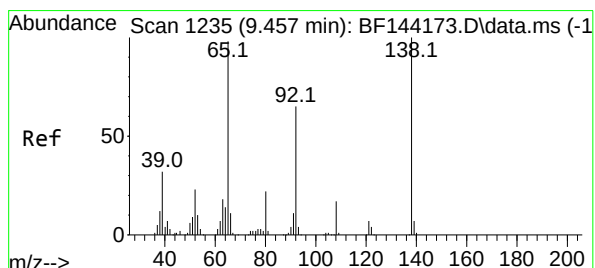
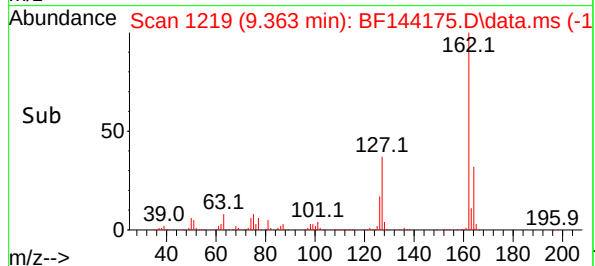
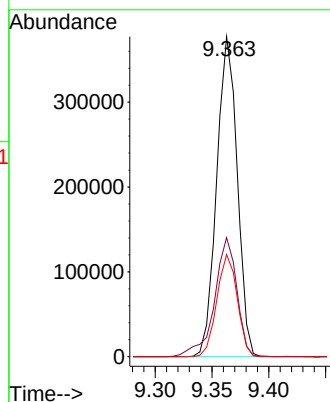
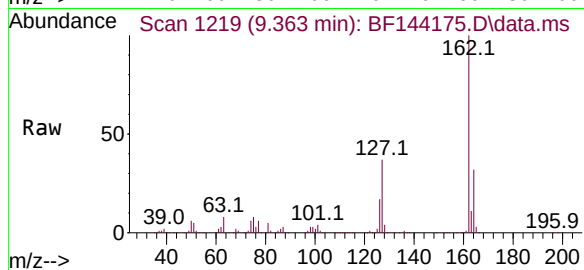
Tgt Ion:162 Resp: 474514

Ion Ratio Lower Upper

162 100

127 37.2 28.8 43.2

164 31.9 25.8 38.8



#48

2-Nitroaniline

Concen: 65.370 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

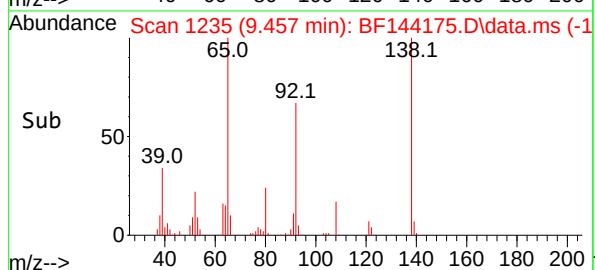
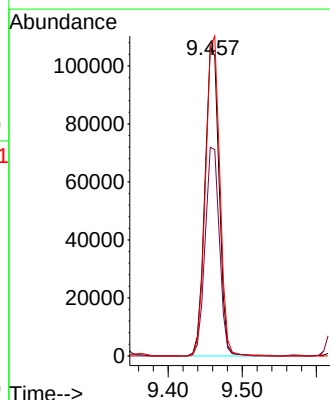
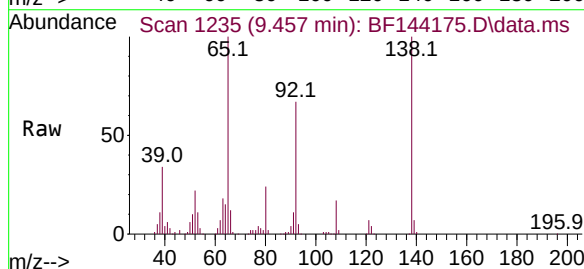
Tgt Ion: 65 Resp: 141938

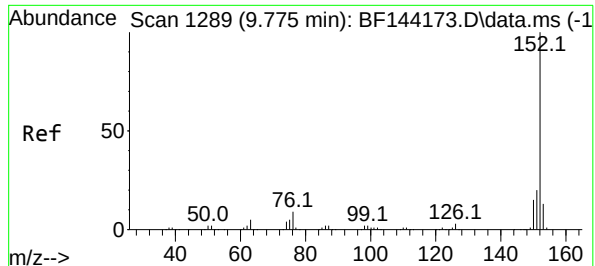
Ion Ratio Lower Upper

65 100

92 67.5 53.0 79.6

138 100.0 81.6 122.4





#49

Acenaphthylene

Concen: 62.050 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

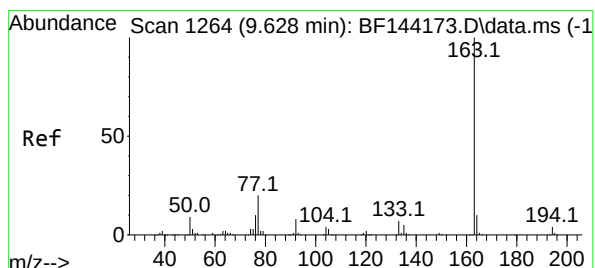
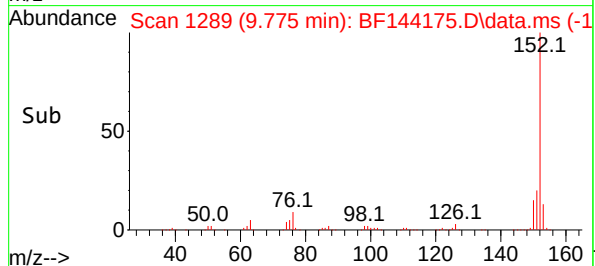
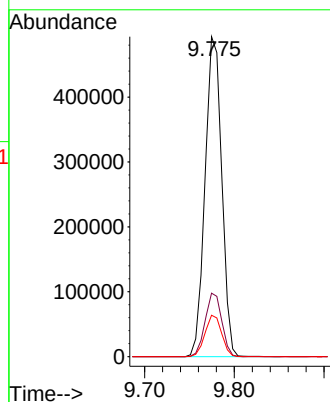
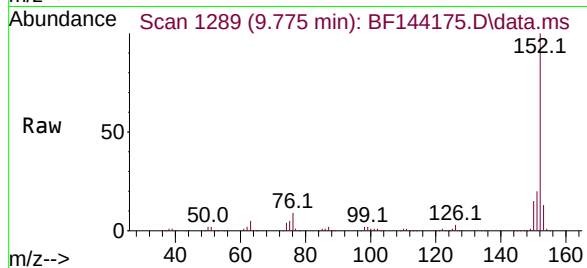
Tgt Ion:152 Resp: 636324

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 62.250 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

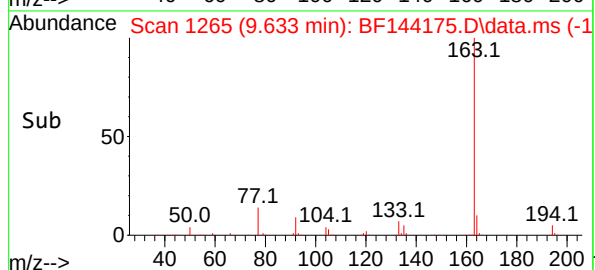
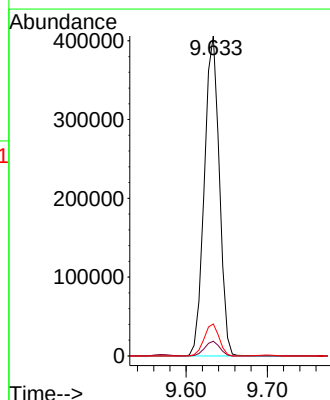
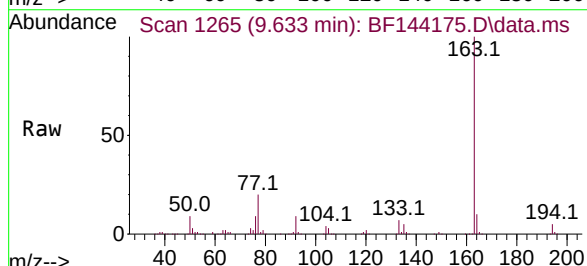
Tgt Ion:163 Resp: 521205

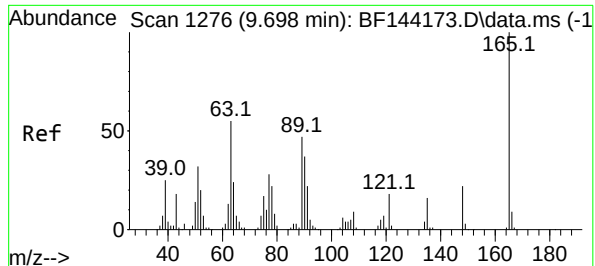
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.0 8.1 12.1

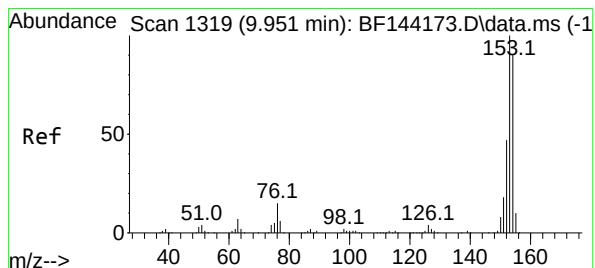
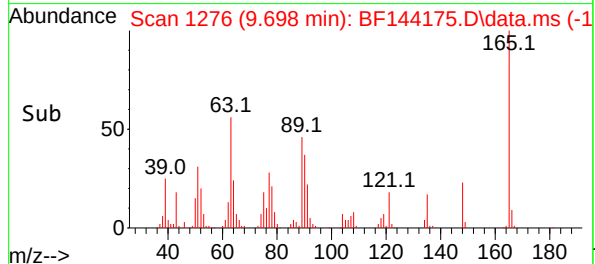
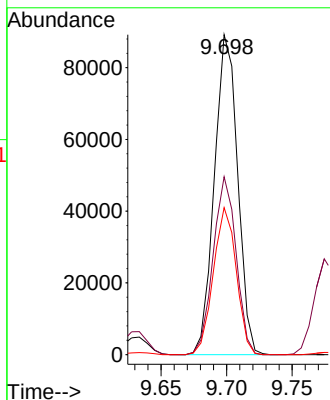
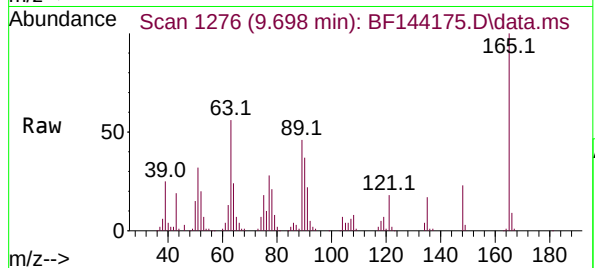




#51
2,6-Dinitrotoluene
Concen: 64.983 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

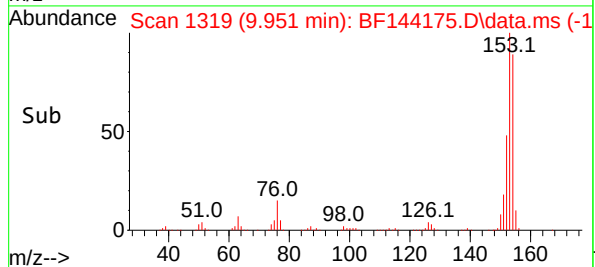
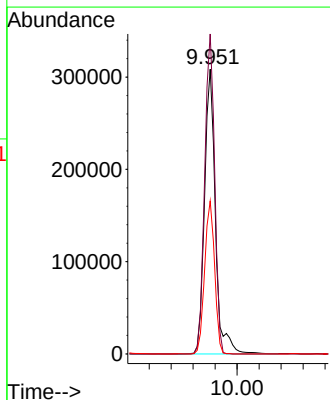
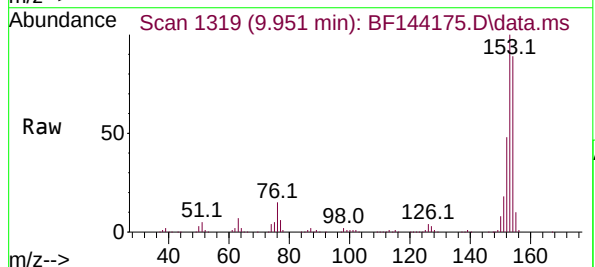
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

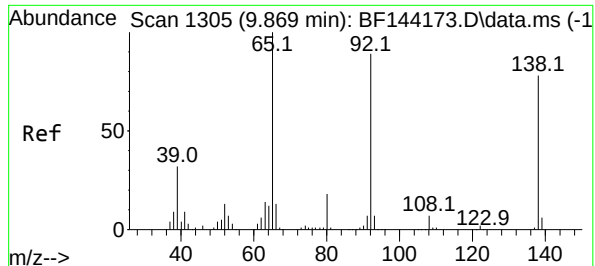
Tgt Ion:165 Resp: 110140
Ion Ratio Lower Upper
165 100
63 55.6 43.8 65.8
89 45.9 37.5 56.3



#52
Acenaphthene
Concen: 61.778 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 423653
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.4
152 53.7 42.2 63.4





#53

3-Nitroaniline

Concen: 64.749 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144175.D

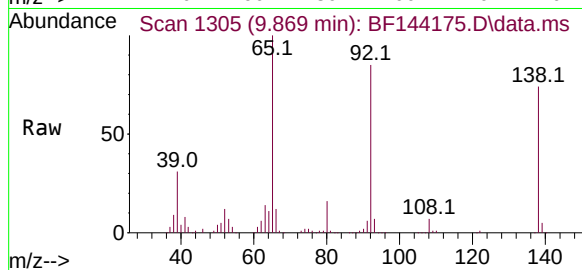
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



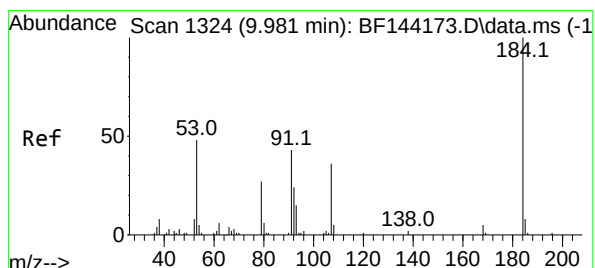
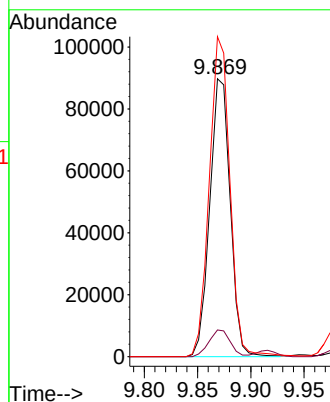
Tgt Ion:138 Resp: 119967

Ion	Ratio	Lower	Upper

138	100		

108	9.6	7.5	11.3

92	115.2	91.8	137.6



#54

2,4-Dinitrophenol

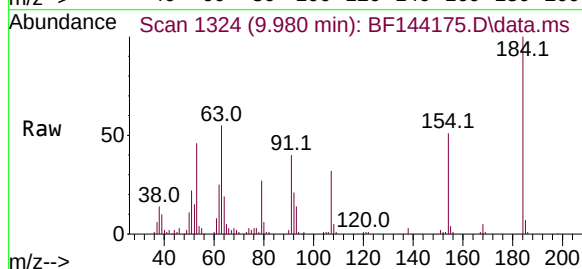
Concen: 62.138 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19



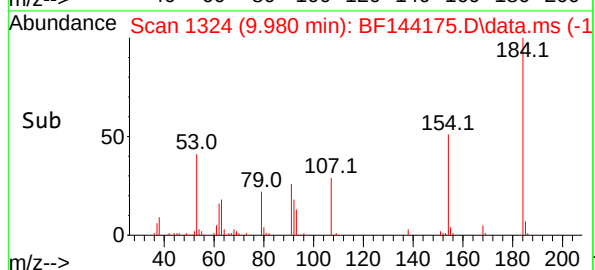
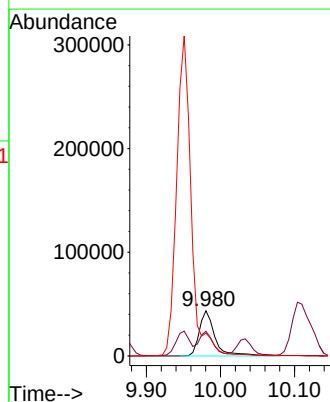
Tgt Ion:184 Resp: 63597

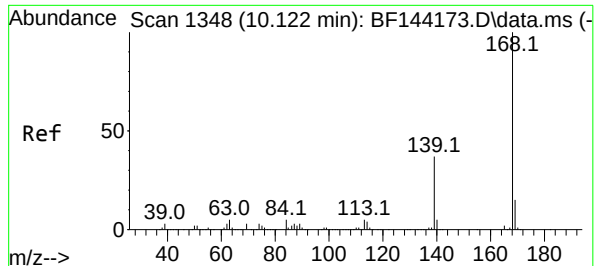
Ion	Ratio	Lower	Upper

184	100		

63	54.7	44.0	66.0

154	50.8	42.4	63.6





#55

Dibenzenofuran

Concen: 61.680 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

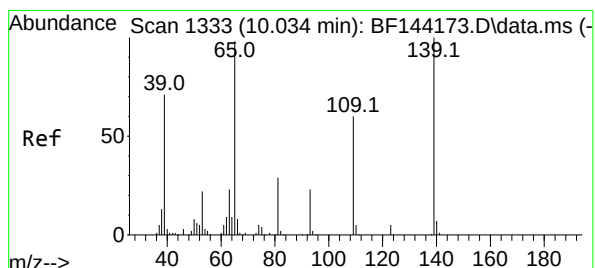
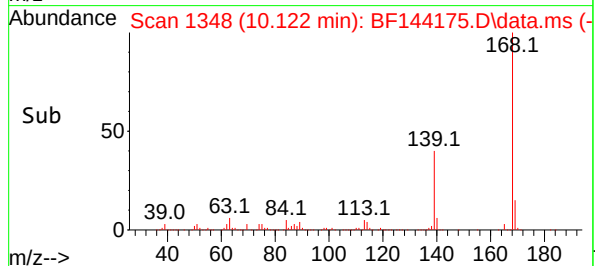
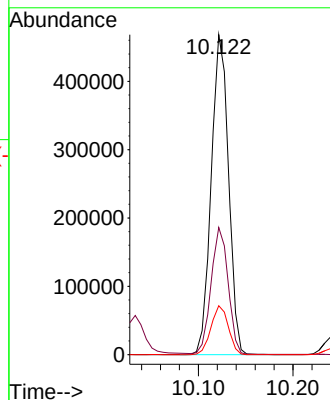
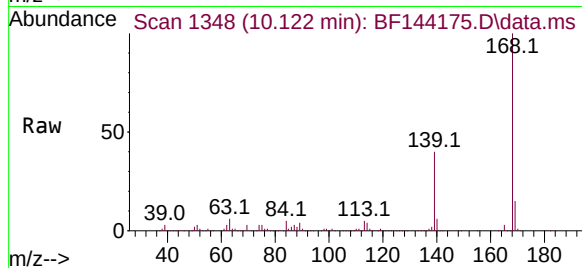
Tgt Ion:168 Resp: 592400

Ion Ratio Lower Upper

168 100

139 39.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 59.812 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

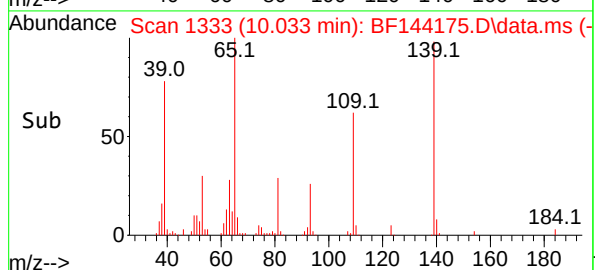
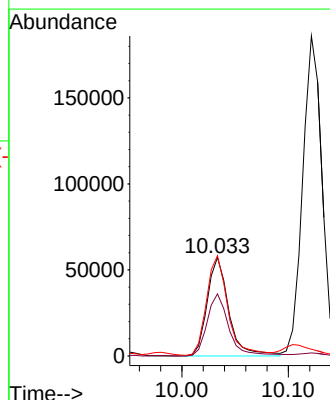
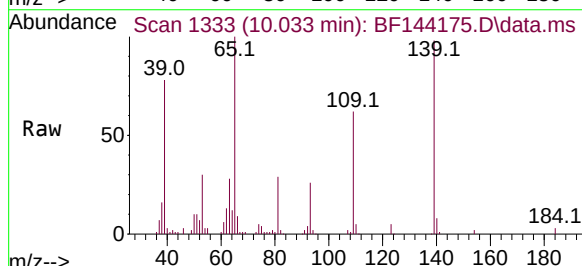
Tgt Ion:139 Resp: 80163

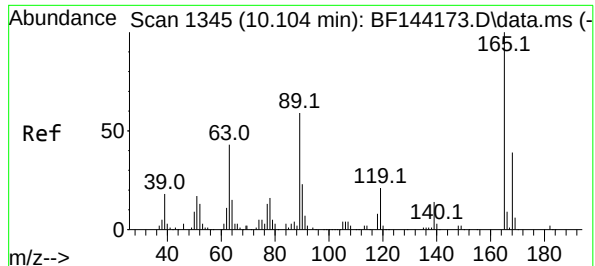
Ion Ratio Lower Upper

139 100

109 63.0 39.9 79.9

65 101.8 79.5 119.5

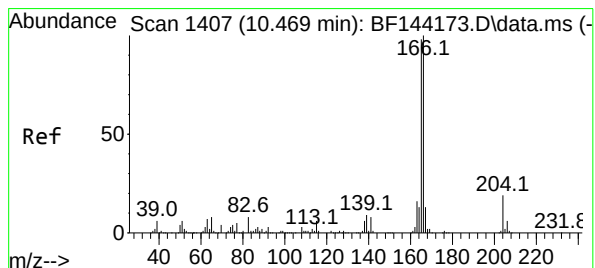
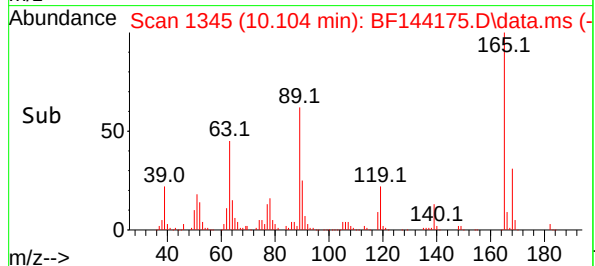
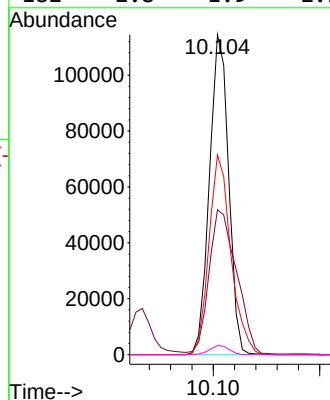
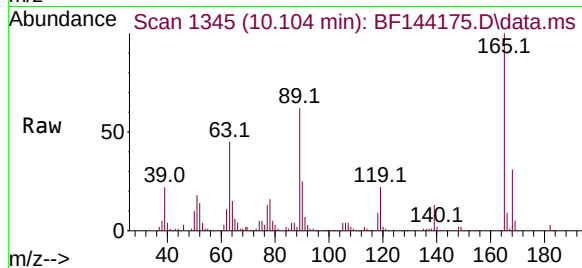




#57
2,4-Dinitrotoluene
Concen: 62.984 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

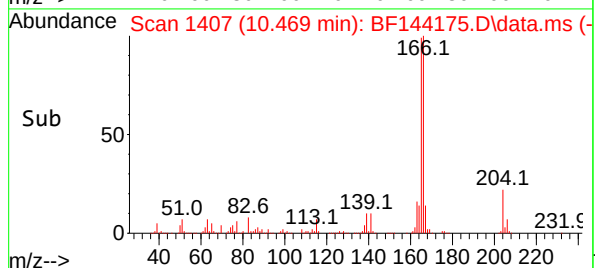
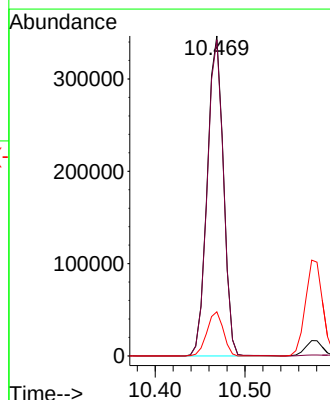
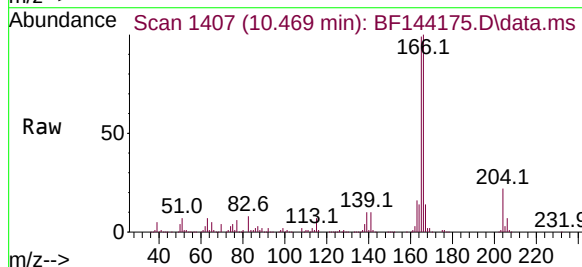
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

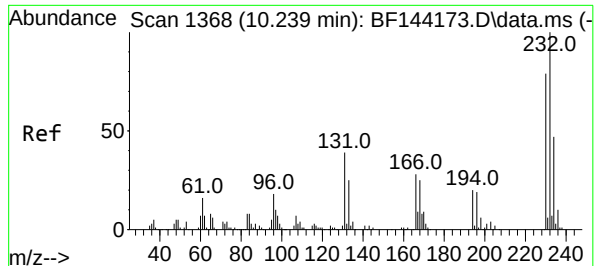
Tgt Ion:165 Resp: 142910
Ion Ratio Lower Upper
165 100
63 45.3 35.5 53.3
89 62.4 47.4 71.2
182 2.8 1.9 2.9



#58
Fluorene
Concen: 59.664 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:166 Resp: 435687
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.8 10.4 15.6

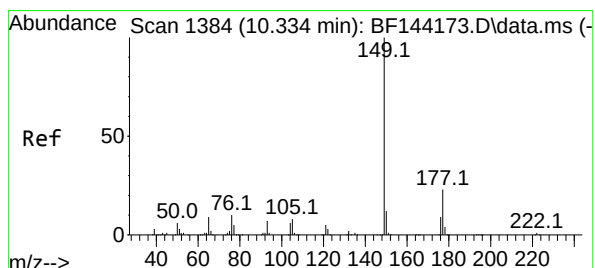
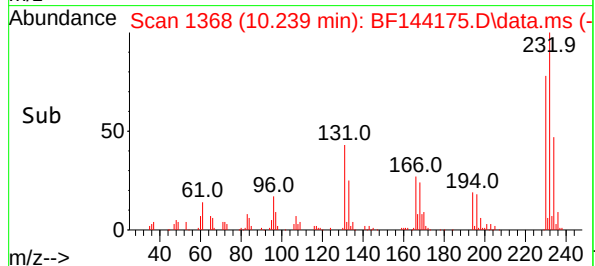
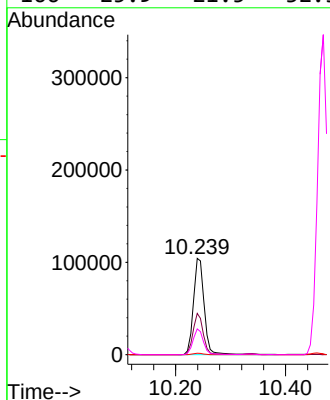
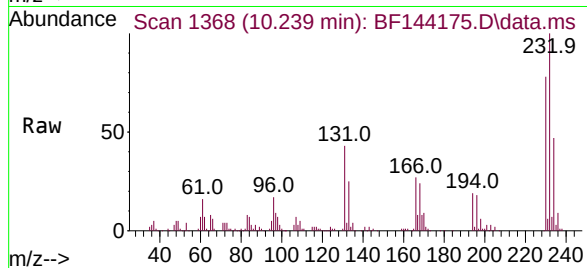




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.569 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

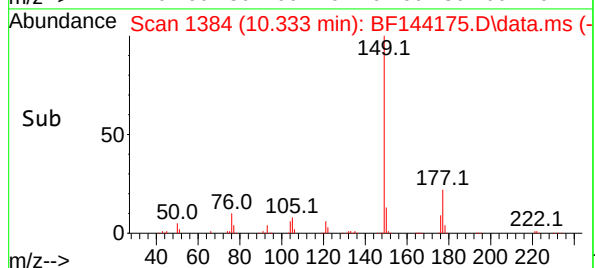
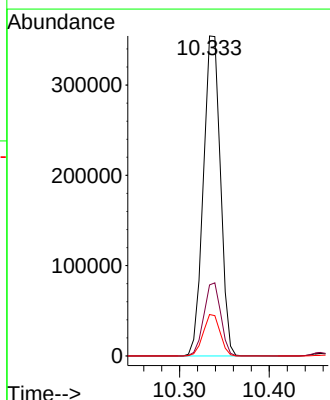
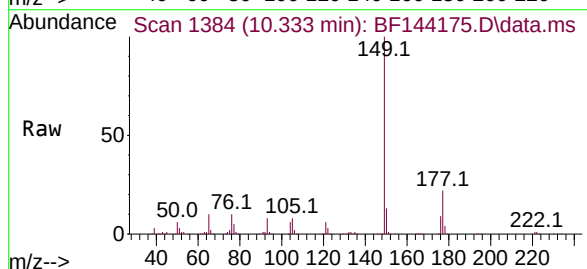
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

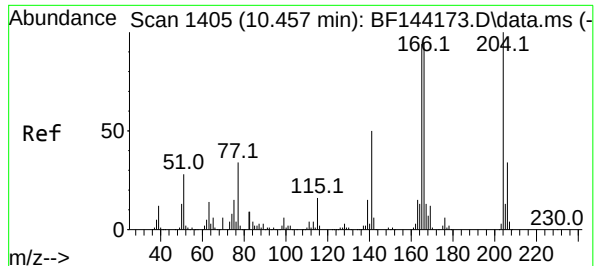
Tgt Ion:232 Resp: 140953
Ion Ratio Lower Upper
232 100
131 40.7 30.3 45.5
130 1.3 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 60.755 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 468931
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.9 9.8 14.6

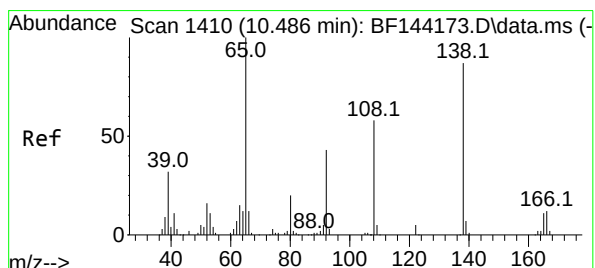
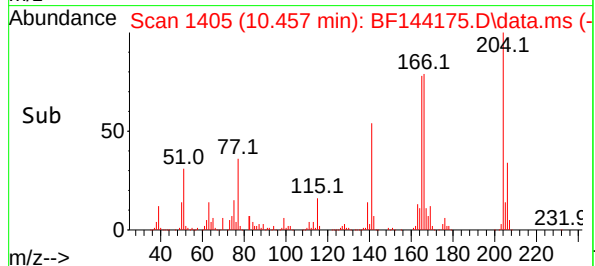
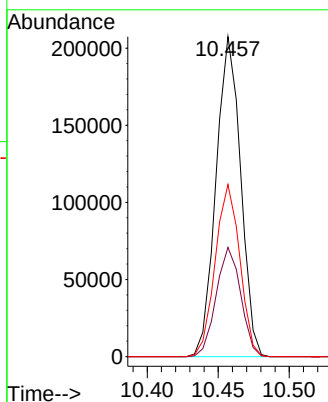
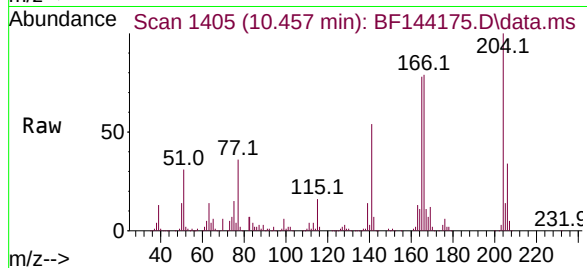




#61
4-Chlorophenyl-phenylether
Concen: 60.068 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

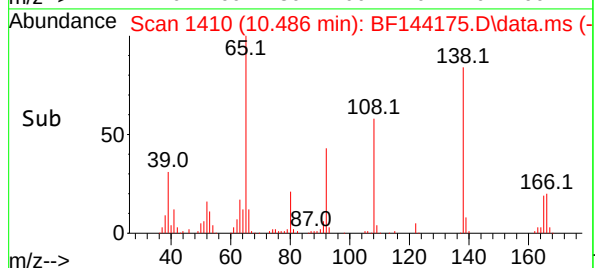
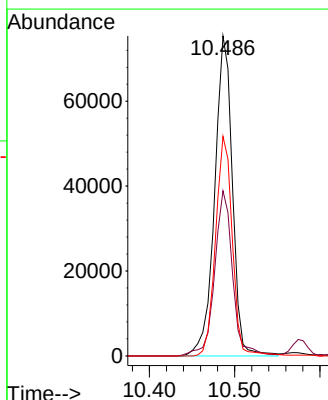
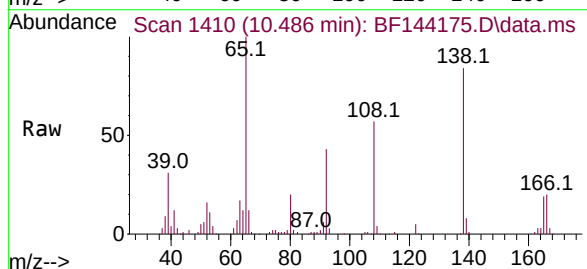
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

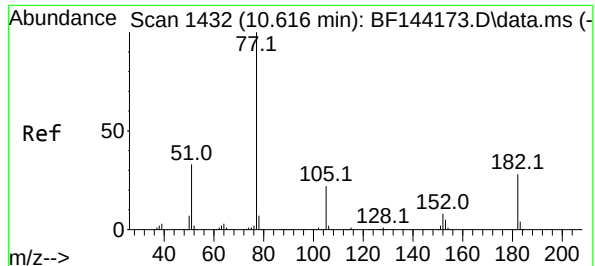
Tgt Ion:204 Resp: 249857
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 53.8 40.0 60.0



#62
4-Nitroaniline
Concen: 61.862 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 109153
Ion Ratio Lower Upper
138 100
92 51.6 29.4 69.4
108 68.6 46.4 86.4

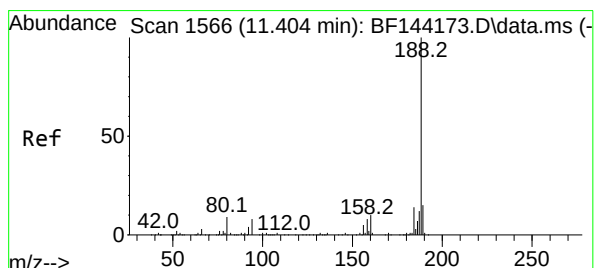
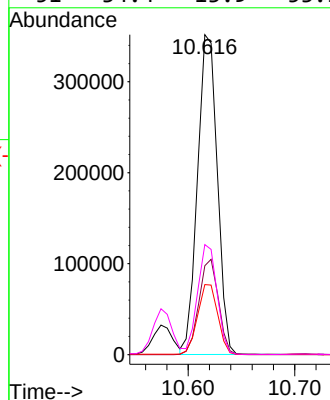
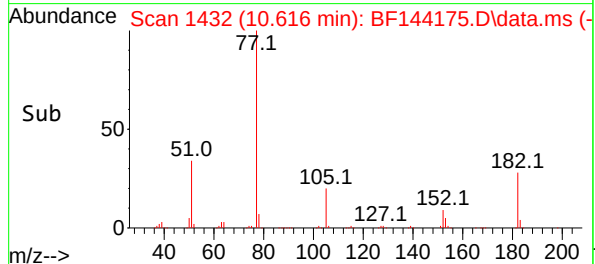
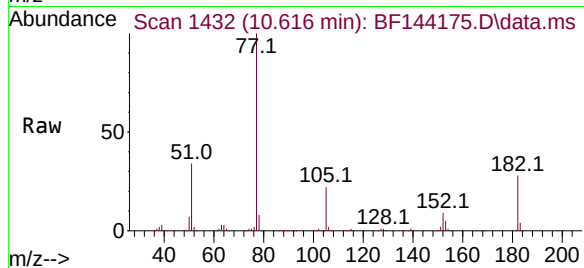




#63
Azobenzene
Concen: 63.187 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

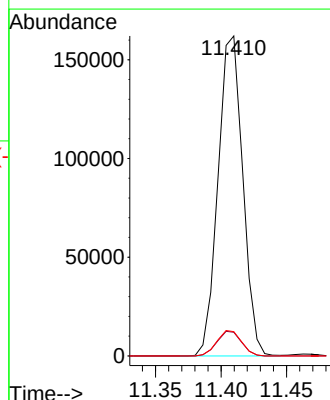
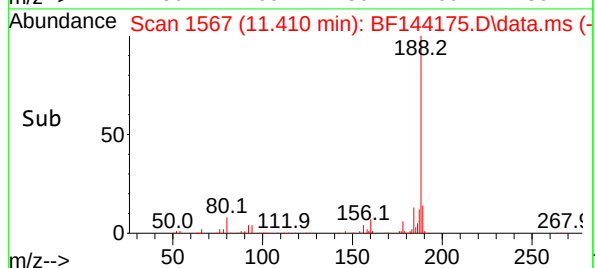
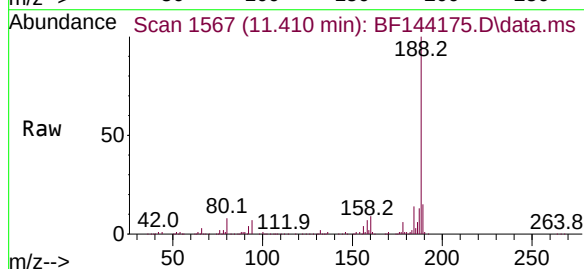
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

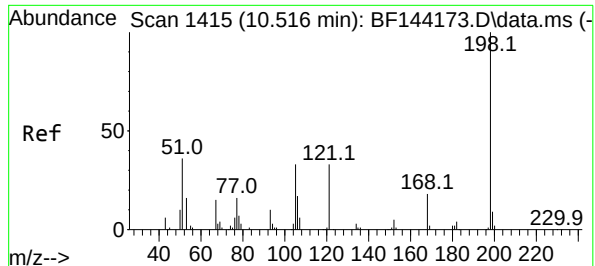
Tgt Ion: 77 Resp: 453890
Ion Ratio Lower Upper
77 100
182 27.8 8.1 48.1
105 21.9 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 188 Resp: 213136
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.6 6.9 10.3

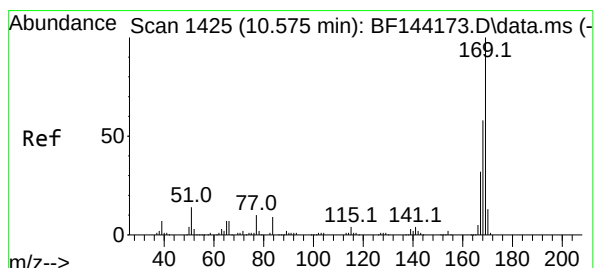
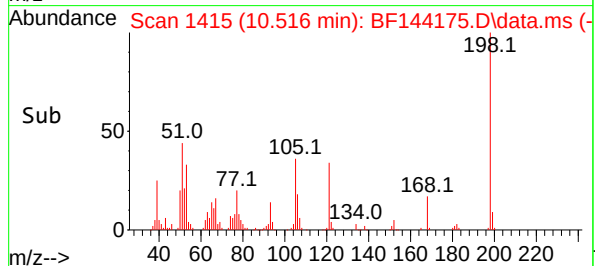
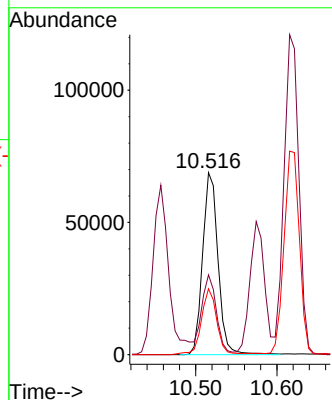
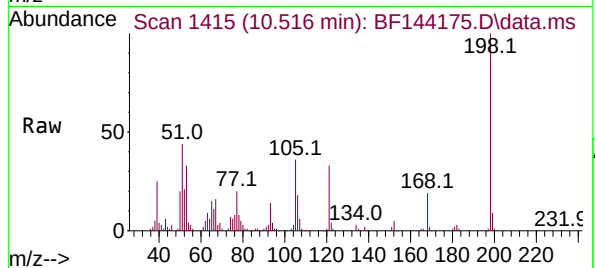




#65
4,6-Dinitro-2-methylphenol
Concen: 62.727 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

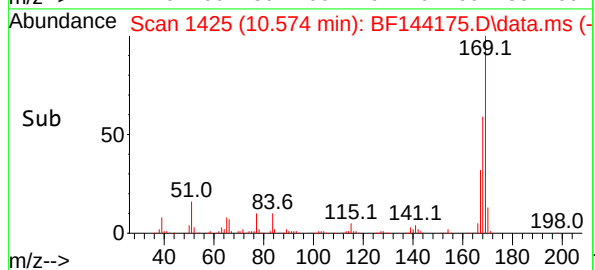
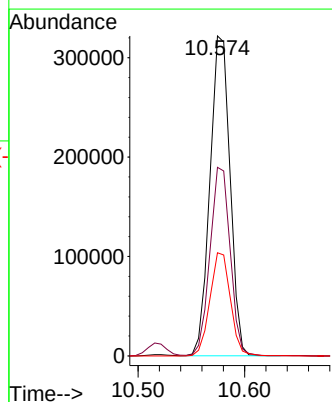
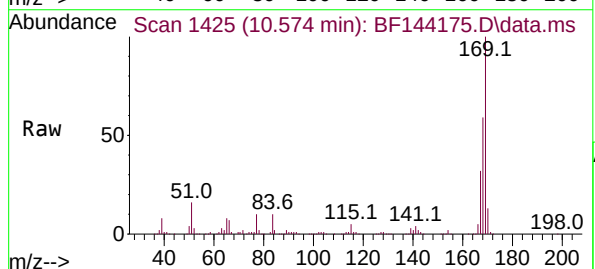
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

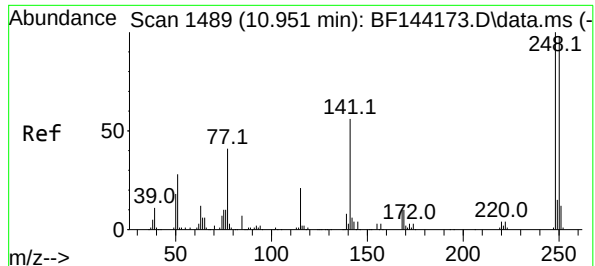
Tgt Ion:198 Resp: 90823
Ion Ratio Lower Upper
198 100
51 43.8 25.6 65.6
105 36.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.520 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:169 Resp: 421720
Ion Ratio Lower Upper
169 100
168 58.9 46.2 69.2
167 32.2 25.7 38.5

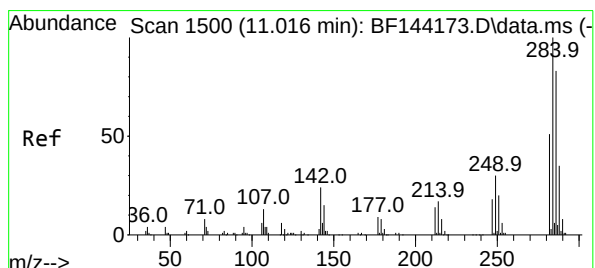
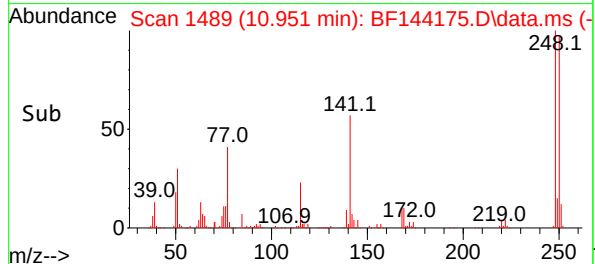
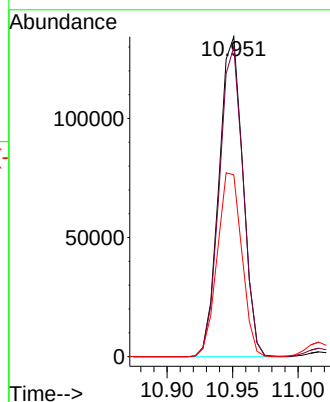
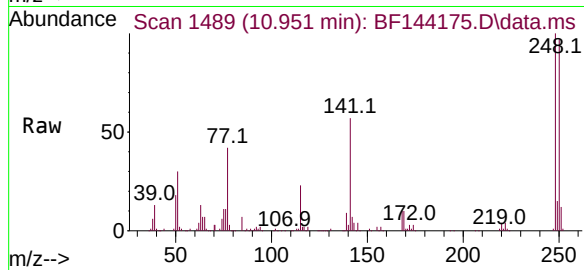




#67
4-Bromophenyl-phenylether
Concen: 62.634 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

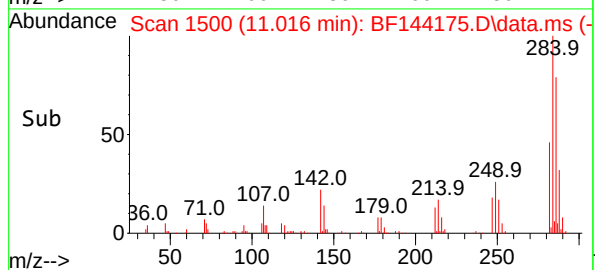
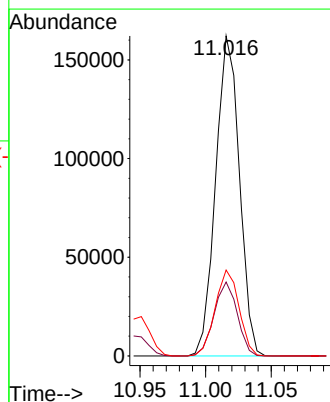
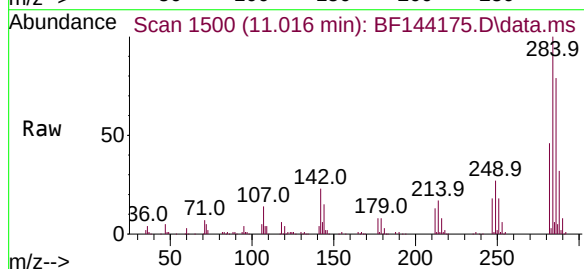
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

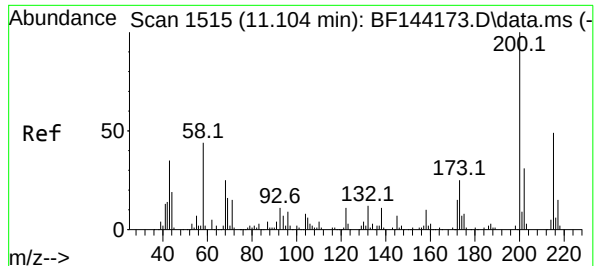
Tgt Ion:248 Resp: 170395
Ion Ratio Lower Upper
248 100
250 96.8 78.4 117.6
141 56.8 45.1 67.7



#68
Hexachlorobenzene
Concen: 63.744 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:284 Resp: 204258
Ion Ratio Lower Upper
284 100
142 23.1 19.2 28.8
249 26.8 23.8 35.8

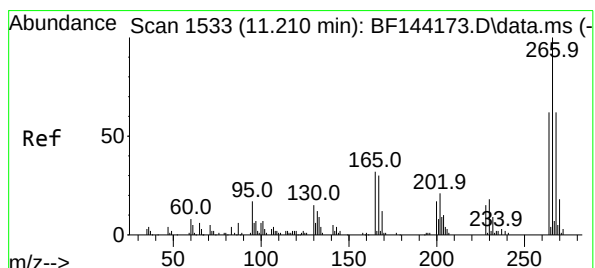
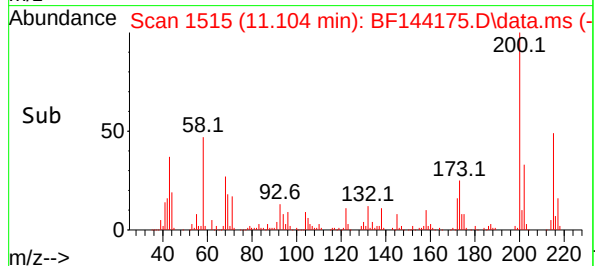
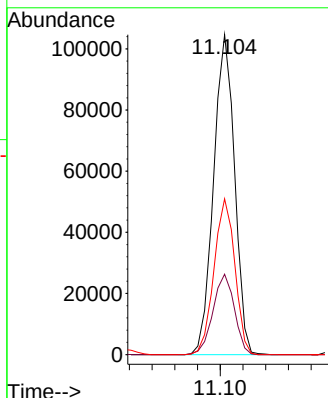
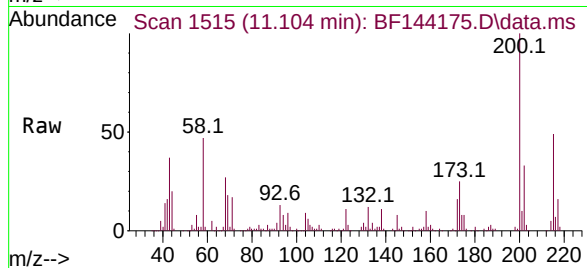




#69
Atrazine
Concen: 61.467 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

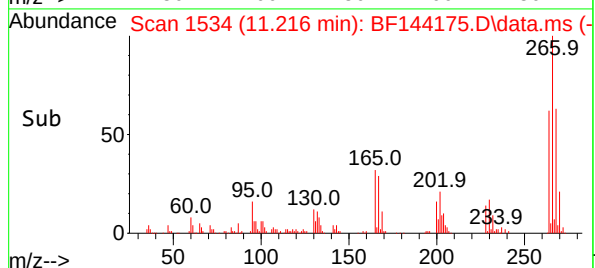
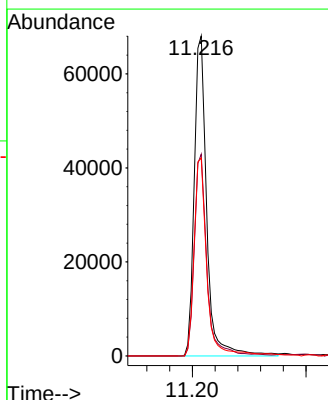
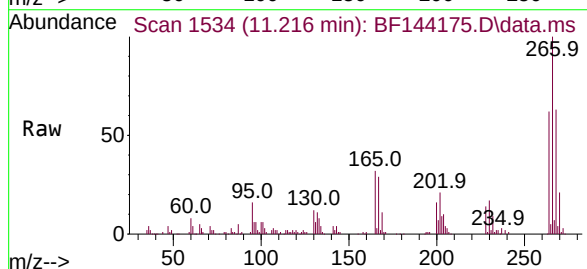
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

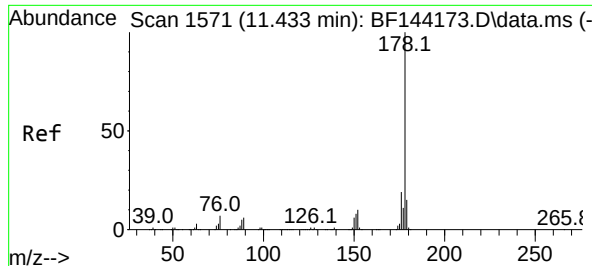
Tgt Ion:200 Resp: 134002
Ion Ratio Lower Upper
200 100
173 25.1 5.0 45.0
215 48.7 28.7 68.7



#70
Pentachlorophenol
Concen: 64.842 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:266 Resp: 103466
Ion Ratio Lower Upper
266 100
268 63.0 49.5 74.3
264 61.8 49.4 74.2

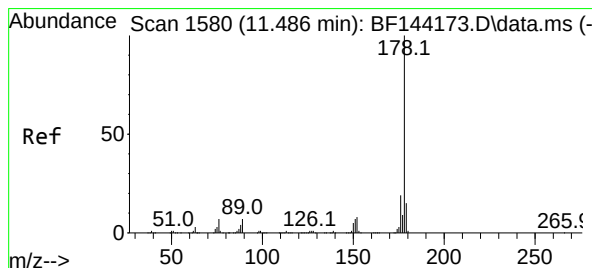
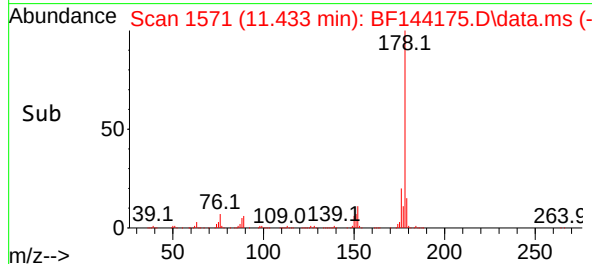
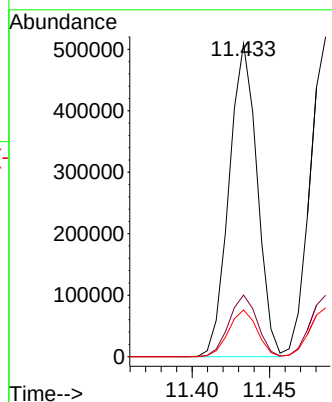
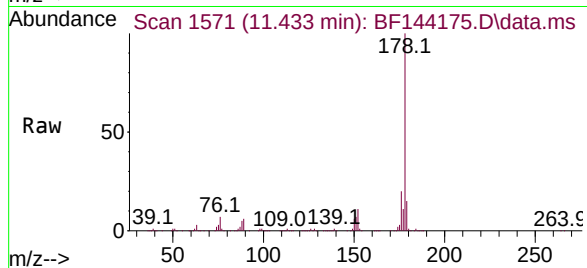




#71
Phenanthrene
Concen: 60.448 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

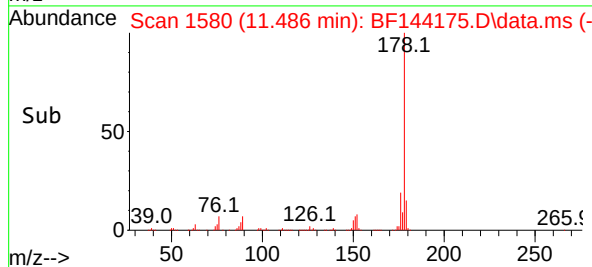
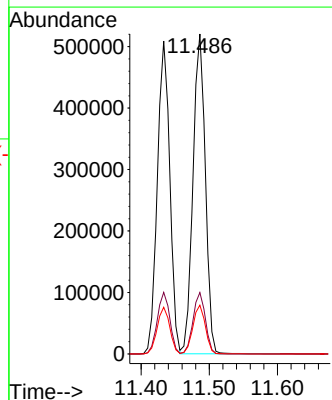
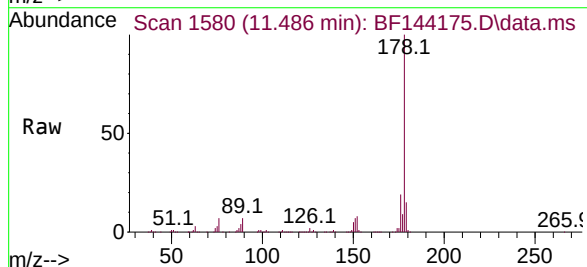
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

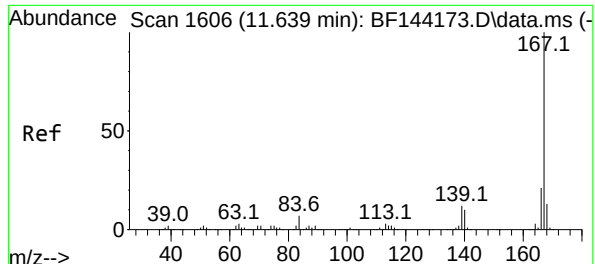
Tgt Ion:178 Resp: 641461
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 60.871 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:178 Resp: 656819
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 12.0 18.0

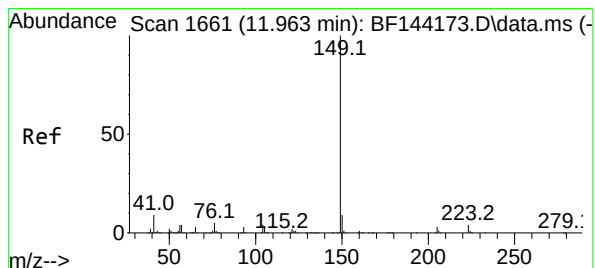
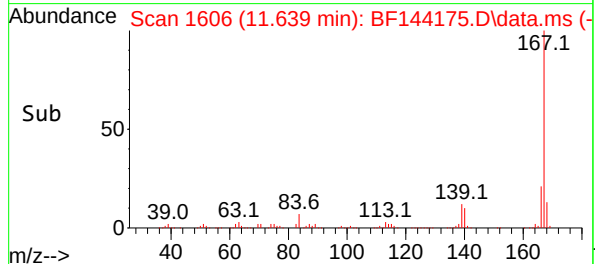
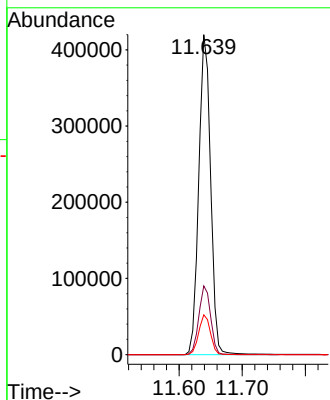
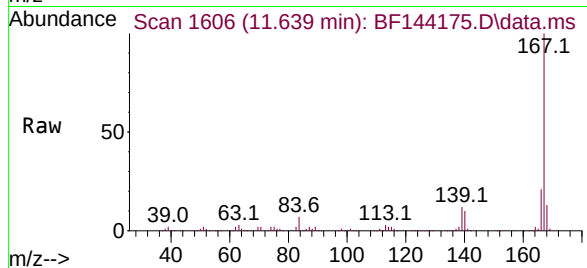




#73
Carbazole
Concen: 59.542 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

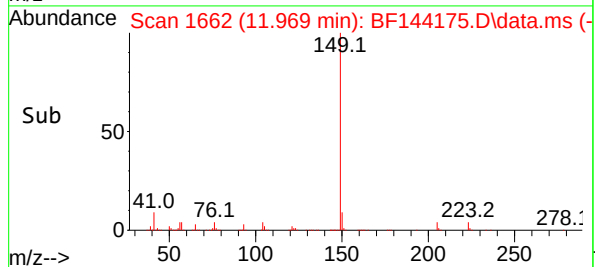
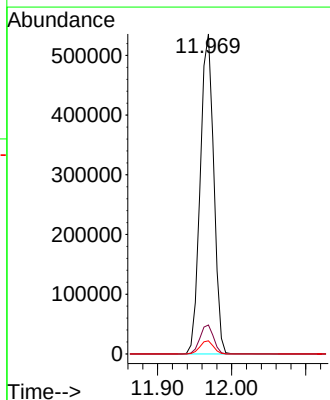
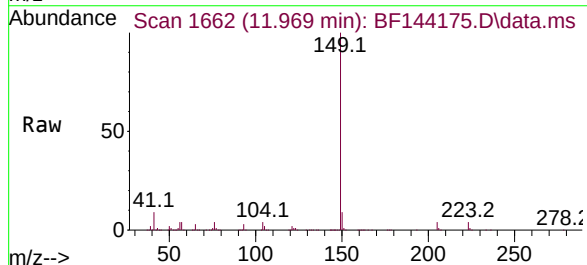
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

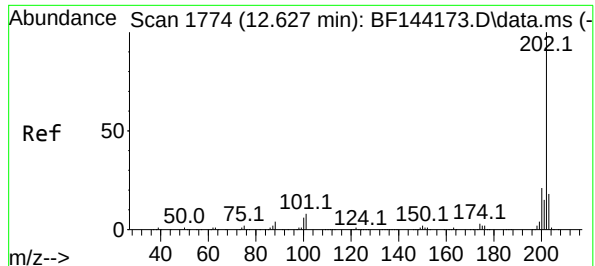
Tgt Ion:167 Resp: 546322
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 61.075 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 677444
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.1 3.4 5.2





#75

Fluoranthene

Concen: 60.849 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

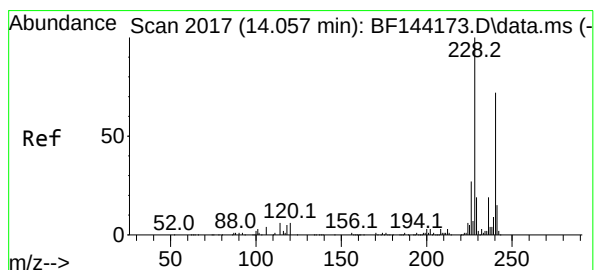
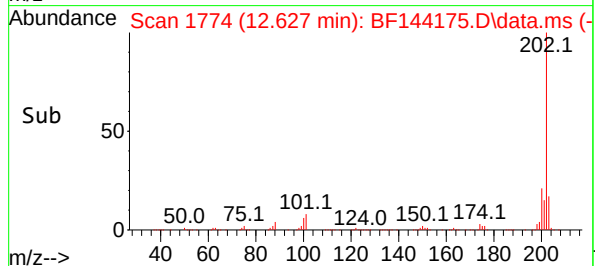
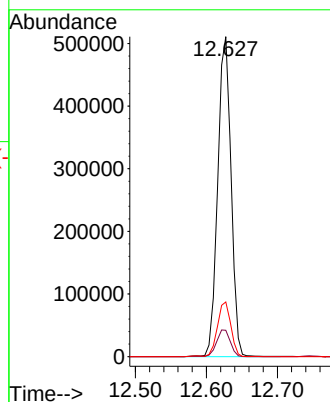
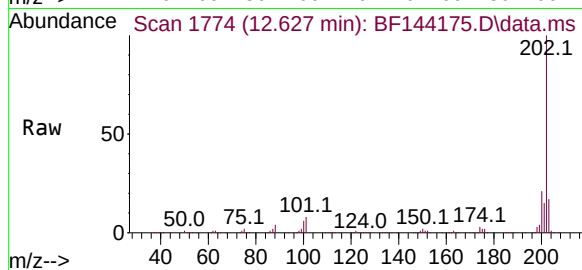
Tgt Ion:202 Resp: 667021

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.9

203 17.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

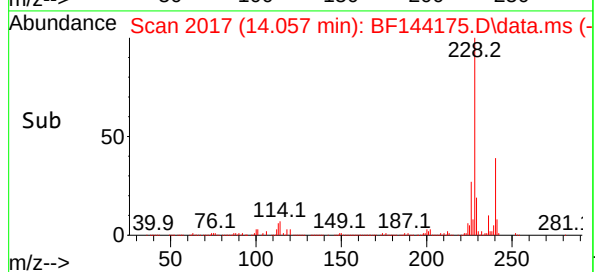
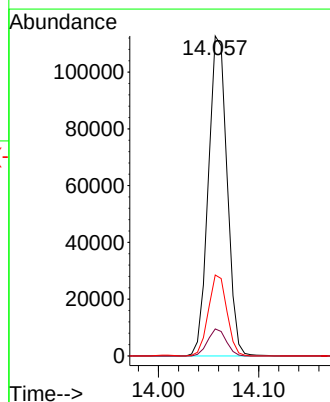
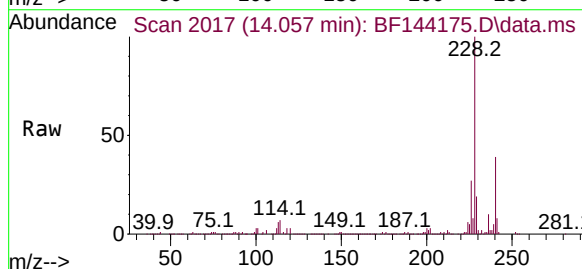
Tgt Ion:240 Resp: 145867

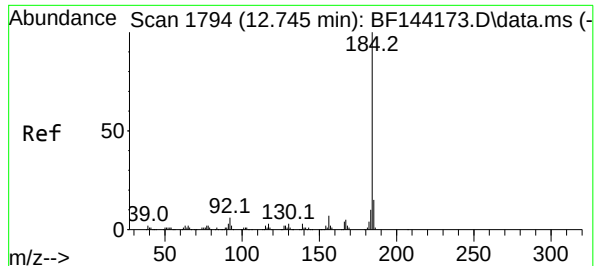
Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

236 25.3 21.4 32.2

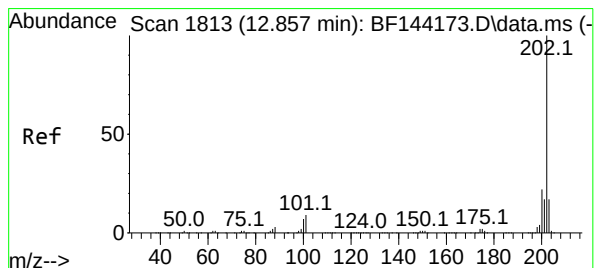
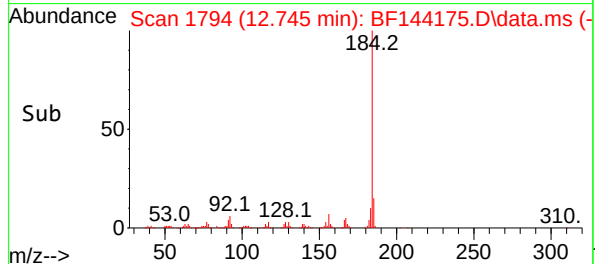
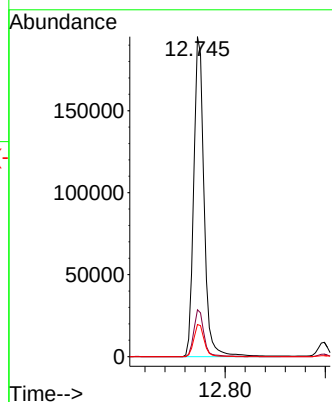
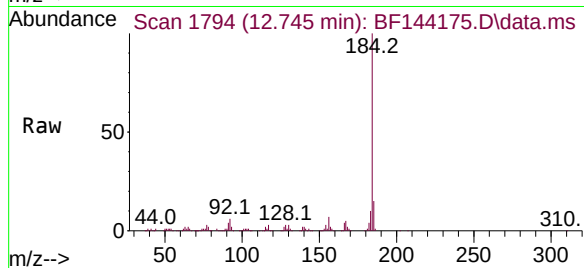




#77
Benzidine
Concen: 64.368 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

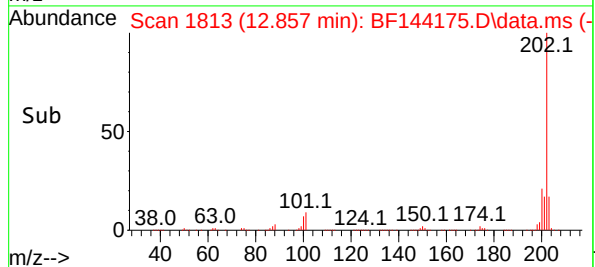
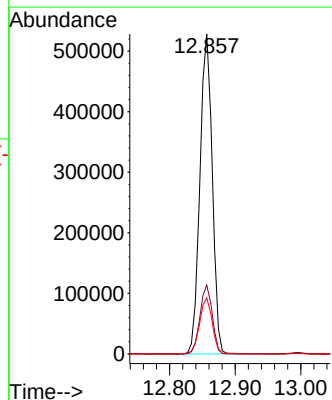
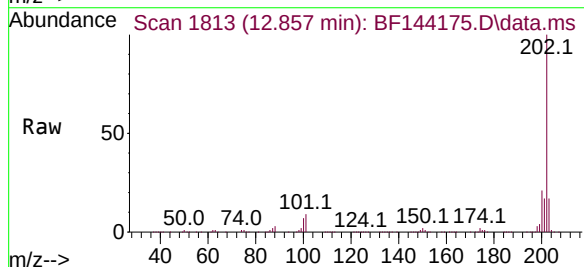
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

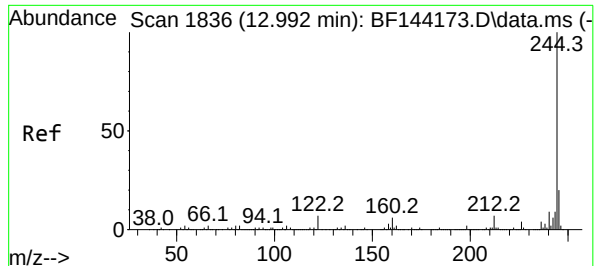
Tgt Ion:184 Resp: 277725
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.0 8.3 12.5



#78
Pyrene
Concen: 58.384 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:202 Resp: 686663
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 115.147 ng

RT: 12.998 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144175.D

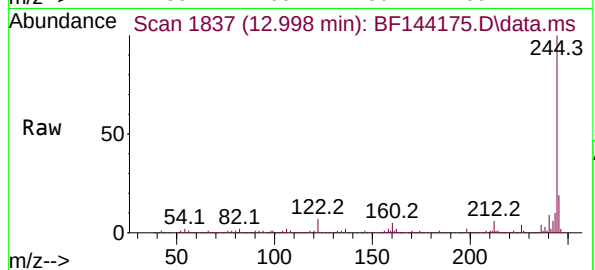
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



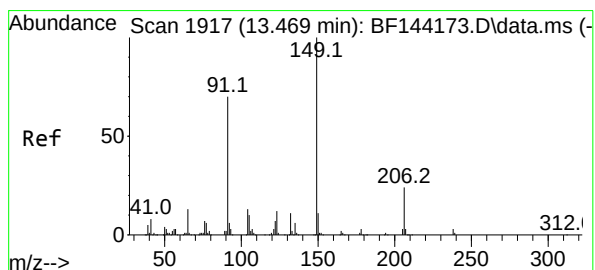
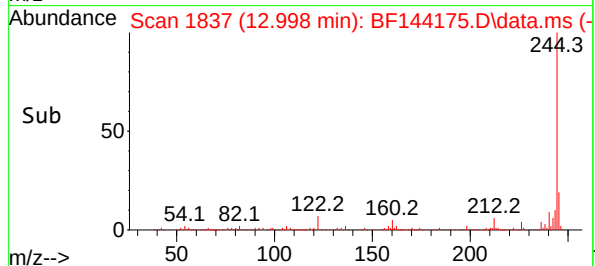
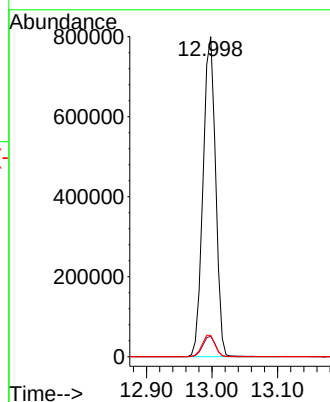
Tgt Ion:244 Resp: 1057426

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 61.152 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

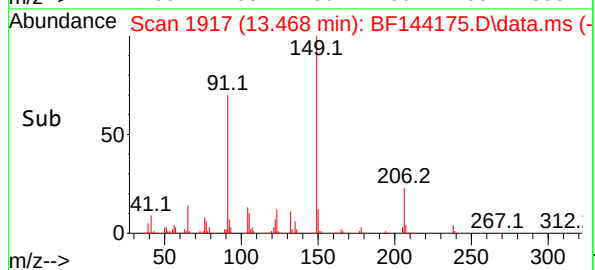
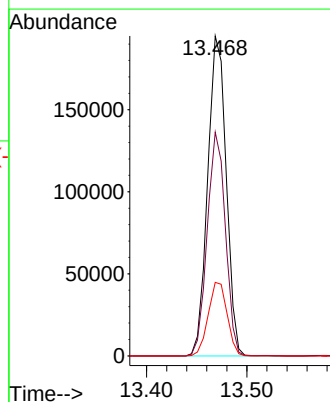
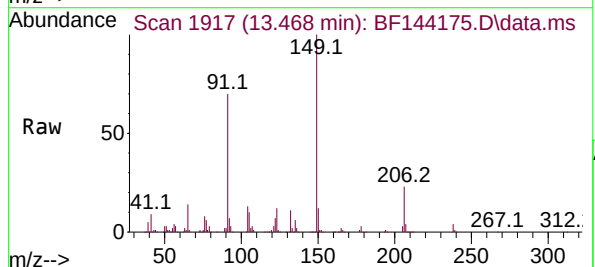
Tgt Ion:149 Resp: 249274

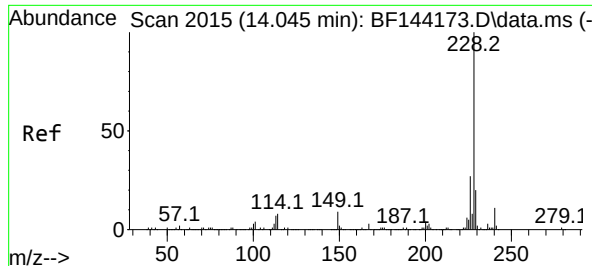
Ion Ratio Lower Upper

149 100

91 69.9 56.1 84.1

206 23.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 64.625 ng

RT: 14.051 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

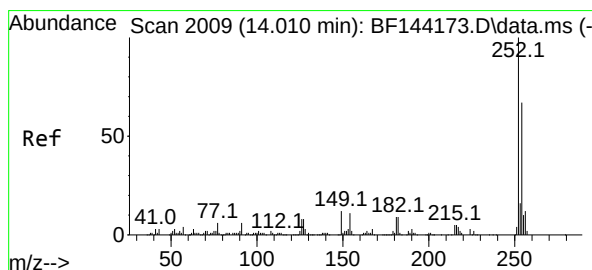
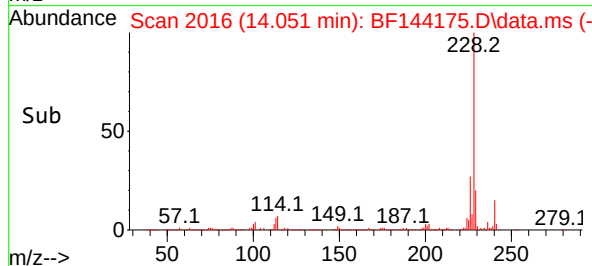
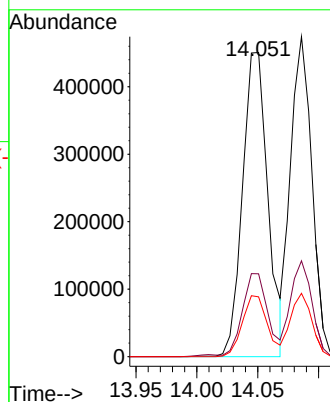
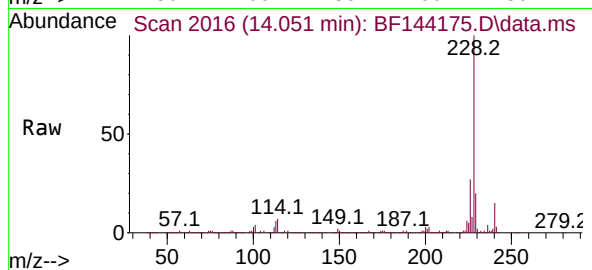
Tgt Ion:228 Resp: 653341

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 67.182 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

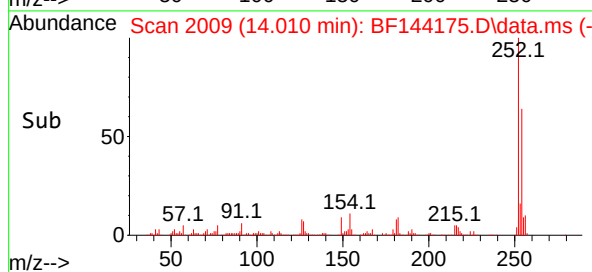
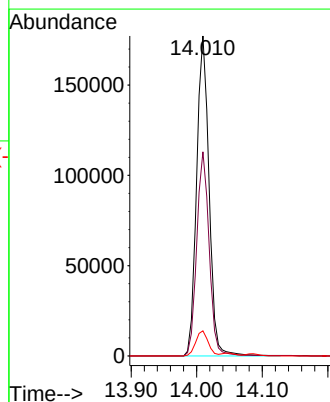
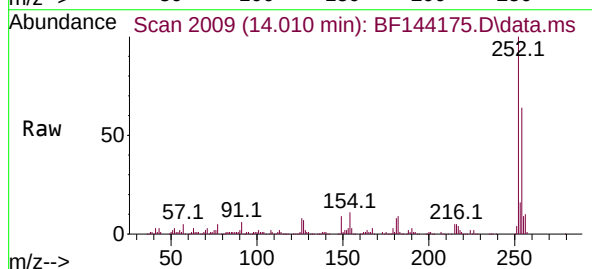
Tgt Ion:252 Resp: 232807

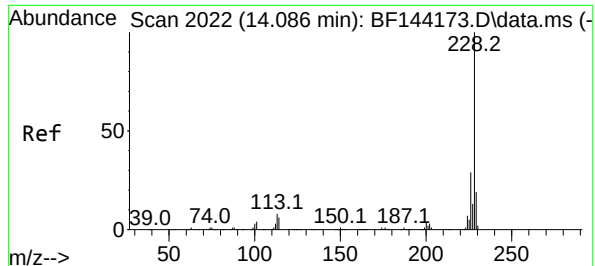
Ion Ratio Lower Upper

252 100

254 63.8 53.5 80.3

126 7.8 6.4 9.6





#83

Chrysene

Concen: 62.196 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

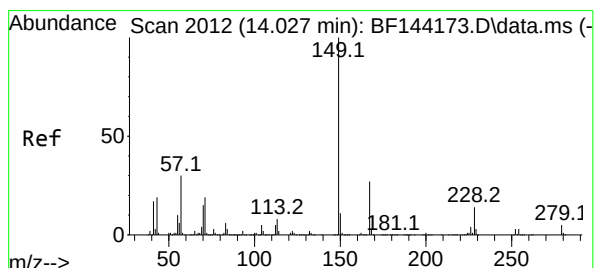
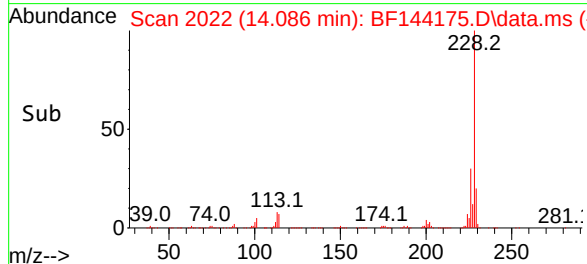
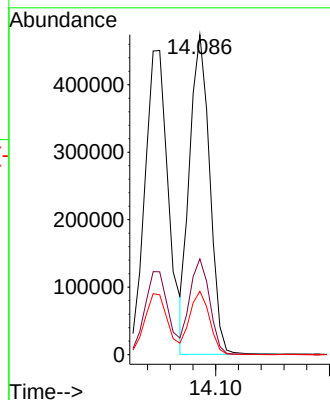
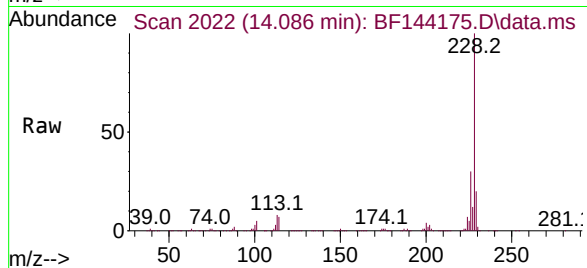
Tgt Ion:228 Resp: 580449

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.991 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

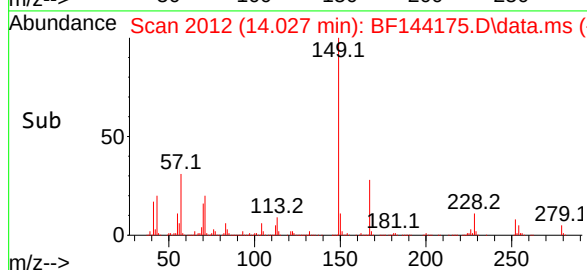
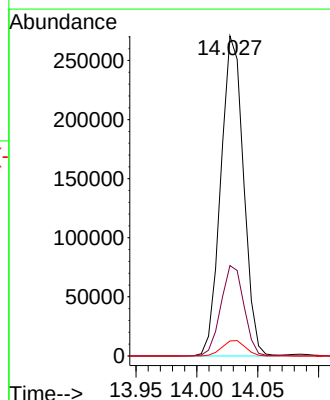
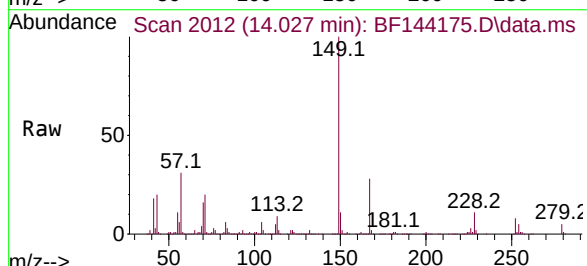
Tgt Ion:149 Resp: 351501

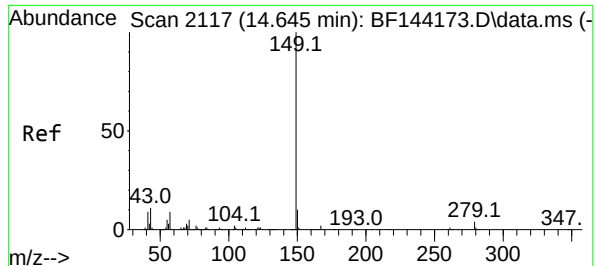
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.7 3.7 5.5

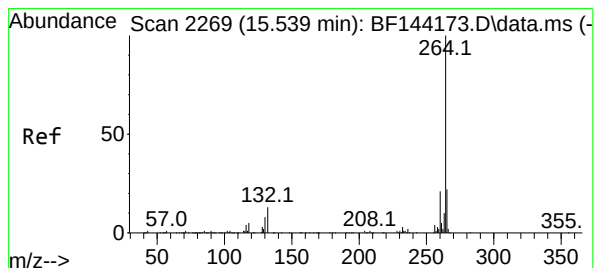
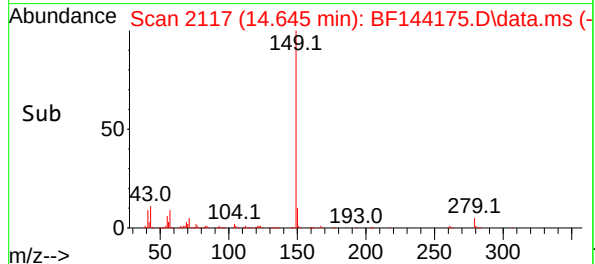
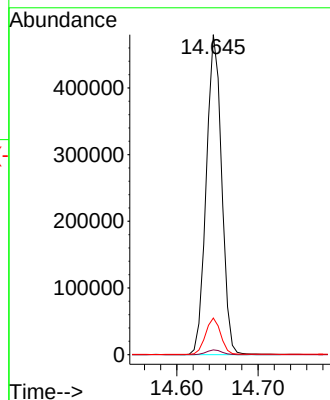
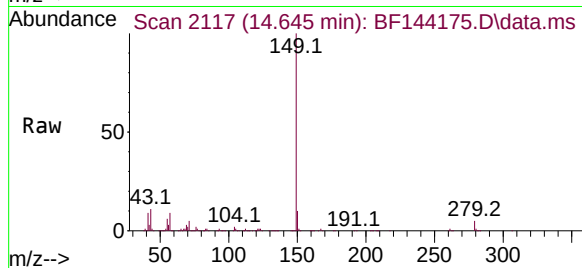




#85
Di-n-octyl phthalate
Concen: 65.547 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

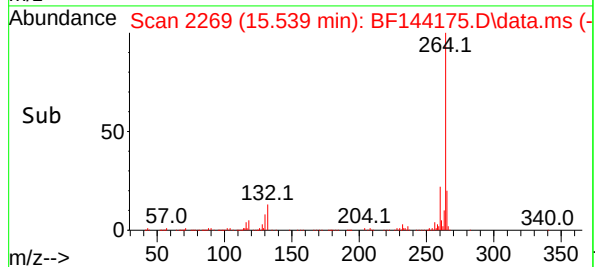
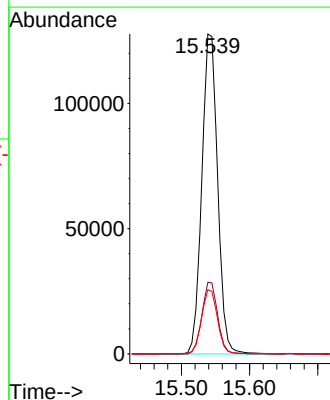
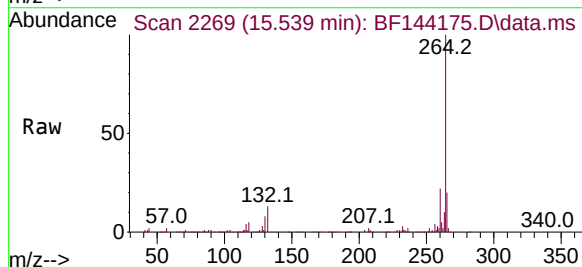
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

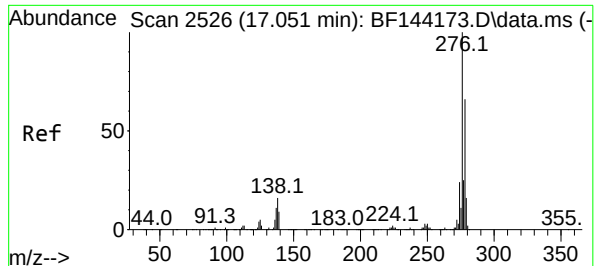
Tgt Ion:149 Resp: 631065
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:264 Resp: 205758
Ion Ratio Lower Upper
264 100
260 22.4 17.1 25.7
265 20.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.557 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

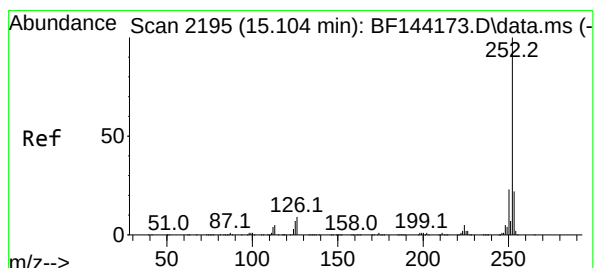
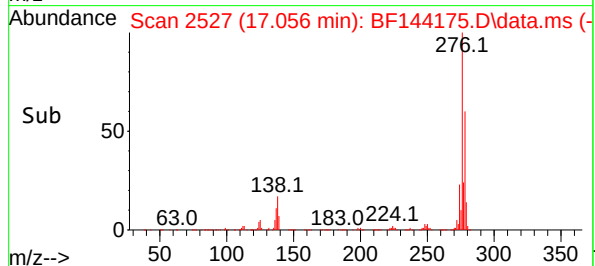
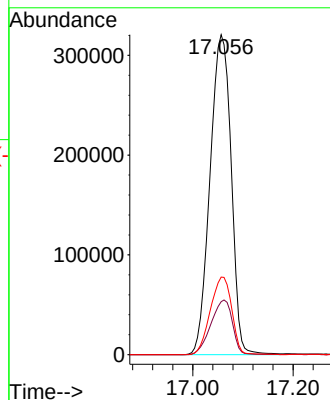
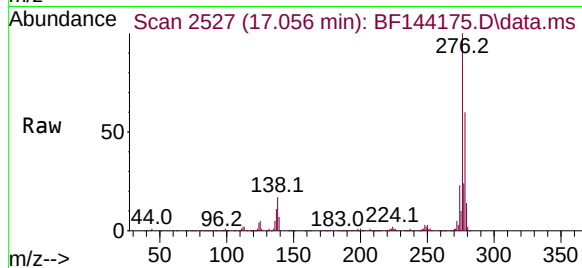
Tgt Ion:276 Resp: 938738

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 59.849 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

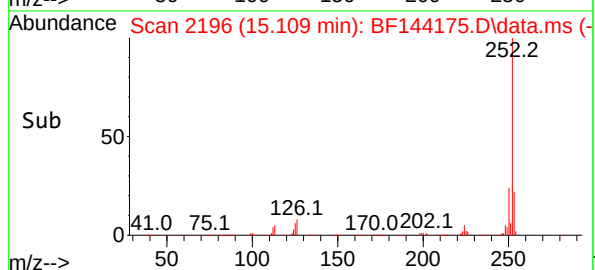
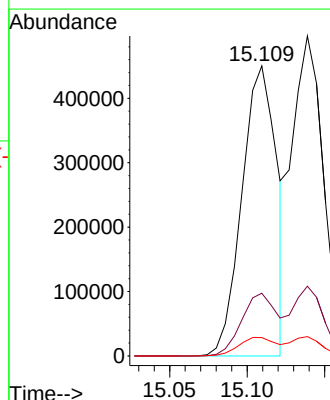
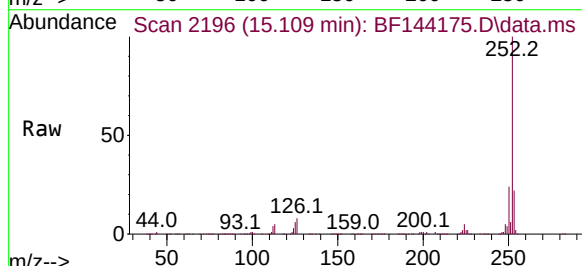
Tgt Ion:252 Resp: 700099

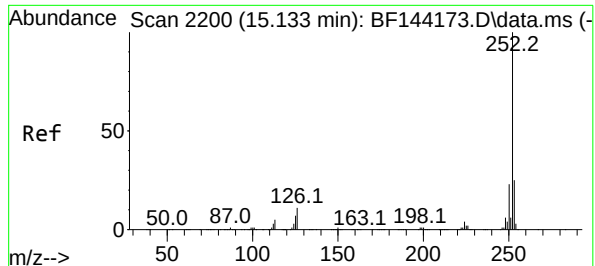
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 6.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 63.919 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

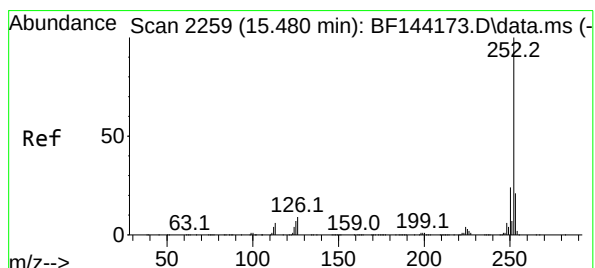
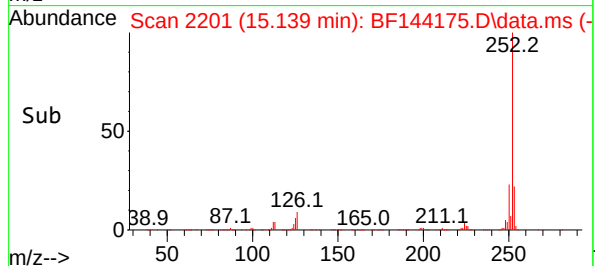
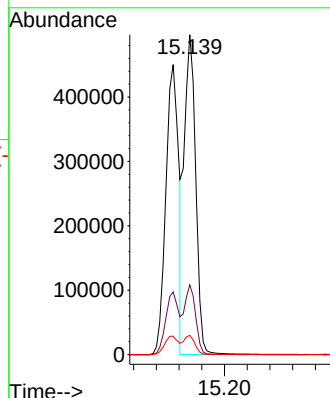
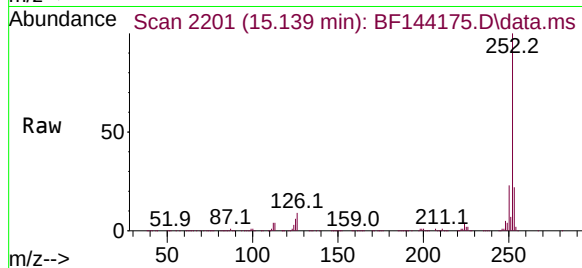
Tgt Ion:252 Resp: 699851

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.0 5.4 8.2



#90

Benzo(a)pyrene

Concen: 63.078 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

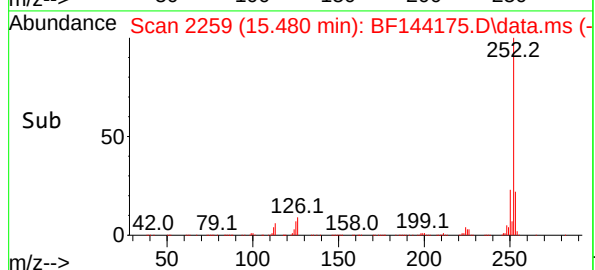
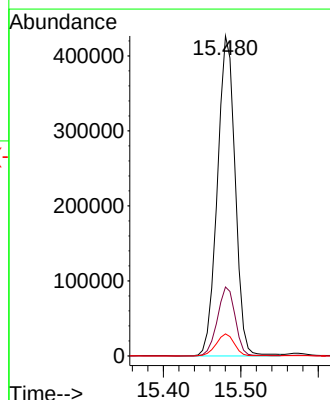
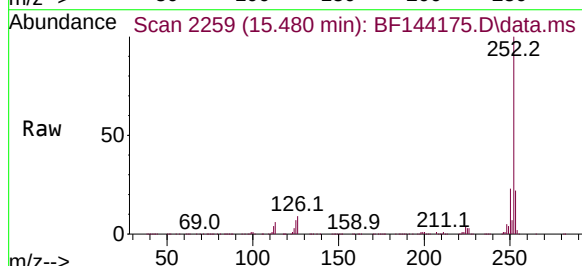
Tgt Ion:252 Resp: 680720

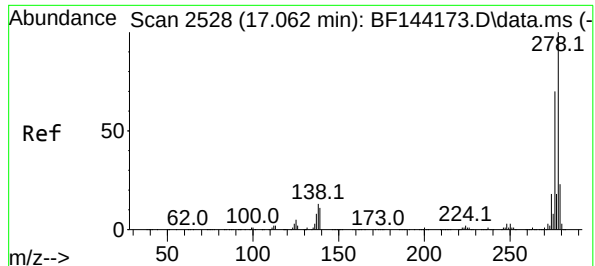
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 6.9 5.7 8.5

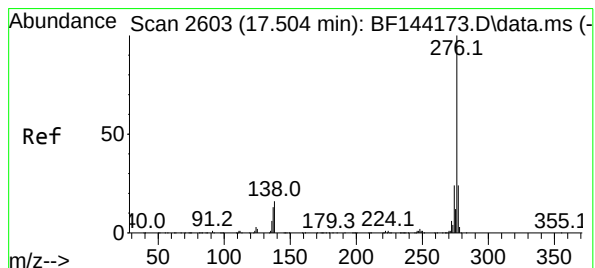
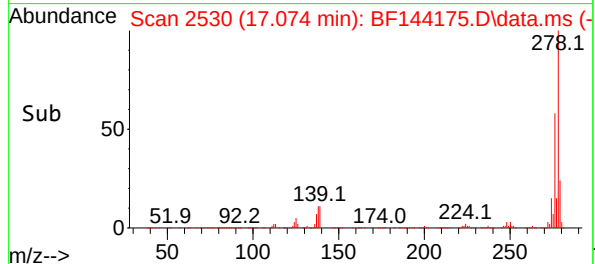
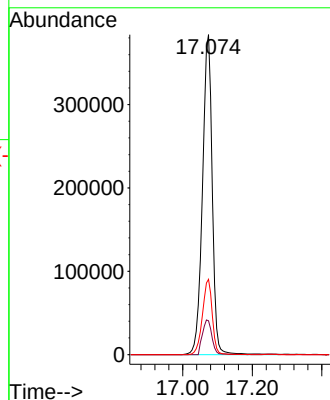
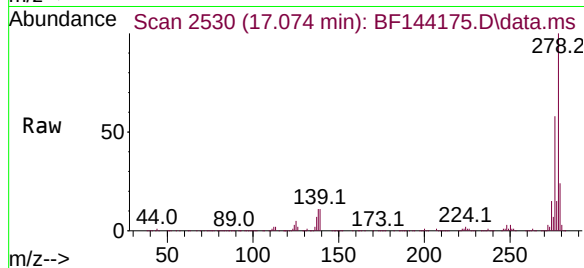




#91
Dibenzo(a,h)anthracene
Concen: 62.936 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

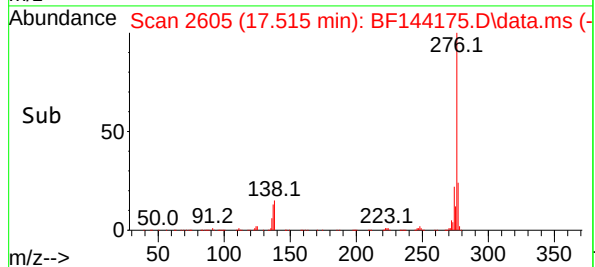
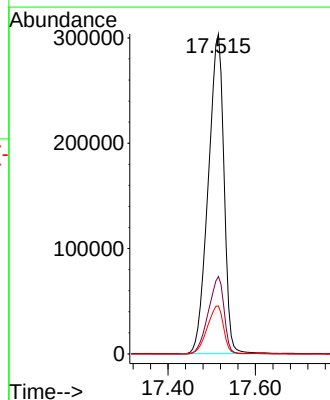
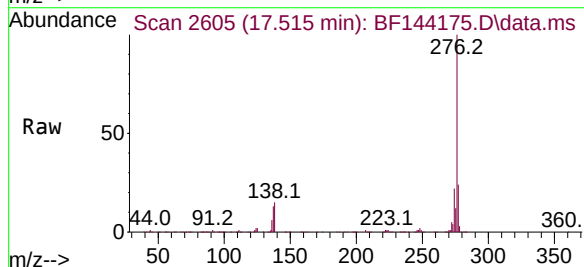
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 746544
Ion Ratio Lower Upper
278 100
139 10.6 9.1 13.7
279 23.5 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 64.699 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 757880
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 15.0 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69287	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261584	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244733	20.000	ng	0.00
76) Chrysene-d12	14.063	240	156809	20.000	ng	0.00
86) Perylene-d12	15.545	264	213275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	661124	149.317	ng	0.00
7) Phenol-d6	6.510	99	742089	147.919	ng	0.00
23) Nitrobenzene-d5	7.445	82	707494	156.207	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293555	158.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1397211	139.809	ng	0.00
79) Terphenyl-d14	12.998	244	1449323	146.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	149682	81.770	ng	99
3) Pyridine	3.375	79	427549	83.719	ng	99
4) n-Nitrosodimethylamine	3.346	42	224403	84.122	ng	98
6) Aniline	6.545	93	532078	74.439	ng	98
8) 2-Chlorophenol	6.663	128	333730	76.859	ng	100
9) Benzaldehyde	6.428	77	189297	66.820	ng	97
10) Phenol	6.528	94	441818	72.080	ng	78
11) bis(2-Chloroethyl)ether	6.616	93	348844	78.104	ng	99
12) 1,3-Dichlorobenzene	6.816	146	406743	75.913	ng	97
13) 1,4-Dichlorobenzene	6.892	146	405797	75.597	ng	99
14) 1,2-Dichlorobenzene	7.045	146	389053	75.617	ng	99
15) Benzyl Alcohol	7.022	79	317271	79.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	620126	75.396	ng	88
17) 2-Methylphenol	7.128	107	265517	76.865	ng	99
18) Hexachloroethane	7.386	117	139795	78.387	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	249355	75.502	ng	98
20) 3+4-Methylphenols	7.287	107	299182	73.473	ng	97
22) Acetophenone	7.292	105	409610	72.994	ng	94
24) Nitrobenzene	7.463	77	385188	78.328	ng	98
25) Isophorone	7.704	82	689837	80.522	ng	99
26) 2-Nitrophenol	7.775	139	194869	80.050	ng	94
27) 2,4-Dimethylphenol	7.816	122	287607	78.826	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	407835	76.234	ng	97
29) 2,4-Dichlorophenol	8.022	162	311260	74.016	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	326475	75.604	ng	97
31) Naphthalene	8.186	128	920731	73.994	ng	99
32) Benzoic acid	7.951	122	213364	79.777	ng	97
33) 4-Chloroaniline	8.233	127	341033	75.146	ng	97
34) Hexachlorobutadiene	8.298	225	249435	76.645	ng	98
35) Caprolactam	8.622	113	91899	79.765	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	290083	76.969	ng	98
37) 2-Methylnaphthalene	8.875	142	610532	73.386	ng	100
38) 1-Methylnaphthalene	8.975	142	586747	73.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	361014	74.631	ng	99
41) Hexachlorocyclopentadiene	9.028	237	146524	78.238	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	254681	77.355	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

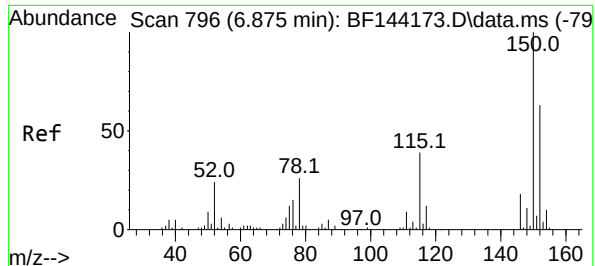
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	268940	75.791	ng	98
46) 1,1'-Biphenyl	9.339	154	749883	72.784	ng	99
47) 2-Chloronaphthalene	9.369	162	641521	72.995	ng	99
48) 2-Nitroaniline	9.463	65	203746	80.348	ng	98
49) Acenaphthylene	9.780	152	889410	74.264	ng	99
50) Dimethylphthalate	9.633	163	736477	75.318	ng	100
51) 2,6-Dinitrotoluene	9.704	165	156870	79.250	ng	98
52) Acenaphthene	9.951	154	594593	74.243	ng	99
53) 3-Nitroaniline	9.875	138	167110	77.230	ng	96
54) 2,4-Dinitrophenol	9.986	184	96727	80.924	ng	96
55) Dibenzofuran	10.128	168	802174	71.517	ng	98
56) 4-Nitrophenol	10.039	139	117050	74.782	ng	93
57) 2,4-Dinitrotoluene	10.110	165	208441	78.661	ng	95
58) Fluorene	10.469	166	618508	72.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203523	81.067	ng	98
60) Diethylphthalate	10.339	149	686705	76.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	357010	73.492	ng	95
62) 4-Nitroaniline	10.498	138	158441	76.889	ng	98
63) Azobenzene	10.622	77	646943	77.117	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	134894	81.136	ng	96
66) n-Nitrosodiphenylamine	10.580	169	600791	76.327	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	246236	78.826	ng	97
68) Hexachlorobenzene	11.022	284	289823	78.769	ng	97
69) Atrazine	11.110	200	191862	76.645	ng	99
70) Pentachlorophenol	11.216	266	161918	88.373	ng	99
71) Phenanthrene	11.433	178	916773	75.238	ng	99
72) Anthracene	11.486	178	916037	73.934	ng	99
73) Carbazole	11.645	167	777702	73.816	ng	100
74) Di-n-butylphthalate	11.969	149	965695	75.822	ng	100
75) Fluoranthene	12.627	202	937436	74.476	ng	99
77) Benzidine	12.751	184	347077	74.828	ng	99
78) Pyrene	12.857	202	943190	74.600	ng	99
80) Butylbenzylphthalate	13.474	149	344575	78.633	ng	99
81) Benzo(a)anthracene	14.051	228	856602	78.818	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	301919	81.046	ng	97
83) Chrysene	14.086	228	792397	78.982	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	479285	79.898	ng	99
85) Di-n-octyl phthalate	14.645	149	855486	82.657	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1215637	79.403	ng	99
88) Benzo(b)fluoranthene	15.110	252	975518	80.454	ng	99
89) Benzo(k)fluoranthene	15.145	252	870791	76.728	ng	98
90) Benzo(a)pyrene	15.486	252	877623	78.458	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	970735	78.952	ng	98
92) Benzo(g,h,i)perylene	17.521	276	981387	80.827	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

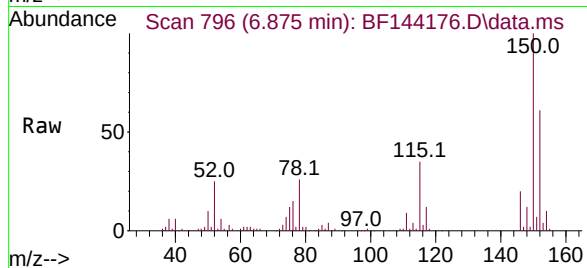
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BNA_F
ClientSampleId :
SSTDICC080

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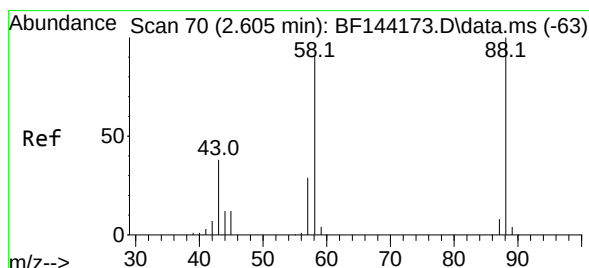
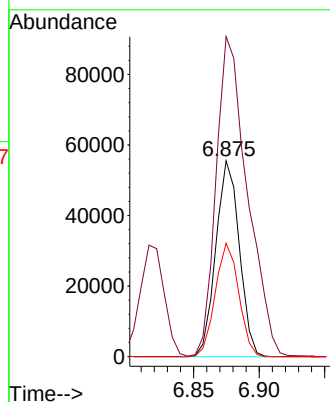
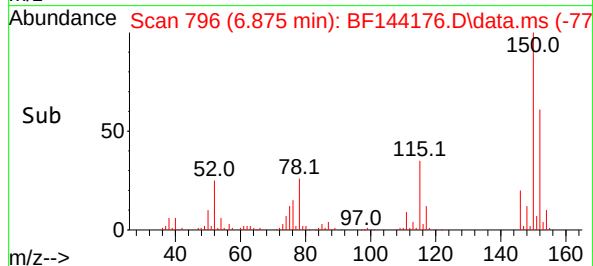


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

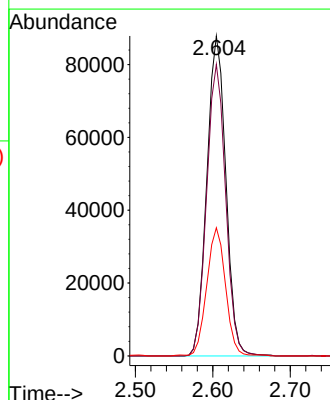
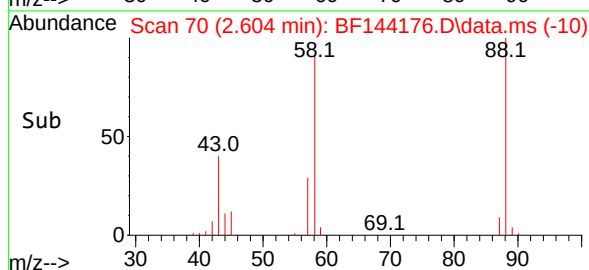
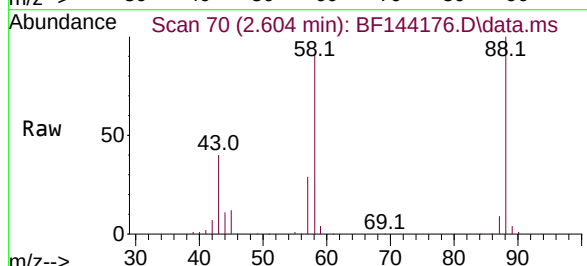


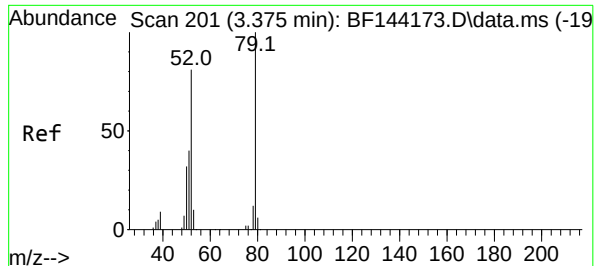
Tgt Ion:152 Resp: 69287
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 57.8 49.5 74.3



#2
1,4-Dioxane
Concen: 81.770 ng
RT: 2.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 88 Resp: 149682
Ion Ratio Lower Upper
88 100
58 91.2 73.1 109.7
43 39.7 31.0 46.6





#3

Pyridine

Concen: 83.719 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

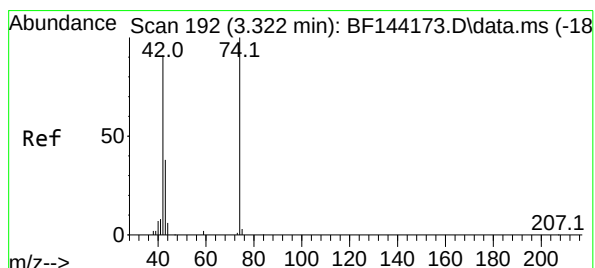
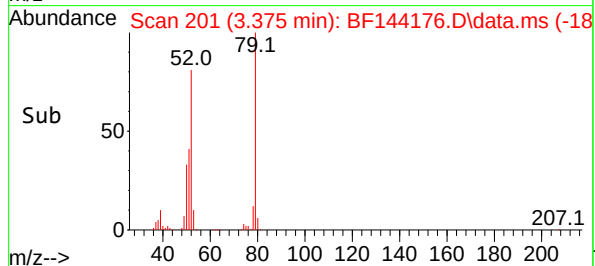
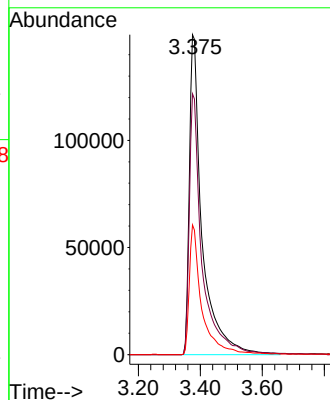
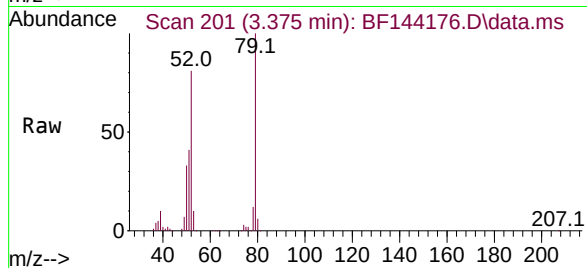
Tgt Ion: 79 Resp: 427549

Ion	Ratio	Lower	Upper

79	100		

52	81.5	64.5	96.7

51	40.5	31.7	47.5



#4

n-Nitrosodimethylamine

Concen: 84.122 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

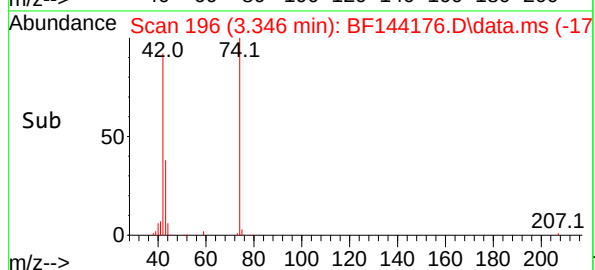
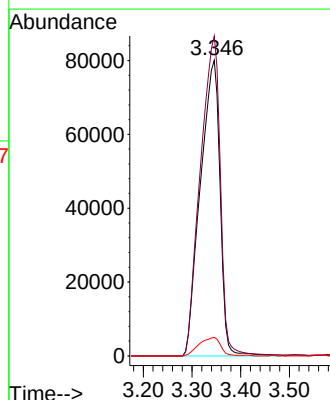
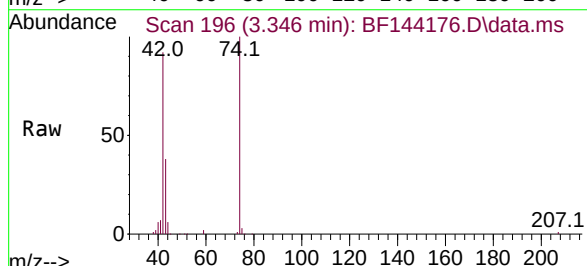
Tgt Ion: 42 Resp: 224403

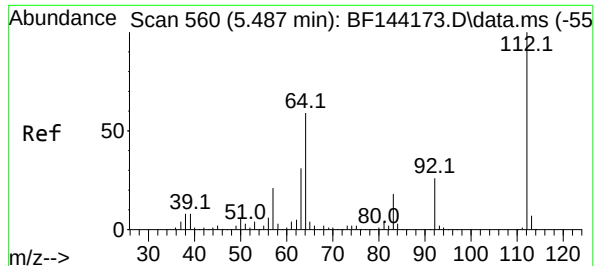
Ion	Ratio	Lower	Upper

42	100		

74	108.2	88.2	132.4

44	6.2	5.7	8.5

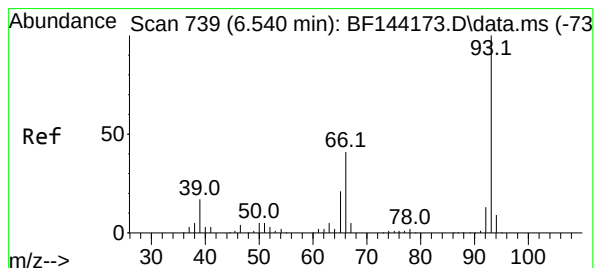
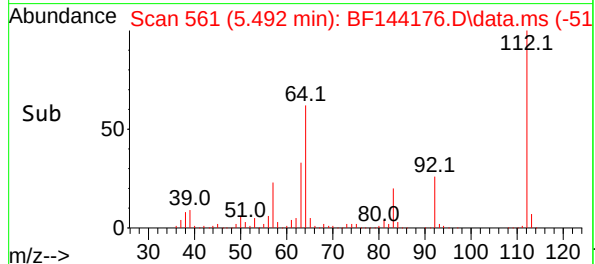
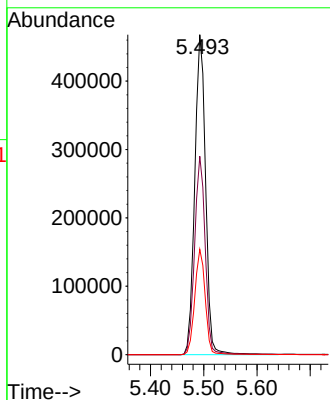
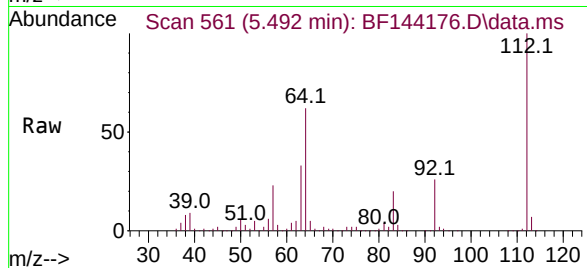




#5
2-Fluorophenol
Concen: 149.317 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

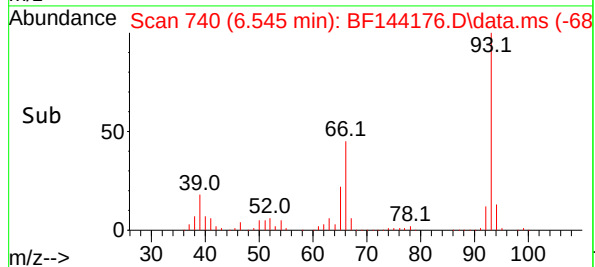
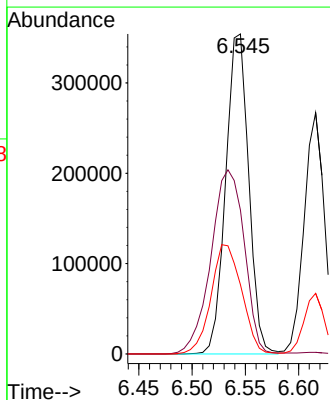
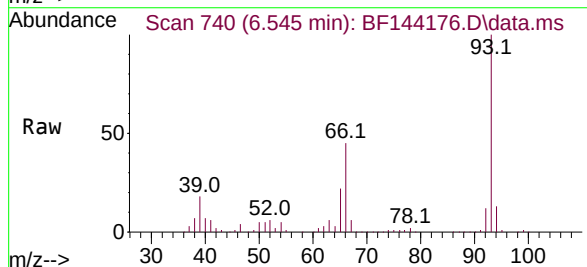
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

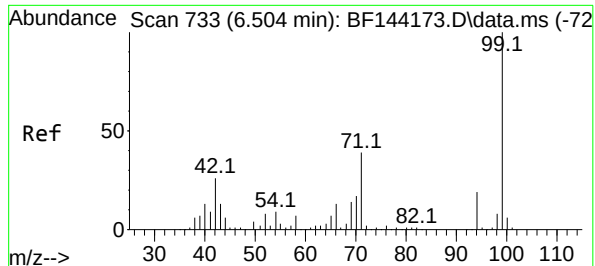
Tgt Ion:112 Resp: 661124
Ion Ratio Lower Upper
112 100
64 62.0 47.2 70.8
63 32.9 24.4 36.6



#6
Aniline
Concen: 74.439 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 532078
Ion Ratio Lower Upper
93 100
66 44.9 34.3 51.5
65 21.6 16.9 25.3

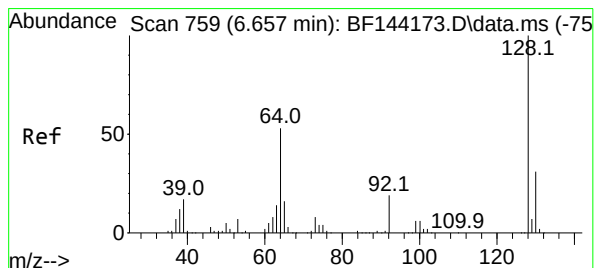
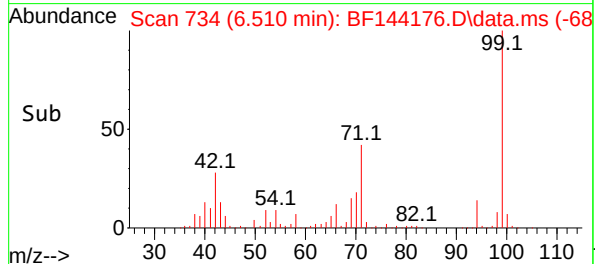
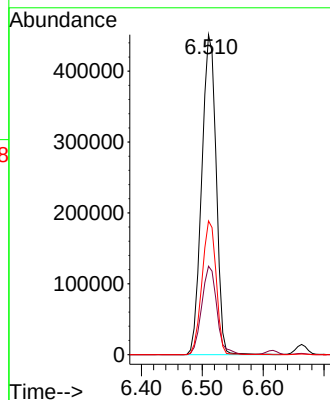
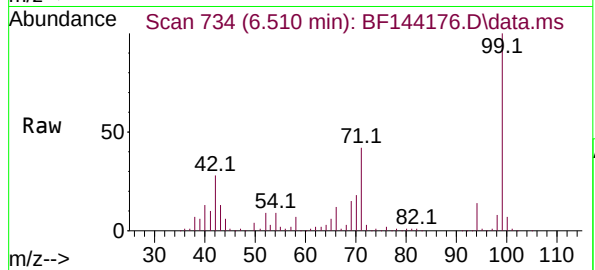




#7
Phenol-d6
Concen: 147.919 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

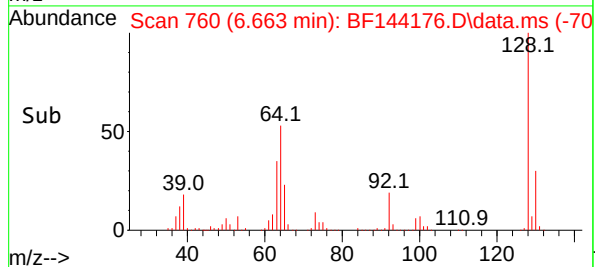
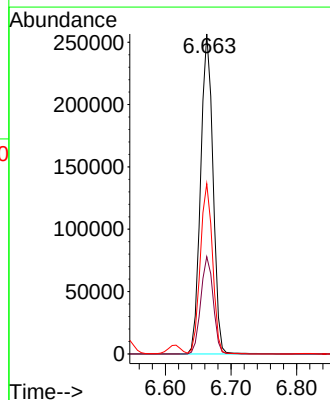
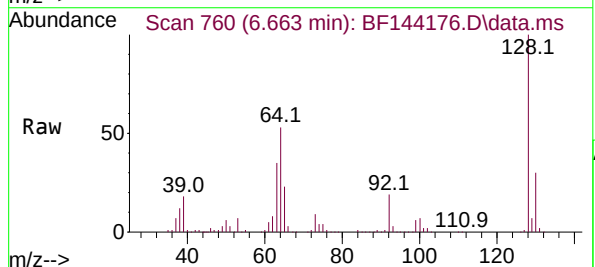
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

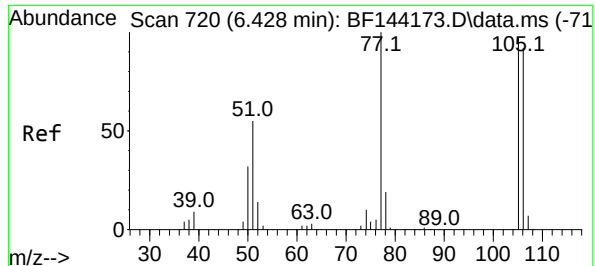
Tgt Ion: 99 Resp: 742089
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 41.8 31.4 47.2



#8
2-Chlorophenol
Concen: 76.859 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 128 Resp: 333730
Ion Ratio Lower Upper
128 100
130 30.4 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 66.820 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

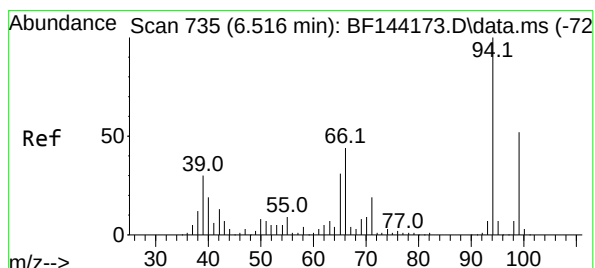
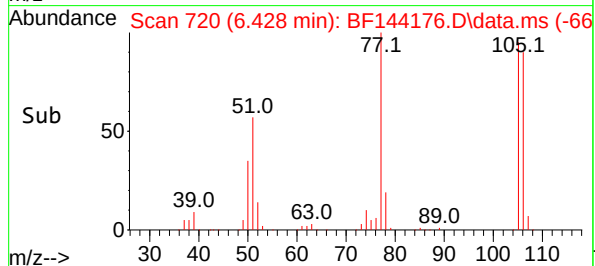
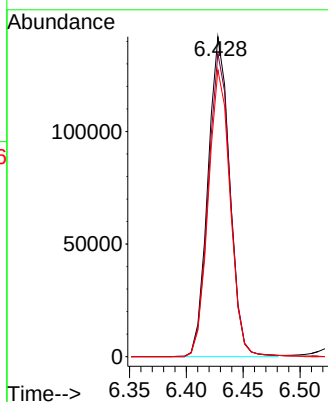
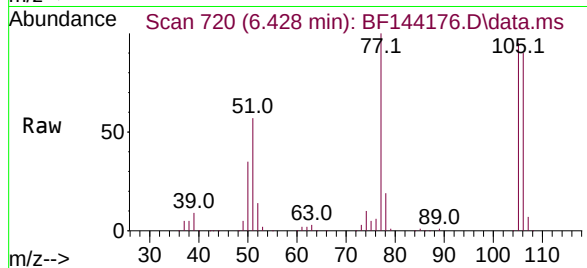
Tgt Ion: 77 Resp: 189297

Ion Ratio Lower Upper

77 100

105 94.7 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 72.080 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

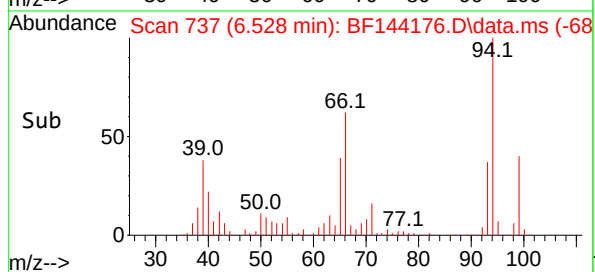
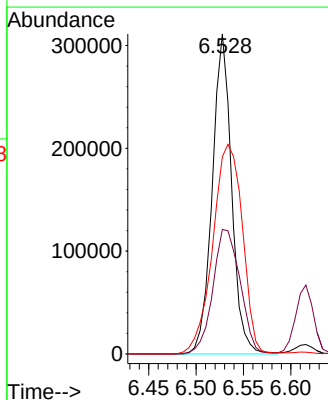
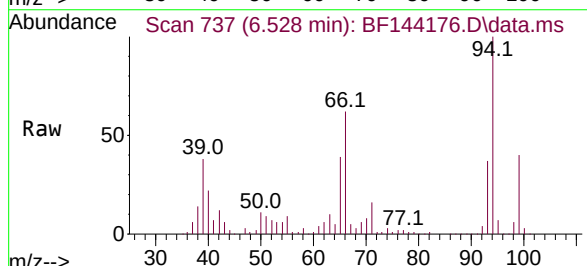
Tgt Ion: 94 Resp: 441818

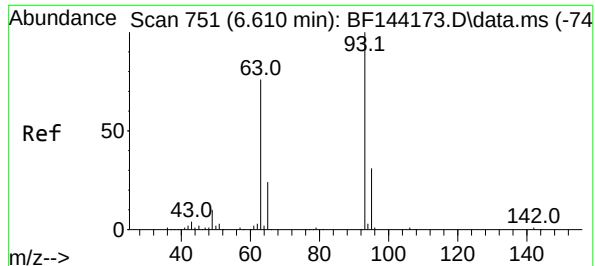
Ion Ratio Lower Upper

94 100

65 38.9 10.8 50.8

66 61.6 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 78.104 ng

RT: 6.616 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

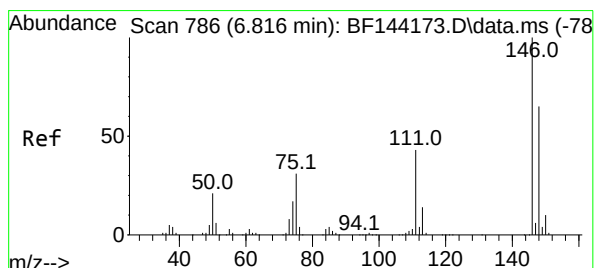
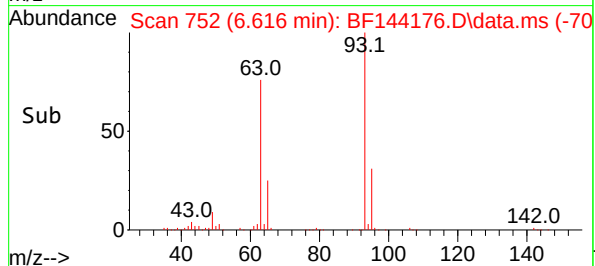
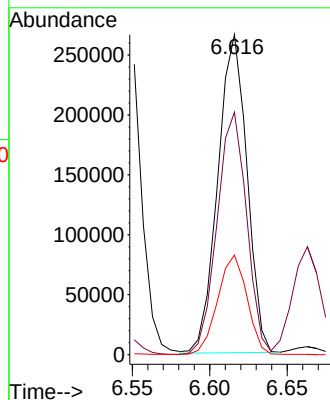
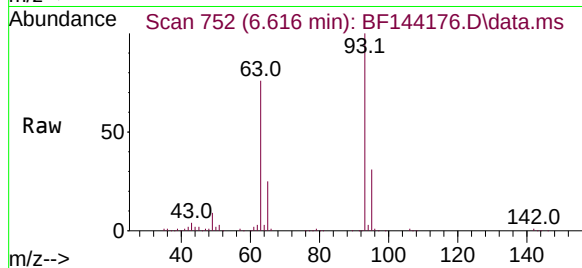
Tgt Ion: 93 Resp: 348844

Ion Ratio Lower Upper

93 100

63 75.8 55.2 95.2

95 31.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 75.913 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

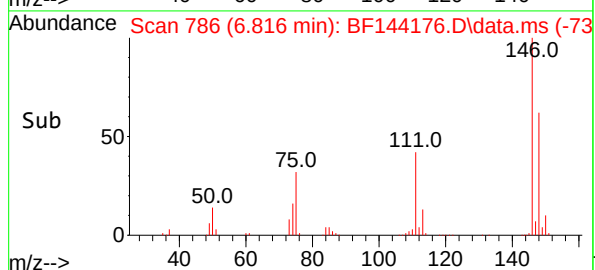
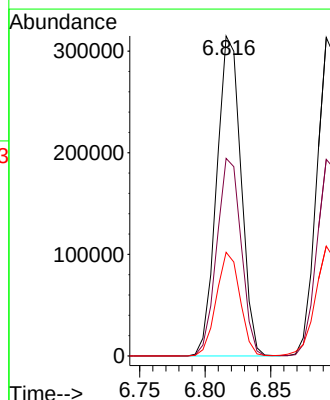
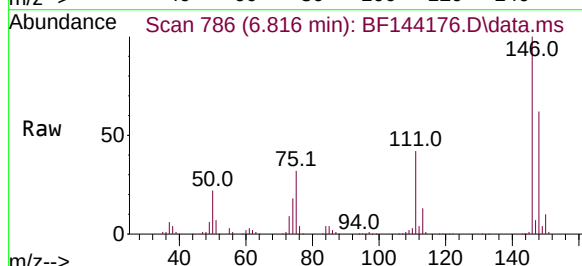
Tgt Ion:146 Resp: 406743

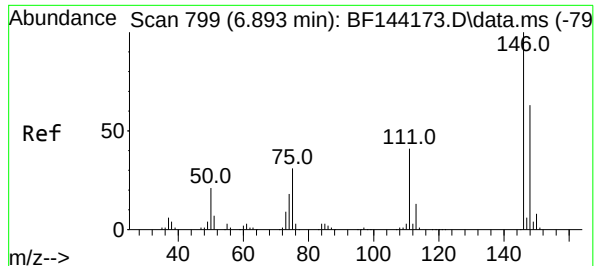
Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

75 32.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 75.597 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

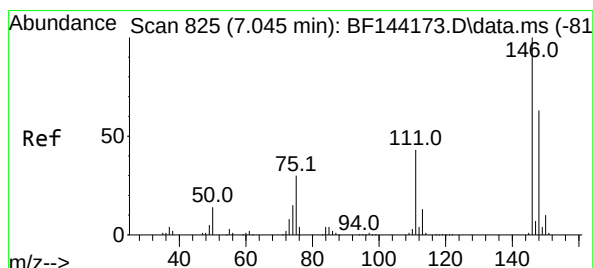
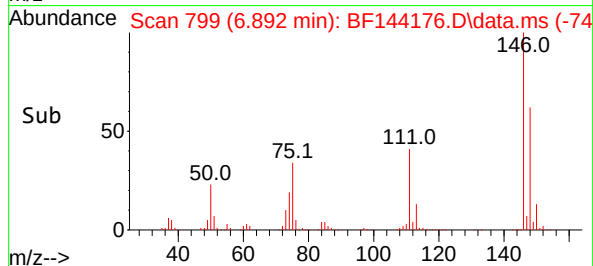
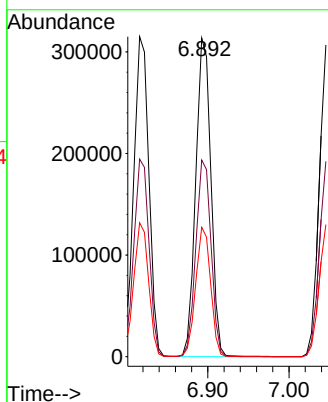
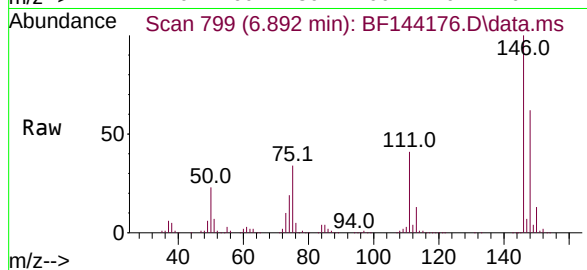
Tgt Ion:146 Resp: 405797

Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.2

111 40.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 75.617 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

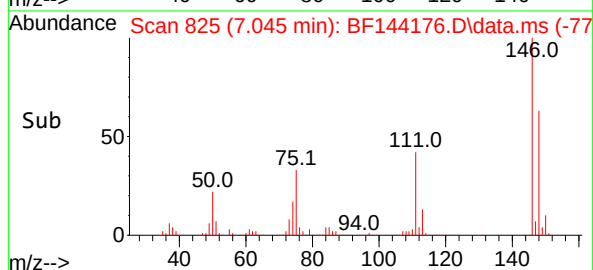
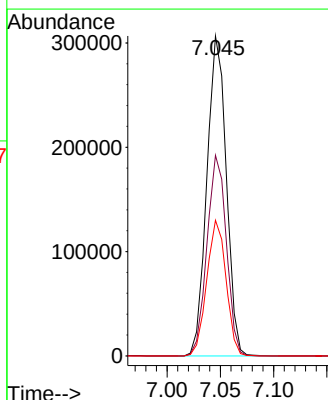
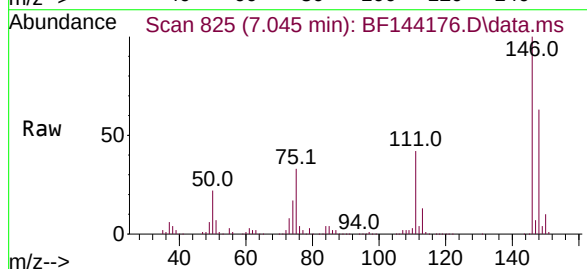
Tgt Ion:146 Resp: 389053

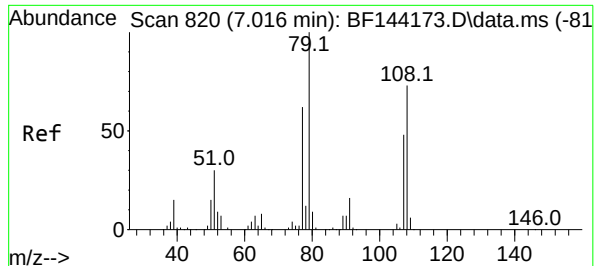
Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 42.4 34.2 51.4

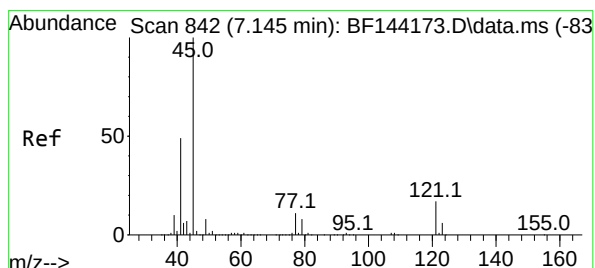
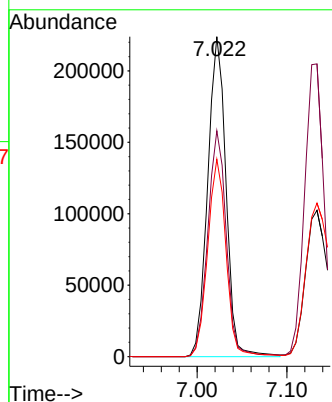
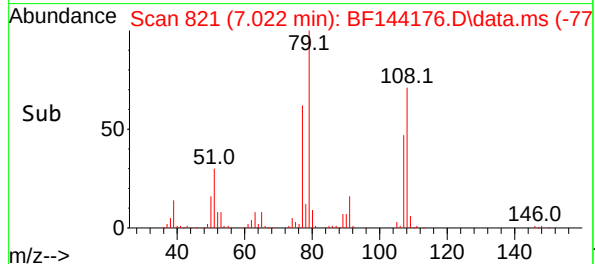
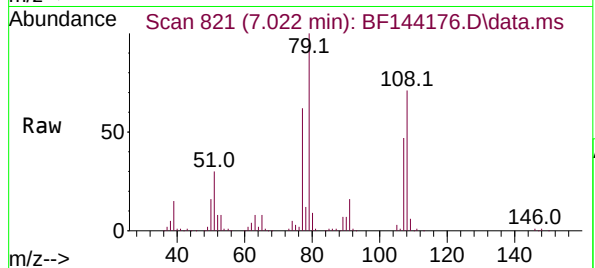




#15
Benzyl Alcohol
Concen: 79.866 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

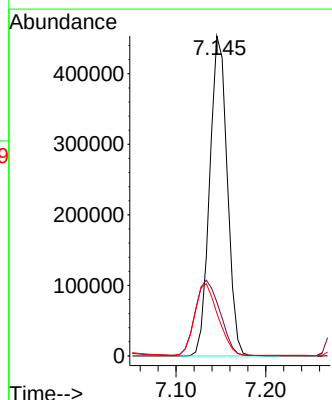
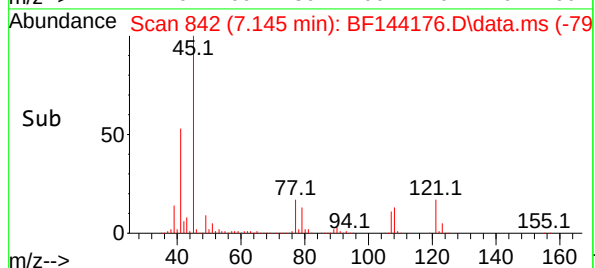
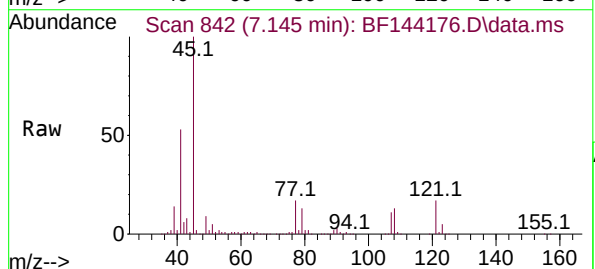
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

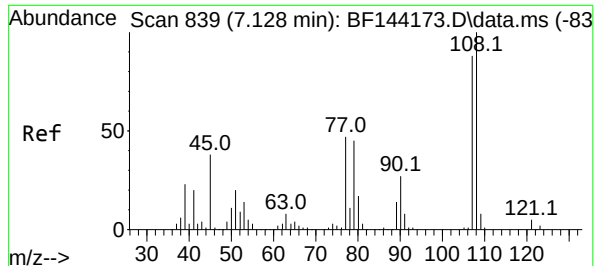
Tgt Ion: 79 Resp: 317271
Ion Ratio Lower Upper
79 100
108 70.6 58.2 87.4
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.396 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 45 Resp: 620126
Ion Ratio Lower Upper
45 100
77 16.8 0.0 31.8
79 13.3 0.0 29.1

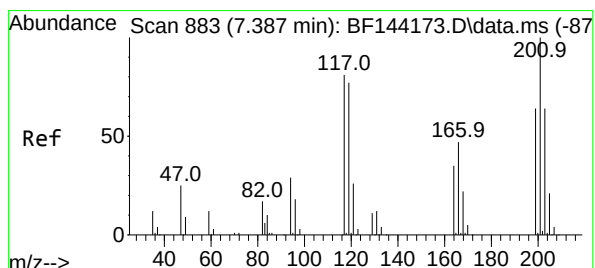
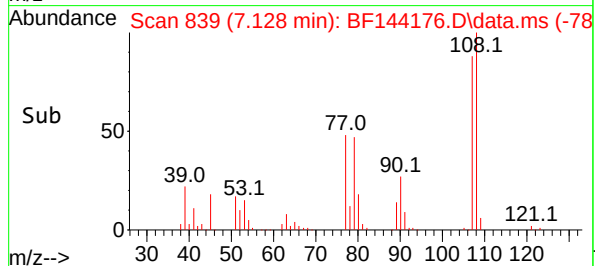
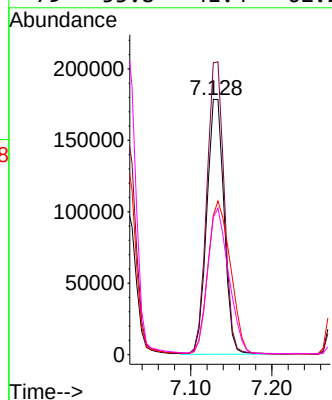
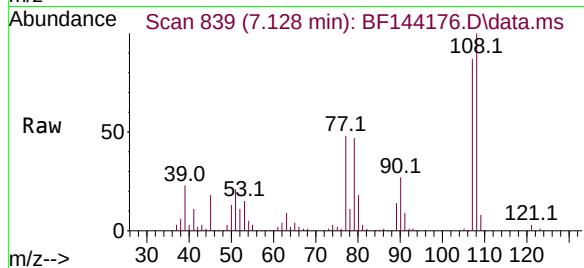




#17
2-Methylphenol
Concen: 76.865 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

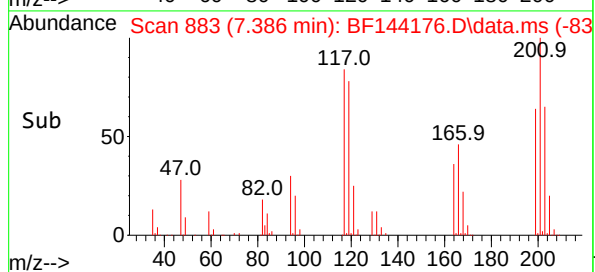
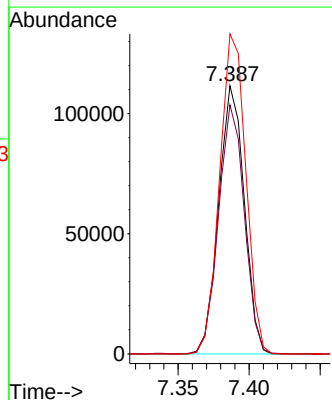
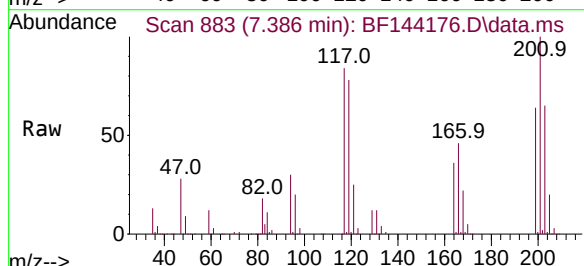
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

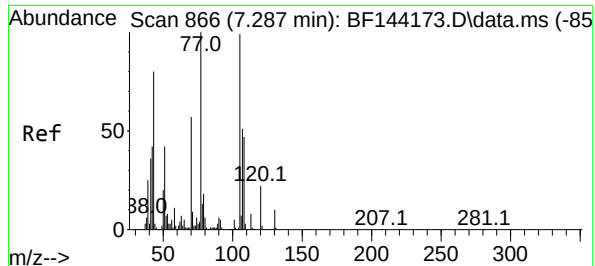
Tgt Ion:	107	Resp:	265517
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	54.6	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 78.387 ng
RT: 7.386 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	117	Resp:	139795
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	119.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 75.502 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF144176.D

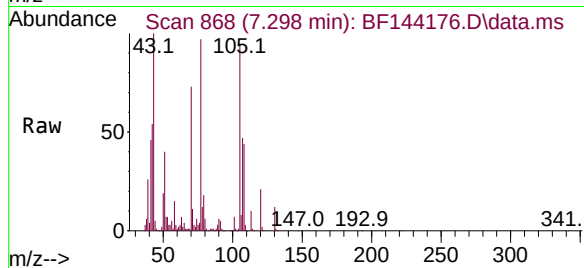
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 249355

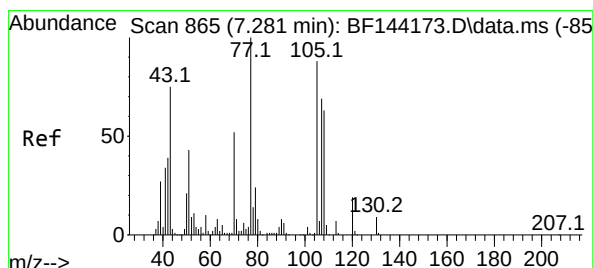
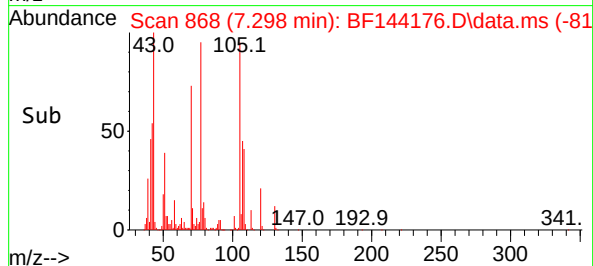
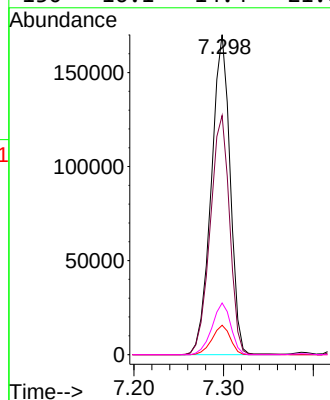
Ion Ratio Lower Upper

70 100

42 74.7 58.3 87.5

101 9.2 7.0 10.6

130 16.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 73.473 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 107 Resp: 299182

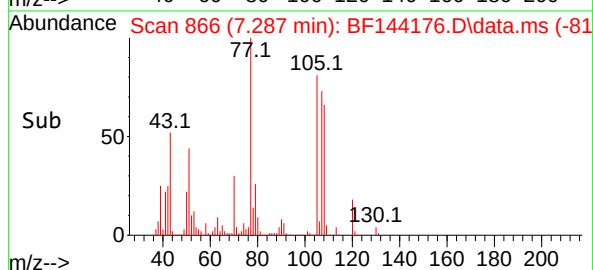
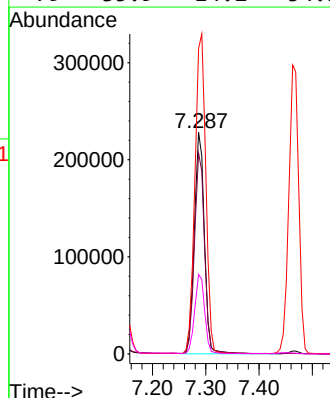
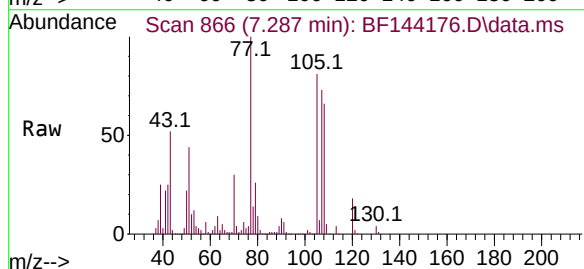
Ion Ratio Lower Upper

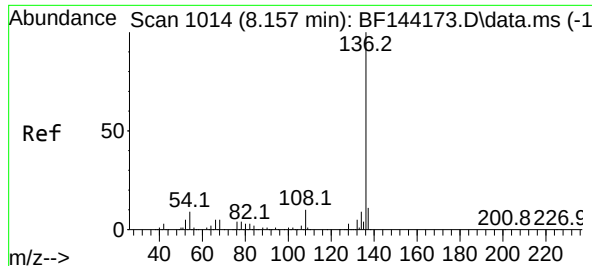
107 100

108 90.6 70.2 110.2

77 137.9 123.9 163.9

79 35.9 14.2 54.2

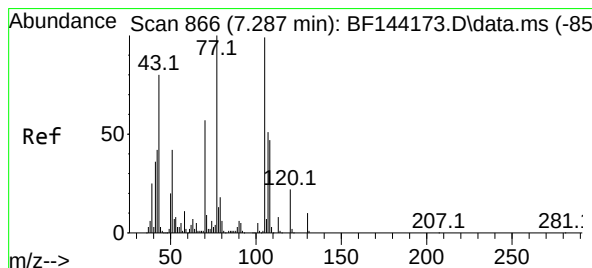
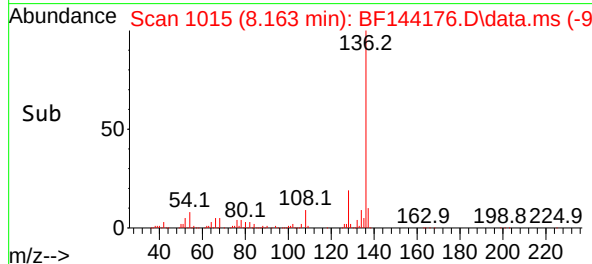
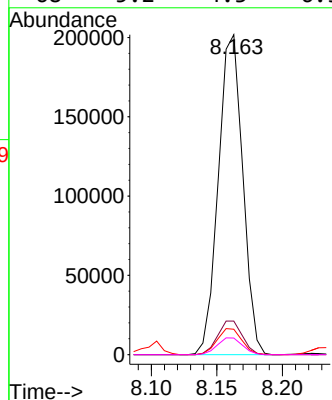
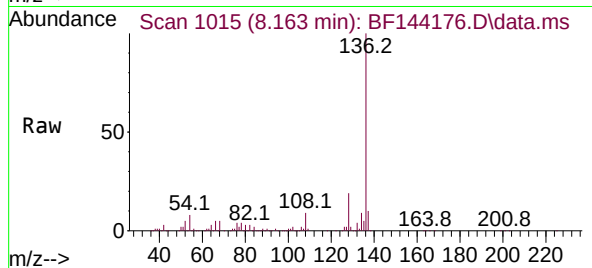




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

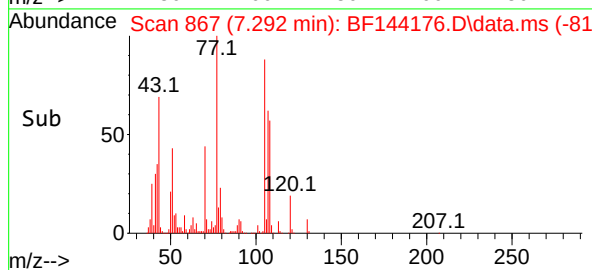
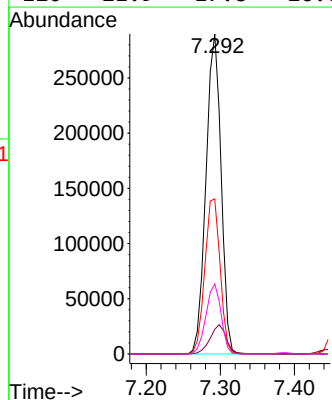
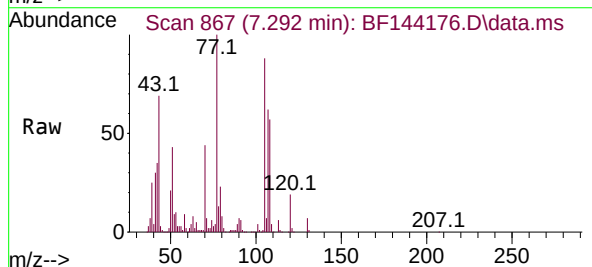
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

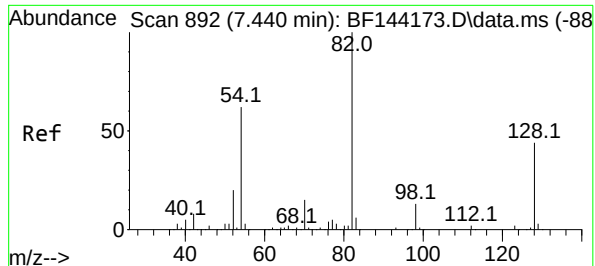
Tgt Ion:136 Resp: 261584
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 7.0 10.6
68 5.2 4.3 6.5



#22
Acetophenone
Concen: 72.994 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:105 Resp: 409610
Ion Ratio Lower Upper
105 100
71 7.7 7.2 10.8
51 48.4 34.0 51.0
120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 156.207 ng

RT: 7.445 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

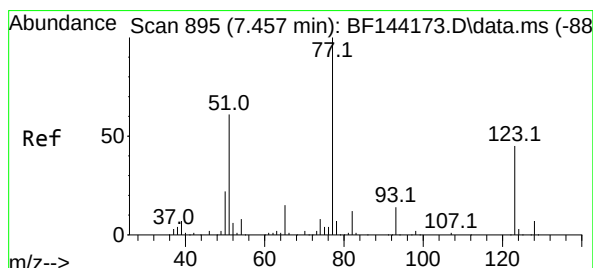
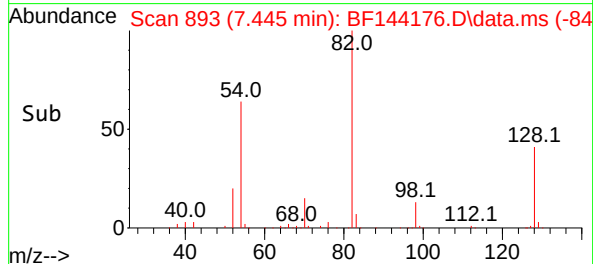
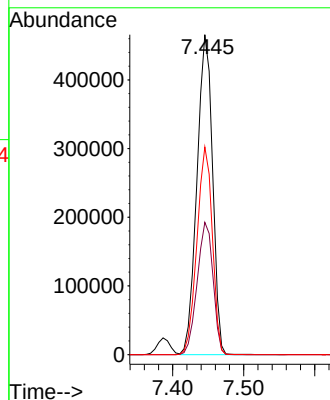
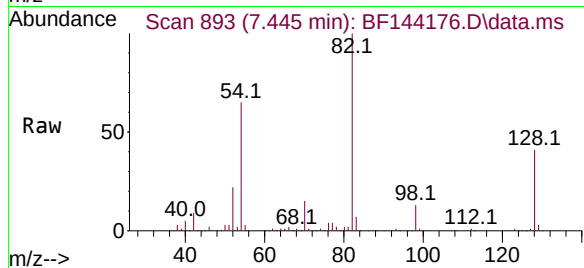
Tgt Ion: 82 Resp: 707494

Ion Ratio Lower Upper

82 100

128 41.3 34.7 52.1

54 64.9 49.5 74.3



#24

Nitrobenzene

Concen: 78.328 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

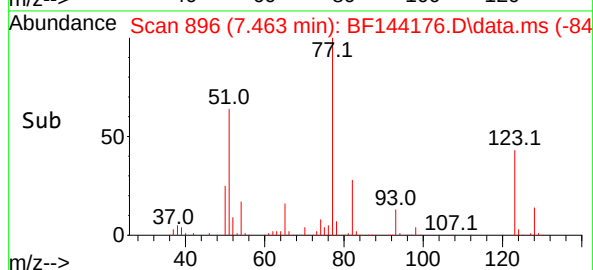
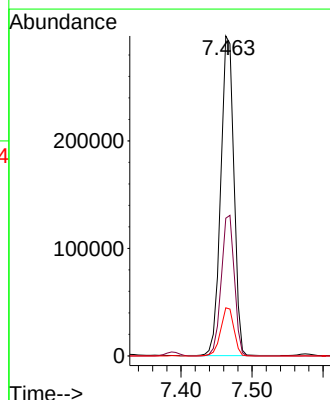
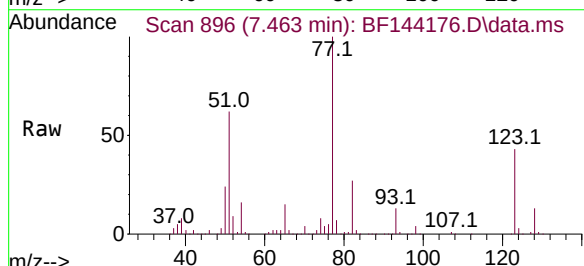
Tgt Ion: 77 Resp: 385188

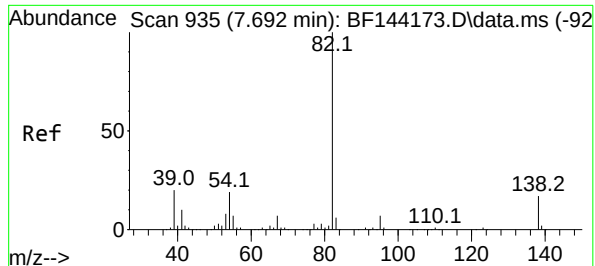
Ion Ratio Lower Upper

77 100

123 43.0 35.8 53.8

65 15.0 12.2 18.2

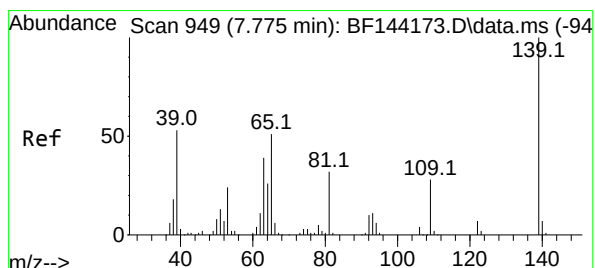
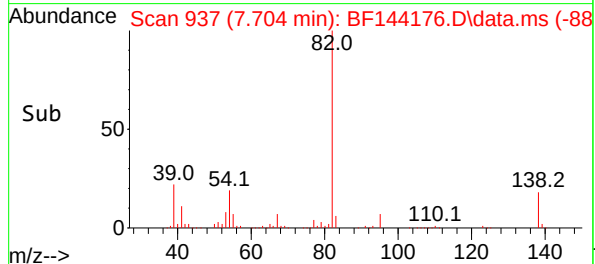
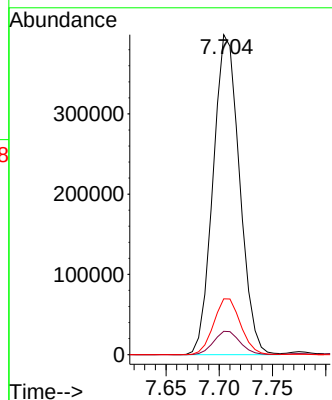
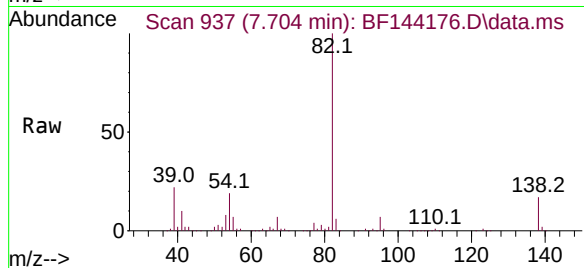




#25
Isophorone
Concen: 80.522 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

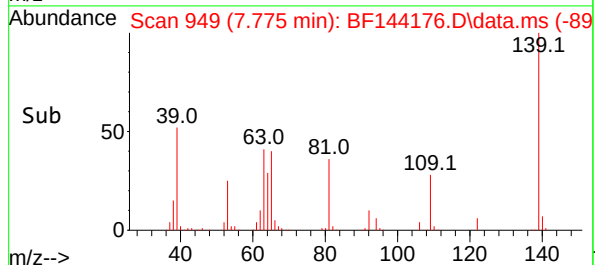
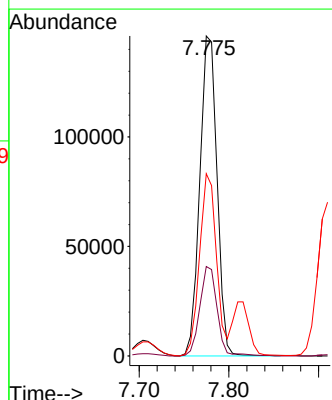
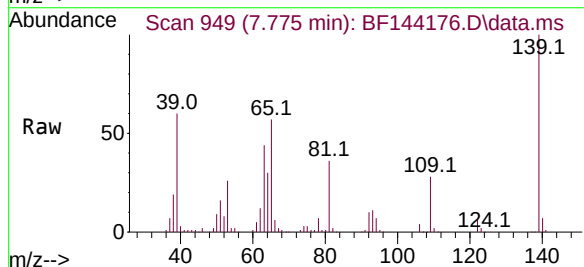
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

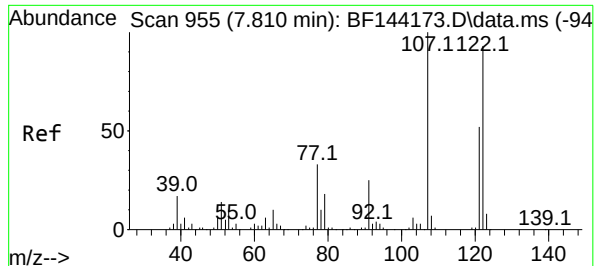
Tgt Ion: 82 Resp: 689837
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 80.050 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 139 Resp: 194869
Ion Ratio Lower Upper
139 100
109 27.9 22.2 33.2
65 56.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 78.826 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

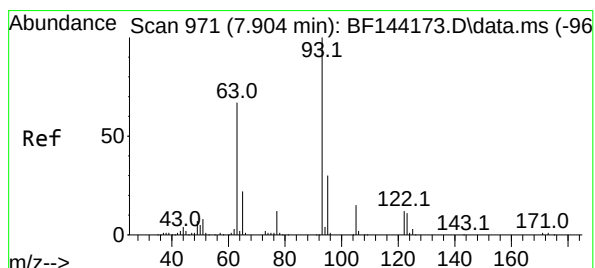
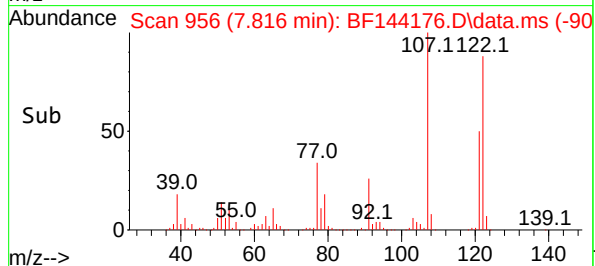
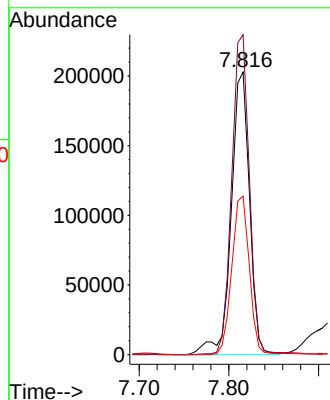
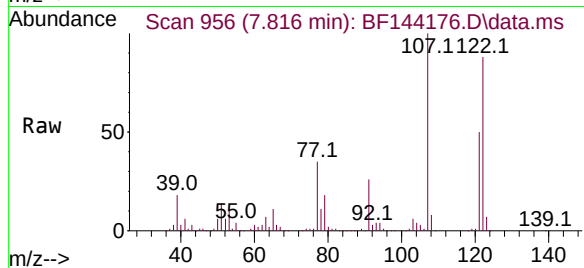
Tgt Ion:122 Resp: 287607

Ion Ratio Lower Upper

122 100

107 113.2 86.2 129.4

121 56.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 76.234 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

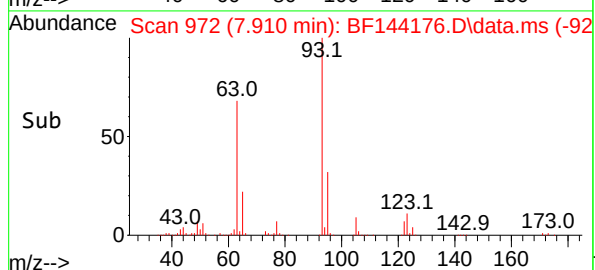
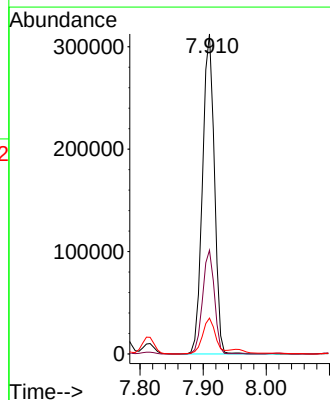
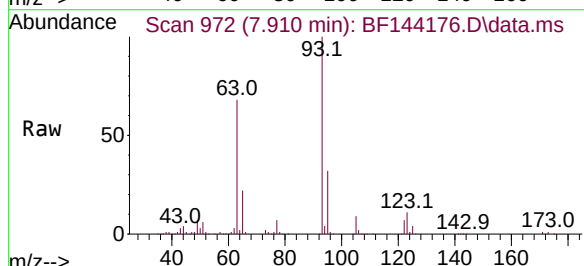
Tgt Ion: 93 Resp: 407835

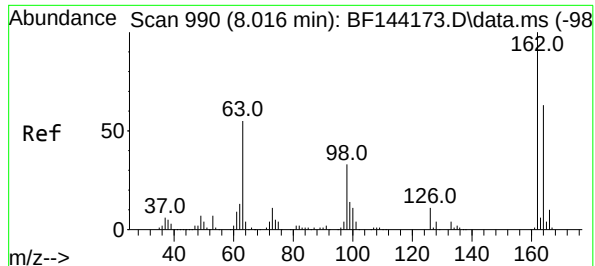
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 74.016 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

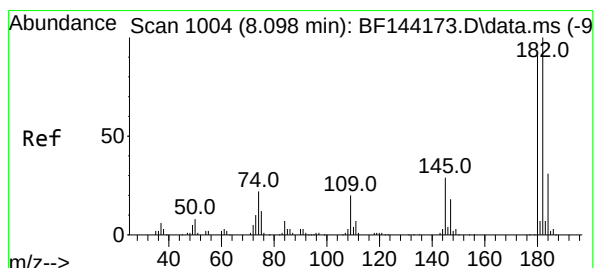
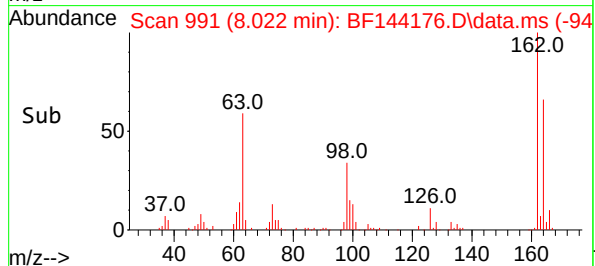
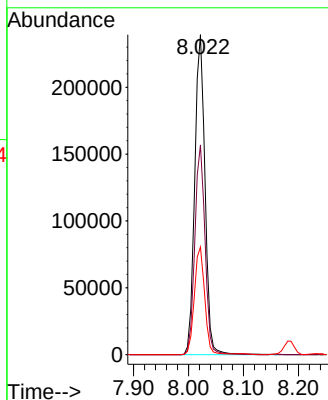
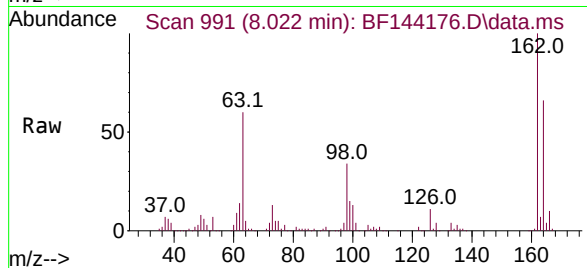
Tgt Ion:162 Resp: 311260

Ion Ratio Lower Upper

162 100

164 65.5 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 75.604 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

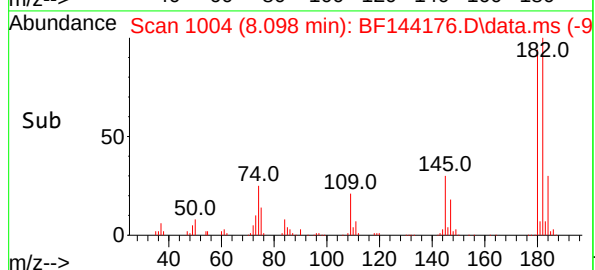
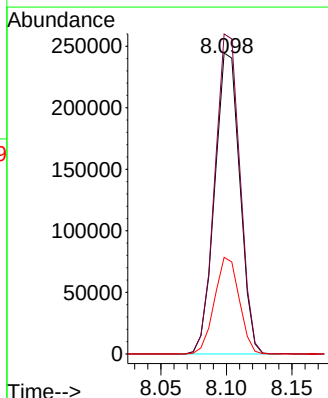
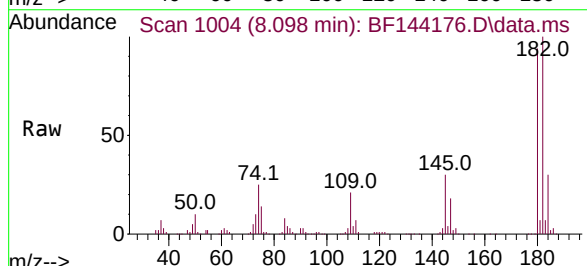
Tgt Ion:180 Resp: 326475

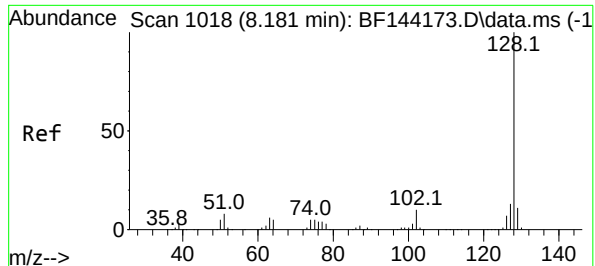
Ion Ratio Lower Upper

180 100

182 106.3 87.7 131.5

145 32.1 25.4 38.0

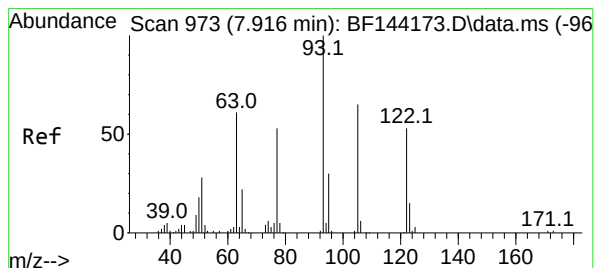
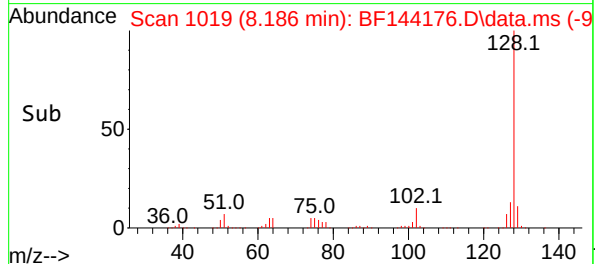
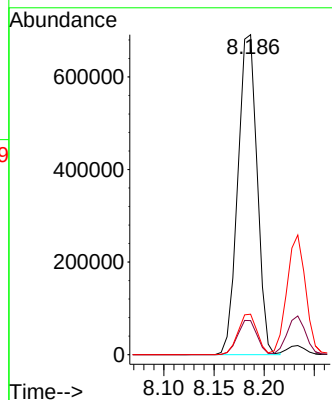
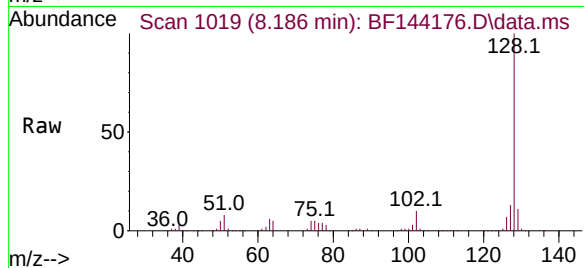




#31
Naphthalene
Concen: 73.994 ng
RT: 8.186 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

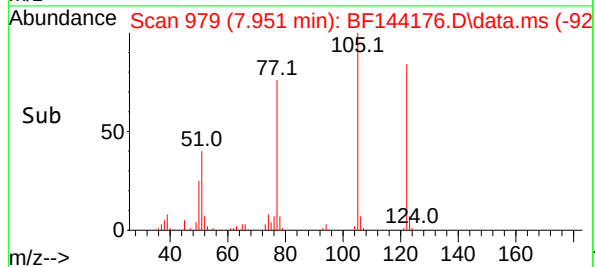
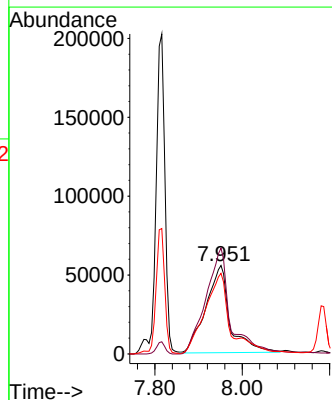
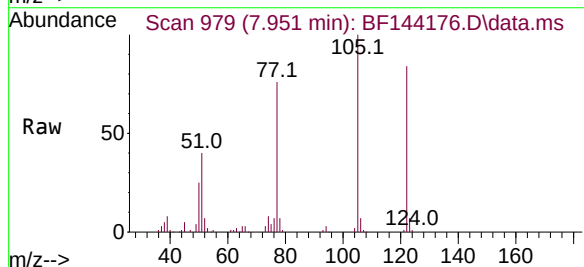
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

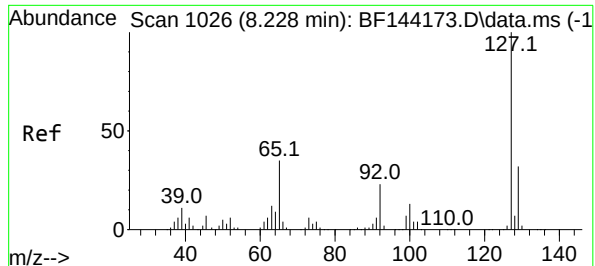
Tgt Ion:128 Resp: 920731
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 79.777 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:122 Resp: 213364
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 91.1 77.5 117.5

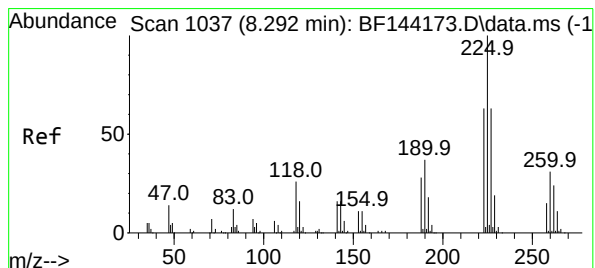
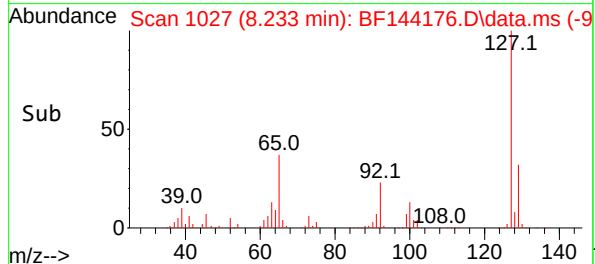
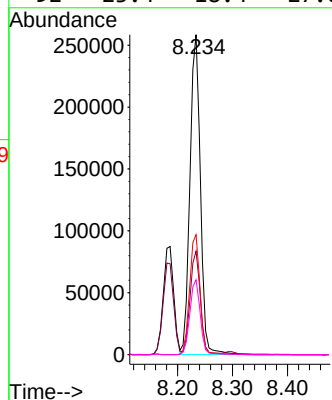
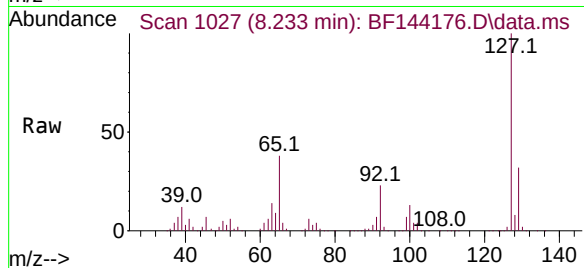




#33
4-Chloroaniline
Concen: 75.146 ng
RT: 8.233 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

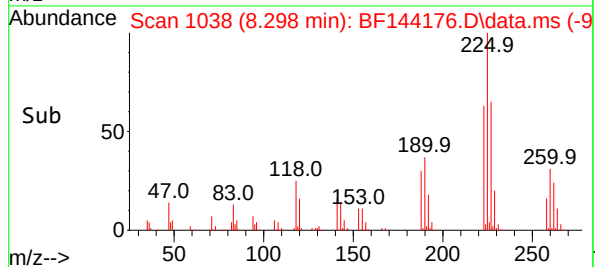
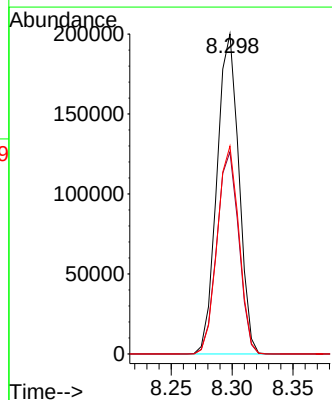
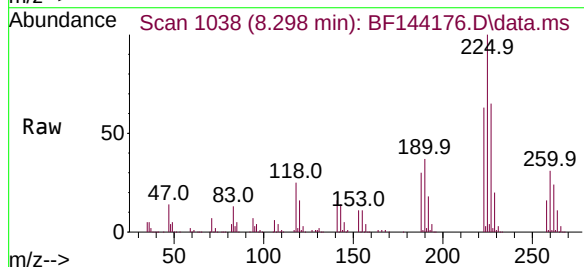
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

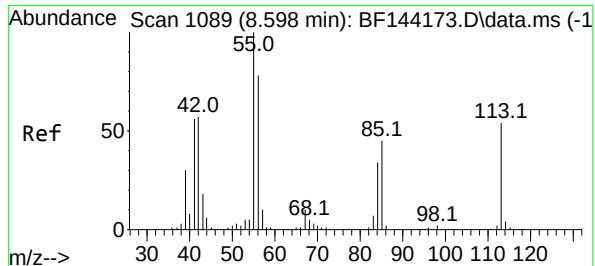
Tgt Ion:	127	Resp:	341033
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	37.5	27.6	41.4
92	23.4	18.4	27.6



#34
Hexachlorobutadiene
Concen: 76.645 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	225	Resp:	249435
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	64.9	50.1	75.1





#35

Caprolactam

Concen: 79.765 ng

RT: 8.622 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

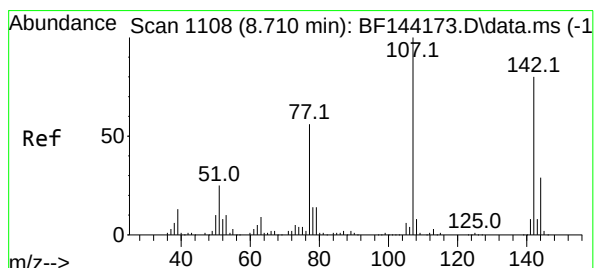
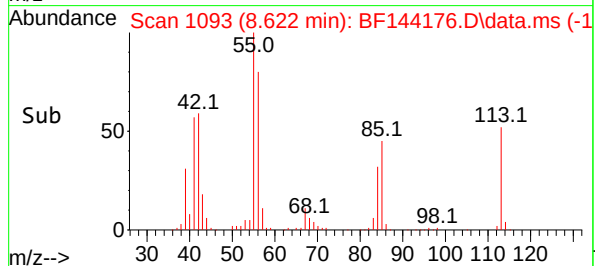
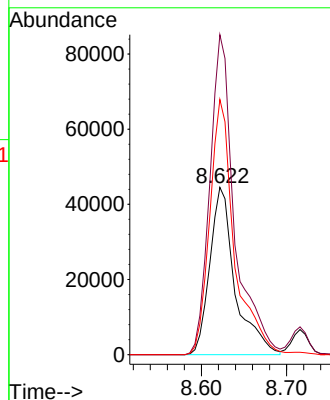
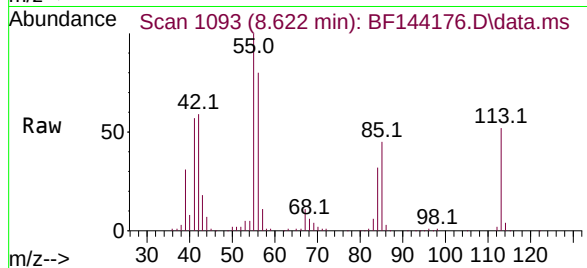
Tgt Ion:113 Resp: 91899

Ion Ratio Lower Upper

113 100

55 191.2 166.8 206.8

56 152.5 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 76.969 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

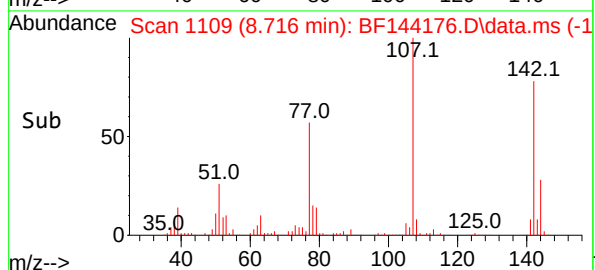
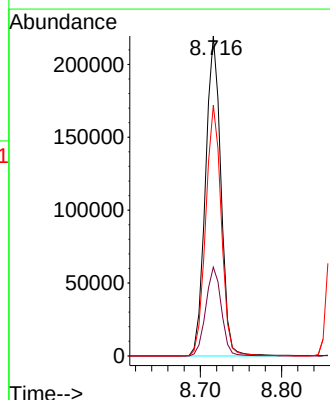
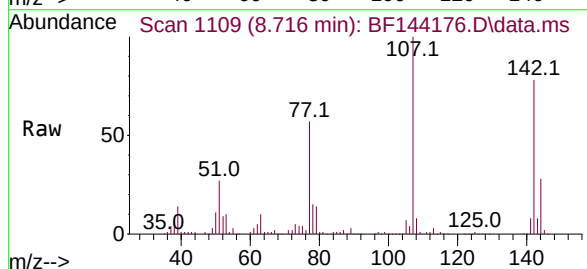
Tgt Ion:107 Resp: 290083

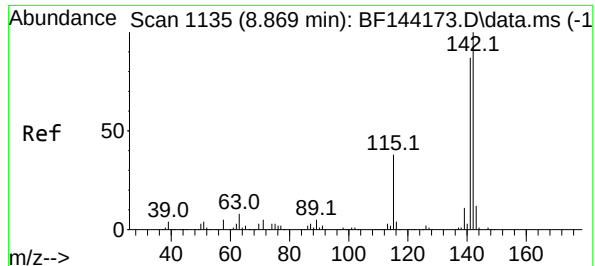
Ion Ratio Lower Upper

107 100

144 27.7 23.3 34.9

142 78.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 73.386 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

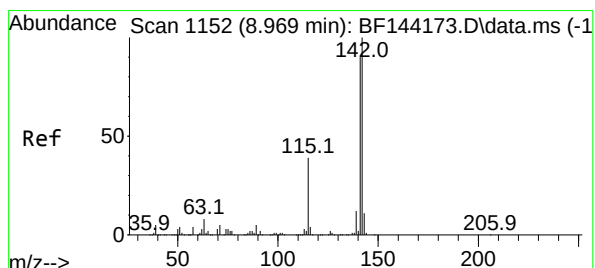
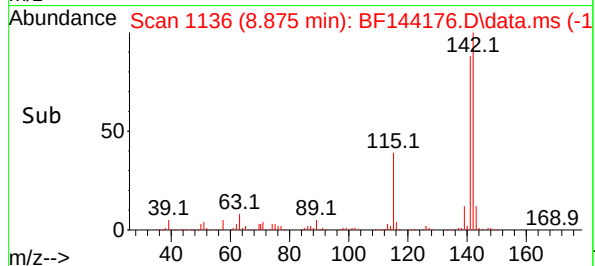
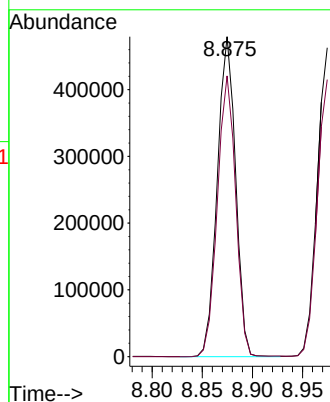
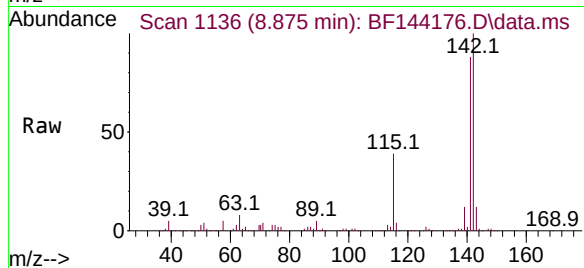
SSTDICC080

Tgt Ion:142 Resp: 610532

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 73.093 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144176.D

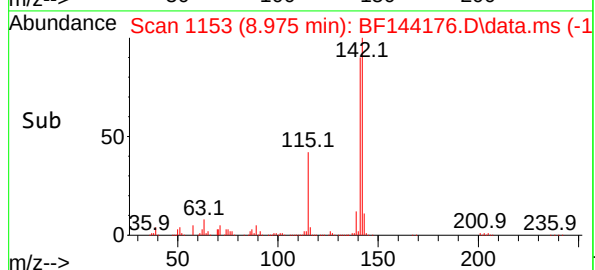
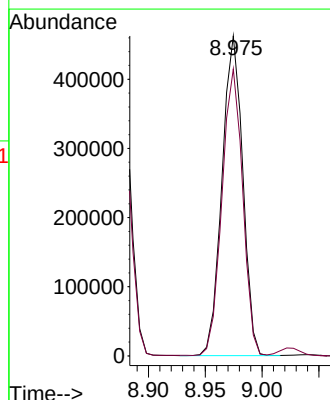
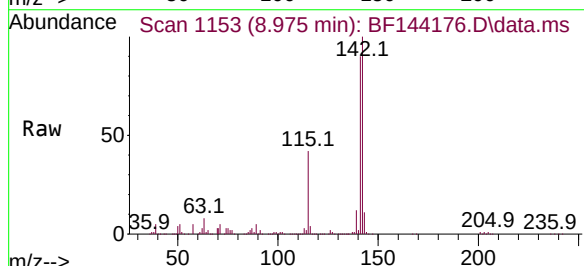
Acq: 05 Nov 2025 16:49

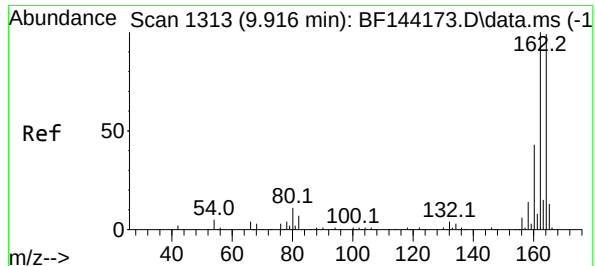
Tgt Ion:142 Resp: 586747

Ion Ratio Lower Upper

142 100

141 89.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

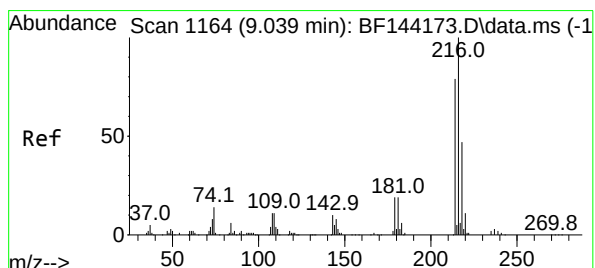
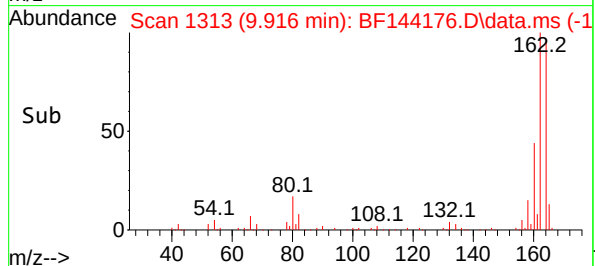
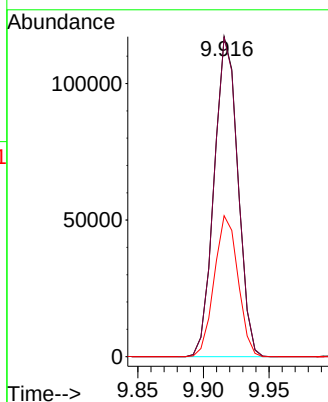
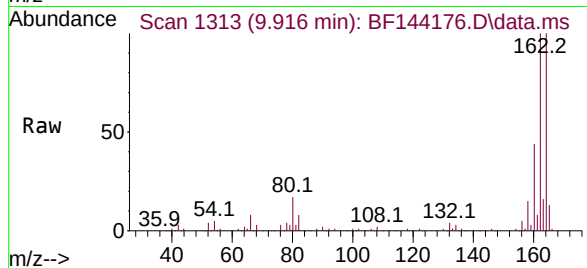
Tgt Ion:164 Resp: 147600

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.631 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:216 Resp: 361014

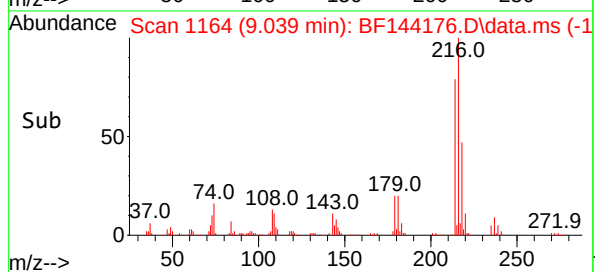
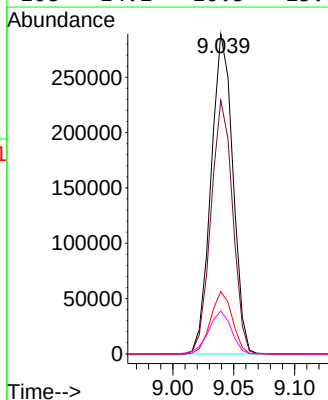
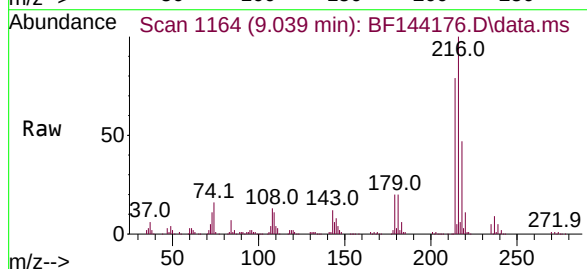
Ion Ratio Lower Upper

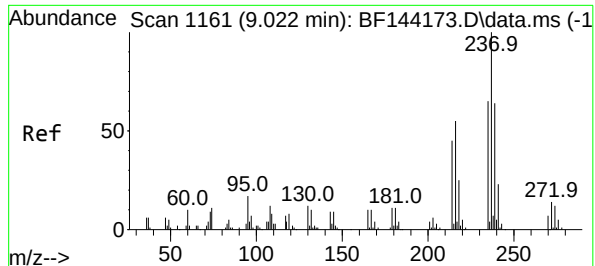
216 100

214 78.6 63.4 95.2

179 19.3 15.0 22.4

108 14.1 10.5 15.7

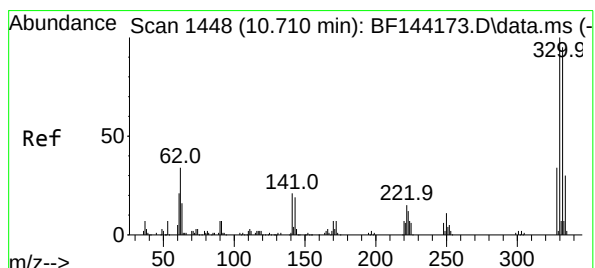
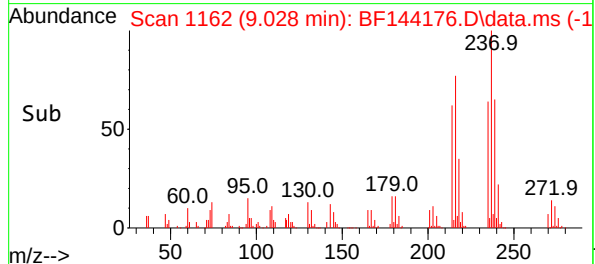
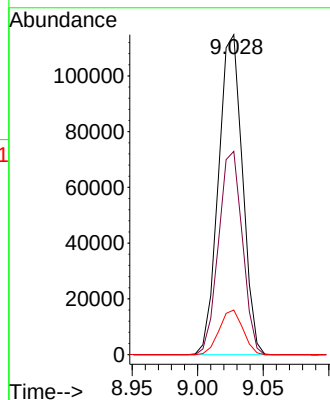
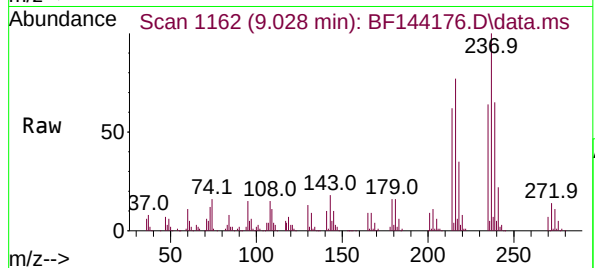




#41
Hexachlorocyclopentadiene
Concen: 78.238 ng
RT: 9.028 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

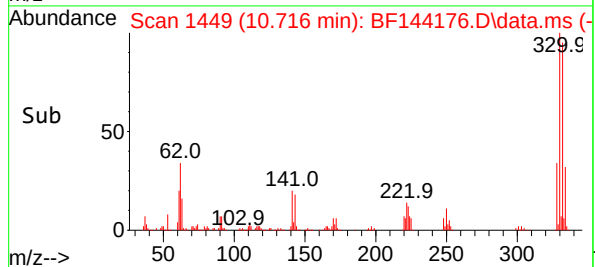
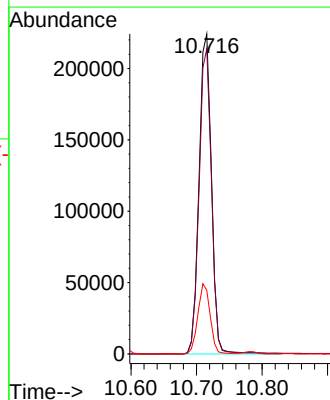
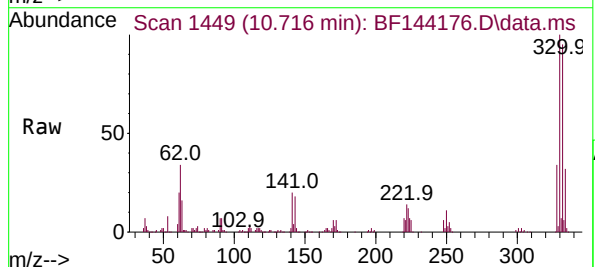
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

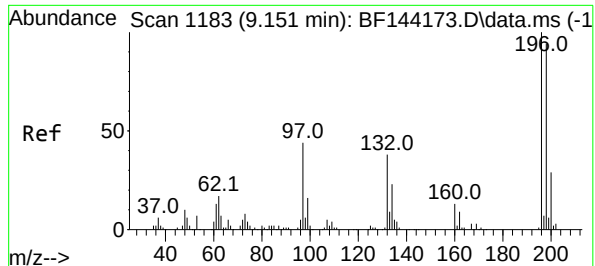
Tgt Ion:237 Resp: 146524
Ion Ratio Lower Upper
237 100
235 63.5 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 158.489 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:330 Resp: 293555
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 21.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 77.355 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144176.D

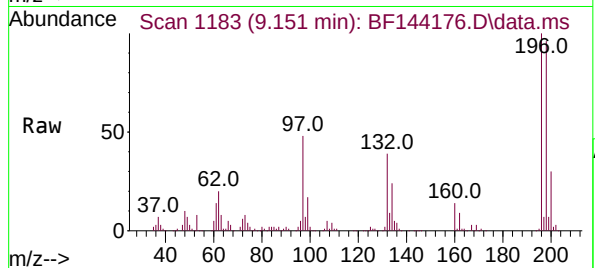
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



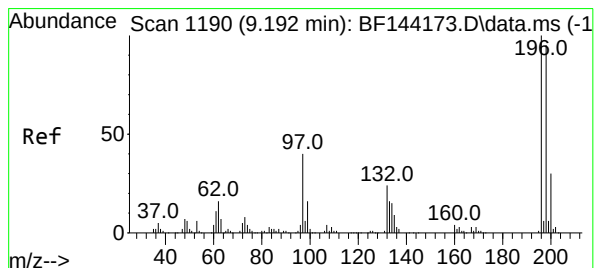
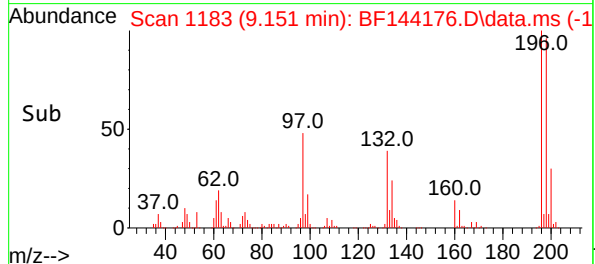
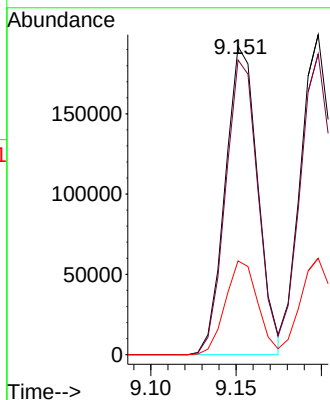
Tgt Ion:196 Resp: 254681

Ion Ratio Lower Upper

196 100

198 95.6 75.3 112.9

200 30.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 75.791 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 268940

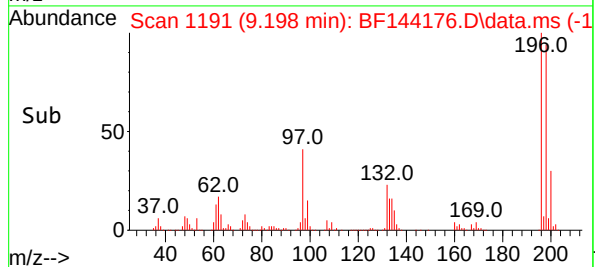
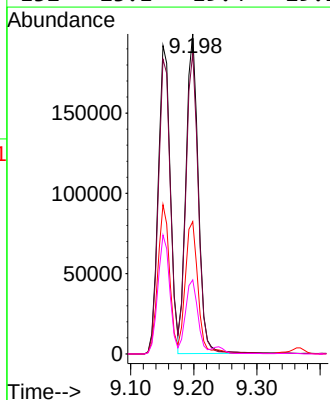
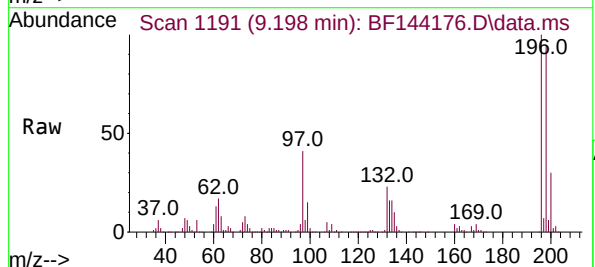
Ion Ratio Lower Upper

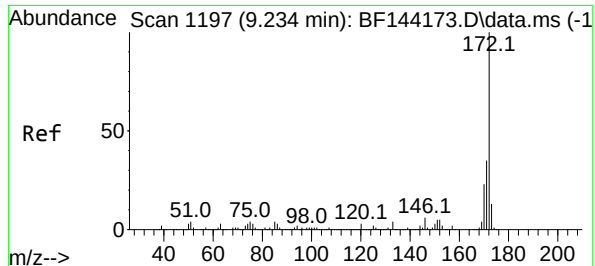
196 100

198 94.0 76.1 114.1

97 41.3 31.9 47.9

132 23.1 19.4 29.2

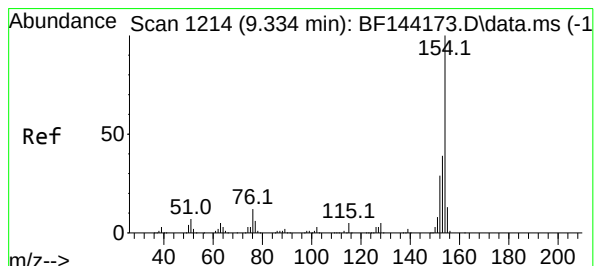
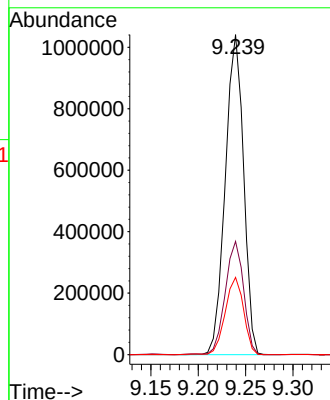
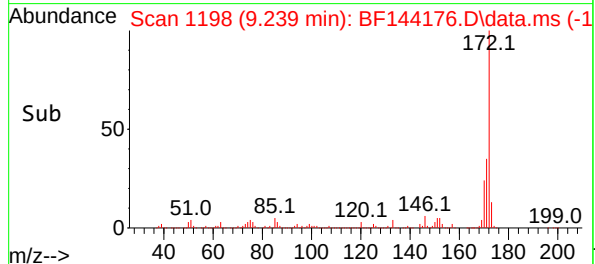
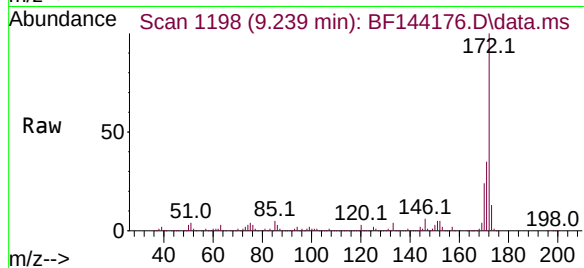




#45
2-Fluorobiphenyl
Concen: 139.809 ng
RT: 9.239 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

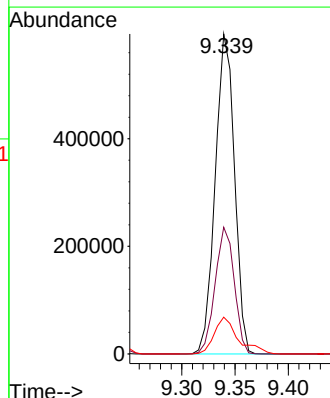
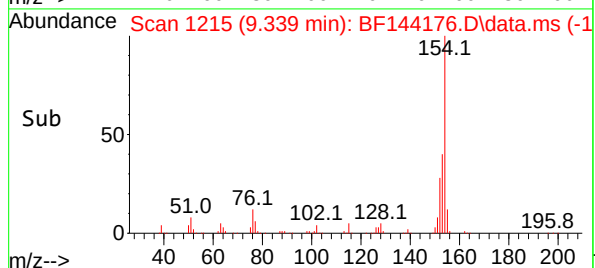
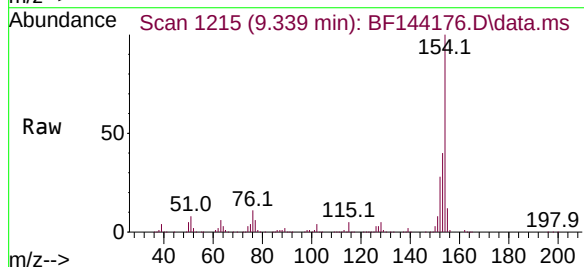
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

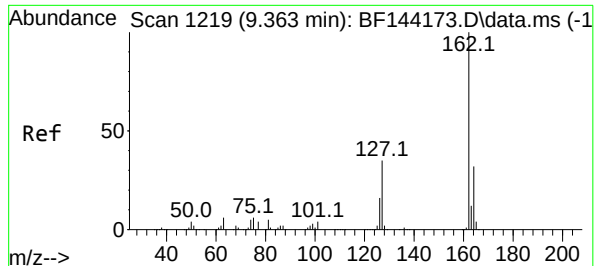
Tgt Ion:172 Resp: 1397211
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 72.784 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 749883
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 72.995 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

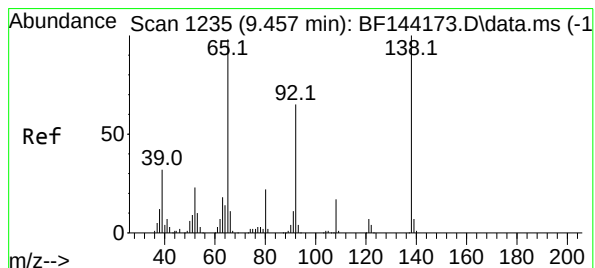
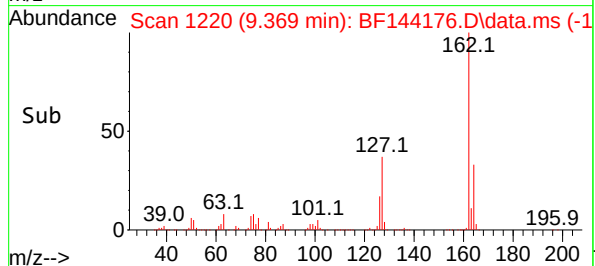
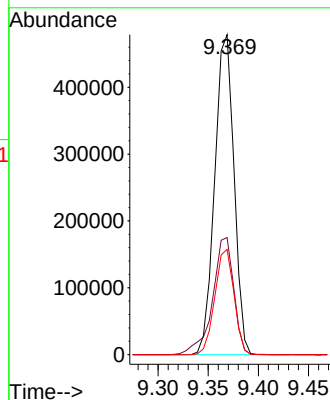
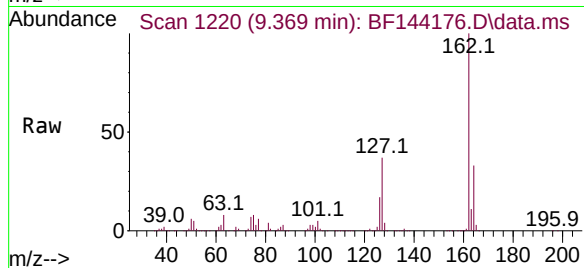
Tgt Ion:162 Resp: 641521

Ion Ratio Lower Upper

162 100

127 36.6 28.8 43.2

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 80.348 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

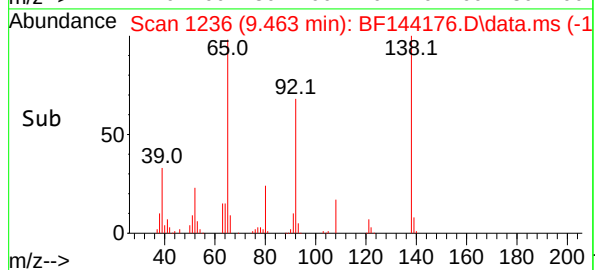
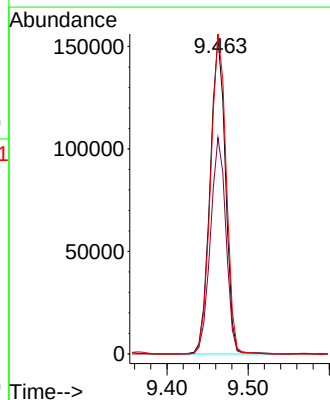
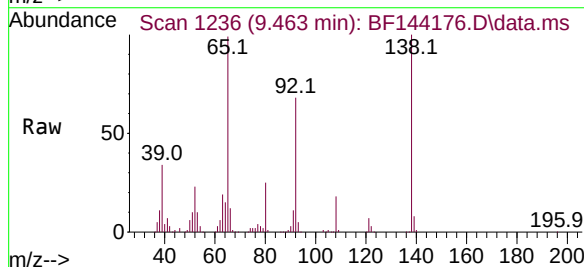
Tgt Ion: 65 Resp: 203746

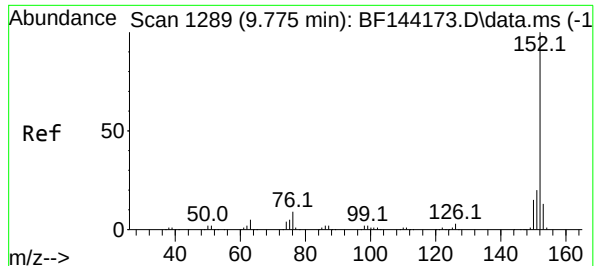
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 101.1 81.6 122.4





#49

Acenaphthylene

Concen: 74.264 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

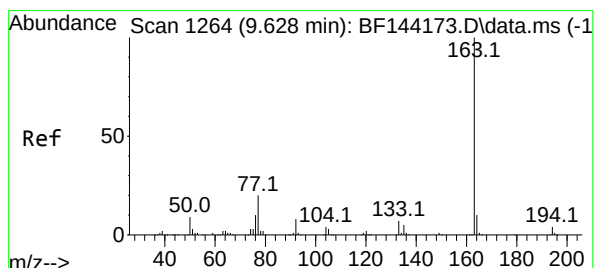
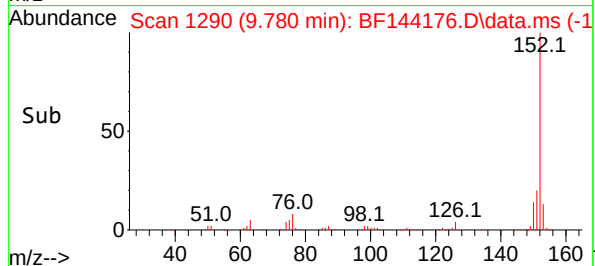
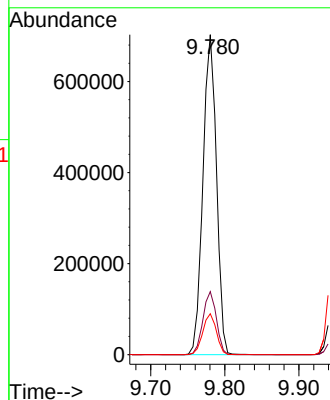
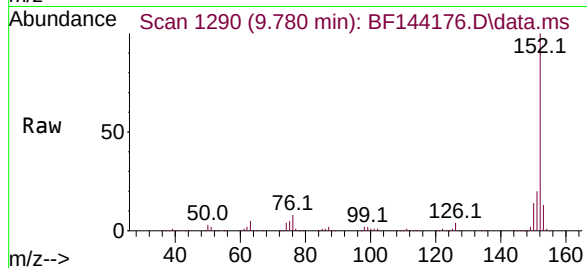
Tgt Ion:152 Resp: 889410

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 75.318 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

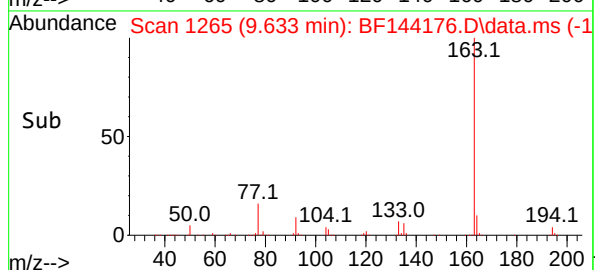
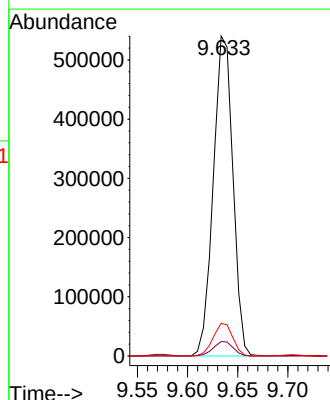
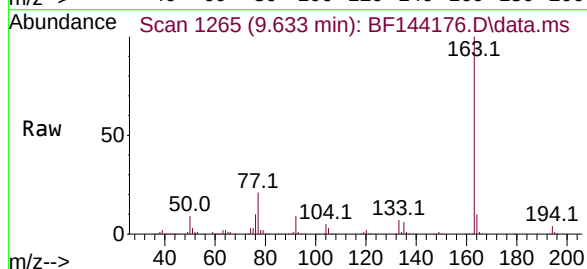
Tgt Ion:163 Resp: 736477

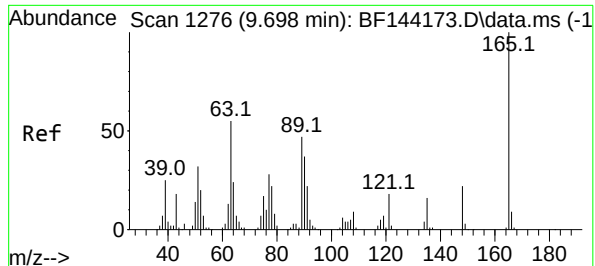
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 79.250 ng

RT: 9.704 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

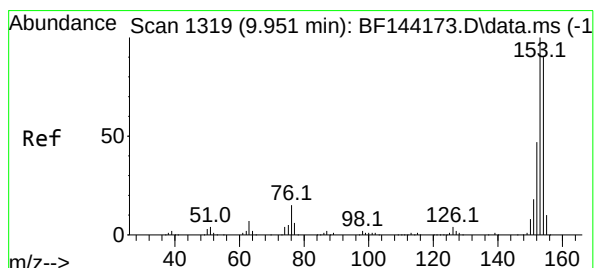
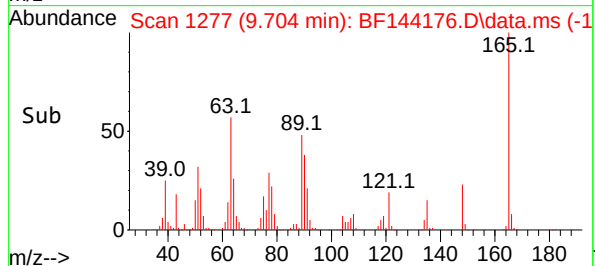
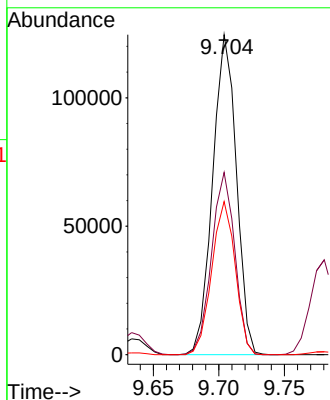
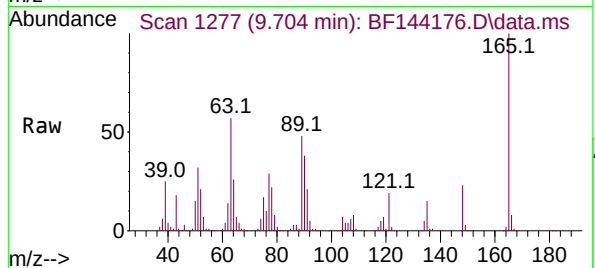
Tgt Ion:165 Resp: 156870

Ion Ratio Lower Upper

165 100

63 56.9 43.8 65.8

89 47.8 37.5 56.3



#52

Acenaphthene

Concen: 74.243 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

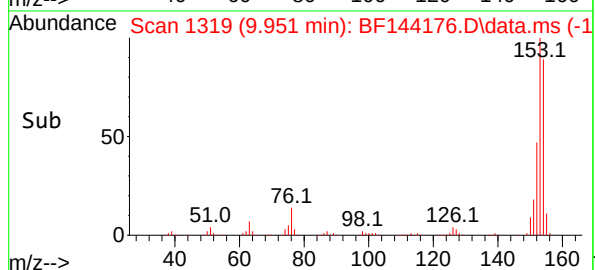
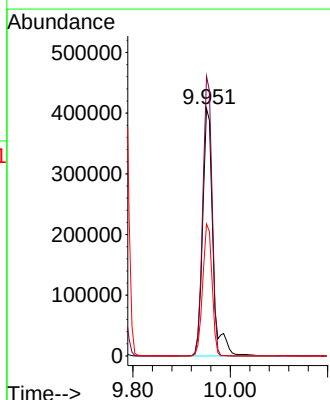
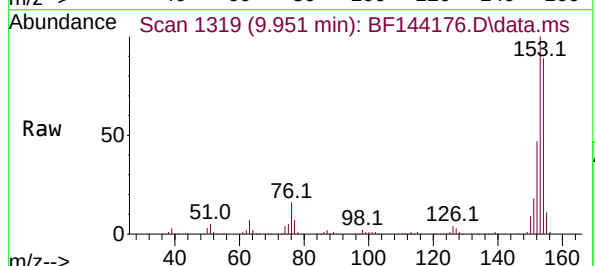
Tgt Ion:154 Resp: 594593

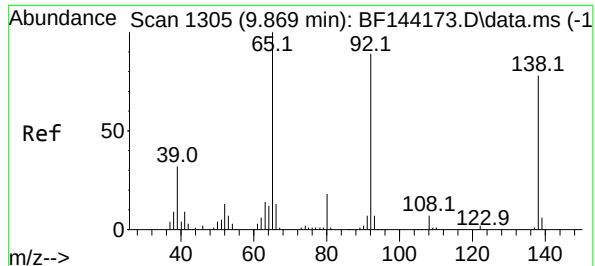
Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.4

152 53.3 42.2 63.4





#53

3-Nitroaniline

Concen: 77.230 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

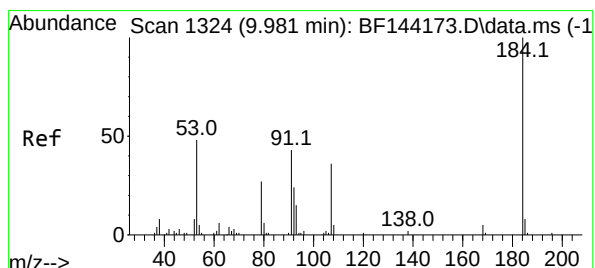
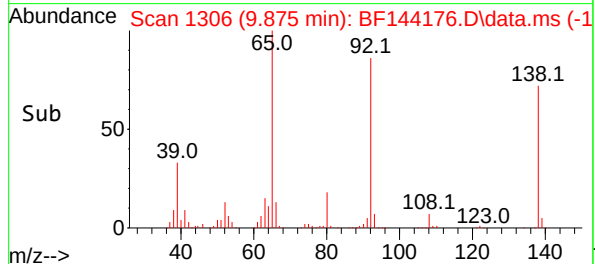
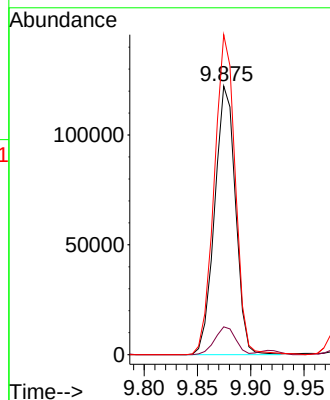
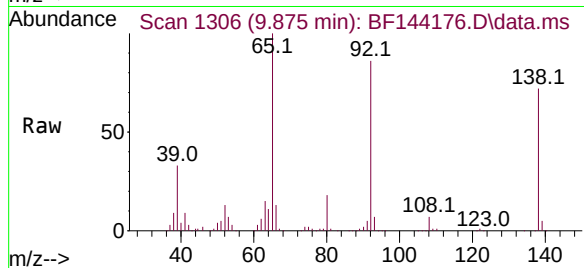
Tgt Ion:138 Resp: 167110

Ion Ratio Lower Upper

138 100

108 10.3 7.5 11.3

92 119.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 80.924 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

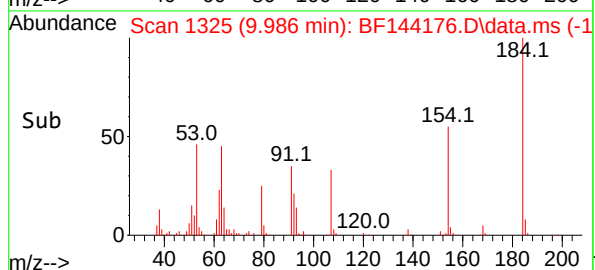
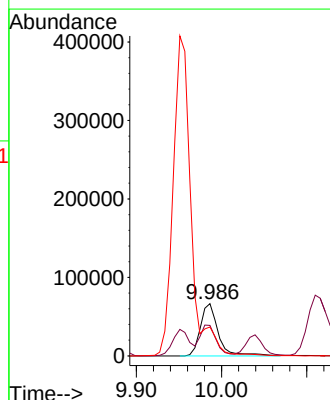
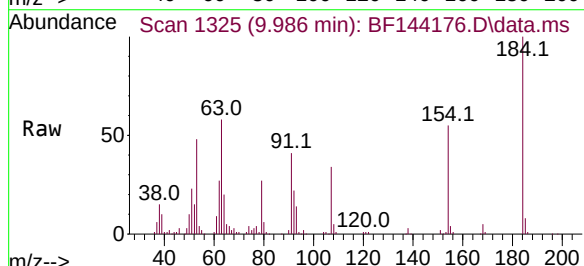
Tgt Ion:184 Resp: 96727

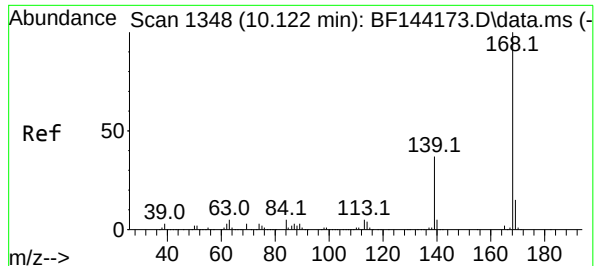
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 55.4 42.4 63.6





#55

Dibenzenofuran

Concen: 71.517 ng

RT: 10.128 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

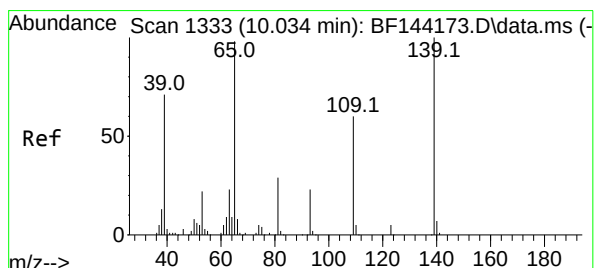
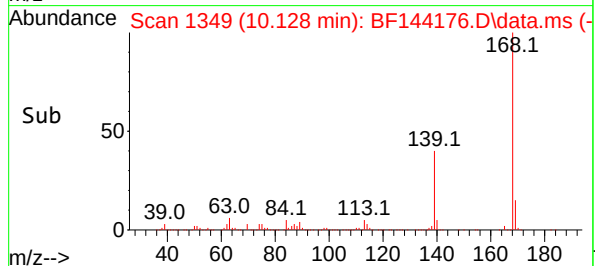
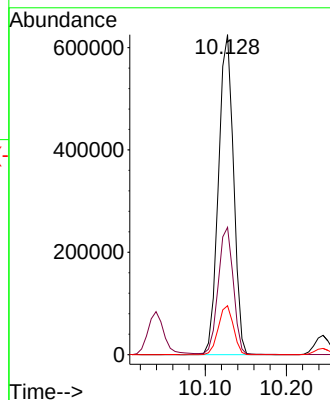
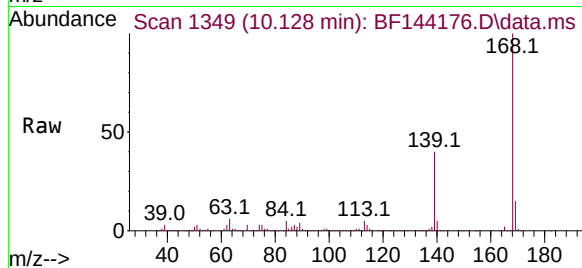
Tgt Ion:168 Resp: 802174

Ion Ratio Lower Upper

168 100

139 39.8 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 74.782 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

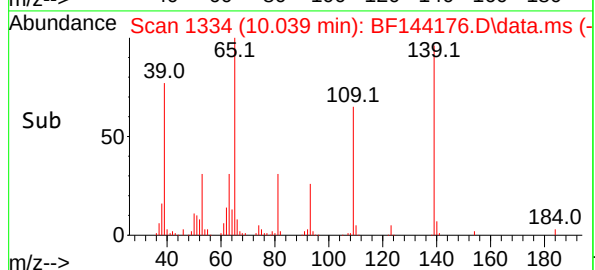
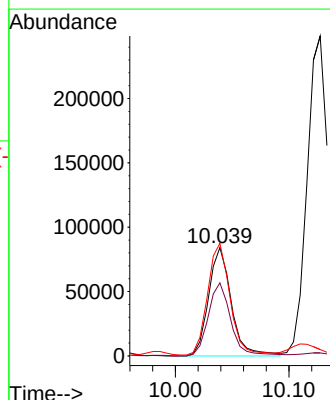
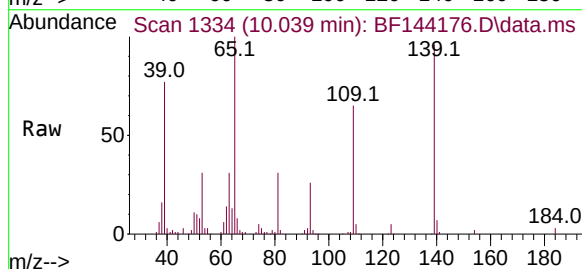
Tgt Ion:139 Resp: 117050

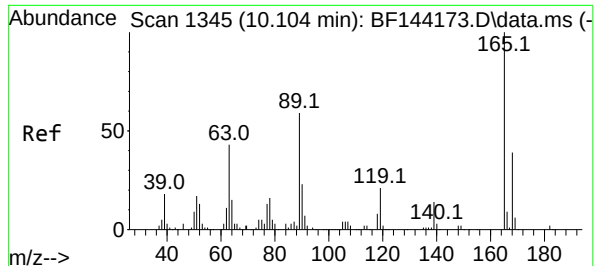
Ion Ratio Lower Upper

139 100

109 67.5 39.9 79.9

65 104.1 79.5 119.5

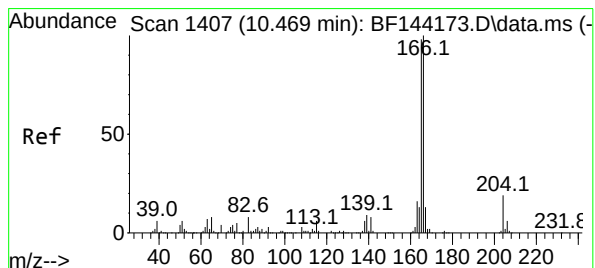
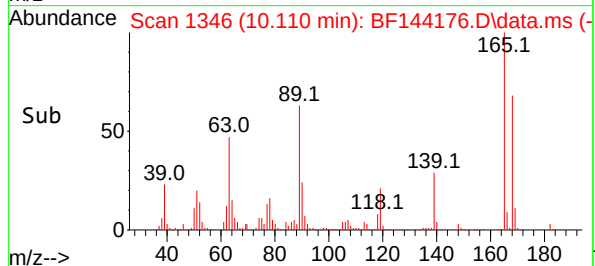
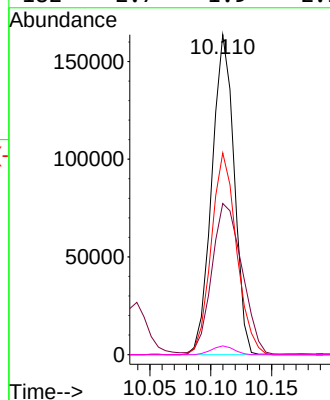
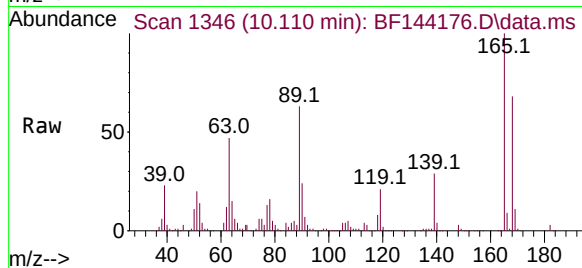




#57
2,4-Dinitrotoluene
Concen: 78.661 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

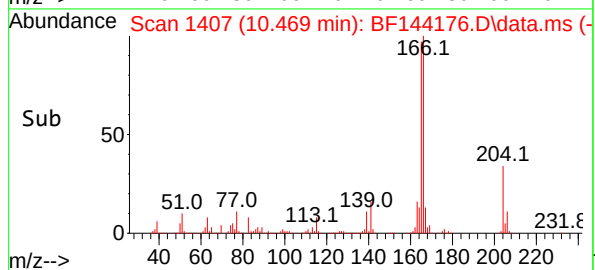
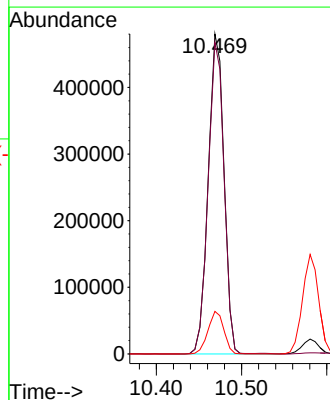
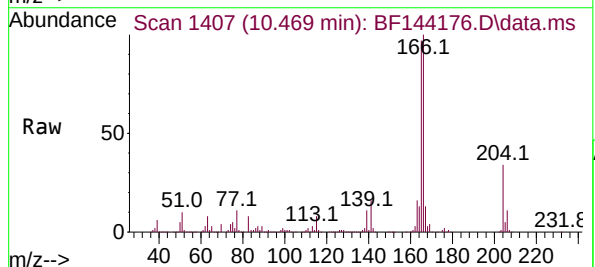
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

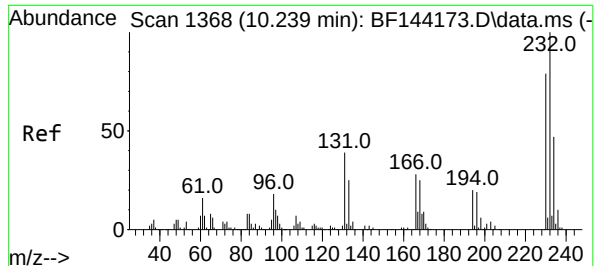
Tgt Ion:165 Resp: 208441
Ion Ratio Lower Upper
165 100
63 47.2 35.5 53.3
89 63.0 47.4 71.2
182 2.7 1.9 2.9



#58
Fluorene
Concen: 72.526 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:166 Resp: 618508
Ion Ratio Lower Upper
166 100
165 97.3 78.6 118.0
167 13.3 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 81.067 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 203523

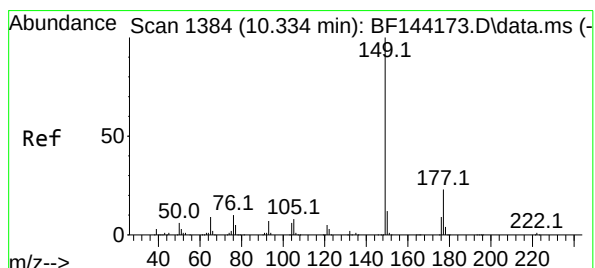
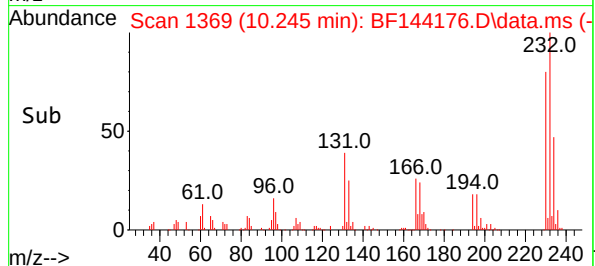
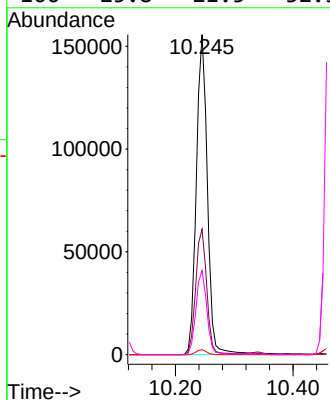
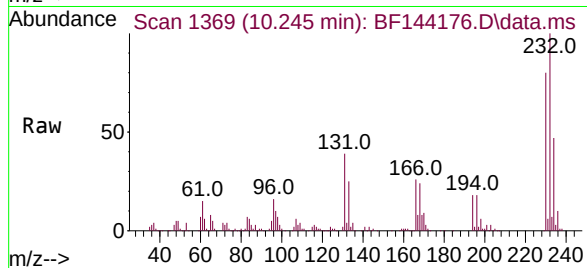
Ion Ratio Lower Upper

232 100

131 39.0 30.3 45.5

130 1.4 1.2 1.8

166 25.8 21.5 32.3



#60

Diethylphthalate

Concen: 76.182 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

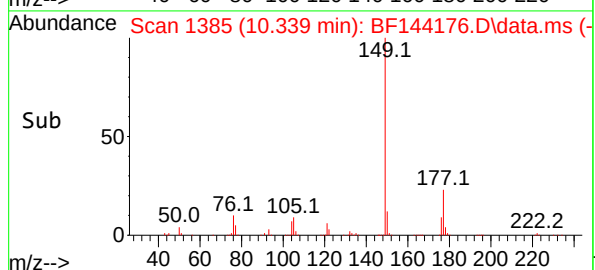
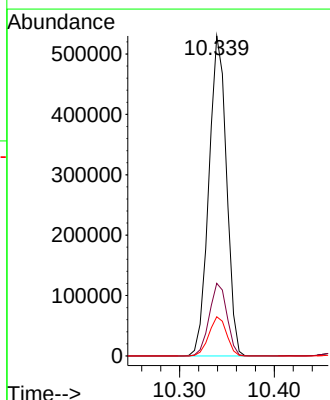
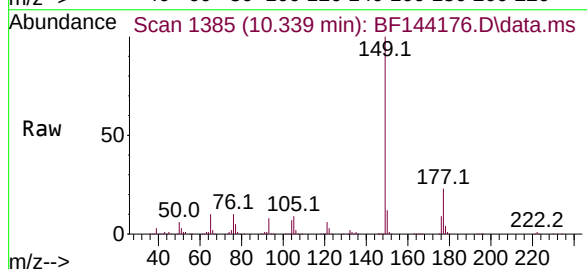
Tgt Ion:149 Resp: 686705

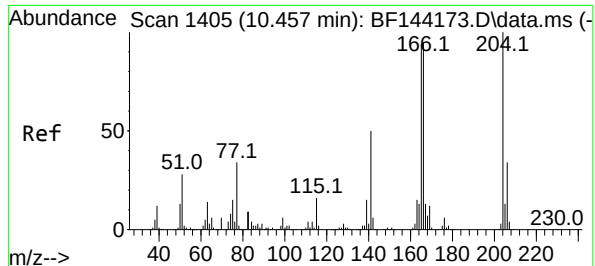
Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

150 12.2 9.8 14.6

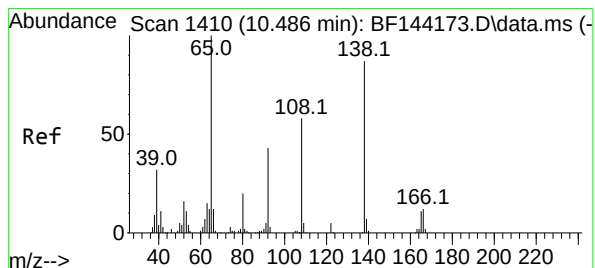
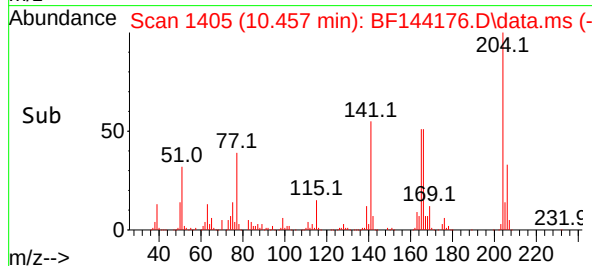
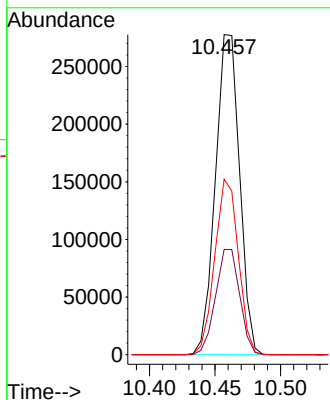
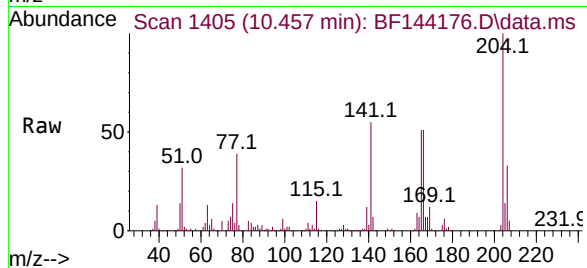




#61
4-Chlorophenyl-phenylether
Concen: 73.492 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

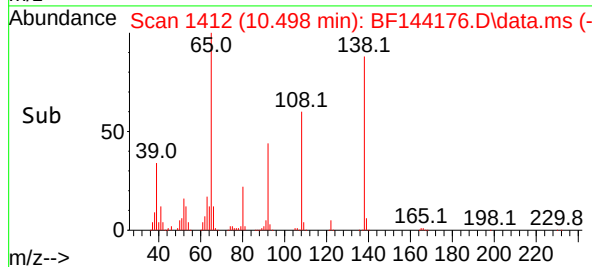
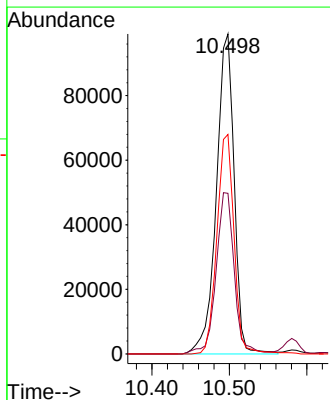
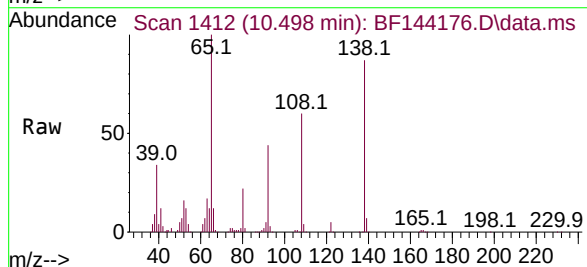
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

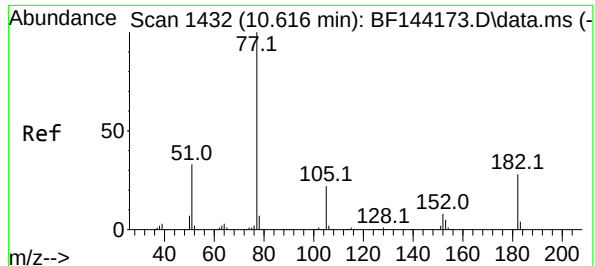
Tgt Ion:204 Resp: 357010
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 54.8 40.0 60.0



#62
4-Nitroaniline
Concen: 76.889 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 158441
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 68.6 46.4 86.4

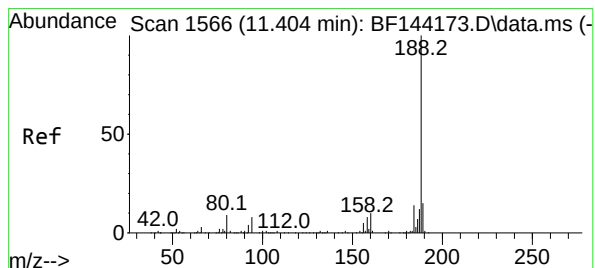
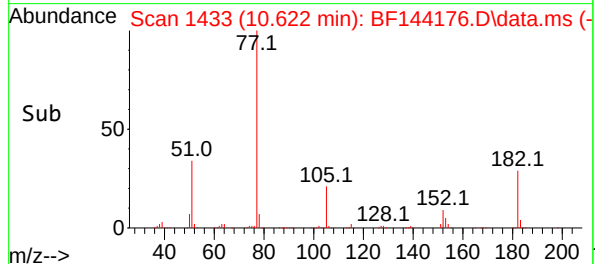
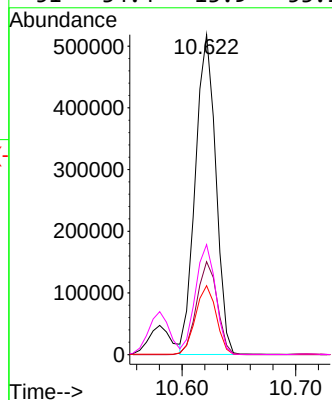
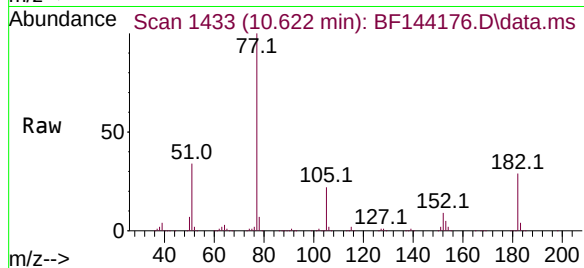




#63
Azobenzene
Concen: 77.117 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

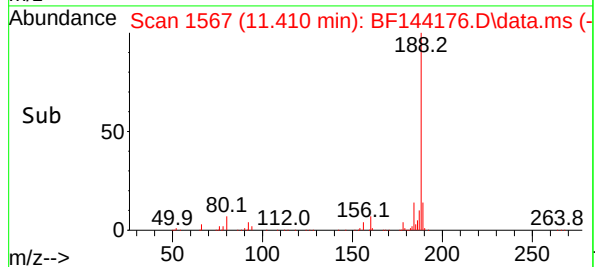
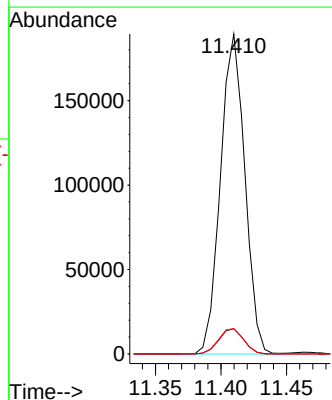
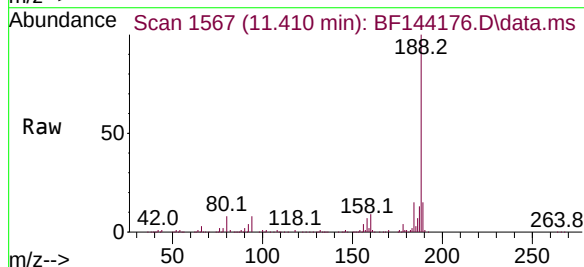
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

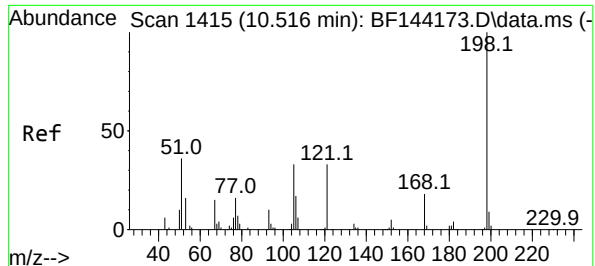
Tgt Ion: 77 Resp: 646943
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 21.6 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 188 Resp: 244733
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3

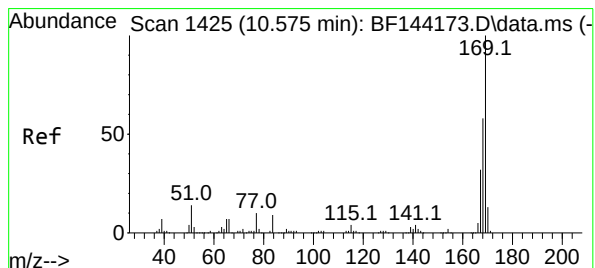
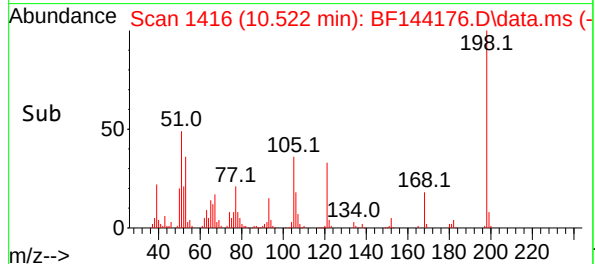
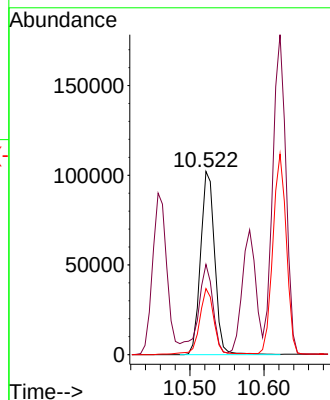
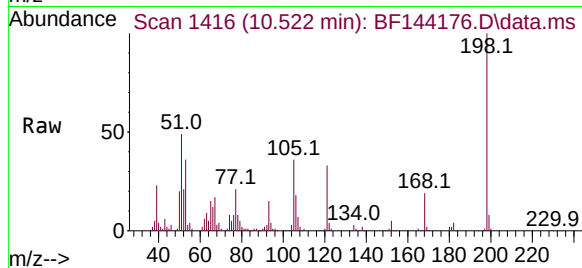




#65
4,6-Dinitro-2-methylphenol
Concen: 81.136 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

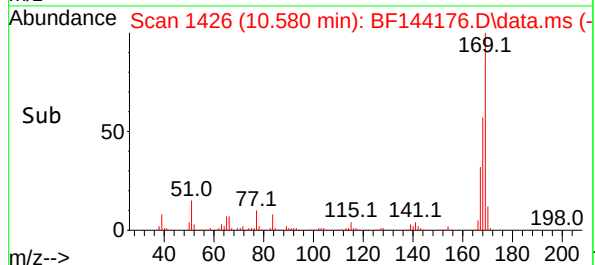
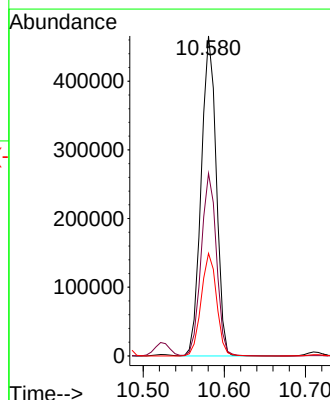
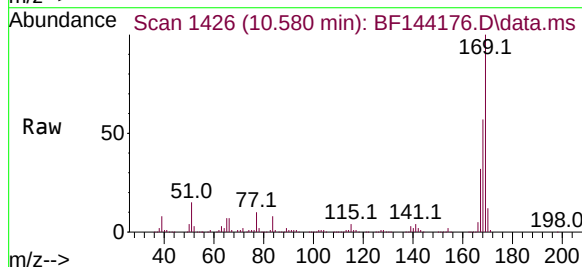
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

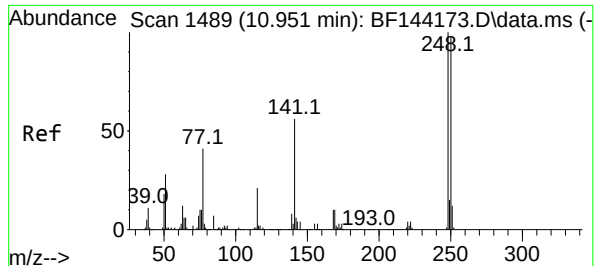
Tgt Ion:198 Resp: 134894
Ion Ratio Lower Upper
198 100
51 49.2 25.6 65.6
105 36.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 76.327 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:169 Resp: 600791
Ion Ratio Lower Upper
169 100
168 57.0 46.2 69.2
167 32.1 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 78.826 ng

RT: 10.951 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

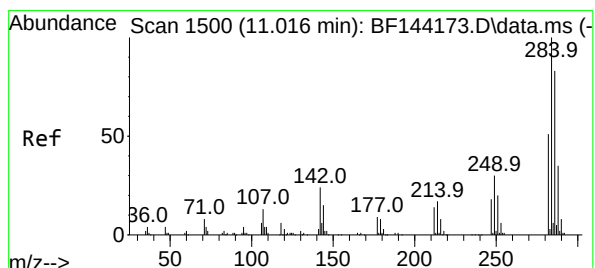
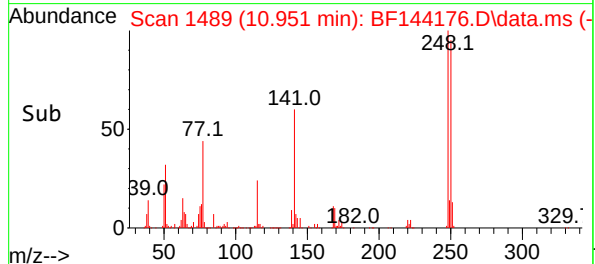
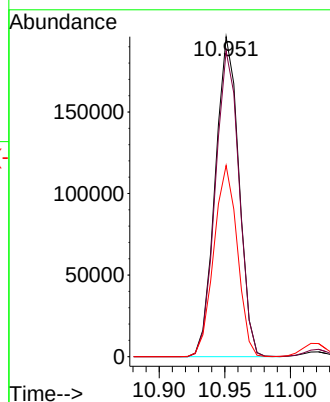
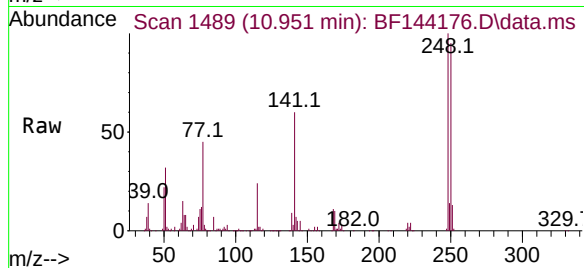
Tgt Ion:248 Resp: 246236

Ion Ratio Lower Upper

248 100

250 95.5 78.4 117.6

141 59.8 45.1 67.7



#68

Hexachlorobenzene

Concen: 78.769 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

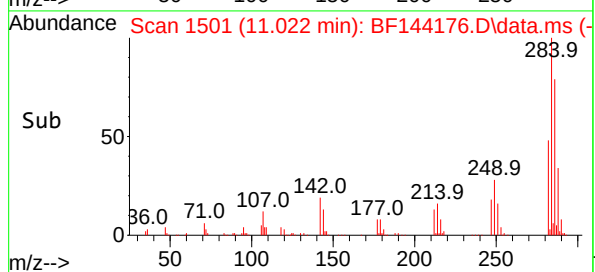
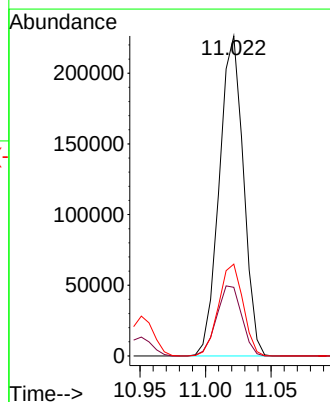
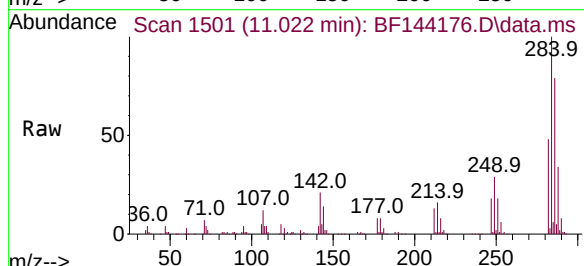
Tgt Ion:284 Resp: 289823

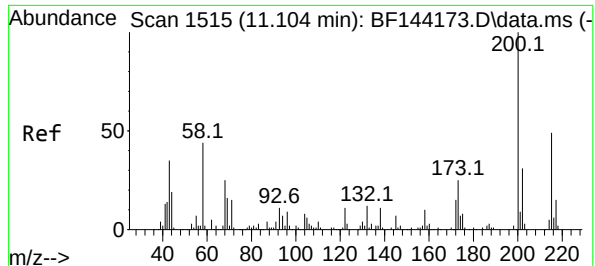
Ion Ratio Lower Upper

284 100

142 21.4 19.2 28.8

249 28.7 23.8 35.8





#69

Atrazine

Concen: 76.645 ng

RT: 11.110 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

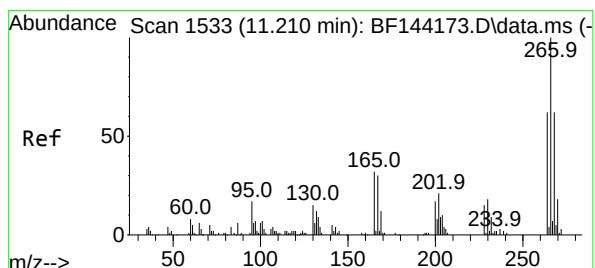
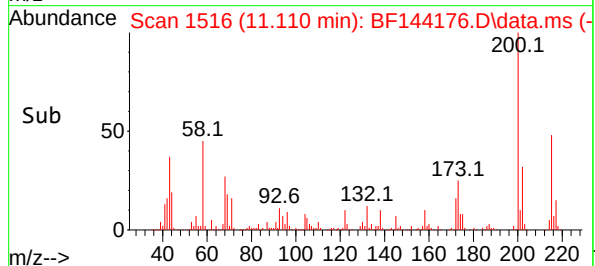
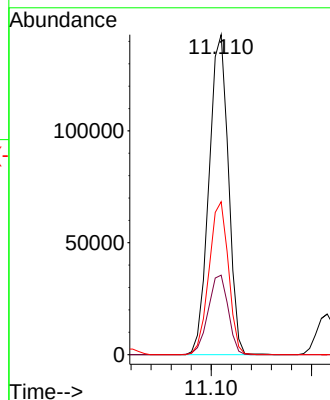
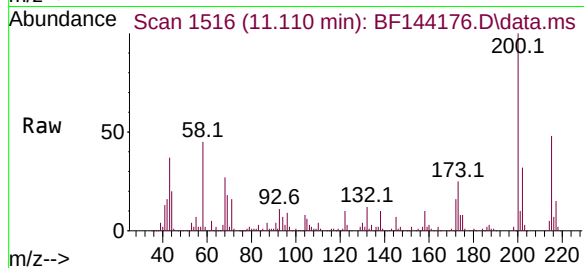
Tgt Ion:200 Resp: 191862

Ion Ratio Lower Upper

200 100

173 24.8 5.0 45.0

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 88.373 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

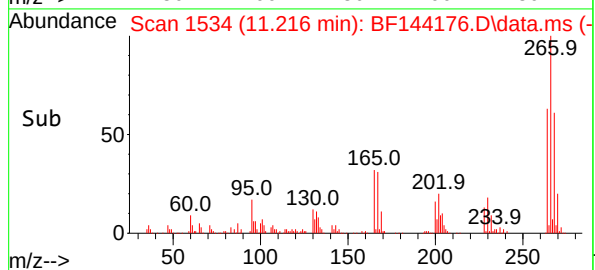
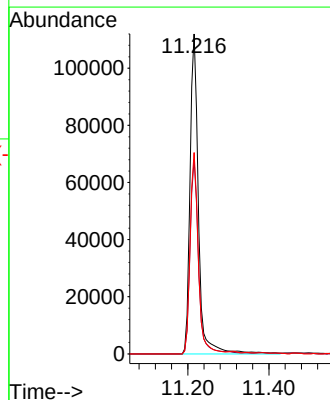
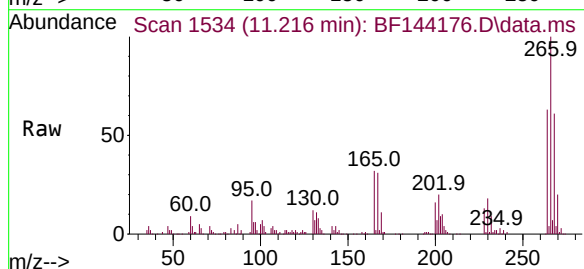
Tgt Ion:266 Resp: 161918

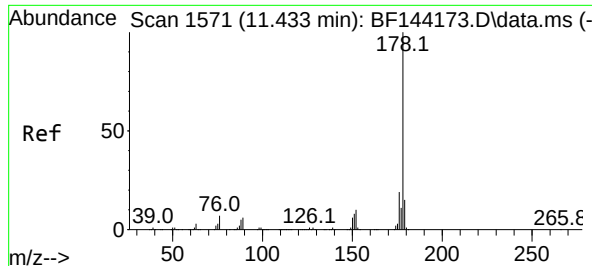
Ion Ratio Lower Upper

266 100

268 60.8 49.5 74.3

264 63.0 49.4 74.2

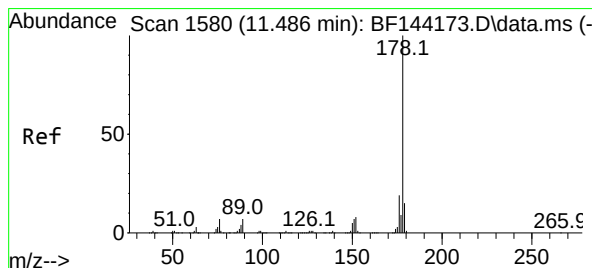
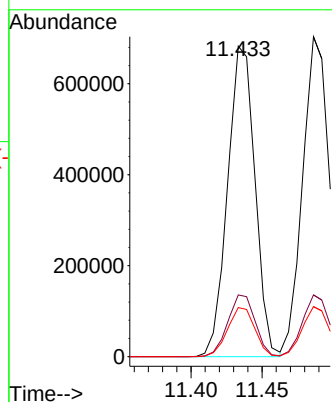
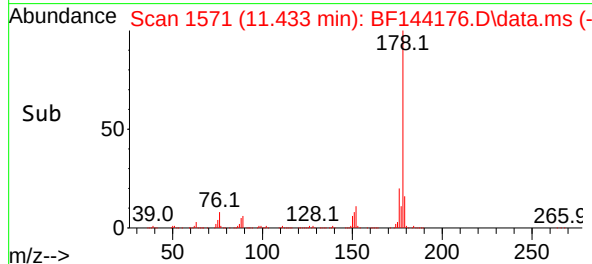
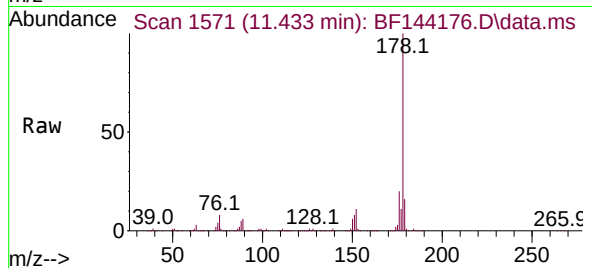




#71
Phenanthrene
Concen: 75.238 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

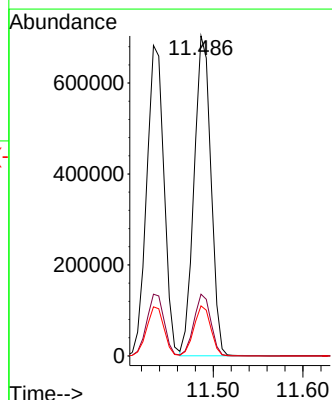
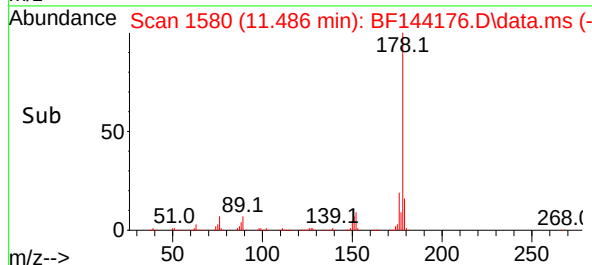
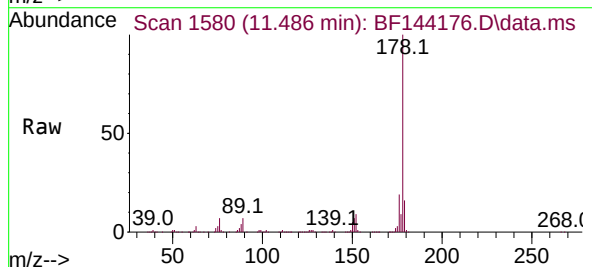
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

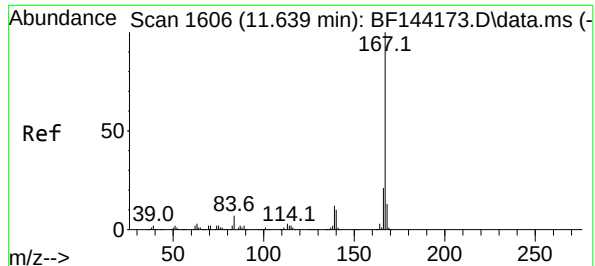
Tgt Ion:178 Resp: 916773
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4



#72
Anthracene
Concen: 73.934 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916037
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.0 18.0

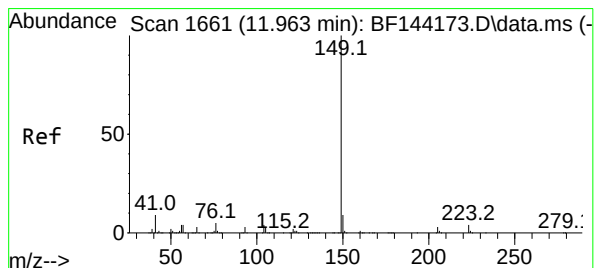
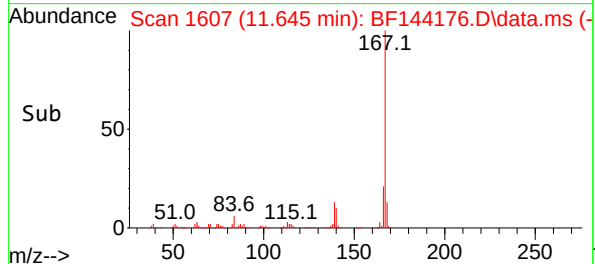
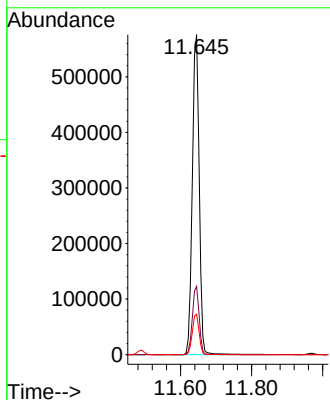
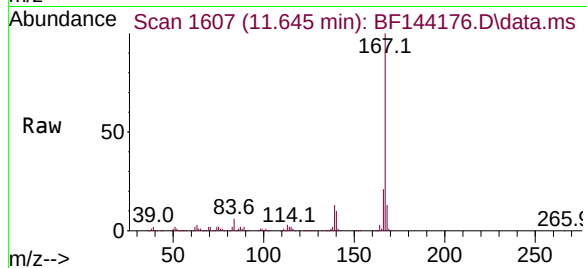




#73
Carbazole
Concen: 73.816 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

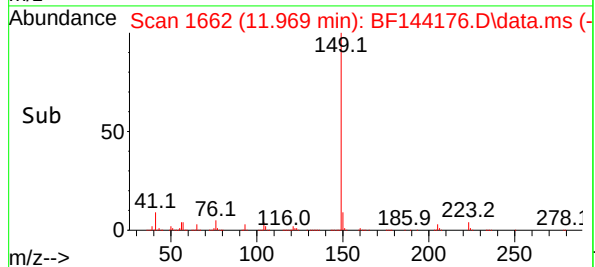
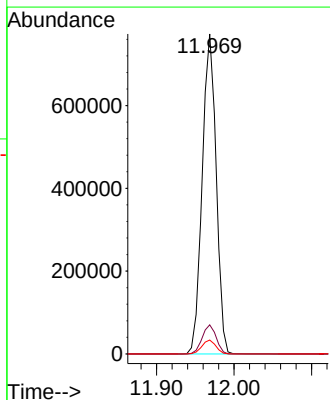
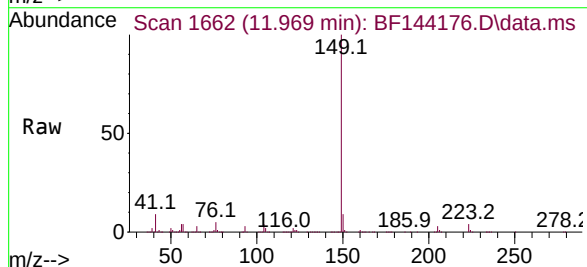
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

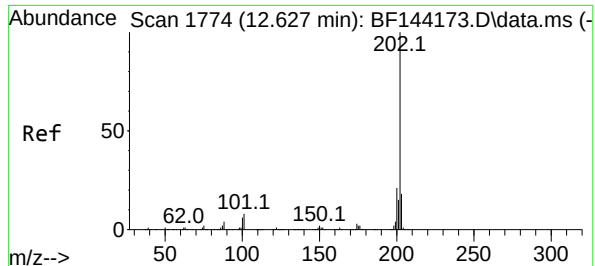
Tgt Ion:167 Resp: 777702
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 75.822 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 965695
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.3 3.4 5.2

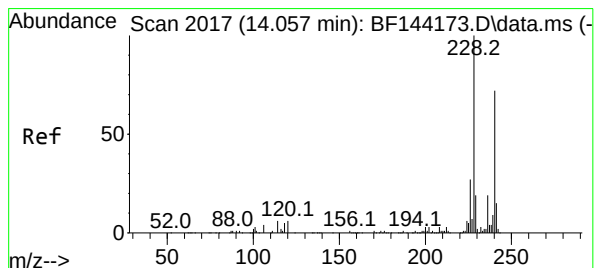
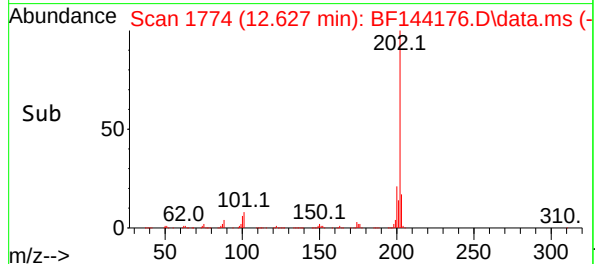
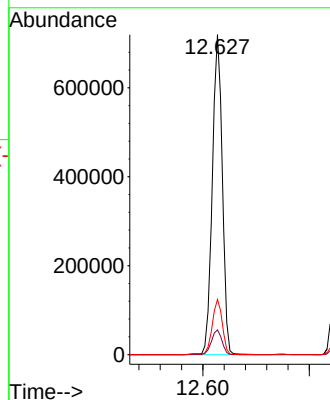
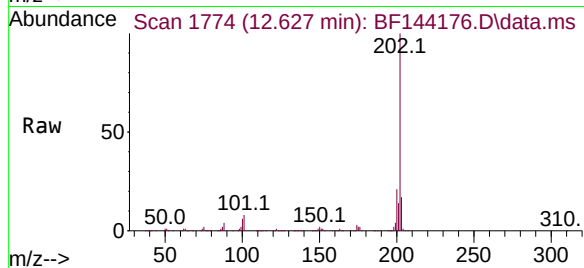




#75
Fluoranthene
Concen: 74.476 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

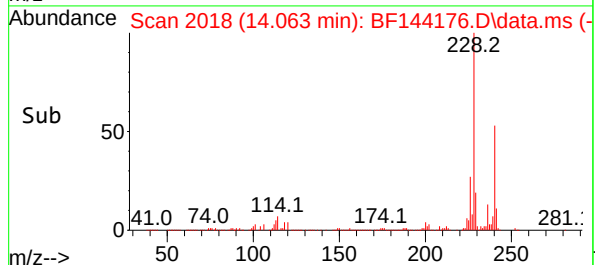
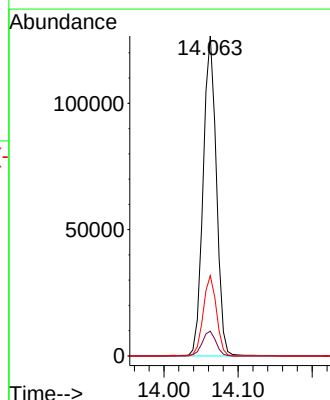
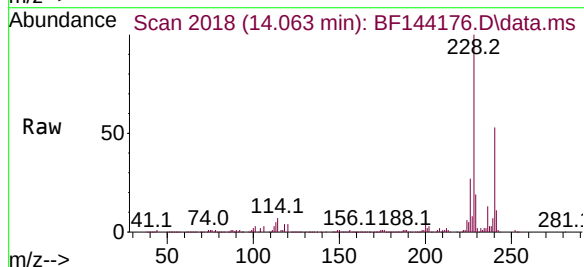
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

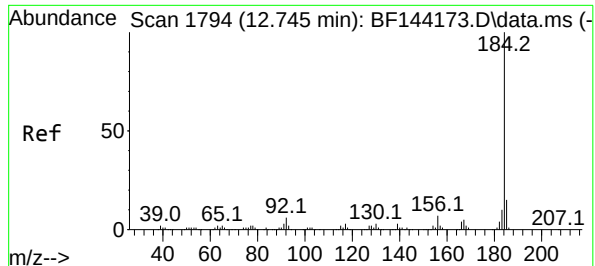
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.9
203	17.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.1	21.4	32.2

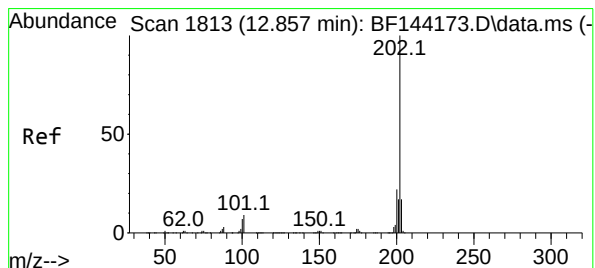
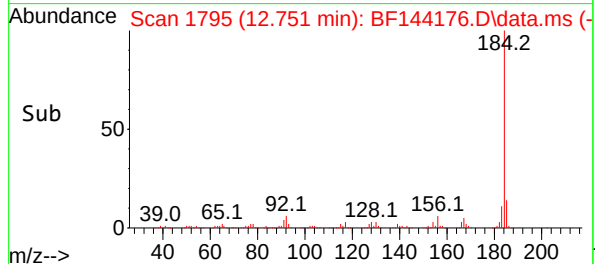
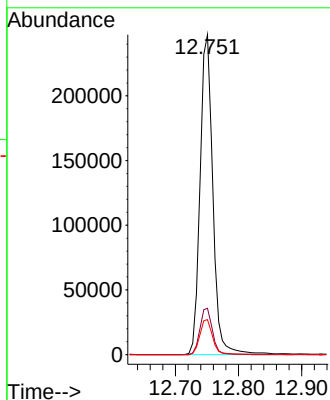
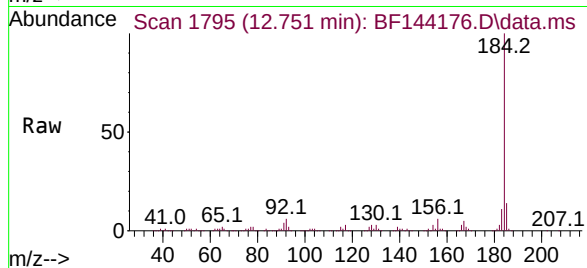




#77
Benzidine
Concen: 74.828 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

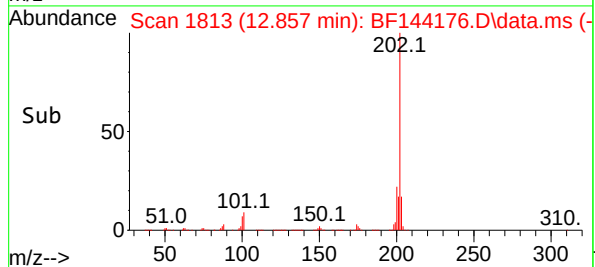
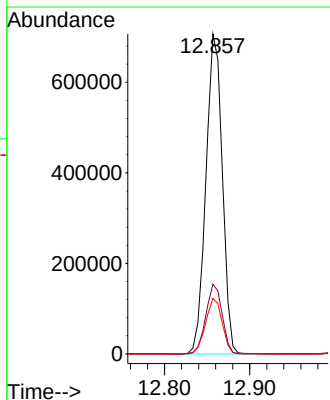
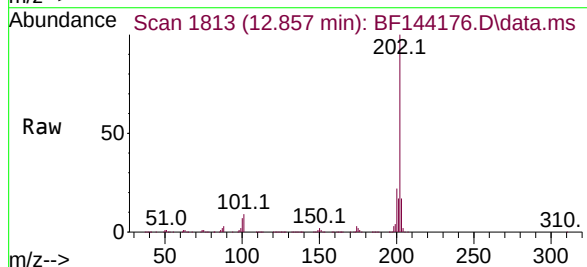
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

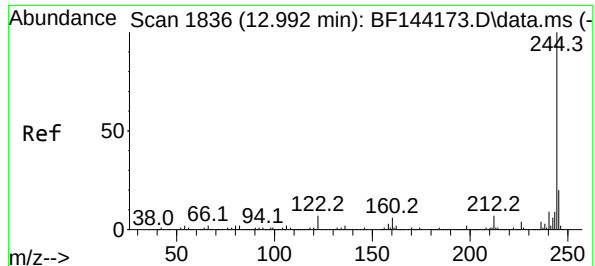
Tgt Ion:184 Resp: 347077
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.9 8.3 12.5



#78
Pyrene
Concen: 74.600 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:202 Resp: 943190
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 146.810 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

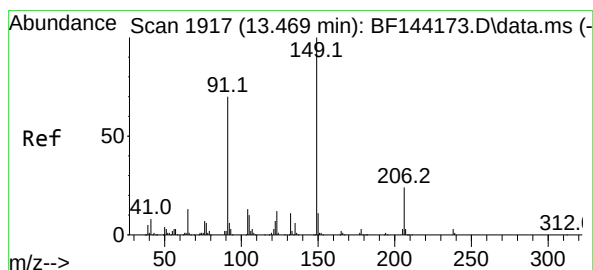
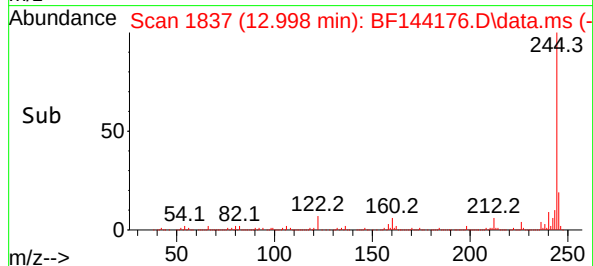
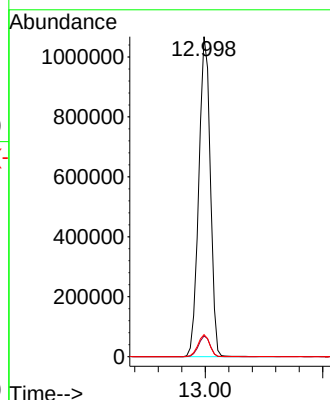
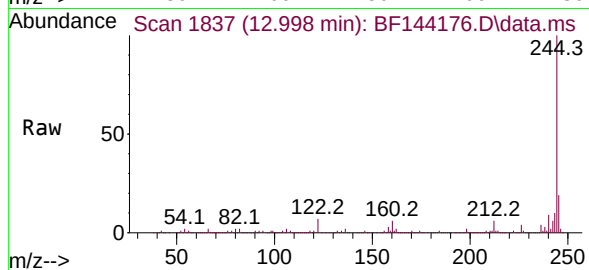
Tgt Ion:244 Resp: 1449323

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 78.633 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

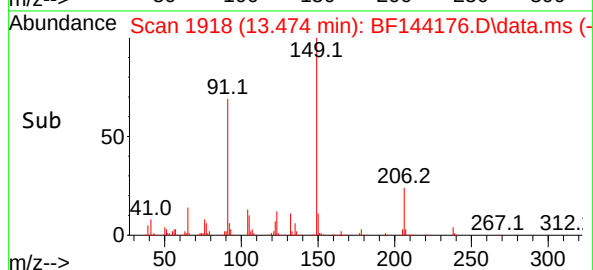
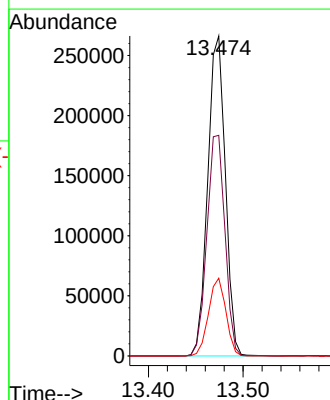
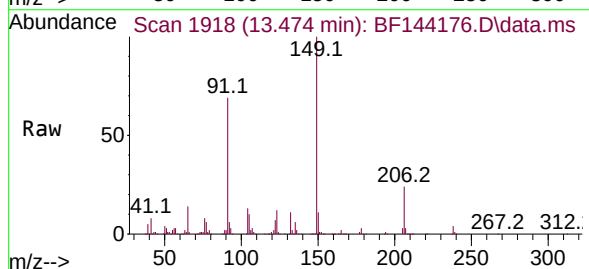
Tgt Ion:149 Resp: 344575

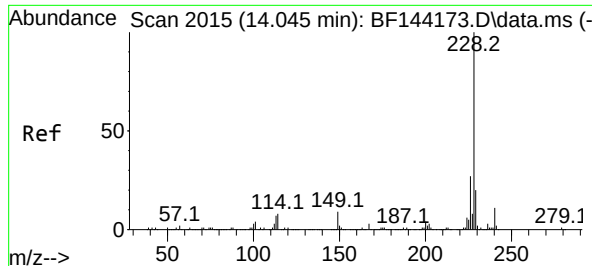
Ion Ratio Lower Upper

149 100

91 68.9 56.1 84.1

206 24.3 18.8 28.2

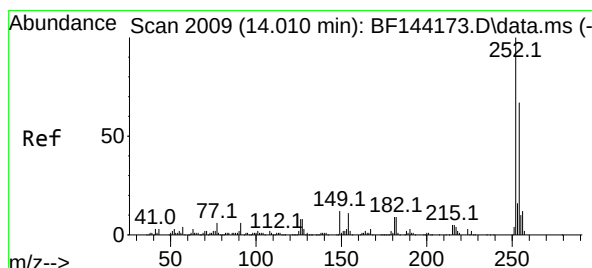
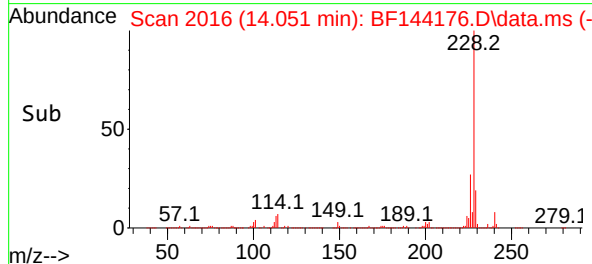
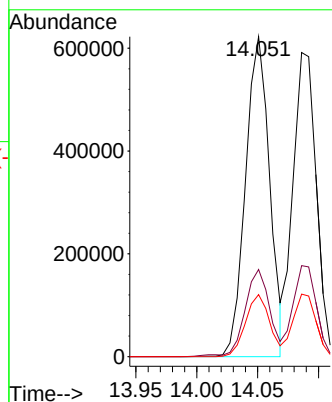
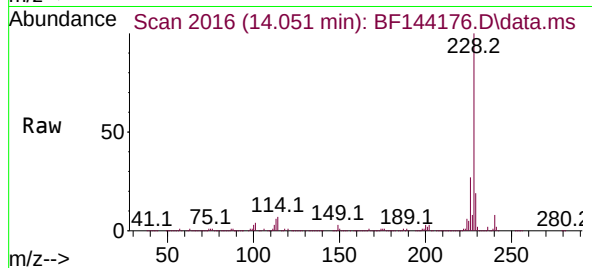




#81
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

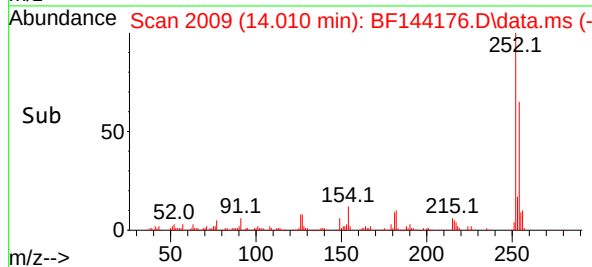
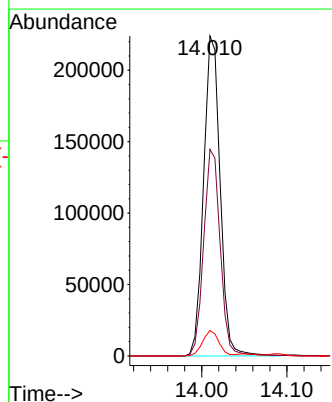
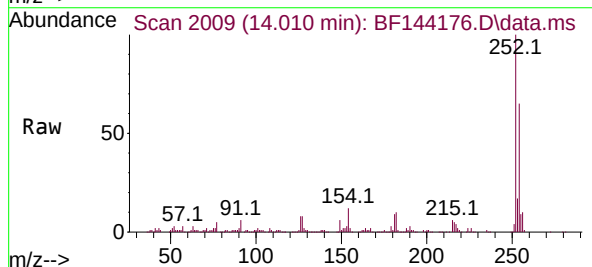
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

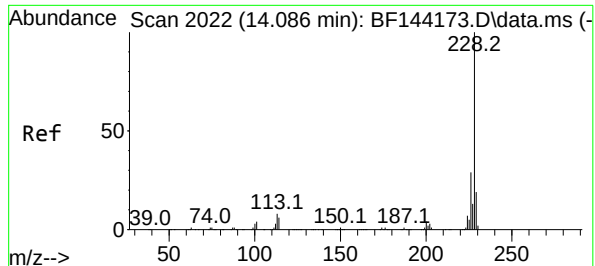
Tgt Ion:228 Resp: 856602
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 81.046 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 301919
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 7.9 6.4 9.6





#83

Chrysene

Concen: 78.982 ng

RT: 14.086 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

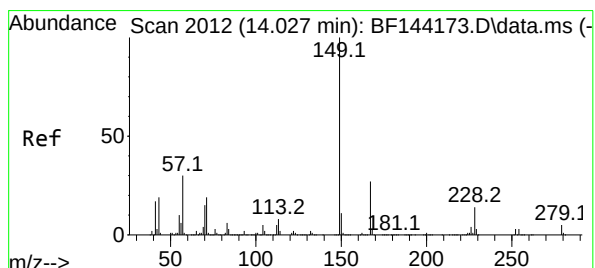
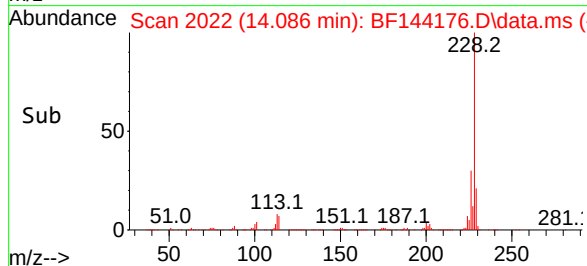
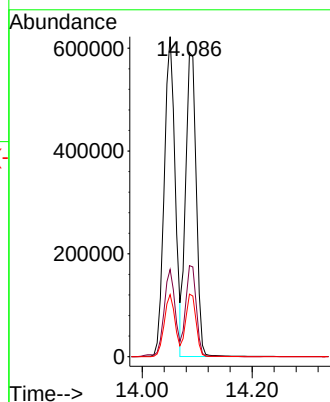
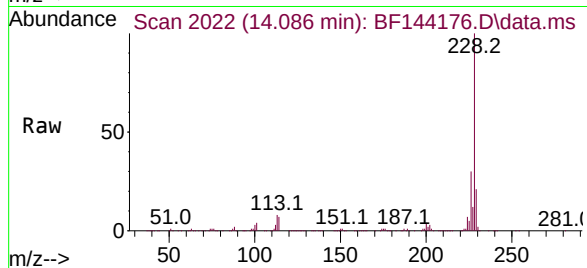
Tgt Ion:228 Resp: 792397

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 20.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.898 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

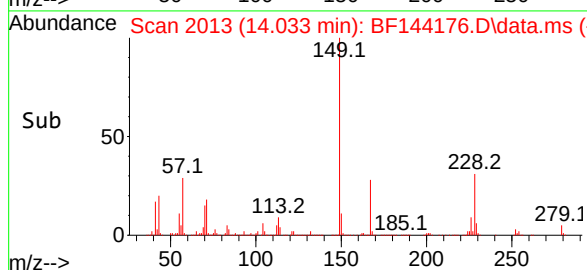
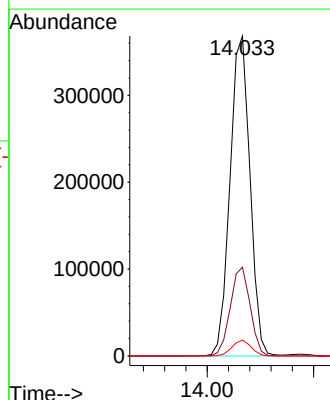
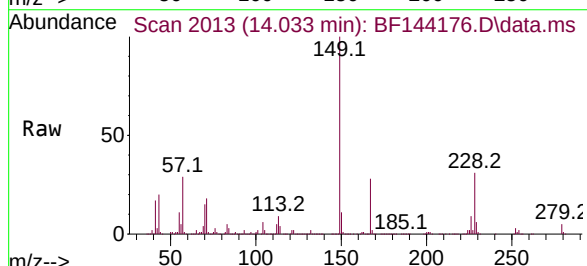
Tgt Ion:149 Resp: 479285

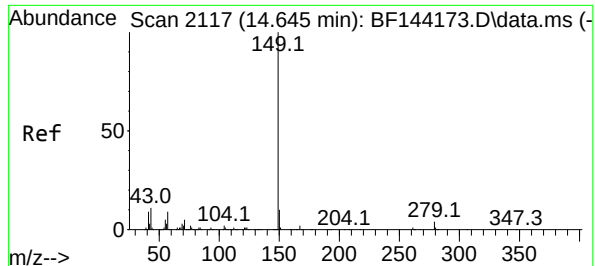
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.9 3.7 5.5

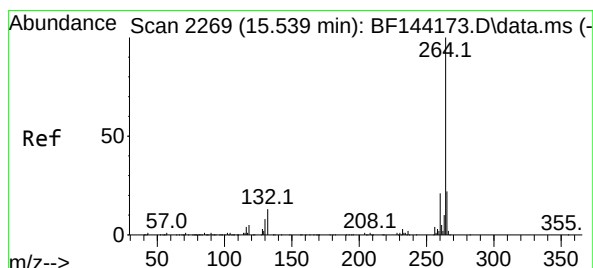
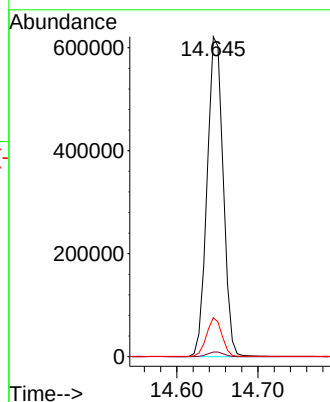
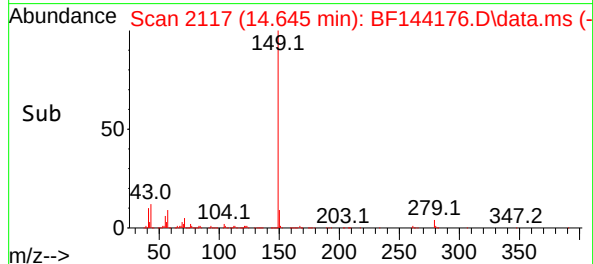
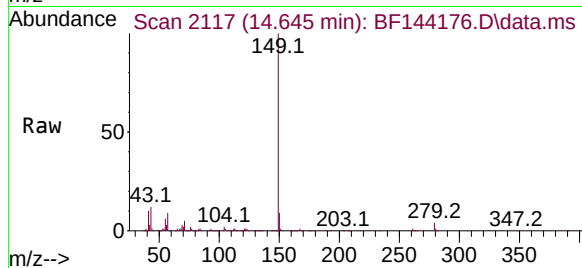




#85
Di-n-octyl phthalate
Concen: 82.657 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

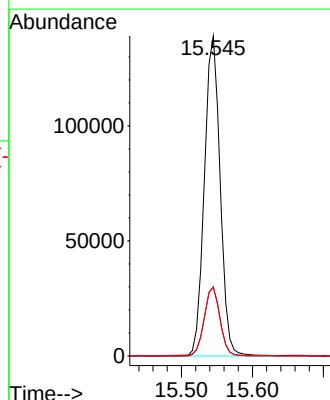
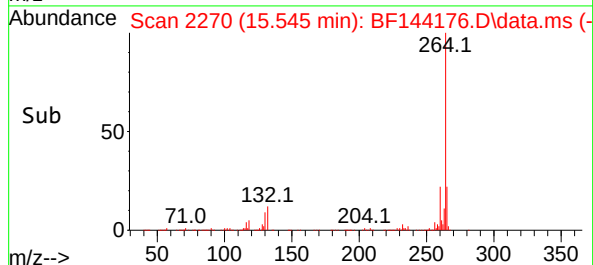
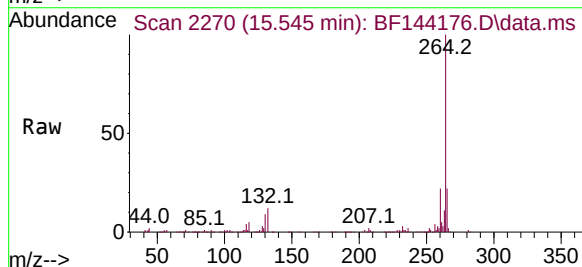
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

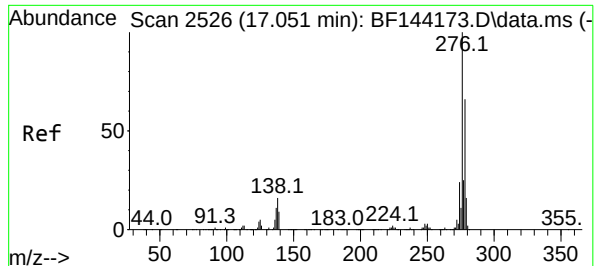
Tgt Ion:149 Resp: 855486
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:264 Resp: 213275
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.5 17.4 26.0

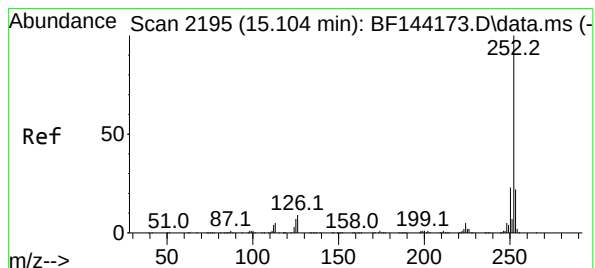
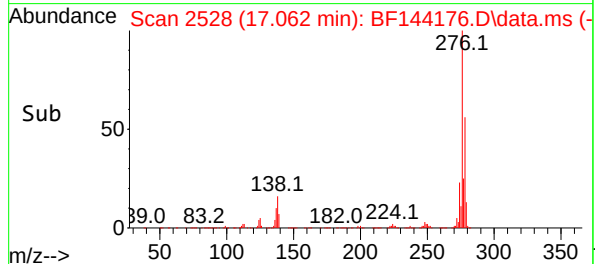
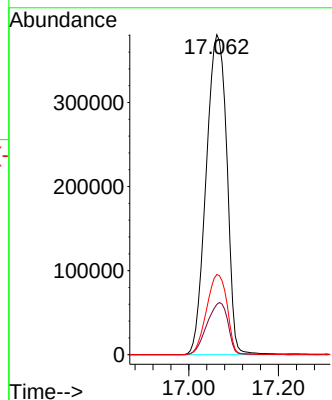
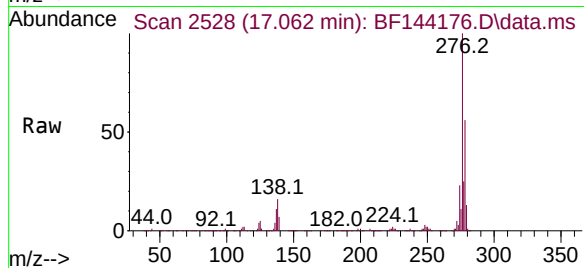




#87
Indeno(1,2,3-cd)pyrene
Concen: 79.403 ng
RT: 17.062 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

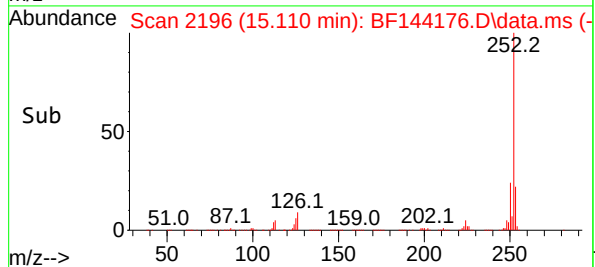
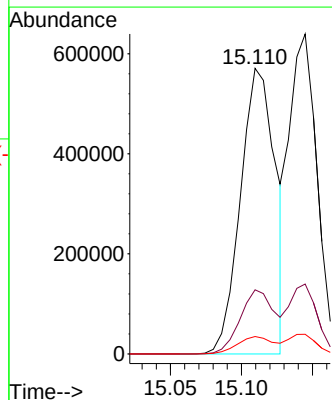
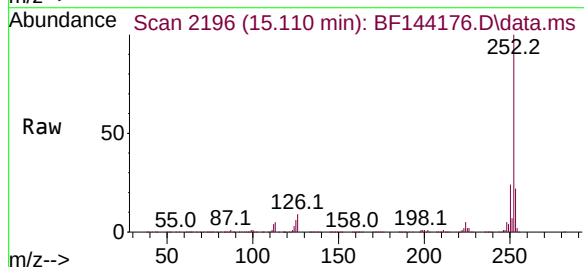
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

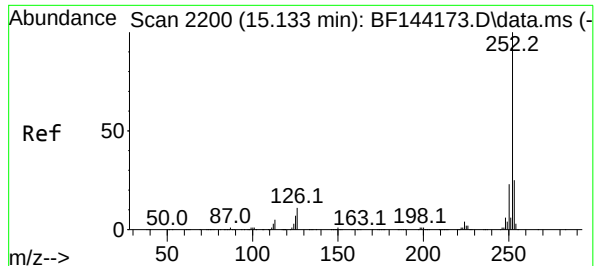
Tgt Ion:276 Resp: 1215637
Ion Ratio Lower Upper
276 100
138 16.6 13.9 20.9
277 24.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 80.454 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 975518
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 6.1 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 76.728 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

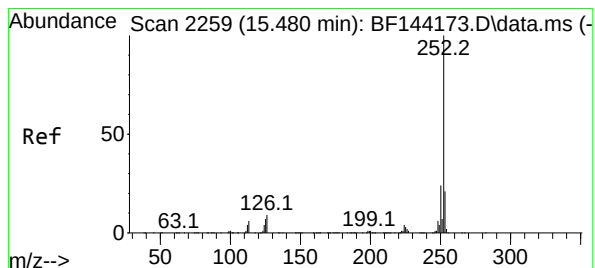
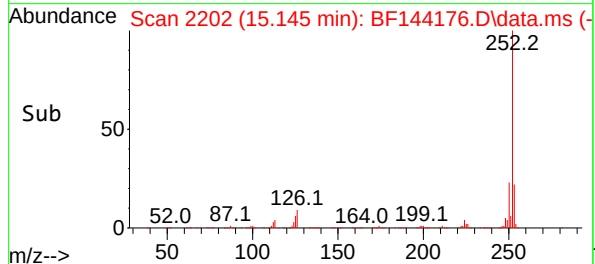
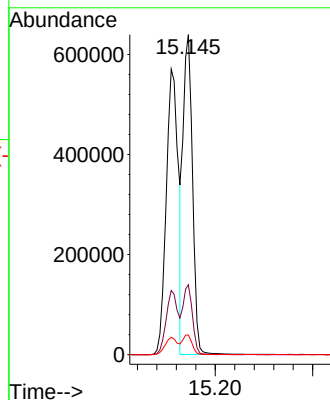
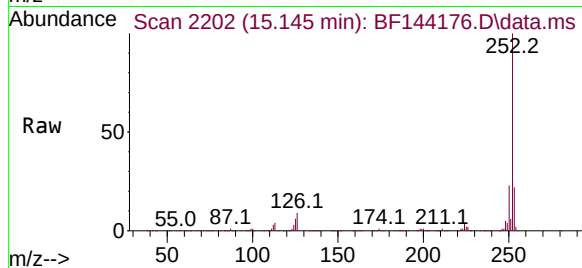
Tgt Ion:252 Resp: 870791

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.1 5.4 8.2



#90

Benzo(a)pyrene

Concen: 78.458 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

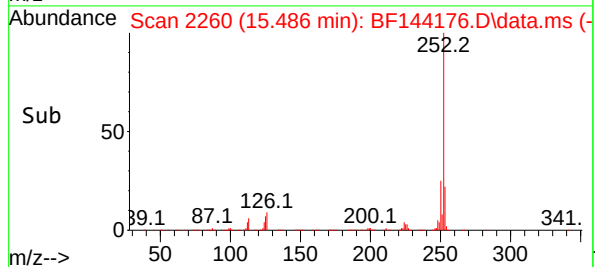
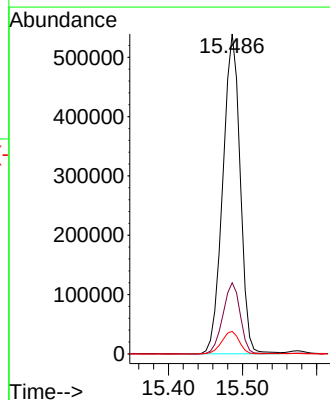
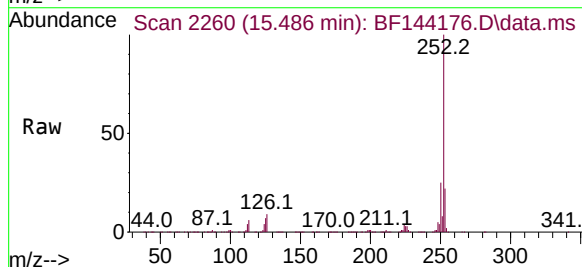
Tgt Ion:252 Resp: 877623

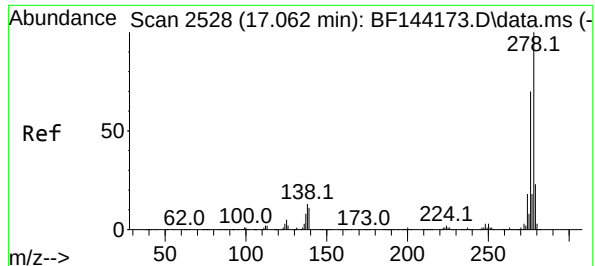
Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 78.952 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

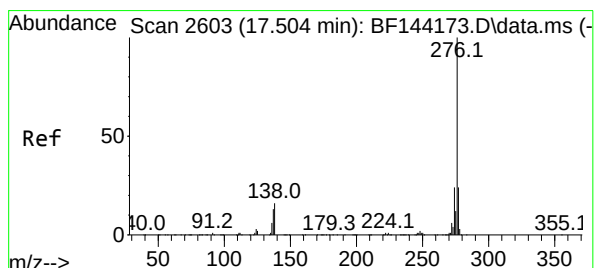
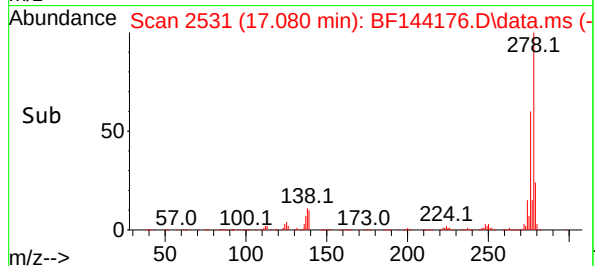
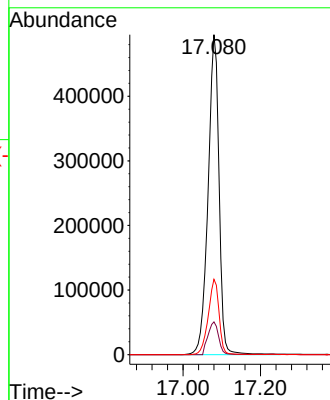
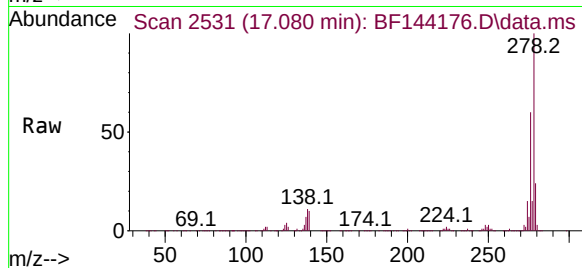
Tgt Ion:278 Resp: 970735

Ion Ratio Lower Upper

278 100

139 10.2 9.1 13.7

279 23.6 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 80.827 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

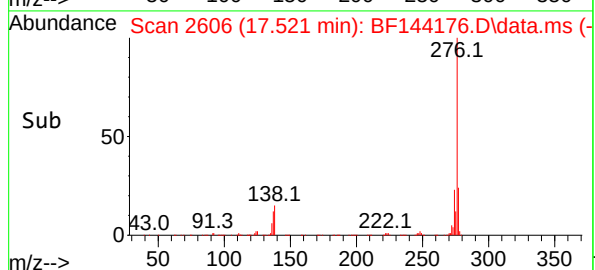
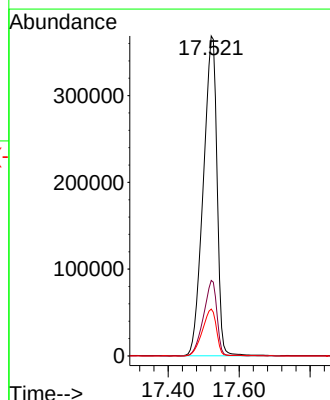
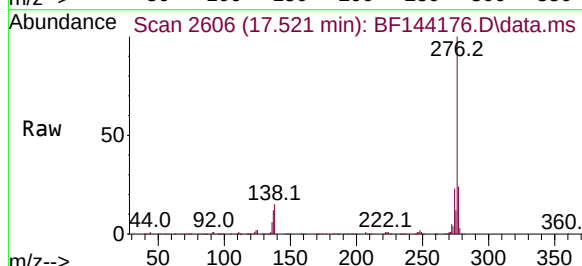
Tgt Ion:276 Resp: 981387

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 14.6 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69106	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng	0.00
86) Perylene-d12	15.539	264	215110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	310198	70.243	ng	0.00
7) Phenol-d6	6.498	99	347682	69.484	ng	-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng	0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng	99
3) Pyridine	3.375	79	165752	32.541	ng	98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng	99
6) Aniline	6.534	93	264913	37.159	ng	99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng	100
9) Benzaldehyde	6.428	77	128101	45.337	ng	99
10) Phenol	6.516	94	217418	35.563	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng	98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng	98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng	98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng	98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng	99
17) 2-Methylphenol	7.122	107	119633	34.723	ng	97
18) Hexachloroethane	7.387	117	64124	36.050	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng	95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	# 89
22) Acetophenone	7.281	105	204331	36.061	ng	98
24) Nitrobenzene	7.457	77	172618	34.763	ng	99
25) Isophorone	7.692	82	300648	34.755	ng	100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng	96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng	98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng	99
31) Naphthalene	8.181	128	438013	34.861	ng	99
32) Benzoic acid	7.916	122	81416m	30.148	ng	
33) 4-Chloroaniline	8.228	127	177275	38.685	ng	98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng	99
35) Caprolactam	8.592	113	38947	33.478	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng	98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng	99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng	98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 17:20:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

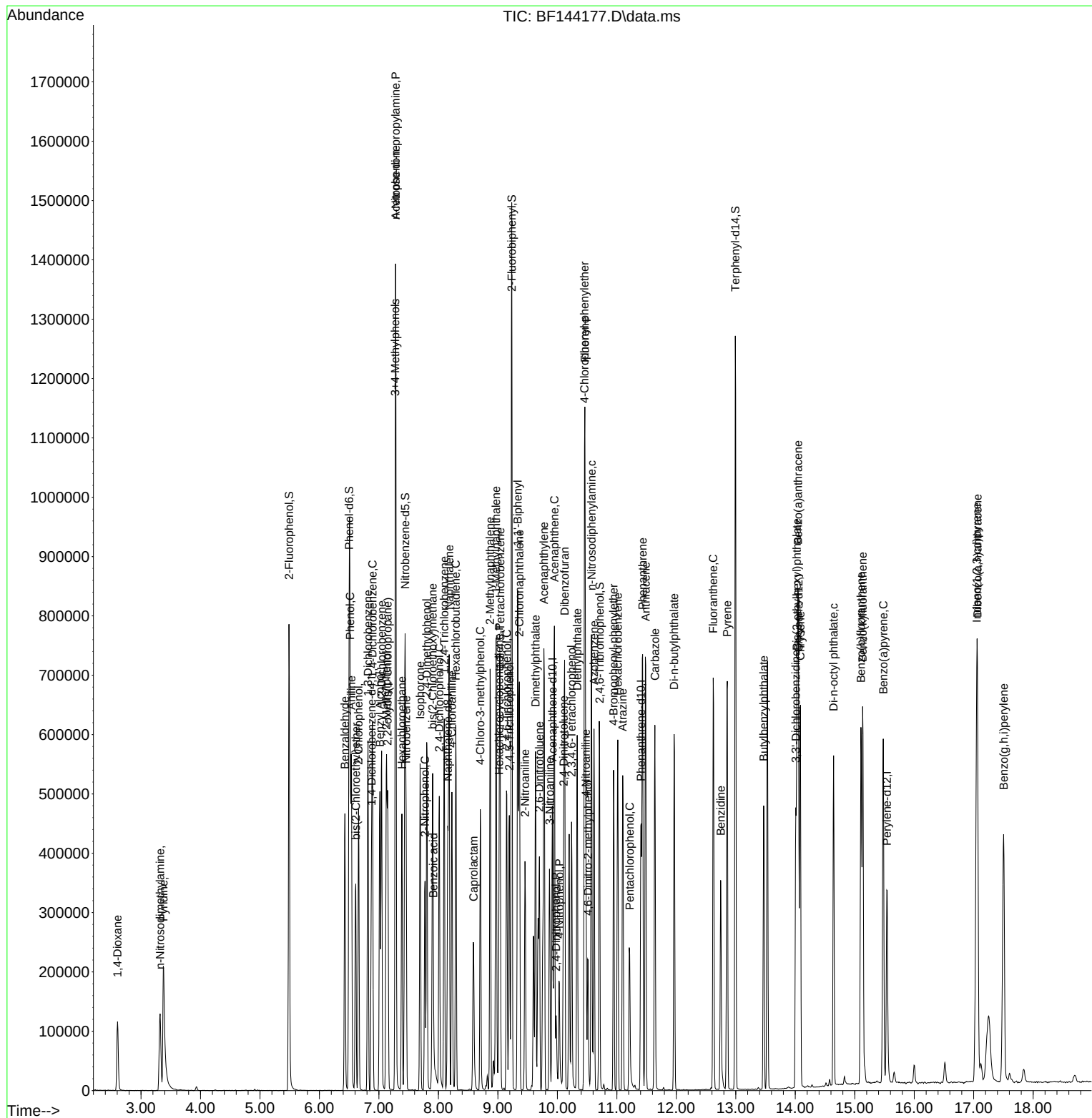
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Acq On    : 05 Nov 2025  17:21  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 11    Sample Multiplier: 1
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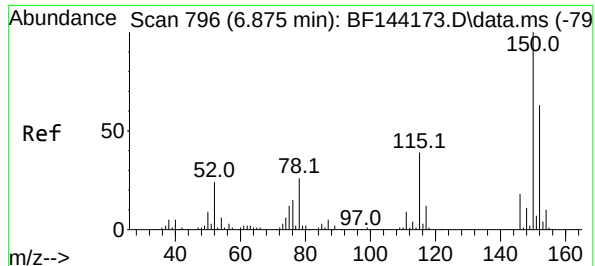
Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

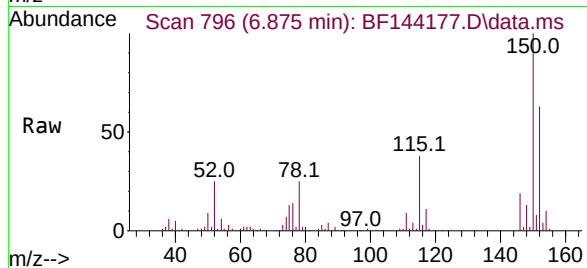
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

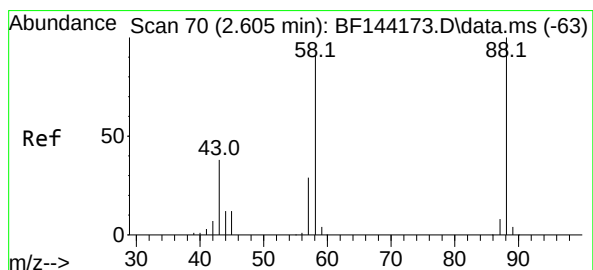
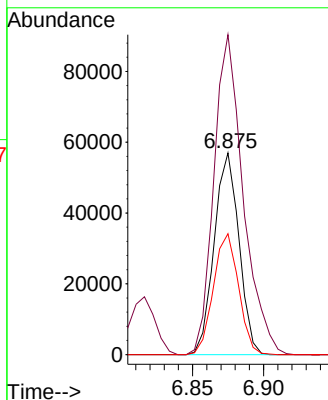
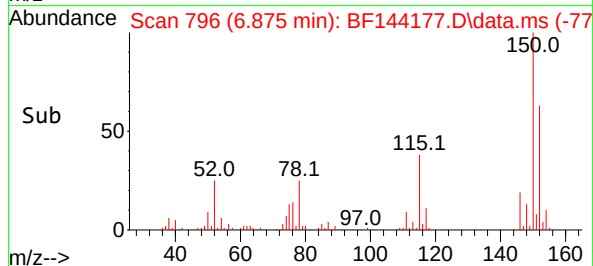
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:152 Resp: 69106
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 59.9 49.5 74.3

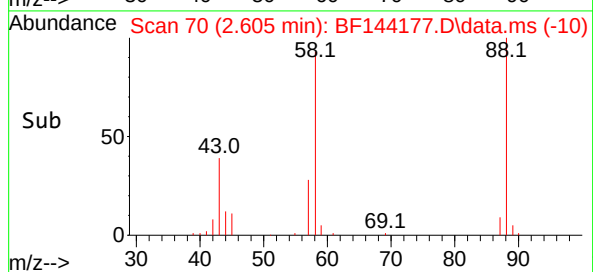
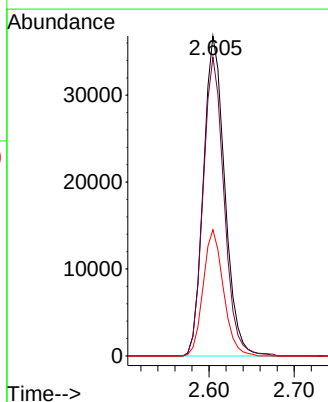
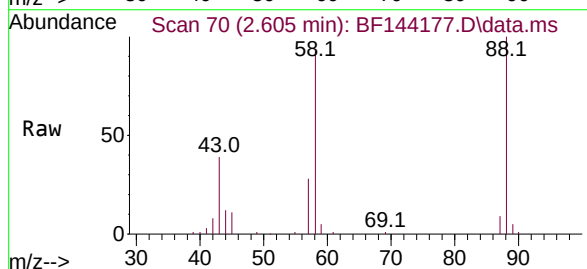
Manual Integrations
APPROVED

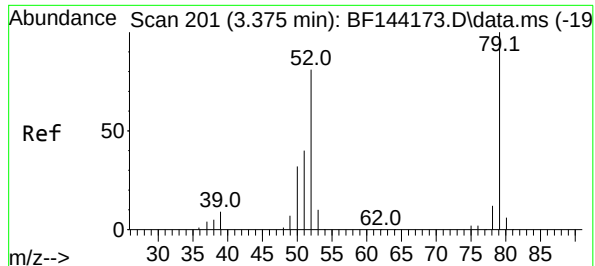
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 34.992 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

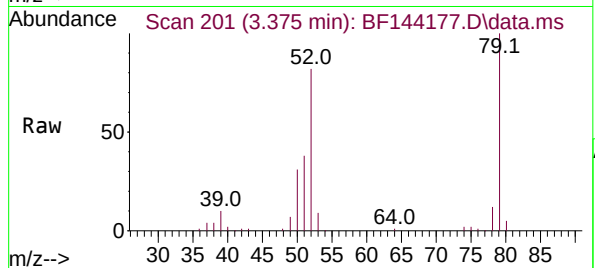
Tgt Ion: 88 Resp: 63887
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 37.5 31.0 46.6





#3
Pyridine
Concen: 32.541 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

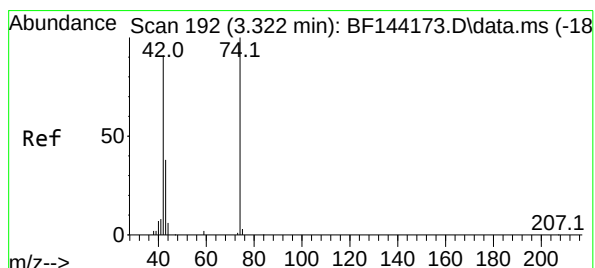
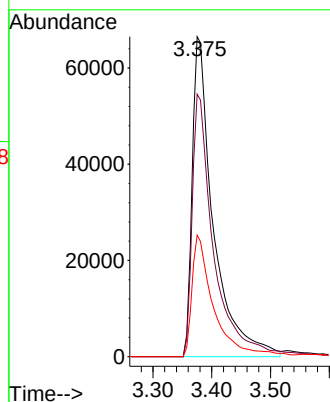
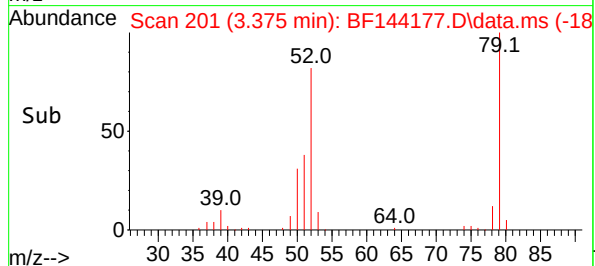
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 79 Resp: 165752
Ion Ratio Lower Upper
79 100
52 82.0 64.5 96.7
51 38.0 31.7 47.5

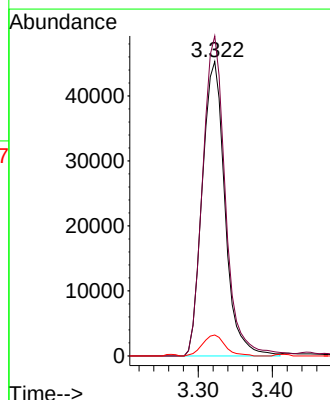
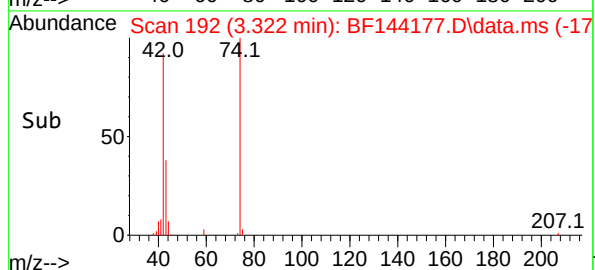
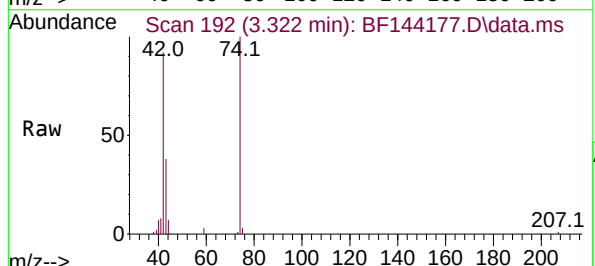
Manual Integrations
APPROVED

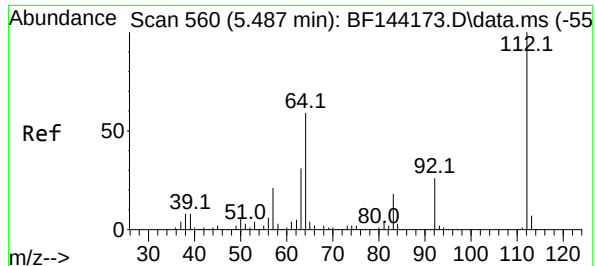
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#4
n-Nitrosodimethylamine
Concen: 36.224 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 42 Resp: 96379
Ion Ratio Lower Upper
42 100
74 108.7 88.2 132.4
44 7.1 5.7 8.5





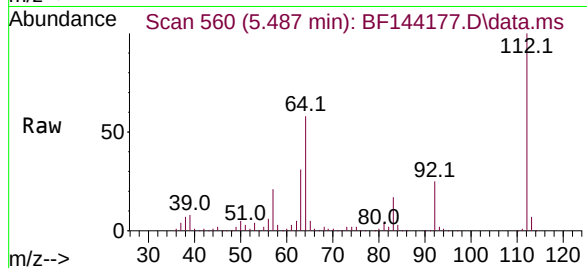
#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

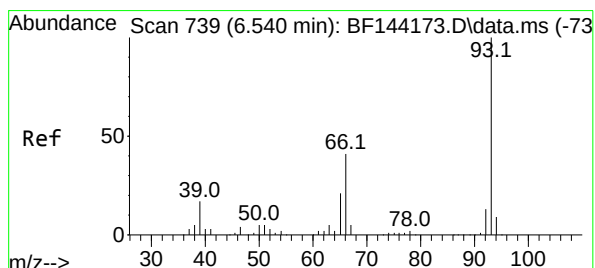
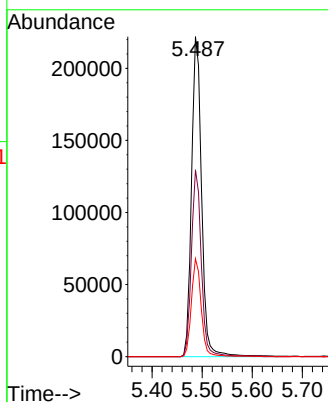
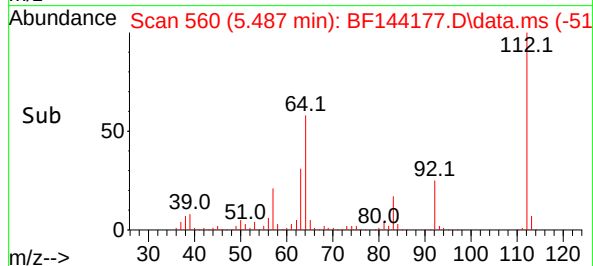


Tgt Ion:112 Resp: 310198
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 30.6 24.4 36.6

Manual Integrations

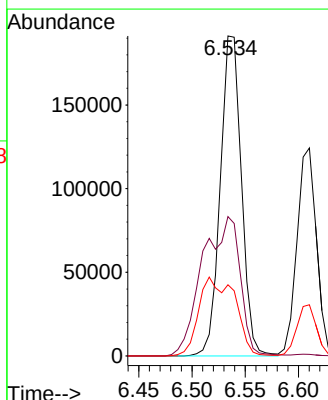
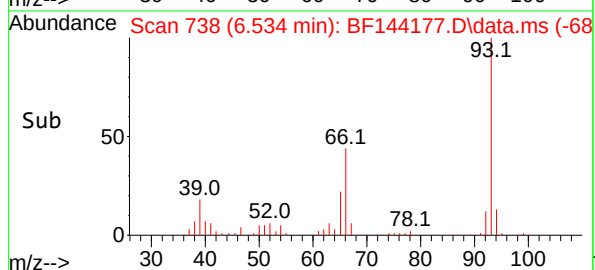
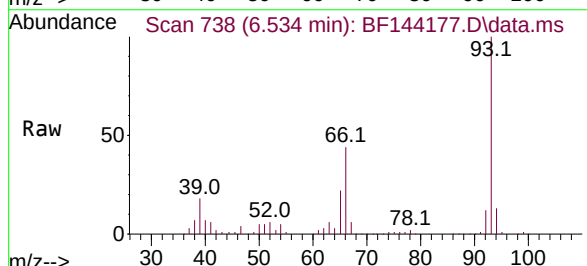
APPROVED

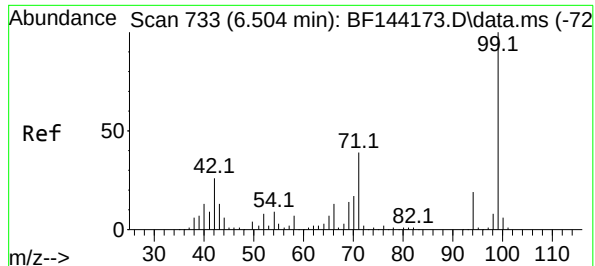
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 37.159 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 264913
Ion Ratio Lower Upper
93 100
66 43.5 34.3 51.5
65 22.2 16.9 25.3





#7

Phenol-d6

Concen: 69.484 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 99 Resp: 347682

Ion Ratio Lower Upper

99 100

42 25.6 20.9 31.3

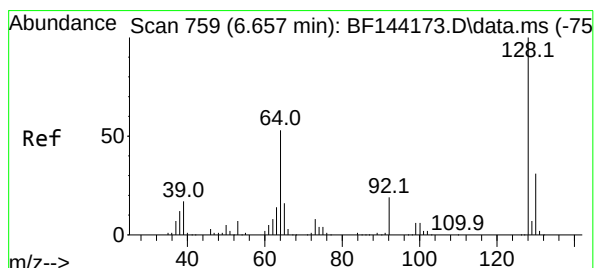
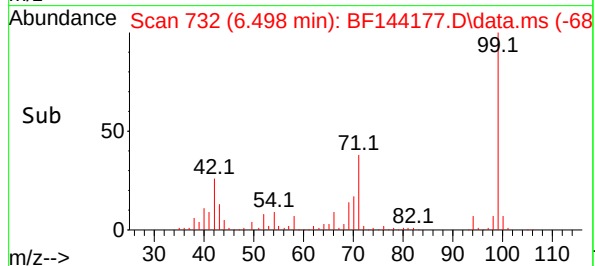
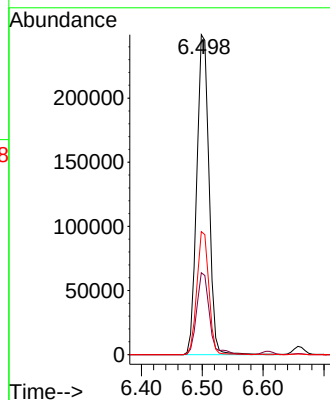
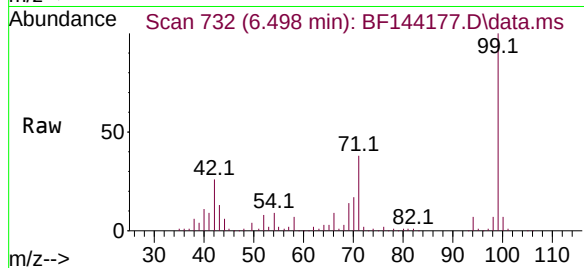
71 38.4 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#8

2-Chlorophenol

Concen: 35.096 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

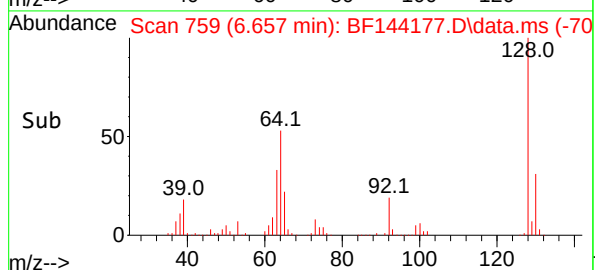
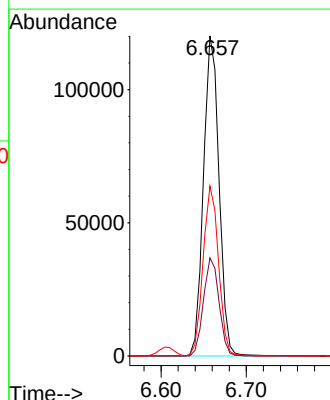
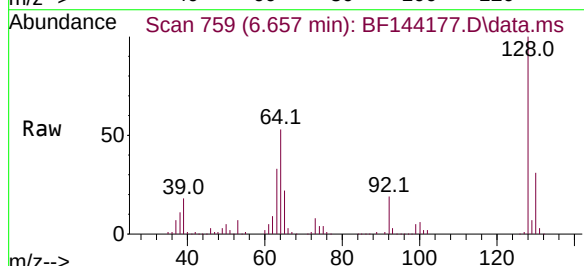
Tgt Ion:128 Resp: 151995

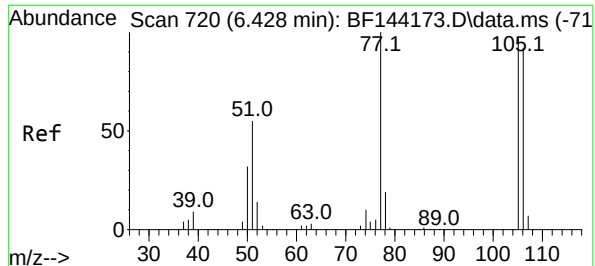
Ion Ratio Lower Upper

128 100

130 30.6 10.5 50.5

64 53.1 33.2 73.2





#9

Benzaldehyde

Concen: 45.337 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 77 Resp: 12810

Ion Ratio Lower Upper

77 100

105 95.1 77.2 117.2

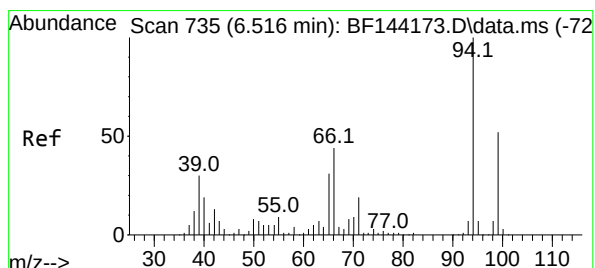
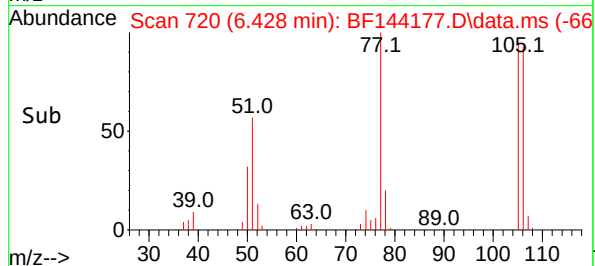
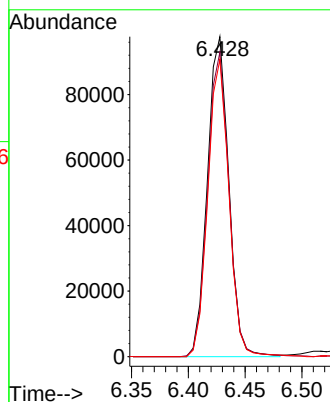
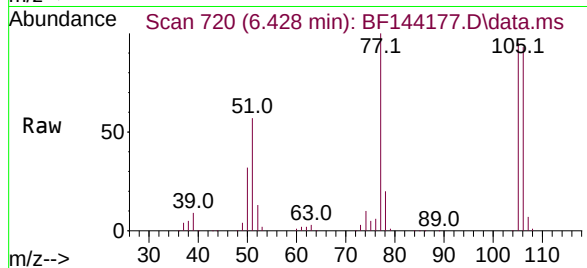
106 92.9 72.2 112.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#10

Phenol

Concen: 35.563 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

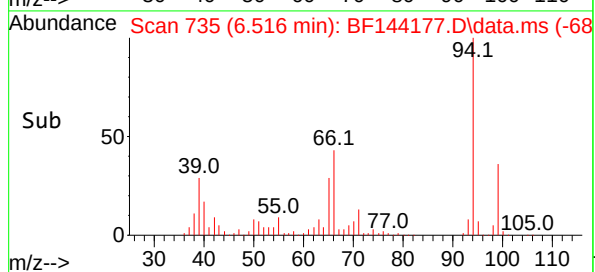
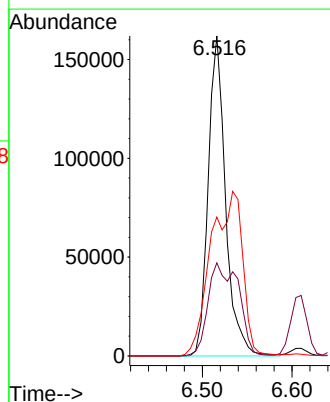
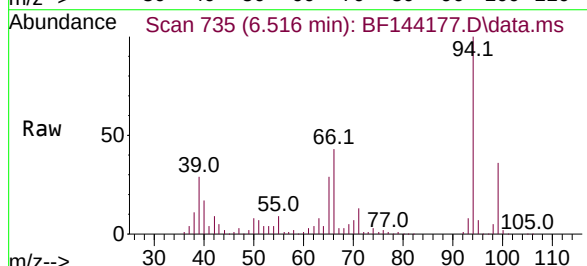
Tgt Ion: 94 Resp: 217418

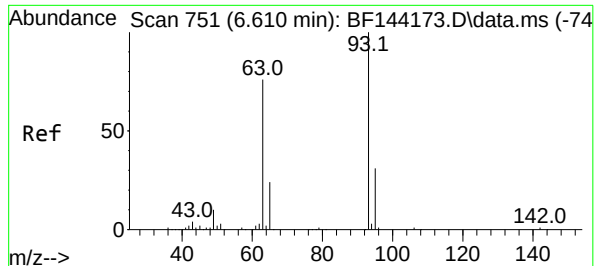
Ion Ratio Lower Upper

94 100

65 29.1 10.8 50.8

66 43.4 24.3 64.3





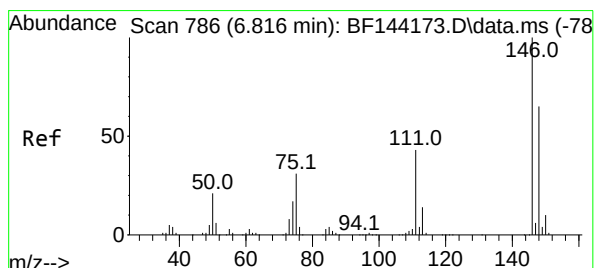
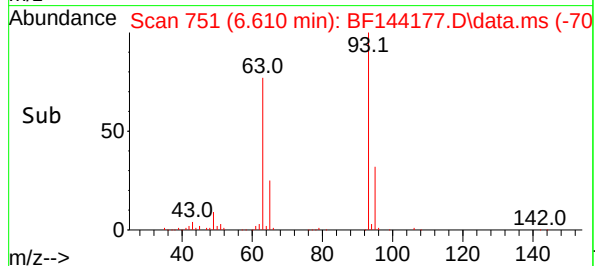
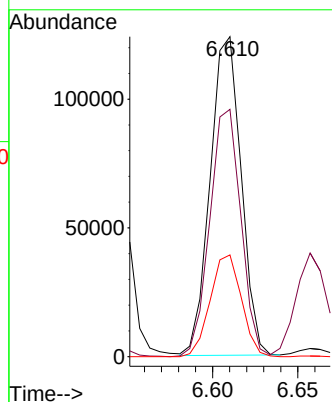
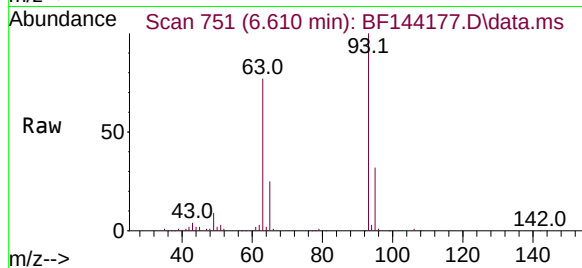
#11
bis(2-Chloroethyl)ether
Concen: 35.167 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 93 Resp: 156663
Ion Ratio Lower Upper
93 100
63 77.3 55.2 95.2
95 31.8 11.2 51.2

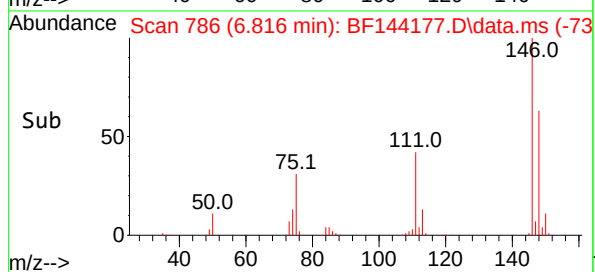
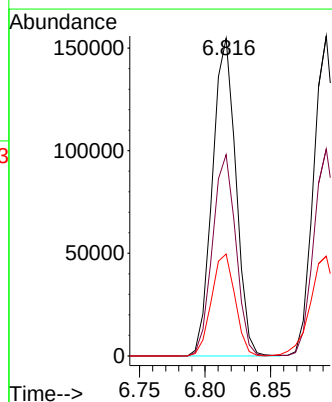
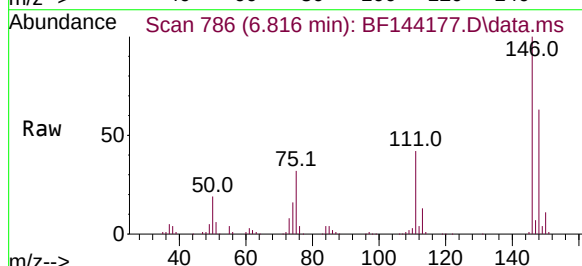
Manual Integrations
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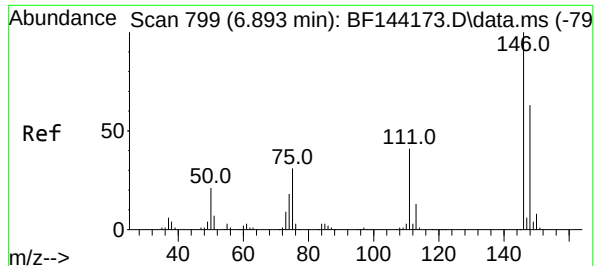
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 36.038 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 192589
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 32.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 35.858 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:146 Resp: 191978

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

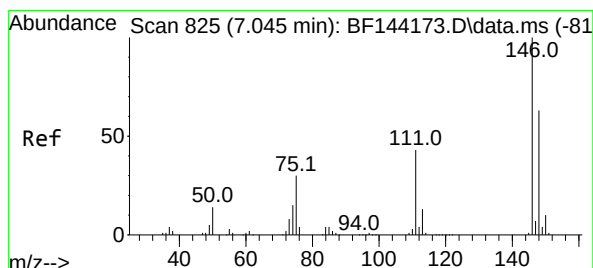
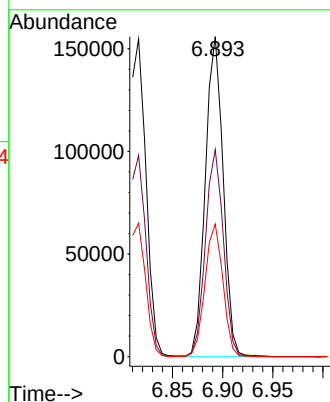
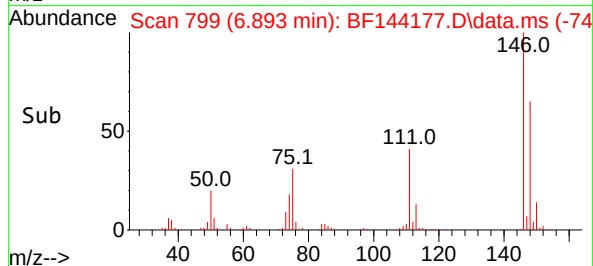
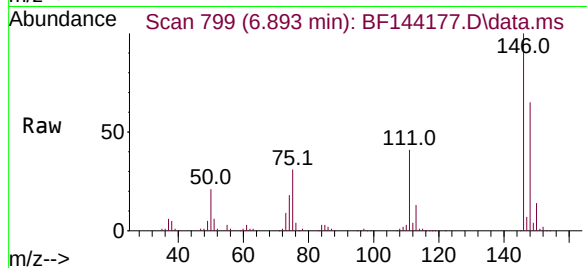
111 41.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 36.957 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

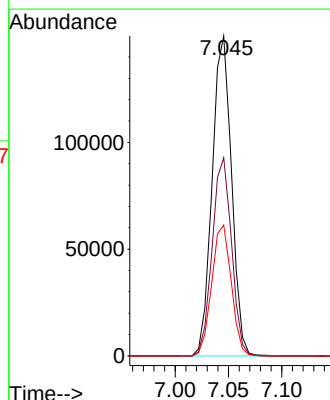
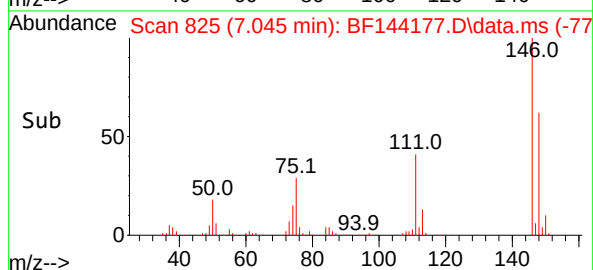
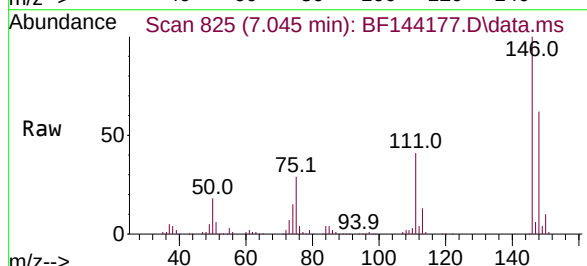
Tgt Ion:146 Resp: 189651

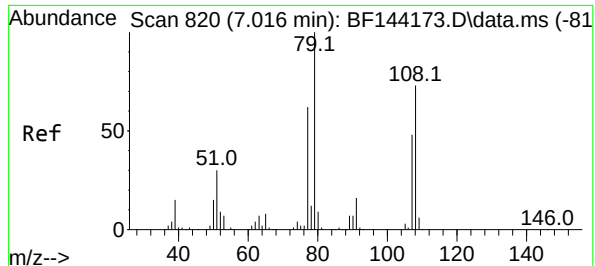
Ion Ratio Lower Upper

146 100

148 61.9 50.7 76.1

111 40.9 34.2 51.4





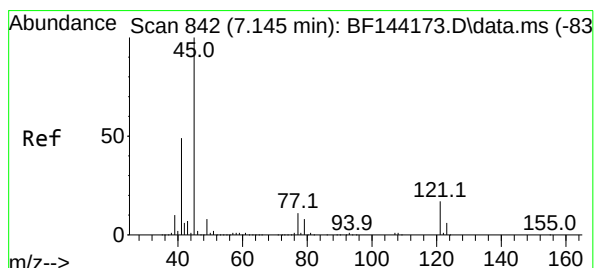
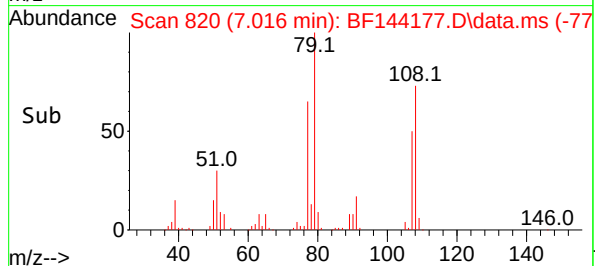
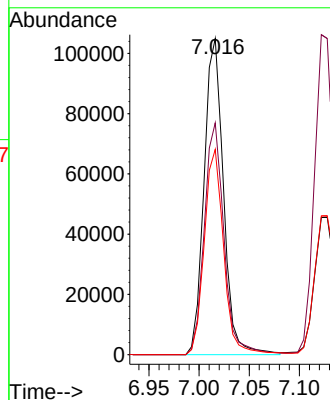
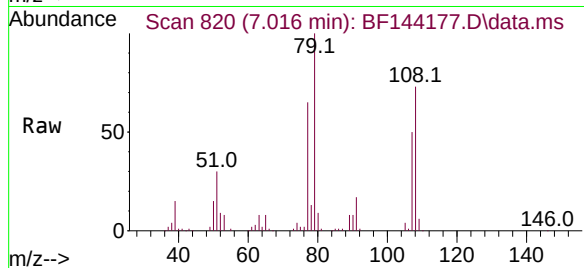
#15
Benzyl Alcohol
Concen: 35.593 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 79 Resp: 141026
Ion Ratio Lower Upper
79 100
108 73.3 58.2 87.4
77 64.9 49.9 74.9

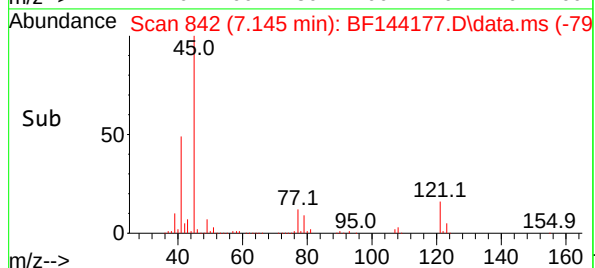
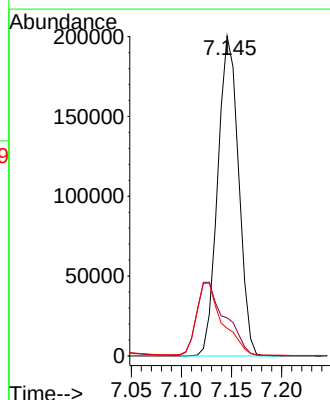
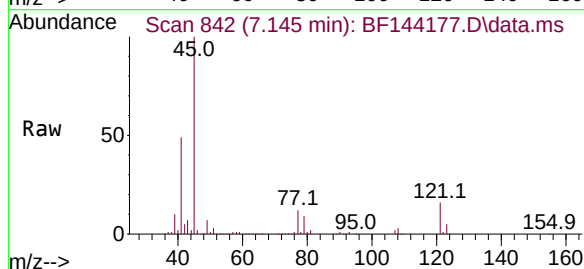
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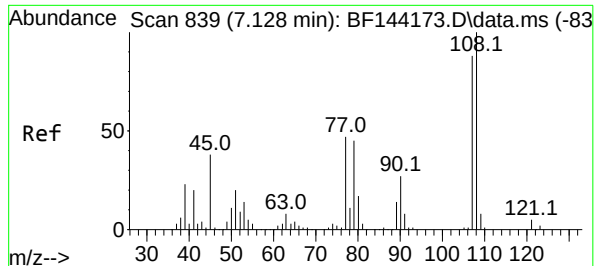
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.340 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

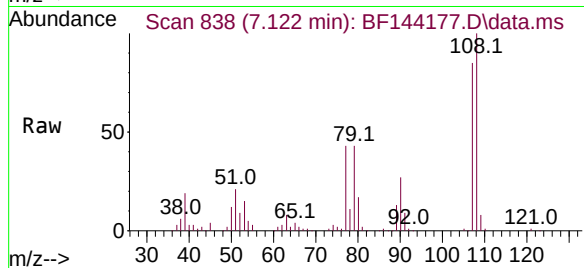
Tgt Ion: 45 Resp: 289907
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 8.6 0.0 29.1





#17
2-Methylphenol
Concen: 34.723 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

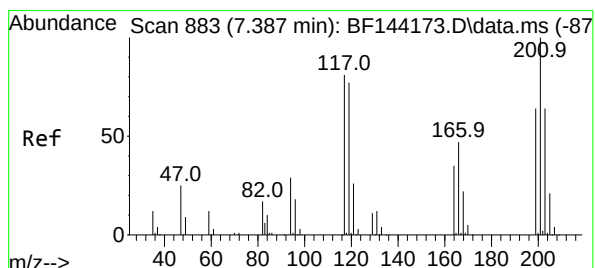
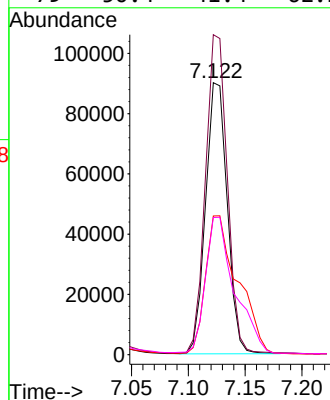
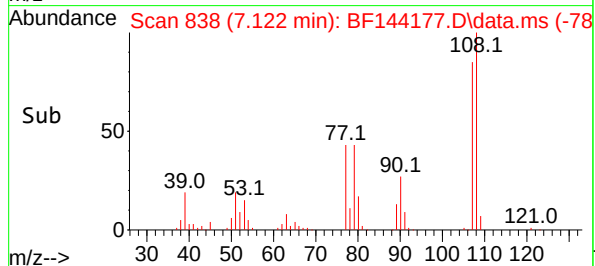
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:107 Resp: 119633
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 51.0 42.7 64.1
79 50.4 41.4 62.2

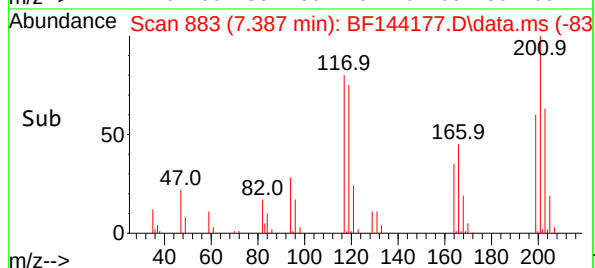
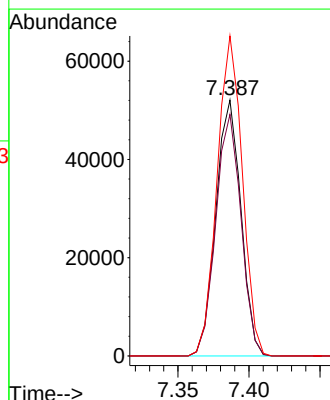
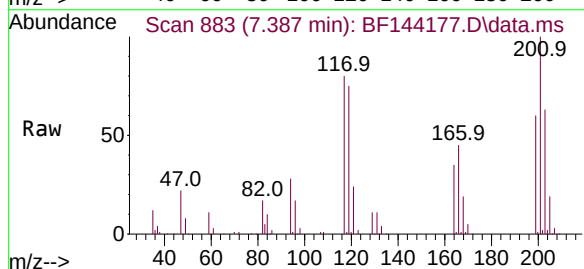
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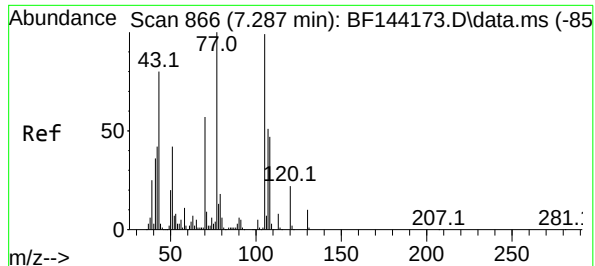
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#18
Hexachloroethane
Concen: 36.050 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:117 Resp: 64124
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 125.1 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 34.051 ng

RT: 7.281 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 70 Resp: 112165

Ion Ratio Lower Upper

70 100

42 78.4 58.3 87.5

101 9.1 7.0 10.6

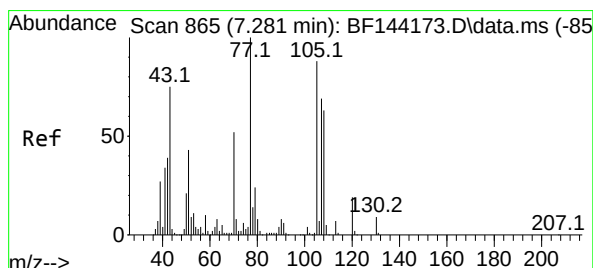
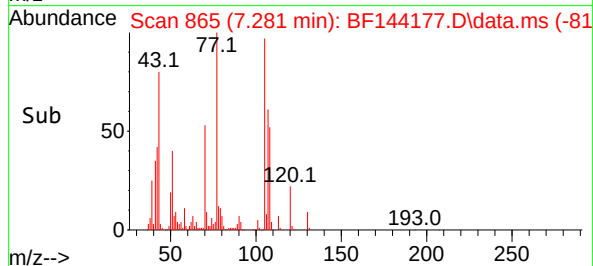
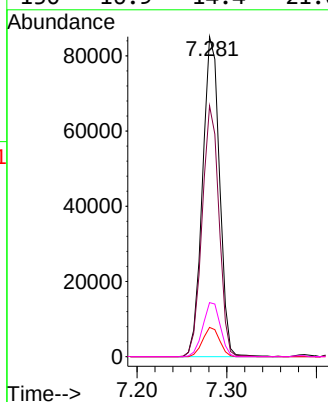
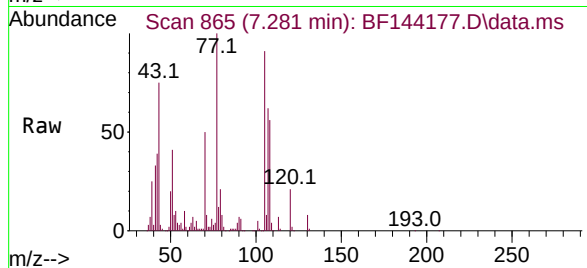
130 16.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#20

3+4-Methylphenols

Concen: 35.839 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 145554

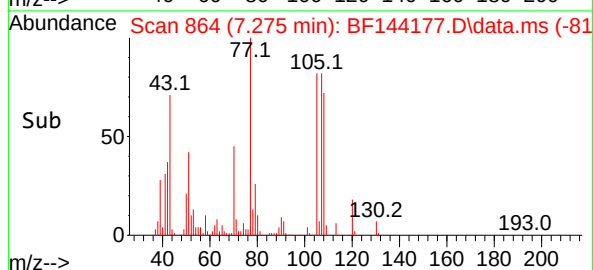
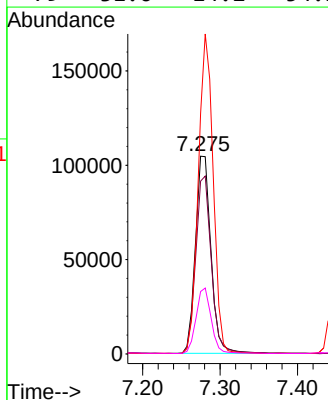
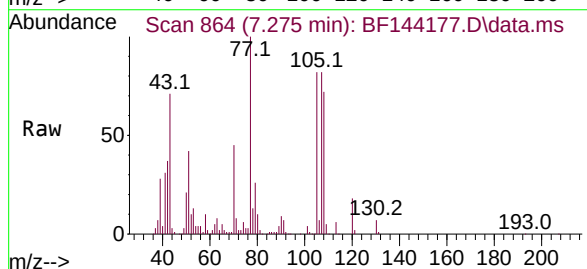
Ion Ratio Lower Upper

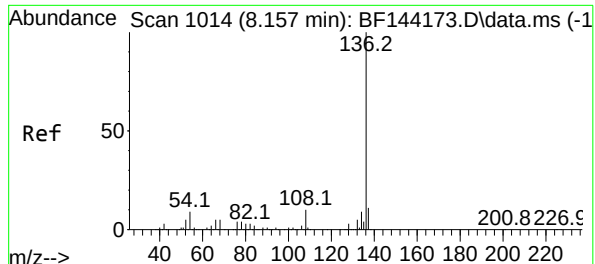
107 100

108 87.4 70.2 110.2

77 121.6 123.9 163.9#

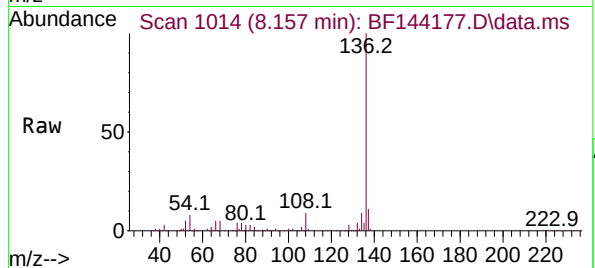
79 31.6 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

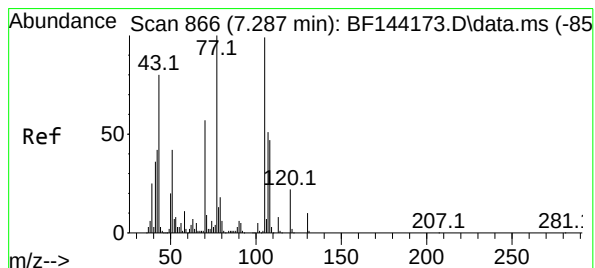
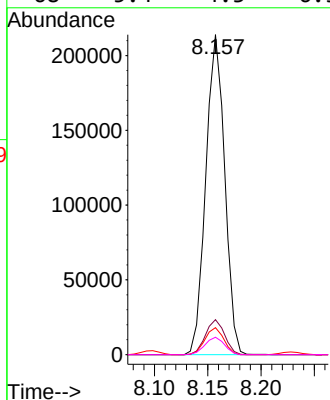
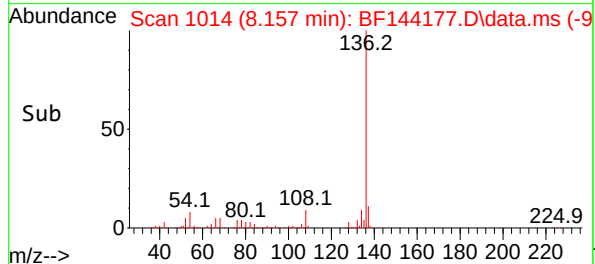
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



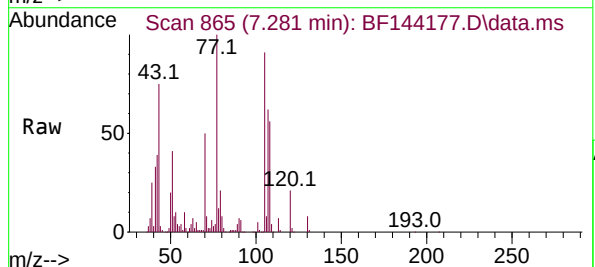
Tgt Ion:136 Resp: 264133
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 7.0 10.6
68 5.4 4.3 6.5

Manual Integrations
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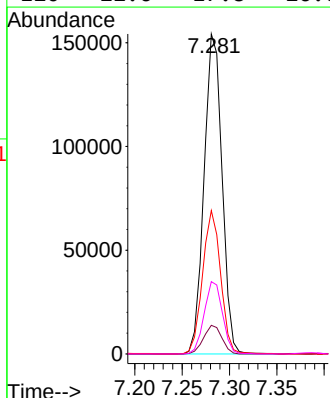
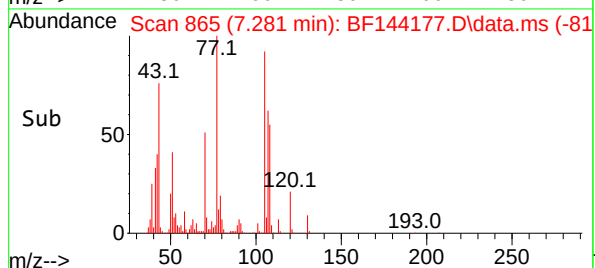
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

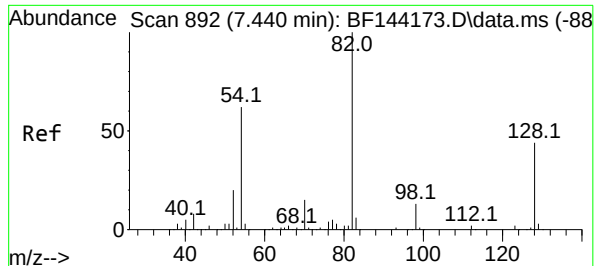


#22
Acetophenone
Concen: 36.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:105 Resp: 204331
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 44.8 34.0 51.0
120 22.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 68.601 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 82 Resp: 31373

Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

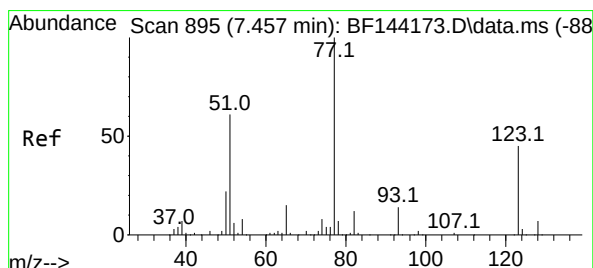
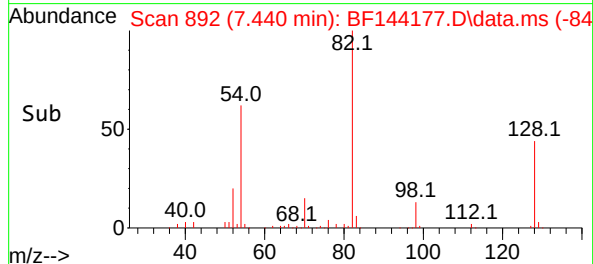
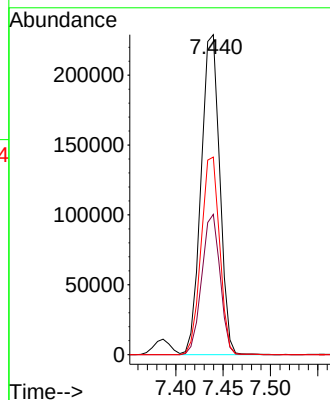
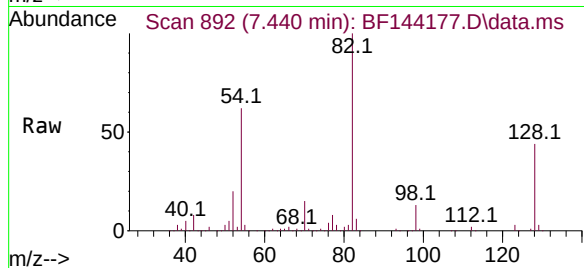
54 61.7 49.5 74.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 34.763 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

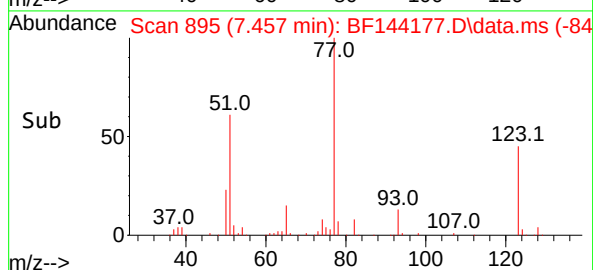
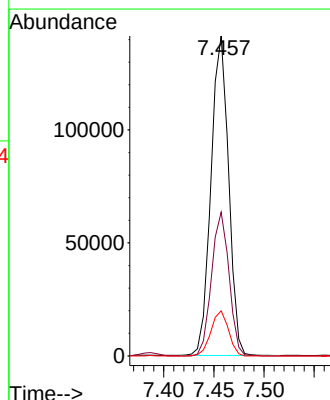
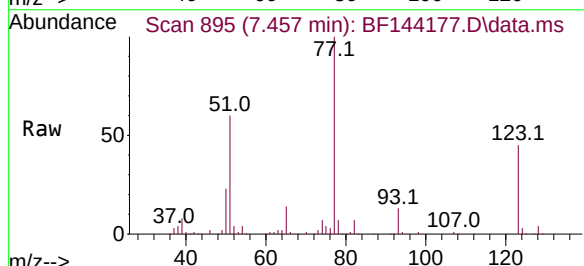
Tgt Ion: 77 Resp: 172618

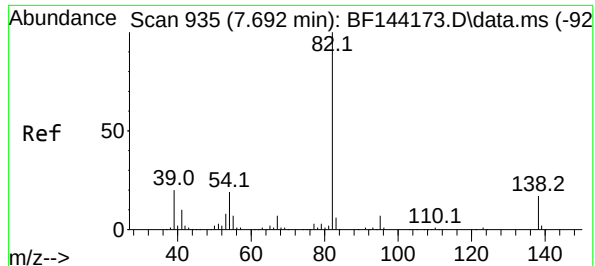
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

65 14.1 12.2 18.2





#25

Isophorone

Concen: 34.755 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 82 Resp: 300648

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

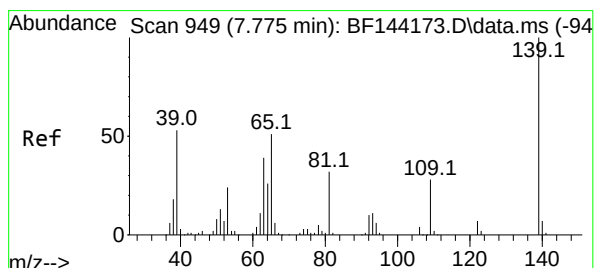
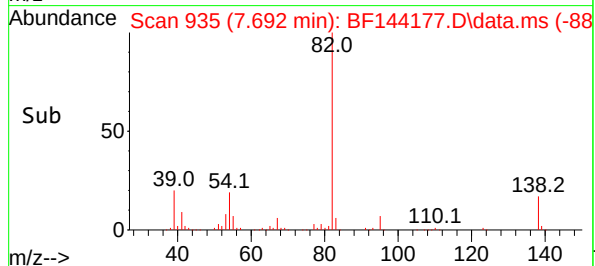
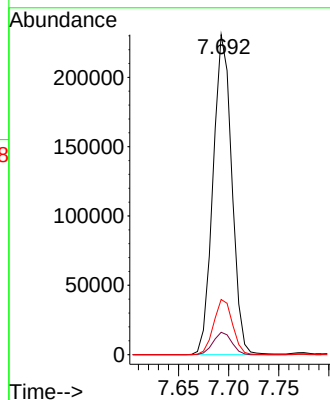
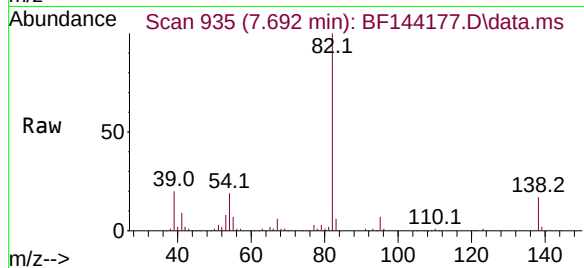
138 17.2 13.7 20.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#26

2-Nitrophenol

Concen: 36.521 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

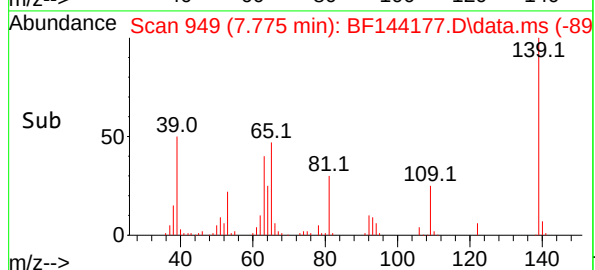
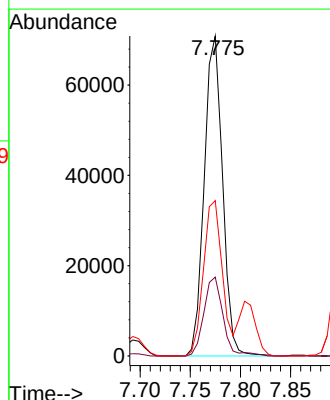
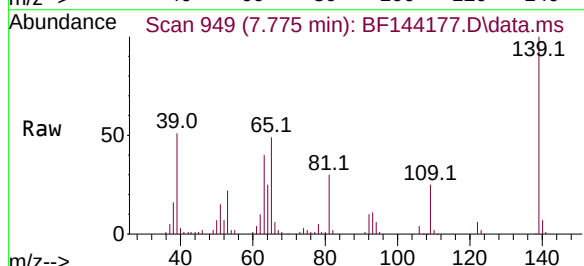
Tgt Ion:139 Resp: 89771

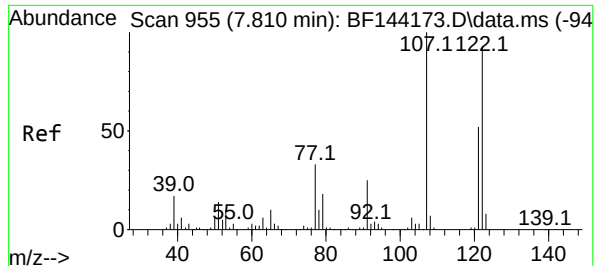
Ion Ratio Lower Upper

139 100

109 24.6 22.2 33.2

65 48.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 39.334 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

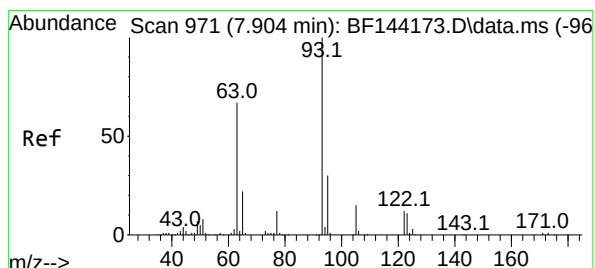
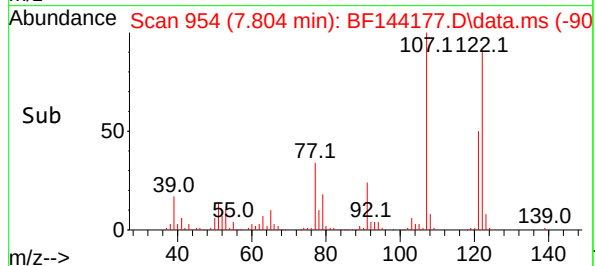
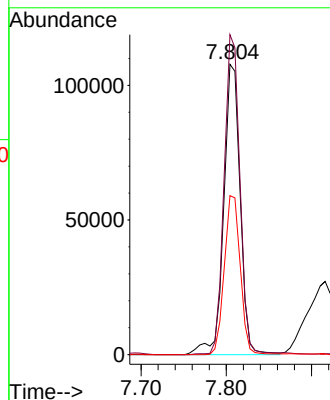
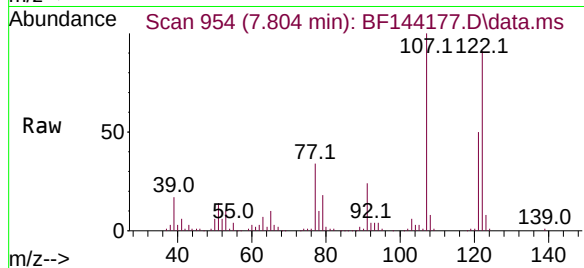
ICVBF110525

Tgt Ion:122 Resp: 144915
Ion Ratio Lower Upper
122 100
107 110.2 86.2 129.4
121 54.8 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 35.422 ng

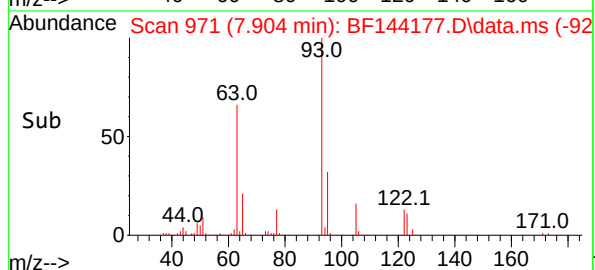
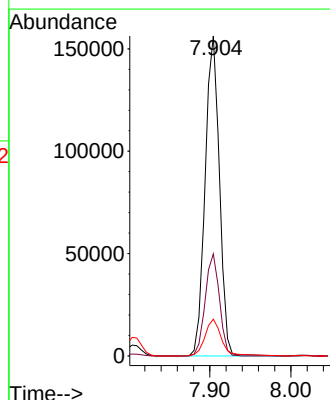
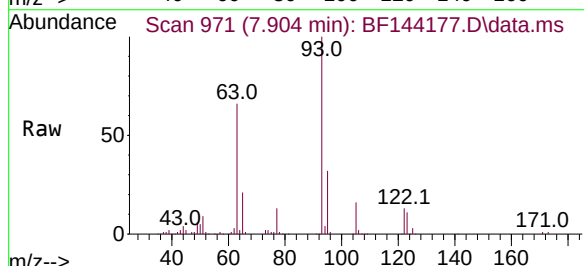
RT: 7.904 min Scan# 971

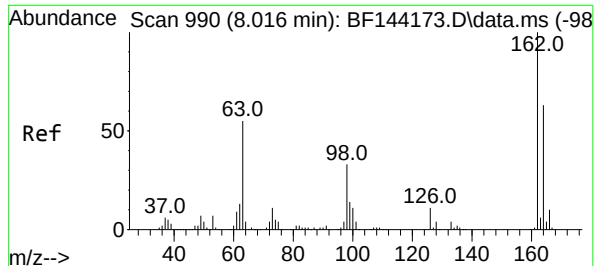
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 191347
Ion Ratio Lower Upper
93 100
95 31.9 24.2 36.4
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 34.086 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144177.D

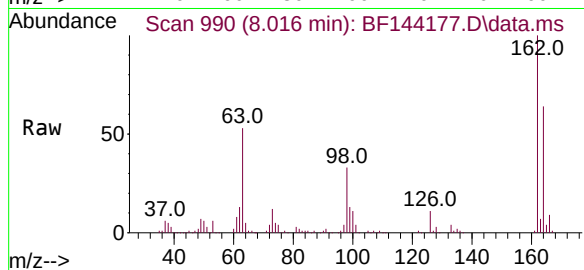
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



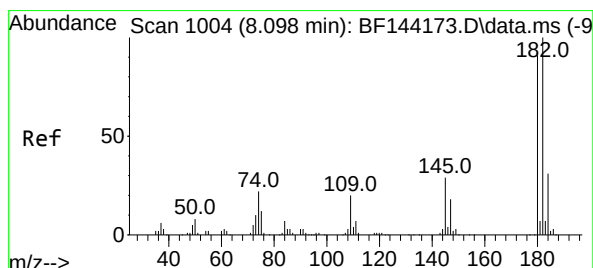
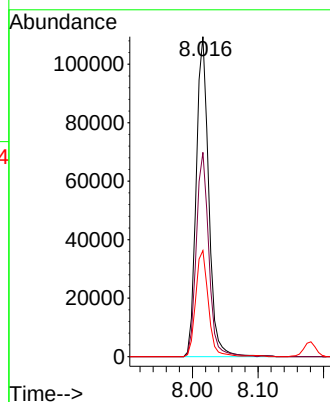
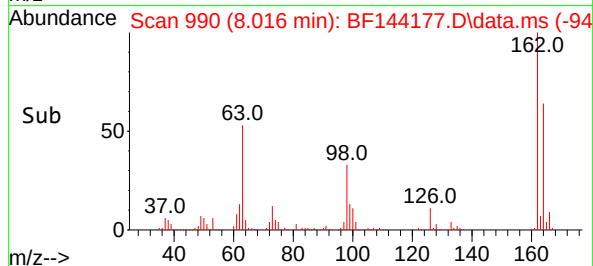
Tgt Ion:162	Resp: 144739
Ion Ratio	Lower Upper
162	100
164	63.8 42.9 82.9
98	33.1 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

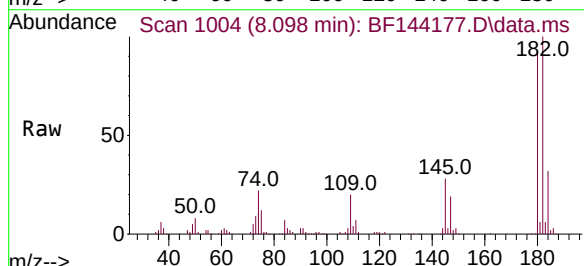
Concen: 35.677 ng

RT: 8.098 min Scan# 1004

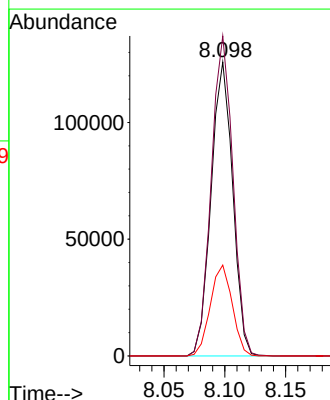
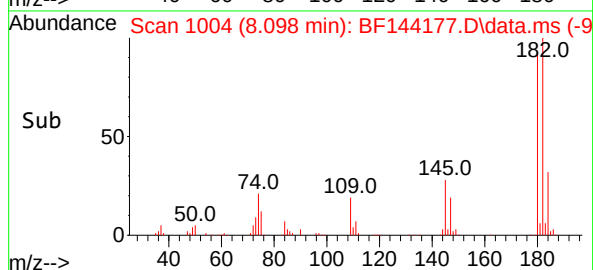
Delta R.T. 0.000 min

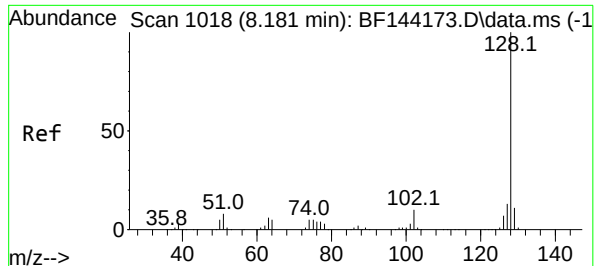
Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



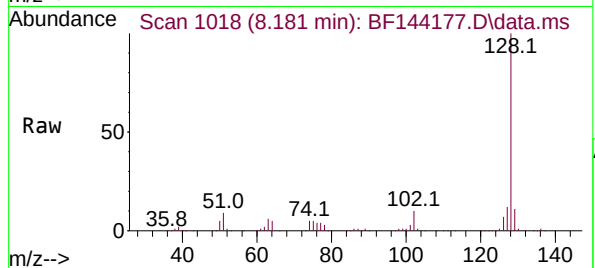
Tgt Ion:180	Resp: 155562
Ion Ratio	Lower Upper
180	100
182	108.9 87.7 131.5
145	30.9 25.4 38.0





#31
Naphthalene
Concen: 34.861 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

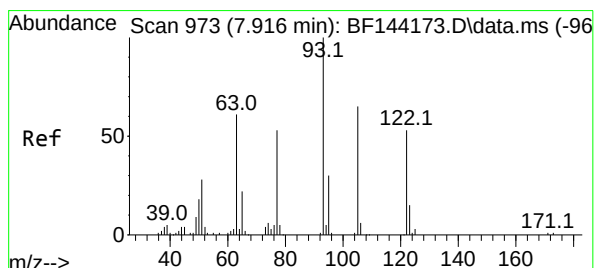
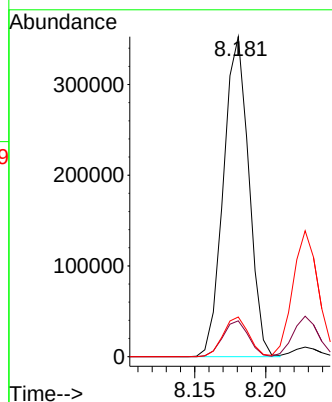
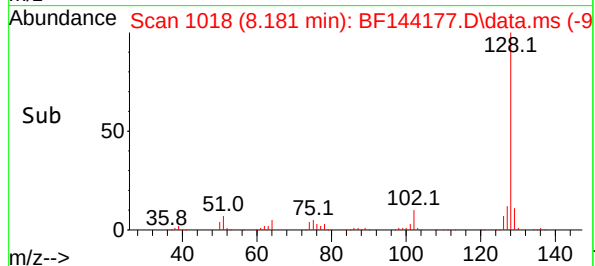
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:128 Resp: 438013
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.4 10.3 15.5

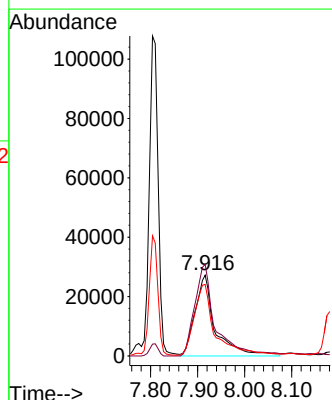
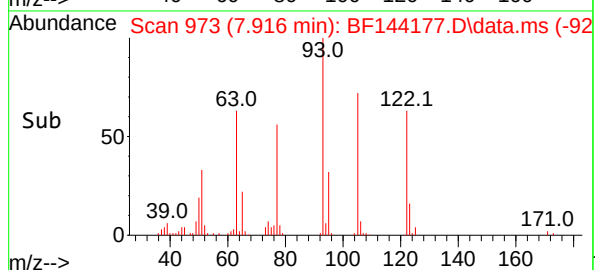
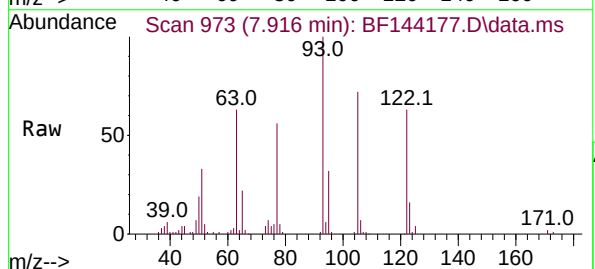
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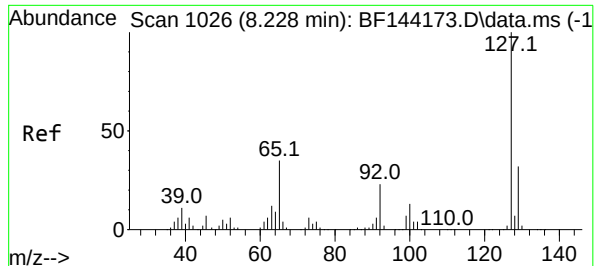
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#32
Benzoic acid
Concen: 30.148 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

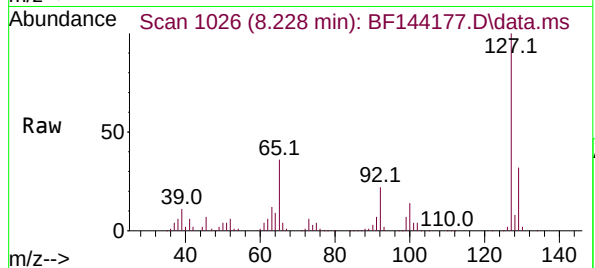
Tgt Ion:122 Resp: 81416
Ion Ratio Lower Upper
122 100
105 113.5 99.9 139.9
77 88.6 77.5 117.5





#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

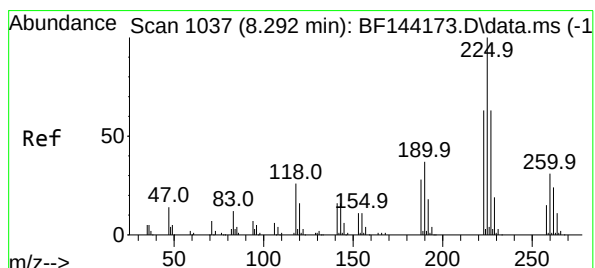
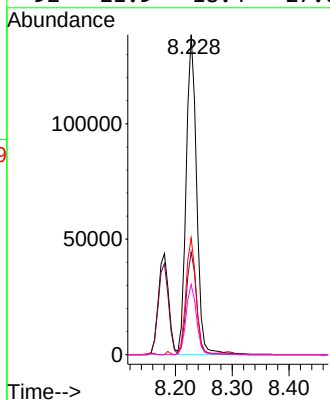
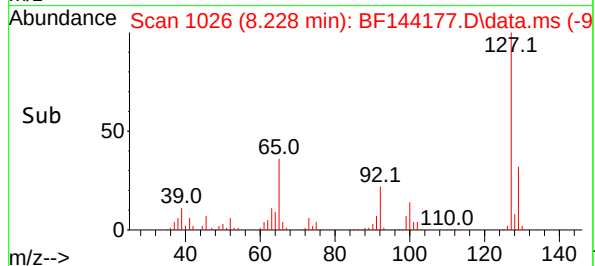
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:127 Resp: 177275
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 36.4 27.6 41.4
92 21.9 18.4 27.6

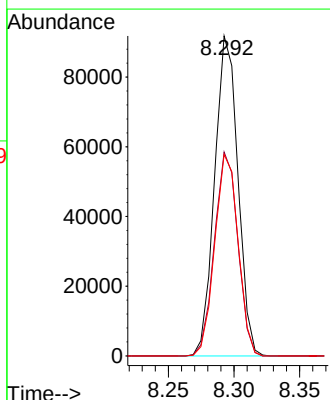
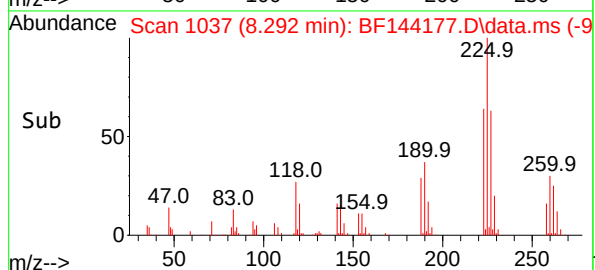
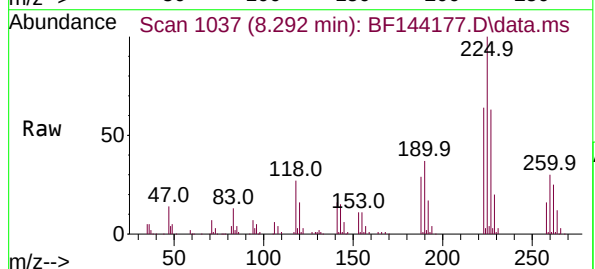
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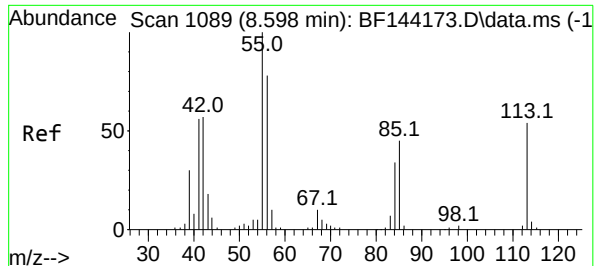
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:225 Resp: 113543
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 62.9 50.1 75.1





#35

Caprolactam

Concen: 33.478 ng

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

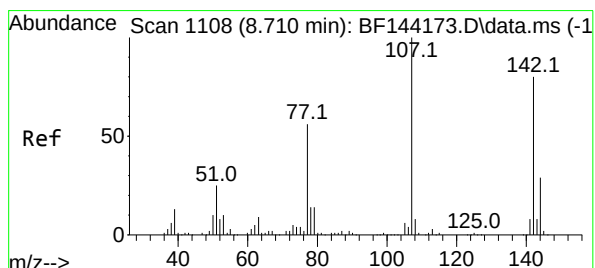
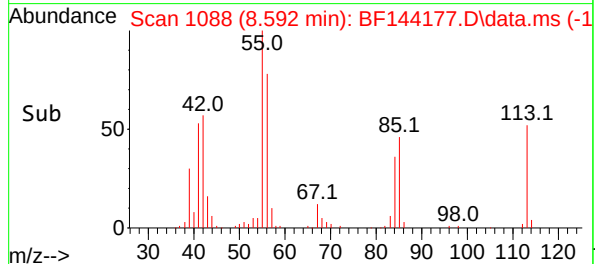
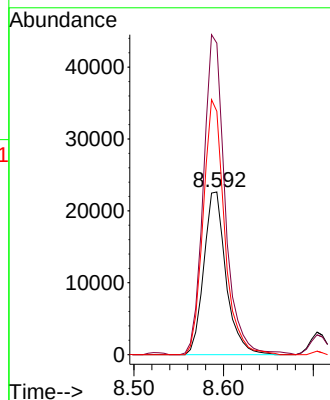
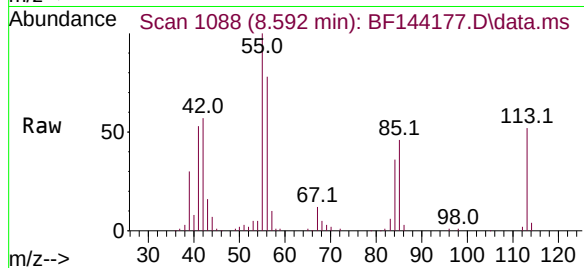
ICVBF110525

Tgt Ion:	113	Resp:	3894
Ion	Ratio	Lower	Upper
113	100		
55	191.5	166.8	206.8
56	149.7	125.9	165.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36

4-Chloro-3-methylphenol

Concen: 34.336 ng

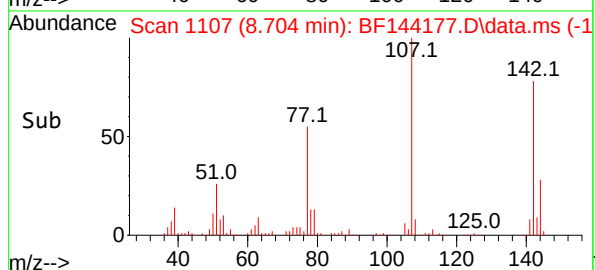
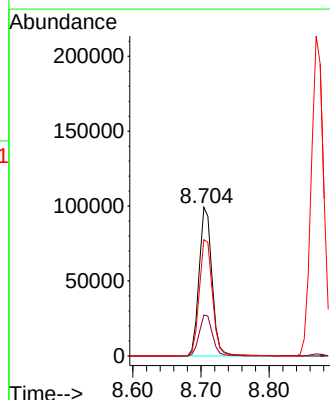
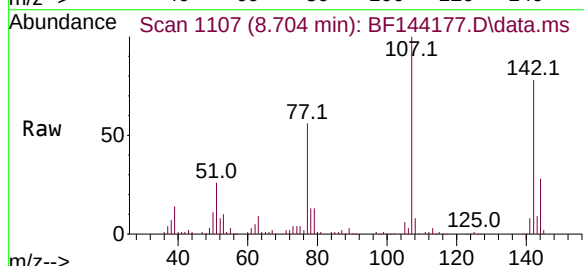
RT: 8.704 min Scan# 1107

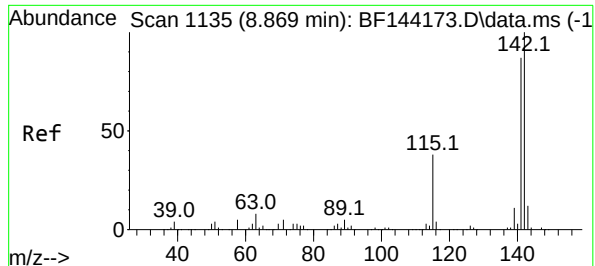
Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:	107	Resp:	130667
Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.3	34.9
142	78.3	63.8	95.6





#37

2-Methylnaphthalene

Concen: 31.978 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:142 Resp: 268630

Ion Ratio Lower Upper

142 100

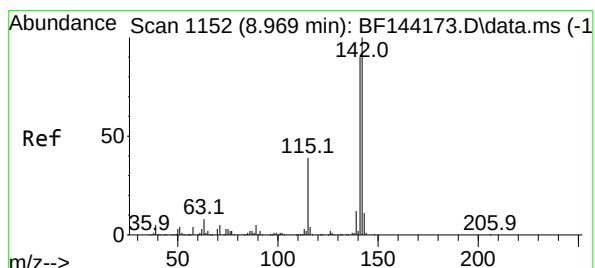
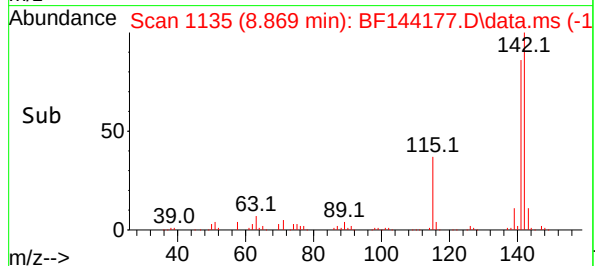
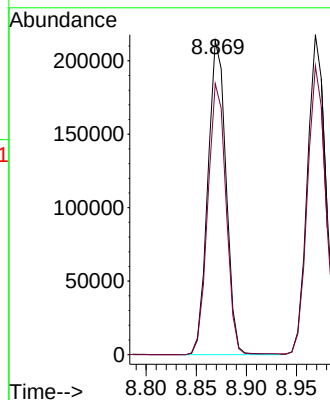
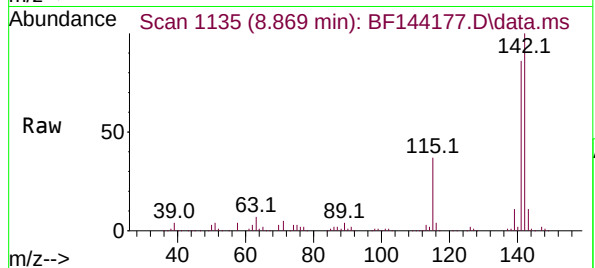
141 86.3 69.9 104.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 33.472 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144177.D

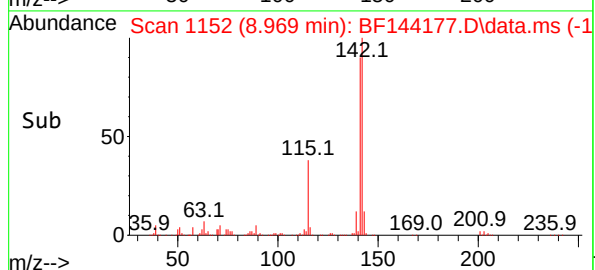
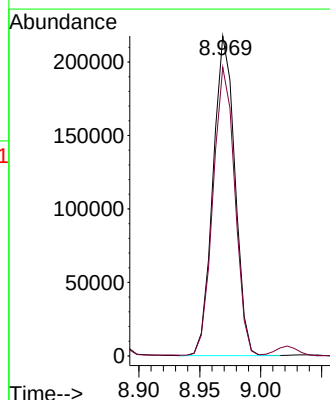
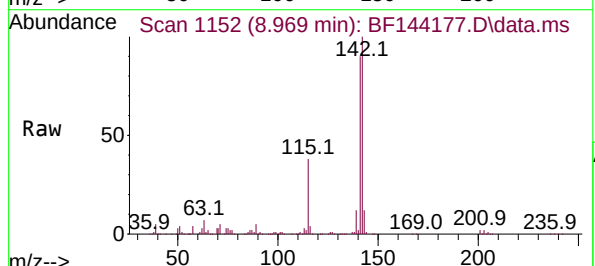
Acq: 05 Nov 2025 17:21

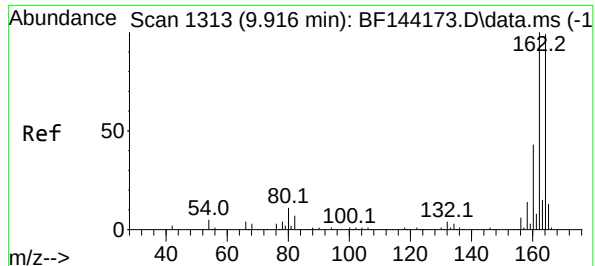
Tgt Ion:142 Resp: 271310

Ion Ratio Lower Upper

142 100

141 90.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144177.D

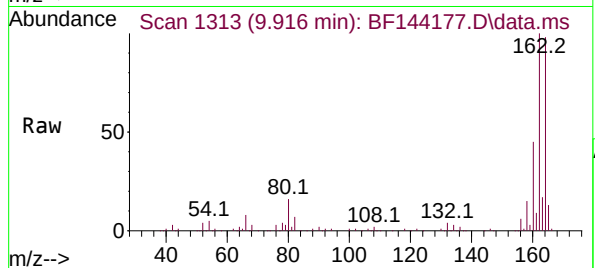
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:164 Resp: 14380

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

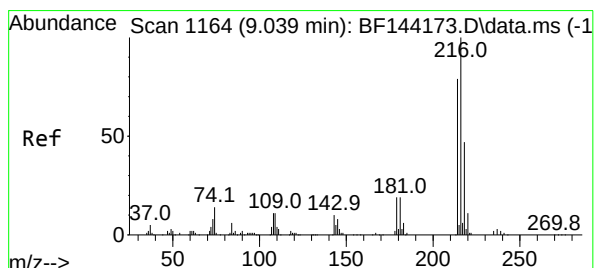
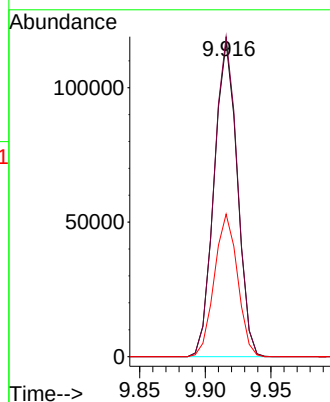
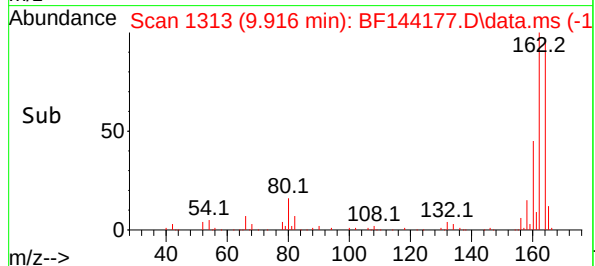
160 45.3 34.5 51.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

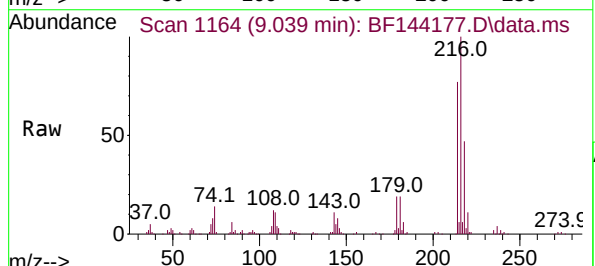
Concen: 36.811 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:216 Resp: 173491

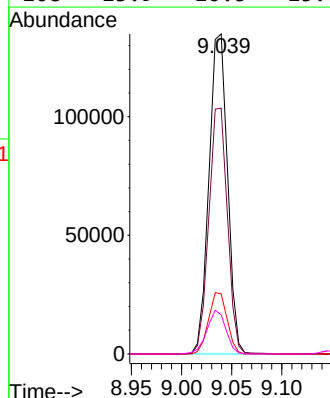
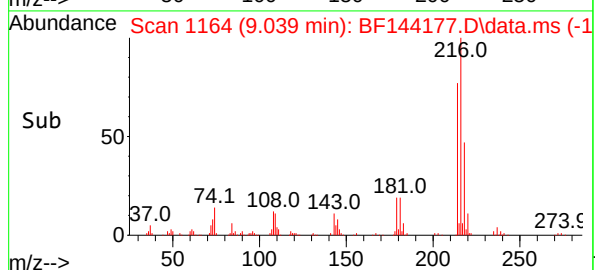
Ion Ratio Lower Upper

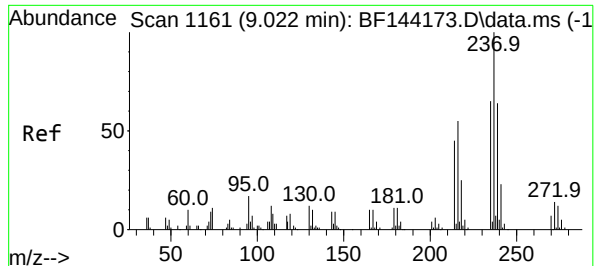
216 100

214 76.8 63.4 95.2

179 19.1 15.0 22.4

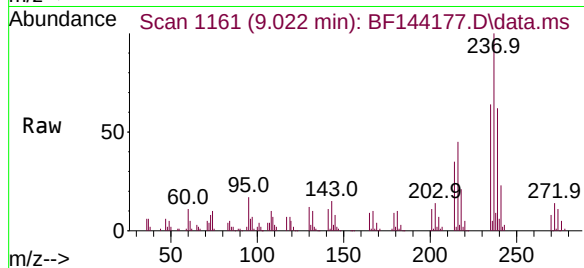
108 13.9 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 46.350 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

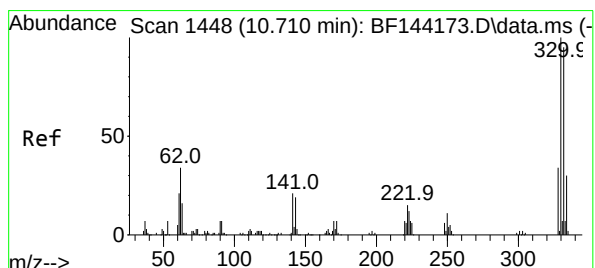
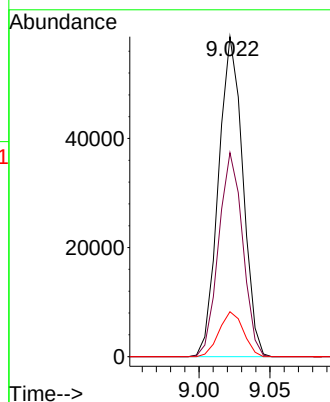
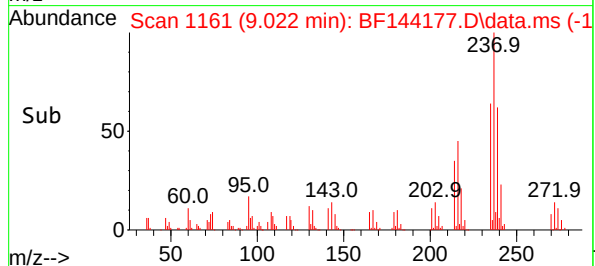
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



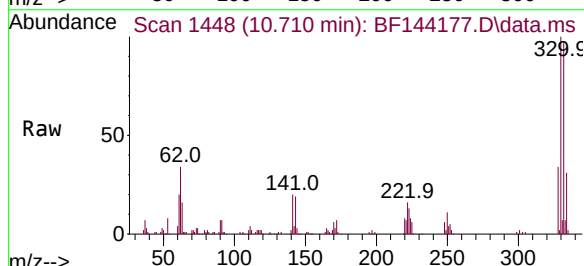
Tgt Ion: 237 Resp: 6998
Ion Ratio Lower Upper
237 100
235 63.7 45.5 85.5
272 14.0 0.0 33.5

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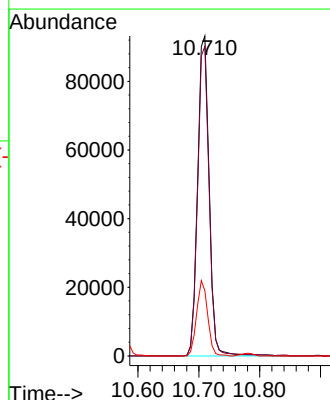
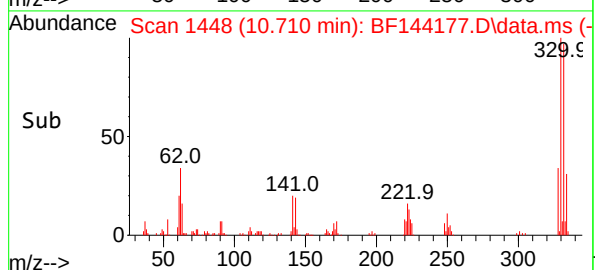
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

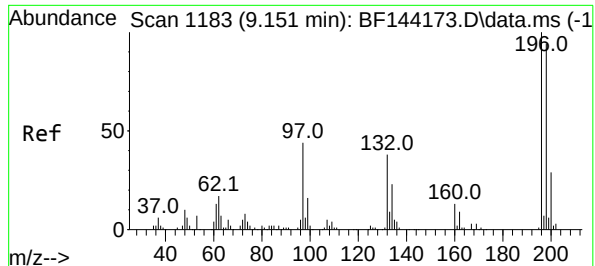


#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion: 330 Resp: 122691
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 22.4 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 35.357 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144177.D

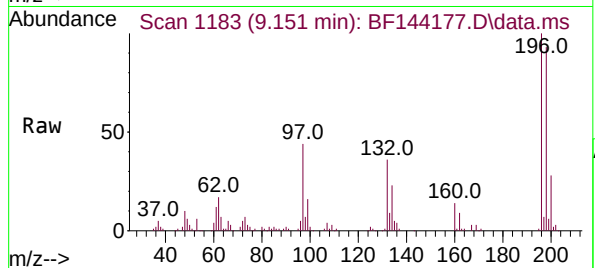
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



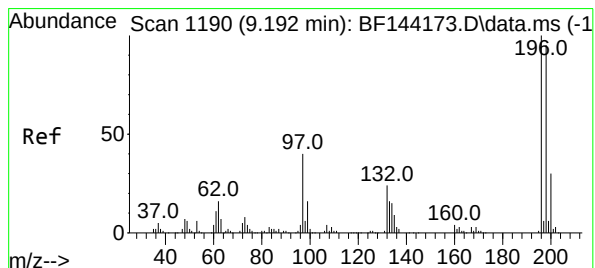
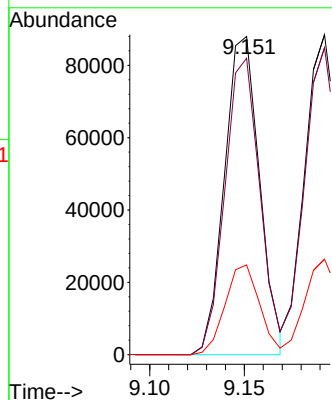
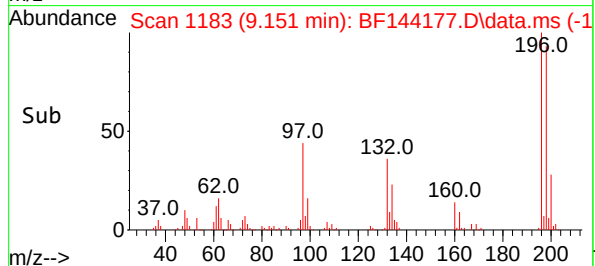
Tgt Ion:196 Resp: 113418
Ion Ratio Lower Upper
196 100
198 93.2 75.3 112.9
200 28.2 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#44

2,4,5-Trichlorophenol

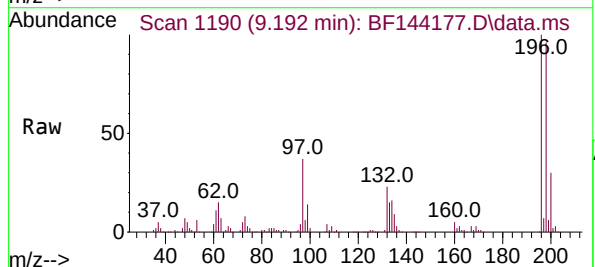
Concen: 35.179 ng

RT: 9.192 min Scan# 1190

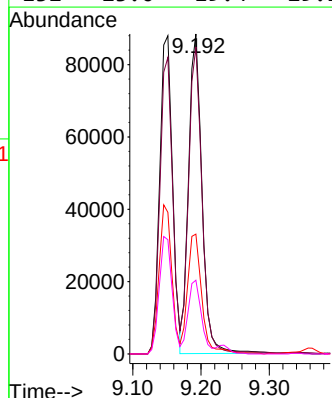
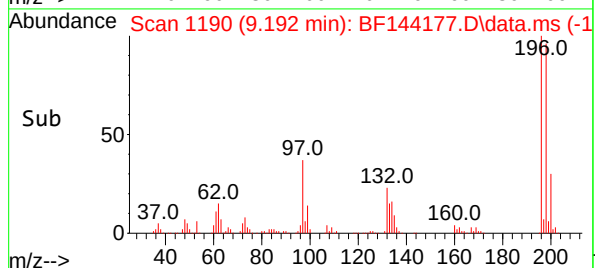
Delta R.T. -0.006 min

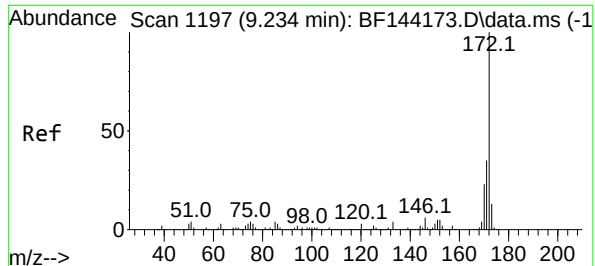
Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:196 Resp: 121621
Ion Ratio Lower Upper
196 100
198 95.9 76.1 114.1
97 37.4 31.9 47.9
132 23.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 69.741 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:172 Resp: 679055

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

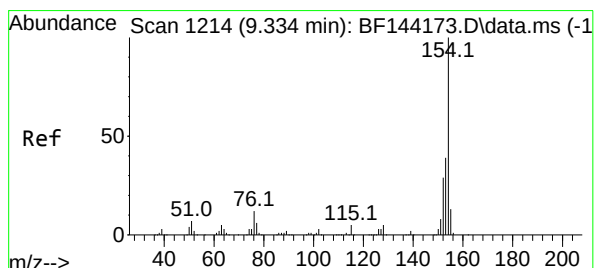
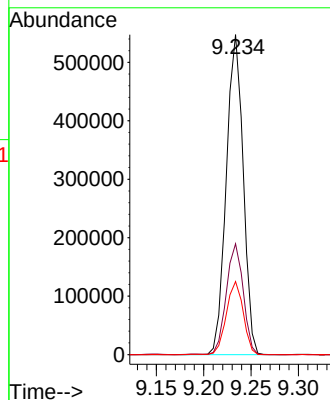
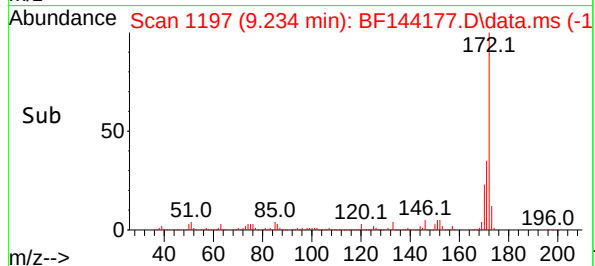
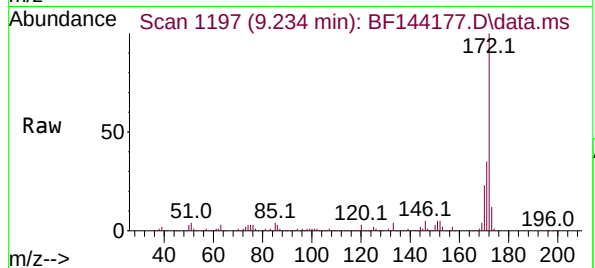
170 22.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#46

1,1'-Biphenyl

Concen: 36.526 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

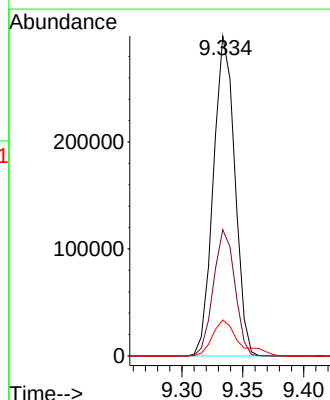
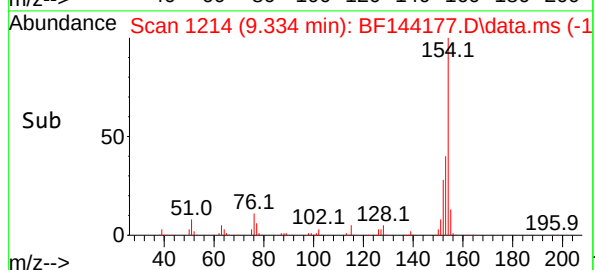
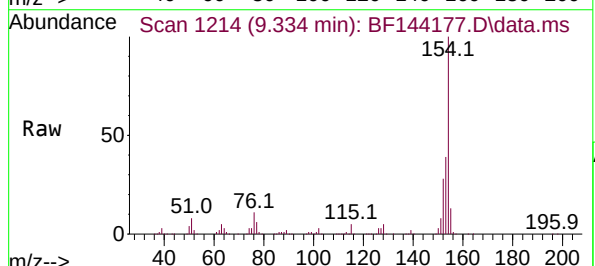
Tgt Ion:154 Resp: 366655

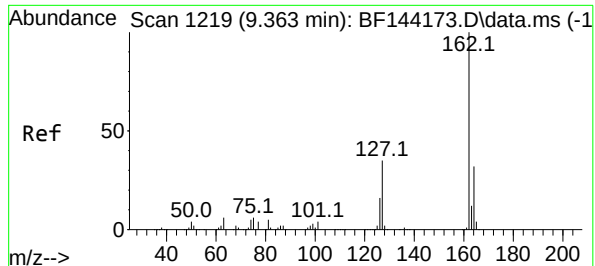
Ion Ratio Lower Upper

154 100

153 39.5 19.2 59.2

76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 35.092 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:162 Resp: 30048

Ion Ratio Lower Upper

162 100

127 35.5 28.8 43.2

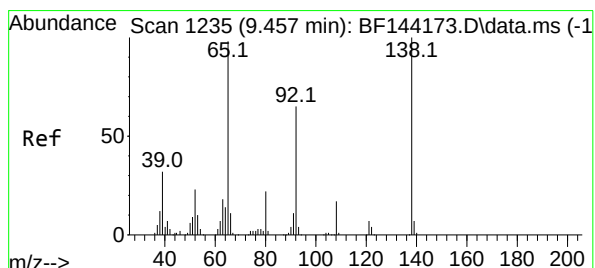
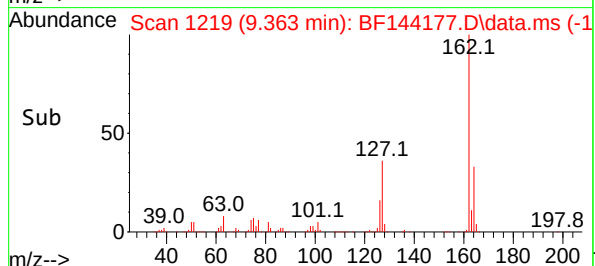
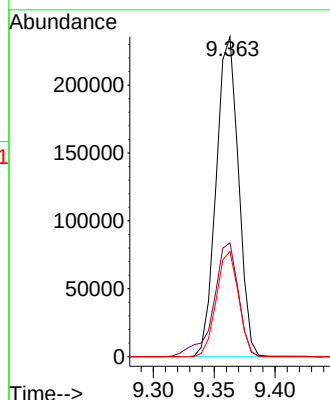
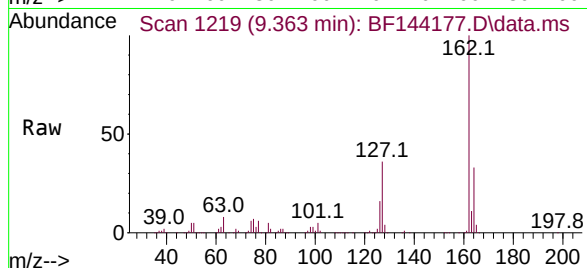
164 32.8 25.8 38.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#48

2-Nitroaniline

Concen: 35.641 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

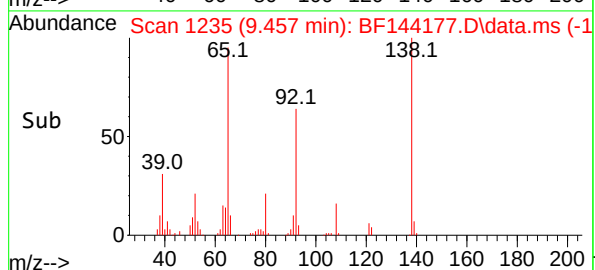
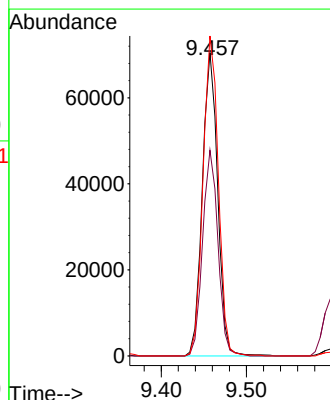
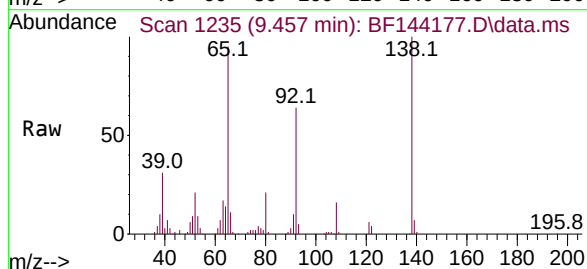
Tgt Ion: 65 Resp: 88055

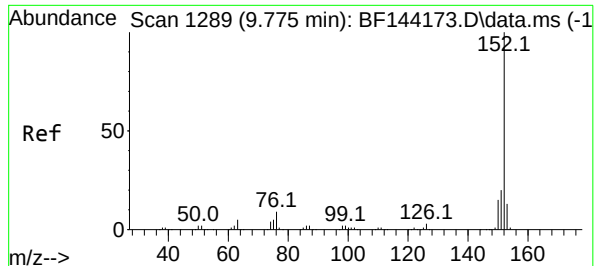
Ion Ratio Lower Upper

65 100

92 67.8 53.0 79.6

138 105.5 81.6 122.4





#49

Acenaphthylene

Concen: 39.818 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:152 Resp: 464616

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

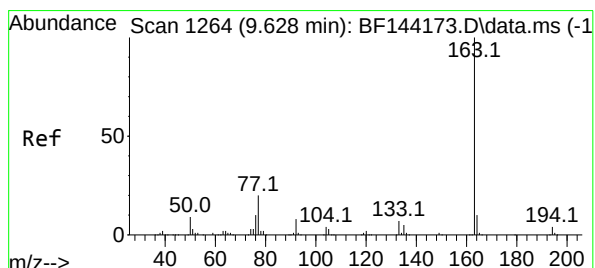
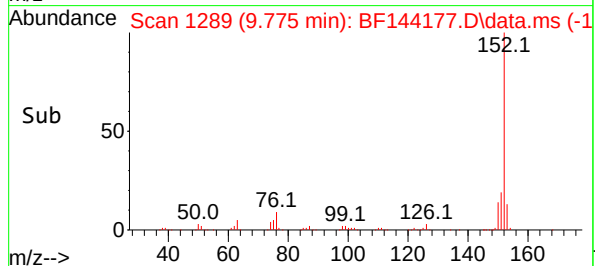
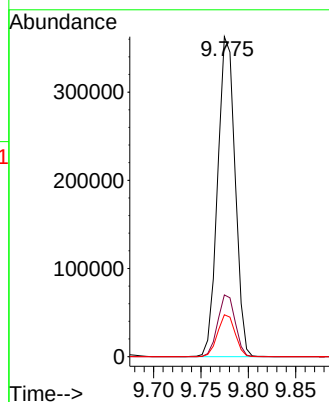
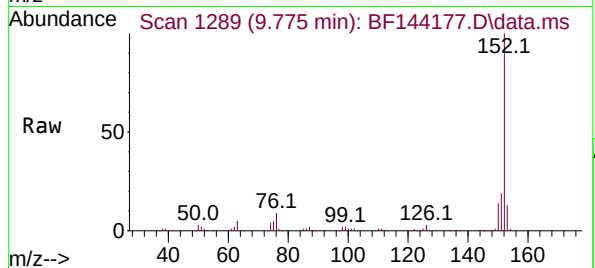
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#50

Dimethylphthalate

Concen: 35.076 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

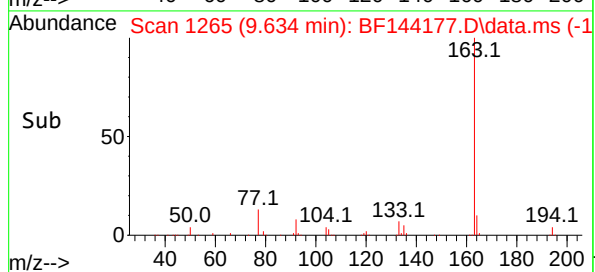
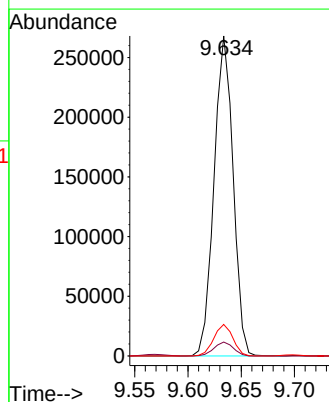
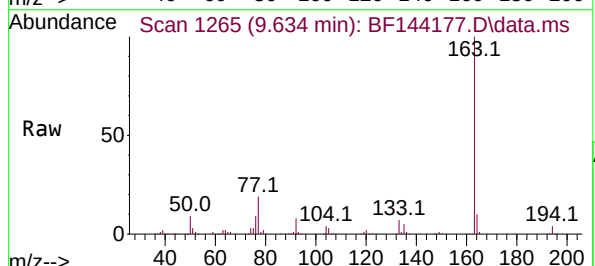
Tgt Ion:163 Resp: 334163

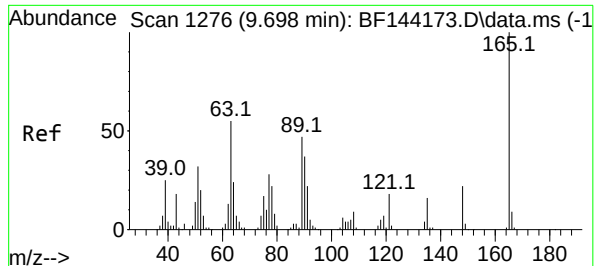
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

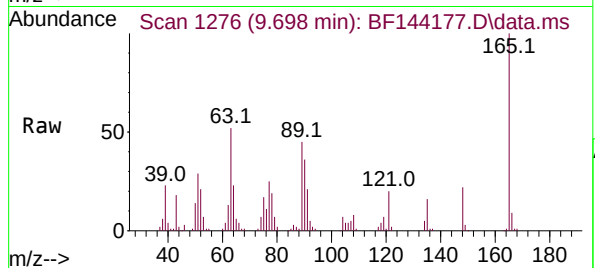
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 36.758 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

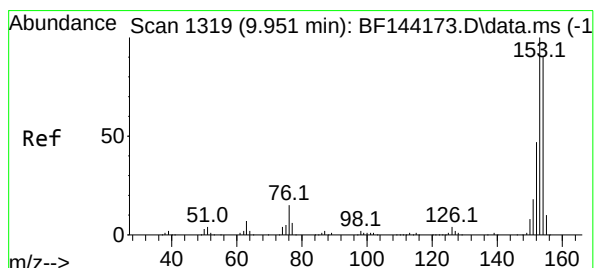
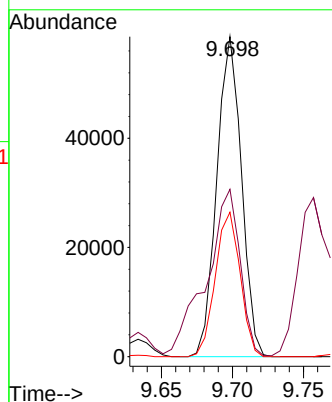
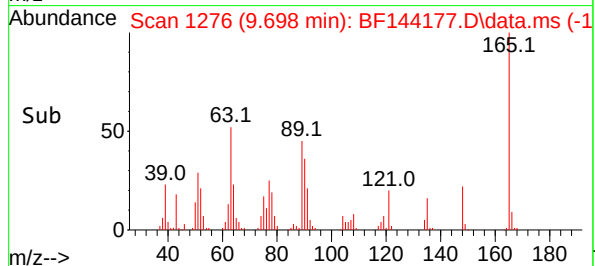
Instrument :
BNA_F
Client Sample Id :
ICVBF110525



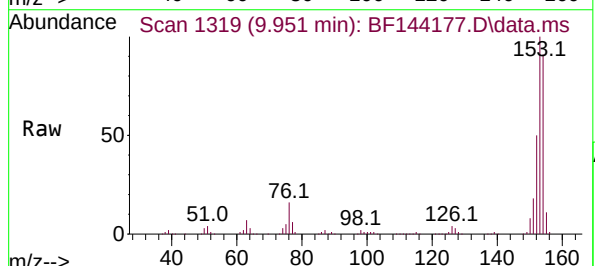
Tgt Ion:165 Resp: 70890
Ion Ratio Lower Upper
165 100
63 52.3 43.8 65.8
89 45.1 37.5 56.3

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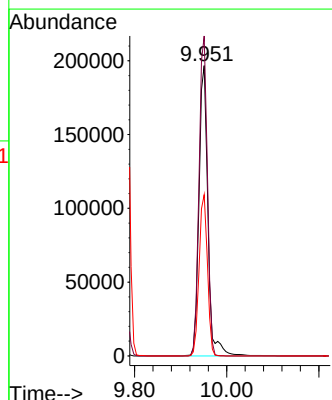
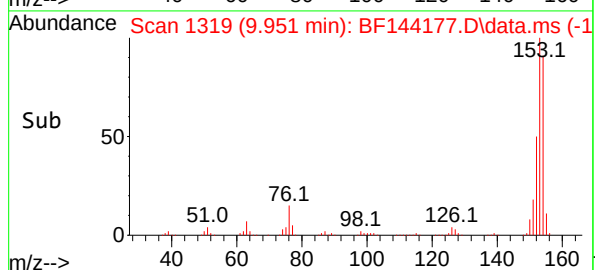
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

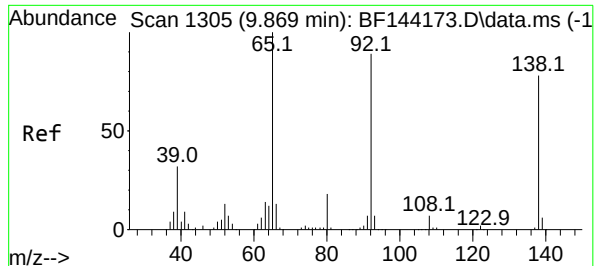


#52
Acenaphthene
Concen: 33.702 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:154 Resp: 262974
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 55.5 42.2 63.4





#53

3-Nitroaniline

Concen: 35.372 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

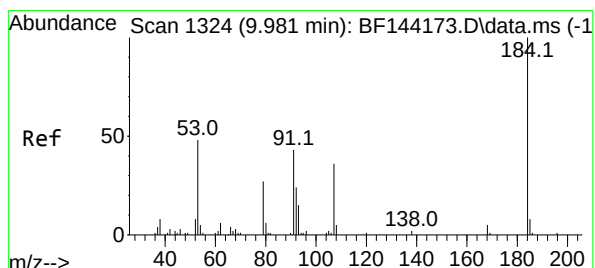
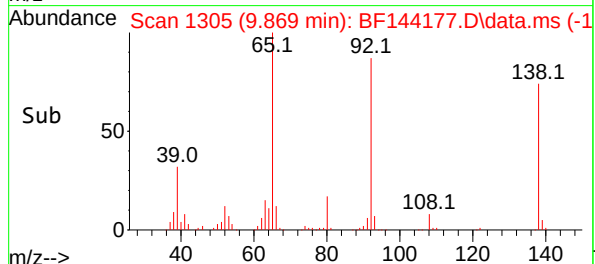
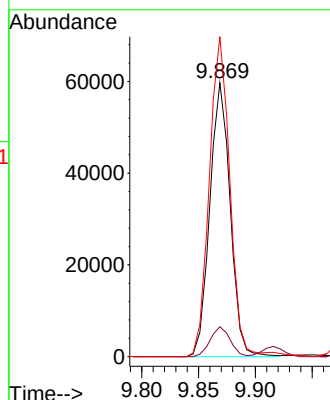
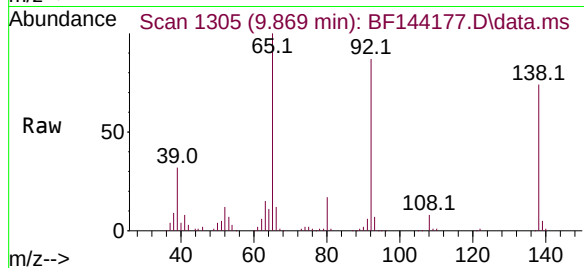
ICVBF110525

Tgt Ion:	138	Resp:	74572
Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.5	11.3
92	116.8	91.8	137.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#54

2,4-Dinitrophenol

Concen: 28.732 ng

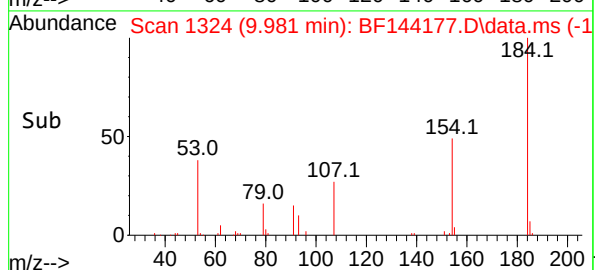
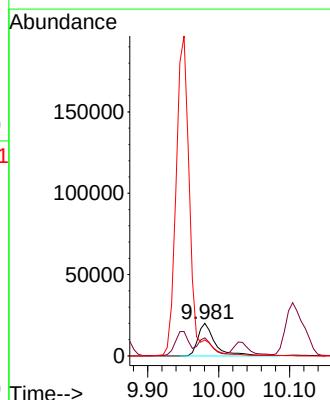
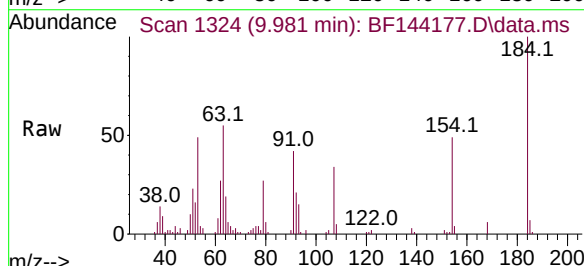
RT: 9.981 min Scan# 1324

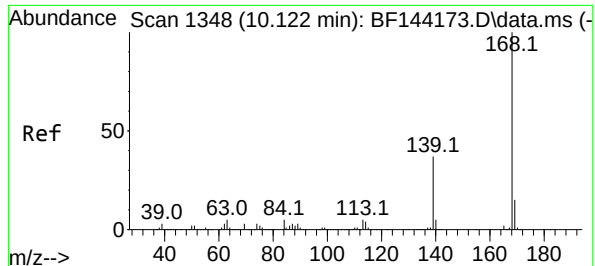
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

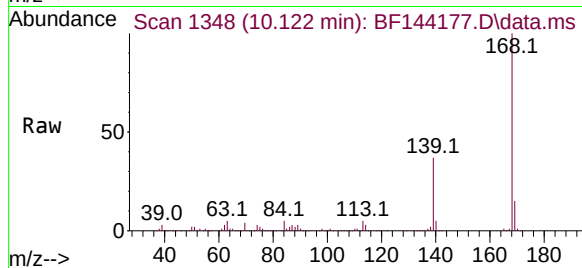
Tgt Ion:	184	Resp:	33460
Ion	Ratio	Lower	Upper
184	100		
63	55.3	44.0	66.0
154	48.9	42.4	63.6





#55
Dibenzenofuran
Concen: 35.602 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

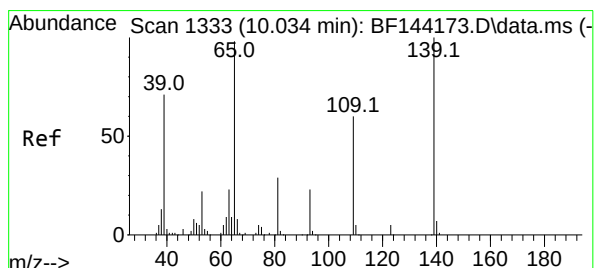
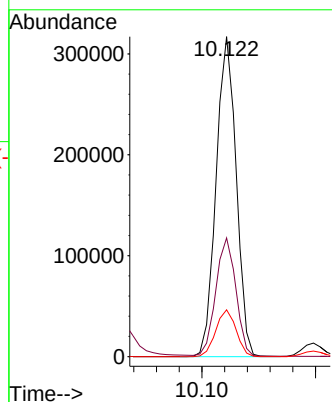
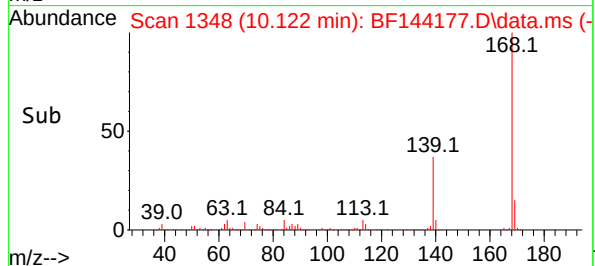
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:168 Resp: 389072
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 14.6 12.2 18.4

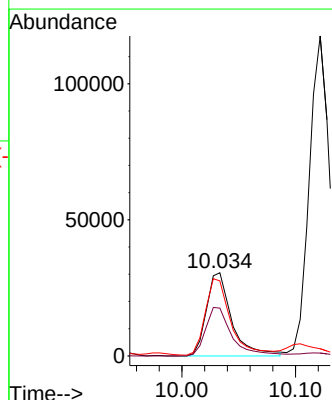
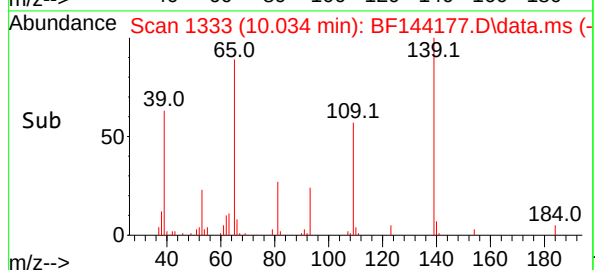
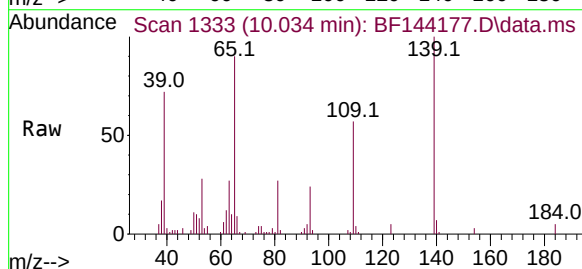
Manual Integrations
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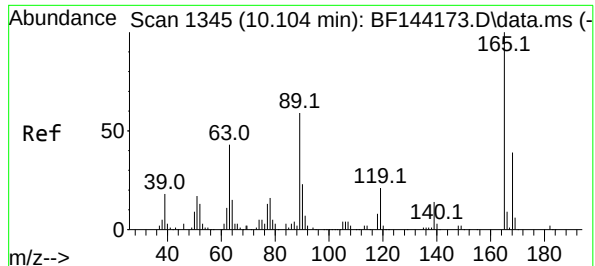
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#56
4-Nitrophenol
Concen: 30.929 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

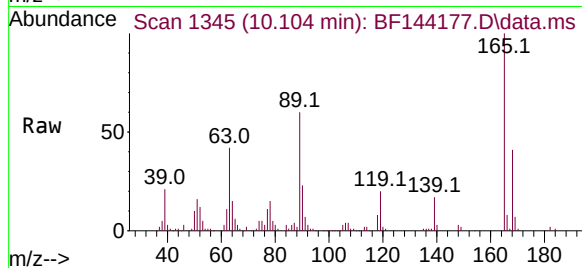
Tgt Ion:139 Resp: 47167
Ion Ratio Lower Upper
139 100
109 57.5 39.9 79.9
65 90.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 35.994 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

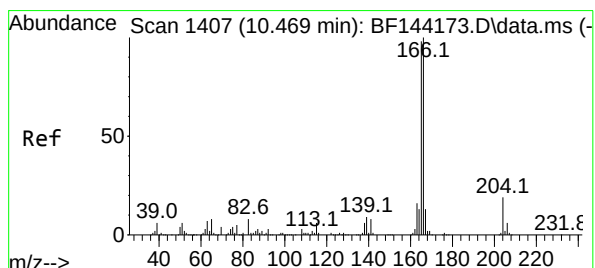
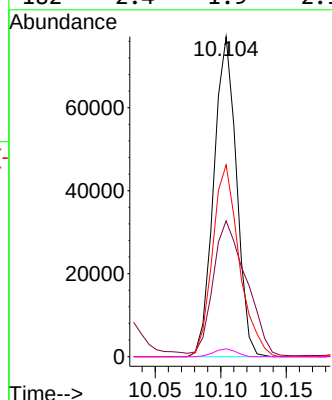
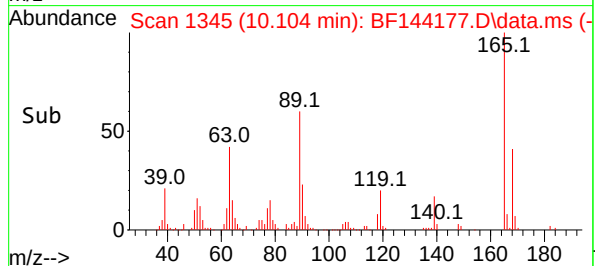
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



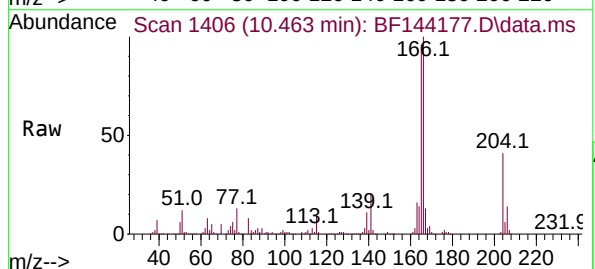
Tgt Ion:165 Resp: 92928
Ion Ratio Lower Upper
165 100
63 42.4 35.5 53.3
89 59.9 47.4 71.2
182 2.4 1.9 2.9

Manual Integrations
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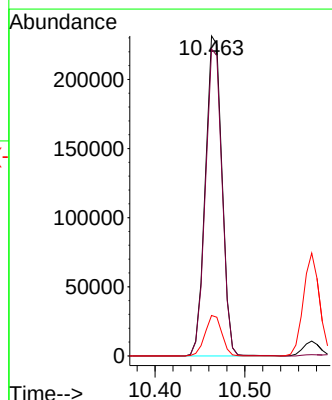
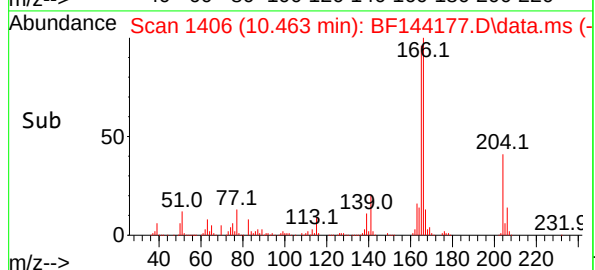
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

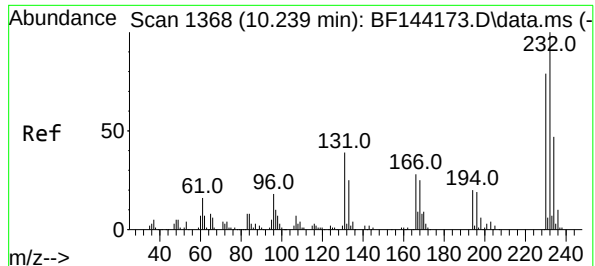


#58
Fluorene
Concen: 35.903 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:166 Resp: 298316
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 12.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.425 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

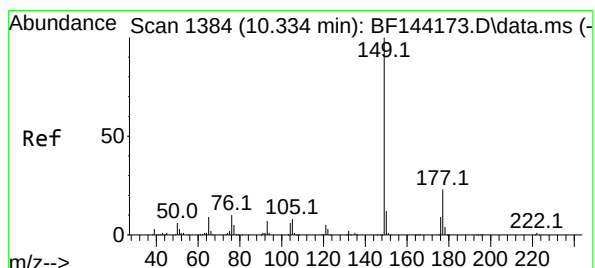
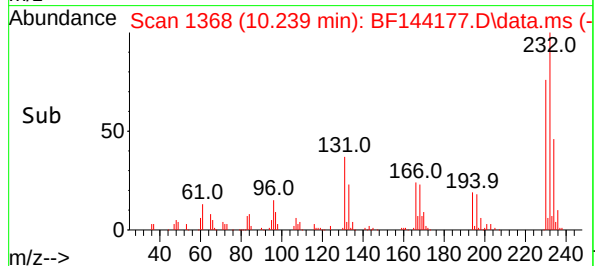
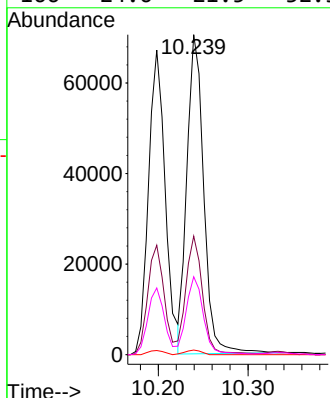
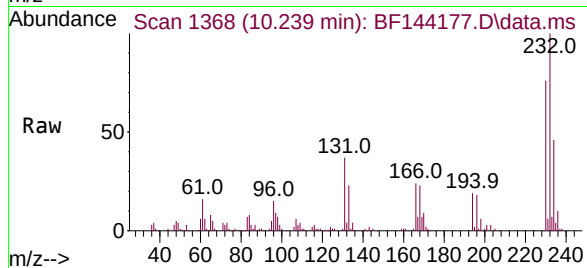
ICVBF110525

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.3	45.5
130	1.4	1.2	1.8
166	24.6	21.5	32.3

Manual Integrations

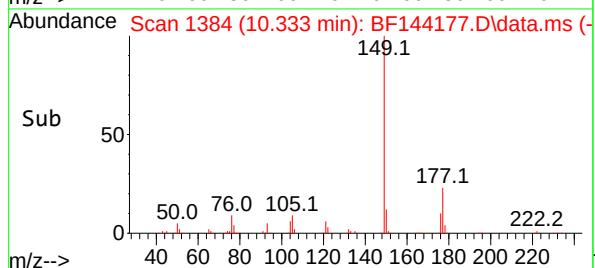
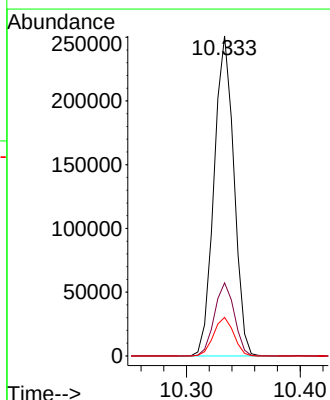
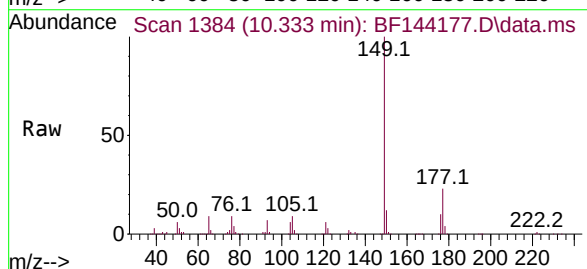
APPROVED

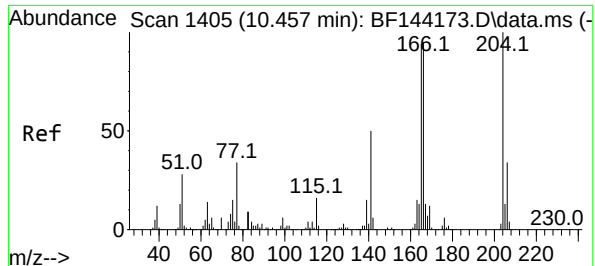
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#60
Diethylphthalate
Concen: 34.646 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

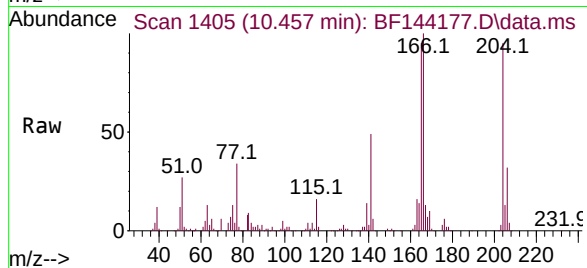
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.0	9.8	14.6





#61
4-Chlorophenyl-phenylether
Concen: 35.002 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

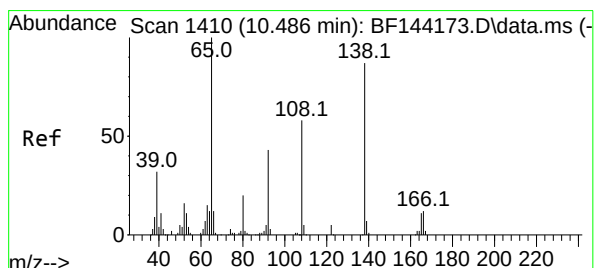
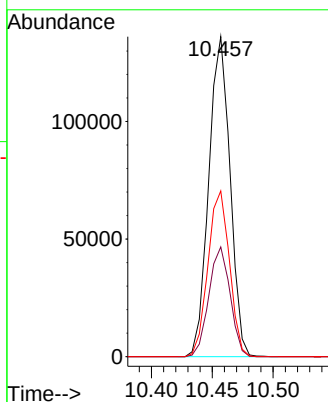
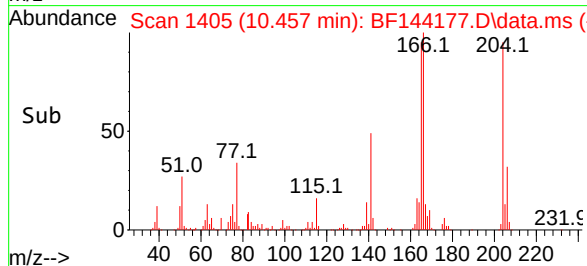
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:204 Resp: 165662
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 51.8 40.0 60.0

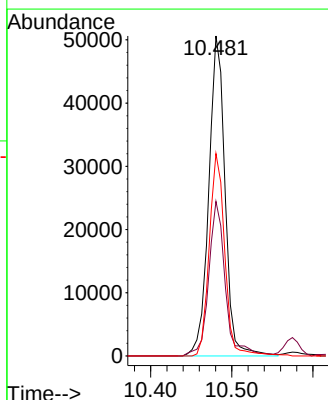
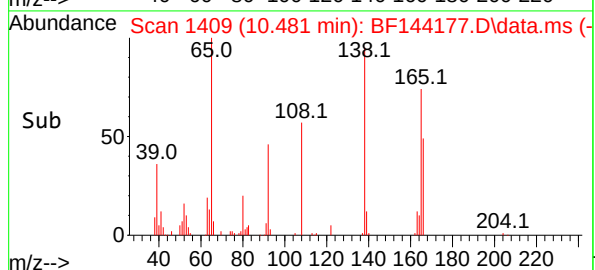
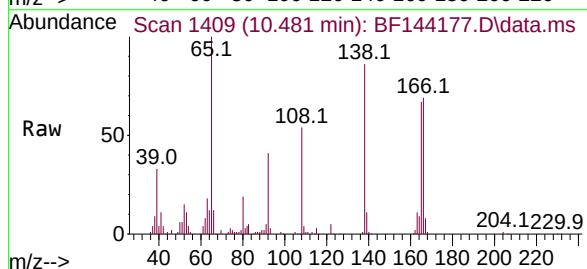
Manual Integrations
APPROVED

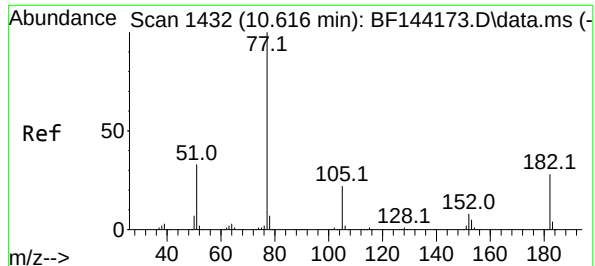
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#62
4-Nitroaniline
Concen: 35.278 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

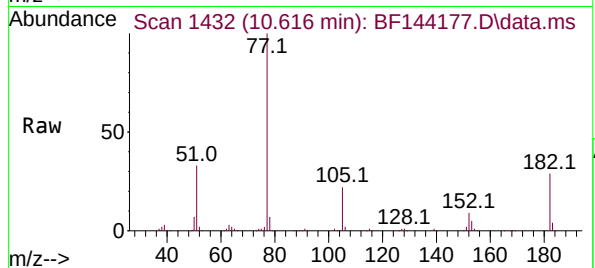
Tgt Ion:138 Resp: 70828
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 63.2 46.4 86.4





#63
Azobenzene
Concen: 35.958 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

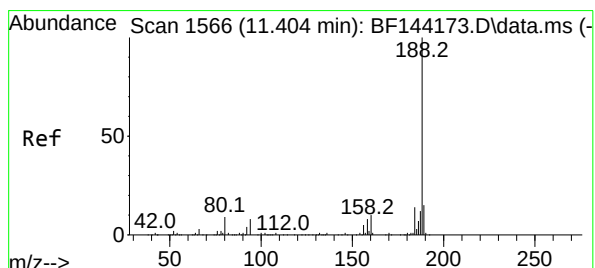
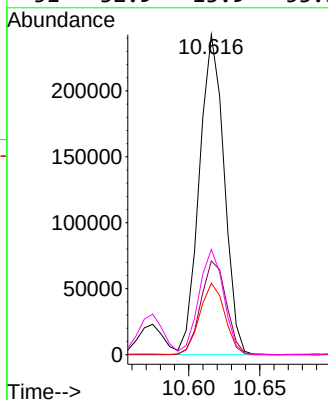
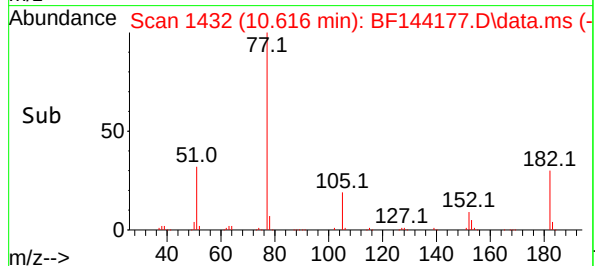
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 77 Resp: 293901
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 22.3 2.0 42.0
51 32.9 13.9 53.9

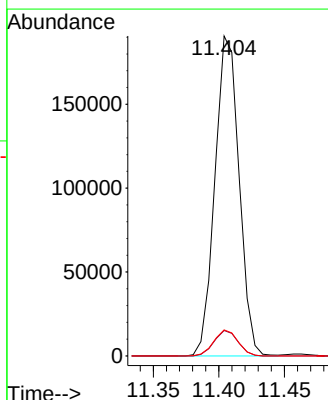
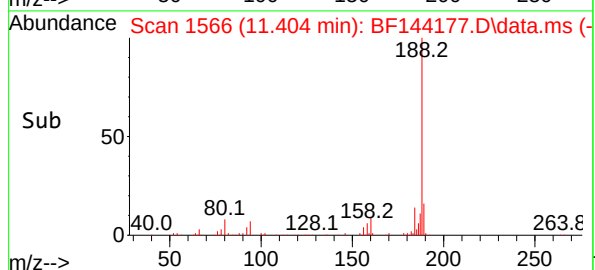
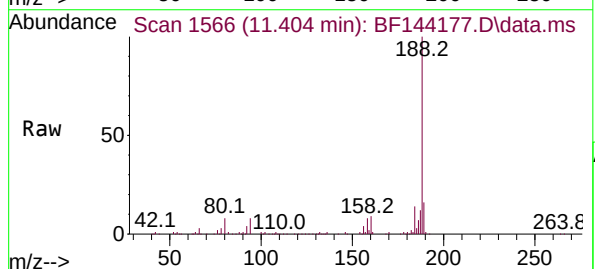
Manual Integrations
APPROVED

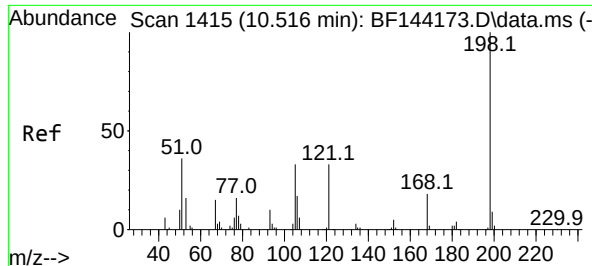
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

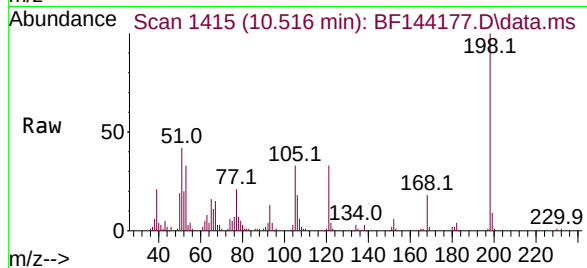
Tgt Ion:188 Resp: 244964
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 31.346 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

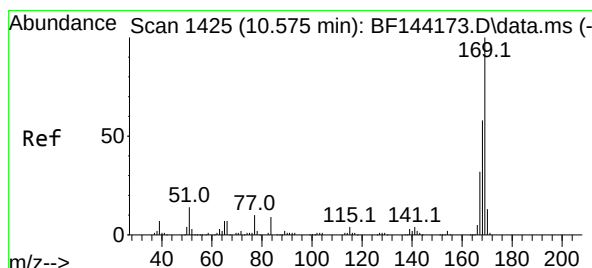
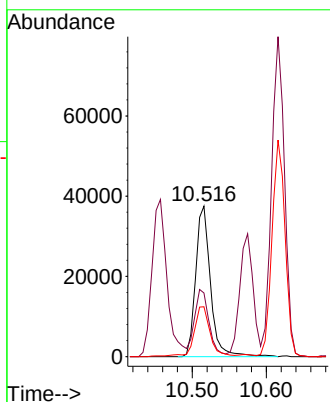
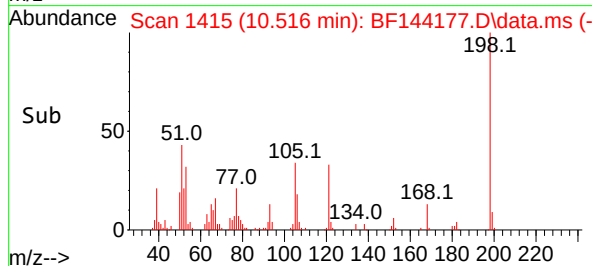
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



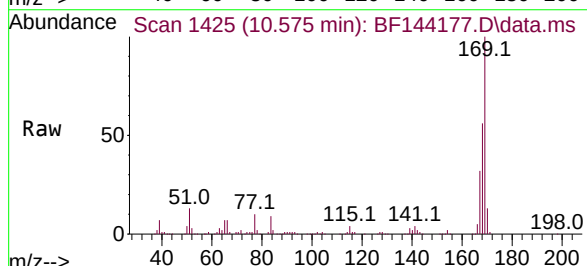
Tgt Ion:198 Resp: 52164
Ion Ratio Lower Upper
198 100
51 42.3 25.6 65.6
105 33.1 14.6 54.6

Manual Integrations
APPROVED

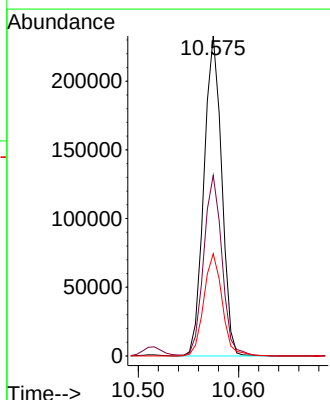
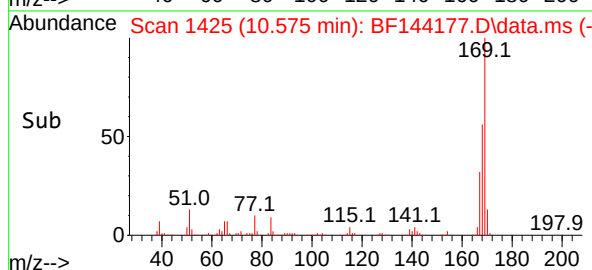
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

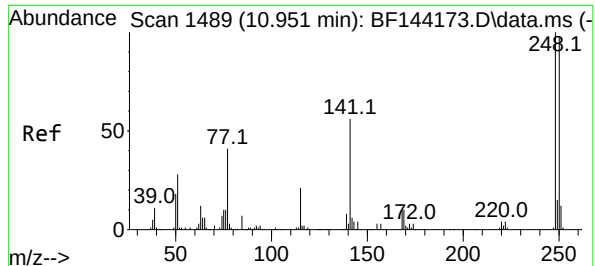


#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:169 Resp: 285930
Ion Ratio Lower Upper
169 100
168 56.4 46.2 69.2
167 31.9 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 34.135 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

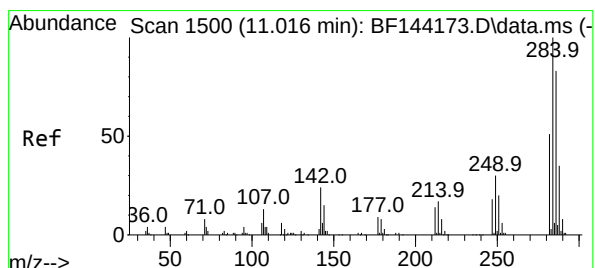
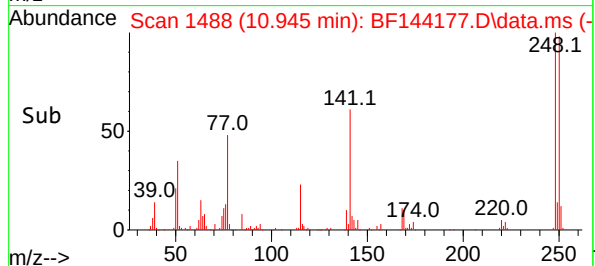
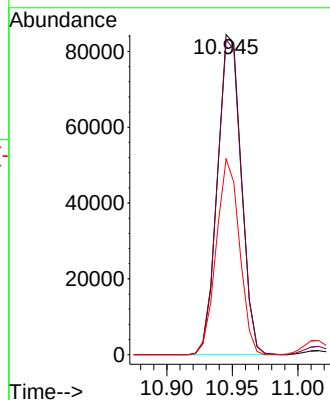
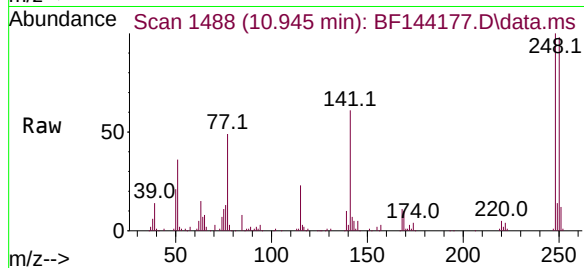
ICVBF110525

Tgt Ion:248 Resp: 106730
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 61.1 45.1 67.7

Manual Integrations

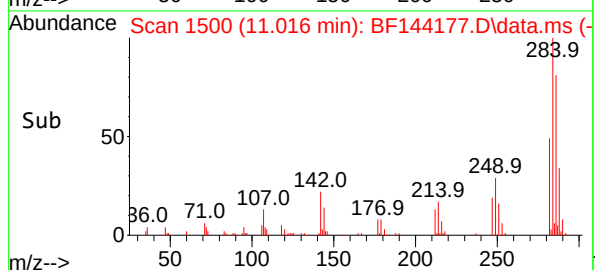
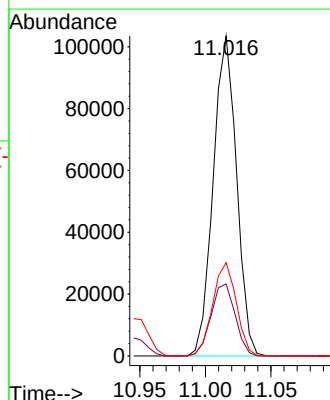
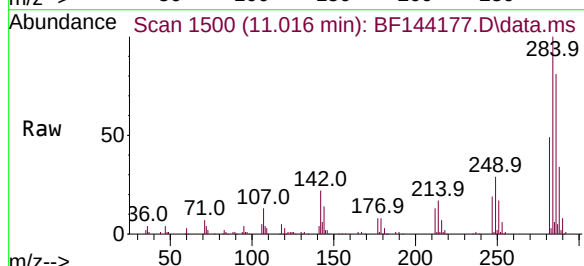
APPROVED

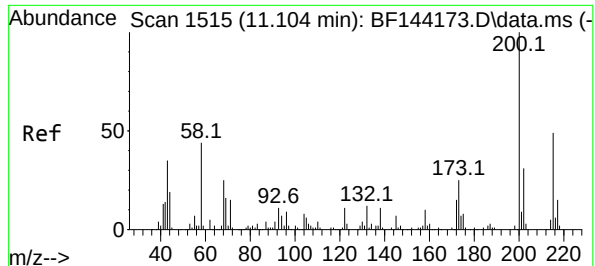
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#68
Hexachlorobenzene
Concen: 34.810 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:284 Resp: 128202
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 36.790 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:200 Resp: 92182

Ion Ratio Lower Upper

200 100

173 27.7 5.0 45.0

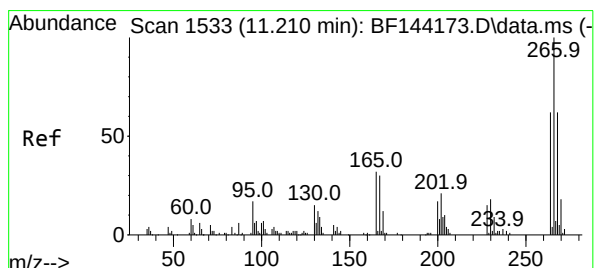
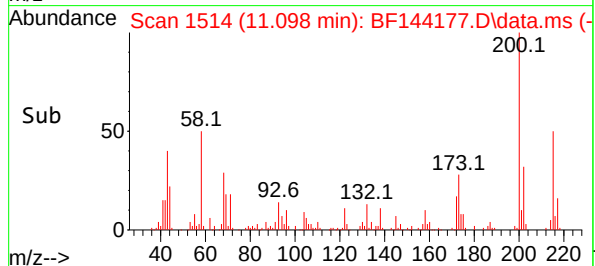
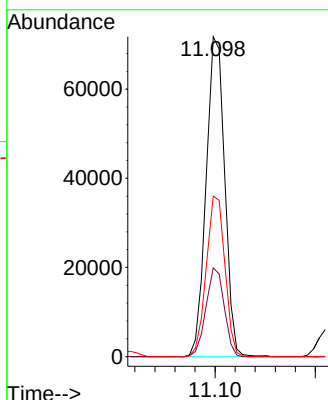
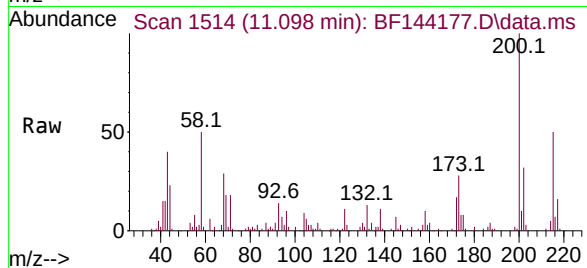
215 50.2 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#70

Pentachlorophenol

Concen: 32.706 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

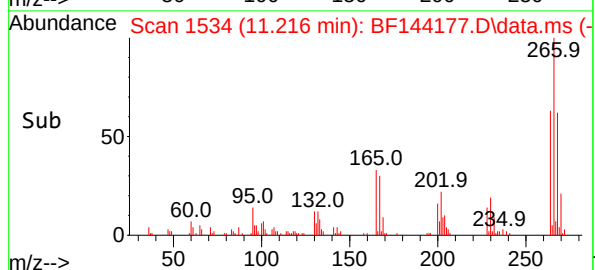
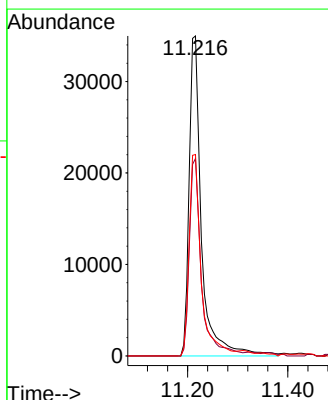
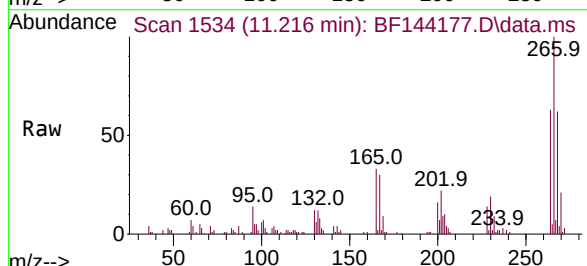
Tgt Ion:266 Resp: 59981

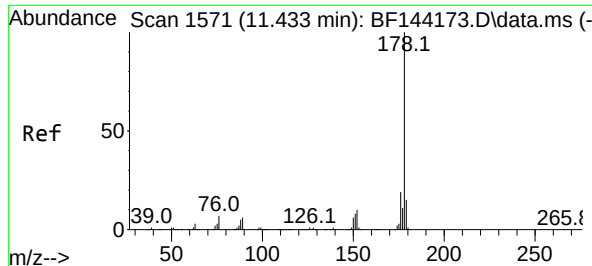
Ion Ratio Lower Upper

266 100

268 61.7 49.5 74.3

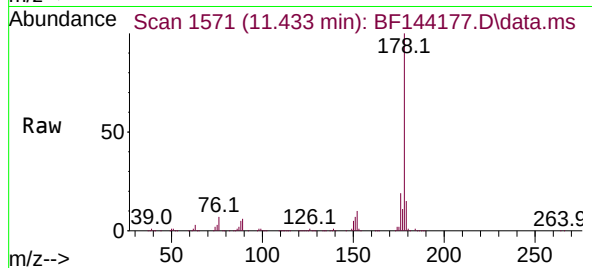
264 62.9 49.4 74.2





#71
Phenanthrene
Concen: 35.049 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

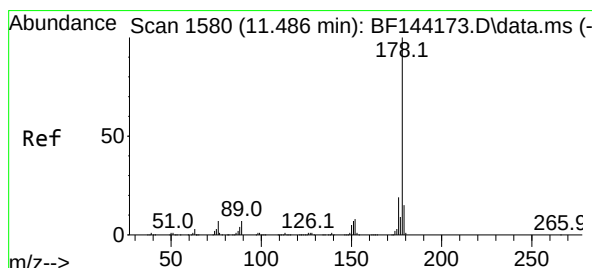
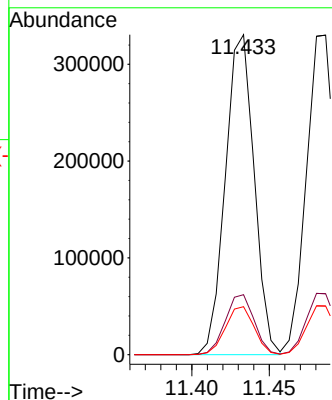
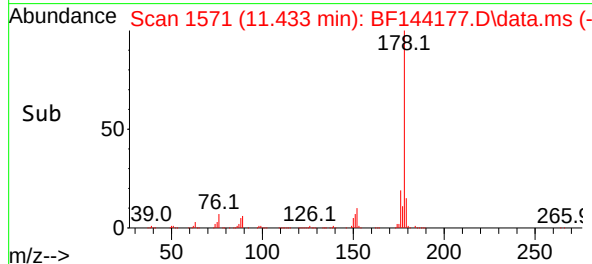
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:178 Resp: 427466
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.0 12.2 18.4

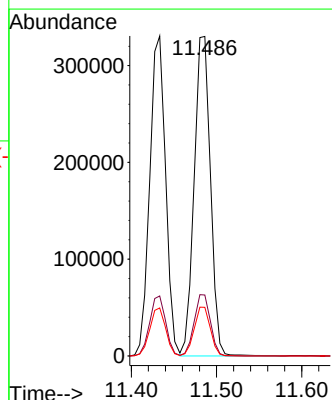
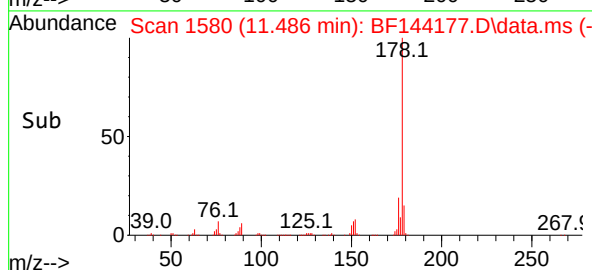
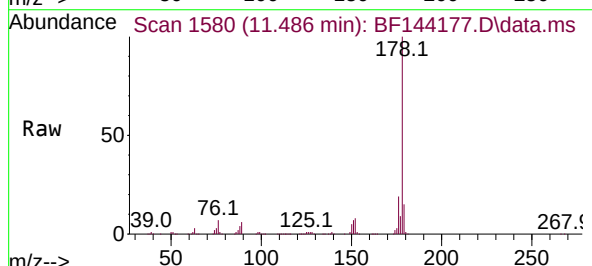
Manual Integrations
APPROVED

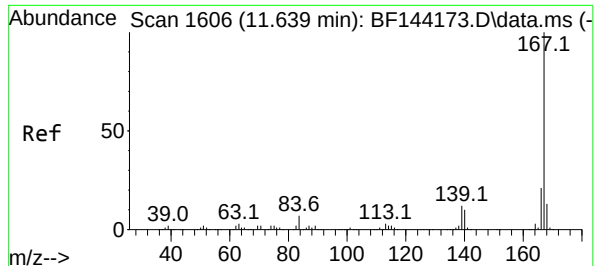
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#72
Anthracene
Concen: 35.286 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

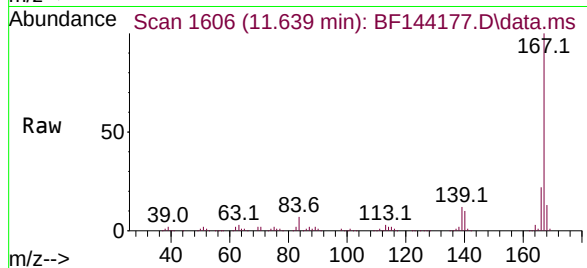
Tgt Ion:178 Resp: 437609
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.0 18.0





#73
Carbazole
Concen: 34.224 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

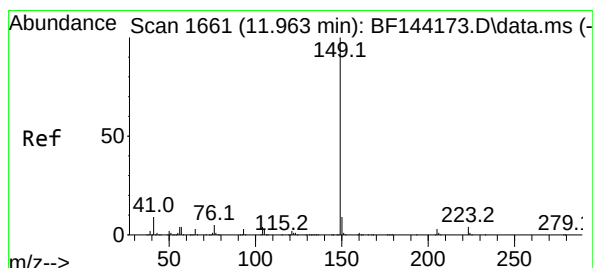
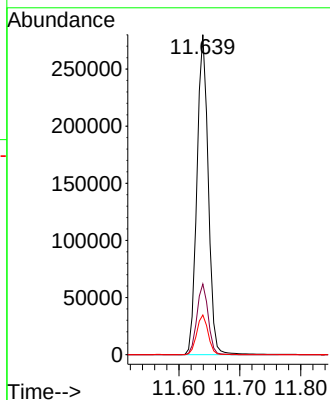
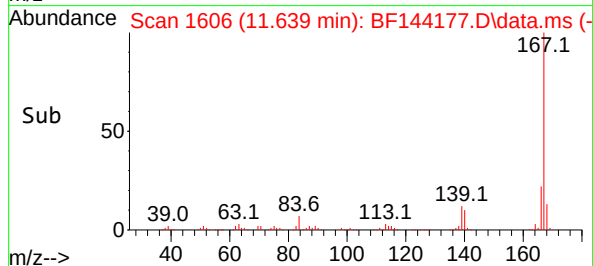
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:167 Resp: 360909
Ion Ratio Lower Upper
167 100
166 22.1 17.2 25.8
139 12.4 9.9 14.9

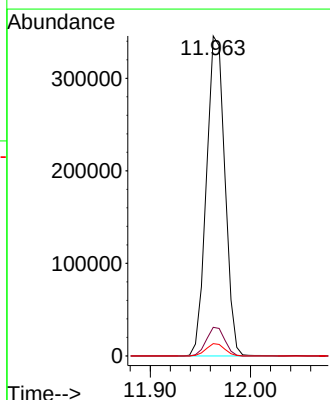
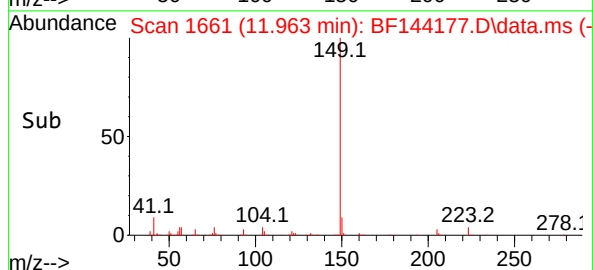
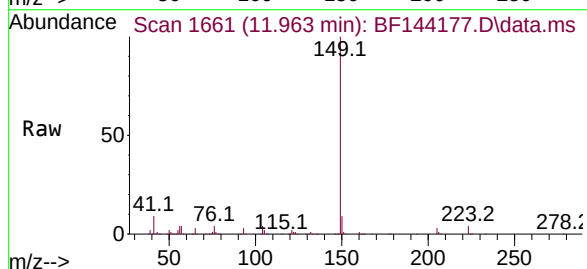
Manual Integrations
APPROVED

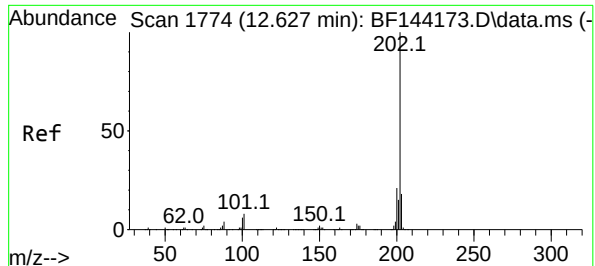
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#74
Di-n-butylphthalate
Concen: 34.535 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

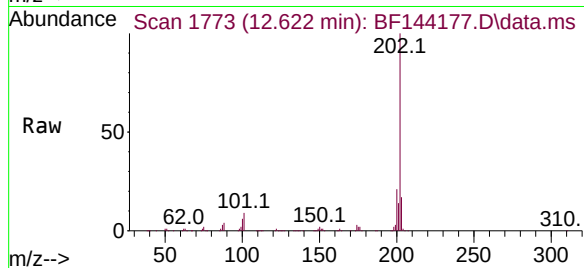
Tgt Ion:149 Resp: 440261
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 3.8 3.4 5.2





#75
Fluoranthene
Concen: 34.338 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

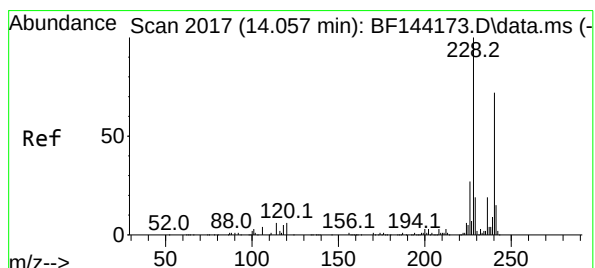
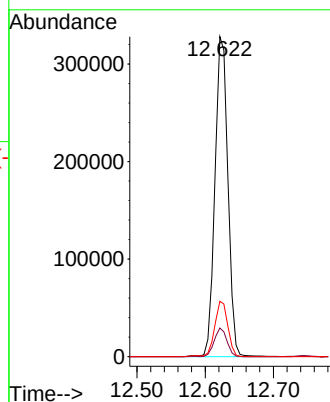
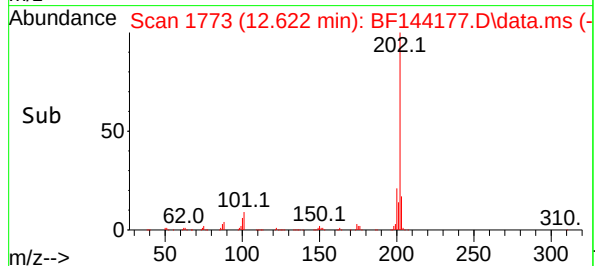
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:202 Resp: 432624
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.3 0.0 37.5

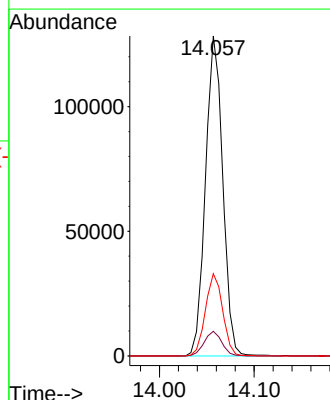
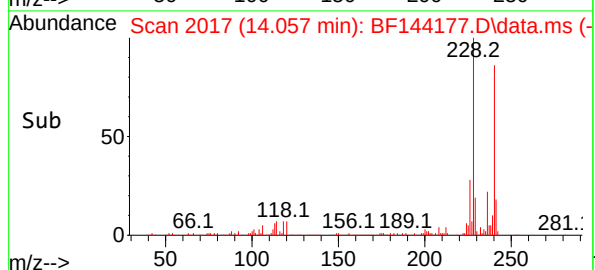
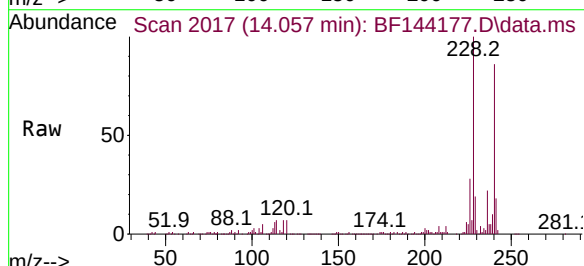
Manual Integrations
APPROVED

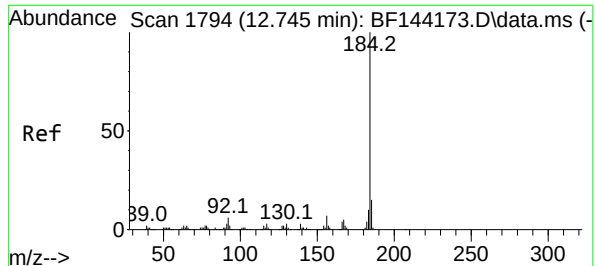
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

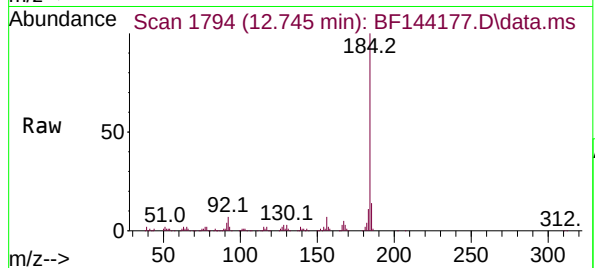
Tgt Ion:240 Resp: 162721
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.7 21.4 32.2





#77
Benzidine
Concen: 45.165 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

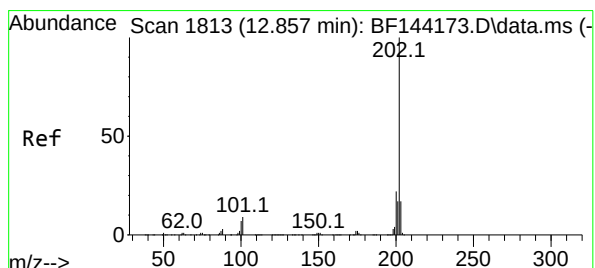
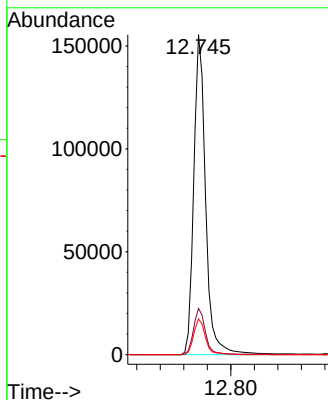
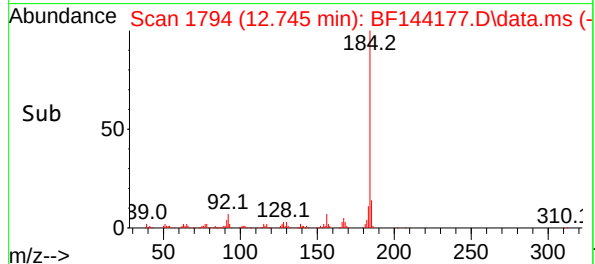
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:184 Resp: 217389
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.3 12.5

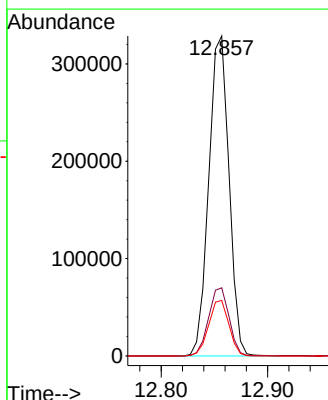
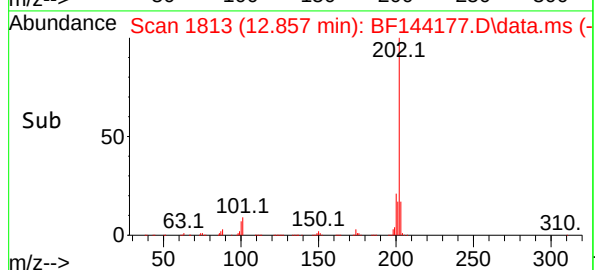
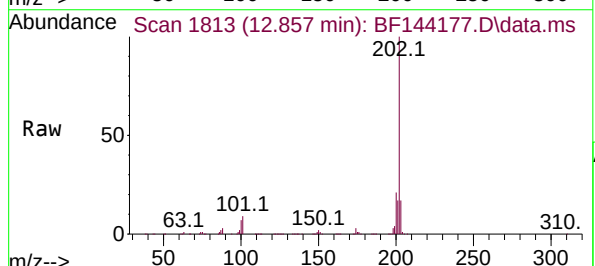
Manual Integrations
APPROVED

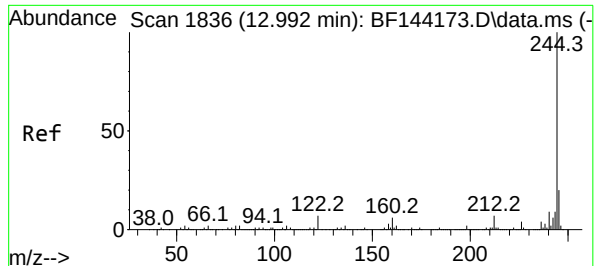
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#78
Pyrene
Concen: 33.011 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:202 Resp: 433110
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 67.318 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144177.D

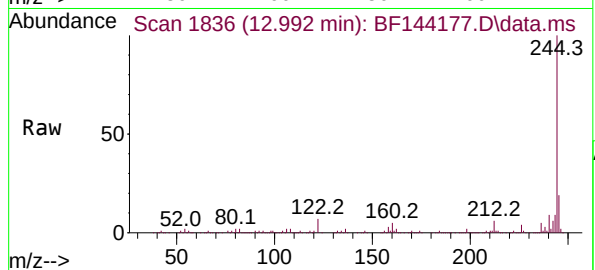
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:244 Resp: 689624

Ion Ratio Lower Upper

244 100

212 6.2 5.3 7.9

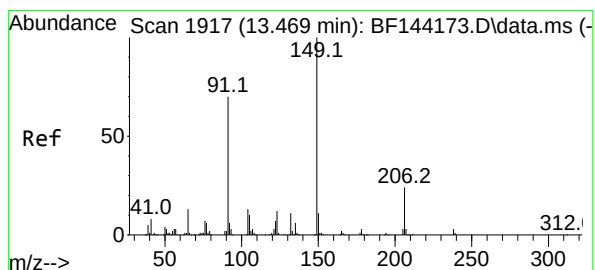
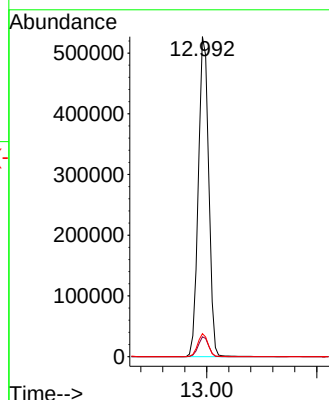
122 7.2 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#80

Butylbenzylphthalate

Concen: 34.633 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

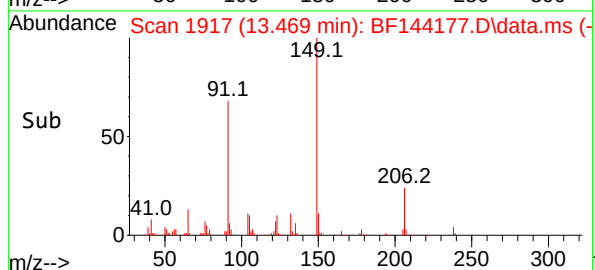
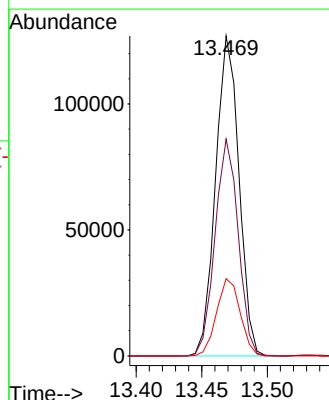
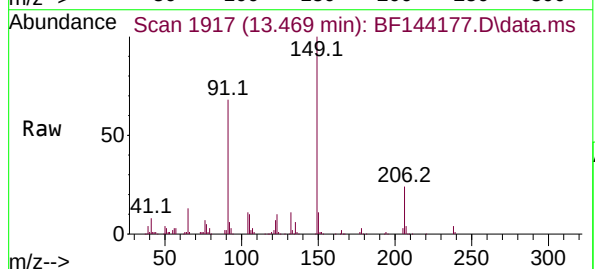
Tgt Ion:149 Resp: 157485

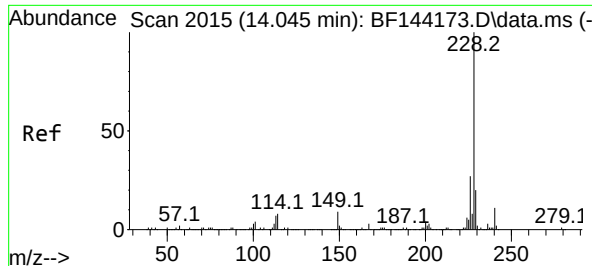
Ion Ratio Lower Upper

149 100

91 67.7 56.1 84.1

206 24.1 18.8 28.2





#81

Benzo(a)anthracene

Concen: 33.489 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144177.D

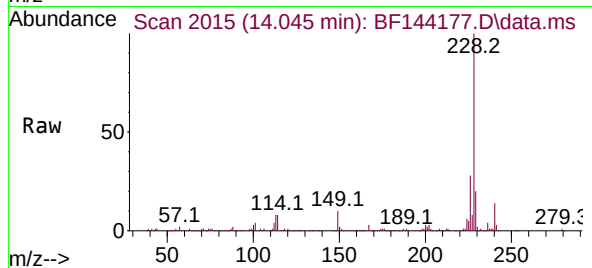
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:228 Resp: 377686

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

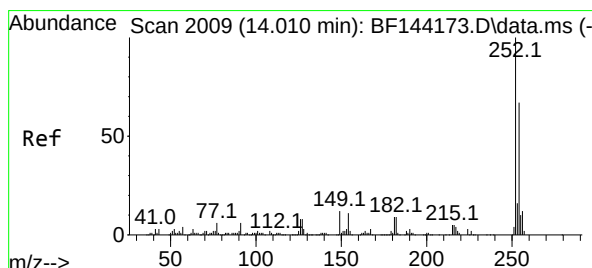
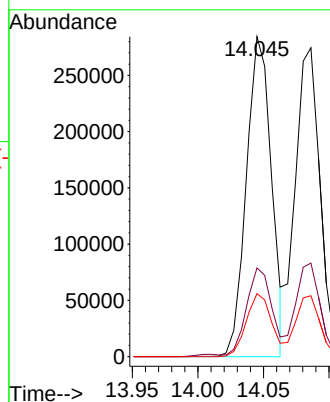
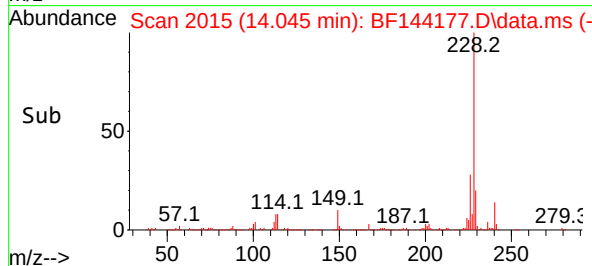
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 39.612 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

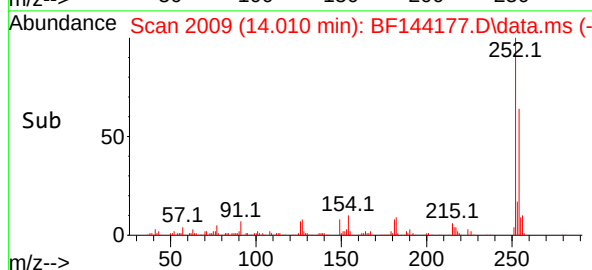
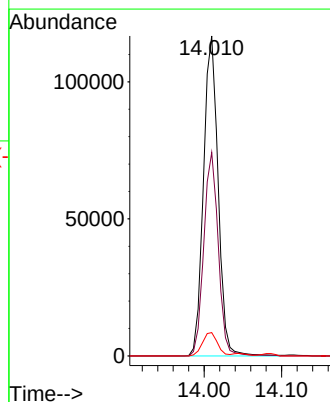
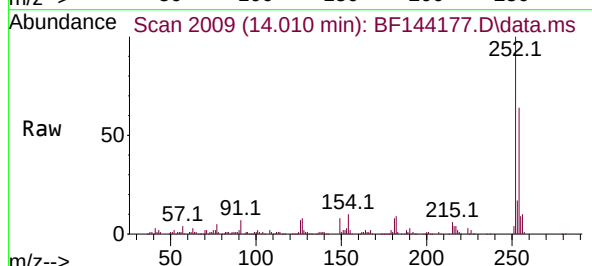
Tgt Ion:252 Resp: 153129

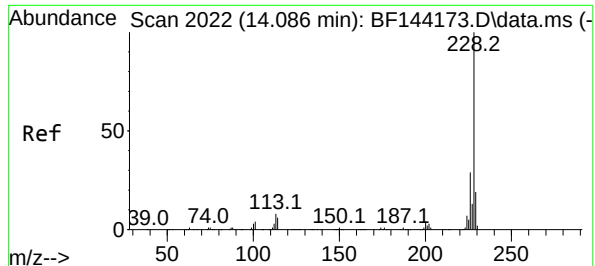
Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

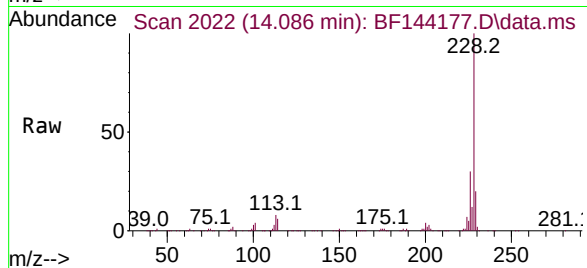
126 7.3 6.4 9.6





#83
Chrysene
Concen: 34.559 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

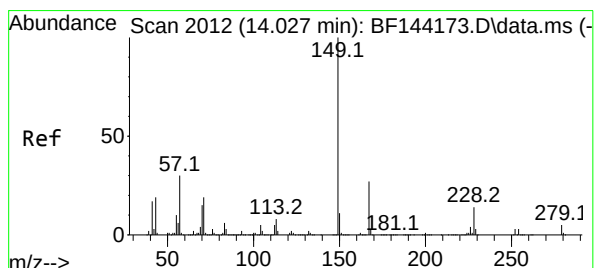
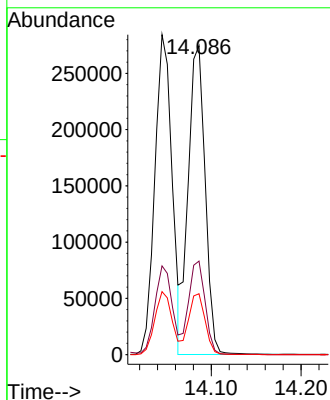
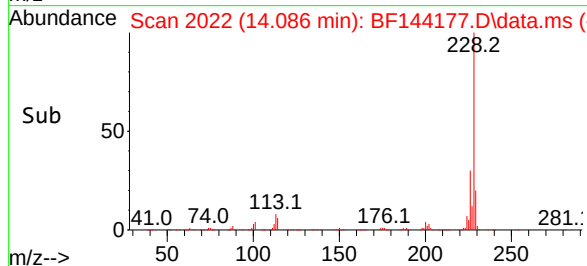
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:228 Resp: 359786
Ion Ratio Lower Upper
228 100
226 30.3 22.9 34.3
229 19.7 15.0 22.6

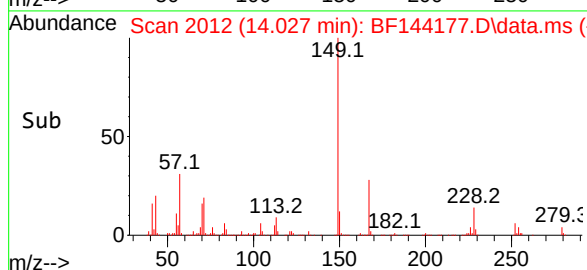
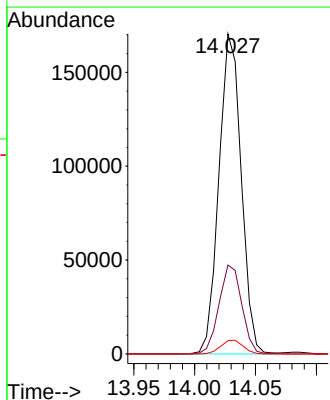
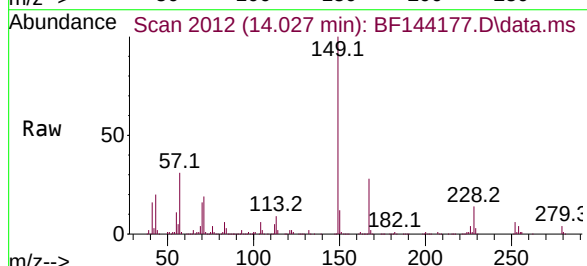
Manual Integrations
APPROVED

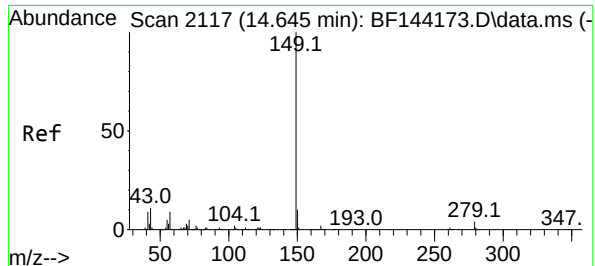
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.880 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

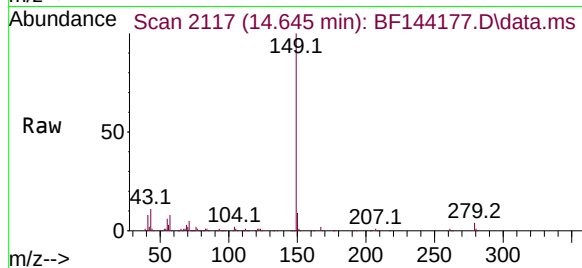
Tgt Ion:149 Resp: 217122
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

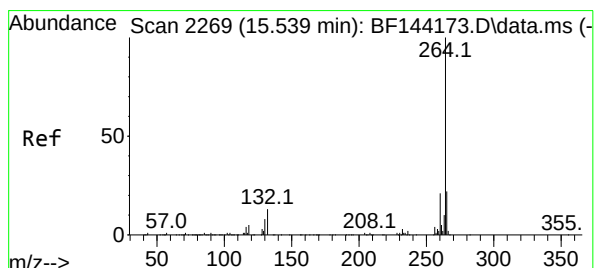
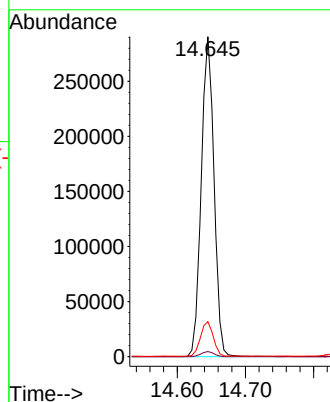
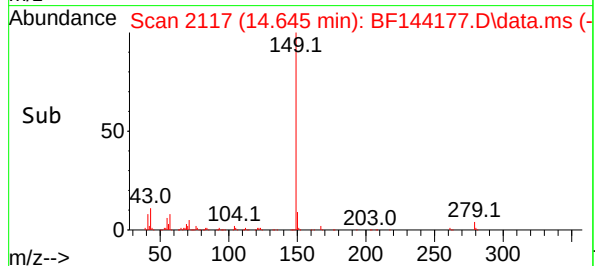
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:149 Resp: 377429
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.4

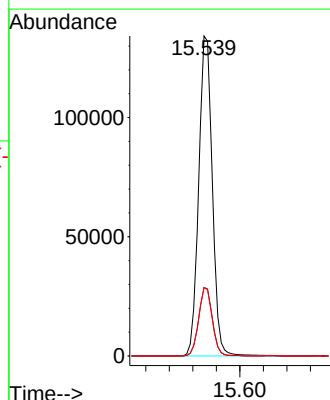
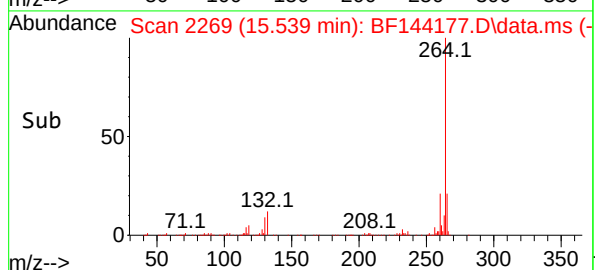
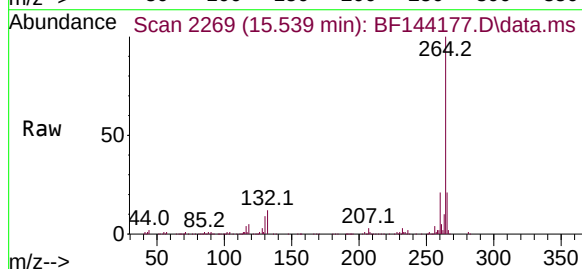
Manual Integrations
APPROVED

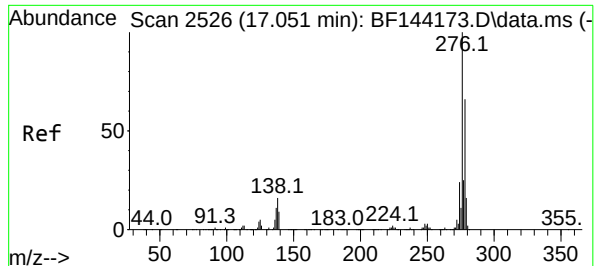
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:264 Resp: 215110
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.019 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:276 Resp: 525298

Ion Ratio Lower Upper

276 100

138 17.7 13.9 20.9

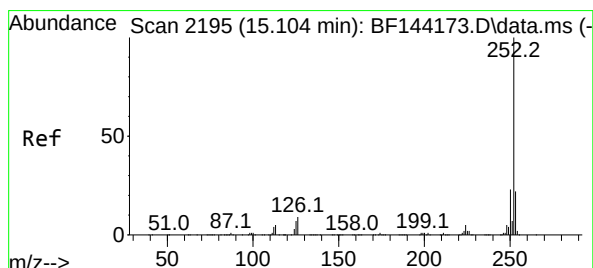
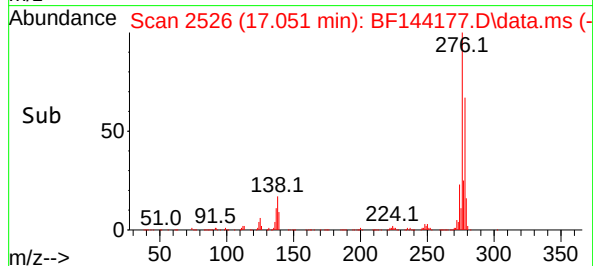
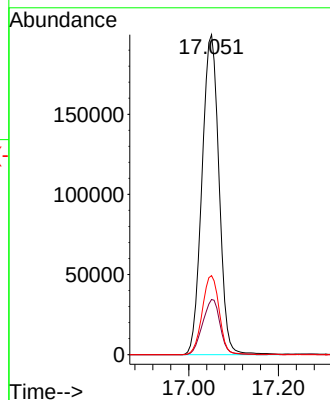
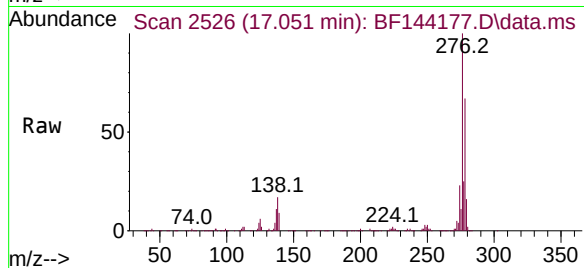
277 24.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#88

Benzo(b)fluoranthene

Concen: 35.021 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

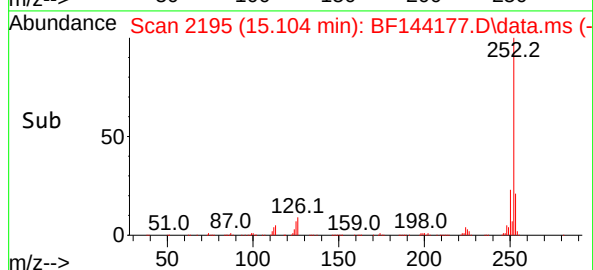
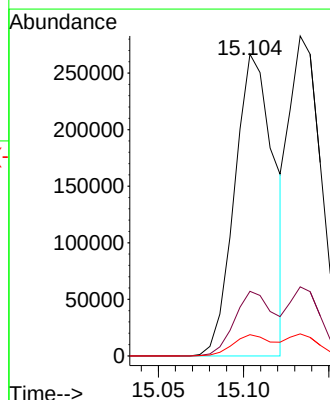
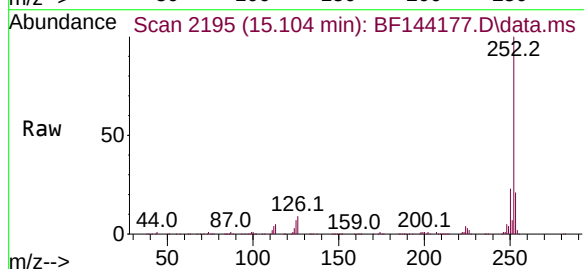
Tgt Ion:252 Resp: 428292

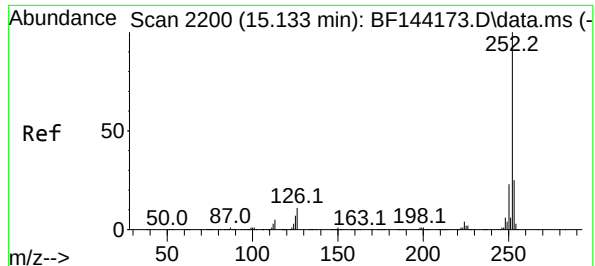
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 7.0 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 32.431 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:252 Resp: 371234

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

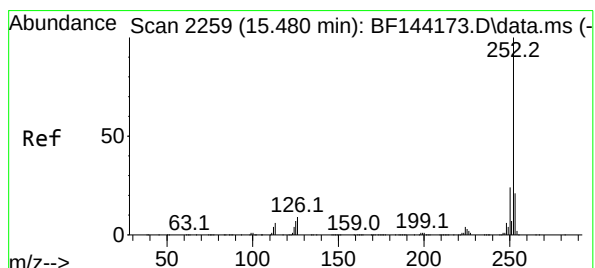
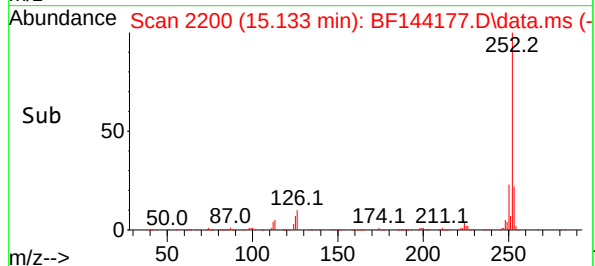
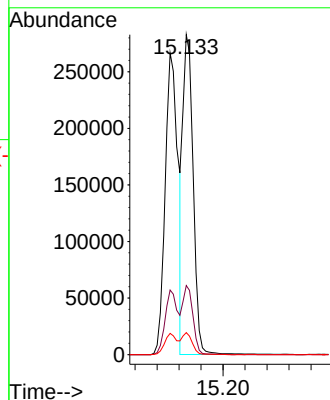
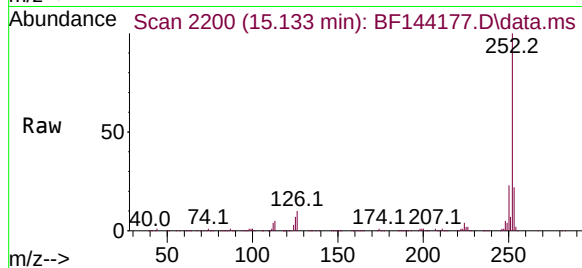
125 6.9 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 35.415 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

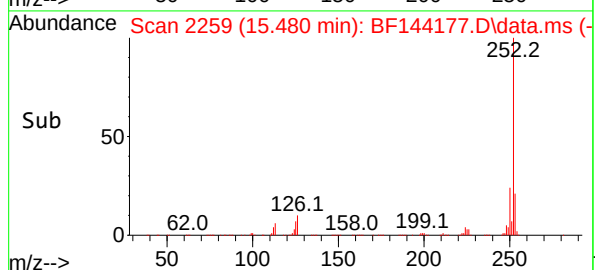
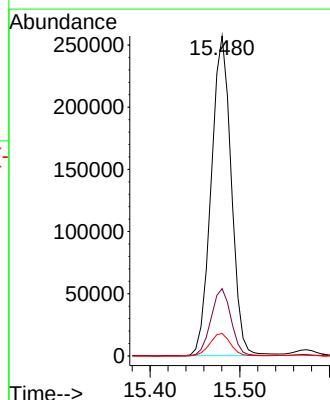
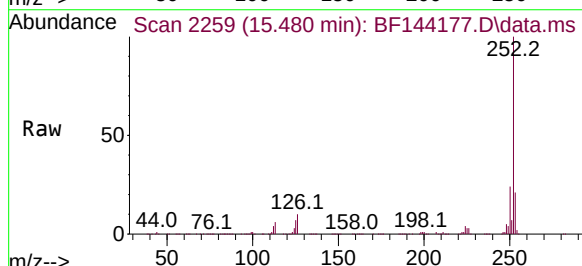
Tgt Ion:252 Resp: 399556

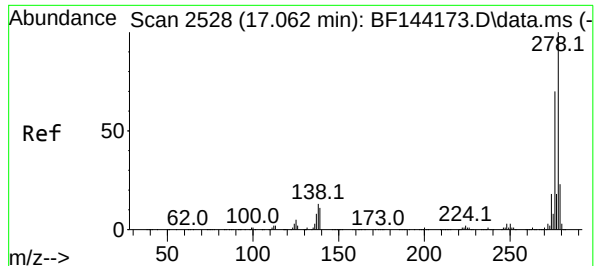
Ion Ratio Lower Upper

252 100

253 21.0 16.7 25.1

125 7.0 5.7 8.5





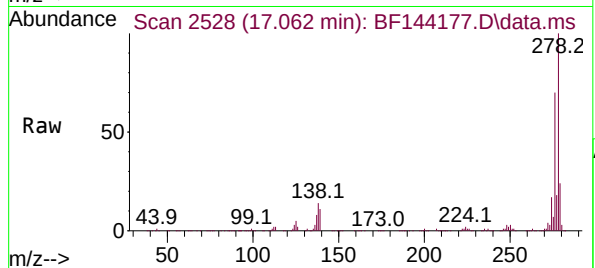
#91
Dibenzo(a,h)anthracene
Concen: 34.126 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



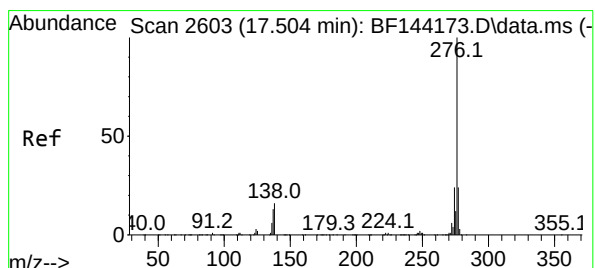
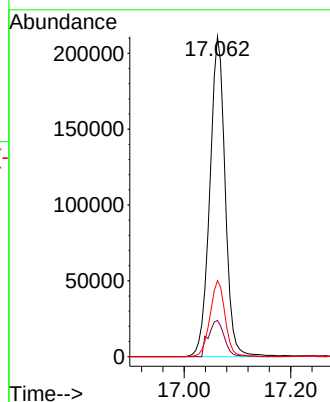
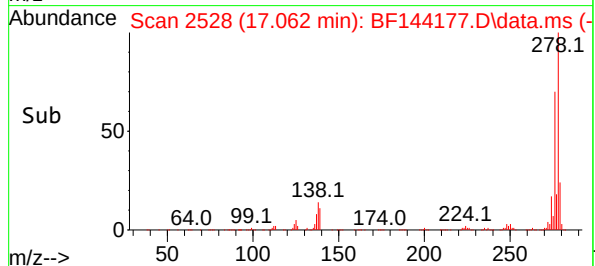
Tgt Ion:278 Resp: 423195
Ion Ratio Lower Upper
278 100
139 11.3 9.1 13.7
279 23.7 18.2 27.4

Manual Integrations

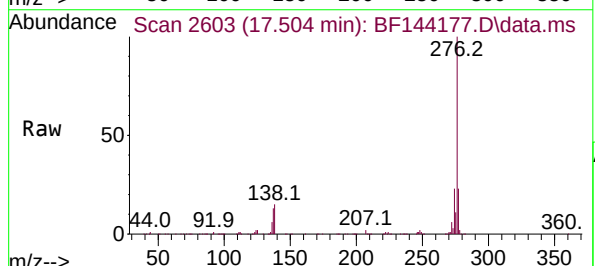
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

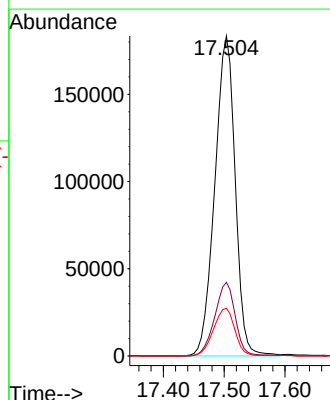
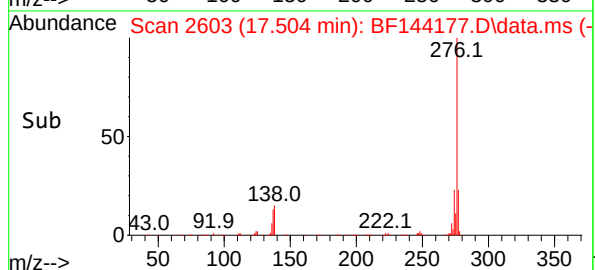
Supervised By :Jagrut Upadhyay 11/06/2025



#92
Benzo(g,h,i)perylene
Concen: 34.857 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:276 Resp: 426866
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 14.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2	1,4-Dioxane	0.528	0.462	12.5	83	-0.01
3	Pyridine	1.474	1.199	18.7	78	-0.04
4	n-Nitrosodimethylamine	0.770	0.697	9.5	89	-0.02
5 S	2-Fluorophenol	1.278	1.122	12.2	84	0.00
6	Aniline	2.063	1.917	7.1	92	0.00
7 S	Phenol-d6	1.448	1.258	13.1	85	0.00
8	2-Chlorophenol	1.253	1.100	12.2	85	0.00
9	Benzaldehyde	0.818	0.927	-13.3	112	0.00
10 C	Phenol	1.769	1.573	11.1	84	0.00
11	bis(2-Chloroethyl)ether	1.289	1.133	12.1	85	0.00
12	1,3-Dichlorobenzene	1.547	1.393	10.0	89	0.00
13 C	1,4-Dichlorobenzene	1.549	1.389	10.3	86	0.00
14	1,2-Dichlorobenzene	1.485	1.372	7.6	91	0.00
15	Benzyl Alcohol	1.147	1.020	11.1	87	0.00
16	2,2'-oxybis(1-Chloropropane	2.374	2.098	11.6	86	0.00
17	2-Methylphenol	0.997	0.866	13.1	83	0.00
18	Hexachloroethane	0.515	0.464	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	0.953	0.812	14.8	84	0.00
20	3+4-Methylphenols	1.175	1.053	10.4	86	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.429	0.387	9.8	90	0.00
23 S	Nitrobenzene-d5	0.346	0.297	14.2	83	0.00
24	Nitrobenzene	0.376	0.327	13.0	85	0.00
25	Isophorone	0.655	0.569	13.1	85	0.00
26 C	2-Nitrophenol	0.186	0.170	8.6	87	0.00
27	2,4-Dimethylphenol	0.279	0.274	1.8	93	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.362	11.5	86	0.00
29 C	2,4-Dichlorophenol	0.322	0.274	14.9	83	0.00
30	1,2,4-Trichlorobenzene	0.330	0.294	10.9	88	0.00
31	Naphthalene	0.951	0.829	12.8	86	0.00
32	Benzoic acid	0.204	0.154	24.5	86	-0.04
33	4-Chloroaniline	0.347	0.336	3.2	93	0.00
34 C	Hexachlorobutadiene	0.249	0.215	13.7	83	0.00
35	Caprolactam	0.088	0.074	15.9	80	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.247	14.2	84	0.00
37	2-Methylnaphthalene	0.636	0.509	20.0	79	0.00
38	1-Methylnaphthalene	0.614	0.514	16.3	83	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	0.655	0.603	7.9	86	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.243	-24.6	118	0.00
42 S	2,4,6-Tribromophenol	0.251	0.213	15.1	78	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.394	11.7	84	0.00
44	2,4,5-Trichlorophenol	0.481	0.423	12.1	84	0.00
45 S	2-Fluorobiphenyl	1.354	1.180	12.9	85	0.00
46	1,1'-Biphenyl	1.396	1.275	8.7	87	0.00
47	2-Chloronaphthalene	1.191	1.045	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.344	0.306	11.0	82	0.00
49	Acenaphthylene	1.623	1.615	0.5	95	0.00
50	Dimethylphthalate	1.325	1.162	12.3	83	0.00
51	2,6-Dinitrotoluene	0.268	0.246	8.2	86	0.00
52 C	Acenaphthene	1.085	0.914	15.8	81	0.00
53	3-Nitroaniline	0.293	0.259	11.6	80	0.00
54 P	2,4-Dinitrophenol	0.162	0.116	28.4#	80	0.00
55	Dibenzofuran	1.520	1.353	11.0	84	0.00
56 P	4-Nitrophenol	0.212	0.164	22.6	78	0.00
57	2,4-Dinitrotoluene	0.359	0.323	10.0	81	0.00
58	Fluorene	1.156	1.037	10.3	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.318	6.5	86	0.00
60	Diethylphthalate	1.221	1.058	13.3	82	0.00
61	4-Chlorophenyl-phenylether	0.658	0.576	12.5	81	0.00
62	4-Nitroaniline	0.279	0.246	11.8	83	0.00
63	Azobenzene	1.137	1.022	10.1	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.106	22.1	78	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.584	9.2	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.218	14.5	79	0.00
68	Hexachlorobenzene	0.301	0.262	13.0	83	0.00
69	Atrazine	0.205	0.188	8.3	87	0.00
70 C	Pentachlorophenol	0.150	0.122	18.7	75	0.00
71	Phenanthrene	0.996	0.873	12.3	82	0.00
72	Anthracene	1.013	0.893	11.8	83	0.00
73	Carbazole	0.861	0.737	14.4	80	0.00
74	Di-n-butylphthalate	1.041	0.899	13.6	80	0.00
75 C	Fluoranthene	1.029	0.883	14.2	80	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzidine	0.592	0.668	-12.8	107	0.00
78	Pyrene	1.613	1.331	17.5	78	0.00
79 S	Terphenyl-d14	1.259	1.060	15.8	81	0.00
80	Butylbenzylphthalate	0.559	0.484	13.4	82	0.00
81	Benzo(a)anthracene	1.386	1.161	16.2	81	0.00
82	3,3'-Dichlorobenzidine	0.475	0.471	0.8	98	0.00
83	Chrysene	1.280	1.106	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.667	12.8	82	0.00
85 c	Di-n-octyl phthalate	1.320	1.160	12.1	82	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.221	15.0	85	0.02
88	Benzo(b)fluoranthene	1.137	0.996	12.4	83	0.00
89	Benzo(k)fluoranthene	1.064	0.863	18.9	85	0.00
90 C	Benzo(a)pyrene	1.049	0.929	11.4	89	0.00
91	Dibenzo(a,h)anthracene	1.153	0.984	14.7	85	0.01
92	Benzo(g,h,i)perylene	1.139	0.992	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	99	0.00
2	1,4-Dioxane	40.000	34.992	12.5	83	-0.01
3	Pyridine	40.000	32.541	18.6	78	-0.04
4	n-Nitrosodimethylamine	40.000	36.224	9.4	89	-0.02
5 S	2-Fluorophenol	80.000	70.243	12.2	84	0.00
6	Aniline	40.000	37.159	7.1	92	0.00
7 S	Phenol-d6	80.000	69.484	13.1	85	0.00
8	2-Chlorophenol	40.000	35.096	12.3	85	0.00
9	Benzaldehyde	40.000	45.337	-13.3	112	0.00
10 C	Phenol	40.000	35.563	11.1	84	0.00
11	bis(2-Chloroethyl)ether	40.000	35.167	12.1	85	0.00
12	1,3-Dichlorobenzene	40.000	36.038	9.9	89	0.00
13 C	1,4-Dichlorobenzene	40.000	35.858	10.4	86	0.00
14	1,2-Dichlorobenzene	40.000	36.957	7.6	91	0.00
15	Benzyl Alcohol	40.000	35.593	11.0	87	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.340	11.6	86	0.00
17	2-Methylphenol	40.000	34.723	13.2	83	0.00
18	Hexachloroethane	40.000	36.050	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	34.051	14.9	84	0.00
20	3+4-Methylphenols	40.000	35.839	10.4	86	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	36.061	9.8	90	0.00
23 S	Nitrobenzene-d5	80.000	68.601	14.2	83	0.00
24	Nitrobenzene	40.000	34.763	13.1	85	0.00
25	Isophorone	40.000	34.755	13.1	85	0.00
26 C	2-Nitrophenol	40.000	36.521	8.7	87	0.00
27	2,4-Dimethylphenol	40.000	39.334	1.7	93	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.422	11.4	86	0.00
29 C	2,4-Dichlorophenol	40.000	34.086	14.8	83	0.00
30	1,2,4-Trichlorobenzene	40.000	35.677	10.8	88	0.00
31	Naphthalene	40.000	34.861	12.8	86	0.00
32	Benzoic acid	40.000	30.148	24.6	86	-0.04
33	4-Chloroaniline	40.000	38.685	3.3	93	0.00
34 C	Hexachlorobutadiene	40.000	34.552	13.6	83	0.00
35	Caprolactam	40.000	33.478	16.3	80	-0.03
36 C	4-Chloro-3-methylphenol	40.000	34.336	14.2	84	0.00
37	2-Methylnaphthalene	40.000	31.978	20.1	79	0.00
38	1-Methylnaphthalene	40.000	33.472	16.3	83	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	36.811	8.0	86	0.00
41 P	Hexachlorocyclopentadiene	40.000	46.350	-15.9	118	0.00
42 S	2,4,6-Tribromophenol	80.000	67.987	15.0	78	0.00
43 C	2,4,6-Trichlorophenol	40.000	35.357	11.6	84	0.00
44	2,4,5-Trichlorophenol	40.000	35.179	12.1	84	0.00
45 S	2-Fluorobiphenyl	80.000	69.741	12.8	85	0.00
46	1,1'-Biphenyl	40.000	36.526	8.7	87	0.00
47	2-Chloronaphthalene	40.000	35.092	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	35.641	10.9	82	0.00
49	Acenaphthylene	40.000	39.818	0.5	95	0.00
50	Dimethylphthalate	40.000	35.076	12.3	83	0.00
51	2,6-Dinitrotoluene	40.000	36.758	8.1	86	0.00
52 C	Acenaphthene	40.000	33.702	15.7	81	0.00
53	3-Nitroaniline	40.000	35.372	11.6	80	0.00
54 P	2,4-Dinitrophenol	40.000	28.732	28.2#	80	0.00
55	Dibenzofuran	40.000	35.602	11.0	84	0.00
56 P	4-Nitrophenol	40.000	30.929	22.7	78	0.00
57	2,4-Dinitrotoluene	40.000	35.994	10.0	81	0.00
58	Fluorene	40.000	35.903	10.2	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.425	6.4	86	0.00
60	Diethylphthalate	40.000	34.646	13.4	82	0.00
61	4-Chlorophenyl-phenylether	40.000	35.002	12.5	81	0.00
62	4-Nitroaniline	40.000	35.278	11.8	83	0.00
63	Azobenzene	40.000	35.958	10.1	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	40.000	31.346	21.6	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.292	9.3	86	0.00
67	4-Bromophenyl-phenylether	40.000	34.135	14.7	79	0.00
68	Hexachlorobenzene	40.000	34.810	13.0	83	0.00
69	Atrazine	40.000	36.790	8.0	87	0.00
70 C	Pentachlorophenol	40.000	32.706	18.2	75	0.00
71	Phenanthrene	40.000	35.049	12.4	82	0.00
72	Anthracene	40.000	35.286	11.8	83	0.00
73	Carbazole	40.000	34.224	14.4	80	0.00
74	Di-n-butylphthalate	40.000	34.535	13.7	80	0.00
75 C	Fluoranthene	40.000	34.338	14.2	80	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzidine	40.000	45.165	-12.9	107	0.00
78	Pyrene	40.000	33.011	17.5	78	0.00
79 S	Terphenyl-d14	80.000	67.318	15.9	81	0.00
80	Butylbenzylphthalate	40.000	34.633	13.4	82	0.00
81	Benzo(a)anthracene	40.000	33.489	16.3	81	0.00
82	3,3'-Dichlorobenzidine	40.000	39.612	1.0	98	0.00
83	Chrysene	40.000	34.559	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	34.880	12.8	82	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	82	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	34.019	15.0	85	0.02
88	Benzo(b)fluoranthene	40.000	35.021	12.4	83	0.00
89	Benzo(k)fluoranthene	40.000	32.431	18.9	85	0.00
90 C	Benzo(a)pyrene	40.000	35.415	11.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	34.126	14.7	85	0.01
92	Benzo(g,h,i)perylene	40.000	34.857	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3552Instrument ID: BNA_PCalibration Date(s): 10/29/2025 10/29/2025Calibration Time(s): 09:26 14:13

LAB FILE ID:		RRF2.5 = BP026028.D			RRF005 = BP026029.D		RRF010 = BP026030.D	
		RRF020 = BP026031.D			RRF040 = BP026032.D		RRF050 = BP026033.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.212	7.4
Benzaldehyde			0.855	0.938	0.809	0.670	0.802	11.5
Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.543	6.8
Phenol		1.542	1.771	1.750	1.773	1.568	1.713	6.4
bis(2-Chloroethyl) ether		1.271	1.434	1.372	1.373	1.228	1.352	5.6
2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.342	9.0
2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.121	7.8
2,2-oxybis(1-Chloropropane)		1.978	2.210	2.102	2.099	1.846	2.043	5.8
Acetophenone		0.481	0.548	0.519	0.518	0.455	0.506	6.1
3+4-Methylphenols			1.521	1.557	1.613	1.430	1.560	5.0
n-Nitroso-di-n-propylamine	0.795	0.894	1.013	1.016	1.027	0.904	0.958	8.8
Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.321	10.3
Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.533	6.5
Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.339	8.8
Isophorone		0.606	0.721	0.705	0.720	0.632	0.687	7.0
2-Nitrophenol		0.069	0.092	0.107	0.128	0.124	0.104	23.2
2,4-Dimethylphenol		0.243	0.306	0.281	0.302	0.269	0.289	8.9
bis(2-Chloroethoxy) methane		0.406	0.466	0.436	0.447	0.396	0.433	5.8
2,4-Dichlorophenol		0.241	0.302	0.308	0.327	0.292	0.305	10.8
Naphthalene		1.039	1.181	1.121	1.115	0.978	1.091	6.3
4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.419	6.8
Hexachlorobutadiene		0.198	0.231	0.209	0.216	0.190	0.211	6.7
Caprolactam			0.099	0.103	0.113	0.099	0.107	7.0
4-Chloro-3-methylphenol		0.257	0.314	0.325	0.345	0.303	0.320	10.3
2-Methylnaphthalene		0.717	0.823	0.771	0.795	0.694	0.763	6.0
Hexachlorocyclopentadiene			0.200	0.198	0.237	0.218	0.227	11.5
2,4,6-Trichlorophenol		0.256	0.342	0.372	0.402	0.360	0.367	15.7
2-Fluorobiphenyl		1.350	1.549	1.454	1.421	1.231	1.392	7.5
2,4,5-Trichlorophenol		0.309	0.414	0.425	0.456	0.405	0.419	12.9
1,1-Biphenyl		1.454	1.673	1.577	1.560	1.378	1.531	6.4
2-Chloronaphthalene		1.130	1.304	1.248	1.229	1.090	1.205	6.2
2-Nitroaniline		0.166	0.226	0.269	0.304	0.277	0.272	21.9
Dimethylphthalate		1.282	1.574	1.491	1.522	1.323	1.455	7.8
Acenaphthylene		1.547	1.845	1.832	1.832	1.618	1.756	7.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3552Instrument ID: BNA_PCalibration Date(s): 10/29/2025 10/29/2025Calibration Time(s): 09:26 14:13

LAB FILE ID:		RRF2.5 = BP026028.D			RRF005 = BP026029.D		RRF010 = BP026030.D	
		RRF020 = BP026031.D			RRF040 = BP026032.D		RRF050 = BP026033.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.142	0.196	0.234	0.264	0.245	0.237	22.6
3-Nitroaniline		0.177	0.254	0.296	0.324	0.295	0.291	20.7
Acenaphthene		1.101	1.285	1.247	1.249	1.089	1.206	6.8
2,4-Dinitrophenol			0.069	0.082	0.100	0.096	0.100	22.4
4-Nitrophenol			0.277	0.309	0.285	0.258	0.290	7.0
Dibenzofuran		1.725	1.997	1.886	1.869	1.614	1.822	6.9
2,4-Dinitrotoluene		0.195	0.288	0.340	0.393	0.360	0.347	24.0
Diethylphthalate		1.240	1.570	1.484	1.549	1.350	1.463	8.7
4-Chlorophenyl-phenylether		0.699	0.803	0.736	0.731	0.623	0.713	8.3
Fluorene		1.347	1.621	1.501	1.450	1.260	1.427	8.8
4-Nitroaniline		0.207	0.294	0.328	0.342	0.298	0.311	16.9
4,6-Dinitro-2-methylphenol			0.053	0.065	0.076	0.075	0.077	22.1
n-Nitrosodiphenylamine		0.574	0.678	0.641	0.647	0.567	0.625	6.8
2,4,6-Tribromophenol		0.155	0.211	0.218	0.236	0.209	0.216	14.2
4-Bromophenyl-phenylether		0.206	0.234	0.222	0.228	0.204	0.222	5.8
Hexachlorobenzene		0.239	0.273	0.256	0.258	0.226	0.253	6.5
Atrazine		0.177	0.213	0.221	0.219	0.193	0.211	9.6
Pentachlorophenol			0.126	0.143	0.161	0.148	0.154	12.4
Phenanthrene		1.133	1.288	1.209	1.189	1.031	1.164	7.1
Anthracene		1.064	1.262	1.195	1.177	1.044	1.154	7.1
Carbazole		0.985	1.172	1.164	1.129	0.969	1.092	7.7
Di-n-butylphthalate		0.937	1.219	1.241	1.333	1.196	1.222	11.6
Fluoranthene		1.259	1.469	1.426	1.411	1.224	1.358	7.1
Pyrene		1.201	1.488	1.395	1.427	1.217	1.353	8.2
Terphenyl-d14		0.953	1.125	1.013	1.014	0.860	0.984	8.8
Butylbenzylphthalate		0.235	0.337	0.407	0.496	0.468	0.432	26.4
3,3-Dichlorobenzidine			0.390	0.424	0.462	0.416	0.443	8.9
Benzo (a) anthracene		1.279	1.497	1.407	1.420	1.224	1.374	7.0
Chrysene		1.210	1.424	1.348	1.345	1.169	1.302	6.9
Bis (2-ethylhexyl) phthalate		0.453	0.613	0.690	0.829	0.768	0.718	20.3
Di-n-octyl phthalate			0.822	1.025	1.287	1.238	1.191	18.9
Benzo (b) fluoranthene		1.074	1.277	1.278	1.306	1.149	1.242	7.7
Benzo (k) fluoranthene		1.119	1.365	1.306	1.331	1.141	1.268	7.9
Benzo (a) pyrene		0.941	1.169	1.171	1.210	1.054	1.141	9.4
Indeno (1,2,3-cd) pyrene		1.190	1.486	1.539	1.564	1.371	1.476	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

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LAB FILE ID:		RRF2.5 = BP026028.D			RRF005 = BP026029.D		RRF010 = BP026030.D	
		RRF020 = BP026031.D			RRF040 = BP026032.D		RRF050 = BP026033.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.978	1.219	1.249	1.274	1.117	1.202	9.7
Benzo(g,h,i)perylene		0.966	1.167	1.219	1.212	1.068	1.156	8.9
1,2,4,5-Tetrachlorobenzene		0.574	0.670	0.637	0.632	0.565	0.621	6.3
1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.511	7.6
2,3,4,6-Tetrachlorophenol		0.223	0.303	0.332	0.364	0.328	0.330	16.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP102925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Oct 30 11:51:34 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP026035.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57	
3)	Pyridine	1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69	
4)	n-Nitrosodimet...	0.601	0.591	0.584	0.522	0.611	0.584	0.582	0.582	5.39	
5) S	2-Fluorophenol	1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44	
6)	Aniline	1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76	
7) S	Phenol-d6	1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77	
8)	2-Chlorophenol	1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97	
9)	Benzaldehyde	0.856	0.937	0.809	0.670	0.796	0.744	0.802	0.802	11.45	
10) C	Phenol	1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44	
11)	bis(2-Chloroet...	1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57	
12)	1,3-Dichlorobe...	1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00	
13) C	1,4-Dichlorobe...	1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97	
14)	1,2-Dichlorobe...	1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83	
15)	Benzyl Alcohol	1.070	1.099	1.140	1.020	1.179	1.165	1.112	1.112	5.47	
16)	2,2'-oxybis(1-...	1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75	
17)	2-Methylphenol	0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75	
18)	Hexachloroethane	0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49	
19) P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)	3+4-Methylphenols	1.521	1.557	1.613	1.430	1.646	1.595	1.560	1.560	4.96	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14	
23) S	Nitrobenzene-d5	0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34	
24)	Nitrobenzene	0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83	
25)	Isophorone	0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03	
26) C	2-Nitrophenol	0.069	0.092	0.107	0.128	0.124	0.104	0.104	0.104	23.21	
27)	2,4-Dimethylph...	0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90	
28)	bis(2-Chloroet...	0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79	
29) C	2,4-Dichloroph...	0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75	
30)	1,2,4-Trichlor...	0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52	
31)	Naphthalene	1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28	
32)	Benzoic acid	0.100	0.127	0.168	0.162	0.206	0.213	0.163	0.163	26.84	
33)	4-Chloroaniline	0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80	
34) C	Hexachlorobuta...	0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70	
35)	Caprolactam	0.099	0.103	0.113	0.099	0.116	0.112	0.107	0.107	6.98	
36) C	4-Chloro-3-met...	0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33	
37)	2-Methylnaphth...	0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02	
38)	1-Methylnaphth...	0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP102925.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41) P	Hexachlorocycl...	0.200	0.198	0.237	0.218	0.260	0.251	0.227		11.46
42) S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43) C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)	2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45) S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)	1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)	2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)	2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)	Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)	Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)	2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52) C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)	3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54) P	2,4-Dinitrophenol	0.069	0.082	0.100	0.096	0.123	0.126	0.100		22.44
55)	Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56) P	4-Nitrophenol	0.277	0.309	0.285	0.258	0.310	0.301	0.290		7.04
57)	2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)	Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)	2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)	Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)	4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)	4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)	Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.053	0.065	0.076	0.075	0.096	0.096	0.077		22.06
66) c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)	4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)	Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)	Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70) C	Pentachlorophenol	0.126	0.143	0.161	0.148	0.178	0.170	0.154		12.39
71)	Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)	Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)	Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)	Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75) C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.411	0.508	0.517	0.451	0.598	0.560	0.508		13.50
78)	Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79) S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)	Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)	Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)	3,3'-Dichlorob...	0.390	0.424	0.462	0.416	0.497	0.467	0.443		8.87
83)	Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)	Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85) c	Di-n-octyl pht...	0.822	1.025	1.287	1.238	1.407	1.364	1.191		18.86

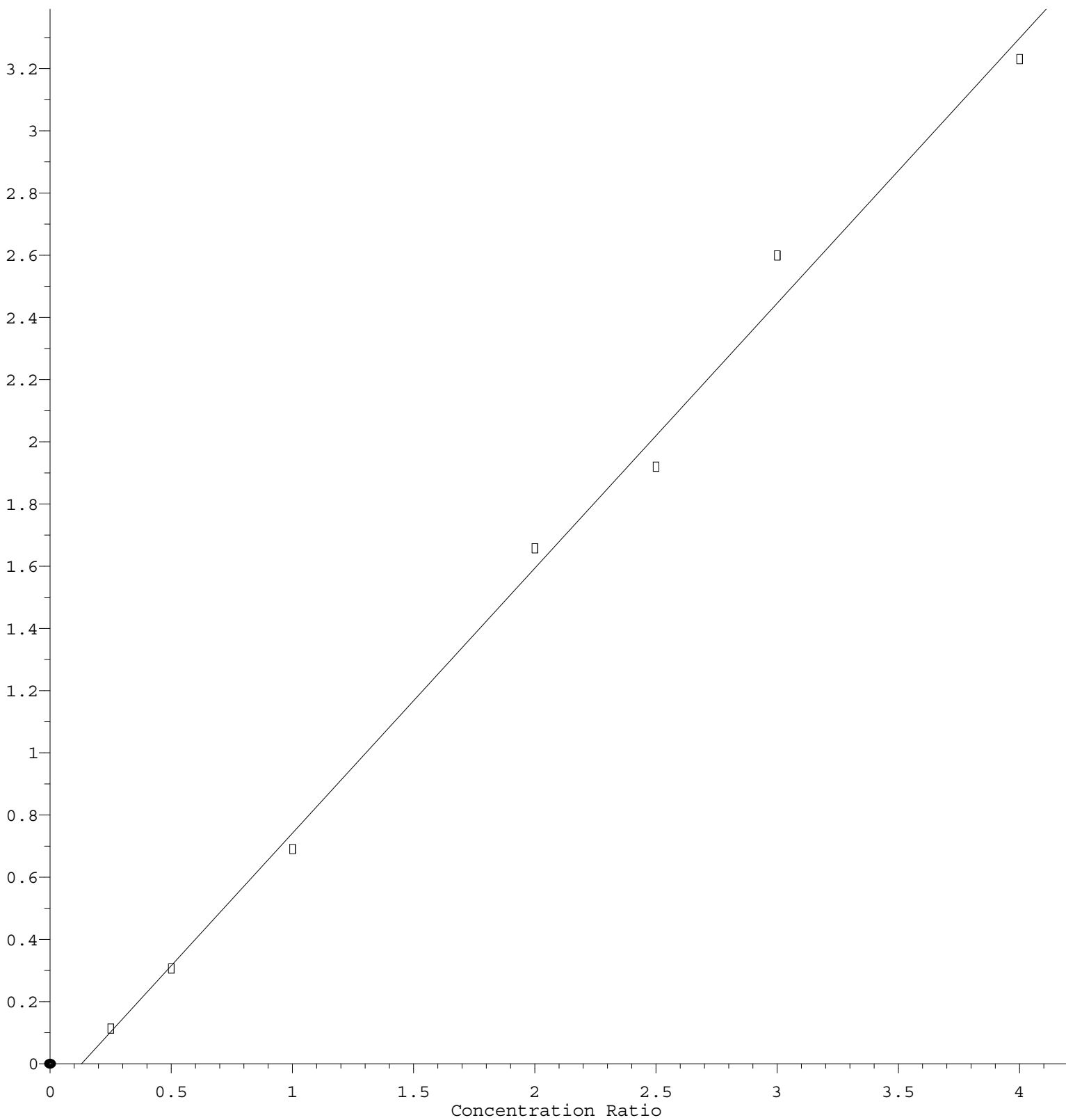
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

		-----ISTD-----	
86) I	Perylene-d12		
87)	Indeno(1,2,3-c...	1.190 1.491 1.538 1.563 1.369 1.629 1.555 1.477	10.15
88)	Benzo(b)fluora...	1.074 1.277 1.278 1.306 1.149 1.345 1.262 1.242	7.67
89)	Benzo(k)fluora...	1.119 1.365 1.306 1.331 1.141 1.347 1.267 1.268	7.86
90) C	Benzo(a)pyrene	0.941 1.169 1.171 1.210 1.054 1.253 1.186 1.141	9.38
91)	Dibenzo(a,h)an...	0.978 1.219 1.249 1.274 1.117 1.320 1.255 1.202	9.72
92)	Benzo(g,h,i)pe...	0.966 1.167 1.219 1.212 1.068 1.259 1.204 1.156	8.92

(#) = Out of Range

Bis(2-ethylhexyl)phthalate

Response Ratio



$$\text{Response} = 8.521\text{e-}001 * \text{Amt} - 1.107\text{e-}001$$

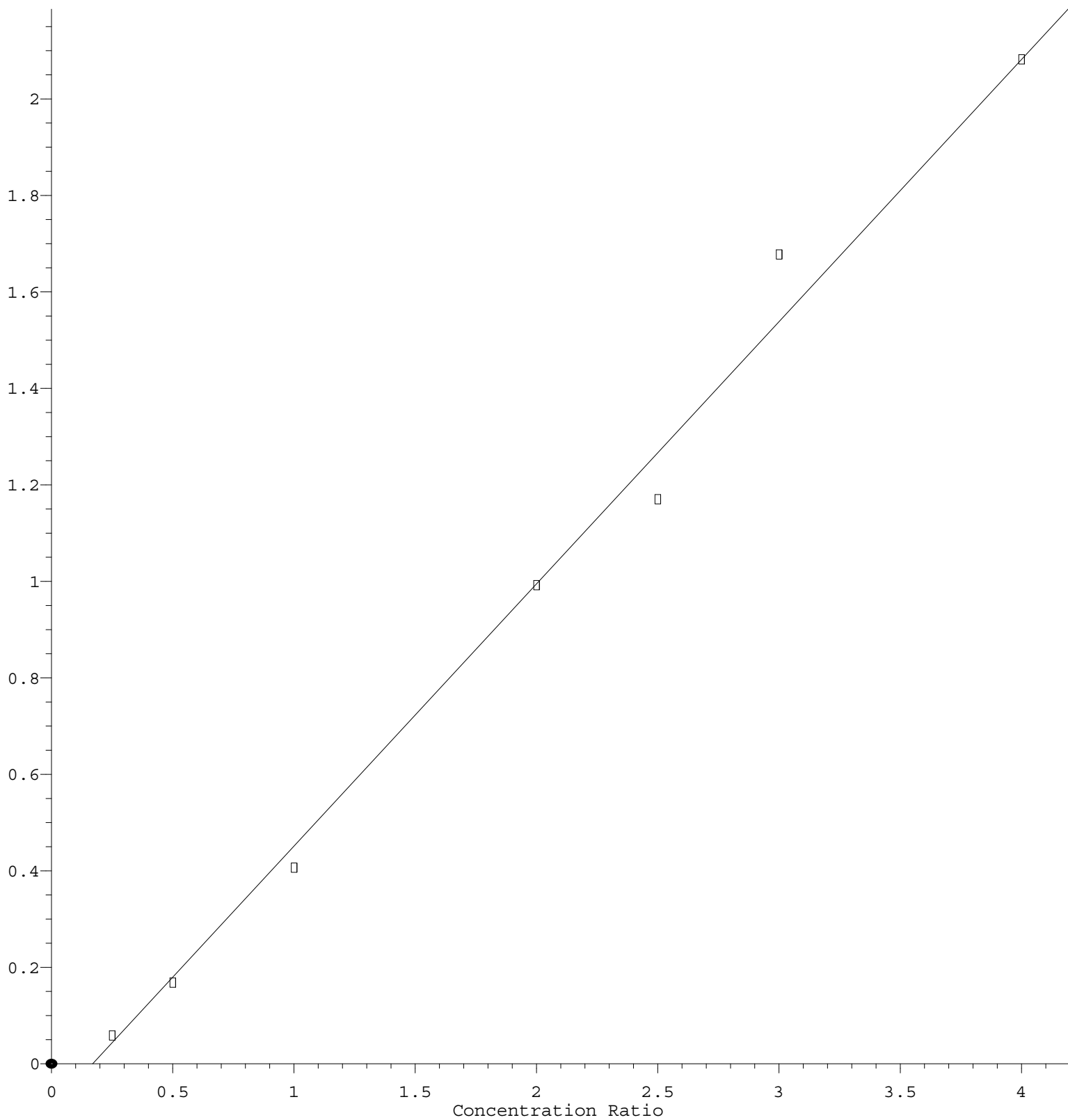
Coef of Det (r^2) = 0.996648 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

Butylbenzylphthalate

Response Ratio



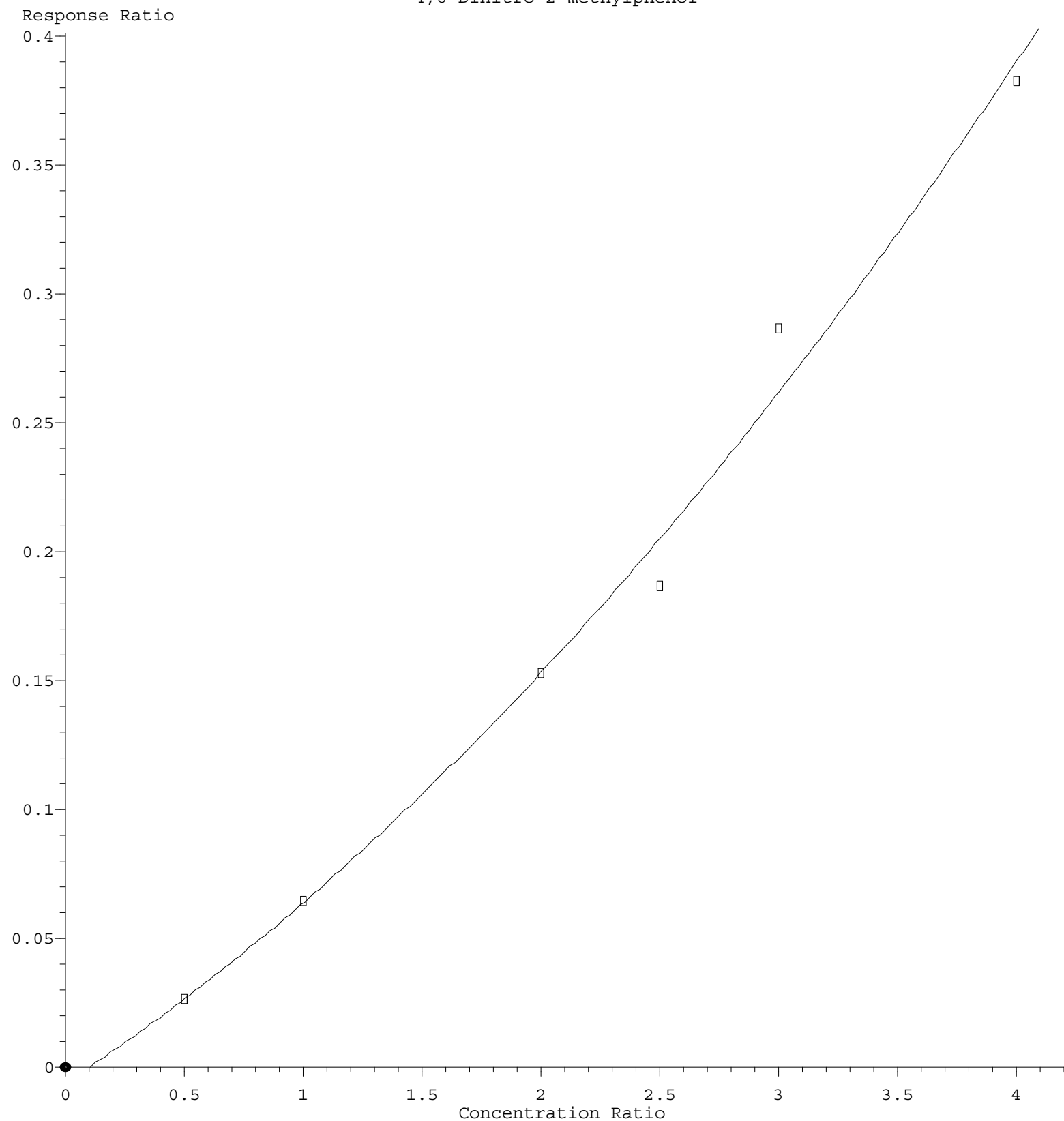
$$\text{Response} = 5.435\text{e-}001 * \text{Amt} - 9.231\text{e-}002$$

Coef of Det (r^2) = 0.993997 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

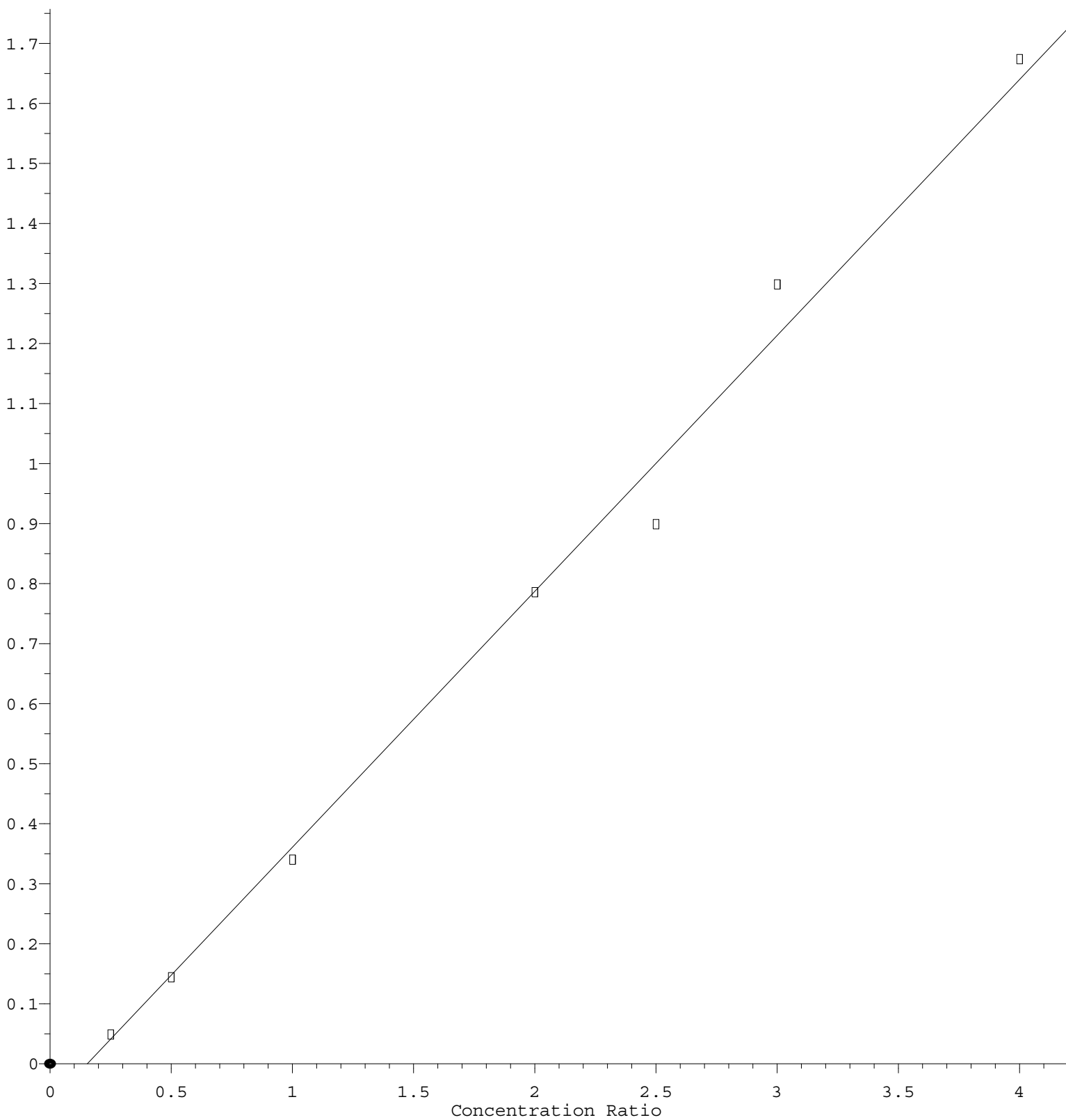
4,6-Dinitro-2-methylphenol



$R = 9.755e-003 A^2 + 5.999e-002 A - 6.001e-003$
 Coef of Det (r^2) = 0.992676 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2,4-Dinitrotoluene

Response Ratio



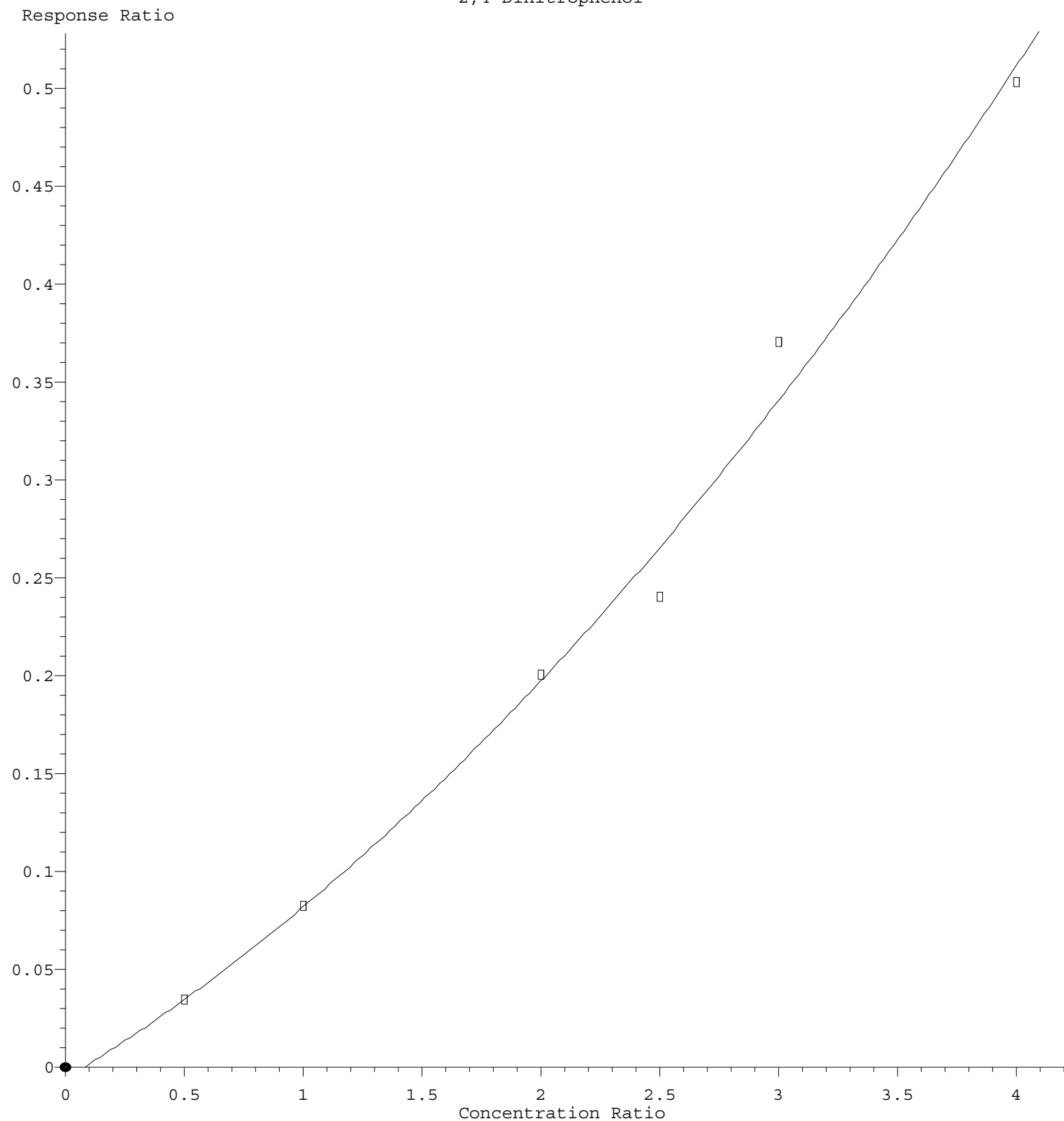
$$\text{Response} = 4.265\text{e-}001 * \text{Amt} - 6.582\text{e-}002$$

Coef of Det (r^2) = 0.994519 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

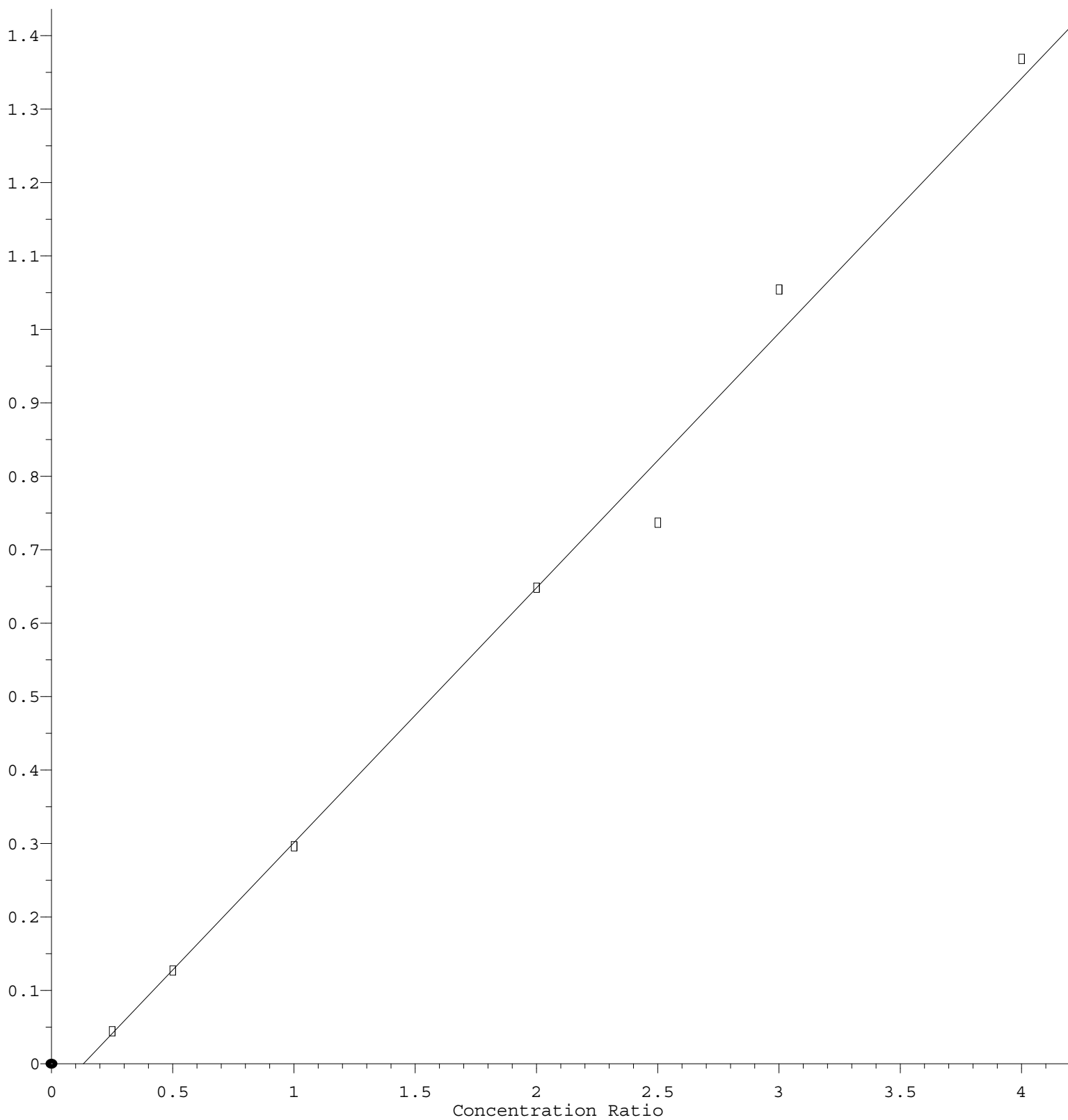
2,4-Dinitrophenol



$R = 1.384e-002 A^2 + 7.400e-002 A - 5.971e-003$
 Coef of Det (r^2) = 0.992971 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

3-Nitroaniline

Response Ratio



$$\text{Response} = 3.468\text{e-}001 * \text{Amt} - 4.573\text{e-}002$$

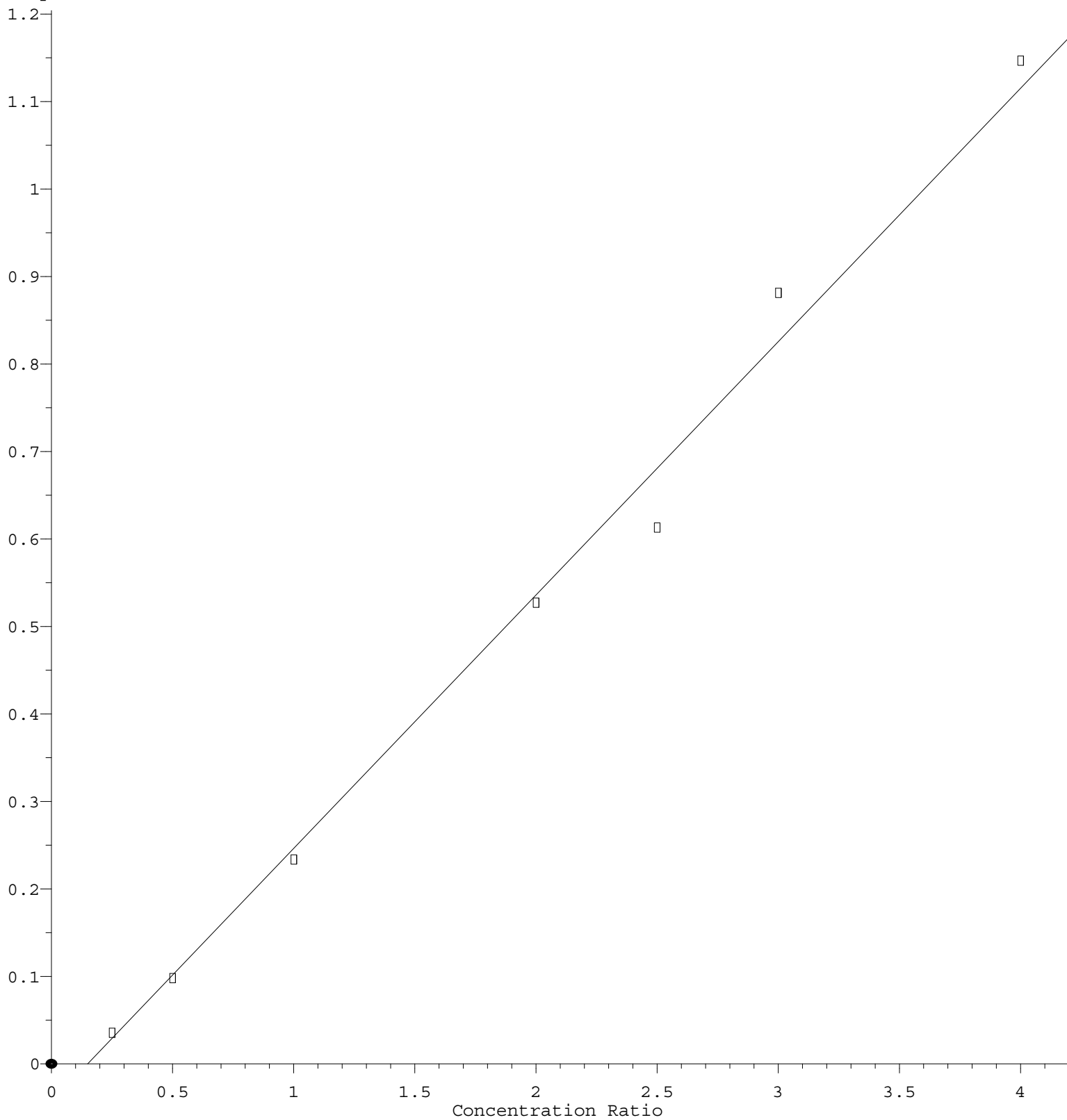
Coef of Det (r^2) = 0.995252 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 2.897\text{e-}001 * \text{Amt} - 4.332\text{e-}002$$

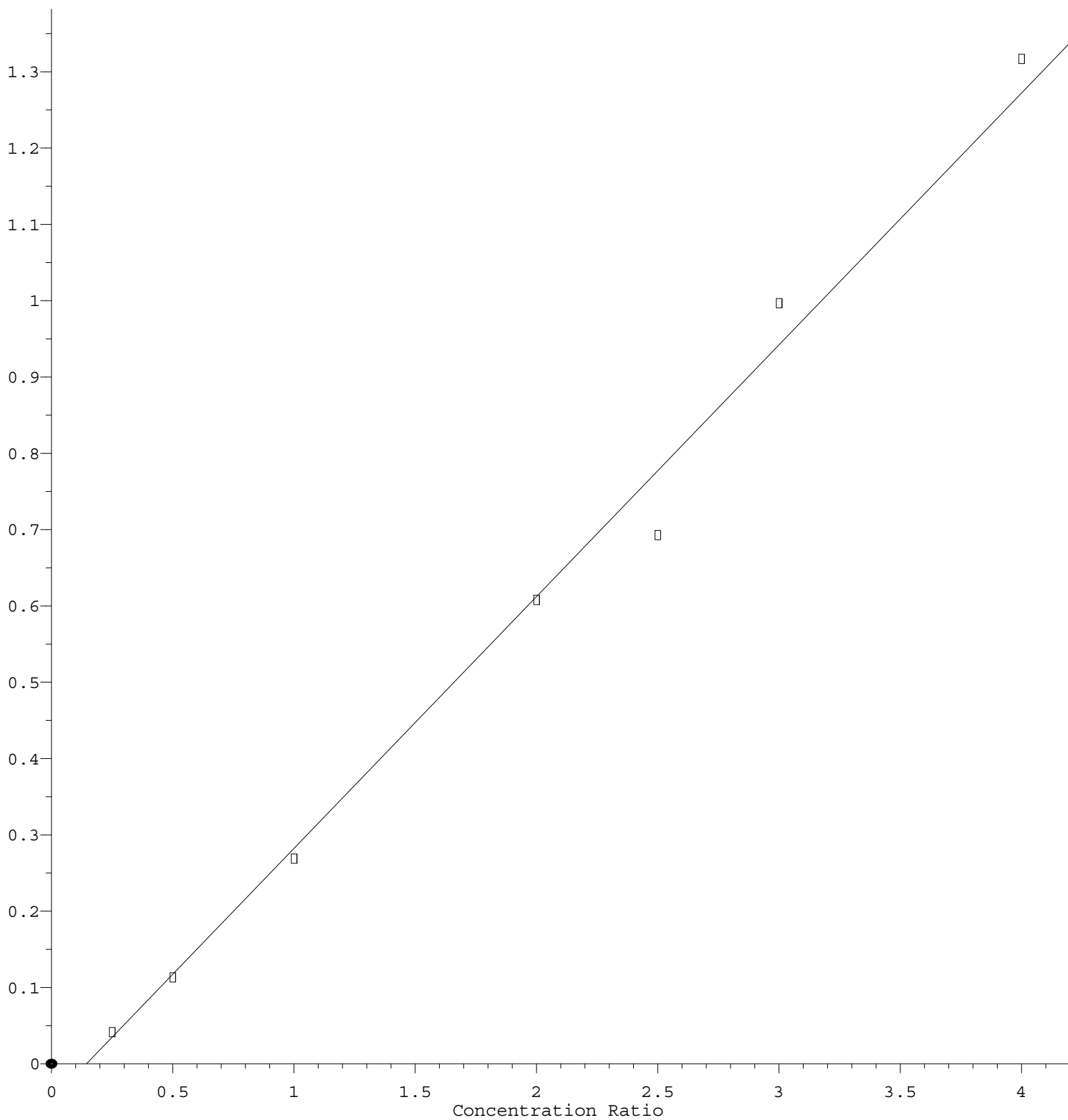
Coef of Det (r^2) = 0.994441 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2-Nitroaniline

Response Ratio



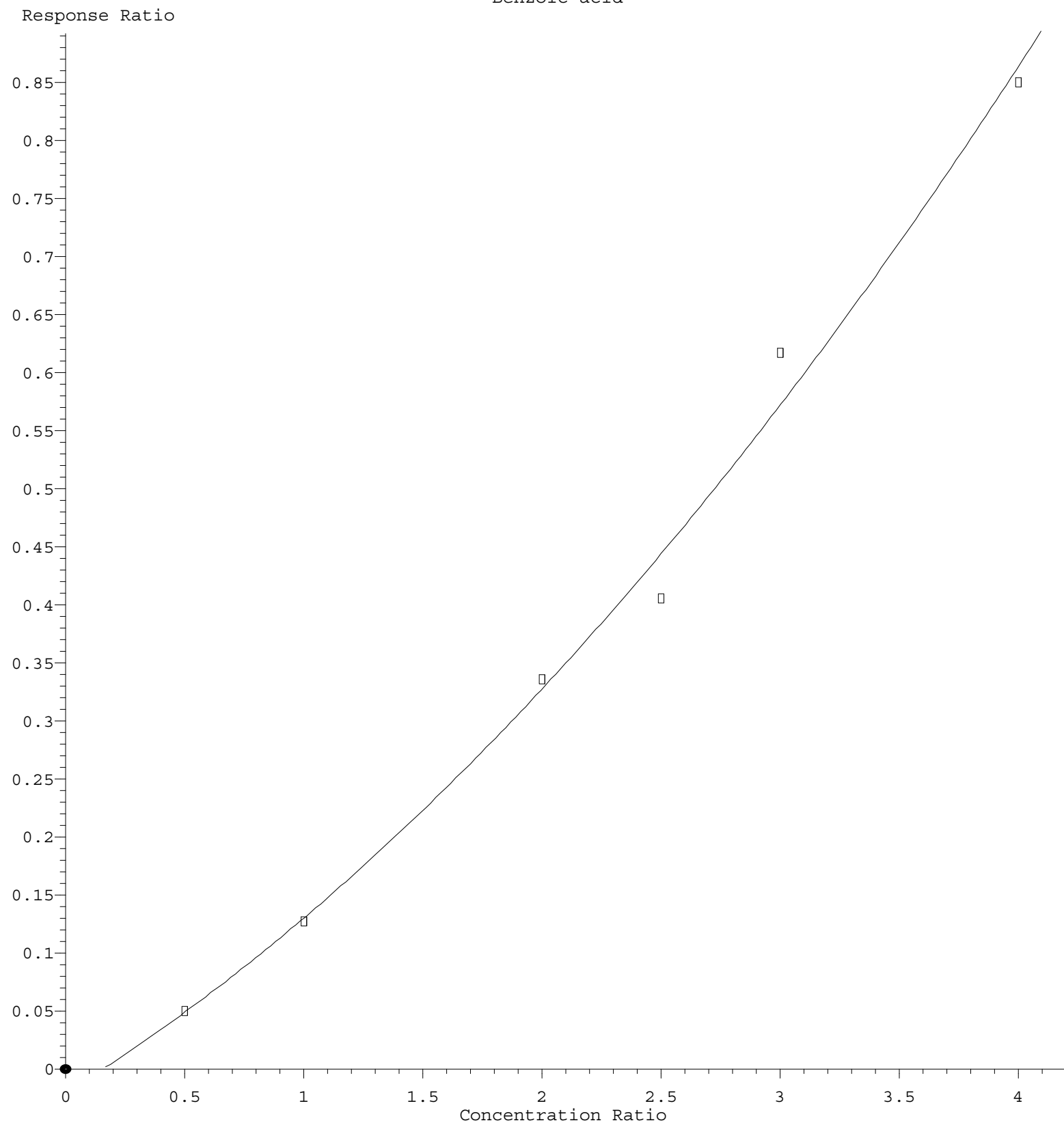
$$\text{Response} = 3.301\text{e-}001 * \text{Amt} - 4.802\text{e-}002$$

Coef of Det (r^2) = 0.994224 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

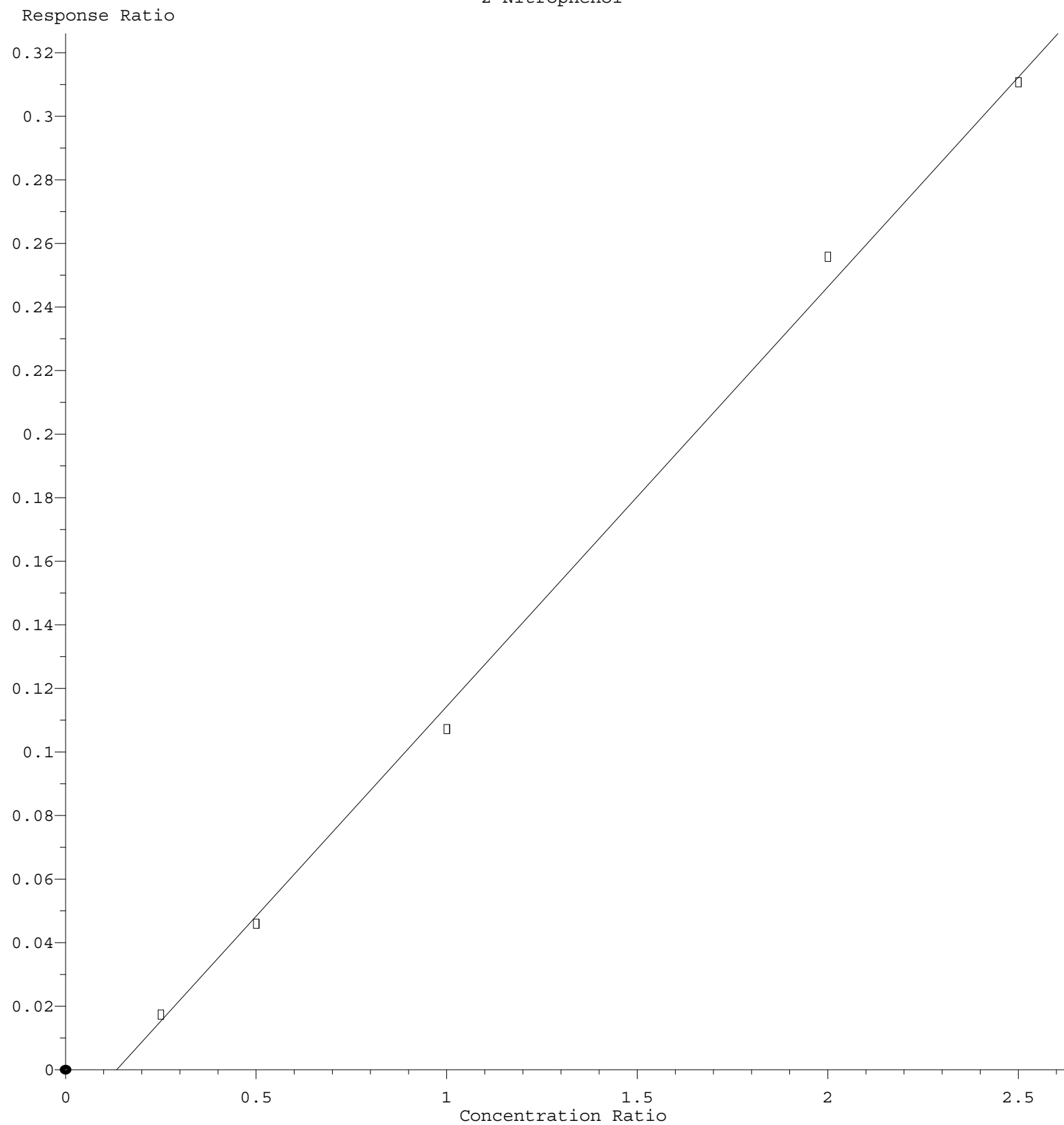
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

Benzoic acid



$R = 2.355e-002 A^2 + 1.268e-001 A - 2.032e-002$
 Coef of Det (r^2) = 0.994313 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2-Nitrophenol



Response = 1.320e-001 * Amt - 1.768e-002
 Coef of Det (r^2) = 0.997680 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On : 29 Oct 2025 09:26
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

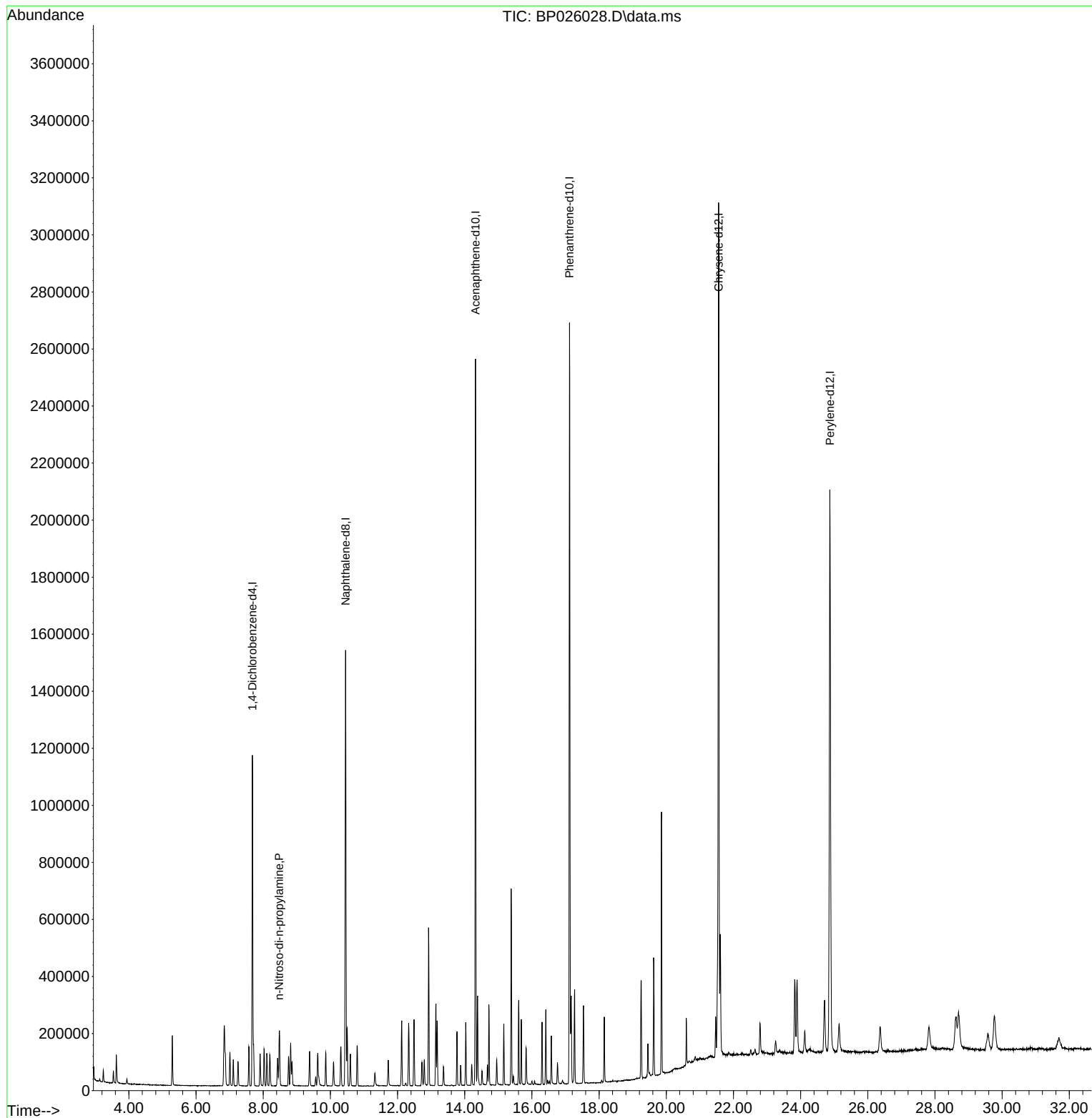
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	314539	20.000	ng	-0.01
21) Naphthalene-d8	10.454	136	1282158	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	817769	20.000	ng	0.00
64) Phenanthrene-d10	17.118	188	1645754	20.000	ng	0.00
76) Chrysene-d12	21.559	240	1828965	20.000	ng	0.00
86) Perylene-d12	24.871	264	1886321	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.472	70	31253	2.075	ng	96

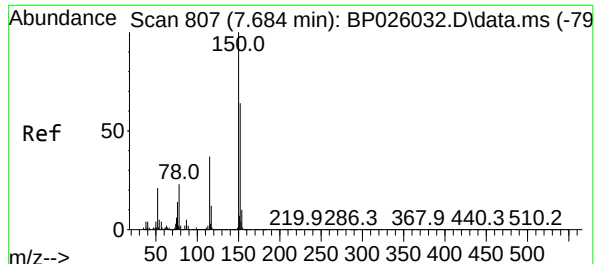
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On : 29 Oct 2025 09:26
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.678 min Scan# 80

Delta R.T. -0.012 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

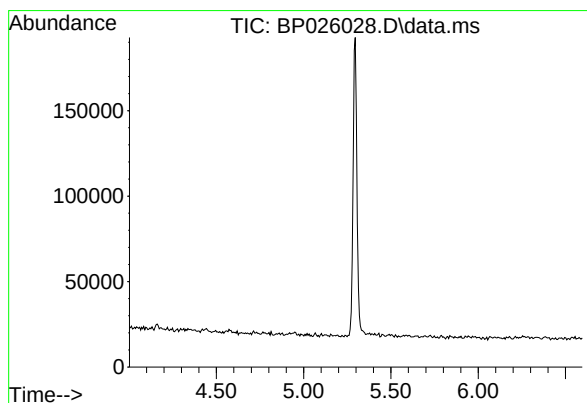
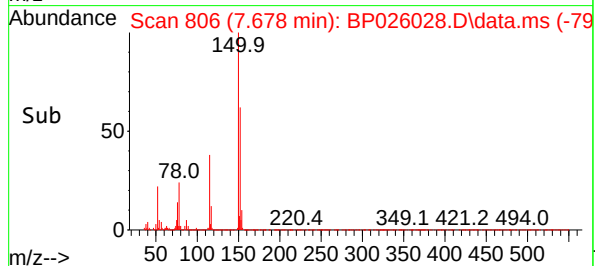
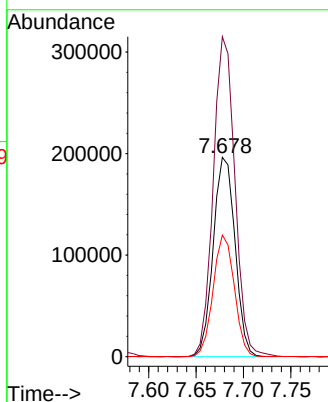
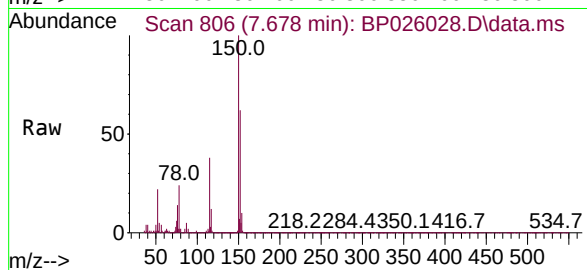
Tgt Ion:152 Resp: 314539

Ion Ratio Lower Upper

152 100

150 160.6 125.7 188.5

115 61.0 46.4 69.6



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.30 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

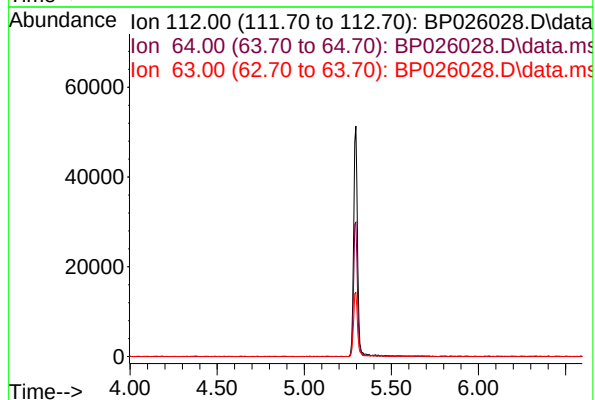
Tgt Ion: 112

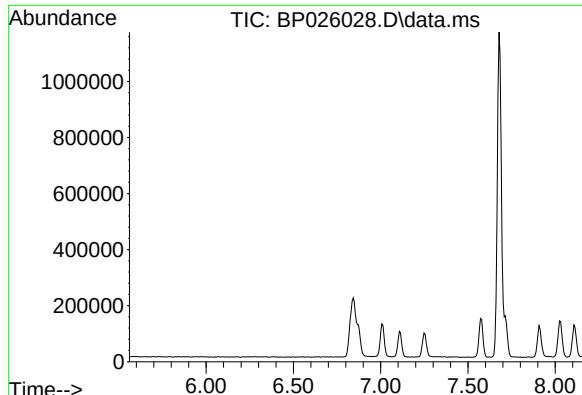
Sig Exp Ratio

112 100

64 59.3

63 30.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

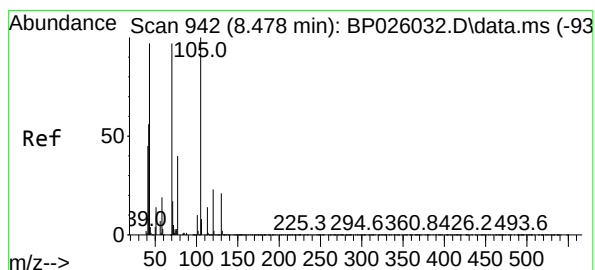
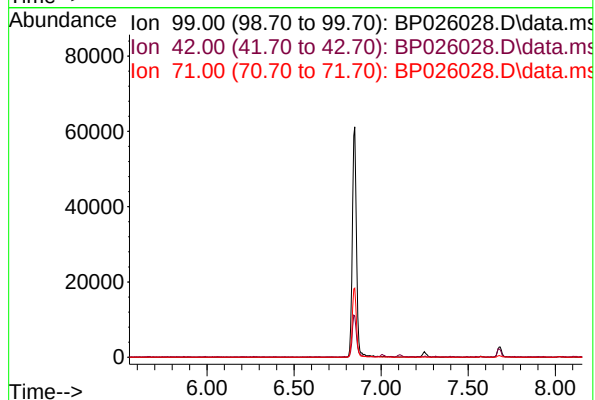
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 30.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.075 ng

RT: 8.472 min Scan# 941

Delta R.T. -0.018 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Tgt Ion: 70 Resp: 31253

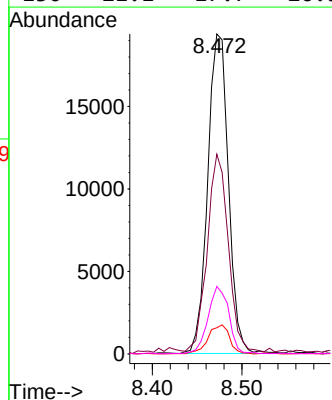
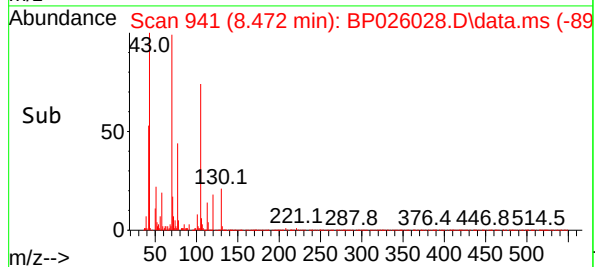
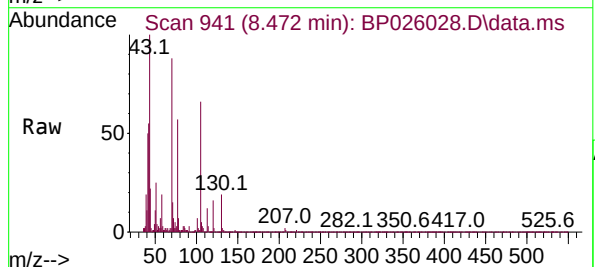
Ion Ratio Lower Upper

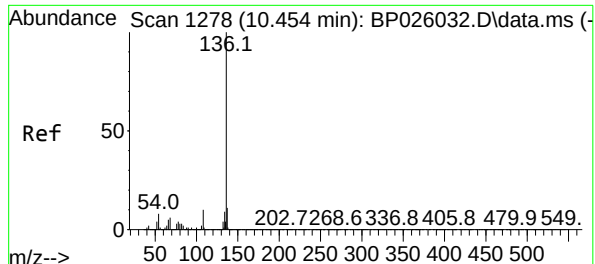
70 100

42 62.4 47.2 70.8

101 8.2 8.2 12.2

130 21.1 17.7 26.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1282158

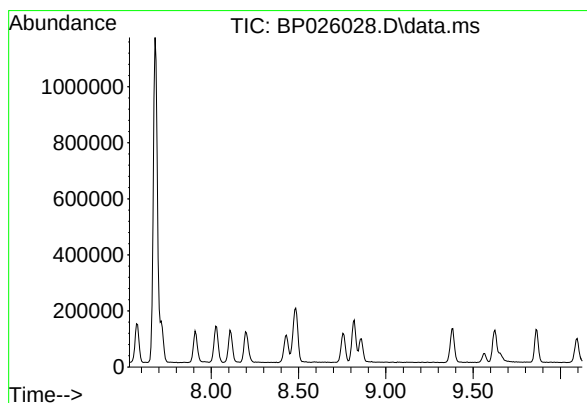
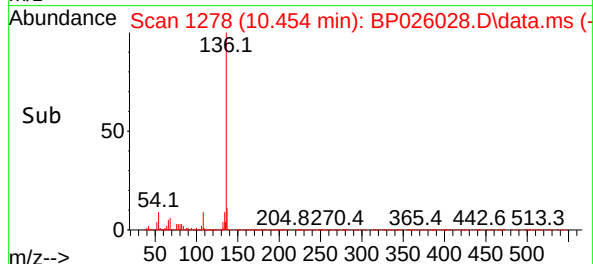
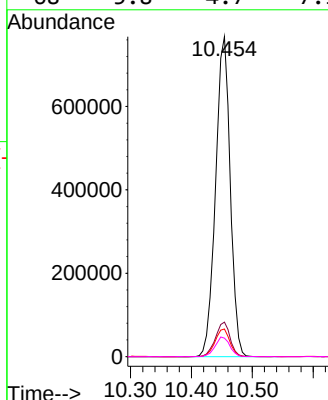
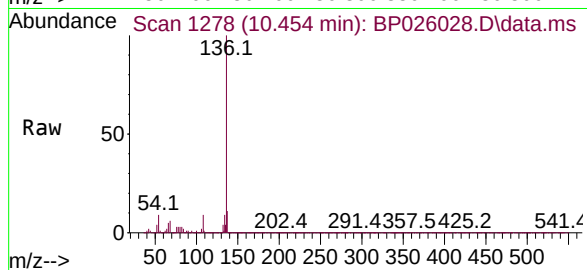
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.7 6.6 10.0

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.82 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

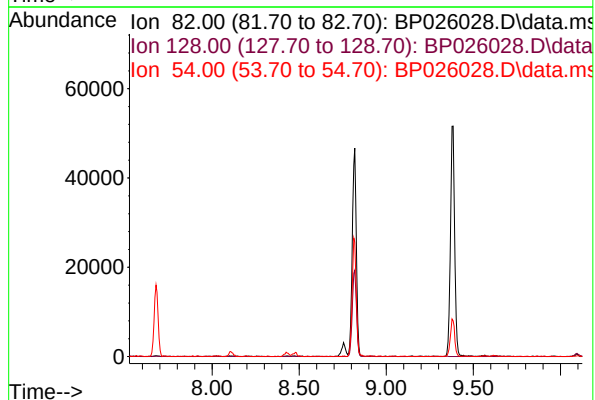
Tgt Ion: 82

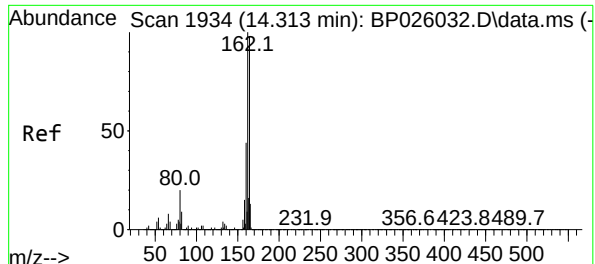
Sig Exp Ratio

82 100

128 46.7

54 53.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 19

Delta R.T. -0.000 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

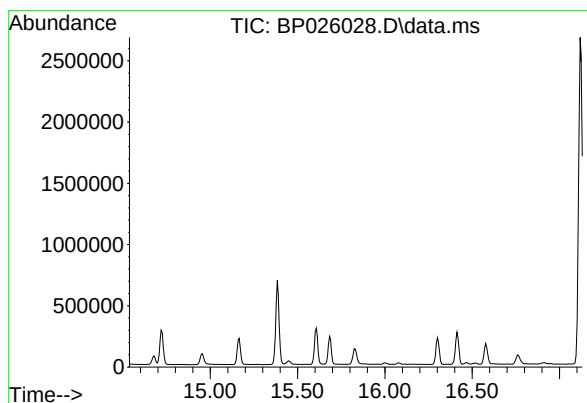
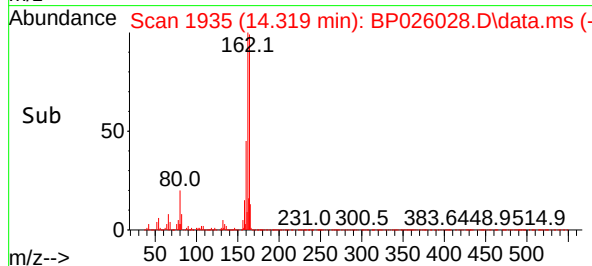
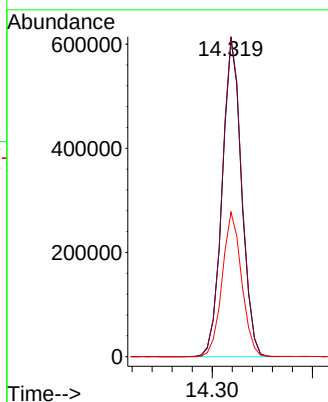
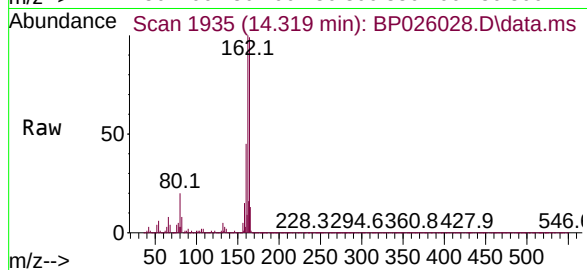
Tgt Ion:164 Resp: 817769

Ion Ratio Lower Upper

164 100

162 100.8 81.5 122.3

160 45.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.83 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

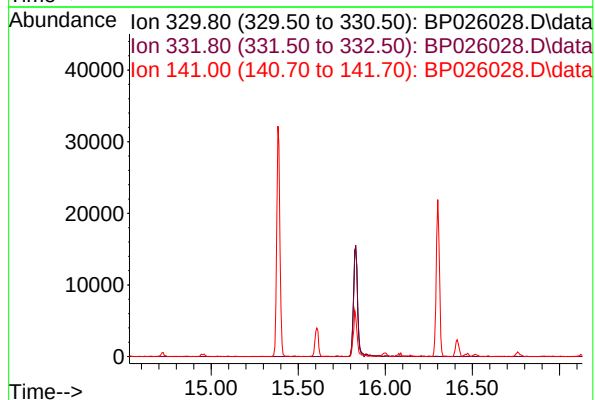
Tgt Ion: 330

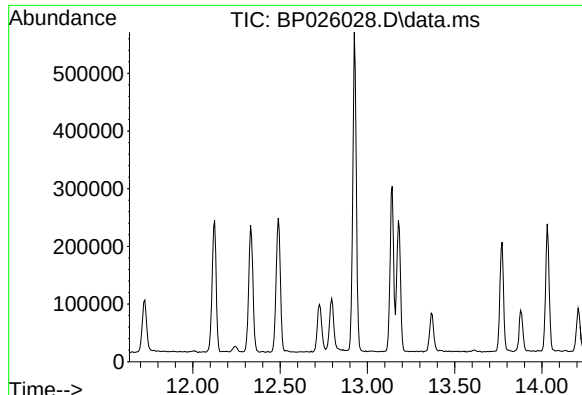
Sig Exp Ratio

330 100

332 96.6

141 35.7

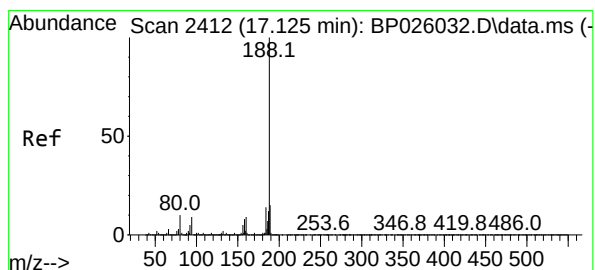
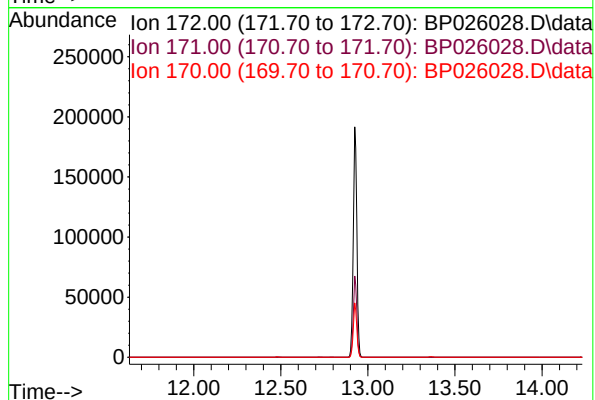




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

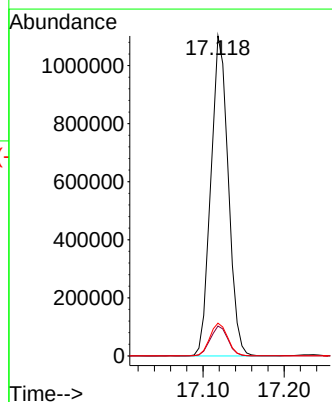
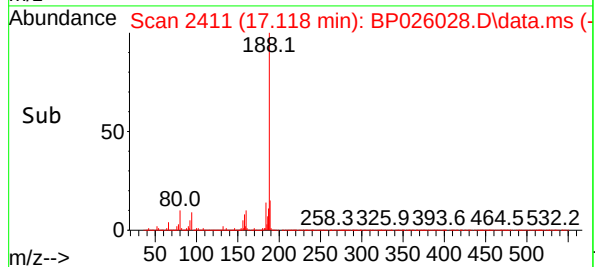
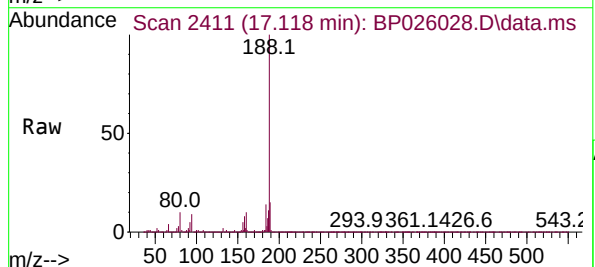
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

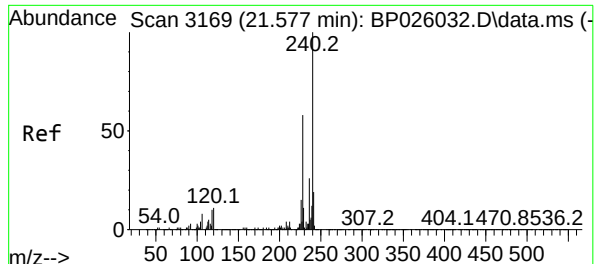
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.9
170 23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

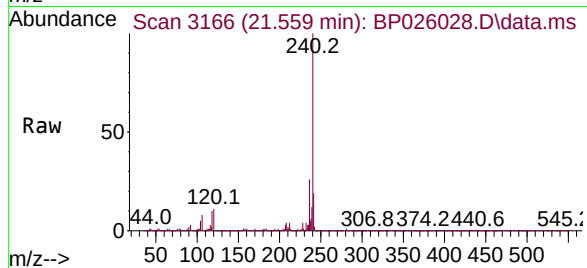
Tgt Ion: 188 Resp: 1645754
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.2 7.9 11.9



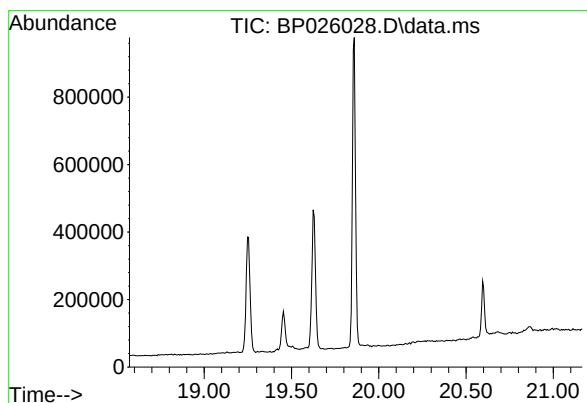
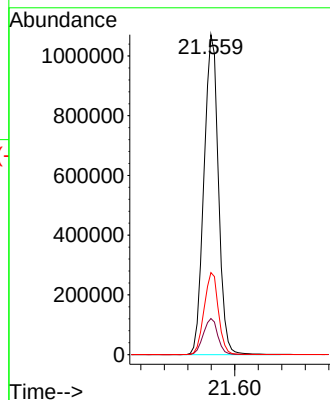
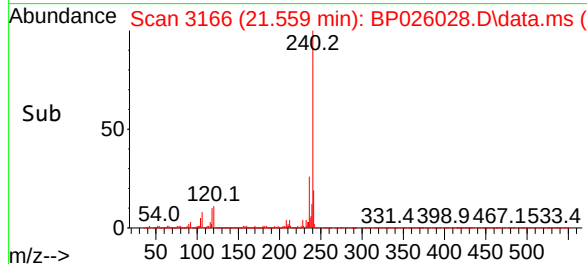


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



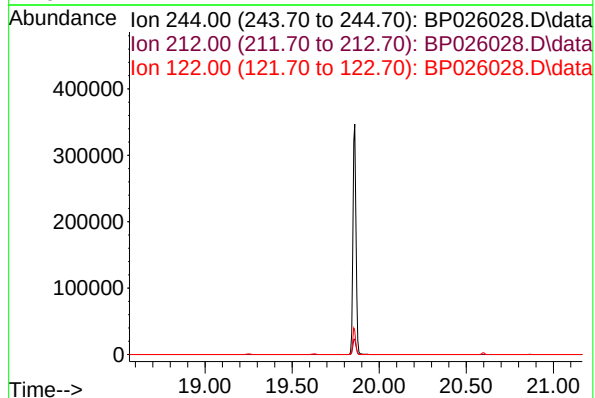
Tgt Ion: 240 Resp: 1828965
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.6 20.6 31.0

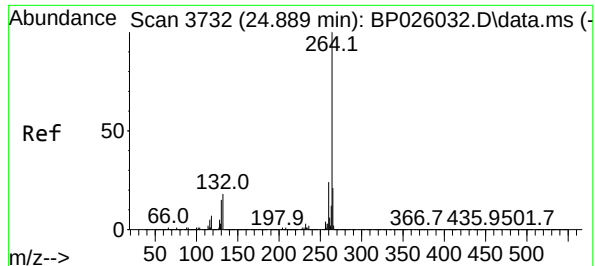


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.87 min

Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.5
122 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.871 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026028.D

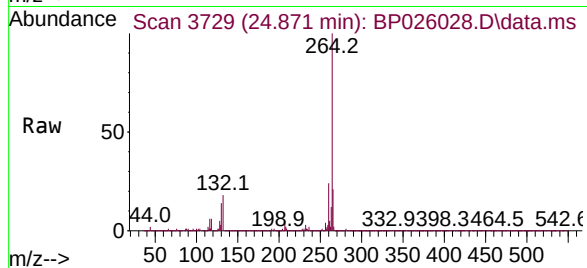
Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



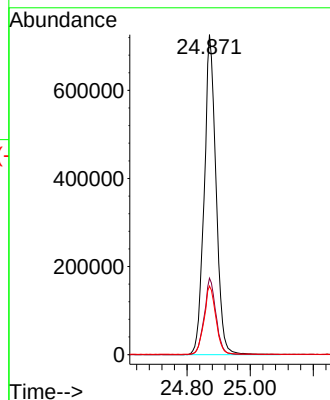
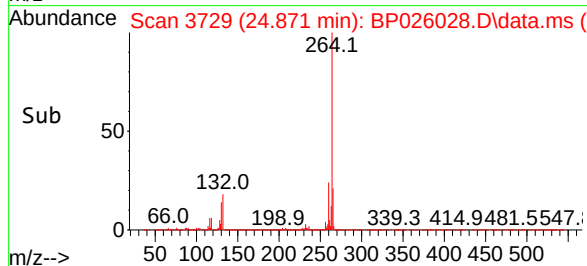
Tgt Ion:264 Resp: 1886321

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.4 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026029.D
 Acq On : 29 Oct 2025 10:07
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Oct 29 18:07:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	341461	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1420199	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	925892	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1817309	20.000	ng	0.00
76) Chrysene-d12	21.572	240	2025692	20.000	ng	0.00
86) Perylene-d12	24.860	264	2104784	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	180174	8.707	ng	0.00
7) Phenol-d6	6.849	99	233297	8.858	ng	0.00
23) Nitrobenzene-d5	8.819	82	182124	7.994	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	71861	7.179	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	624927	9.698	ng	0.00
79) Terphenyl-d14	19.866	244	964860	9.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.237	88	40256	4.615	ng	98
3) Pyridine	3.626	79	113576	4.580	ng	99
6) Aniline	7.014	93	161620	4.598	ng	99
8) 2-Chlorophenol	7.255	128	95293	4.159	ng	95
10) Phenol	6.872	94	131630	4.502	ng	98
11) bis(2-Chloroethyl)ether	7.108	93	108520	4.703	ng	98
12) 1,3-Dichlorobenzene	7.578	146	125141	4.755	ng	98
13) 1,4-Dichlorobenzene	7.719	146	127251	4.783	ng	98
14) 1,2-Dichlorobenzene	8.025	146	120561	4.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	168852	4.841	ng	99
17) 2-Methylphenol	8.108	107	81751	4.270	ng	99
18) Hexachloroethane	8.749	117	41029	4.506	ng	98
19) n-Nitroso-di-n-propyla...	8.472	70	76340	4.669	ng	98
22) Acetophenone	8.484	105	170727	4.753	ng	# 98
24) Nitrobenzene	8.861	77	100098	4.161	ng	95
25) Isophorone	9.378	82	215193	4.413	ng	98
26) 2-Nitrophenol	9.566	139	24644	5.305	ng	98
27) 2,4-Dimethylphenol	9.625	122	86372	4.212	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	144278	4.695	ng	100
29) 2,4-Dichlorophenol	10.090	162	85429	3.946	ng	98
30) 1,2,4-Trichlorobenzene	10.313	180	108660	4.617	ng	98
31) Naphthalene	10.502	128	368922	4.764	ng	99
33) 4-Chloroaniline	10.602	127	132749	4.461	ng	98
34) Hexachlorobutadiene	10.796	225	70220	4.696	ng	99
36) 4-Chloro-3-methylphenol	11.719	107	91199	4.018	ng	99
37) 2-Methylnaphthalene	12.113	142	254416	4.694	ng	99
38) 1-Methylnaphthalene	12.343	142	251883	4.783	ng	97
40) 1,2,4,5-Tetrachloroben...	12.484	216	132759	4.615	ng	99
43) 2,4,6-Trichlorophenol	12.731	196	59158	3.479	ng	99
44) 2,4,5-Trichlorophenol	12.796	196	71602	3.690	ng	97
46) 1,1'-Biphenyl	13.137	154	336536	4.747	ng	99
47) 2-Chloronaphthalene	13.178	162	261657	4.691	ng	97
48) 2-Nitroaniline	13.372	65	38315	5.289	ng	96
49) Acenaphthylene	14.031	152	358129	4.405	ng	100
50) Dimethylphthalate	13.772	163	296661	4.405	ng	100
51) 2,6-Dinitrotoluene	13.878	165	32784	5.334	ng	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026029.D
 Acq On : 29 Oct 2025 10:07
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

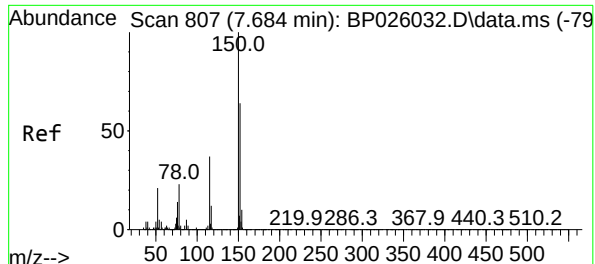
Quant Time: Oct 29 18:07:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.384	154	254758	4.564	ng	97
53) 3-Nitroaniline	14.201	138	40998	5.191	ng	# 90
55) Dibenzofuran	14.725	168	399319	4.735	ng	99
57) 2,4-Dinitrotoluene	14.672	165	45113	5.098	ng	98
58) Fluorene	15.384	166	311704	4.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.948	232	51676	3.387	ng	96
60) Diethylphthalate	15.166	149	287071	4.240	ng	98
61) 4-Chlorophenyl-phenyle...	15.396	204	161882	4.907	ng	96
62) 4-Nitroaniline	15.390	138	47887	3.327	ng	90
63) Azobenzene	15.690	77	279169	4.550	ng	99
66) n-Nitrosodiphenylamine	15.595	169	260751	4.589	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	93744	4.650	ng	97
68) Hexachlorobenzene	16.419	284	108797	4.741	ng	99
69) Atrazine	16.578	200	80346	4.192	ng	99
71) Phenanthrene	17.172	178	514616	4.865	ng	99
72) Anthracene	17.260	178	483312	4.609	ng	99
73) Carbazole	17.537	167	447699	4.511	ng	99
74) Di-n-butylphthalate	18.154	149	425656	3.833	ng	99
75) Fluoranthene	19.260	202	572045	4.636	ng	98
78) Pyrene	19.631	202	608386	4.441	ng	99
80) Butylbenzylphthalate	20.607	149	118757	5.554	ng	97
81) Benzo(a)anthracene	21.548	228	647742	4.653	ng	99
83) Chrysene	21.613	228	612715	4.647	ng	100
84) Bis(2-ethylhexyl)phtha...	21.525	149	229182	5.327	ng	99
87) Indeno(1,2,3-cd)pyrene	28.630	276	626036	4.030	ng	97
88) Benzo(b)fluoranthene	23.824	252	565252	4.326	ng	98
89) Benzo(k)fluoranthene	23.895	252	588563	4.411	ng	97
90) Benzo(a)pyrene	24.713	252	495105	4.124	ng	99
91) Dibenzo(a,h)anthracene	28.712	278	514485	4.069	ng	97
92) Benzo(g,h,i)perylene	29.748	276	508408	4.178	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

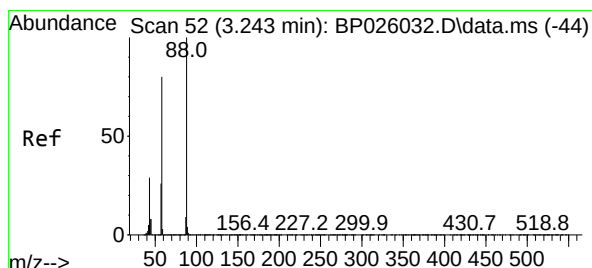
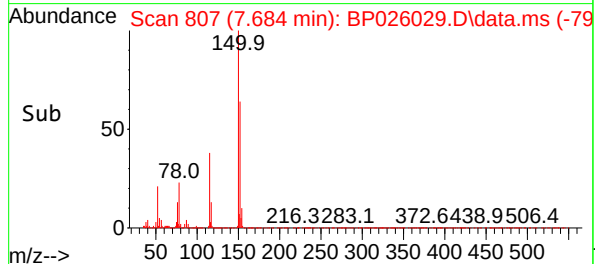
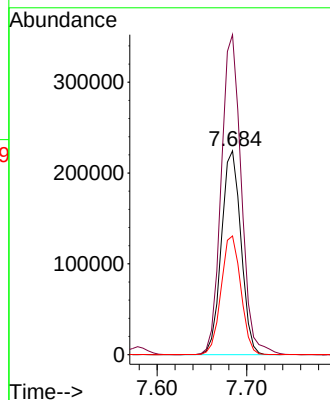
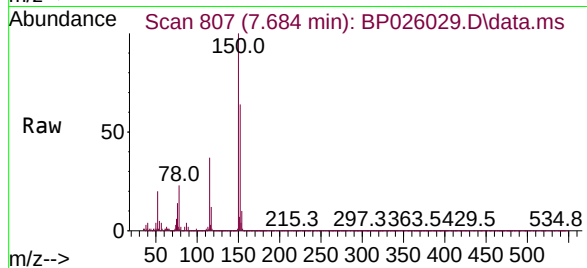
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

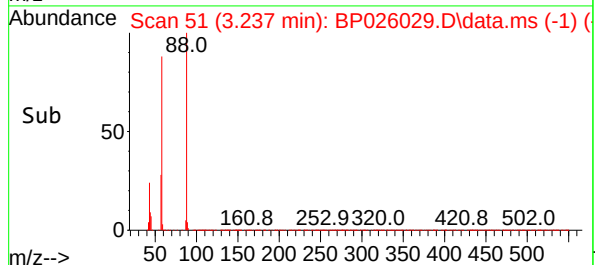
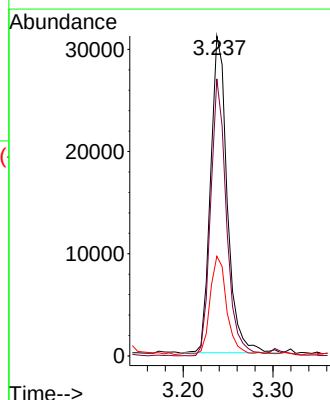
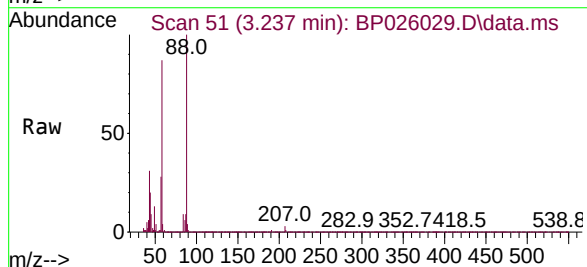
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

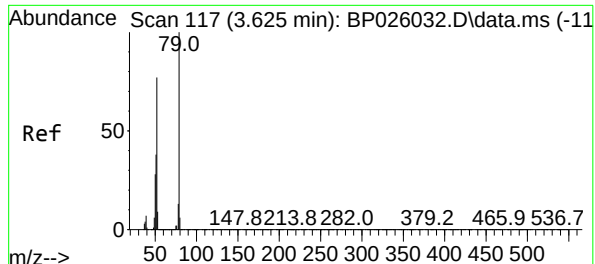
Tgt Ion:152 Resp: 341461
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 58.3 46.4 69.6



#2
1,4-Dioxane
Concen: 4.615 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 88 Resp: 40256
Ion Ratio Lower Upper
88 100
58 83.2 65.4 98.0
43 31.1 23.1 34.7





#3

Pyridine

Concen: 4.580 ng

RT: 3.626 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

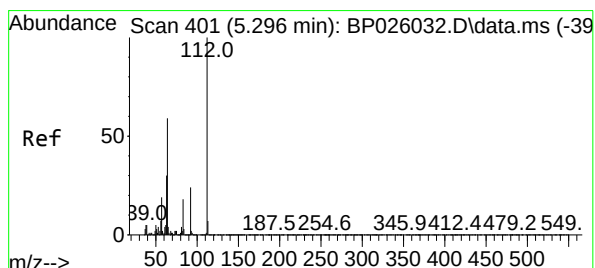
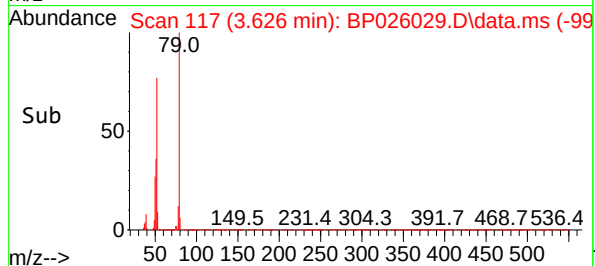
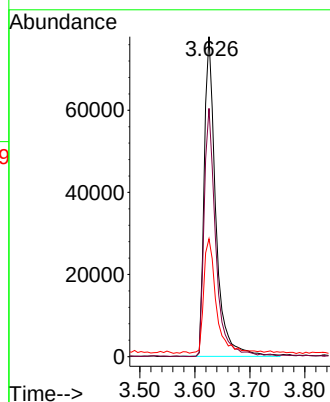
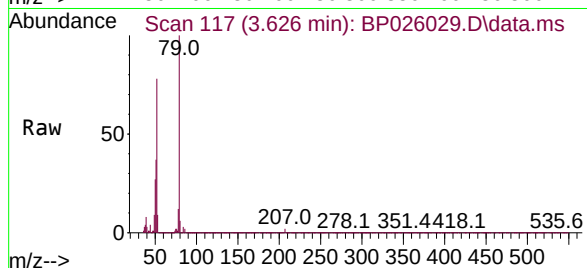
BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 113576

Ion	Ratio	Lower	Upper
79	100		
52	77.6	62.0	93.0
51	36.8	30.6	46.0



#5

2-Fluorophenol

Concen: 8.707 ng

RT: 5.296 min Scan# 401

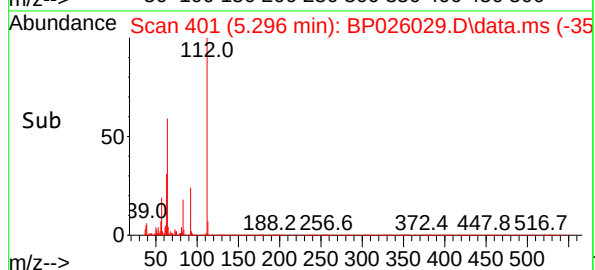
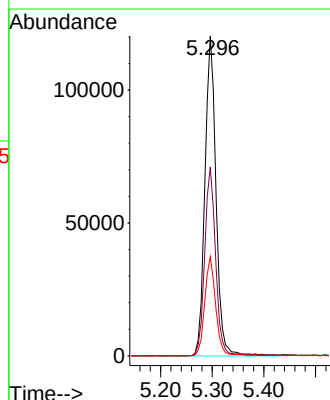
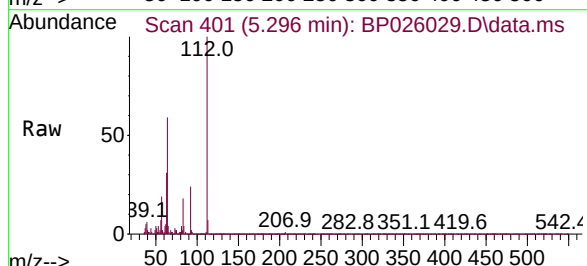
Delta R.T. 0.000 min

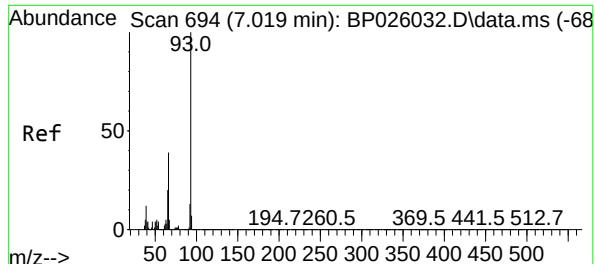
Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion: 112 Resp: 180174

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.4	71.2
63	31.0	24.2	36.4

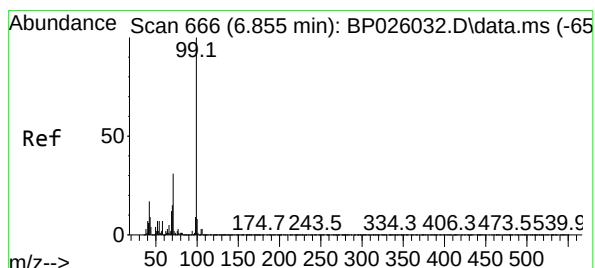
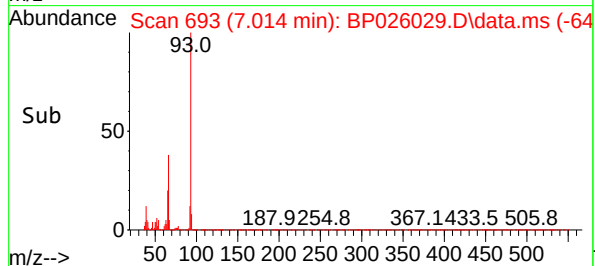
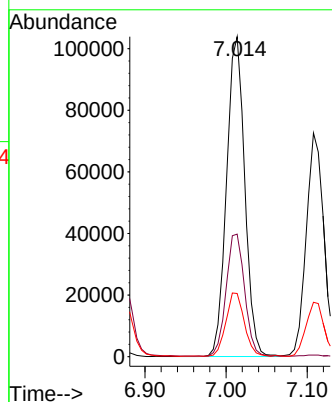
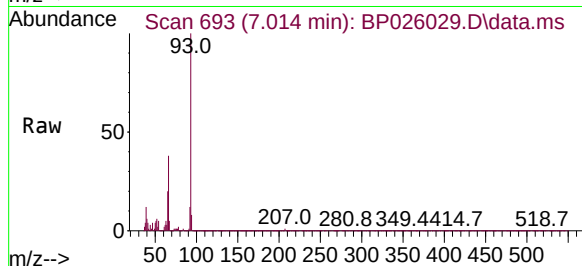




#6
Aniline
Concen: 4.598 ng
RT: 7.014 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

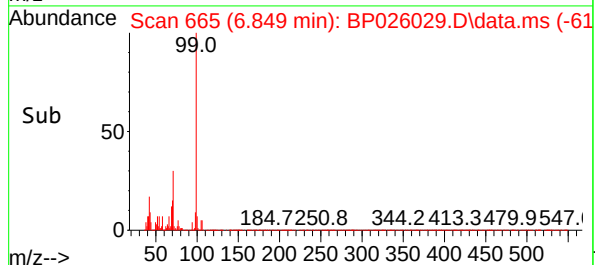
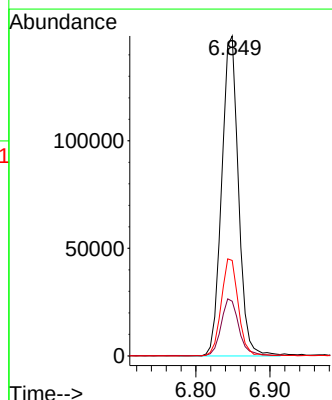
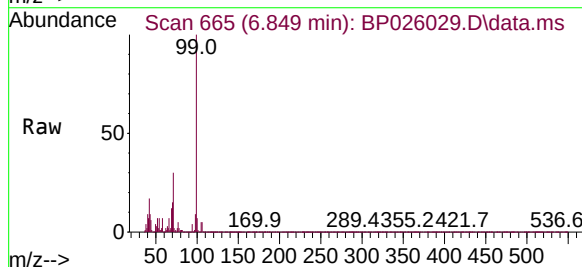
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

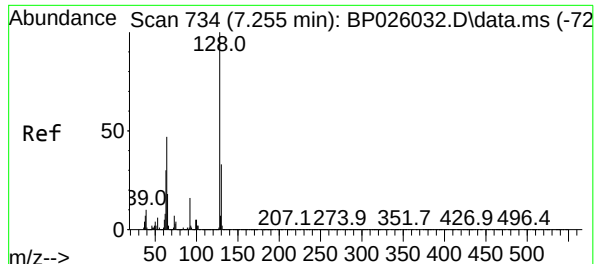
Tgt Ion: 93 Resp: 161620
Ion Ratio Lower Upper
93 100
66 38.3 31.2 46.8
65 19.7 16.1 24.1



#7
Phenol-d6
Concen: 8.858 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 99 Resp: 233297
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 29.8 24.4 36.6

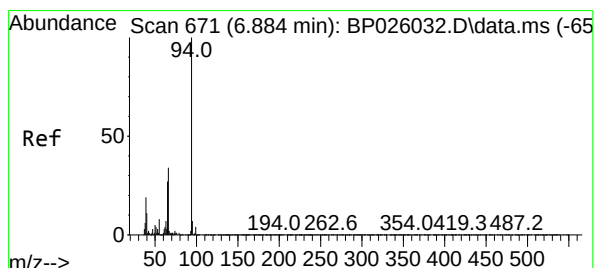
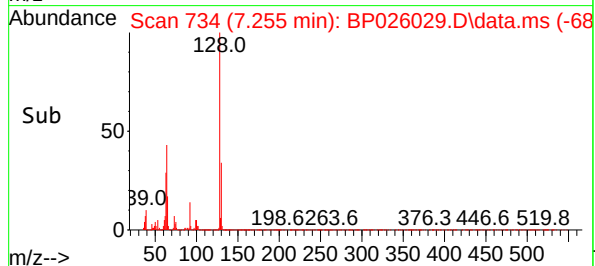
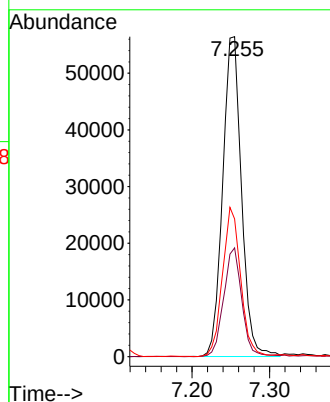
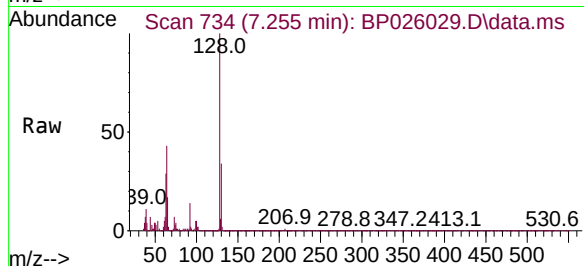




#8
2-Chlorophenol
Concen: 4.159 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

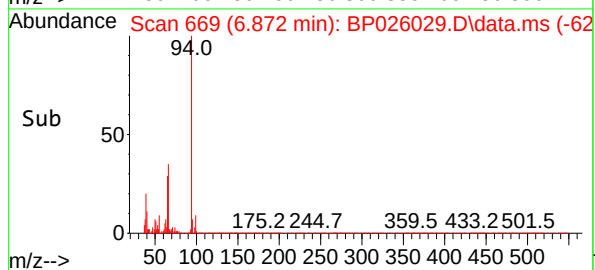
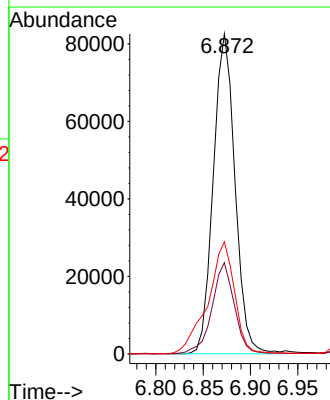
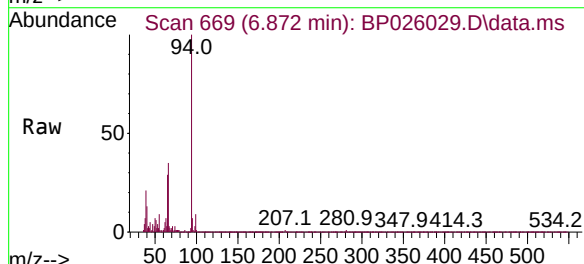
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

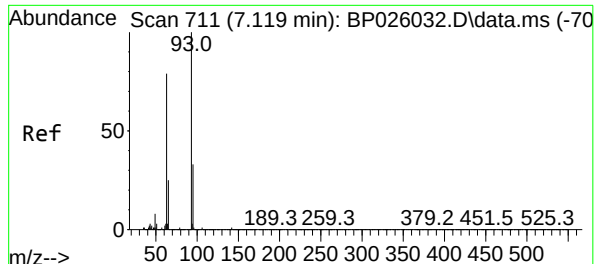
Tgt Ion:128 Resp: 95293
Ion Ratio Lower Upper
128 100
130 34.0 12.7 52.7
64 43.0 27.4 67.4



#10
Phenol
Concen: 4.502 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 94 Resp: 131630
Ion Ratio Lower Upper
94 100
65 28.5 7.1 47.1
66 35.0 14.4 54.4

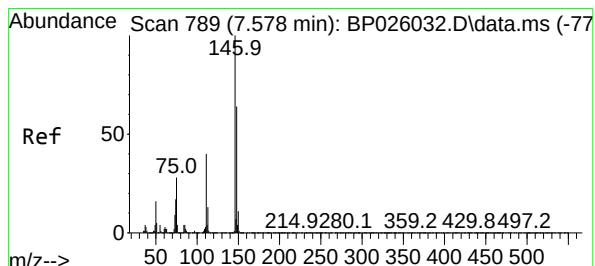
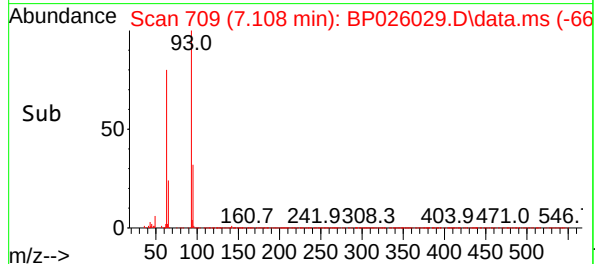
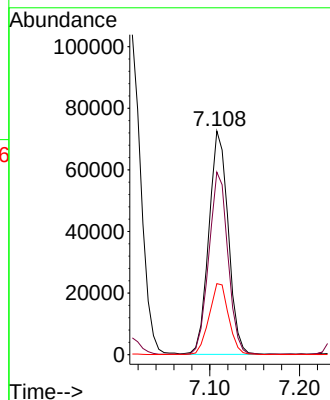
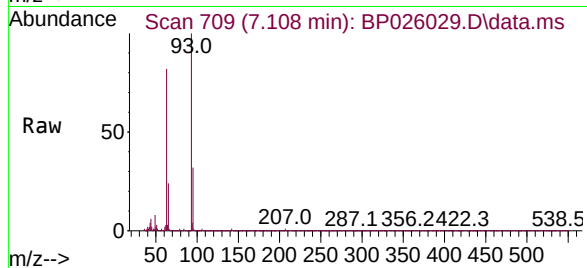




#11
bis(2-Chloroethyl)ether
Concen: 4.703 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

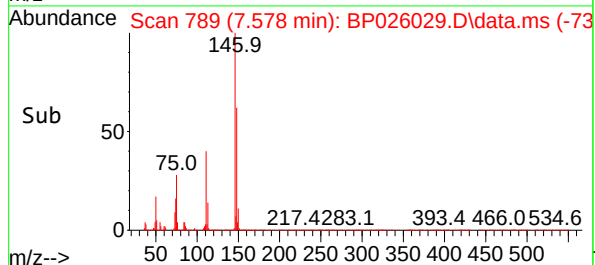
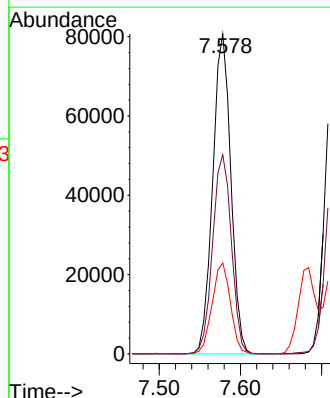
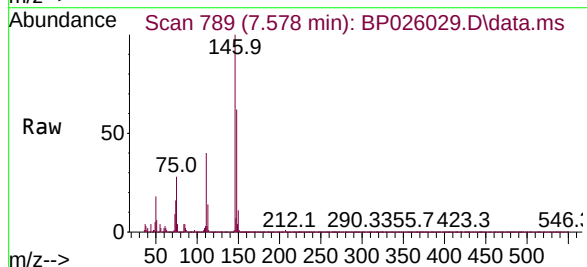
Instrument :
BNA_P
ClientSampleId :
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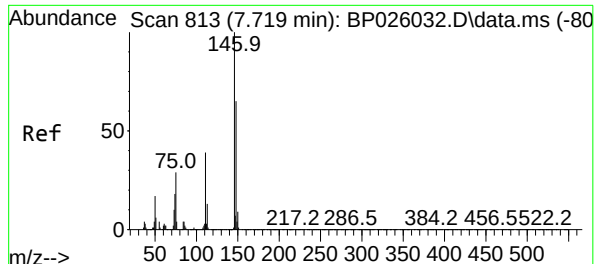
Tgt Ion: 93 Resp: 108520
Ion Ratio Lower Upper
93 100
63 81.6 59.1 99.1
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 4.755 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 146 Resp: 125141
Ion Ratio Lower Upper
146 100
148 62.2 51.6 77.4
75 28.4 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 4.783 ng

RT: 7.719 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

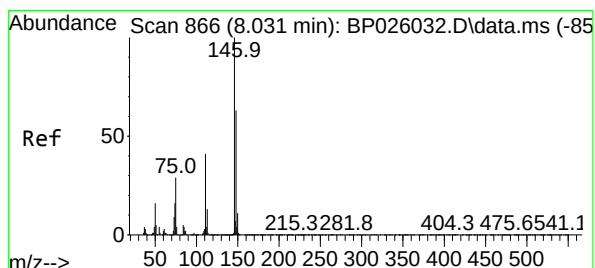
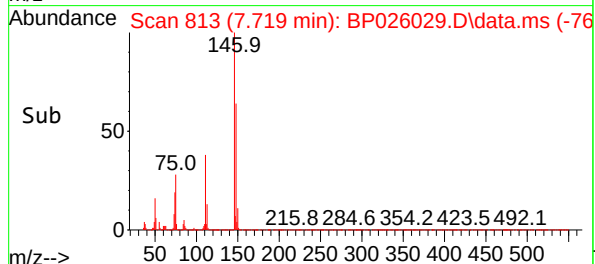
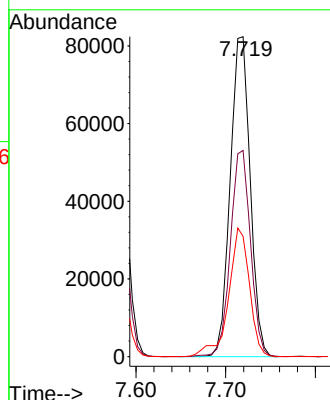
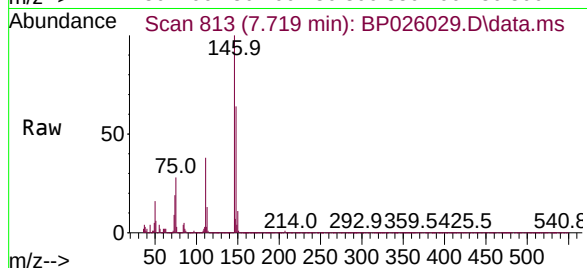
Tgt Ion:146 Resp: 127251

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 37.6 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 4.748 ng

RT: 8.025 min Scan# 865

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

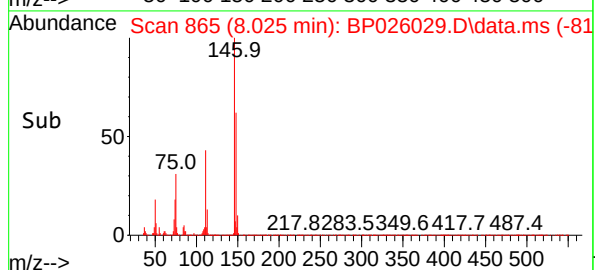
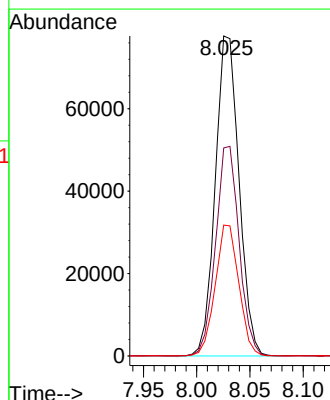
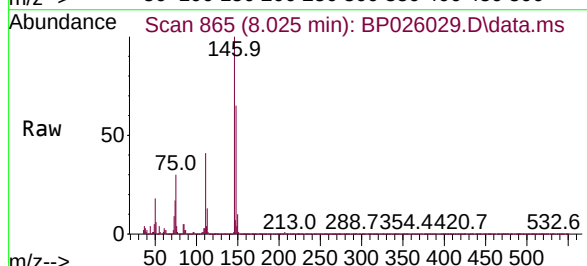
Tgt Ion:146 Resp: 120561

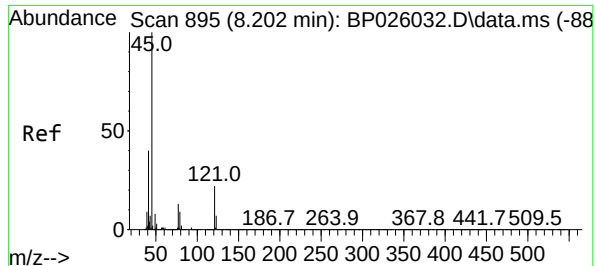
Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.9 33.0 49.4

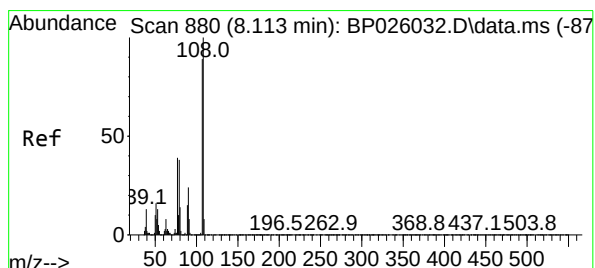
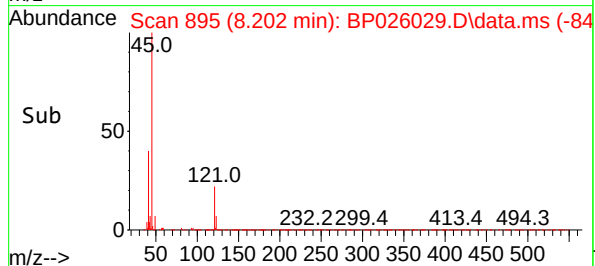
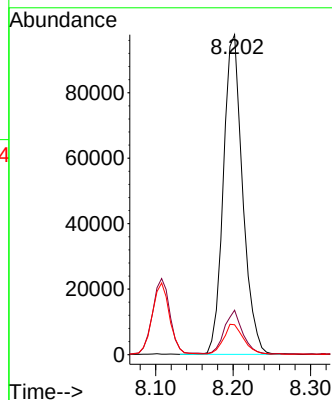
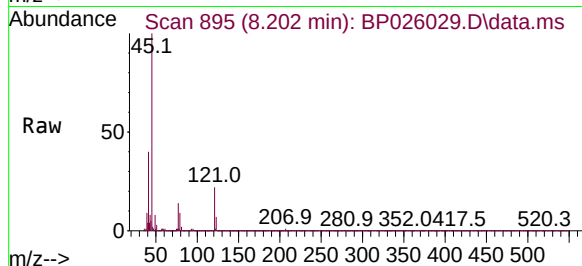




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.841 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

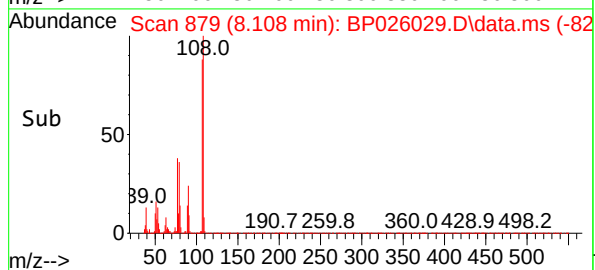
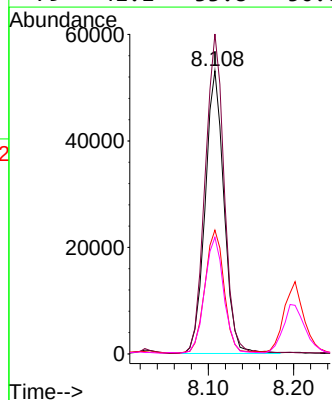
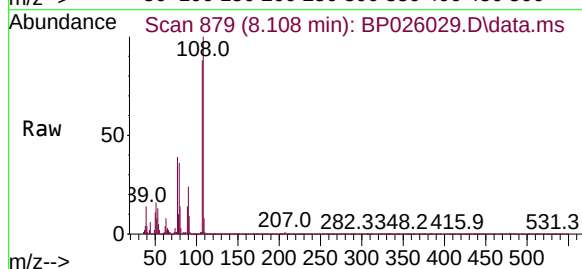
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

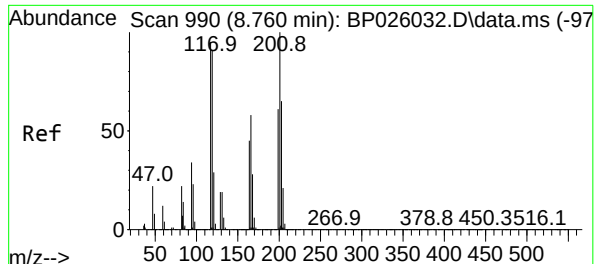
Tgt Ion: 45 Resp: 168852
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 9.3 0.0 29.5



#17
2-Methylphenol
Concen: 4.270 ng
RT: 8.108 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

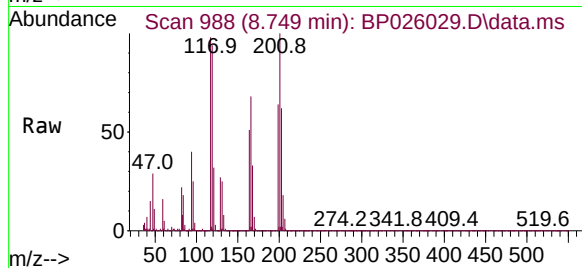
Tgt Ion: 107 Resp: 81751
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.8
77 43.7 34.8 52.2
79 41.1 33.8 50.6



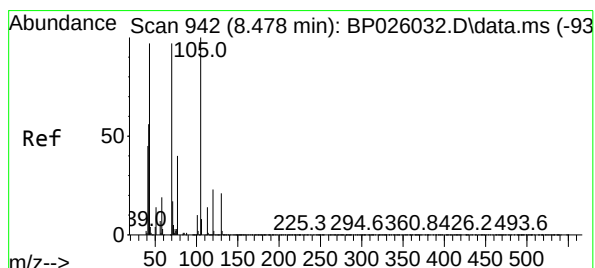
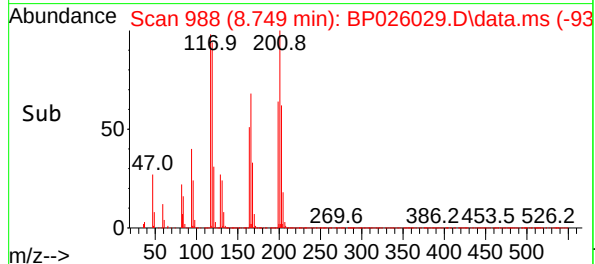
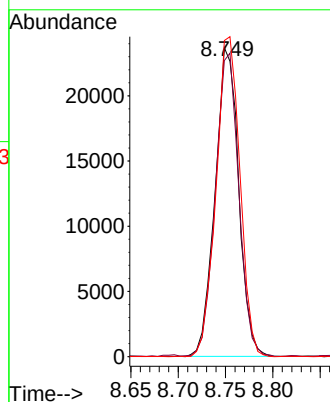


#18
Hexachloroethane
Concen: 4.506 ng
RT: 8.749 min Scan# 988
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

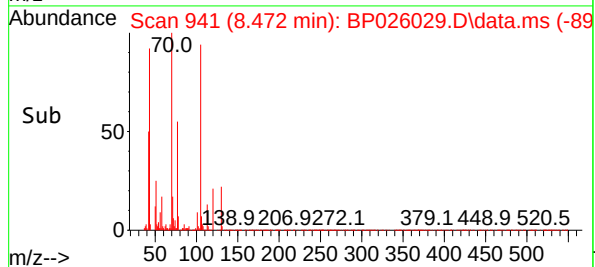
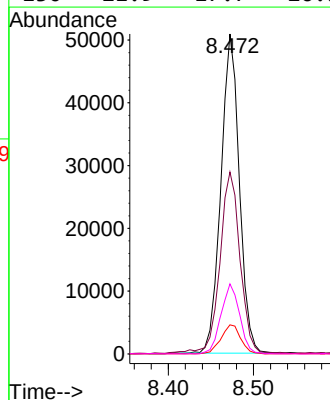
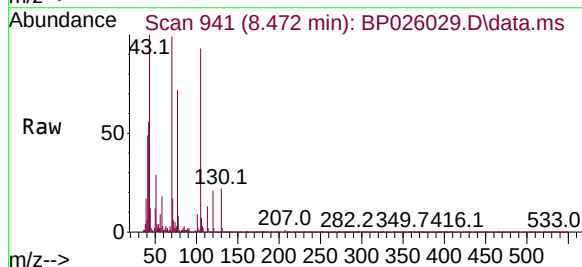


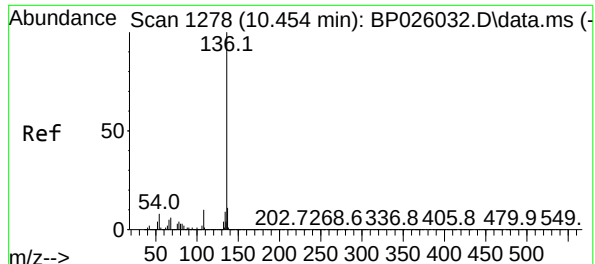
Tgt Ion:117 Resp: 41029
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 102.3 84.2 126.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.669 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.017 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 70 Resp: 76340
Ion Ratio Lower Upper
70 100
42 56.8 47.2 70.8
101 9.1 8.2 12.2
130 21.9 17.7 26.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 1420199

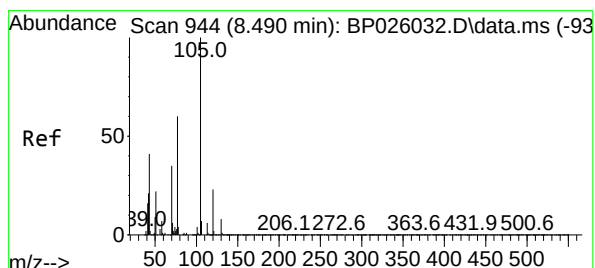
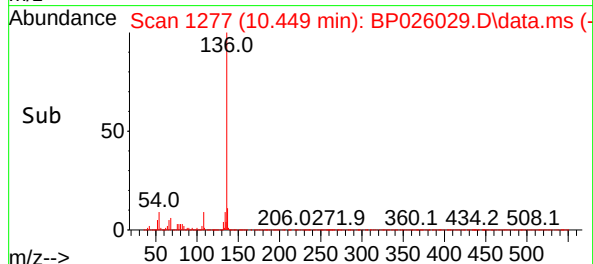
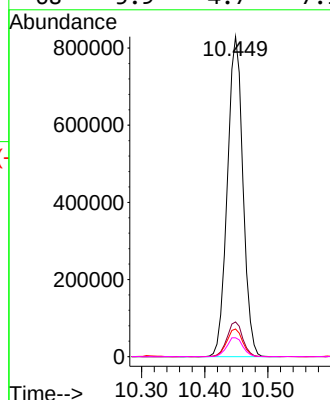
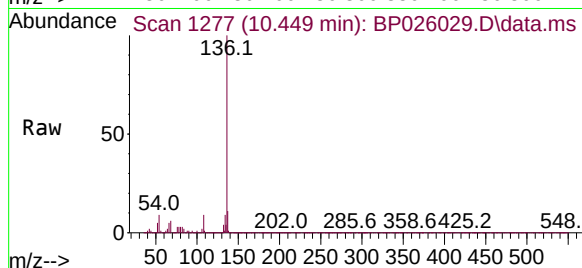
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 6.6 10.0

68 5.9 4.7 7.1



#22

Acetophenone

Concen: 4.753 ng

RT: 8.484 min Scan# 943

Delta R.T. -0.011 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:105 Resp: 170727

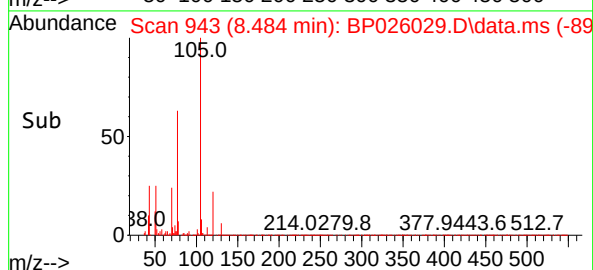
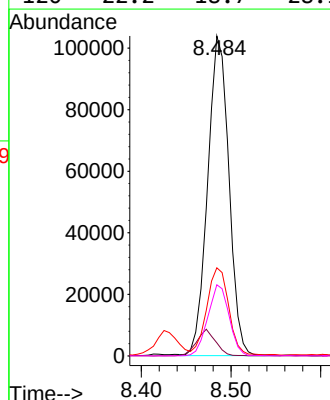
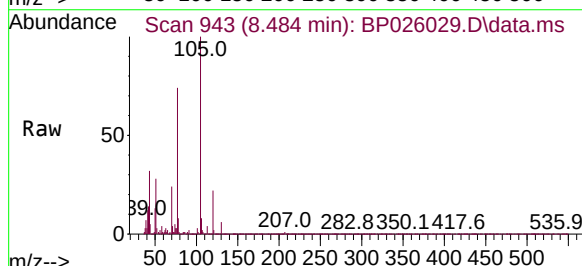
Ion Ratio Lower Upper

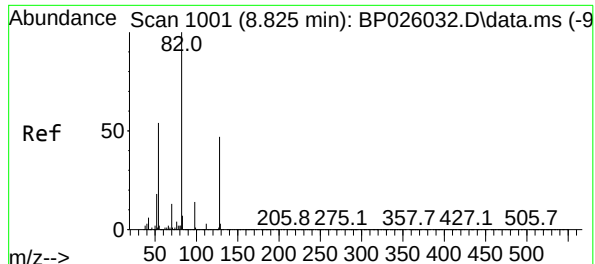
105 100

71 4.1 4.7 7.1#

51 27.5 21.8 32.8

120 22.2 18.7 28.1





#23

Nitrobenzene-d5

Concen: 7.994 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

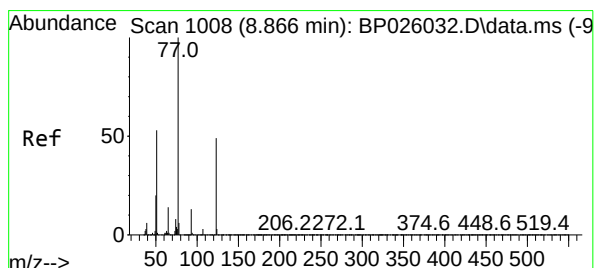
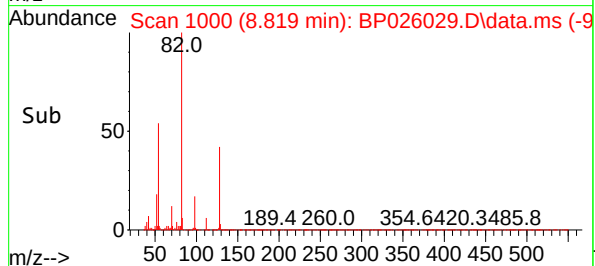
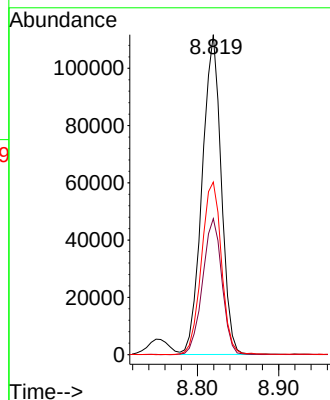
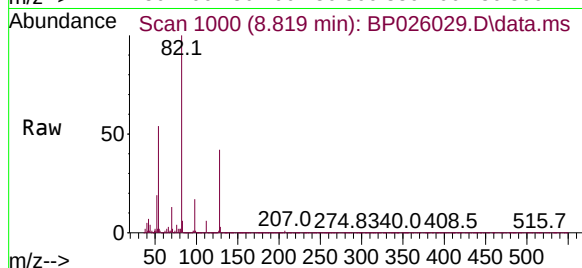
Tgt Ion: 82 Resp: 182124

Ion Ratio Lower Upper

82 100

128 42.5 37.4 56.0

54 53.9 42.7 64.1



#24

Nitrobenzene

Concen: 4.161 ng

RT: 8.861 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

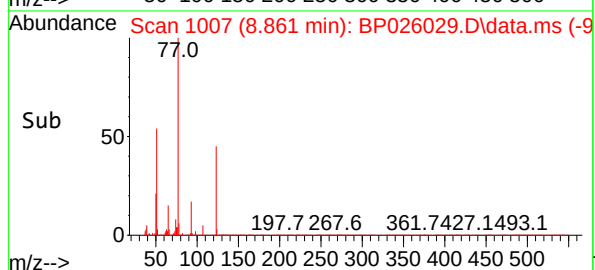
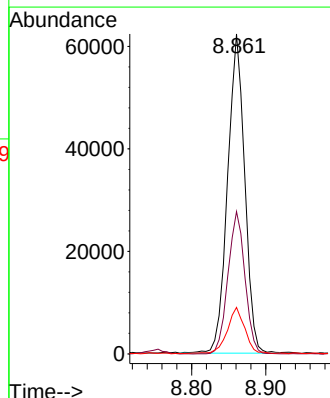
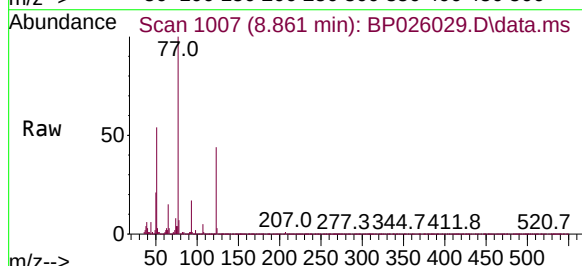
Tgt Ion: 77 Resp: 100098

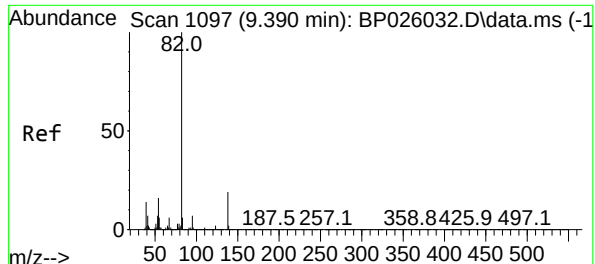
Ion Ratio Lower Upper

77 100

123 44.5 39.0 58.4

65 14.5 10.9 16.3

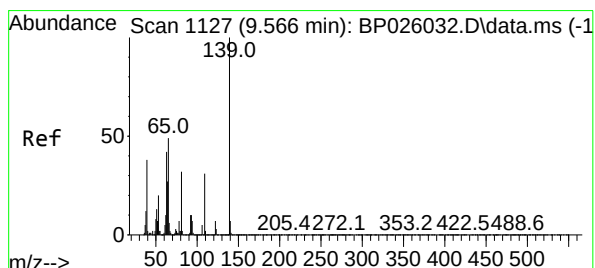
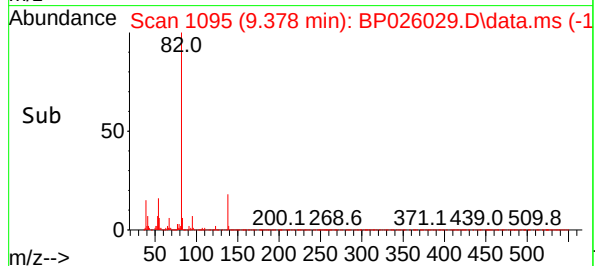
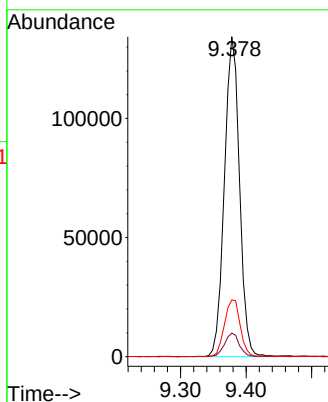
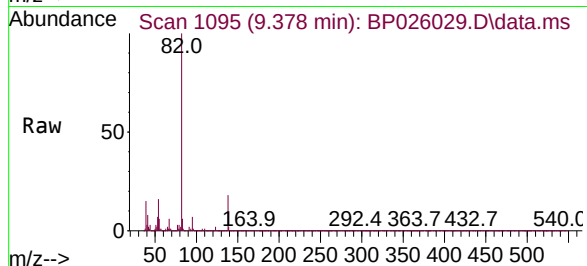




#25
Isophorone
Concen: 4.413 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

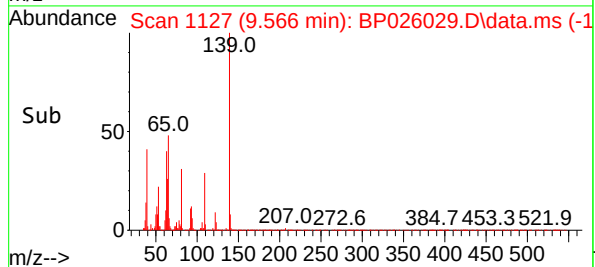
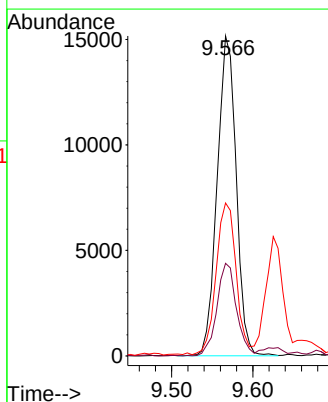
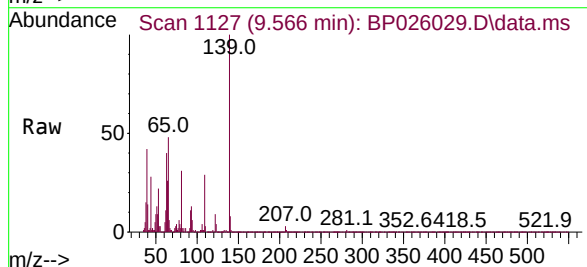
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

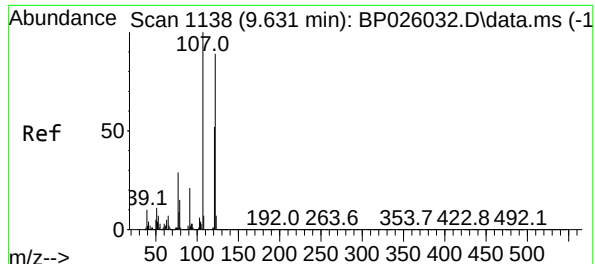
Tgt Ion: 82 Resp: 215193
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.8 15.0 22.6



#26
2-Nitrophenol
Concen: 5.305 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 139 Resp: 24644
Ion Ratio Lower Upper
139 100
109 28.9 24.8 37.2
65 47.8 39.0 58.4

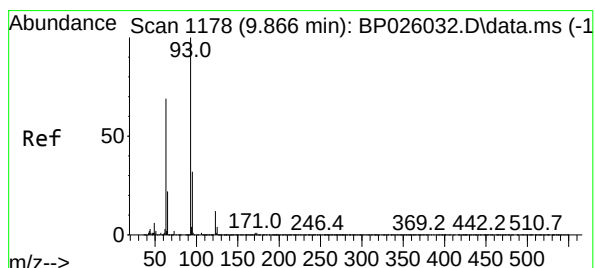
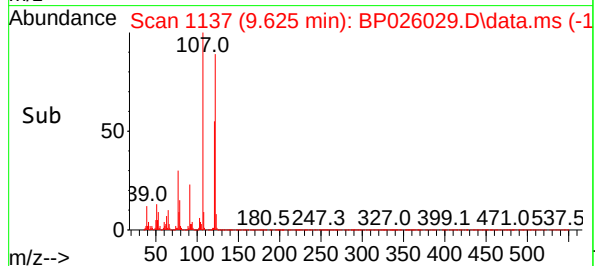
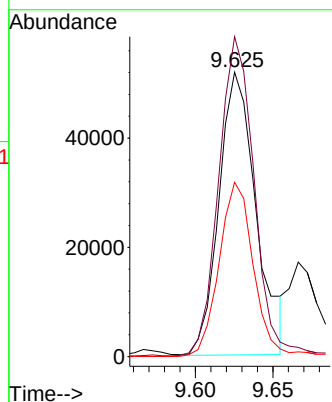
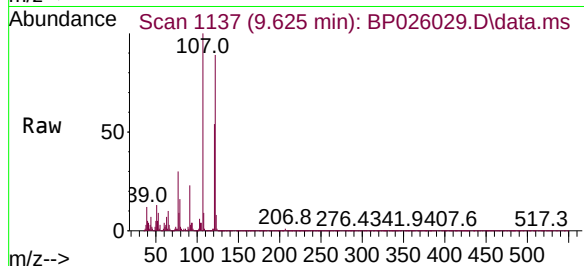




#27
2,4-Dimethylphenol
Concen: 4.212 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

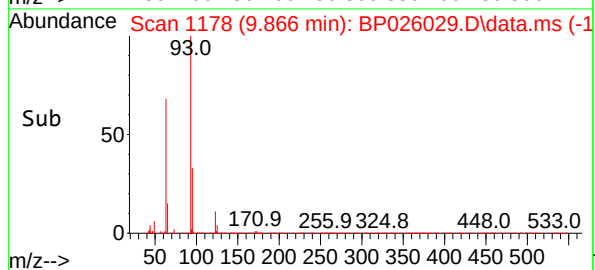
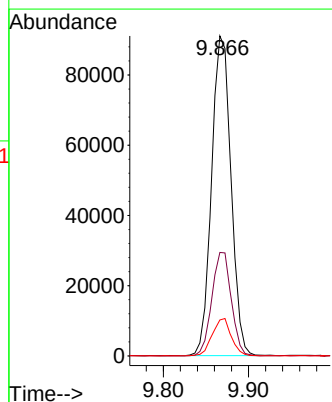
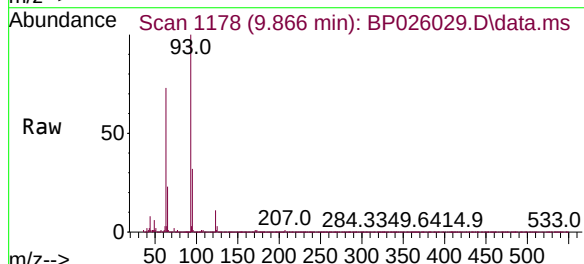
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

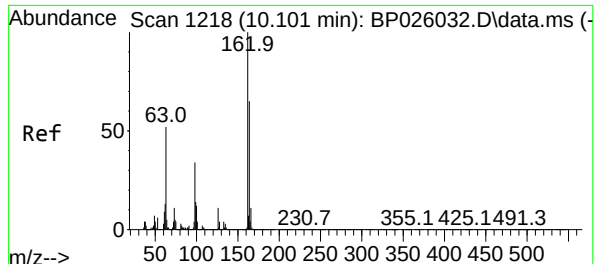
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.2	133.8
121	61.3	46.3	69.5



#28
bis(2-Chloroethoxy)methane
Concen: 4.695 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.2	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 3.946 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

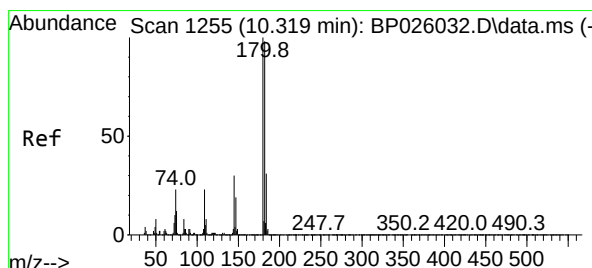
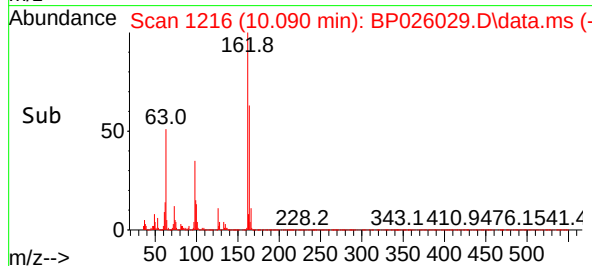
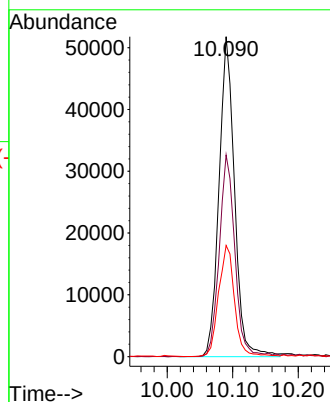
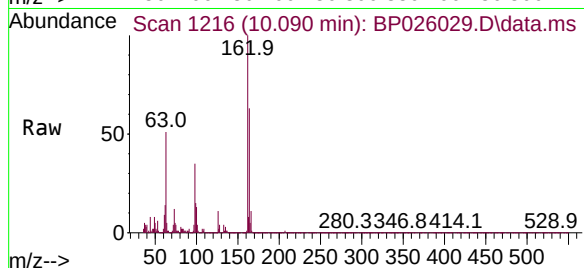
Tgt Ion:162 Resp: 85429

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

98 34.7 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 4.617 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

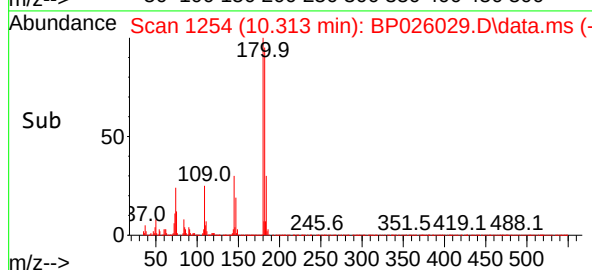
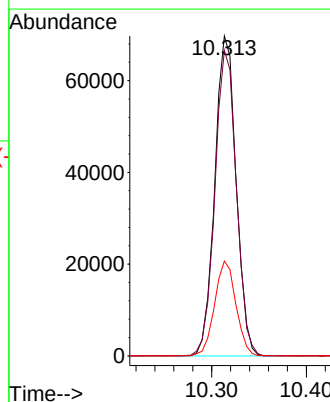
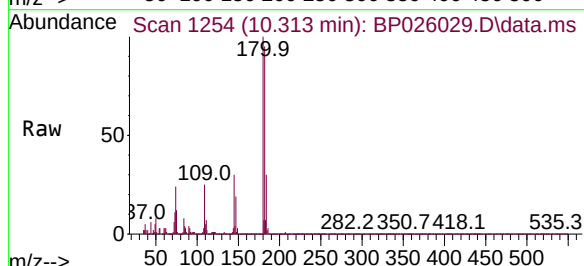
Tgt Ion:180 Resp: 108660

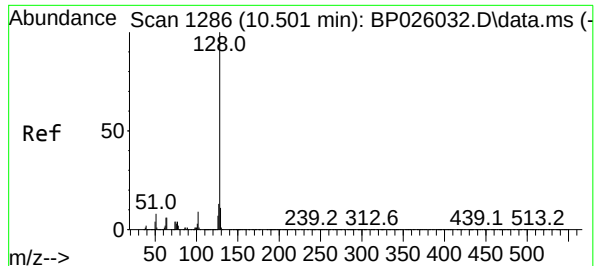
Ion Ratio Lower Upper

180 100

182 95.5 78.6 117.8

145 29.6 24.2 36.4

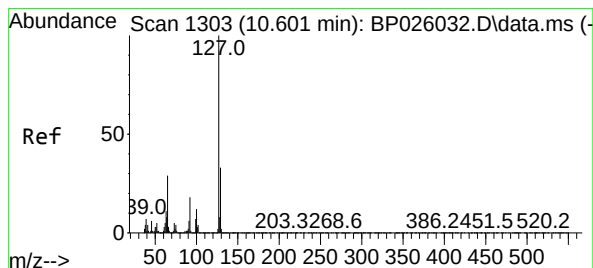
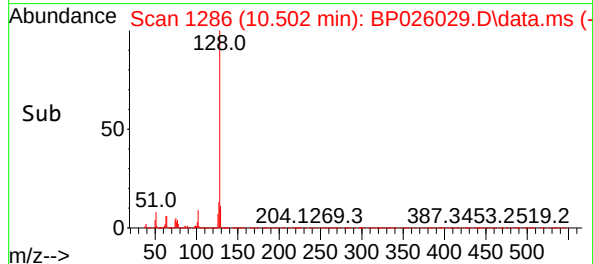
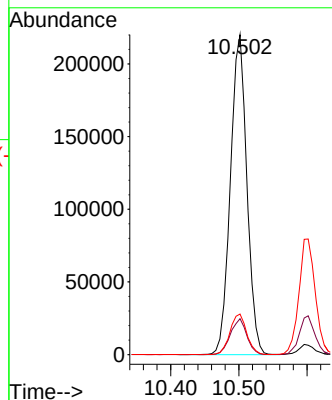
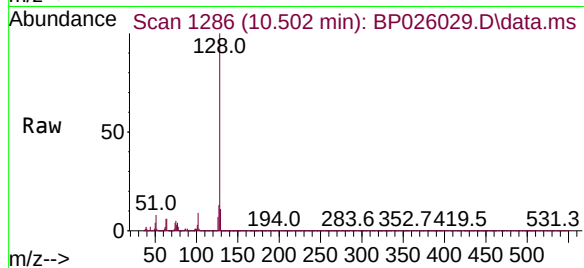




#31
Naphthalene
Concen: 4.764 ng
RT: 10.502 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

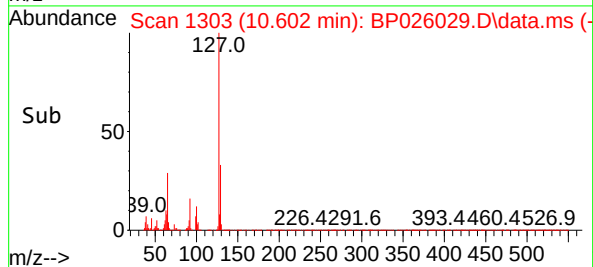
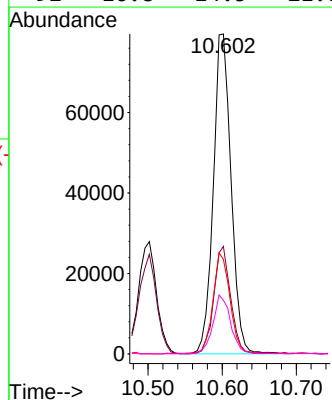
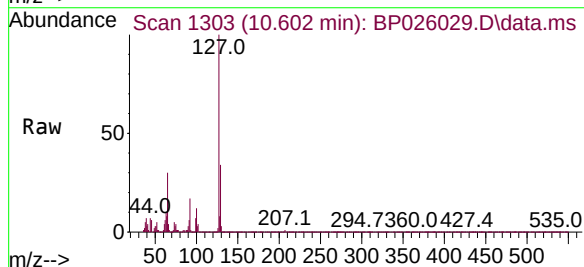
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

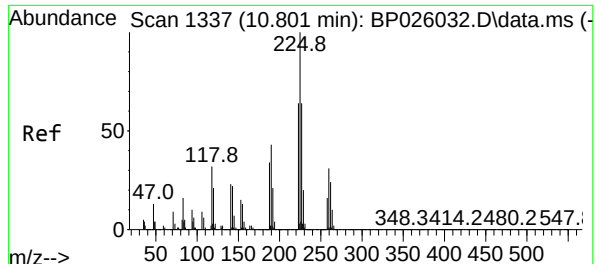
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.7	10.5	15.7



#33
4-Chloroaniline
Concen: 4.461 ng
RT: 10.602 min Scan# 1303
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.0	39.0
65	29.5	23.2	34.8
92	16.8	14.5	21.7

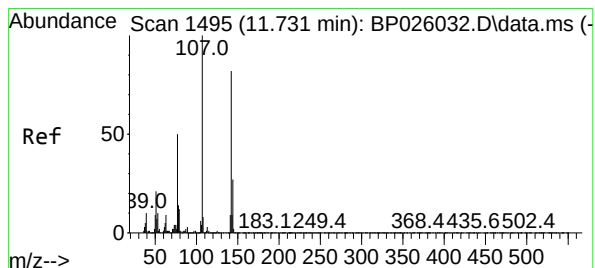
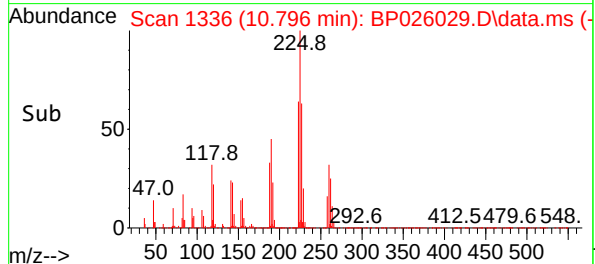
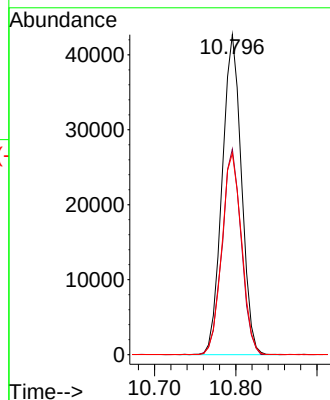
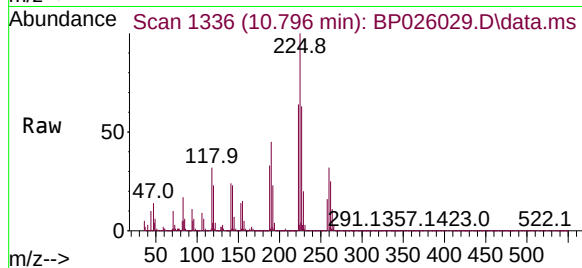




#34
Hexachlorobutadiene
Concen: 4.696 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

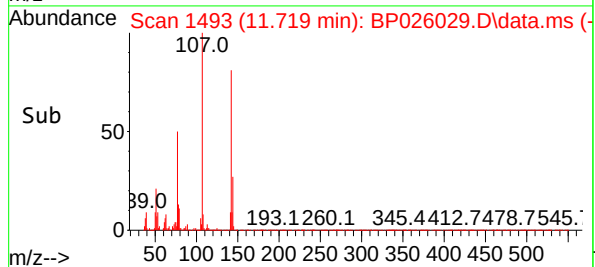
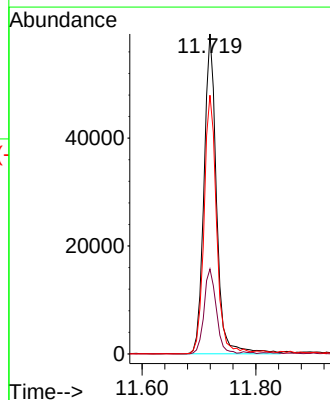
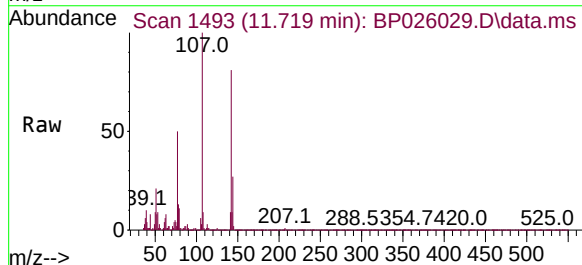
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

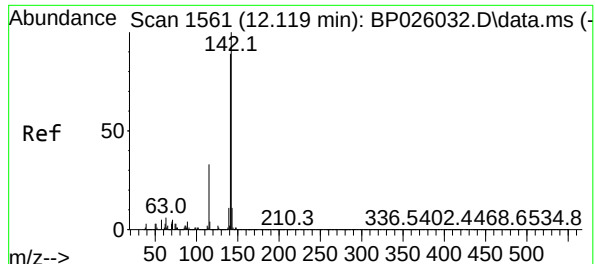
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.9	76.3
227	62.9	51.0	76.4



#36
4-Chloro-3-methylphenol
Concen: 4.018 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.3	31.9
142	80.8	65.2	97.8

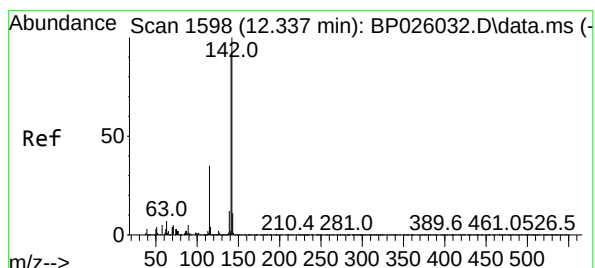
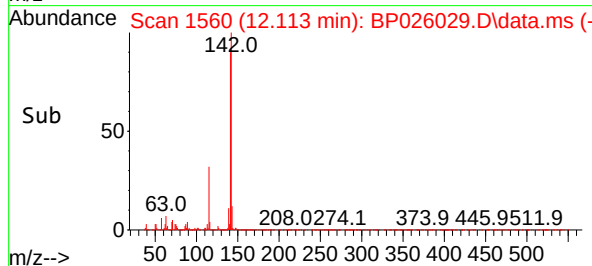
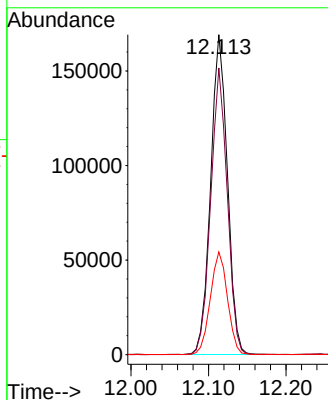
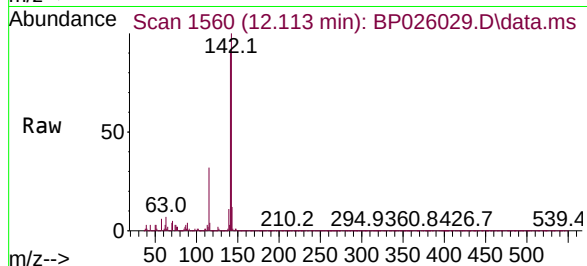




#37
2-Methylnaphthalene
Concen: 4.694 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

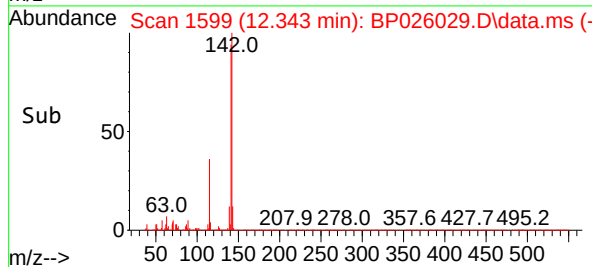
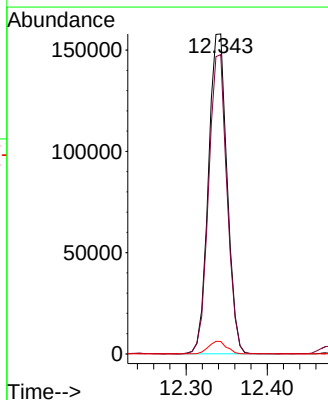
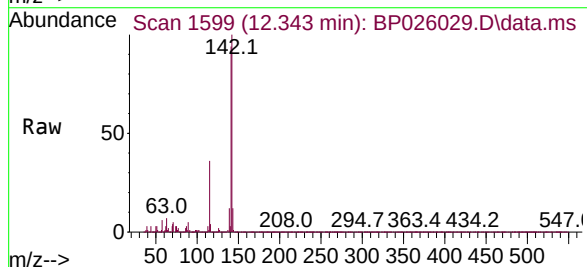
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

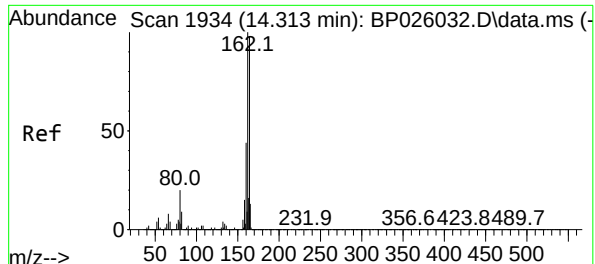
Tgt Ion:142 Resp: 254416
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4
115 32.1 26.6 39.8



#38
1-Methylnaphthalene
Concen: 4.783 ng
RT: 12.343 min Scan# 1599
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:142 Resp: 251883
Ion Ratio Lower Upper
142 100
141 93.5 72.7 109.1
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

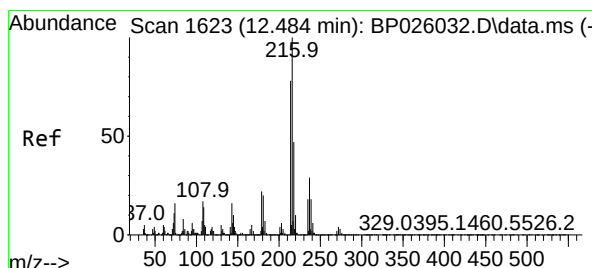
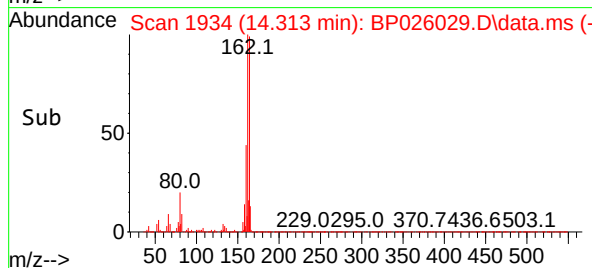
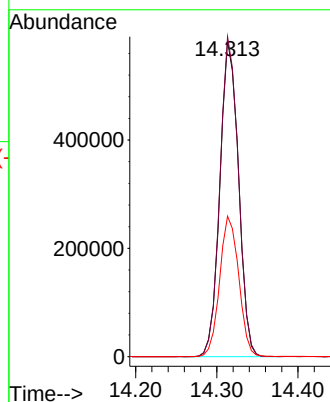
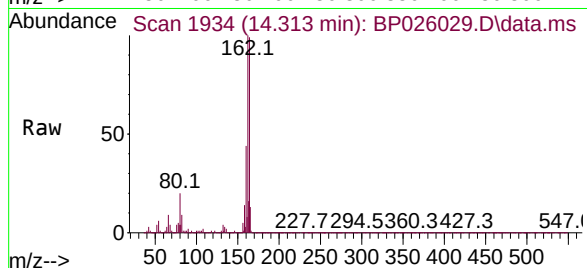
Tgt Ion:164 Resp: 925892

Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.615 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:216 Resp: 132759

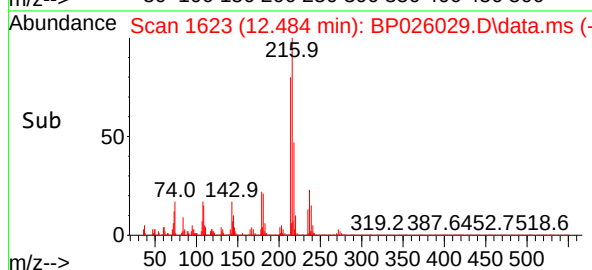
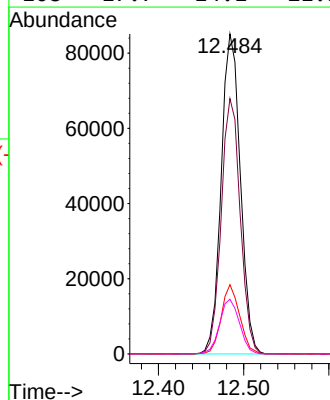
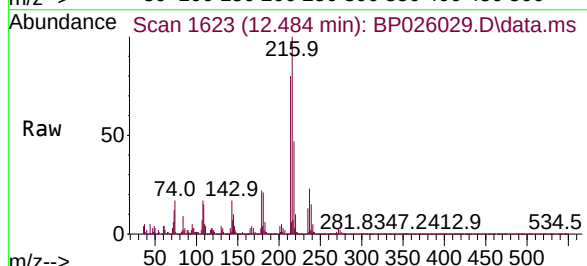
Ion Ratio Lower Upper

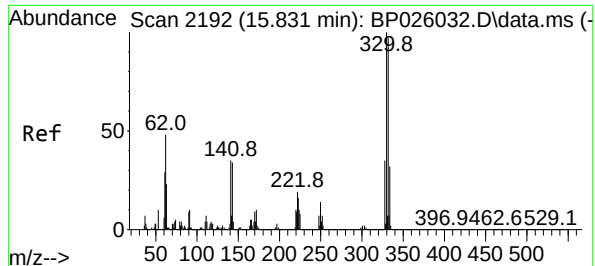
216 100

214 79.1 62.9 94.3

179 20.8 16.9 25.3

108 17.7 14.1 21.1





#42

2,4,6-Tribromophenol

Concen: 7.179 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

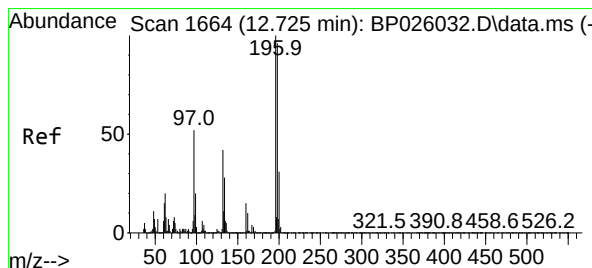
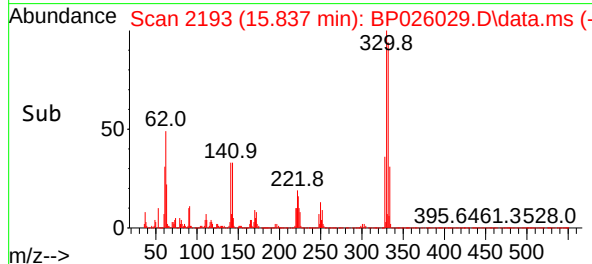
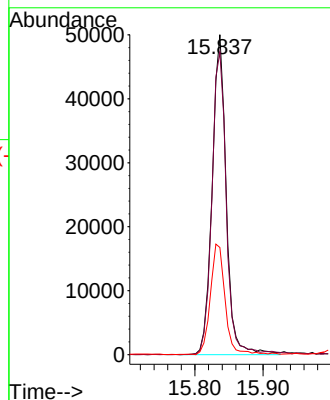
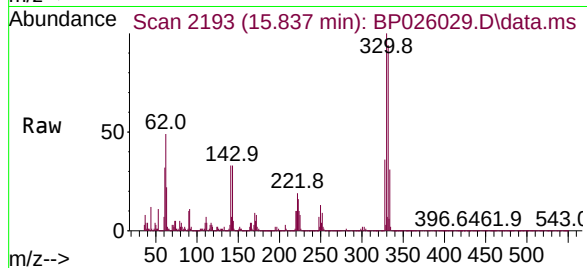
Tgt Ion:330 Resp: 71861

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 35.9 28.6 42.8



#43

2,4,6-Trichlorophenol

Concen: 3.479 ng

RT: 12.731 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

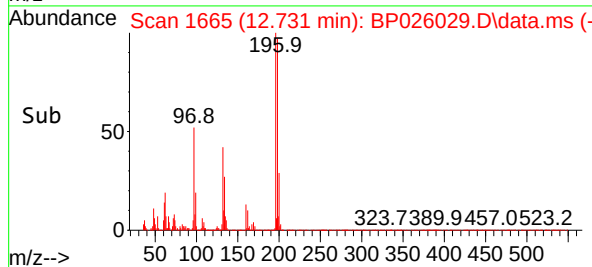
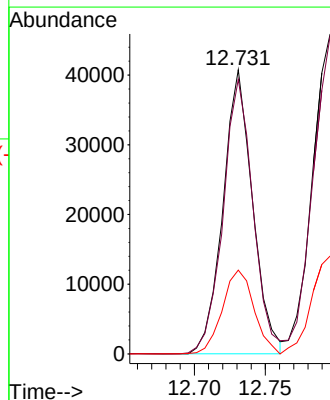
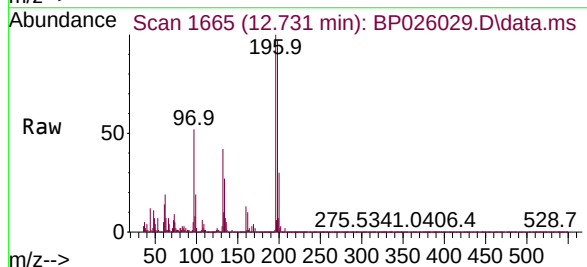
Tgt Ion:196 Resp: 59158

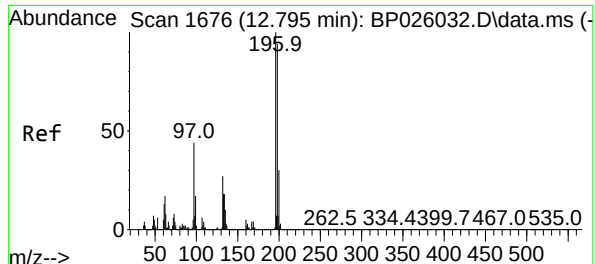
Ion Ratio Lower Upper

196 100

198 96.6 76.5 114.7

200 29.5 24.4 36.6

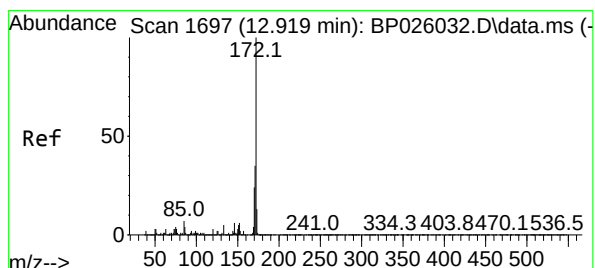
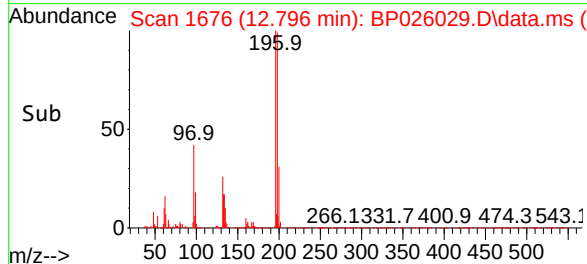
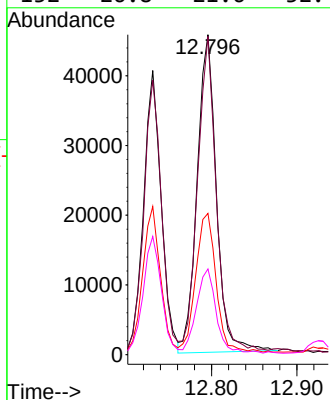
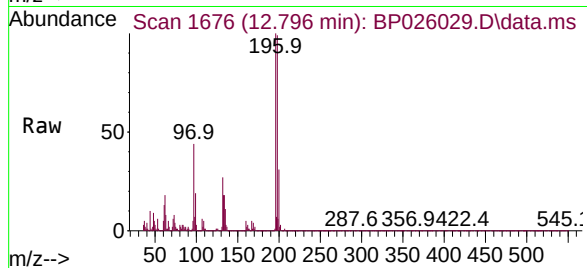




#44
2,4,5-Trichlorophenol
Concen: 3.690 ng
RT: 12.796 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

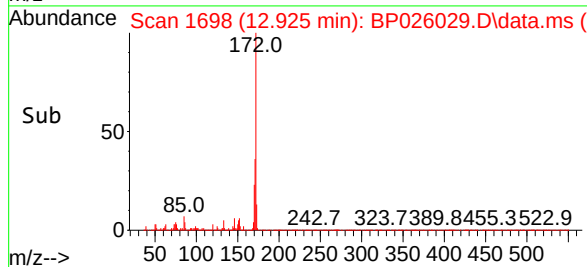
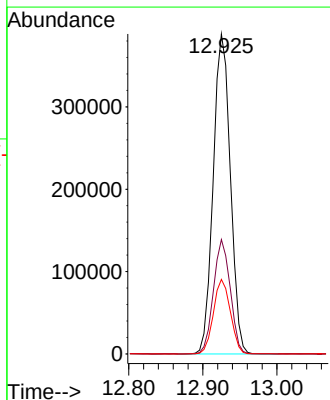
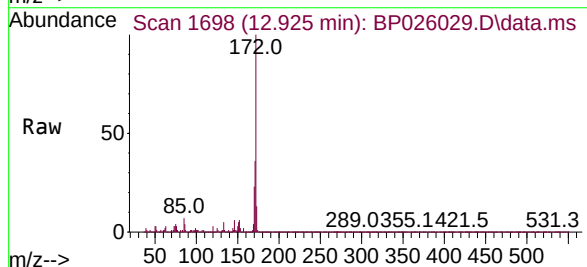
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

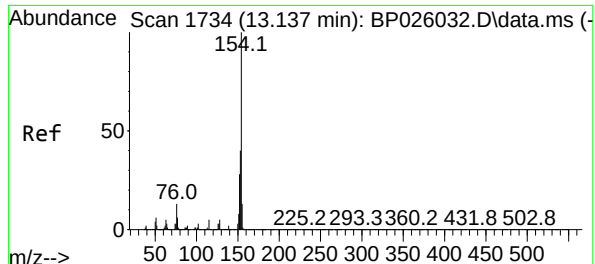
Tgt Ion:	196	Resp:	71602
Ion Ratio	Lower	Upper	
196	100		
198	99.4	75.1	112.7
97	44.1	35.5	53.3
132	26.8	21.6	32.4



#45
2-Fluorobiphenyl
Concen: 9.698 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:	172	Resp:	624927
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.9	41.9
170	23.3	19.0	28.4





#46

1,1'-Biphenyl

Concen: 4.747 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

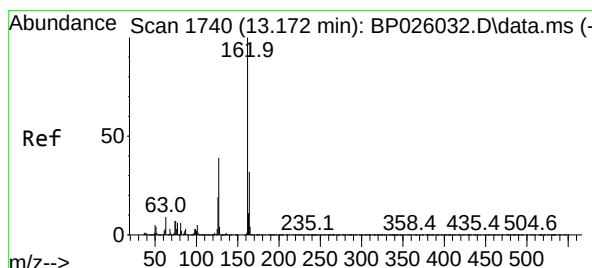
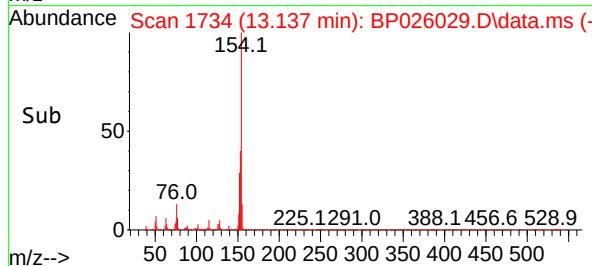
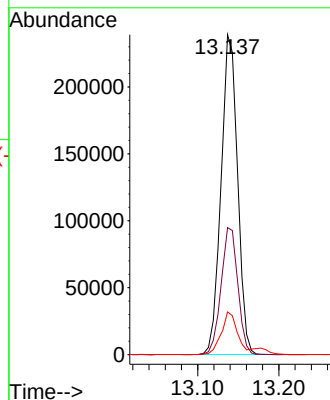
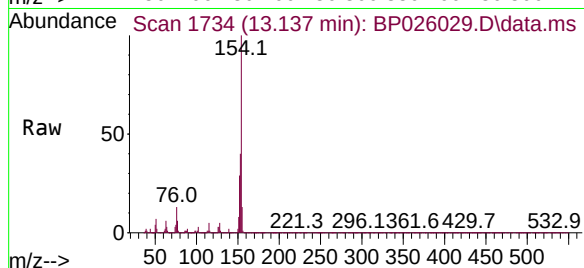
Tgt Ion:154 Resp: 336536

Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

76 13.3 0.0 32.8



#47

2-Chloronaphthalene

Concen: 4.691 ng

RT: 13.178 min Scan# 1741

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

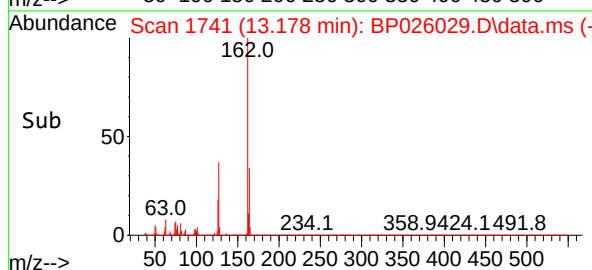
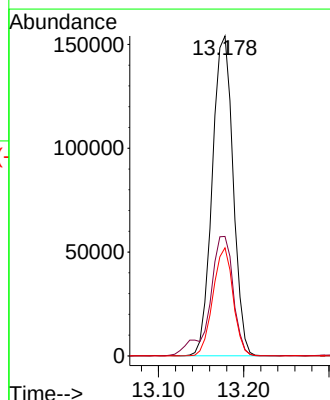
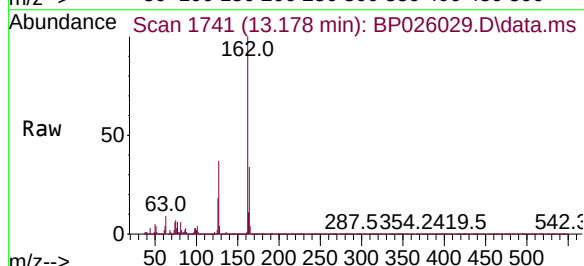
Tgt Ion:162 Resp: 261657

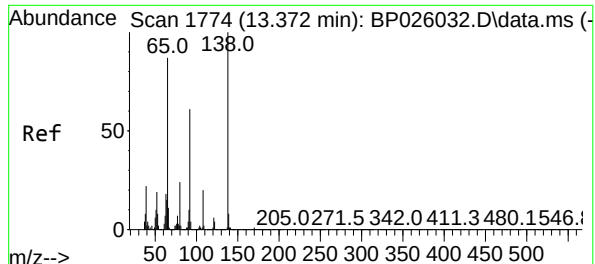
Ion Ratio Lower Upper

162 100

127 37.3 31.4 47.2

164 33.8 25.9 38.9

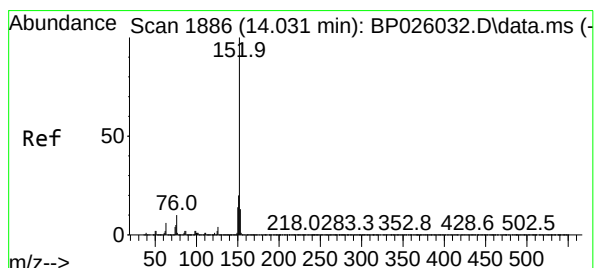
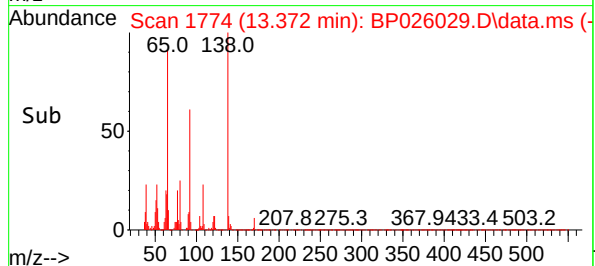
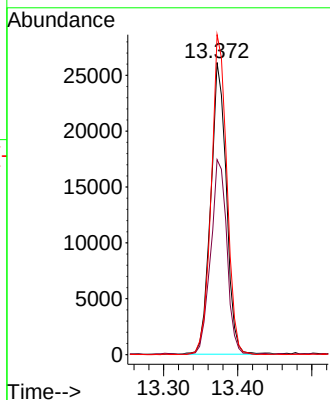
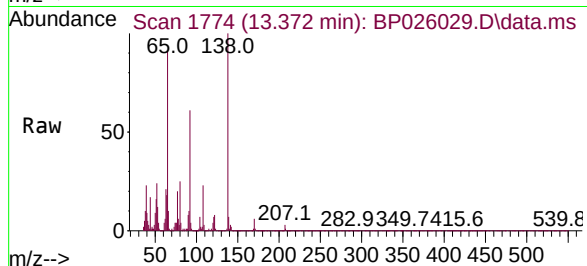




#48
2-Nitroaniline
Concen: 5.289 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

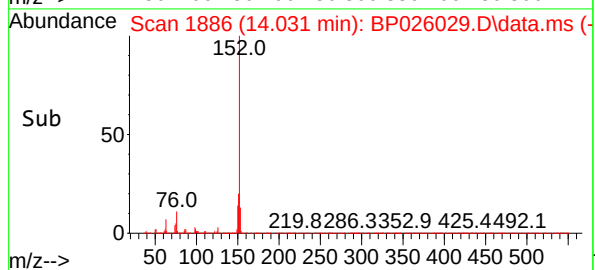
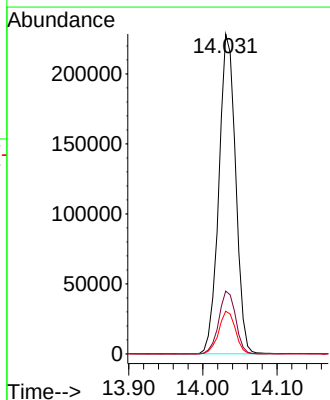
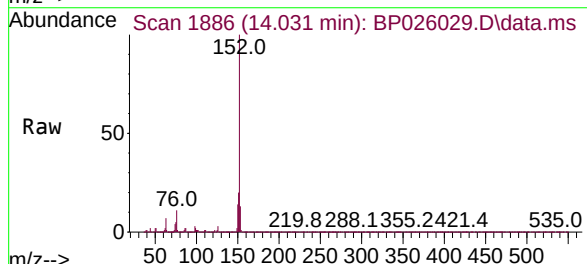
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

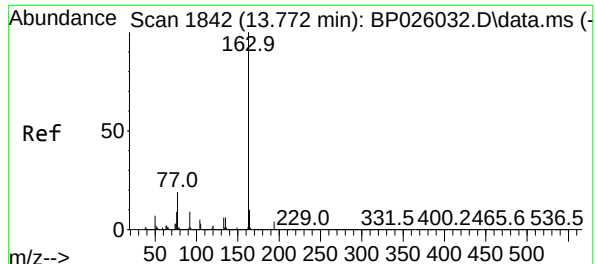
Tgt Ion:	65	Resp:	38315
Ion Ratio	Lower	Upper	
65	100		
92	66.7	55.5	83.3
138	109.5	91.7	137.5



#49
Acenaphthylene
Concen: 4.405 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:	152	Resp:	358129
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	13.3	10.6	16.0

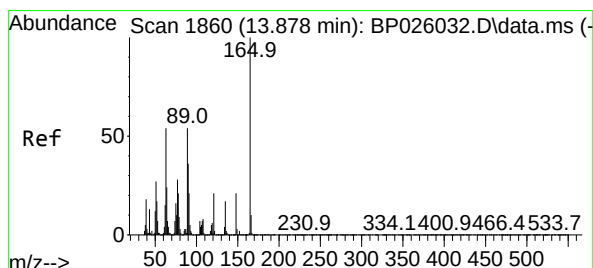
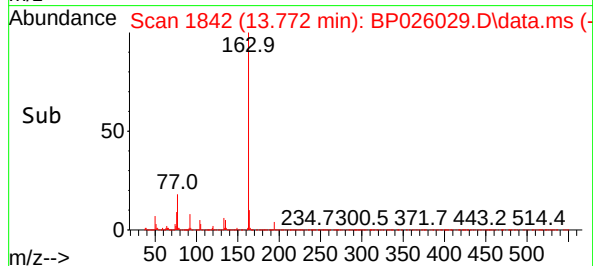
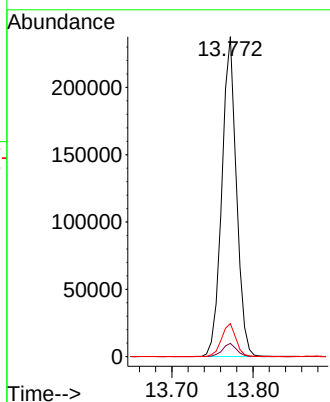
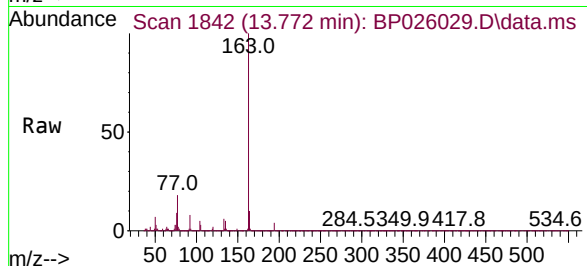




#50
Dimethylphthalate
Concen: 4.405 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

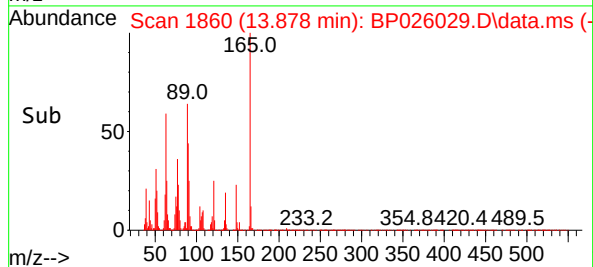
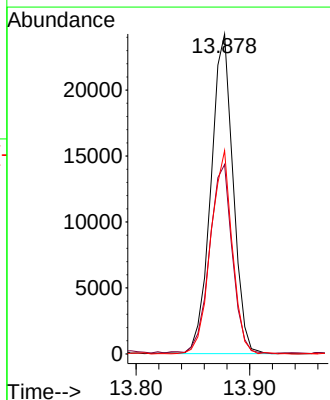
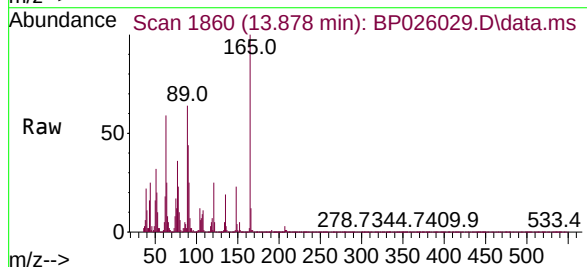
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

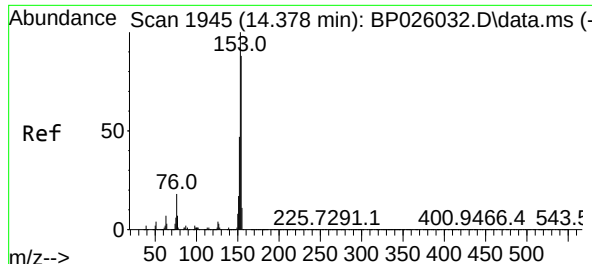
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.2	12.2



#51
2,6-Dinitrotoluene
Concen: 5.334 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.2	43.0	64.4
89	63.6	43.0	64.4

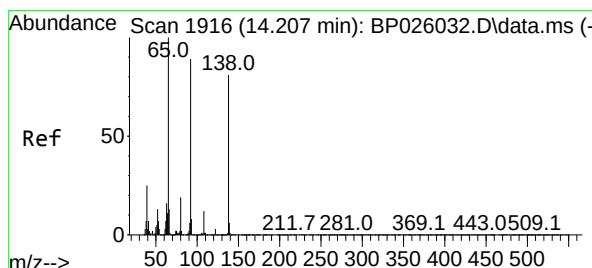
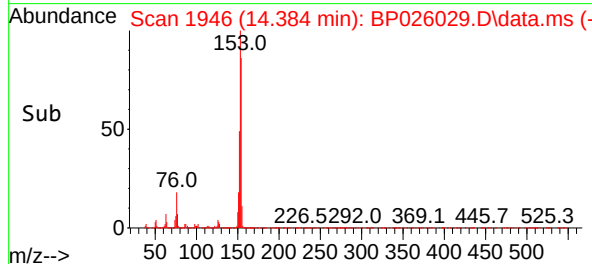
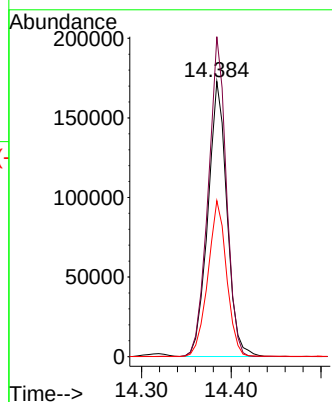
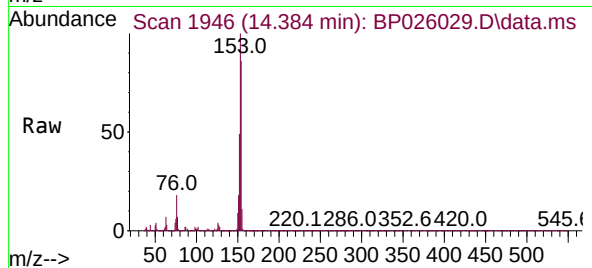




#52
Acenaphthene
Concen: 4.564 ng
RT: 14.384 min Scan# 1945
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

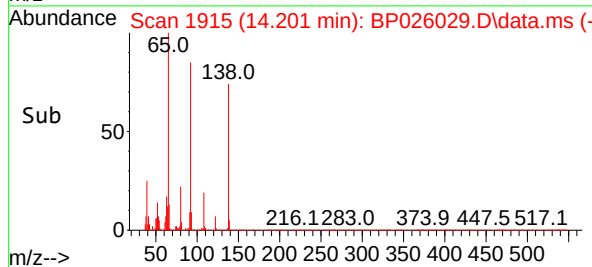
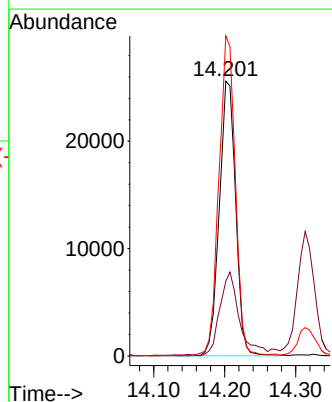
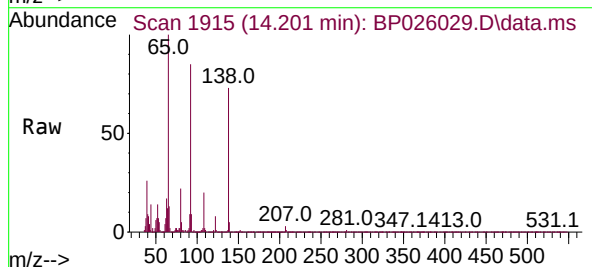
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

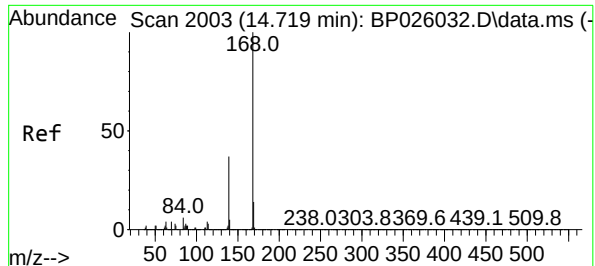
Tgt Ion:154 Resp: 254758
Ion Ratio Lower Upper
154 100
153 116.3 91.0 136.4
152 56.7 42.7 64.1



#53
3-Nitroaniline
Concen: 5.191 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:138 Resp: 40998
Ion Ratio Lower Upper
138 100
108 27.2 11.4 17.0#
92 116.5 87.1 130.7

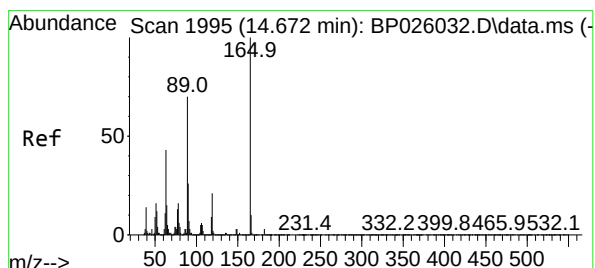
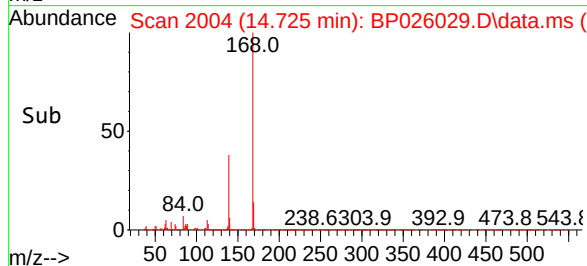
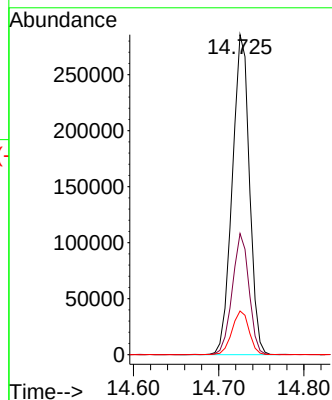
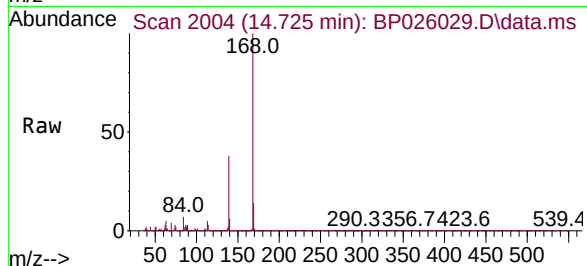




#55
Dibenzofuran
Concen: 4.735 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

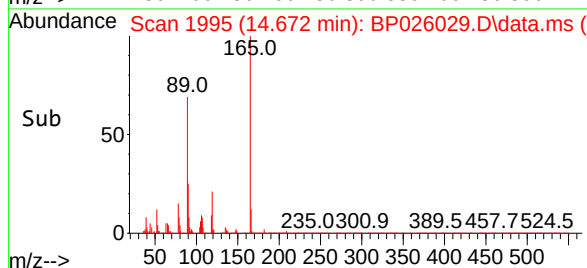
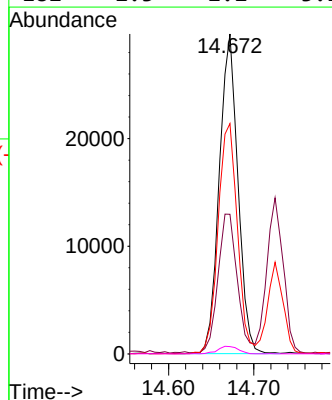
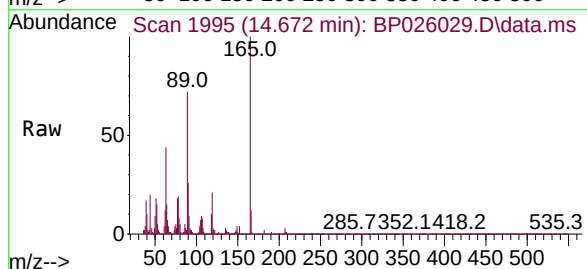
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

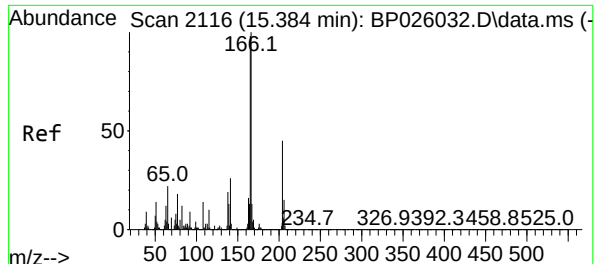
Tgt Ion:168 Resp: 399319
Ion Ratio Lower Upper
168 100
139 37.8 29.7 44.5
169 13.6 11.0 16.4



#57
2,4-Dinitrotoluene
Concen: 5.098 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:165 Resp: 45113
Ion Ratio Lower Upper
165 100
63 43.6 34.2 51.2
89 72.0 56.0 84.0
182 2.3 2.2 3.2

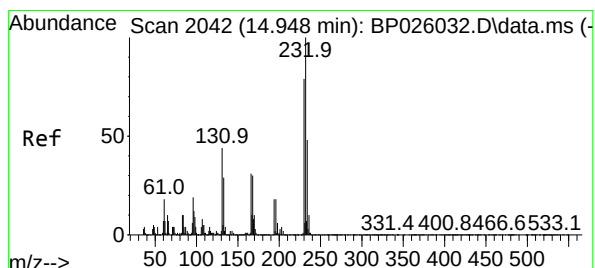
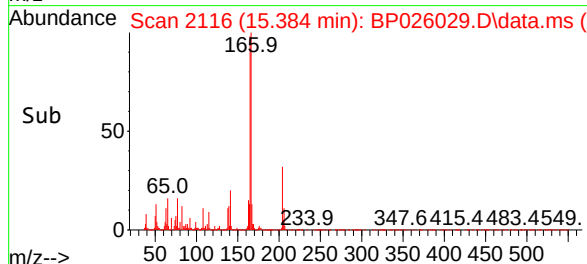
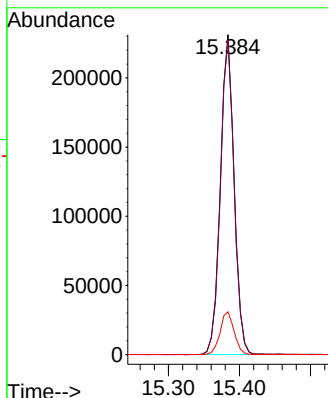
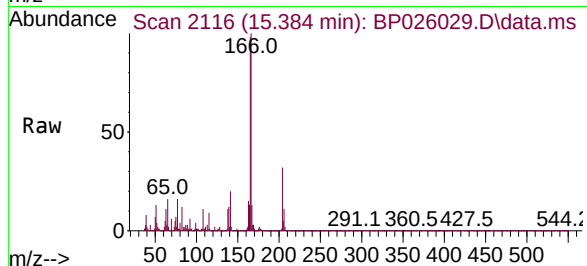




#58
Fluorene
Concen: 4.718 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

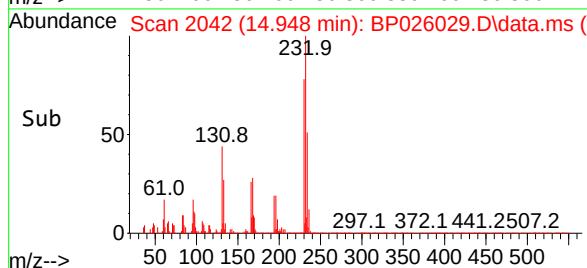
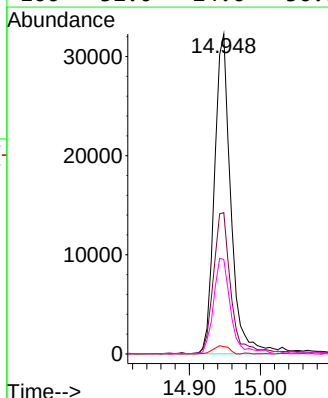
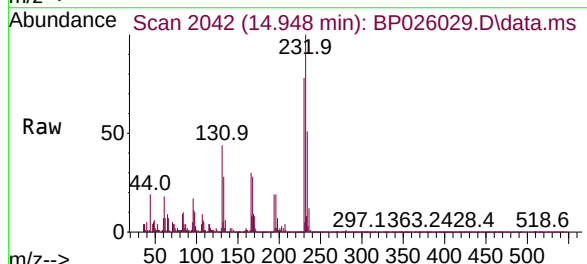
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

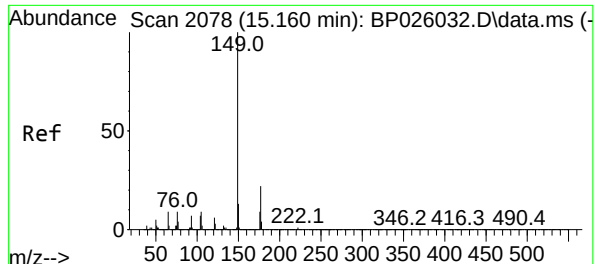
Tgt Ion:166 Resp: 311704
Ion Ratio Lower Upper
166 100
165 98.3 78.1 117.1
167 13.4 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.387 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:232 Resp: 51676
Ion Ratio Lower Upper
232 100
131 47.0 35.2 52.8
130 2.5 1.7 2.5
166 32.0 24.6 36.8

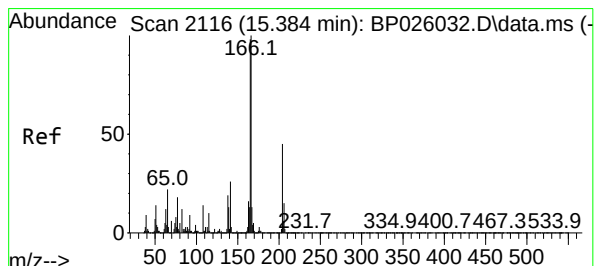
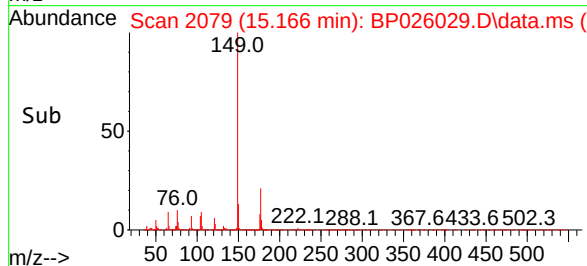
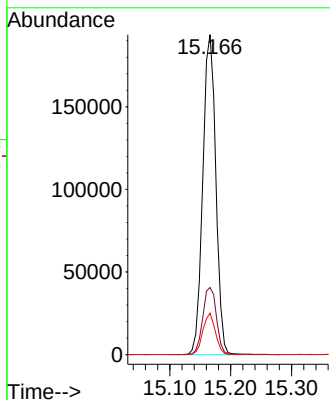
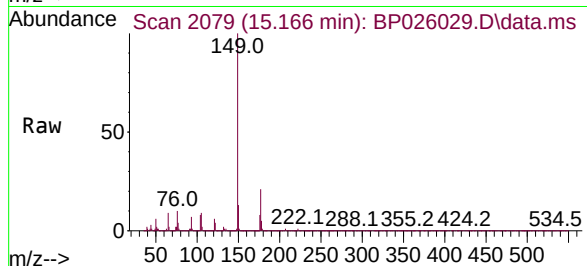




#60
Diethylphthalate
Concen: 4.240 ng
RT: 15.166 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

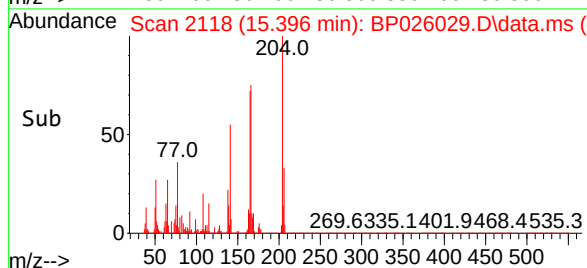
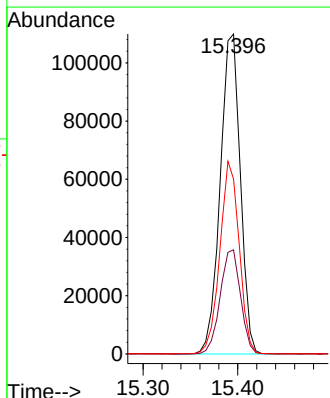
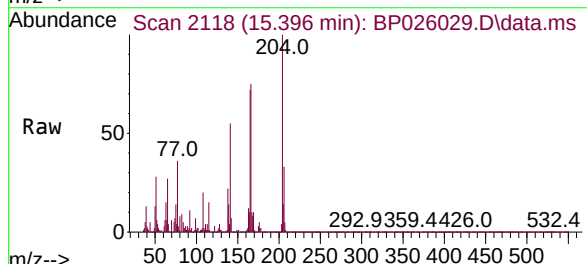
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

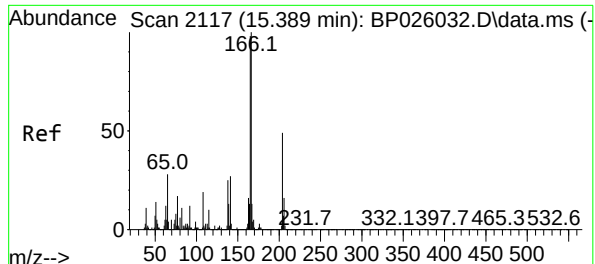
Tgt Ion:149 Resp: 287071
Ion Ratio Lower Upper
149 100
177 21.0 17.9 26.9
150 13.0 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 4.907 ng
RT: 15.396 min Scan# 2118
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:204 Resp: 161882
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 54.6 47.0 70.4

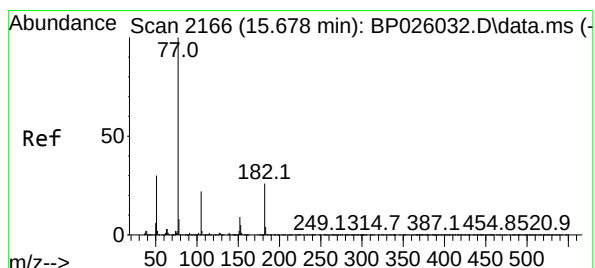
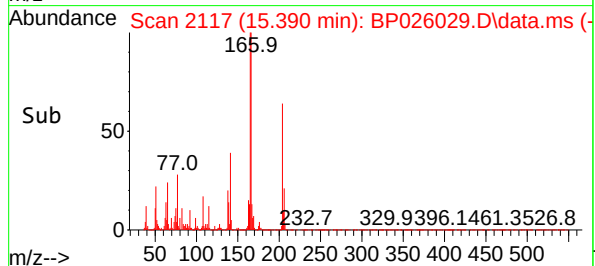
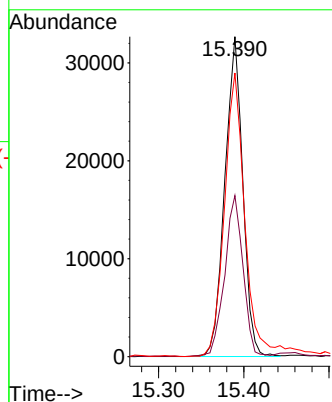
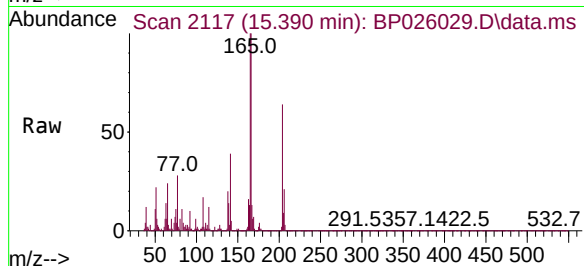




#62
4-Nitroaniline
Concen: 3.327 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

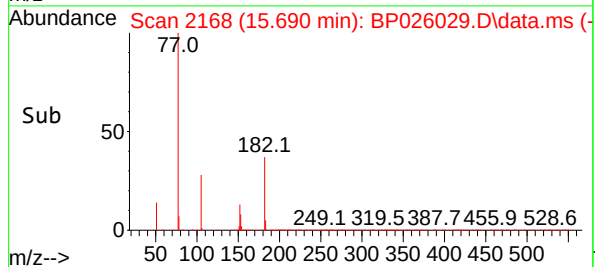
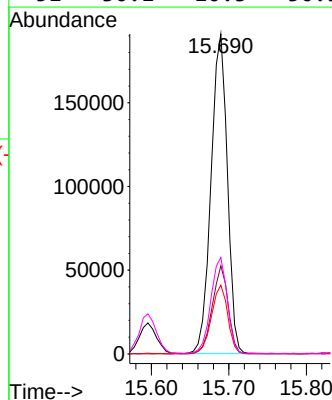
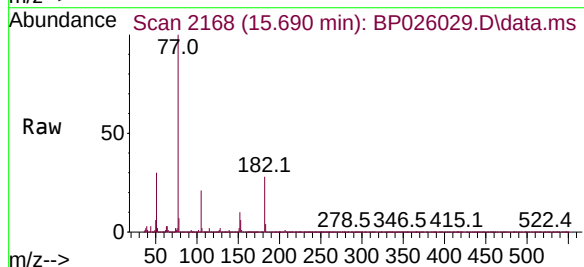
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

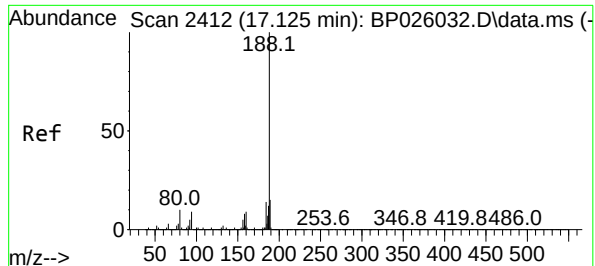
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	28.2	68.2
108	88.6	56.0	96.0



#63
Azobenzene
Concen: 4.550 ng
RT: 15.690 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.4	46.4
105	21.5	2.2	42.2
51	30.1	10.3	50.3

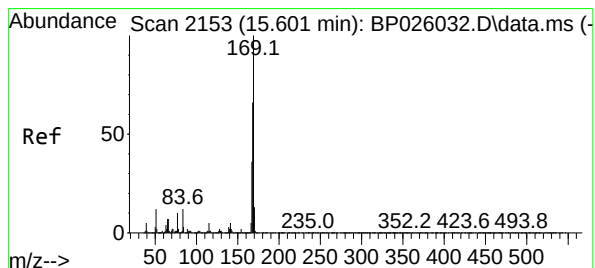
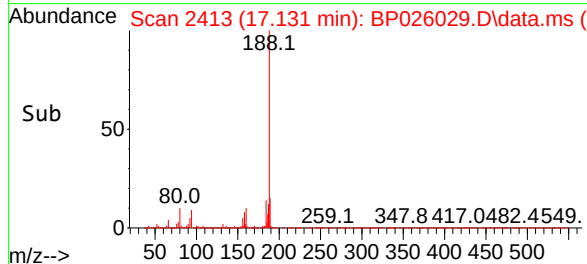
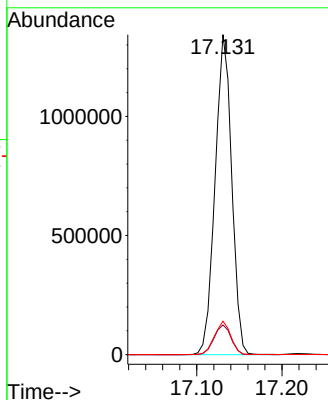
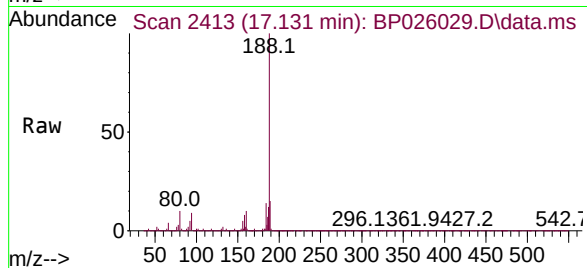




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

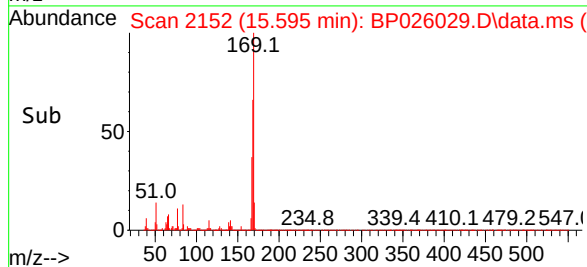
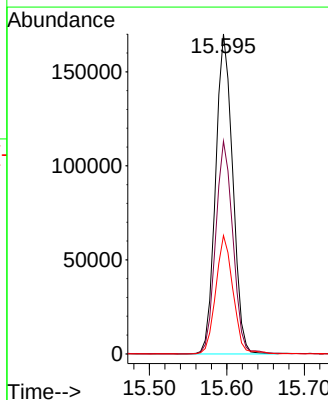
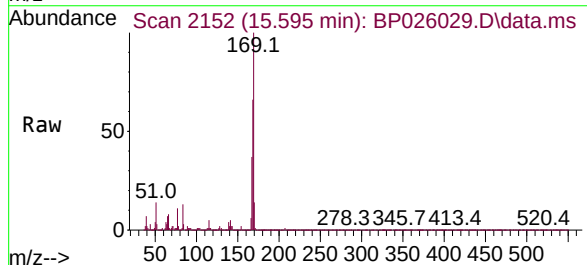
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

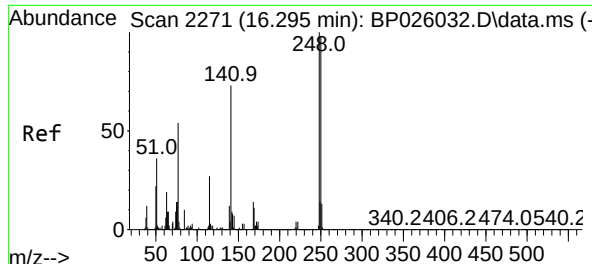
Tgt Ion:188 Resp: 1817309
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.4 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 4.589 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:169 Resp: 260751
Ion Ratio Lower Upper
169 100
168 66.5 52.9 79.3
167 37.0 28.9 43.3

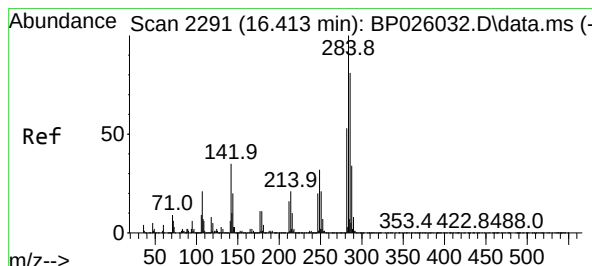
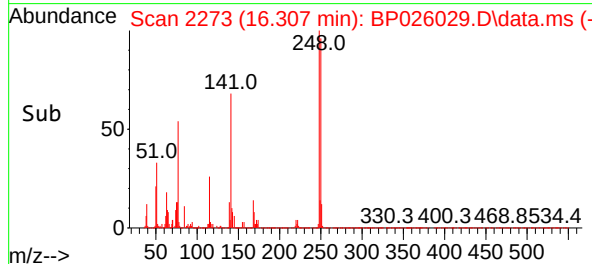
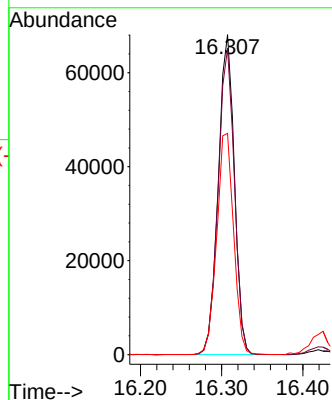
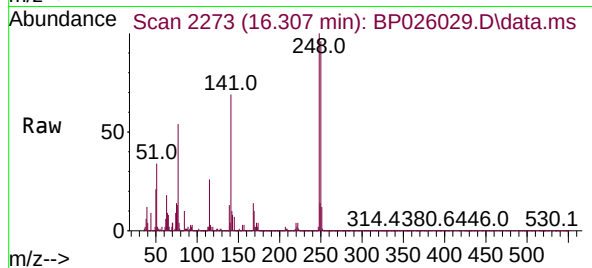




#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

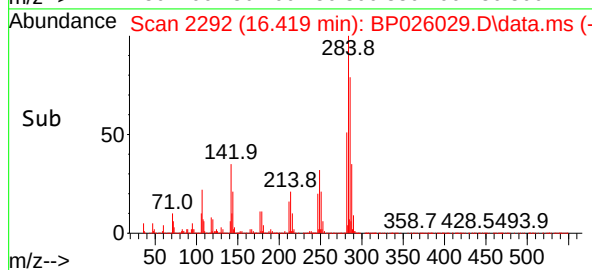
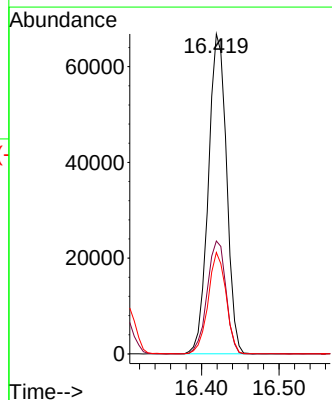
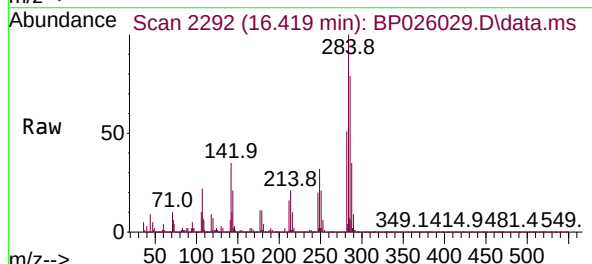
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

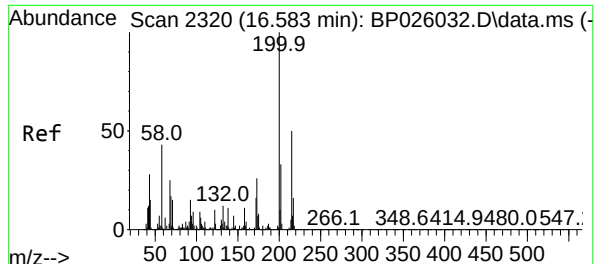
Tgt Ion:248 Resp: 93744
Ion Ratio Lower Upper
248 100
250 95.7 78.4 117.6
141 69.1 58.3 87.5



#68
Hexachlorobenzene
Concen: 4.741 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:284 Resp: 108797
Ion Ratio Lower Upper
284 100
142 35.3 27.7 41.5
249 31.7 25.5 38.3





#69

Atrazine

Concen: 4.192 ng

RT: 16.578 min Scan# 2319

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

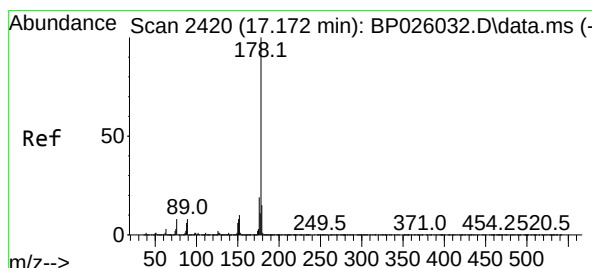
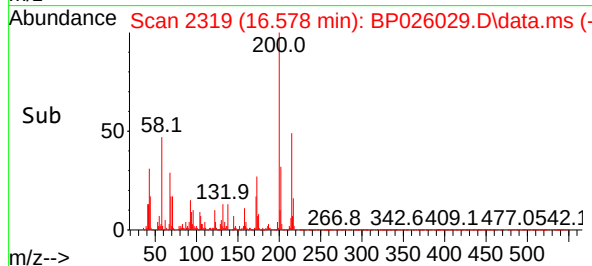
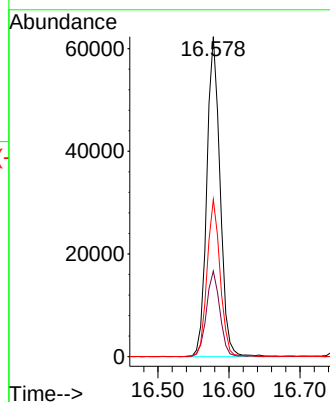
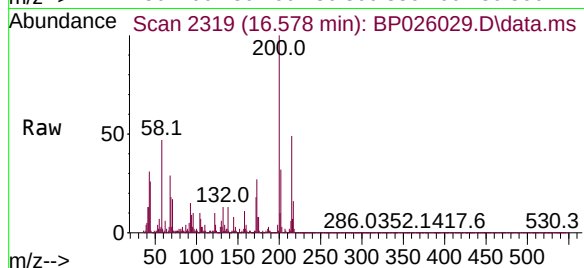
Tgt Ion:200 Resp: 80346

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 49.1 29.8 69.8



#71

Phenanthrene

Concen: 4.865 ng

RT: 17.172 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

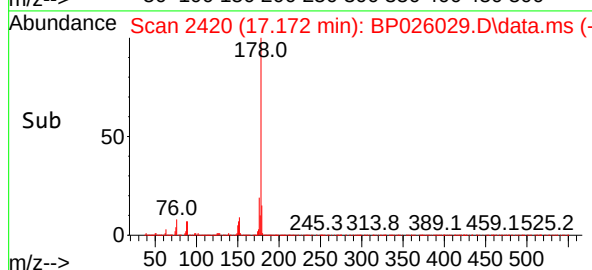
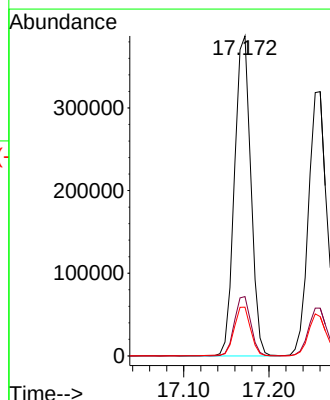
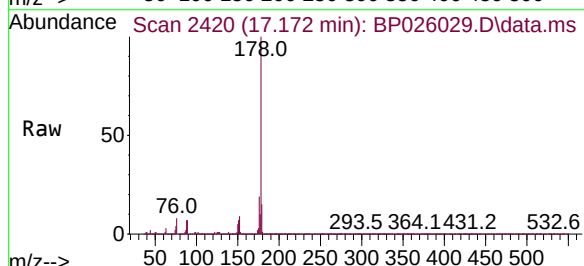
Tgt Ion:178 Resp: 514616

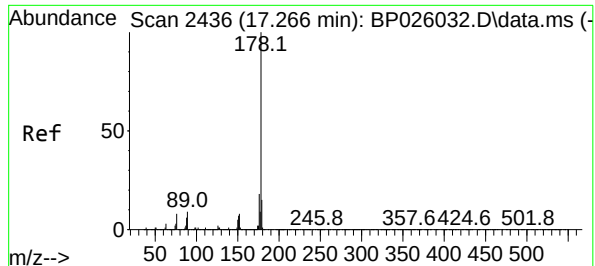
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.2 12.3 18.5

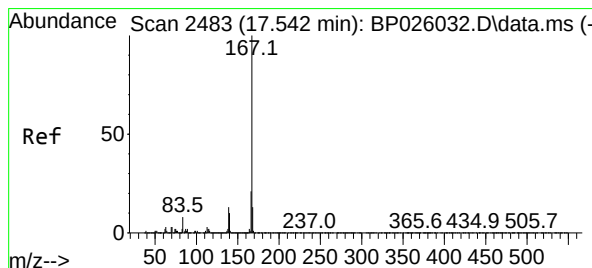
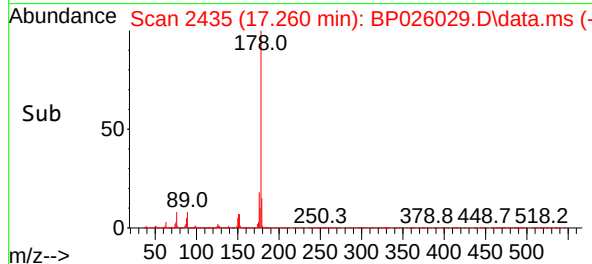
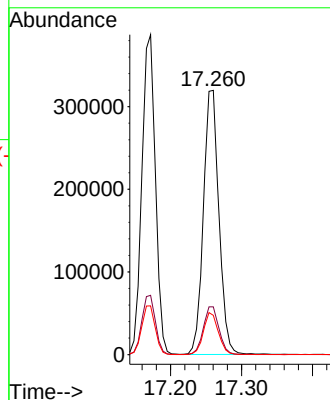
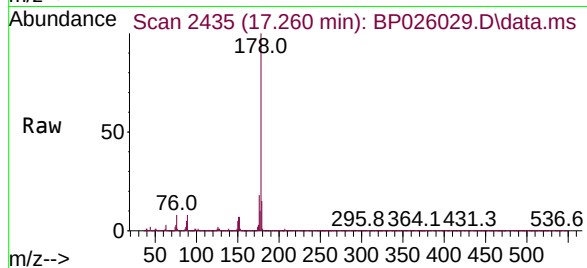




#72
Anthracene
Concen: 4.609 ng
RT: 17.260 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

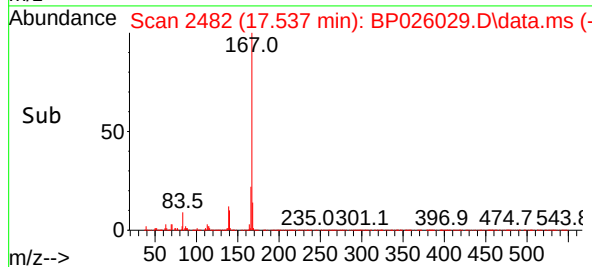
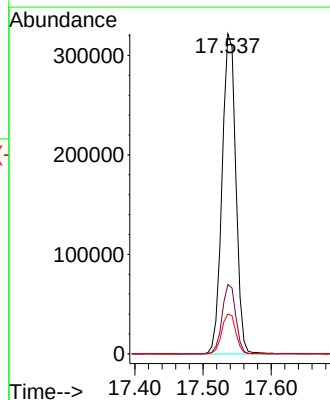
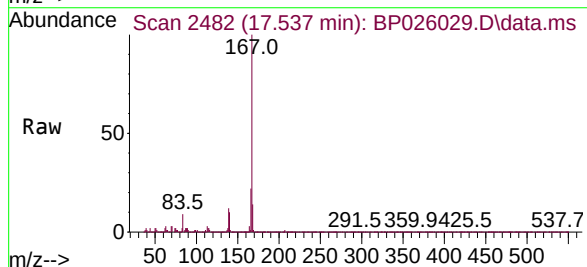
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

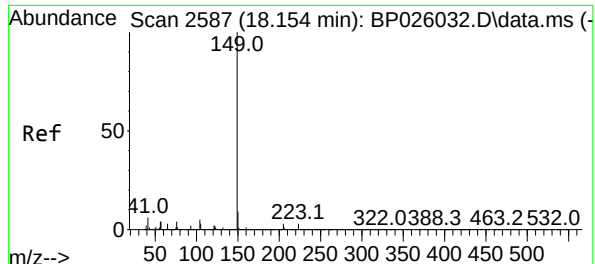
Tgt Ion:178 Resp: 483312
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 14.9 12.2 18.4



#73
Carbazole
Concen: 4.511 ng
RT: 17.537 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:167 Resp: 447699
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 12.5 10.2 15.2

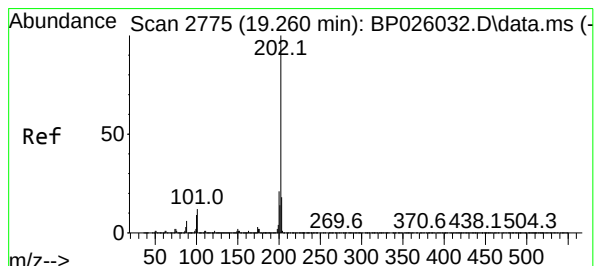
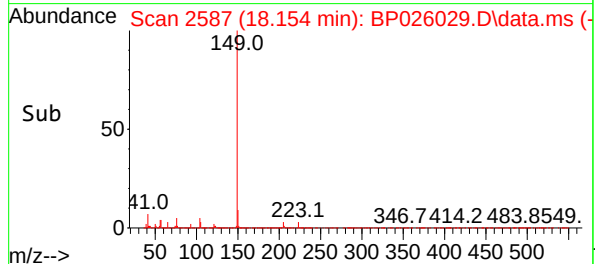
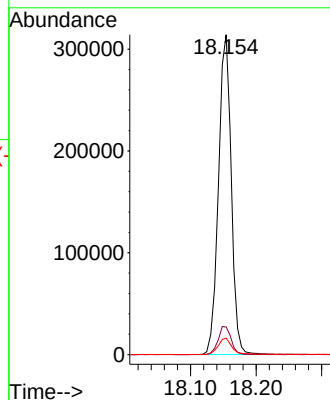
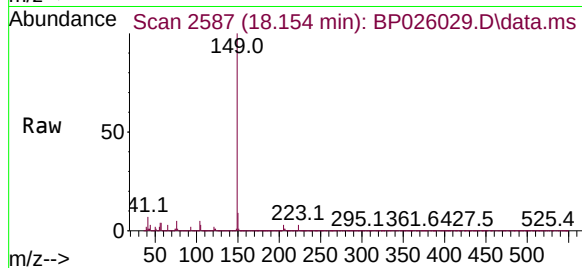




#74
Di-n-butylphthalate
Concen: 3.833 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

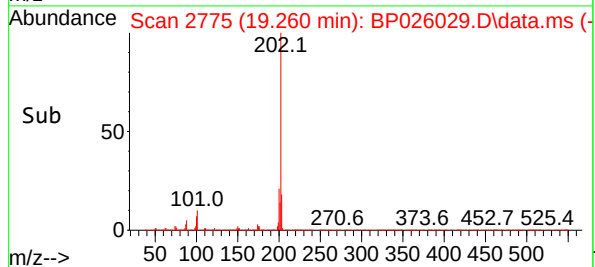
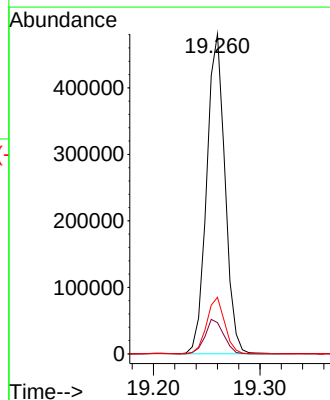
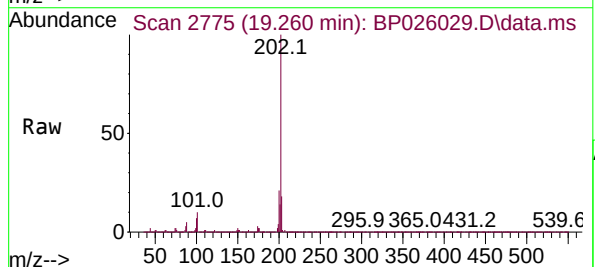
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

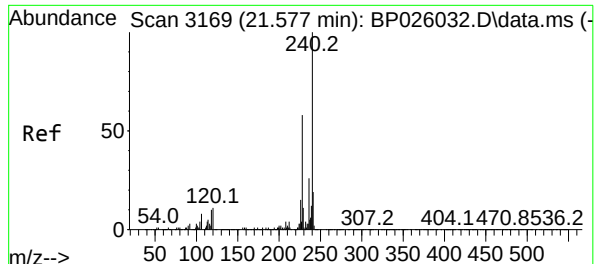
Tgt Ion:149 Resp: 425656
Ion Ratio Lower Upper
149 100
150 8.6 7.3 10.9
104 5.2 3.8 5.6



#75
Fluoranthene
Concen: 4.636 ng
RT: 19.260 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:202 Resp: 572045
Ion Ratio Lower Upper
202 100
101 9.8 0.0 32.1
203 17.7 0.0 37.6

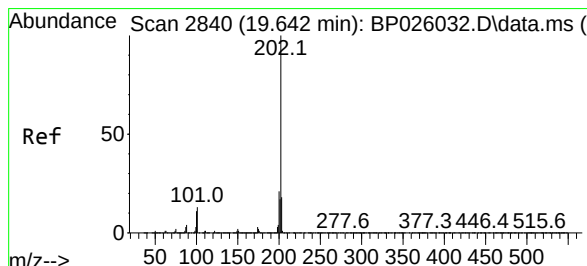
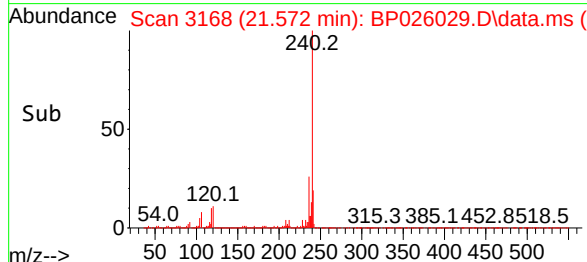
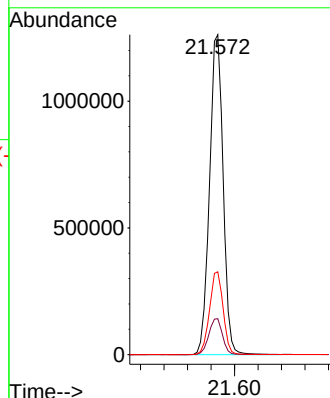
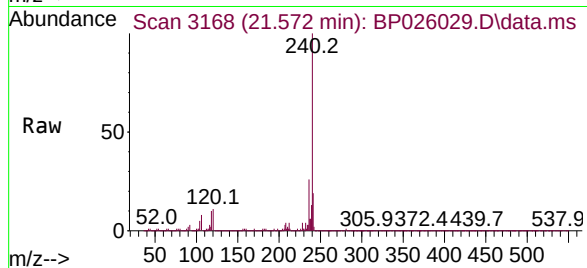




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

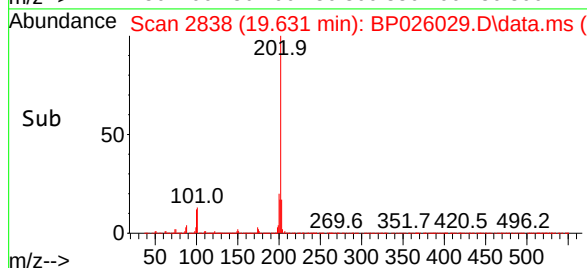
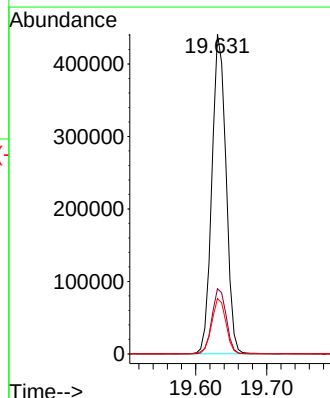
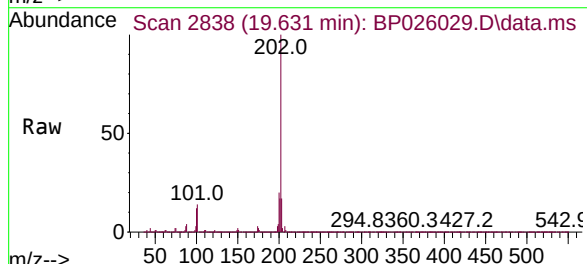
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

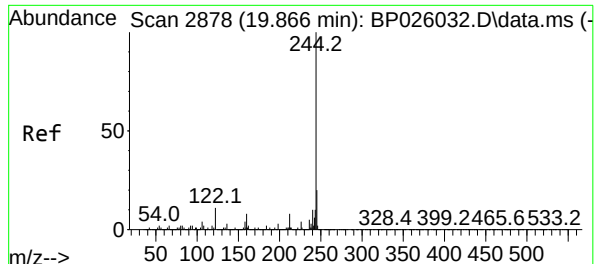
Tgt Ion:240 Resp: 2025692
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.9 20.6 31.0



#78
Pyrene
Concen: 4.441 ng
RT: 19.631 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:202 Resp: 608386
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.3 14.0 21.0

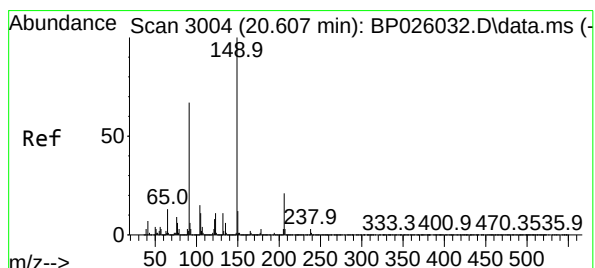
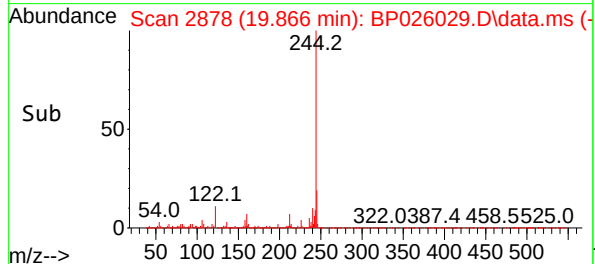
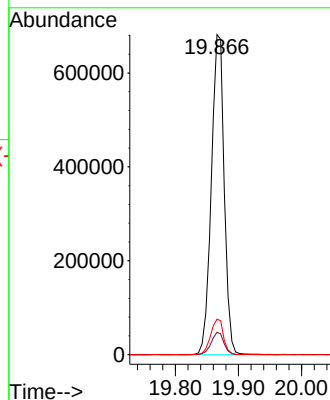
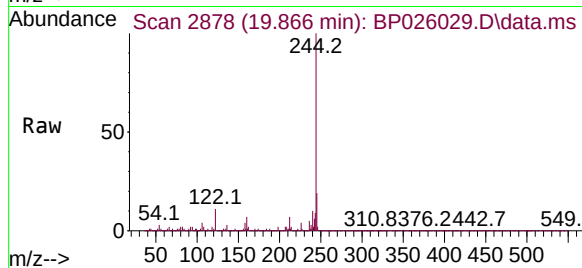




#79
Terphenyl-d14
Concen: 9.677 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

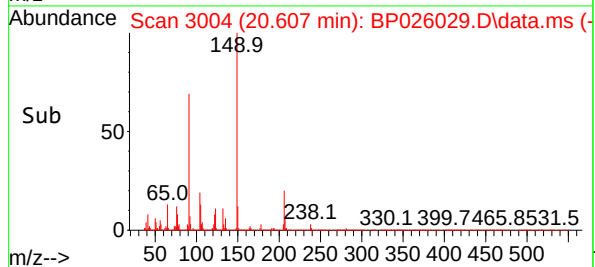
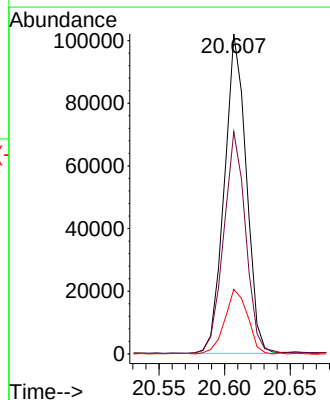
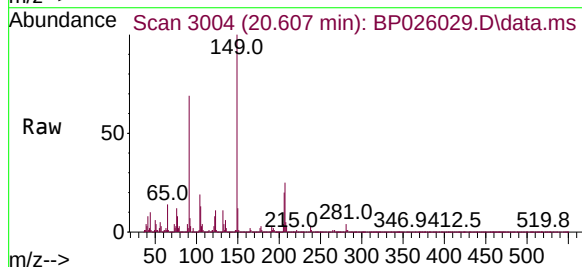
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

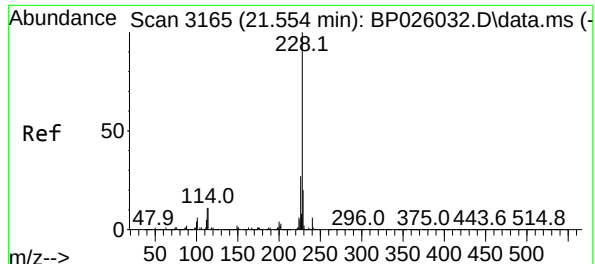
Tgt Ion:244 Resp: 964860
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.1 9.0 13.6



#80
Butylbenzylphthalate
Concen: 5.554 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:149 Resp: 118757
Ion Ratio Lower Upper
149 100
91 69.4 53.5 80.3
206 20.2 16.6 25.0

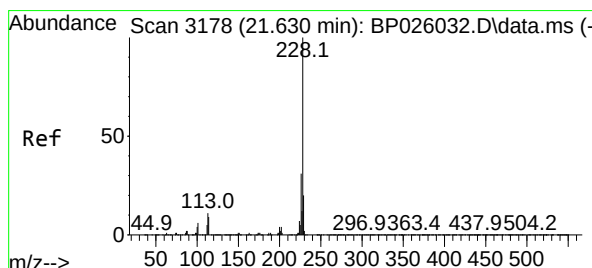
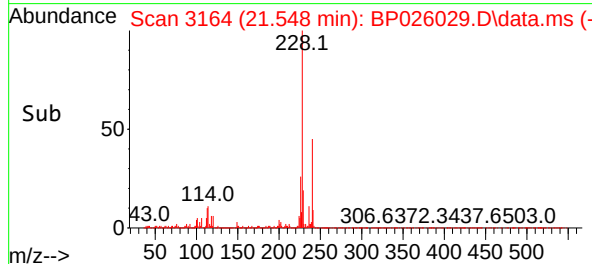
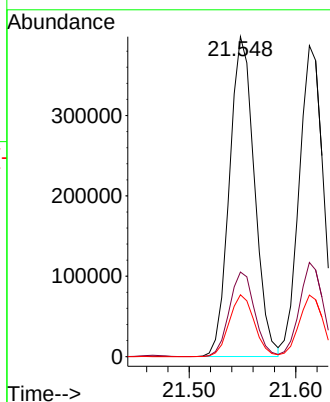
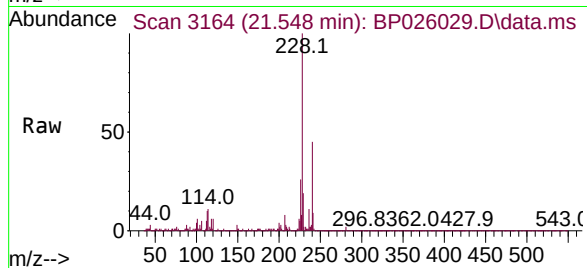




#81
Benzo(a)anthracene
Concen: 4.653 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

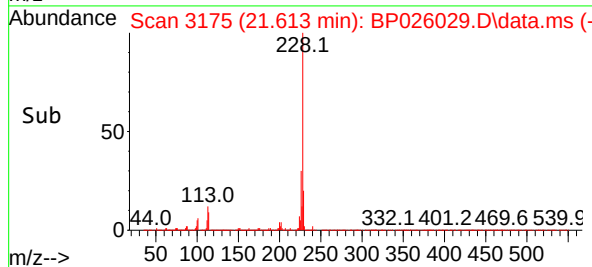
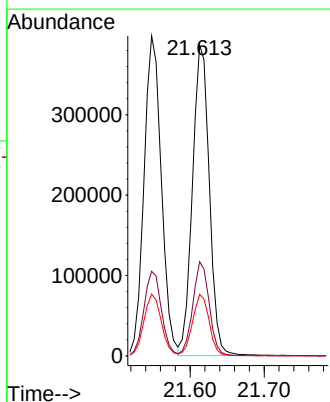
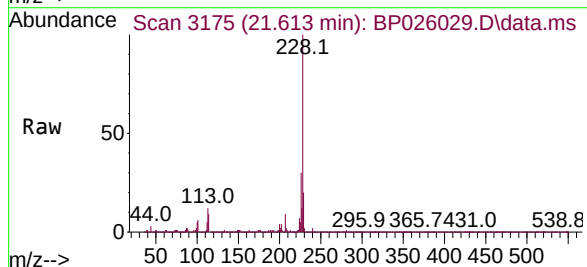
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

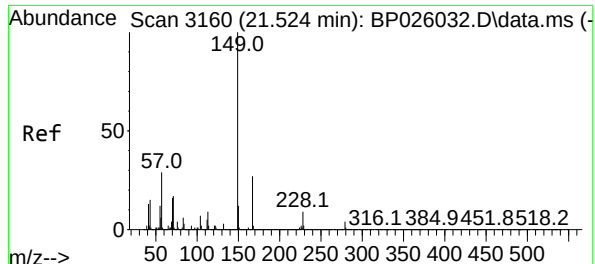
Tgt Ion:228 Resp: 647742
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.3 15.8 23.8



#83
Chrysene
Concen: 4.647 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:228 Resp: 612715
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.8 16.0 24.0

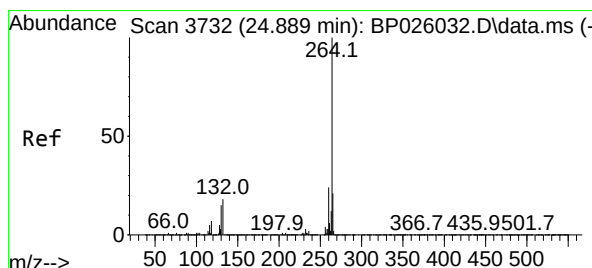
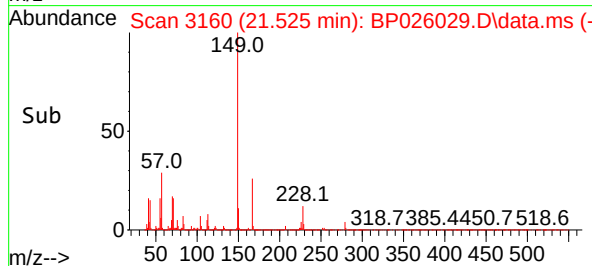
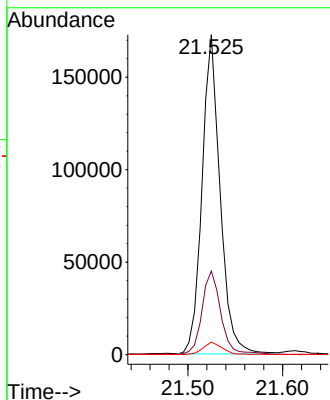
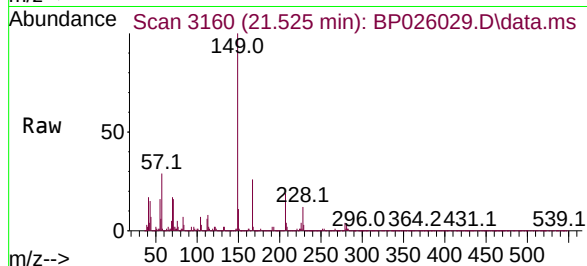




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.327 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

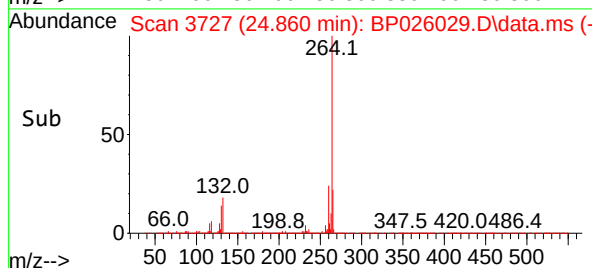
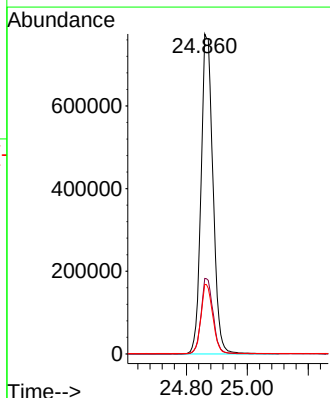
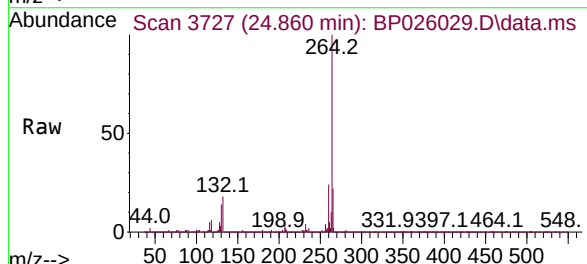
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

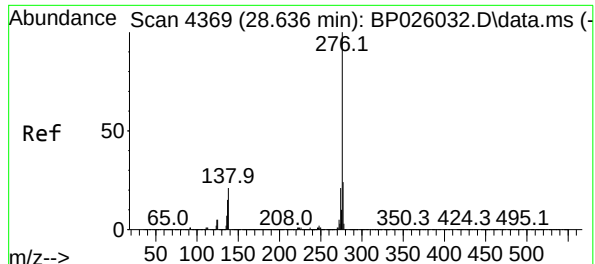
Tgt Ion:149 Resp: 229182
Ion Ratio Lower Upper
149 100
167 26.1 21.5 32.3
279 3.9 3.0 4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.860 min Scan# 3727
Delta R.T. -0.023 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:264 Resp: 2104784
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.7 17.2 25.8

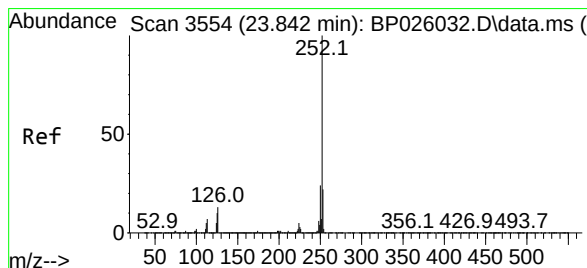
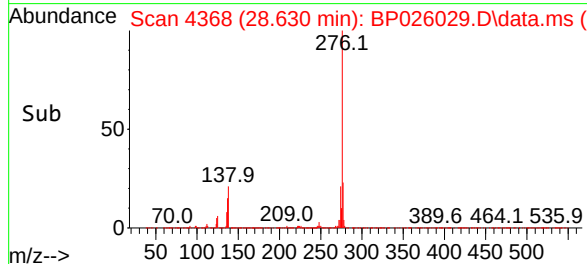
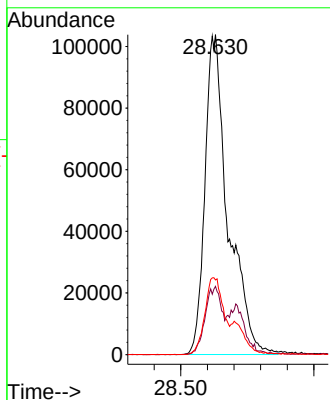
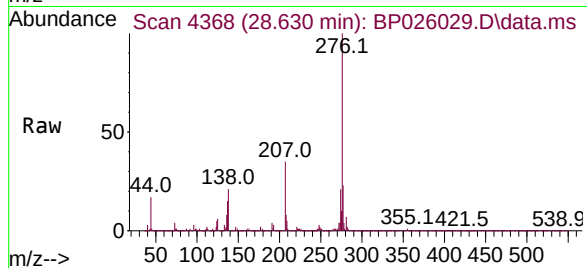




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.030 ng
RT: 28.630 min Scan# 4369
Delta R.T. -0.029 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

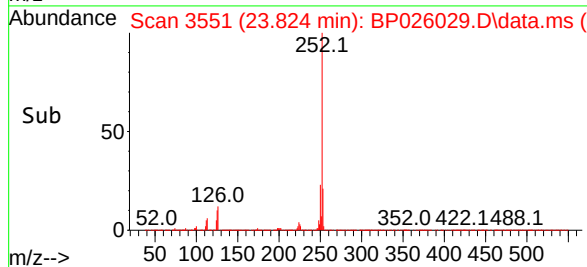
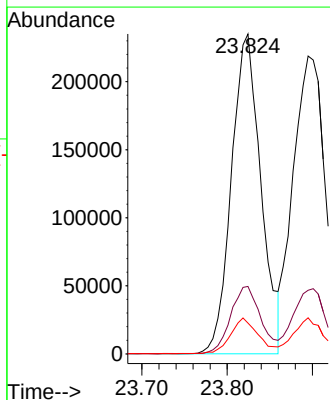
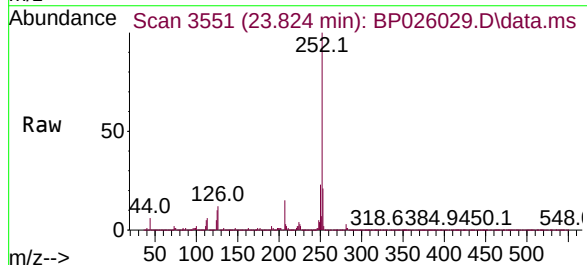
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

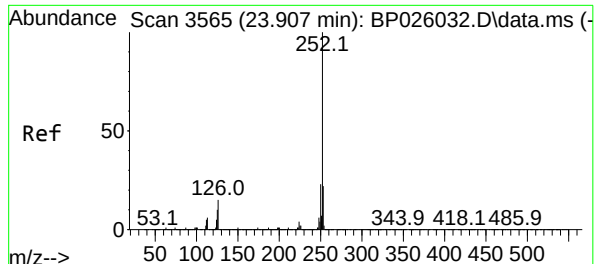
Tgt Ion:276 Resp: 626036
Ion Ratio Lower Upper
276 100
138 15.3 13.2 19.8
277 19.2 16.3 24.5



#88
Benzo(b)fluoranthene
Concen: 4.326 ng
RT: 23.824 min Scan# 3551
Delta R.T. -0.023 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:252 Resp: 565252
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 9.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 4.411 ng

RT: 23.895 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

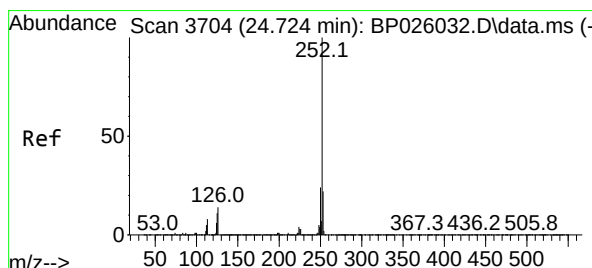
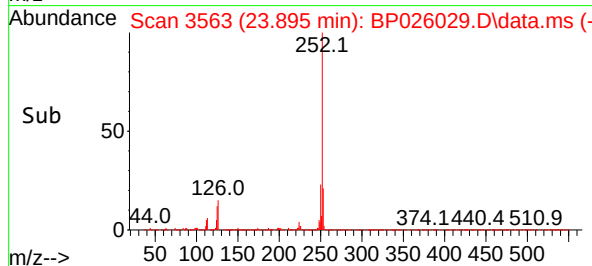
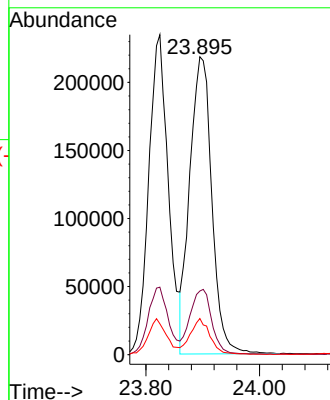
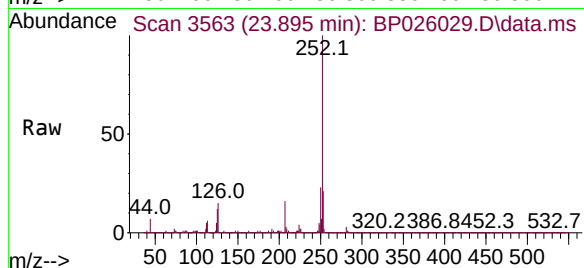
Tgt Ion:252 Resp: 588563

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 12.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 4.124 ng

RT: 24.713 min Scan# 3702

Delta R.T. -0.029 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

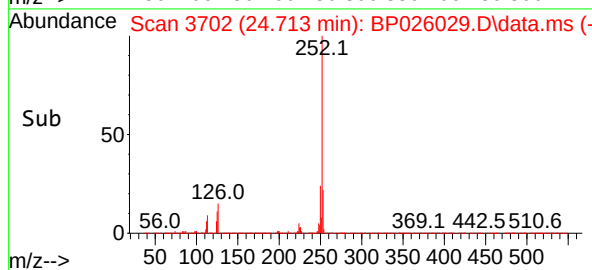
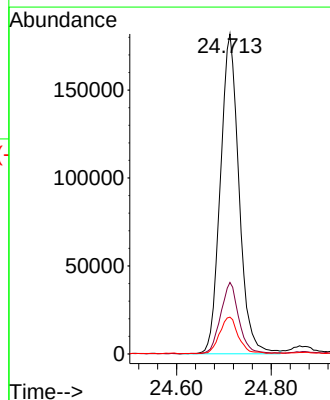
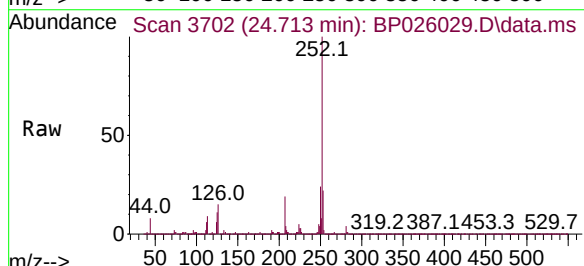
Tgt Ion:252 Resp: 495105

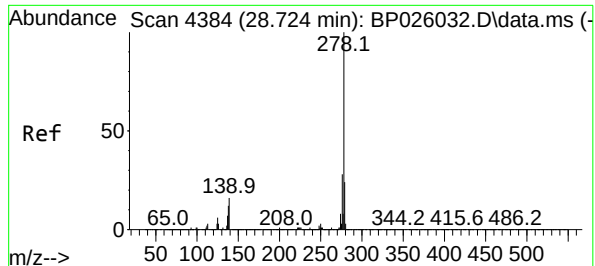
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.5 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 4.069 ng

RT: 28.712 min Scan# 4384

Delta R.T. -0.035 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

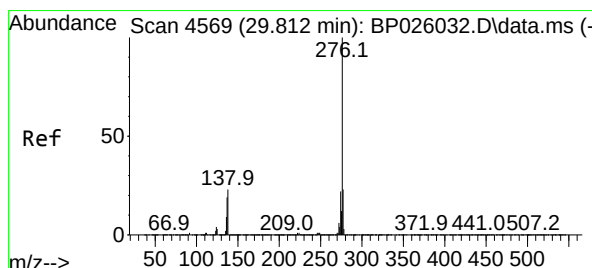
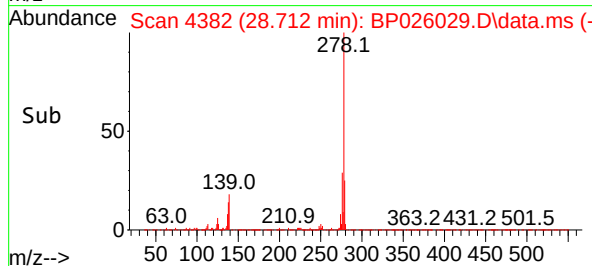
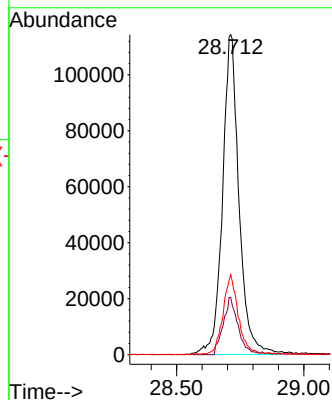
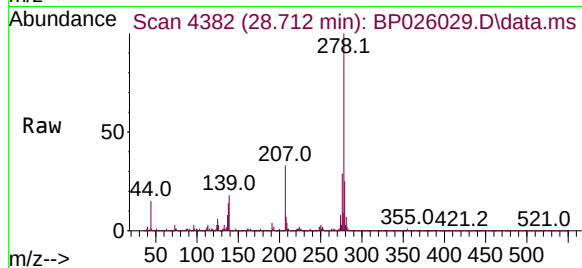
Tgt Ion:278 Resp: 514485

Ion Ratio Lower Upper

278 100

139 17.8 13.0 19.6

279 25.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 4.178 ng

RT: 29.748 min Scan# 4558

Delta R.T. -0.082 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

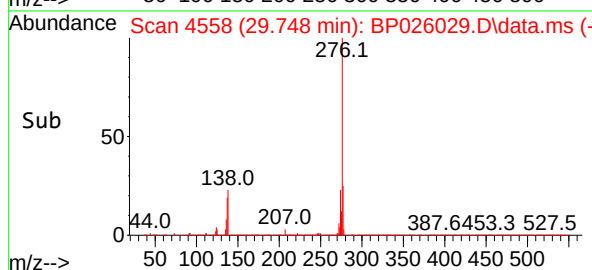
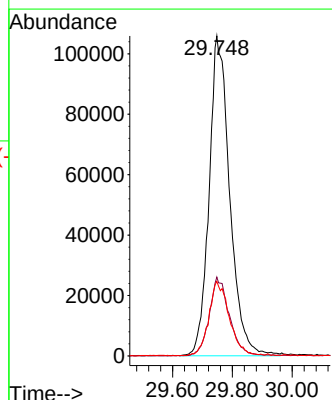
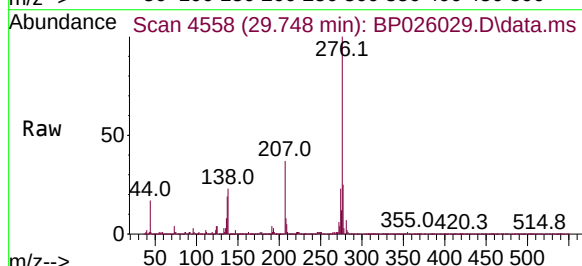
Tgt Ion:276 Resp: 508408

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 23.3 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026030.D
 Acq On : 29 Oct 2025 10:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	288854	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1158283	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	734566	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1497196	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1590140	20.000	ng	0.00
86) Perylene-d12	24.883	264	1674719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	362577	20.712	ng	0.00
7) Phenol-d6	6.849	99	456392	20.484	ng	0.00
23) Nitrobenzene-d5	8.819	82	367535	19.781	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	154869	19.502	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	1138070	22.262	ng	0.00
79) Terphenyl-d14	19.860	244	1788115	22.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	81890	11.097	ng	98
3) Pyridine	3.625	79	222154	10.590	ng	98
4) n-Nitrosodimethylamine	3.537	42	86859	10.330	ng	# 96
6) Aniline	7.013	93	311508	10.476	ng	99
8) 2-Chlorophenol	7.249	128	195513	10.086	ng	99
9) Benzaldehyde	6.831	77	123534m	10.666	ng	
10) Phenol	6.878	94	255762	10.340	ng	99
11) bis(2-Chloroethyl)ether	7.114	93	207158	10.612	ng	98
12) 1,3-Dichlorobenzene	7.578	146	239783	10.771	ng	99
13) 1,4-Dichlorobenzene	7.719	146	242788	10.787	ng	99
14) 1,2-Dichlorobenzene	8.031	146	230430	10.729	ng	100
15) Benzyl Alcohol	7.908	79	154491	9.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	319172	10.818	ng	99
17) 2-Methylphenol	8.113	107	163076	10.068	ng	99
18) Hexachloroethane	8.755	117	81158	10.537	ng	96
19) n-Nitroso-di-n-propyla...	8.472	70	146354	10.582	ng	99
20) 3+4-Methylphenols	8.431	107	219610	9.746	ng	99
22) Acetophenone	8.490	105	317614	10.842	ng	# 98
24) Nitrobenzene	8.860	77	200078	10.199	ng	98
25) Isophorone	9.378	82	417831	10.506	ng	98
26) 2-Nitrophenol	9.566	139	53200	9.634	ng	96
27) 2,4-Dimethylphenol	9.625	122	177027	10.585	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	269975	10.772	ng	99
29) 2,4-Dichlorophenol	10.096	162	175015	9.911	ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	209064	10.893	ng	97
31) Naphthalene	10.502	128	684226	10.833	ng	99
32) Benzoic acid	9.684	122	58000	10.150	ng	90
33) 4-Chloroaniline	10.596	127	255029	10.507	ng	100
34) Hexachlorobutadiene	10.796	225	133883	10.977	ng	99
35) Caprolactam	11.331	113	57604	9.290	ng	99
36) 4-Chloro-3-methylphenol	11.719	107	181561	9.808	ng	99
37) 2-Methylnaphthalene	12.113	142	476697	10.783	ng	99
38) 1-Methylnaphthalene	12.331	142	463905	10.801	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	245958	10.776	ng	100
41) Hexachlorocyclopentadiene	12.472	237	73538	8.806	ng	95
43) 2,4,6-Trichlorophenol	12.719	196	125693	9.317	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026030.D
 Acq On : 29 Oct 2025 10:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	151902	9.868	ng	97
46) 1,1'-Biphenyl	13.131	154	614441	10.924	ng	99
47) 2-Chloronaphthalene	13.172	162	479020	10.824	ng	99
48) 2-Nitroaniline	13.366	65	83149	9.741	ng	92
49) Acenaphthylene	14.031	152	677627	10.506	ng	100
50) Dimethylphthalate	13.766	163	578145	10.820	ng	100
51) 2,6-Dinitrotoluene	13.878	165	71941	9.731	ng	88
52) Acenaphthene	14.384	154	471935	10.658	ng	99
53) 3-Nitroaniline	14.201	138	93292	9.962	ng	# 90
54) 2,4-Dinitrophenol	14.413	184	25388	10.017	ng	# 90
55) Dibenzofuran	14.725	168	733645	10.966	ng	99
56) 4-Nitrophenol	14.513	139	101905	9.565	ng	93
57) 2,4-Dinitrotoluene	14.678	165	105824	9.727	ng	97
58) Fluorene	15.390	166	595481	11.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	111275	9.194	ng	99
60) Diethylphthalate	15.166	149	576582	10.734	ng	99
61) 4-Chlorophenyl-phenylether	15.390	204	294916	11.267	ng	98
62) 4-Nitroaniline	15.390	138	108022	9.461	ng	93
63) Azobenzene	15.690	77	541815	11.130	ng	100
65) 4,6-Dinitro-2-methylph...	15.448	198	39648	10.014	ng	94
66) n-Nitrosodiphenylamine	15.601	169	507903	10.850	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	175158	10.547	ng	96
68) Hexachlorobenzene	16.419	284	204634	10.824	ng	97
69) Atrazine	16.578	200	159536	10.103	ng	99
70) Pentachlorophenol	16.766	266	94142	8.152	ng	97
71) Phenanthrene	17.166	178	964196	11.064	ng	99
72) Anthracene	17.260	178	945078	10.941	ng	100
73) Carbazole	17.536	167	877310	10.729	ng	100
74) Di-n-butylphthalate	18.154	149	912617	9.974	ng	100
75) Fluoranthene	19.254	202	1100035	10.821	ng	99
77) Benzidine	19.454	184	327160	8.106	ng	99
78) Pyrene	19.630	202	1182711	10.997	ng	99
80) Butylbenzylphthalate	20.607	149	267569	9.589	ng	98
81) Benzo(a)anthracene	21.542	228	1190374	10.894	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	310231	8.812	ng	99
83) Chrysene	21.607	228	1132388	10.940	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	487334	9.805	ng	100
85) Di-n-octyl phthalate	22.795	149	653399	6.903	ng	96
87) Indeno(1,2,3-cd)pyrene	28.618	276	1244503m	10.070	ng	
88) Benzo(b)fluoranthene	23.830	252	1069169	10.284	ng	99
89) Benzo(k)fluoranthene	23.901	252	1143258	10.769	ng	100
90) Benzo(a)pyrene	24.724	252	978750	10.247	ng	99
91) Dibenzo(a,h)anthracene	28.712	278	1020484	10.142	ng	99
92) Benzo(g,h,i)perylene	29.777	276	977235	10.093	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026030.D
 Acq On : 29 Oct 2025 10:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

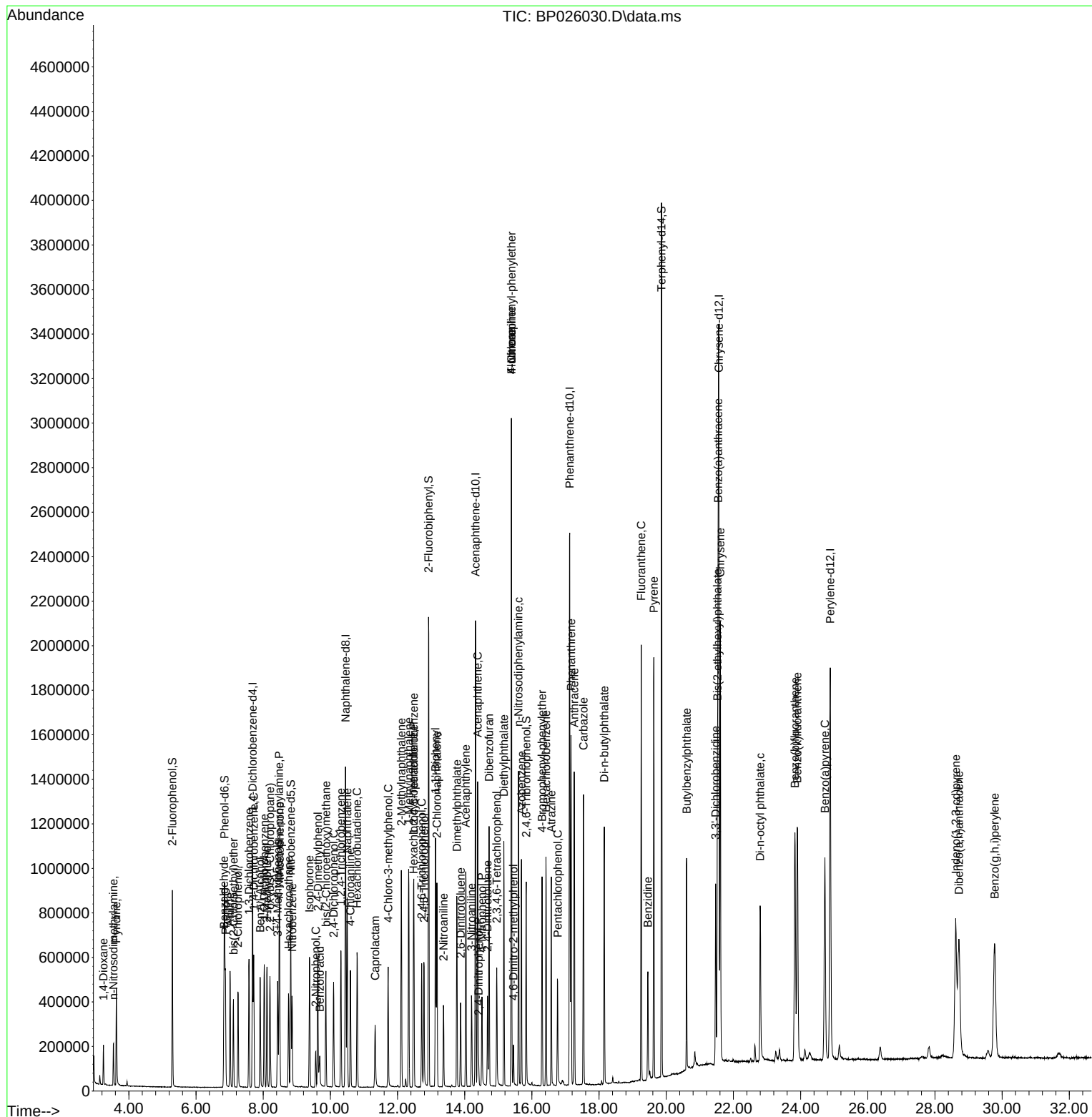
Quant Time: Oct 29 18:07:56 2025

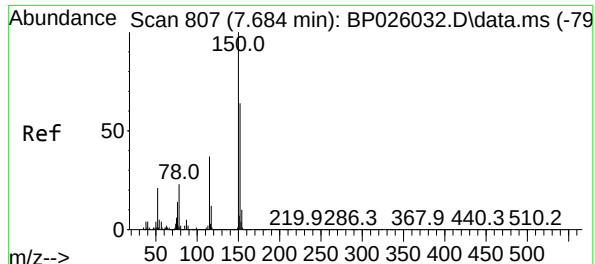
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

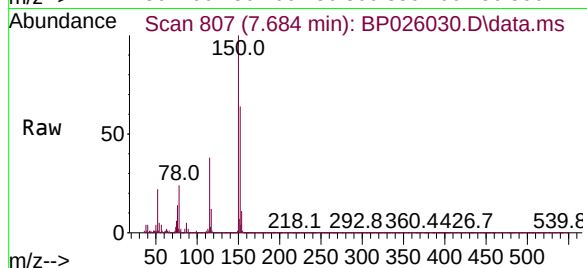
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

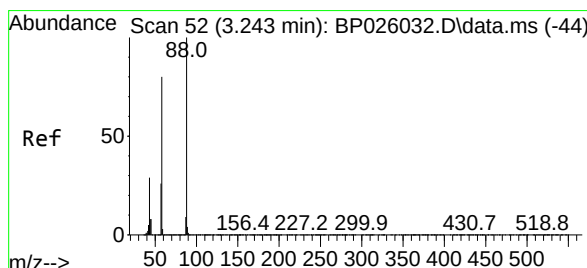
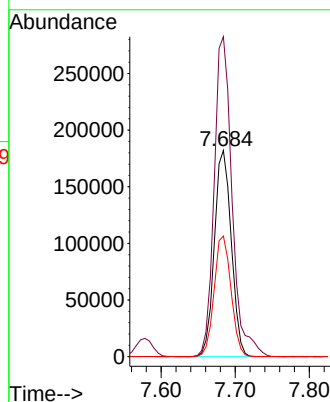
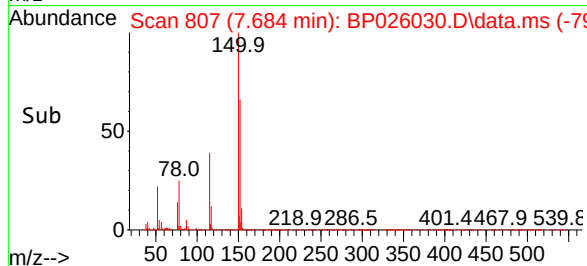
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion: 152 Resp: 288854
Ion Ratio Lower Upper
152 100
150 155.2 125.7 188.5
115 58.4 46.4 69.6

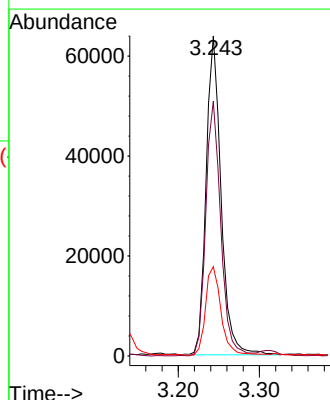
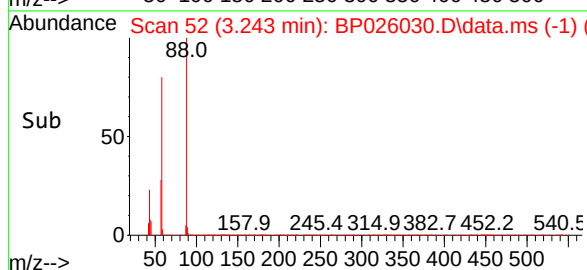
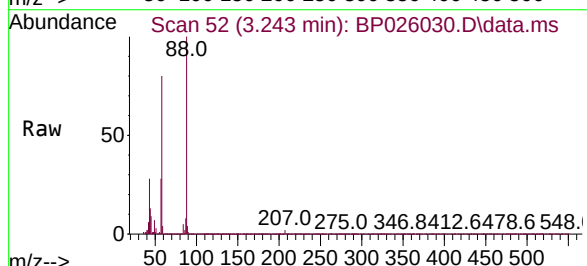
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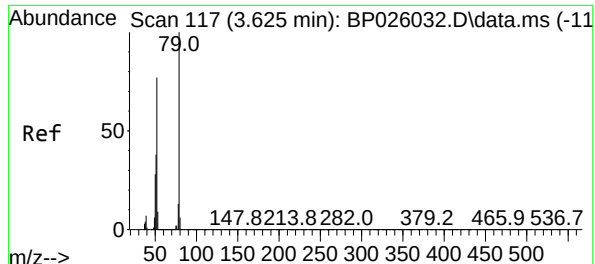
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 11.097 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 88 Resp: 81890
Ion Ratio Lower Upper
88 100
58 80.0 65.4 98.0
43 28.6 23.1 34.7





#3

Pyridine

Concen: 10.590 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

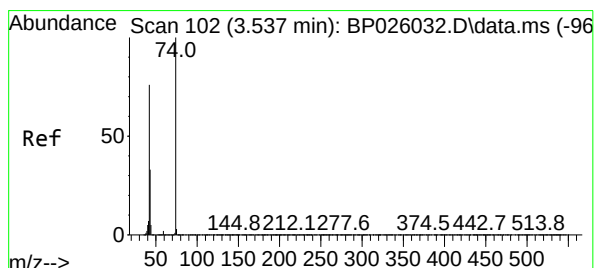
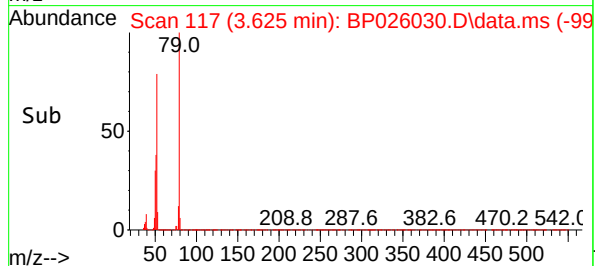
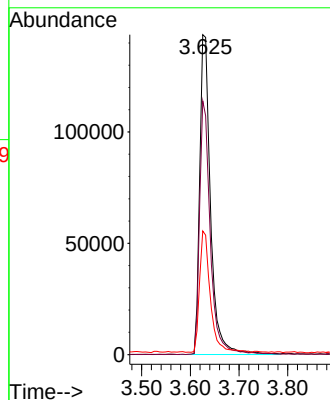
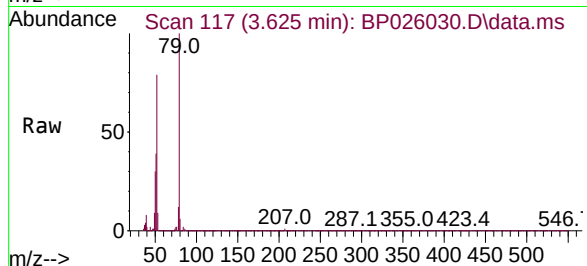
Tgt Ion:	79	Resp:	222154
Ion	Ratio	Lower	Upper
79	100		
52	79.3	62.0	93.0
51	38.6	30.6	46.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#4

n-Nitrosodimethylamine

Concen: 10.330 ng

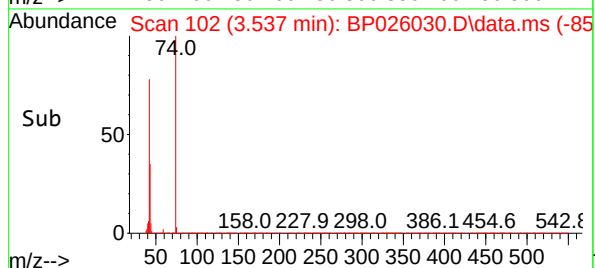
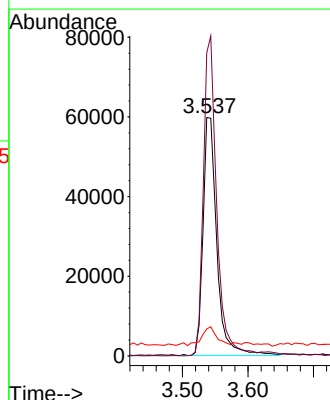
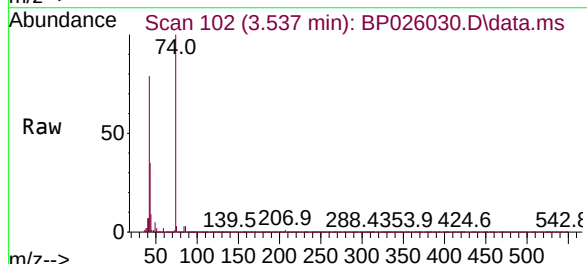
RT: 3.537 min Scan# 102

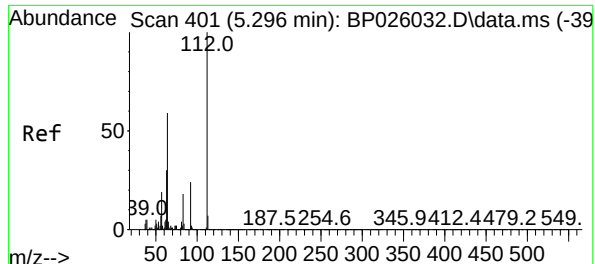
Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

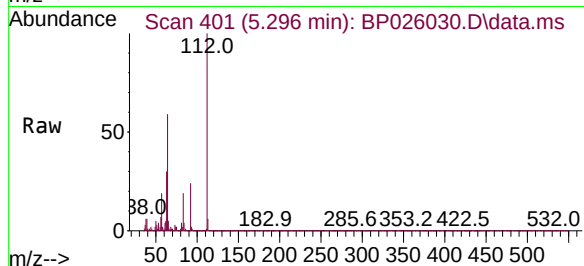
Tgt Ion:	42	Resp:	86859
Ion	Ratio	Lower	Upper
42	100		
74	127.2	105.7	158.5
44	11.3	6.6	9.8





#5
2-Fluorophenol
Concen: 20.712 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

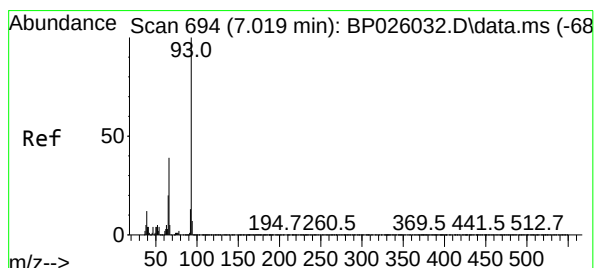
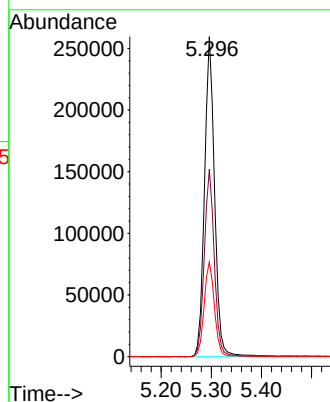
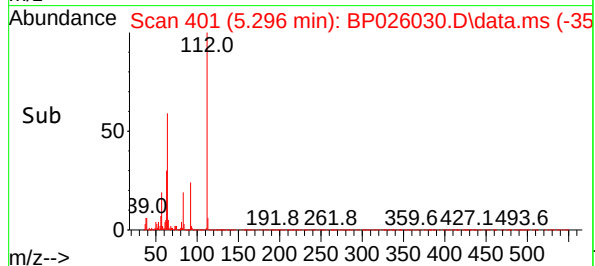
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 362572
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.2
63 29.6 24.2 36.4

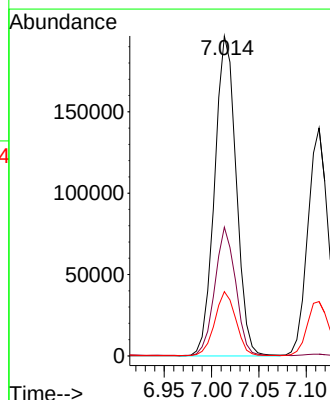
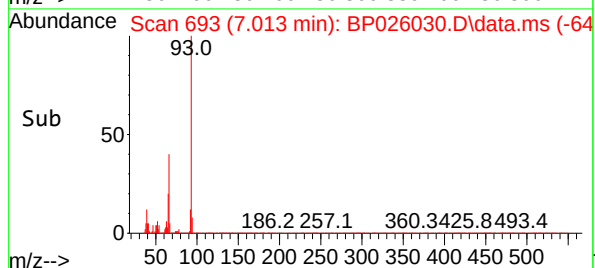
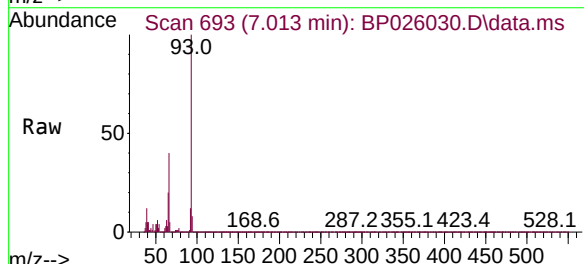
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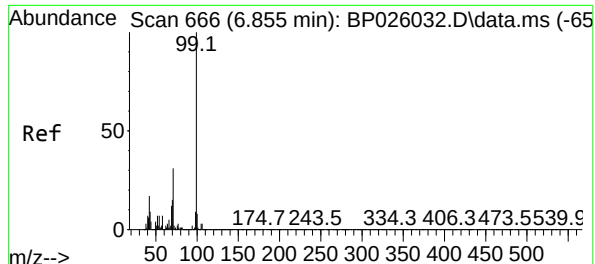
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 10.476 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

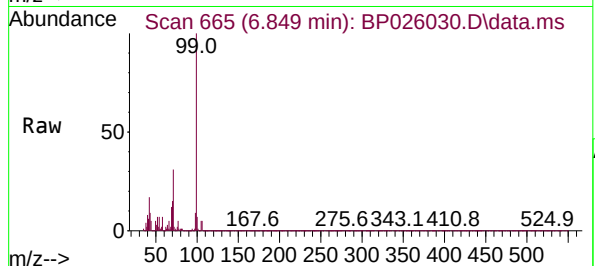
Tgt Ion: 93 Resp: 311508
Ion Ratio Lower Upper
93 100
66 40.2 31.2 46.8
65 20.1 16.1 24.1





#7
Phenol-d6
Concen: 20.484 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

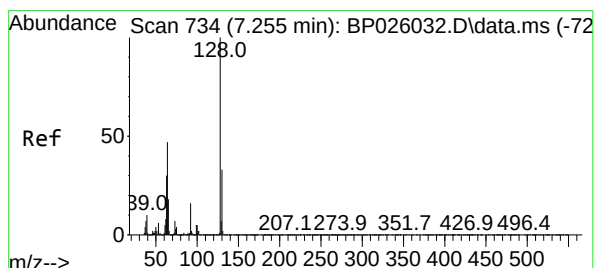
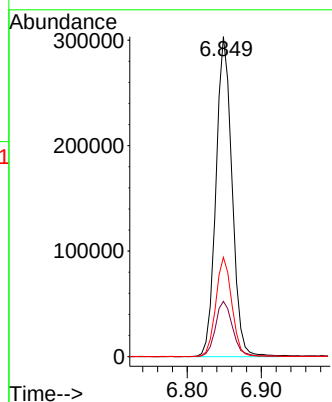
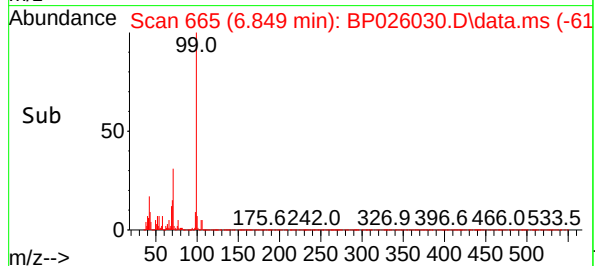
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 456392
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 31.1 24.4 36.6

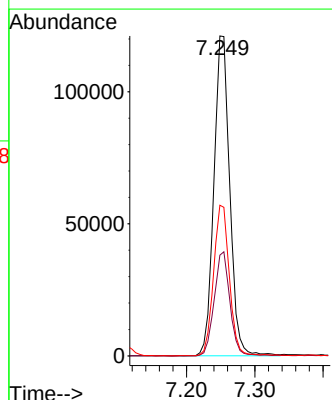
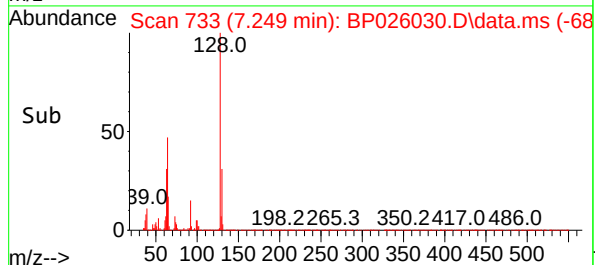
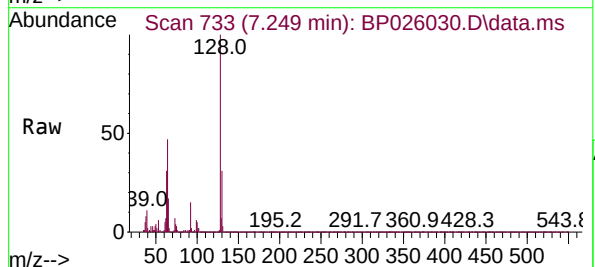
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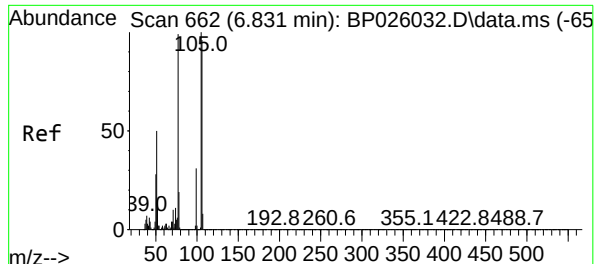
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 10.086 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

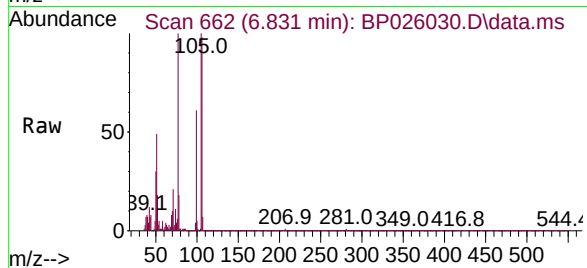
Tgt Ion:128 Resp: 195513
Ion Ratio Lower Upper
128 100
130 31.5 12.7 52.7
64 47.1 27.4 67.4





#9
Benzaldehyde
Concen: 10.666 ng m
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

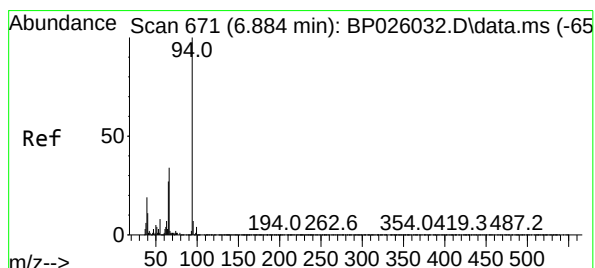
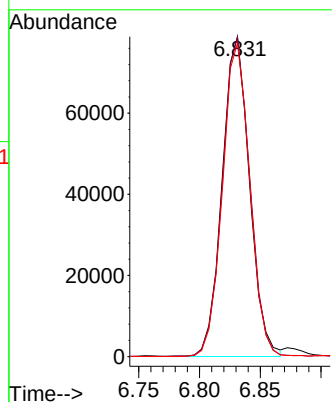
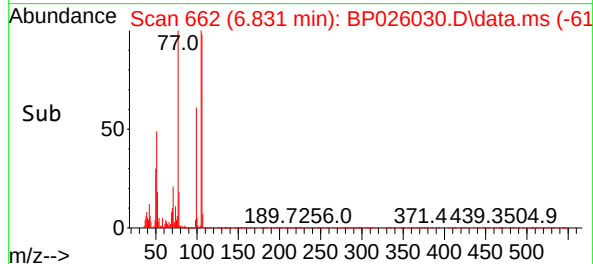
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 123534
Ion Ratio Lower Upper
77 100
105 100.0 80.7 120.7
106 98.0 76.5 116.5

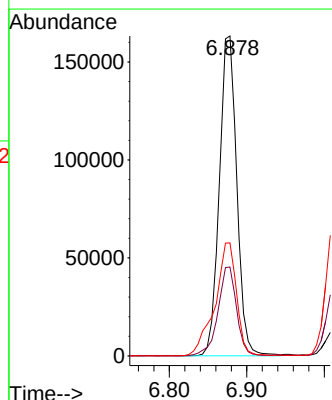
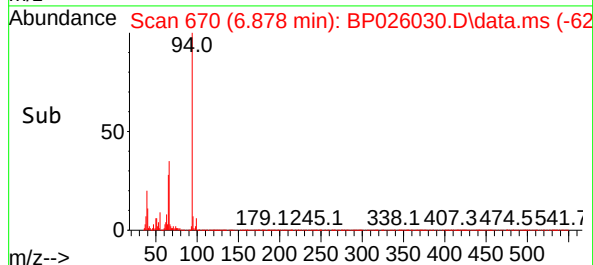
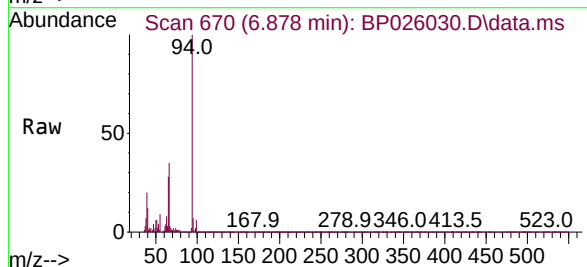
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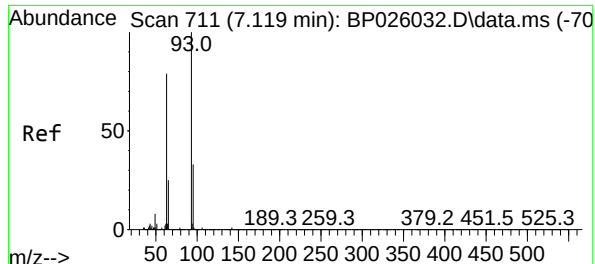
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 10.340 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 94 Resp: 255762
Ion Ratio Lower Upper
94 100
65 27.8 7.1 47.1
66 35.3 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 10.612 ng

RT: 7.114 min Scan# 711

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 207158

Ion Ratio Lower Upper

93 100

63 80.5 59.1 99.1

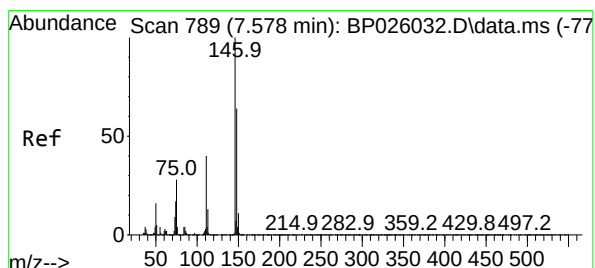
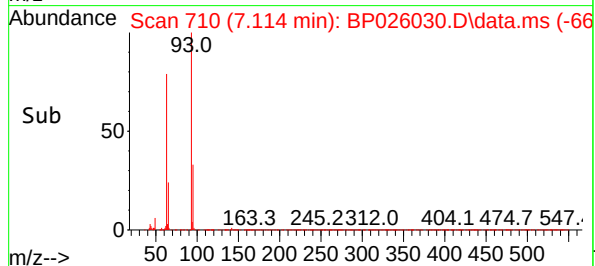
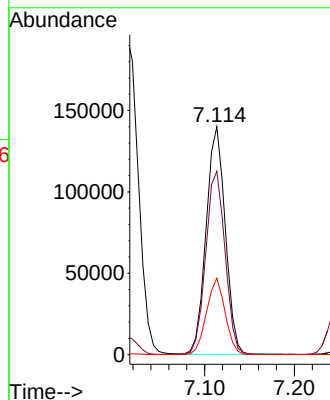
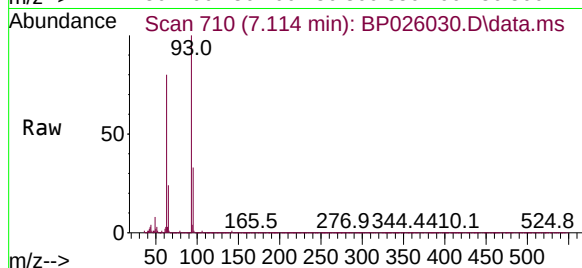
95 33.5 12.6 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 10.771 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

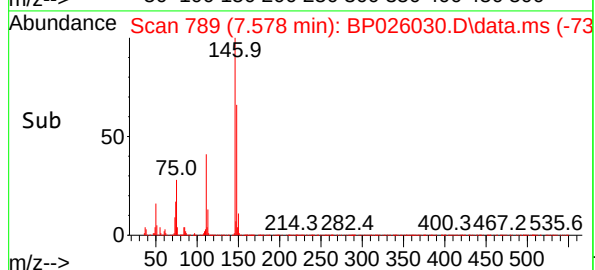
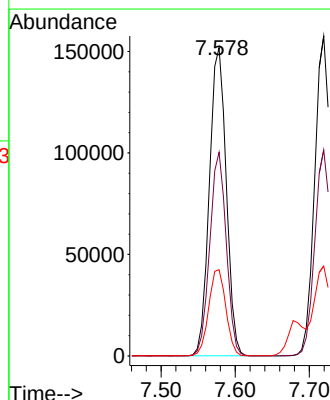
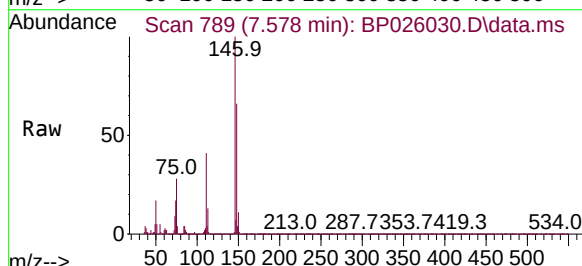
Tgt Ion:146 Resp: 239783

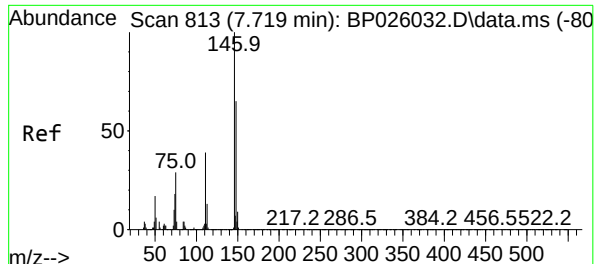
Ion Ratio Lower Upper

146 100

148 66.0 51.6 77.4

75 28.0 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 10.787 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 242788

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

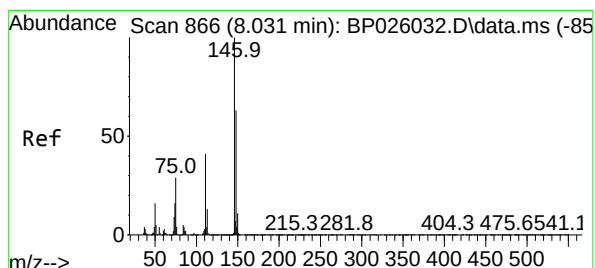
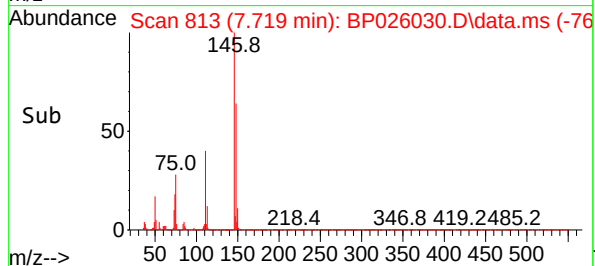
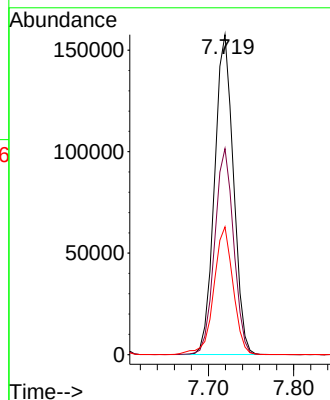
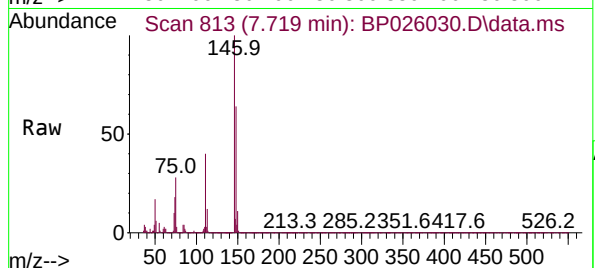
111 39.9 31.3 46.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 10.729 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

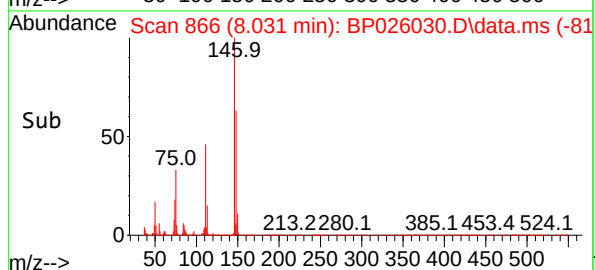
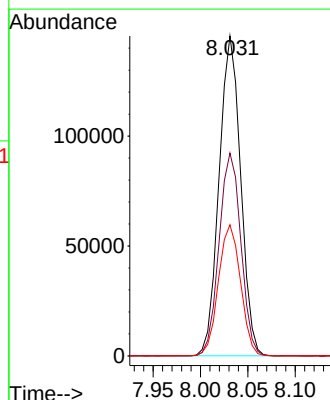
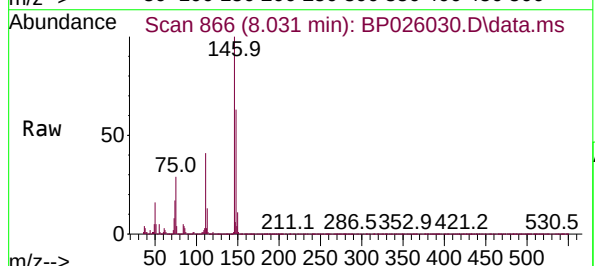
Tgt Ion:146 Resp: 230430

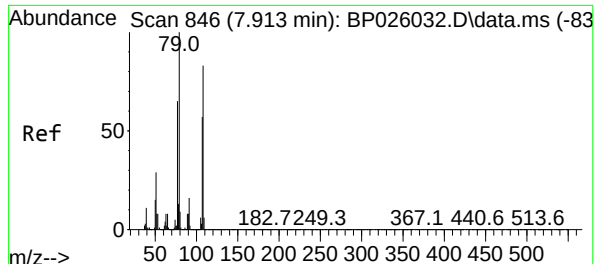
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 41.0 33.0 49.4





#15

Benzyl Alcohol

Concen: 9.618 ng

RT: 7.908 min Scan# 846

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 15449

Ion Ratio Lower Upper

79 100

108 81.9 66.0 99.0

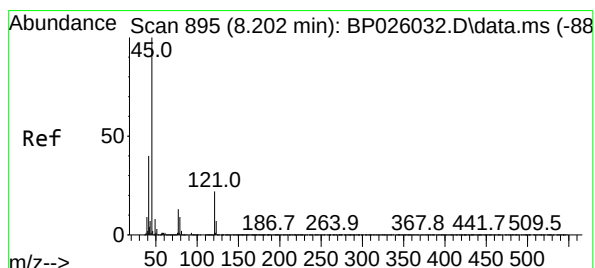
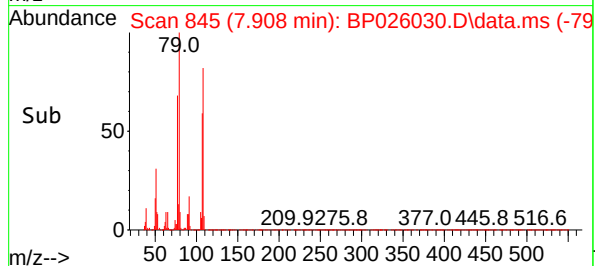
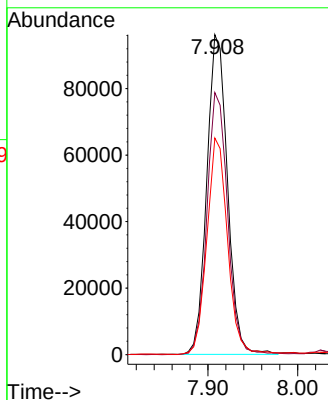
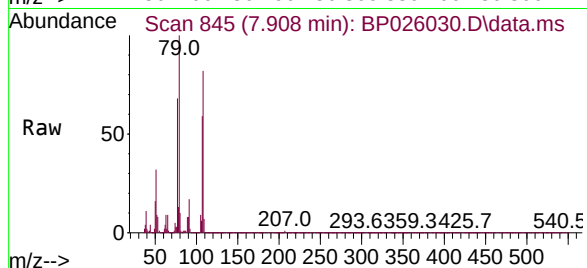
77 67.7 52.3 78.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.818 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

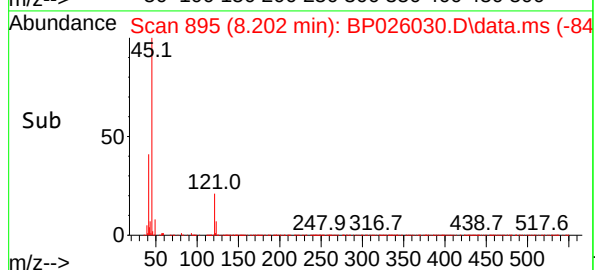
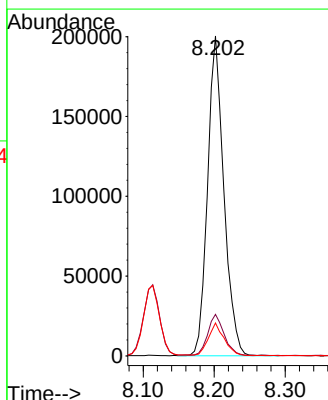
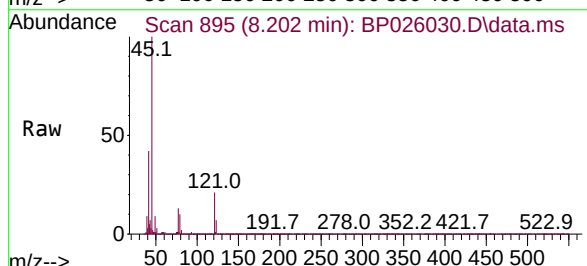
Tgt Ion: 45 Resp: 319172

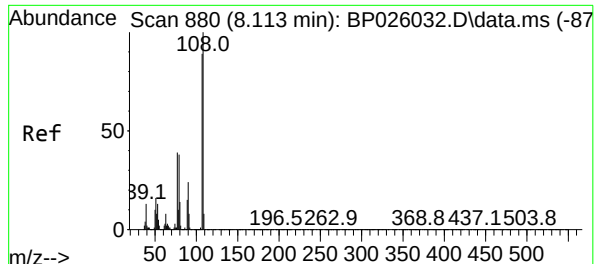
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

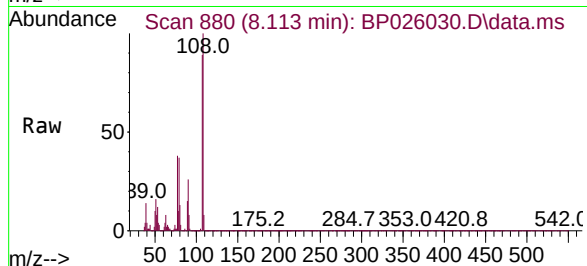
79 10.3 0.0 29.5





#17
2-Methylphenol
Concen: 10.068 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

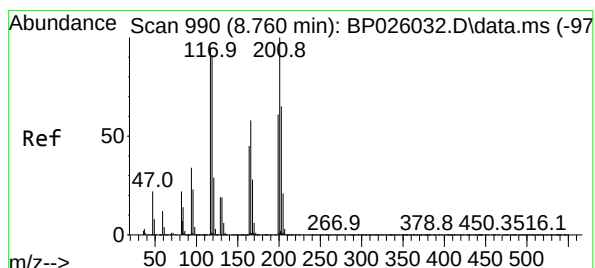
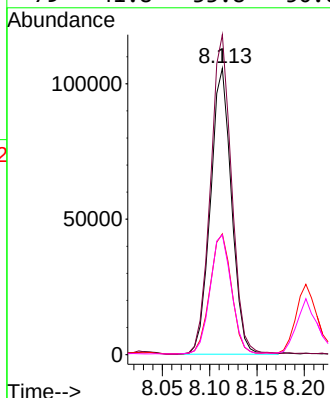
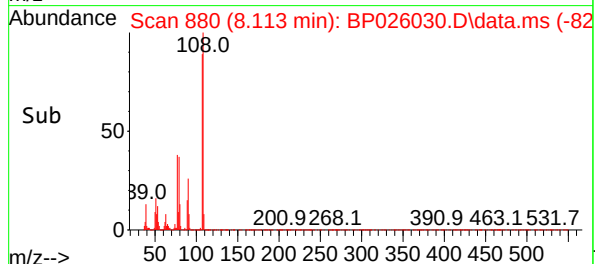
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 163076
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.8
77 42.2 34.8 52.2
79 41.8 33.8 50.6

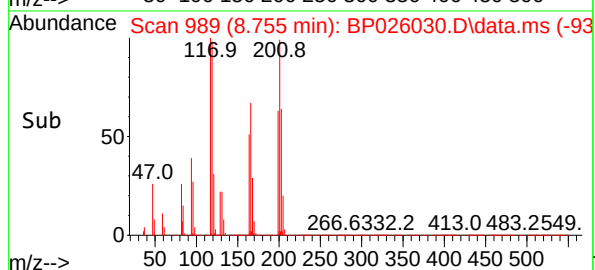
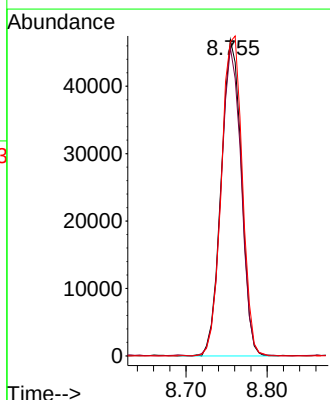
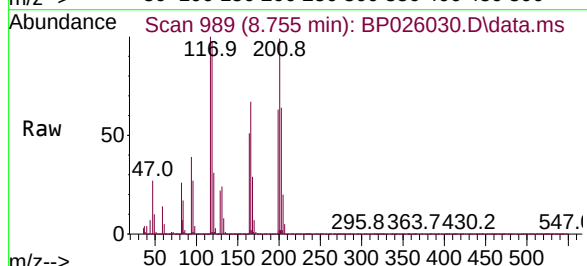
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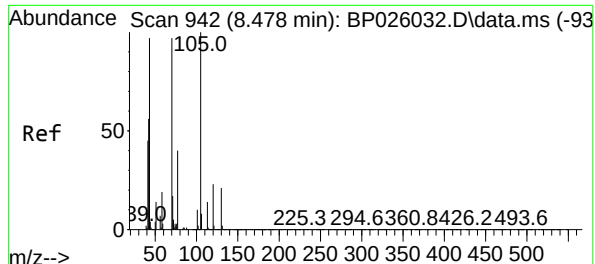
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 10.537 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:117 Resp: 81158
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7
201 99.3 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.582 ng

RT: 8.472 min Scan# 94

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 146354

Ion Ratio Lower Upper

70 100

42 60.0 47.2 70.8

101 9.8 8.2 12.2

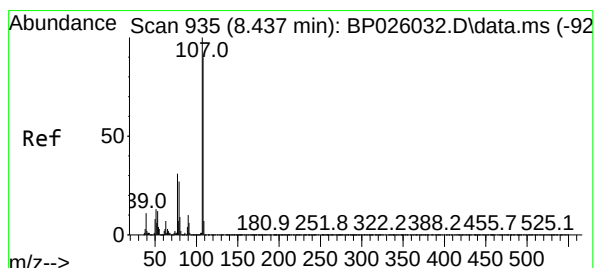
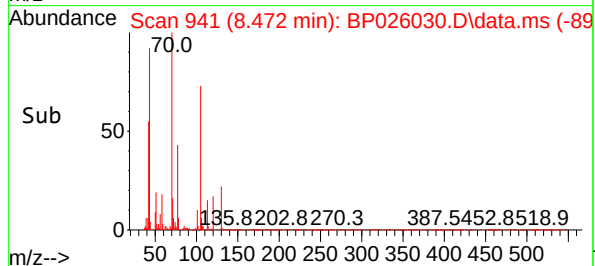
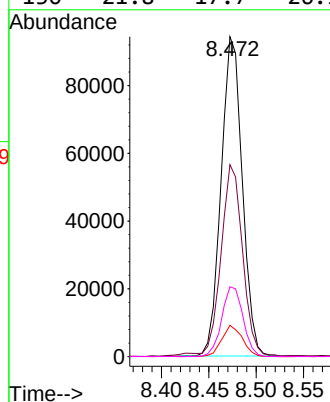
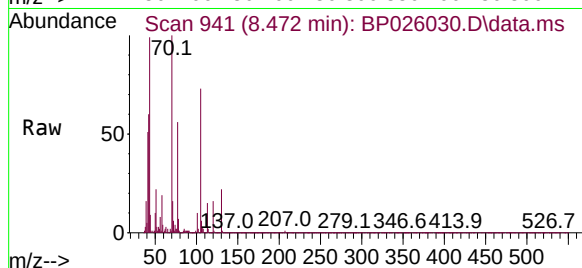
130 21.8 17.7 26.5

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 9.746 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.011 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:107 Resp: 219610

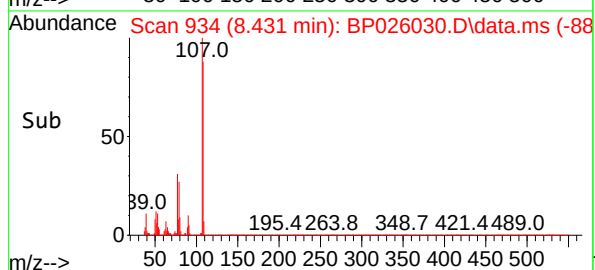
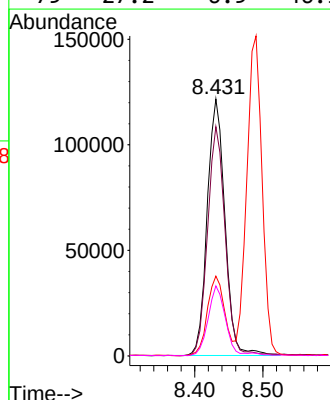
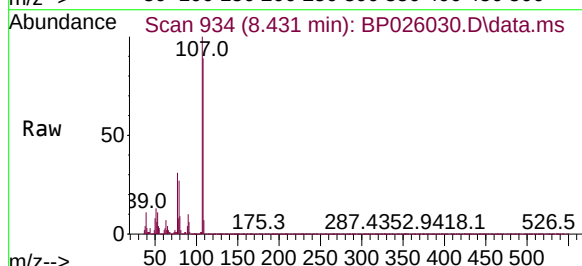
Ion Ratio Lower Upper

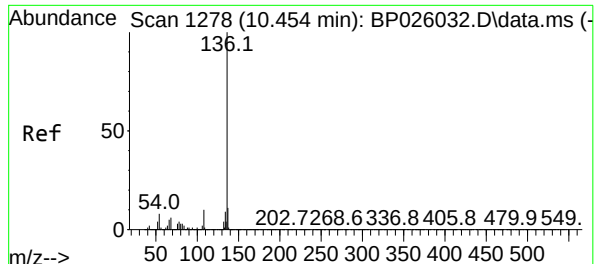
107 100

108 89.2 70.1 110.1

77 31.0 10.7 50.7

79 27.2 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 1158283

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.6 6.6 10.0

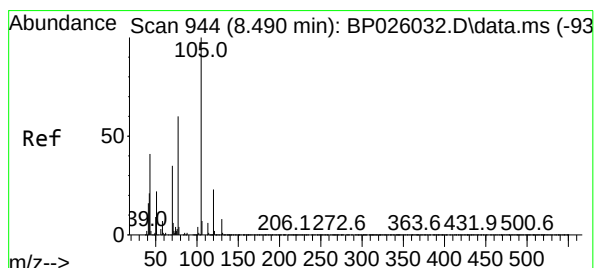
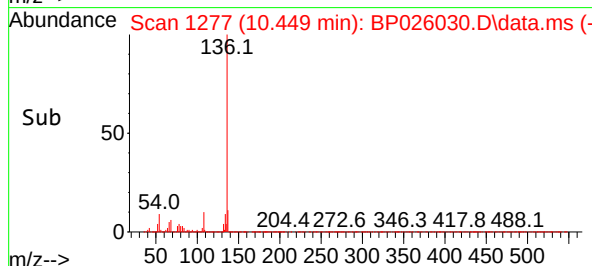
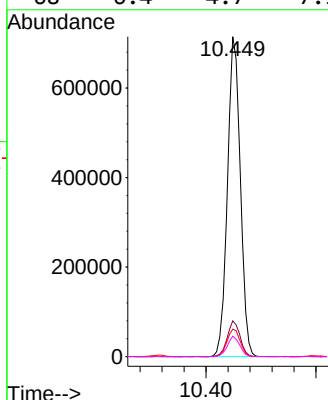
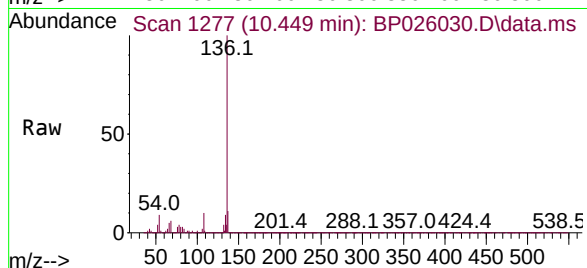
68 6.4 4.7 7.1

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 10.842 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:105 Resp: 317614

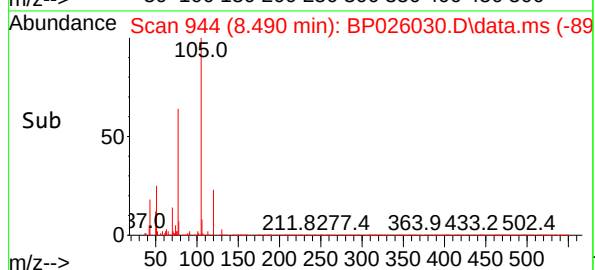
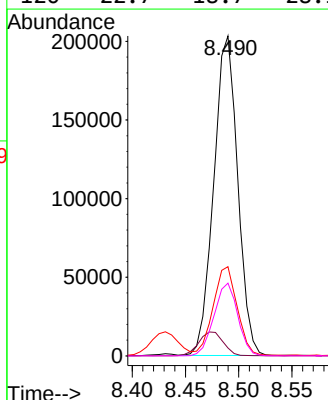
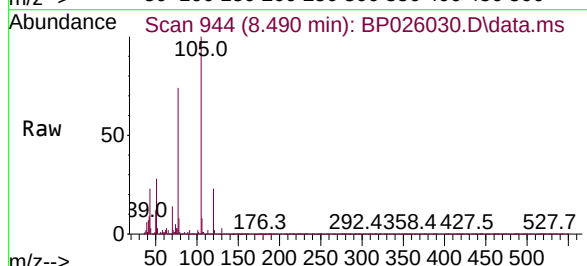
Ion Ratio Lower Upper

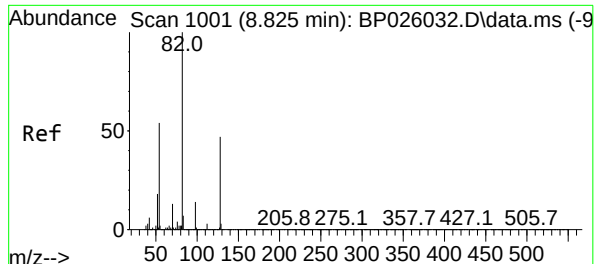
105 100

71 2.5 4.7 7.1#

51 27.9 21.8 32.8

120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 19.781 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 367535

Ion Ratio Lower Upper

82 100

128 44.2 37.4 56.0

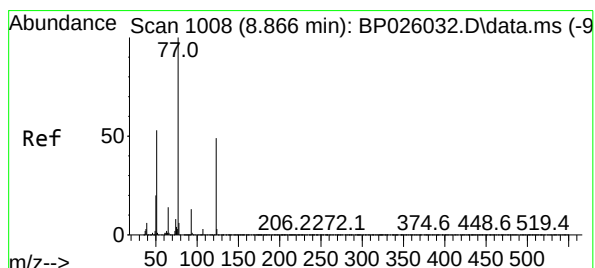
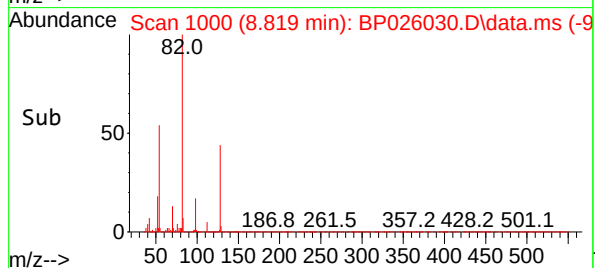
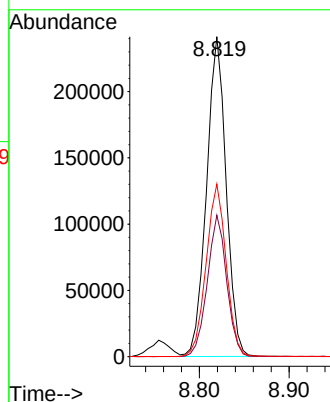
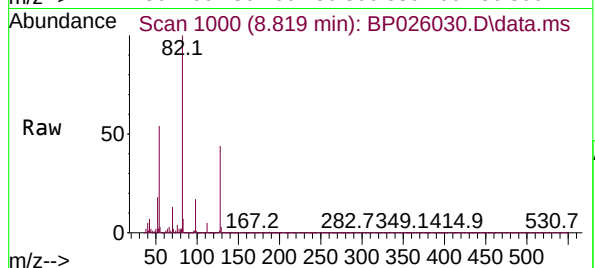
54 53.9 42.7 64.1

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 10.199 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

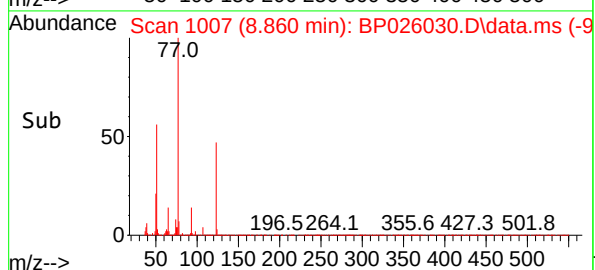
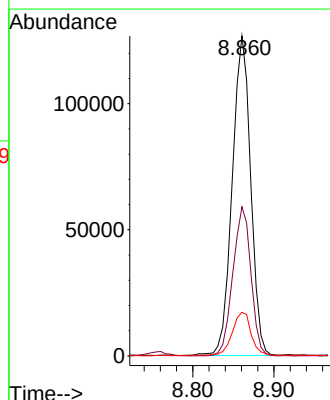
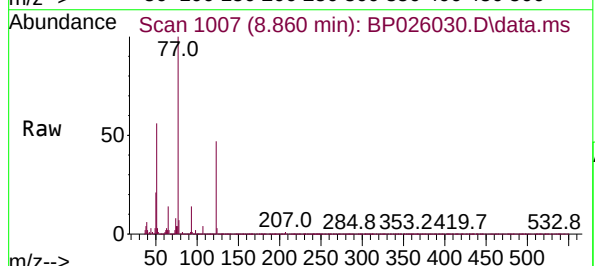
Tgt Ion: 77 Resp: 200078

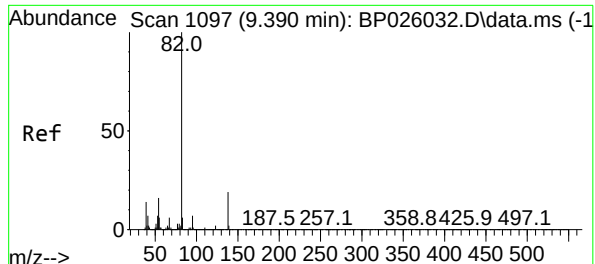
Ion Ratio Lower Upper

77 100

123 46.6 39.0 58.4

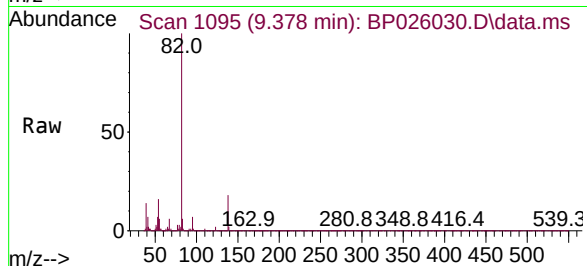
65 13.6 10.9 16.3





#25
Isophorone
Concen: 10.506 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

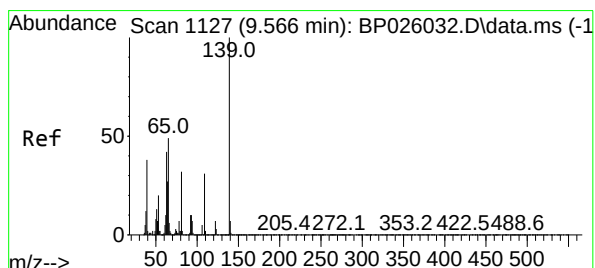
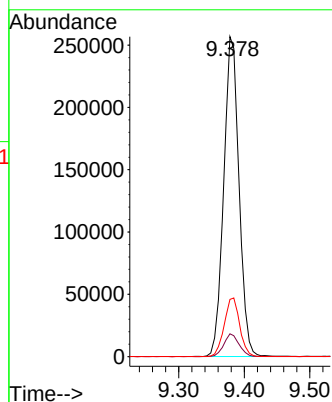
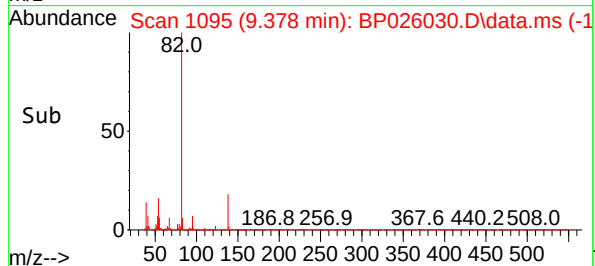
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 41783
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.9 15.0 22.6

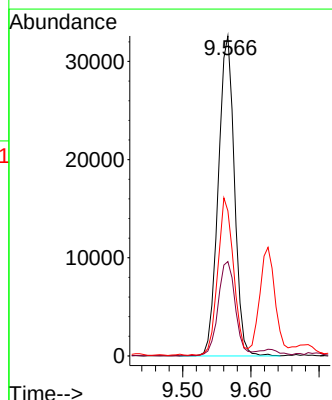
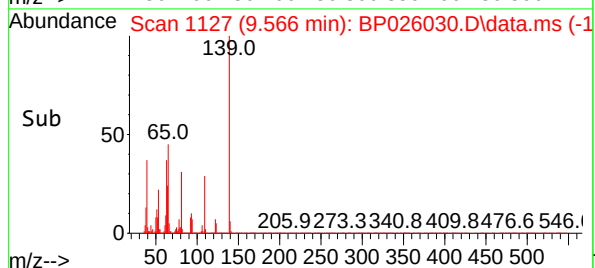
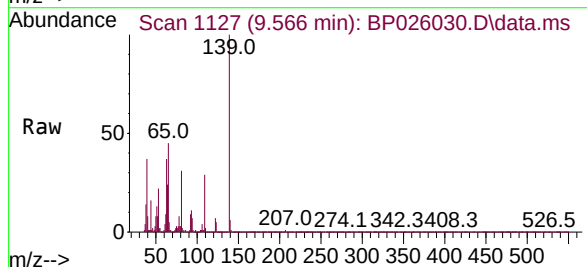
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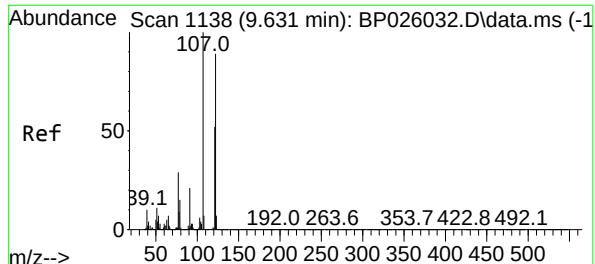
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 9.634 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

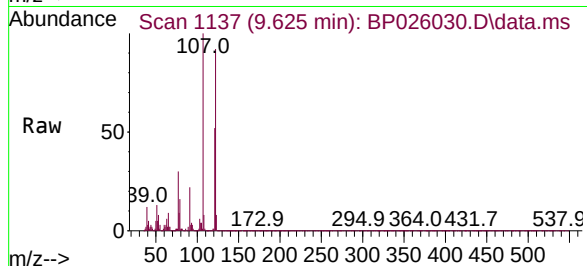
Tgt Ion:139 Resp: 53200
Ion Ratio Lower Upper
139 100
109 29.5 24.8 37.2
65 45.3 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 10.585 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

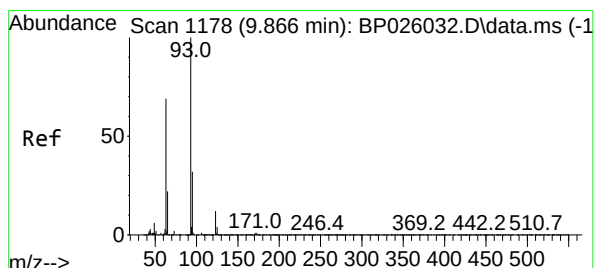
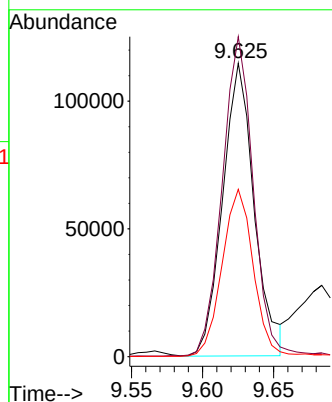
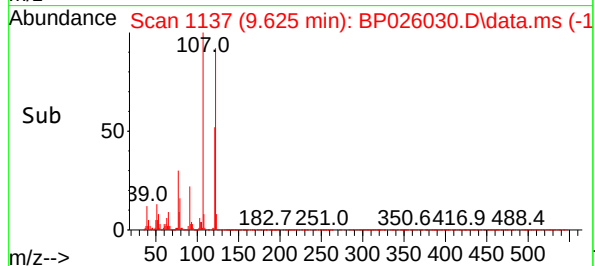
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 122 Resp: 17702
Ion Ratio Lower Upper
122 100
107 109.1 89.2 133.8
121 57.0 46.3 69.5

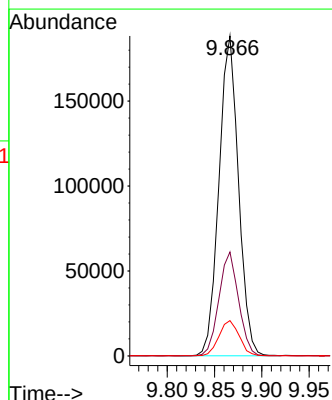
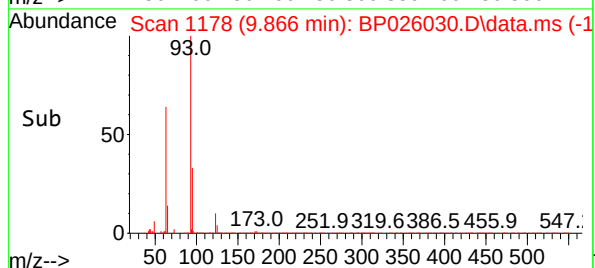
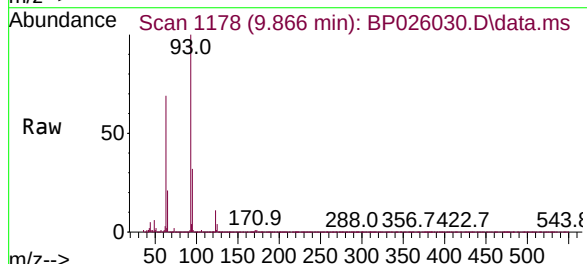
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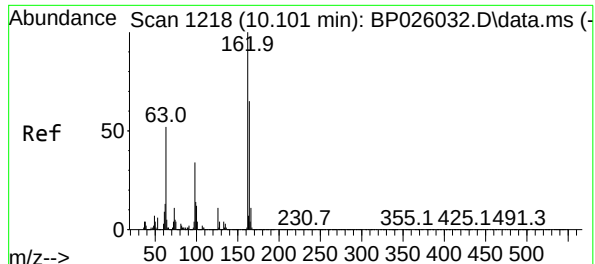
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.772 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 93 Resp: 269975
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.0 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 9.911 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 175015

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

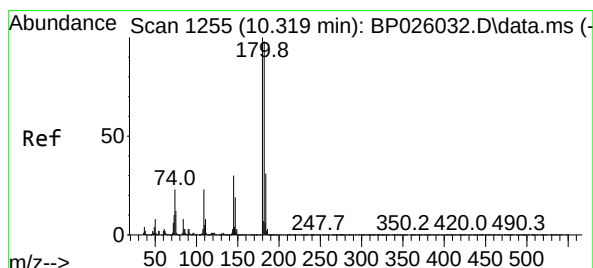
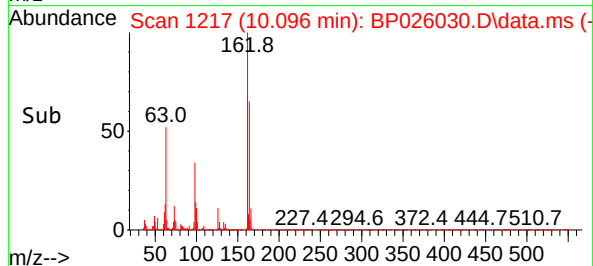
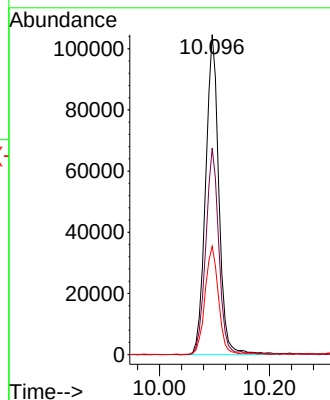
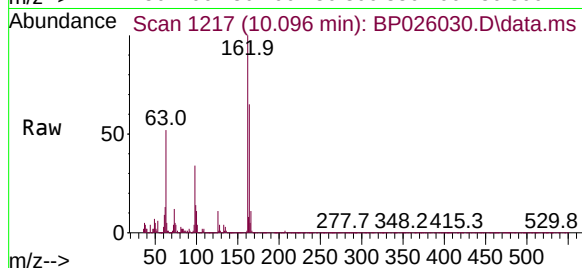
98 33.8 14.0 54.0

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.893 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

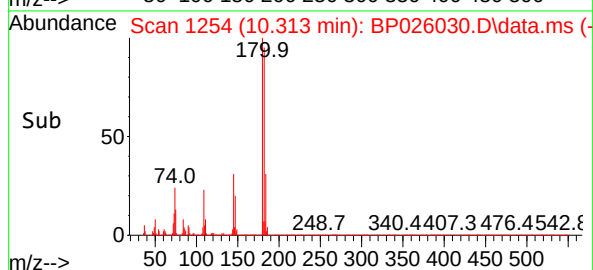
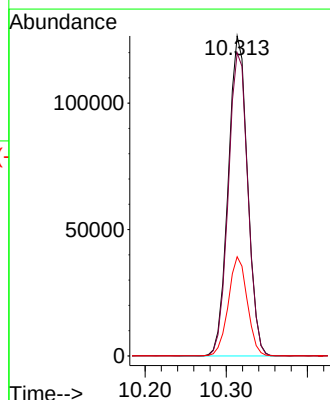
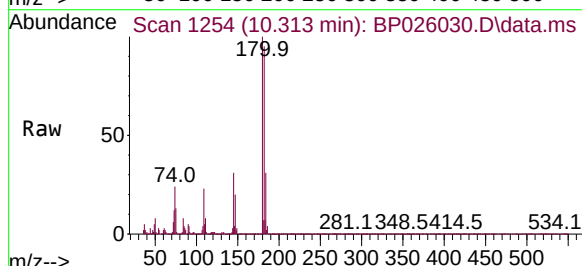
Tgt Ion:180 Resp: 209064

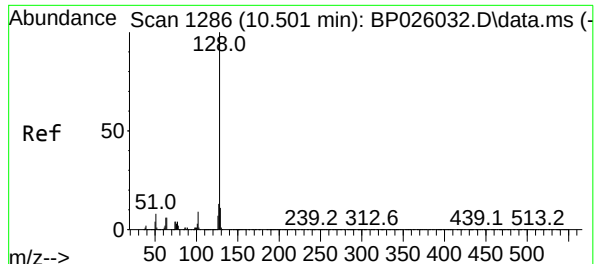
Ion Ratio Lower Upper

180 100

182 94.7 78.6 117.8

145 31.0 24.2 36.4





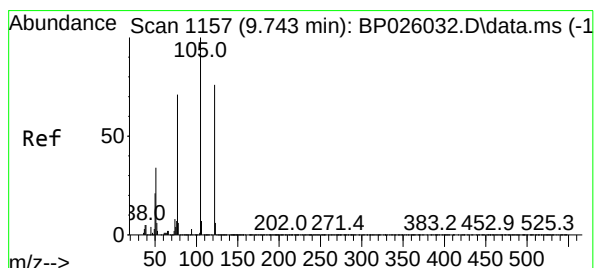
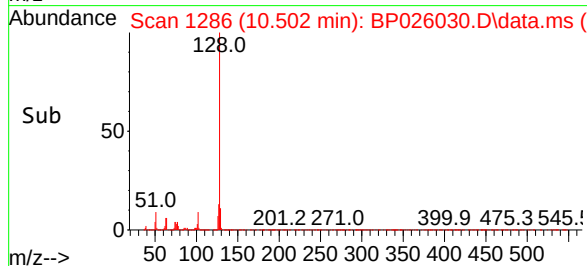
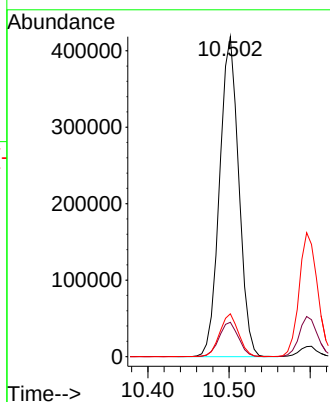
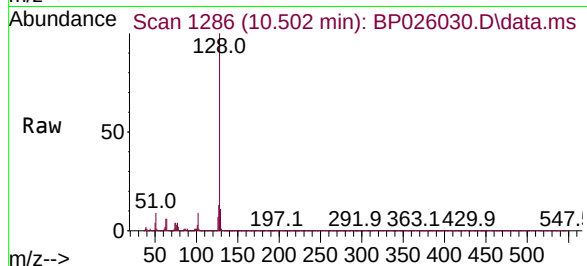
#31
Naphthalene
Concen: 10.833 ng
RT: 10.502 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 684226
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.5 15.7

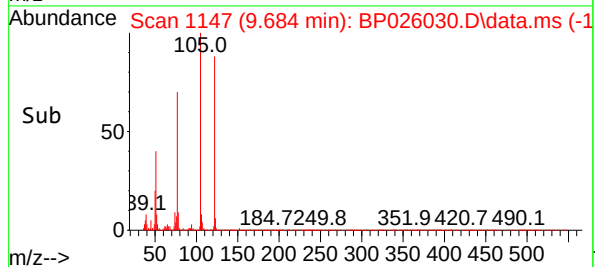
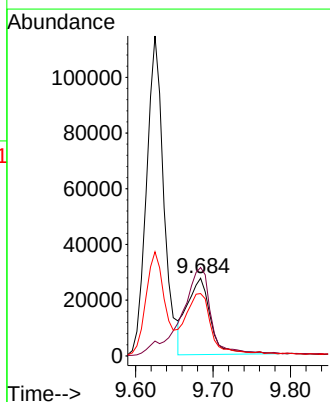
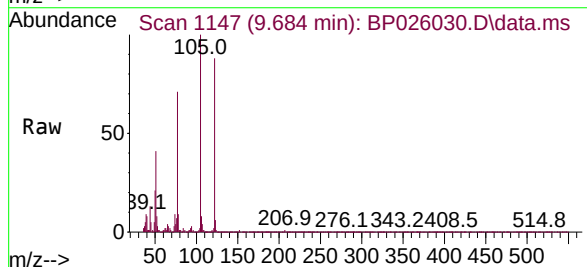
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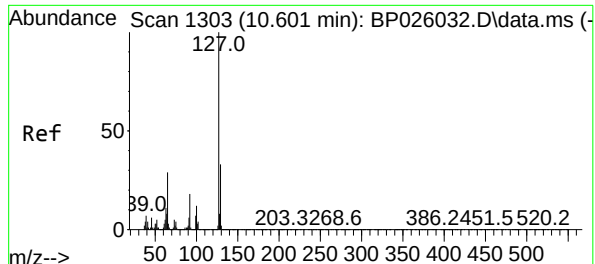
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 10.150 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.094 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

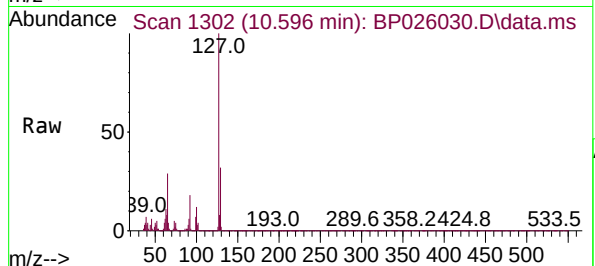
Tgt Ion:122 Resp: 58000
Ion Ratio Lower Upper
122 100
105 113.7 104.8 144.8
77 80.2 70.9 110.9





#33
4-Chloroaniline
Concen: 10.507 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

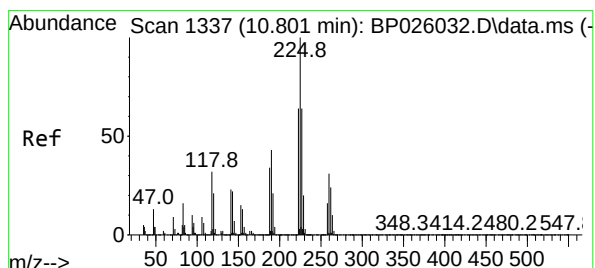
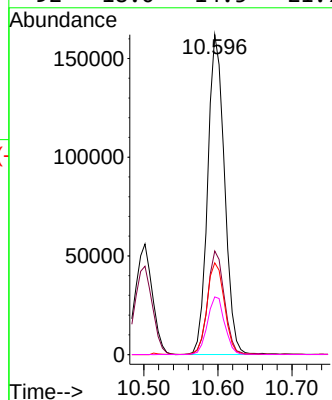
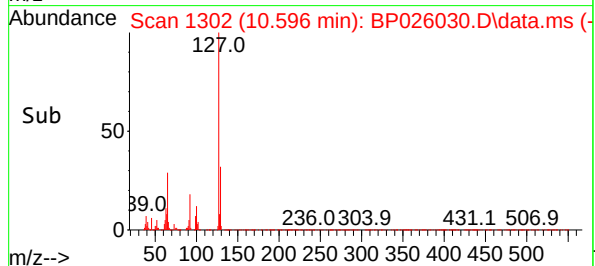
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 255029
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 28.7 23.2 34.8
92 18.0 14.5 21.7

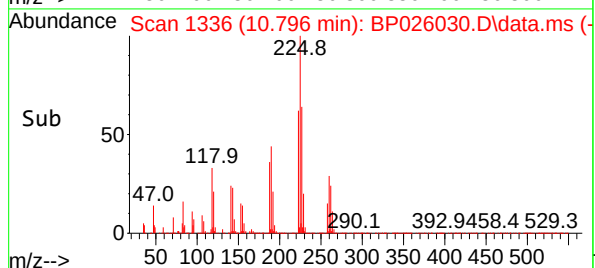
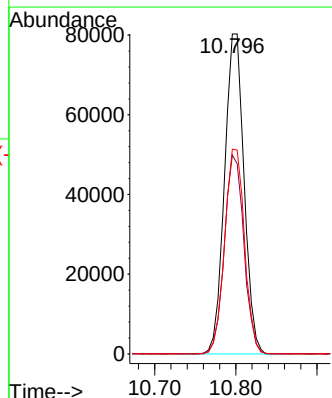
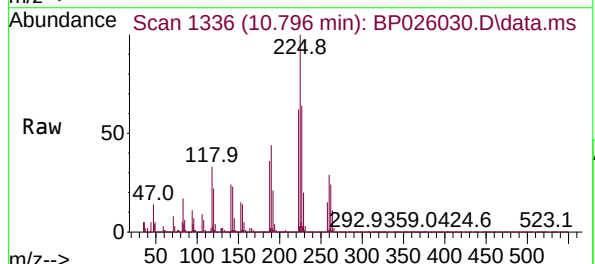
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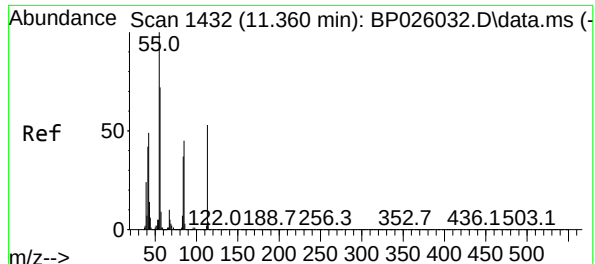
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#34
Hexachlorobutadiene
Concen: 10.977 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:225 Resp: 133883
Ion Ratio Lower Upper
225 100
223 62.1 50.9 76.3
227 64.0 51.0 76.4





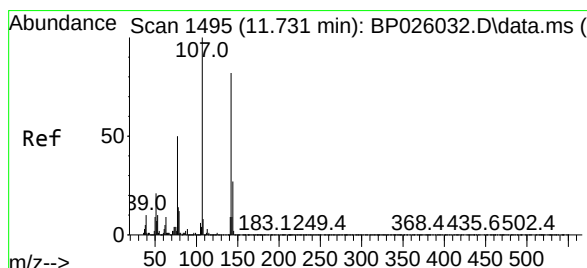
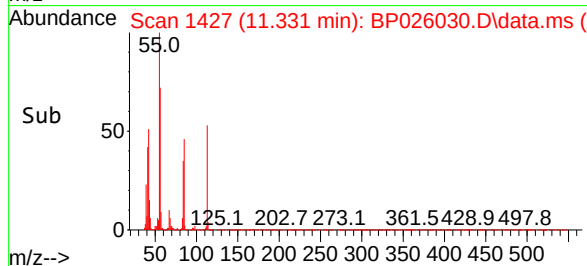
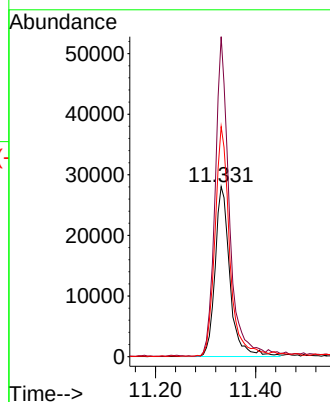
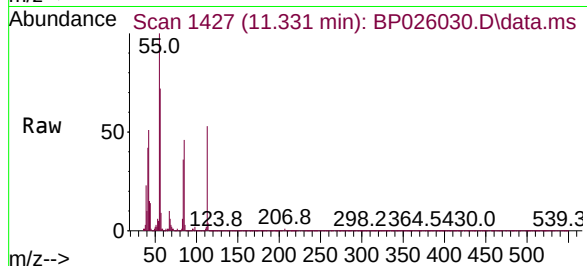
#35
Caprolactam
Concen: 9.290 ng
RT: 11.331 min Scan# 1432
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 57604
Ion Ratio Lower Upper
113 100
55 188.3 169.9 209.9
56 135.3 116.7 156.7

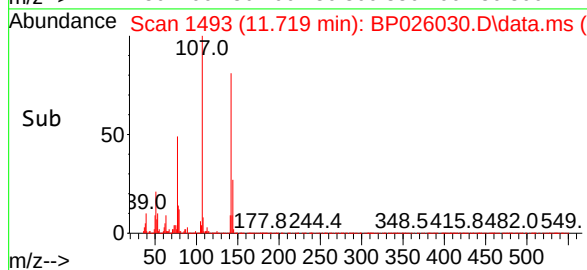
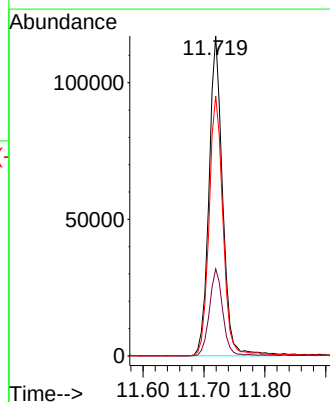
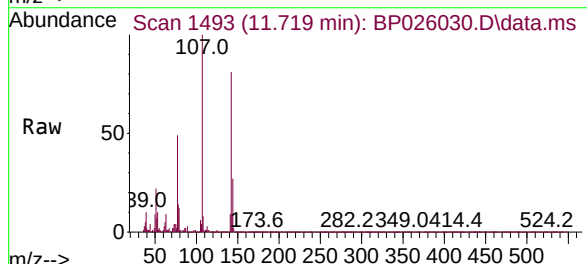
Manual Integrations
APPROVED

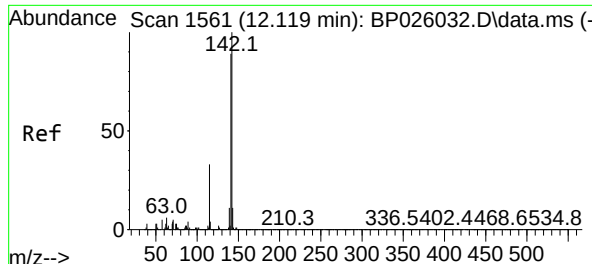
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 9.808 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

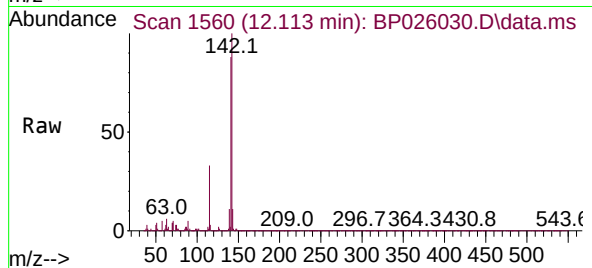
Tgt Ion:107 Resp: 181561
Ion Ratio Lower Upper
107 100
144 27.2 21.3 31.9
142 81.2 65.2 97.8





#37
2-Methylnaphthalene
Concen: 10.783 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

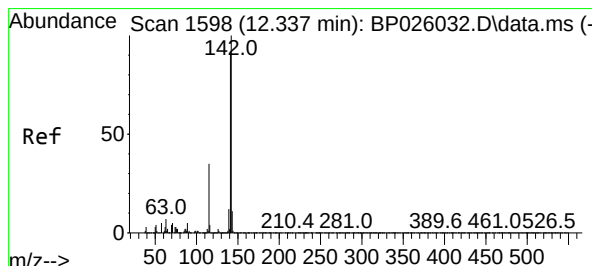
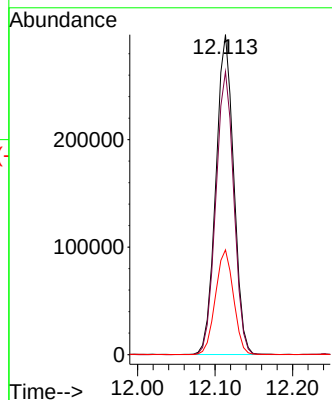
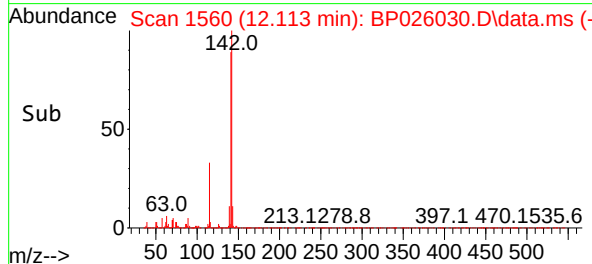
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



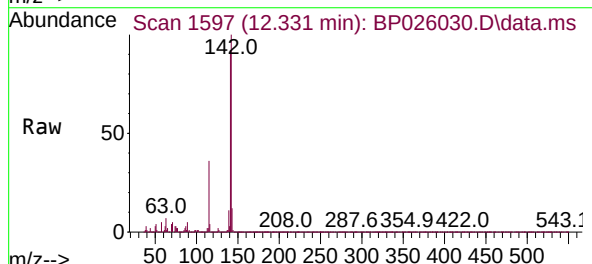
Tgt Ion:142 Resp: 476697
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4
115 32.8 26.6 39.8

Manual Integrations
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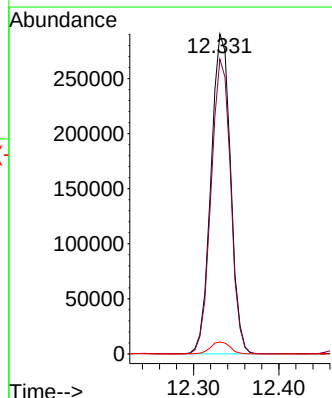
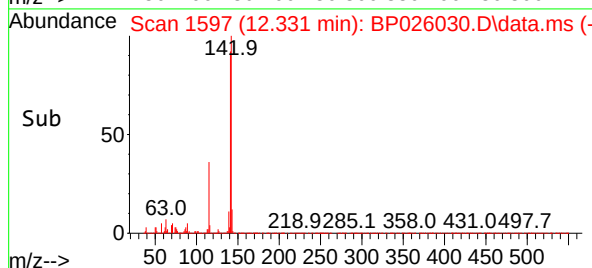
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

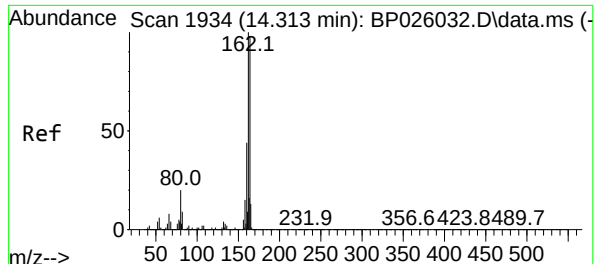


#38
1-Methylnaphthalene
Concen: 10.801 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



Tgt Ion:142 Resp: 463905
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 734566

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

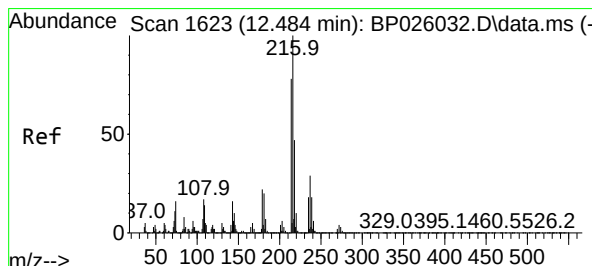
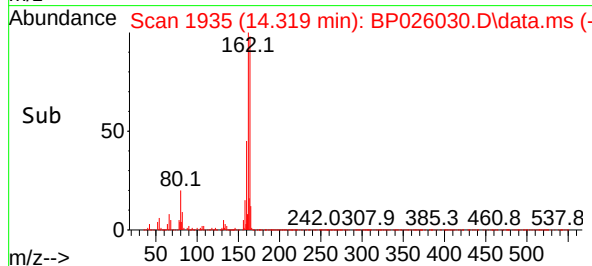
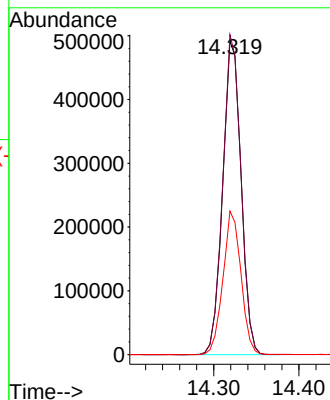
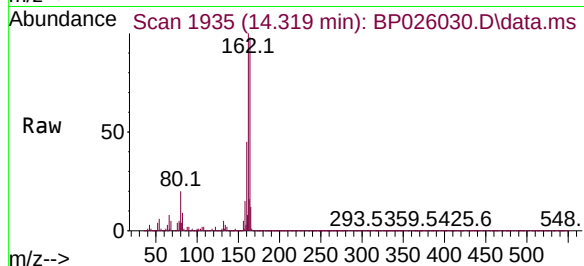
160 45.7 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.776 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:216 Resp: 245958

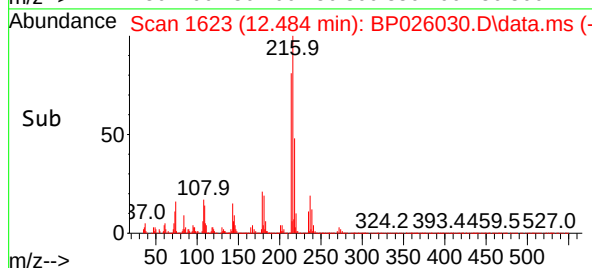
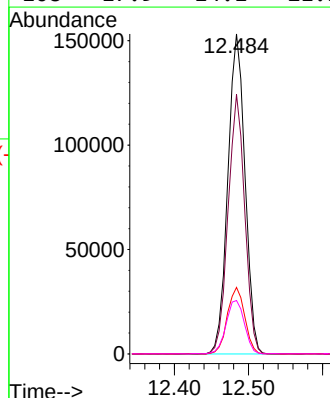
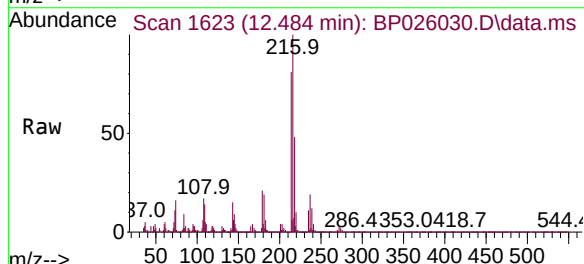
Ion Ratio Lower Upper

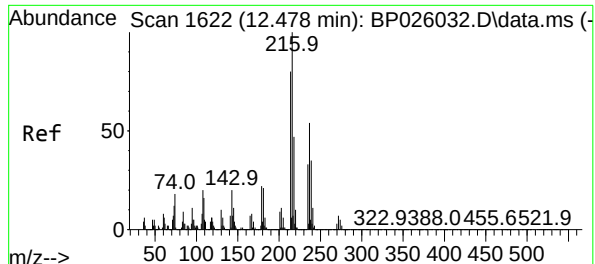
216 100

214 78.6 62.9 94.3

179 21.1 16.9 25.3

108 17.9 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 8.806 ng

RT: 12.472 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:237 Resp: 73538

Ion Ratio Lower Upper

237 100

235 64.1 40.4 80.4

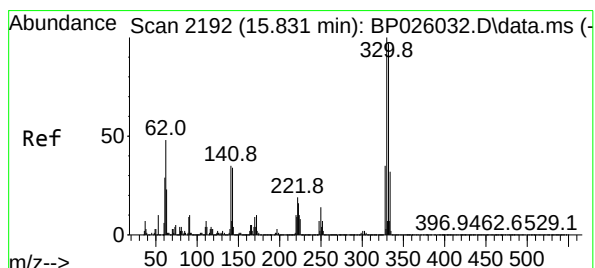
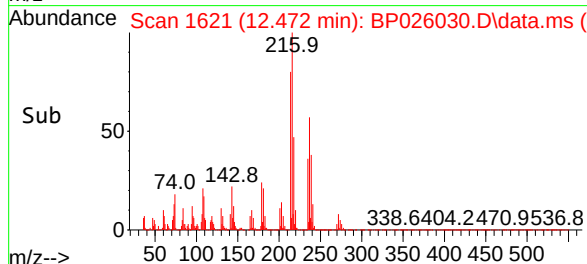
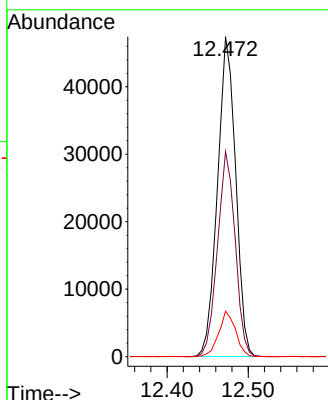
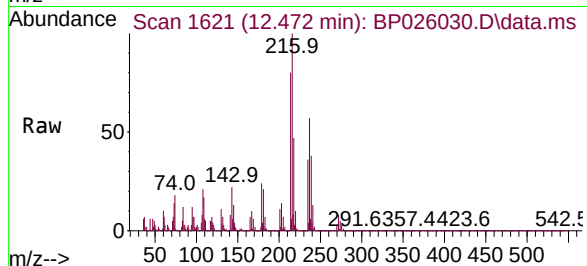
272 14.2 0.0 32.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#42

2,4,6-Tribromophenol

Concen: 19.502 ng

RT: 15.831 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

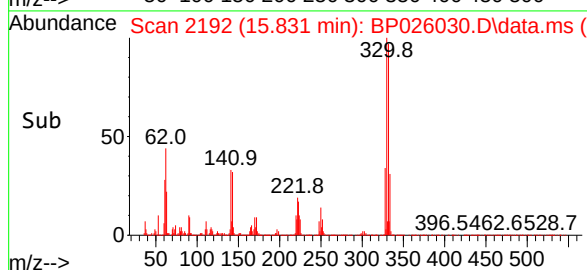
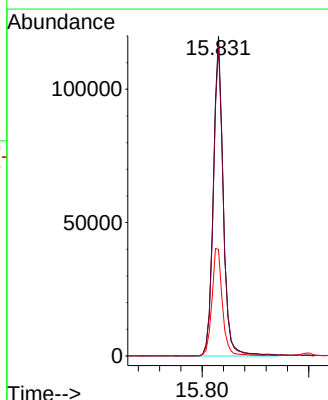
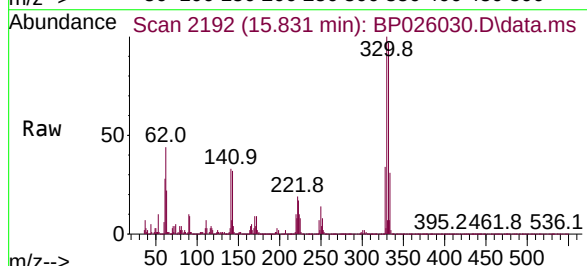
Tgt Ion:330 Resp: 154869

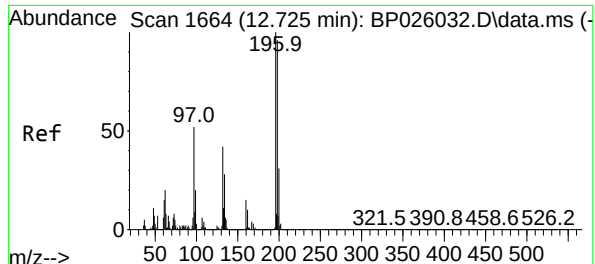
Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 35.8 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 9.317 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 125693

Ion Ratio Lower Upper

196 100

198 94.6 76.5 114.7

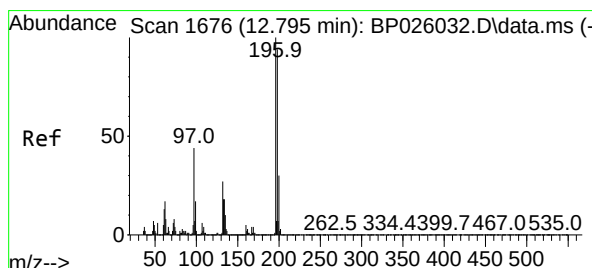
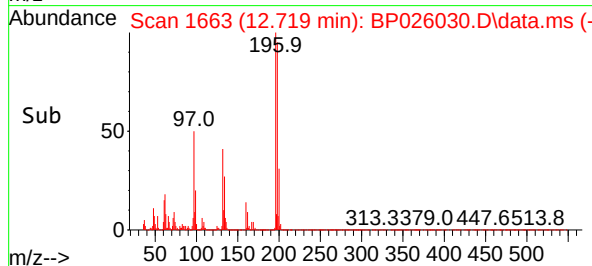
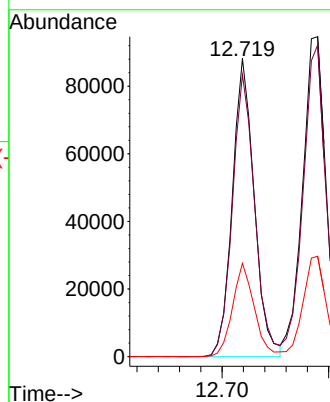
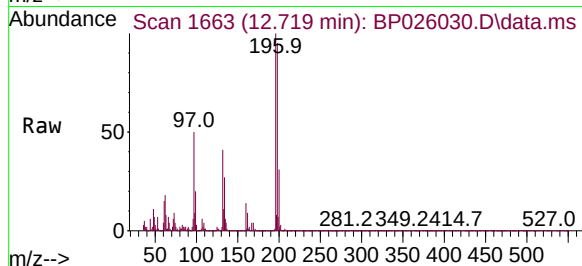
200 31.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 9.868 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:196 Resp: 151902

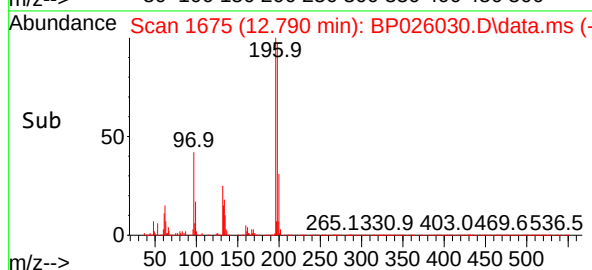
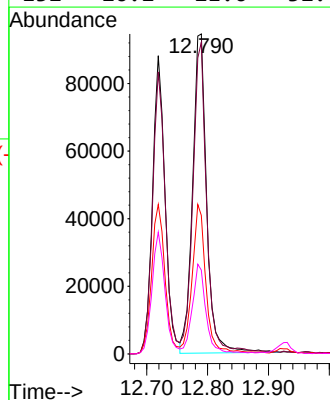
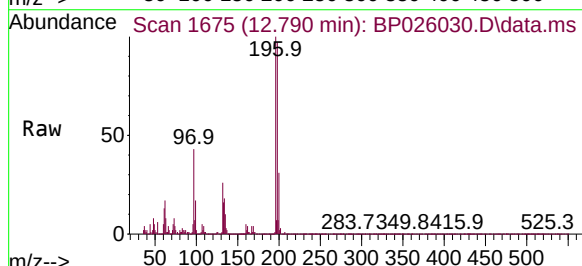
Ion Ratio Lower Upper

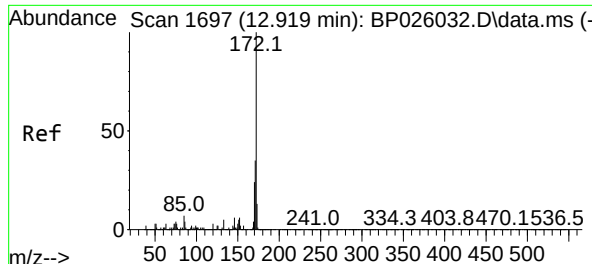
196 100

198 97.4 75.1 112.7

97 43.3 35.5 53.3

132 26.2 21.6 32.4





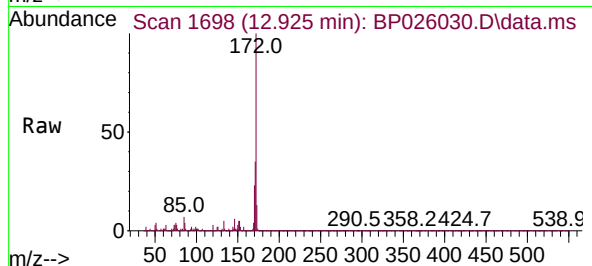
#45
2-Fluorobiphenyl
Concen: 22.262 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

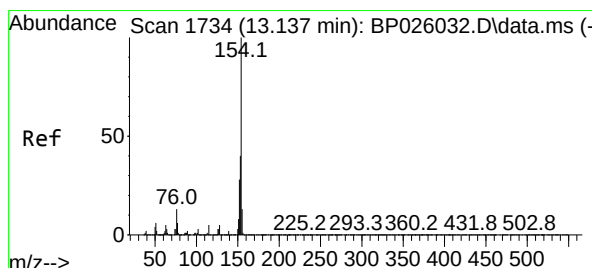
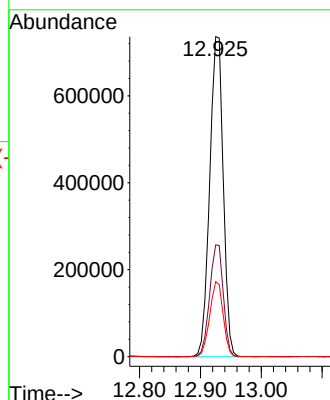
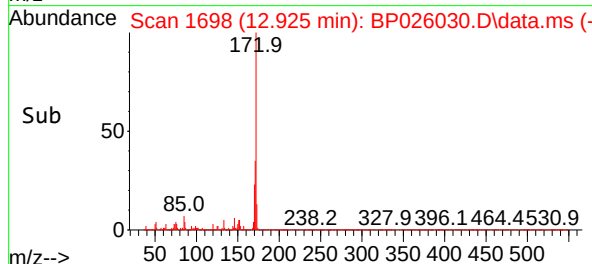


Tgt Ion:172 Resp: 1138070
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 19.0 28.4

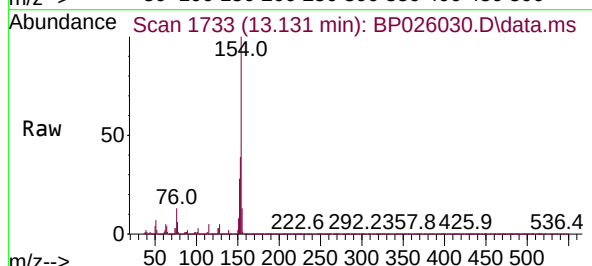
Manual Integrations

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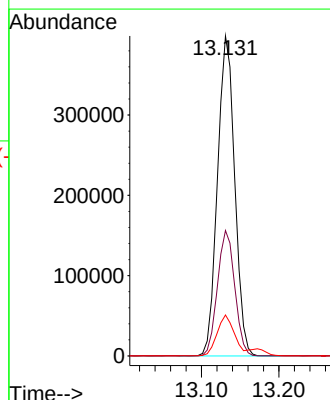
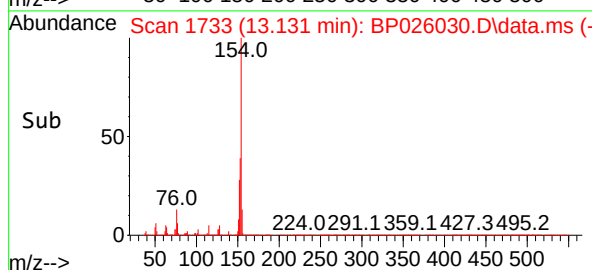
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

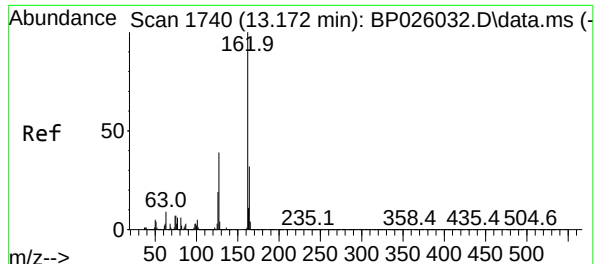


#46
1,1'-Biphenyl
Concen: 10.924 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



Tgt Ion:154 Resp: 614441
Ion Ratio Lower Upper
154 100
153 39.2 20.2 60.2
76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 10.824 ng

RT: 13.172 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 479020

Ion Ratio Lower Upper

162 100

127 38.7 31.4 47.2

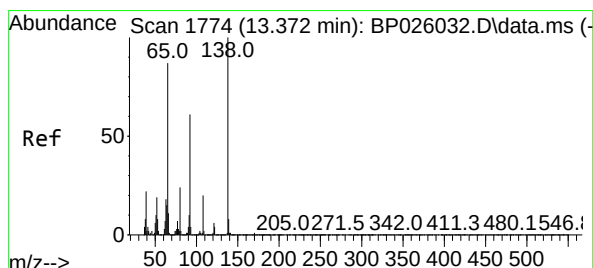
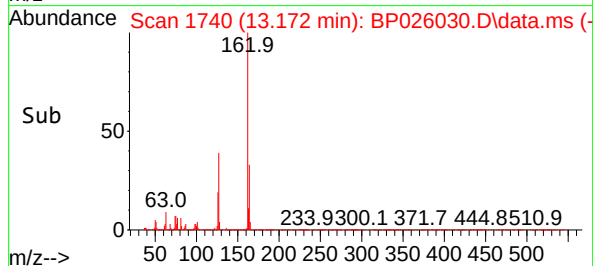
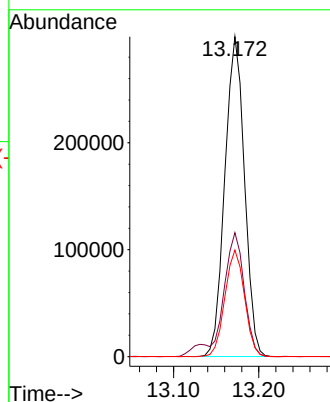
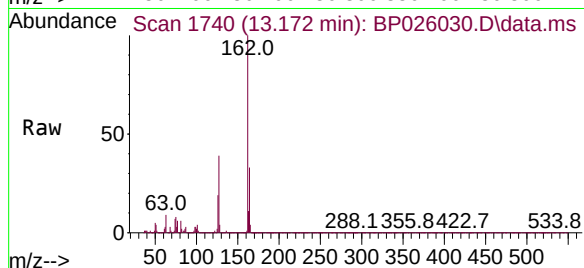
164 33.3 25.9 38.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#48

2-Nitroaniline

Concen: 9.741 ng

RT: 13.366 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

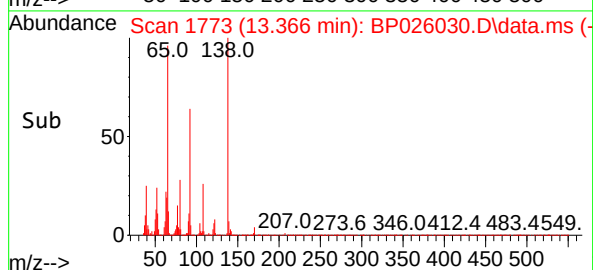
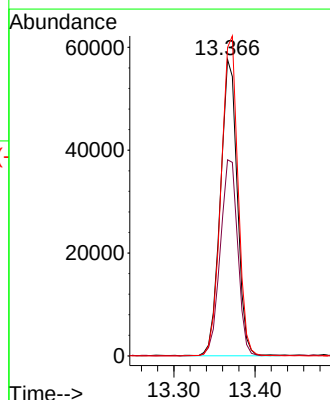
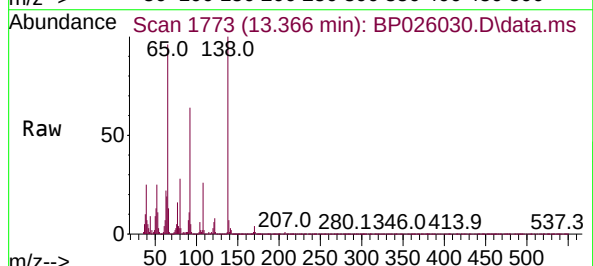
Tgt Ion: 65 Resp: 83149

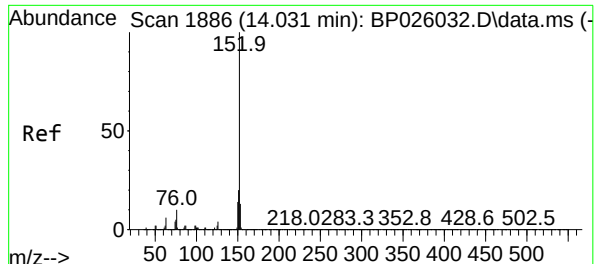
Ion Ratio Lower Upper

65 100

92 66.2 55.5 83.3

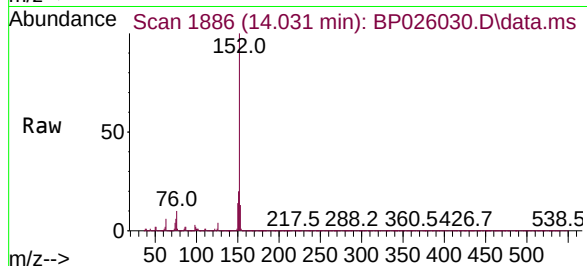
138 104.1 91.7 137.5





#49
Acenaphthylene
Concen: 10.506 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

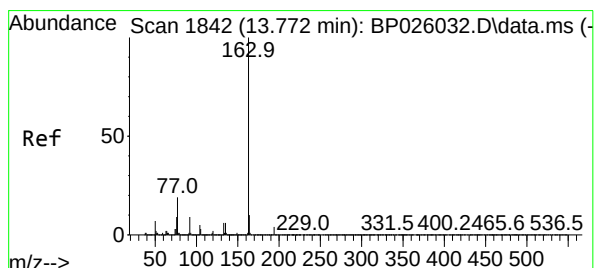
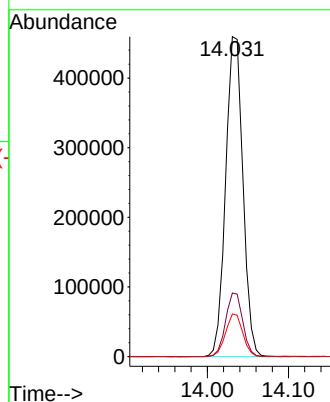
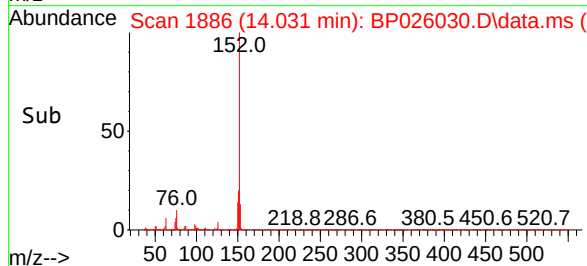
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 67762
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.6 16.0

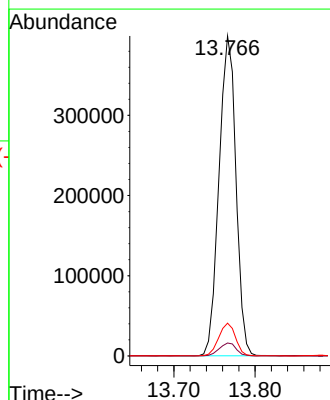
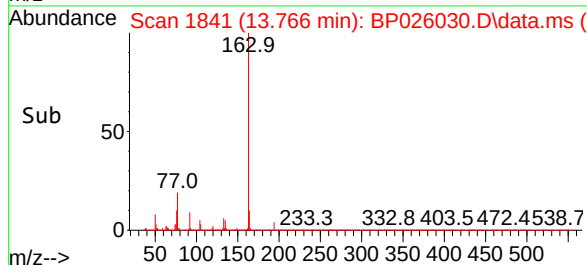
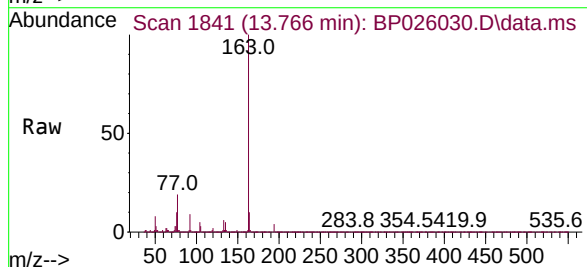
Manual Integrations
APPROVED

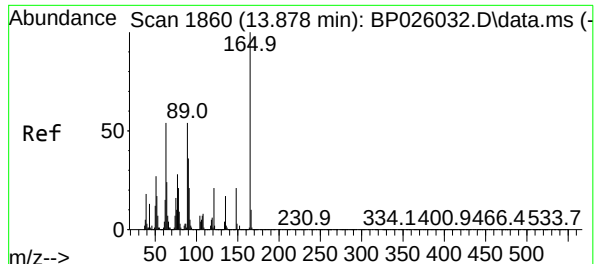
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#50
Dimethylphthalate
Concen: 10.820 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

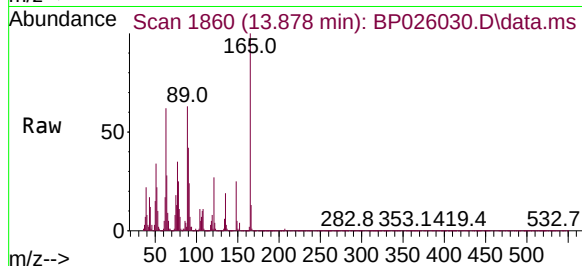
Tgt Ion:163 Resp: 578145
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 9.731 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

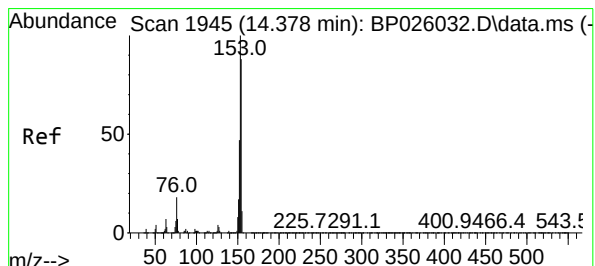
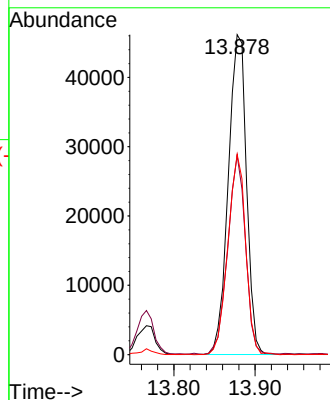
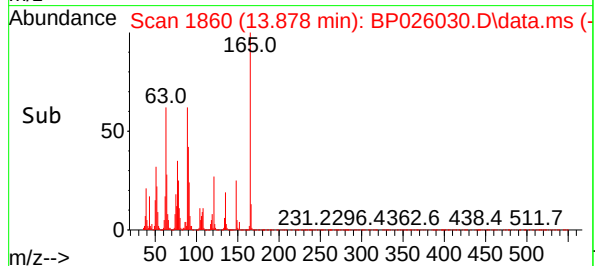
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 71941
Ion Ratio Lower Upper
165 100
63 62.2 43.0 64.4
89 62.6 43.0 64.4

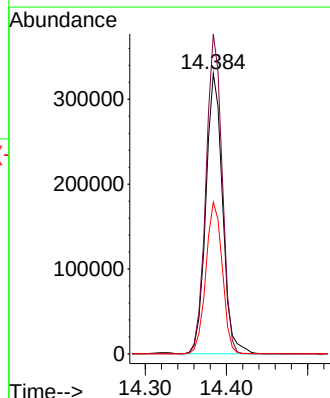
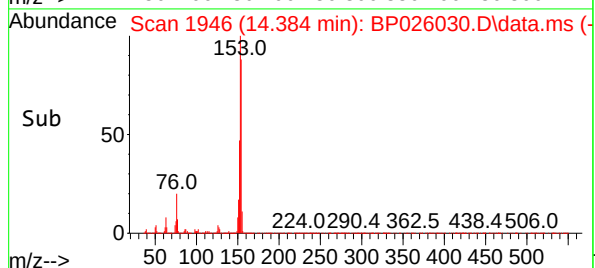
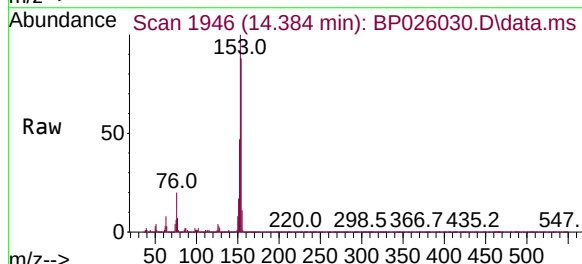
Manual Integrations
APPROVED

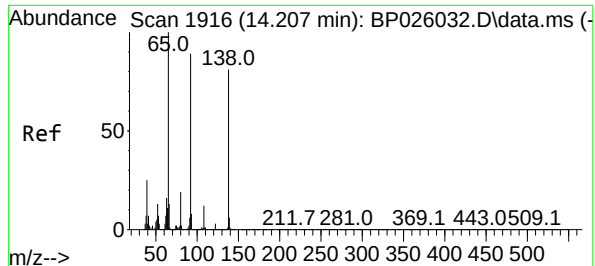
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 10.658 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:154 Resp: 471935
Ion Ratio Lower Upper
154 100
153 114.2 91.0 136.4
152 54.1 42.7 64.1





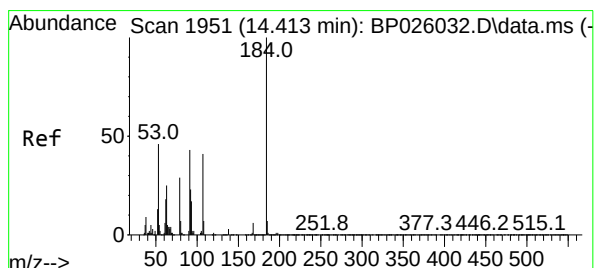
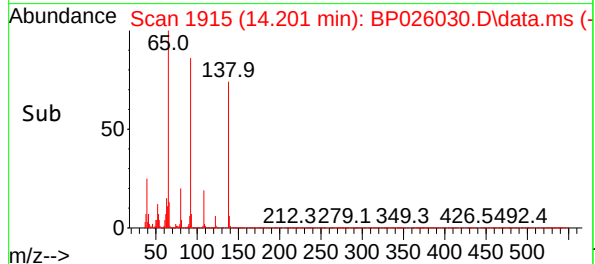
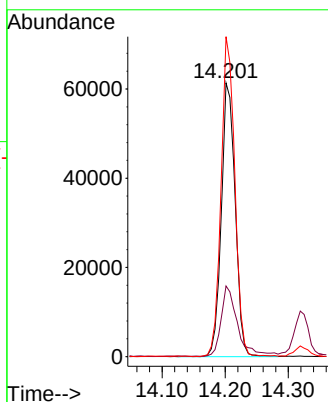
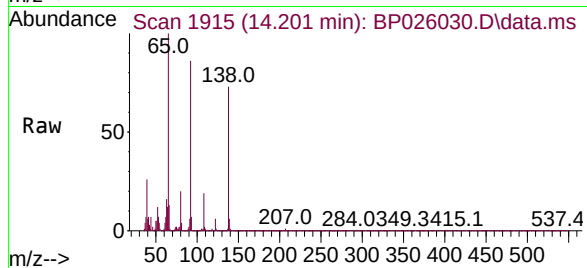
#53
3-Nitroaniline
Concen: 9.962 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 93292
Ion Ratio Lower Upper
138 100
108 25.8 11.4 17.0
92 116.9 87.1 130.7

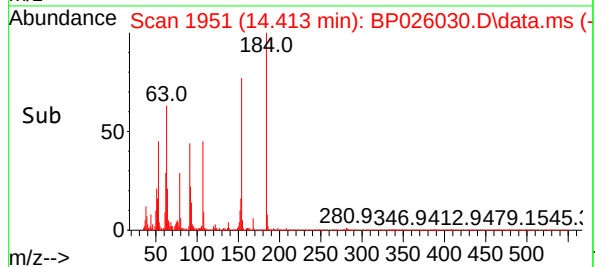
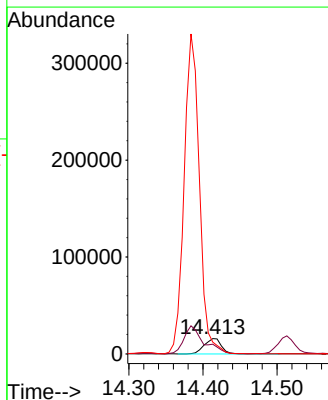
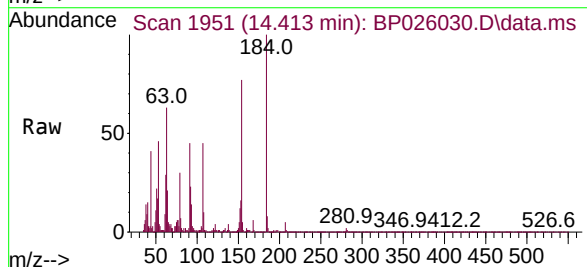
Manual Integrations
APPROVED

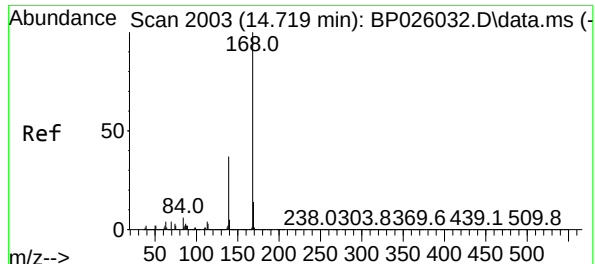
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 10.017 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

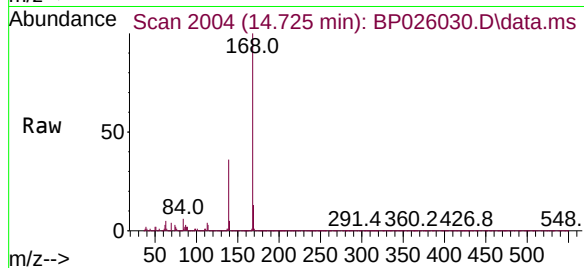
Tgt Ion:184 Resp: 25388
Ion Ratio Lower Upper
184 100
63 63.5 49.0 73.4
154 77.0 51.0 76.6





#55
Dibenzofuran
Concen: 10.966 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

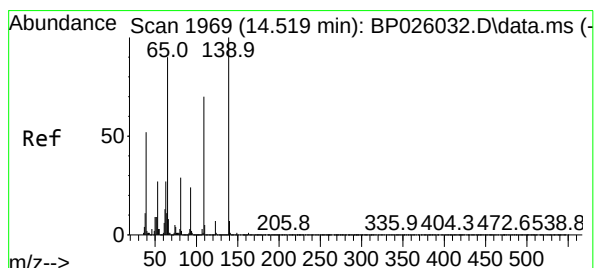
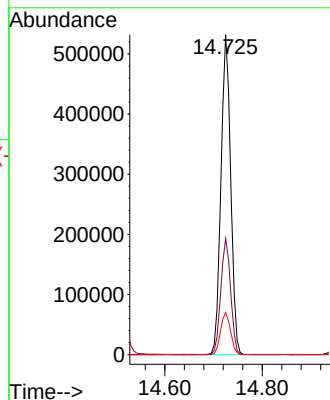
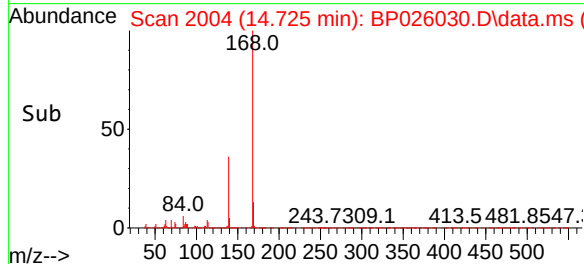
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



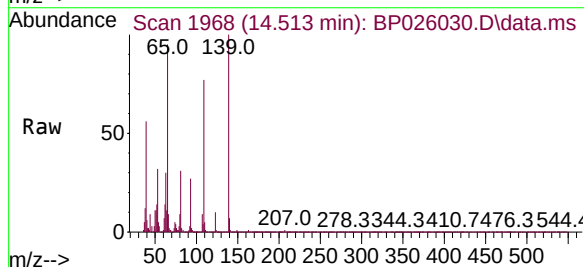
Tgt Ion:168 Resp: 733645
Ion Ratio Lower Upper
168 100
139 36.3 29.7 44.5
169 13.1 11.0 16.4

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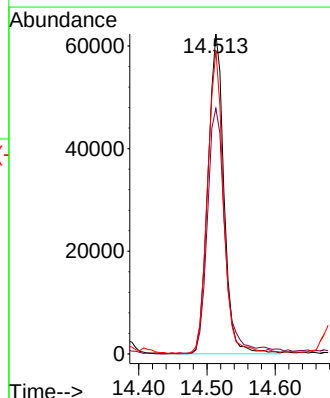
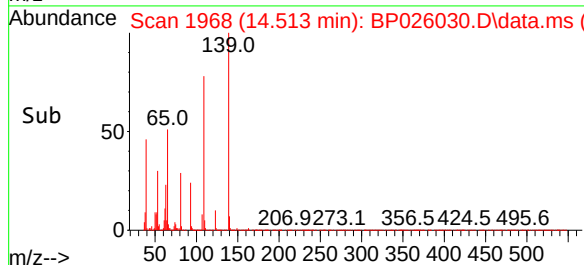
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

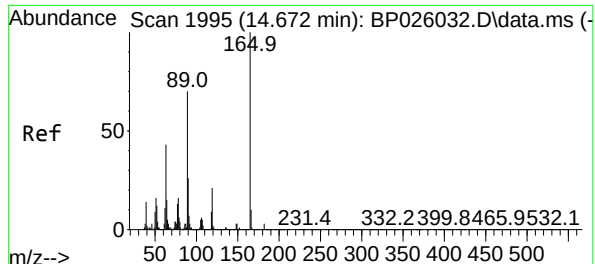


#56
4-Nitrophenol
Concen: 9.565 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



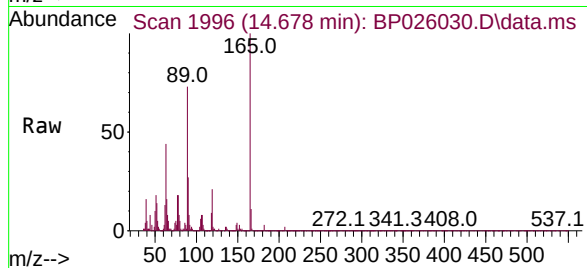
Tgt Ion:139 Resp: 101905
Ion Ratio Lower Upper
139 100
109 76.7 50.0 90.0
65 94.9 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 9.727 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

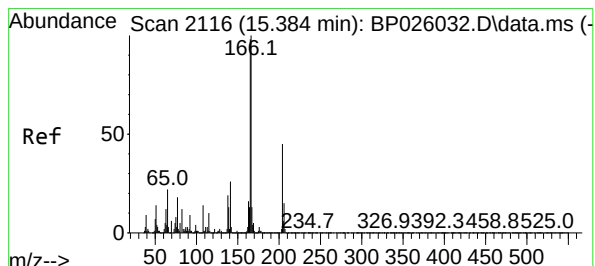
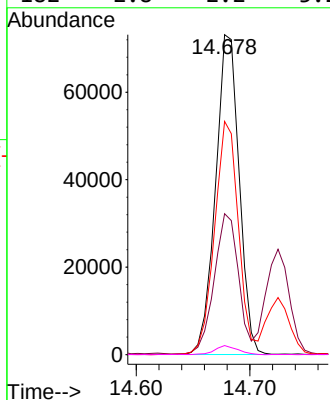
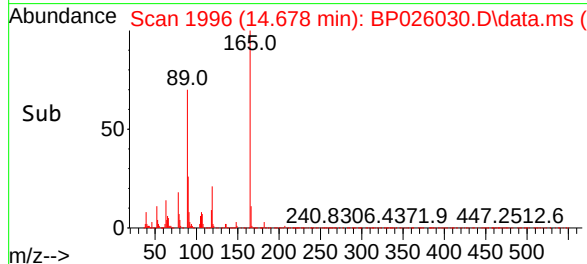
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 105824
Ion Ratio Lower Upper
165 100
63 44.0 34.2 51.2
89 72.9 56.0 84.0
182 2.8 2.2 3.2

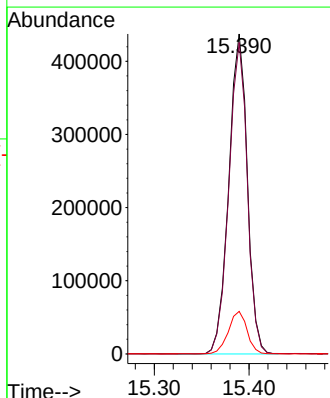
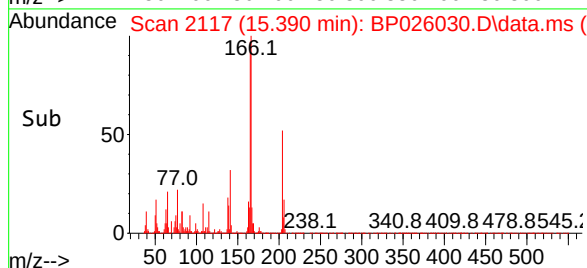
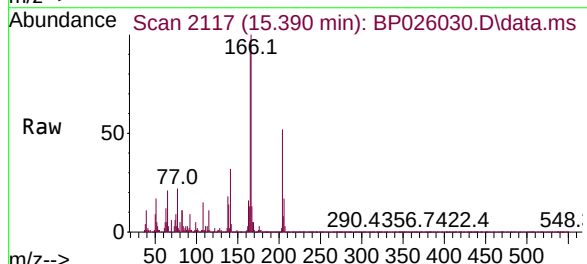
Manual Integrations
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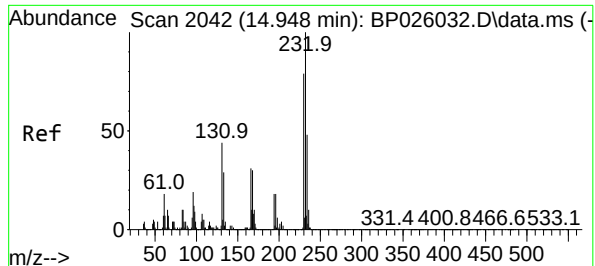
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 11.361 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

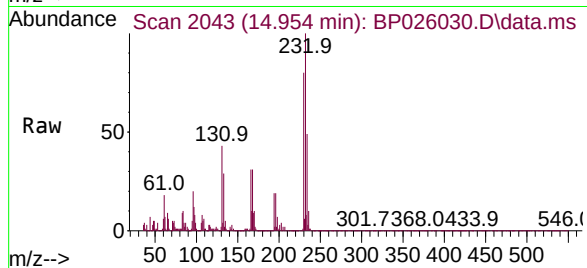
Tgt Ion:166 Resp: 595481
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.194 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

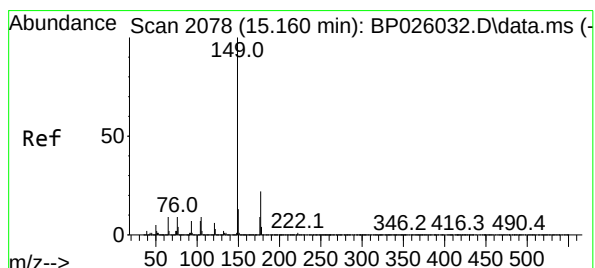
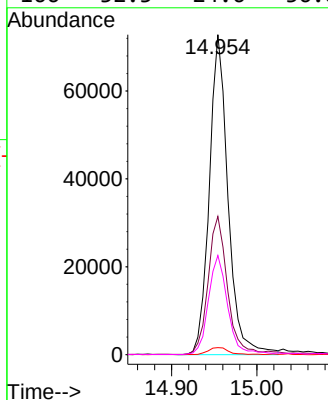
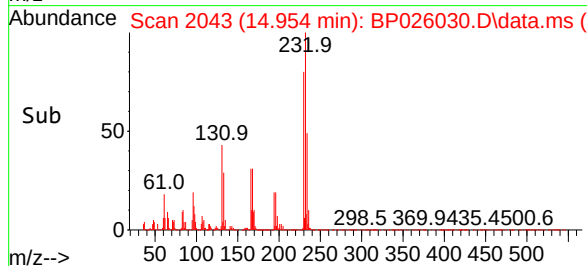
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 111275
Ion Ratio Lower Upper
232 100
131 44.1 35.2 52.8
130 2.4 1.7 2.5
166 32.3 24.6 36.8

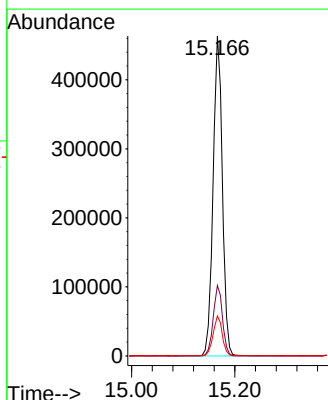
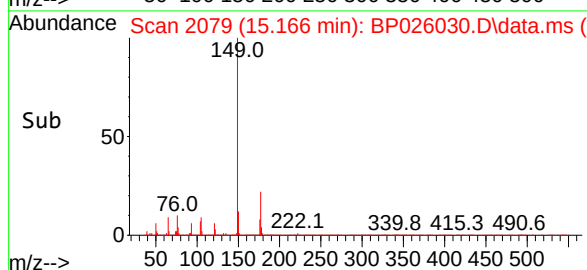
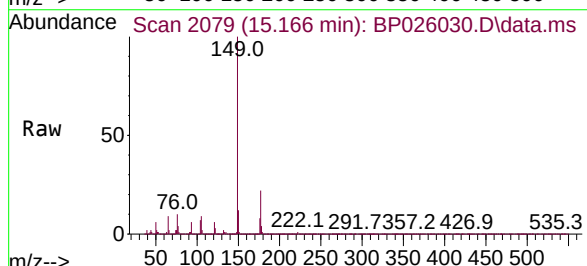
Manual Integrations
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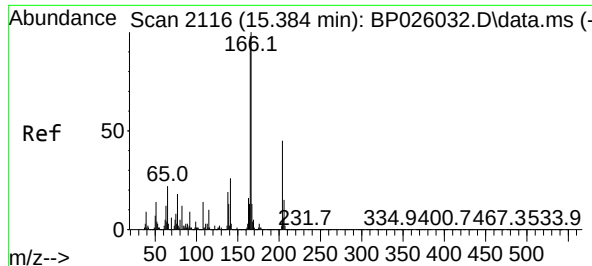
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#60
Diethylphthalate
Concen: 10.734 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

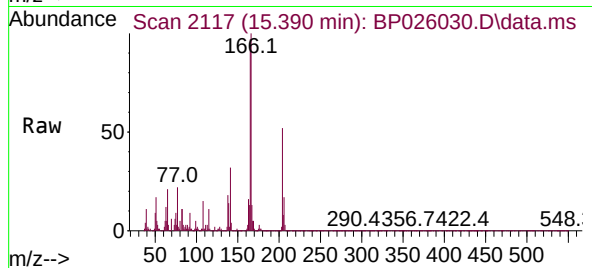
Tgt Ion:149 Resp: 576582
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 11.267 ng
RT: 15.390 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

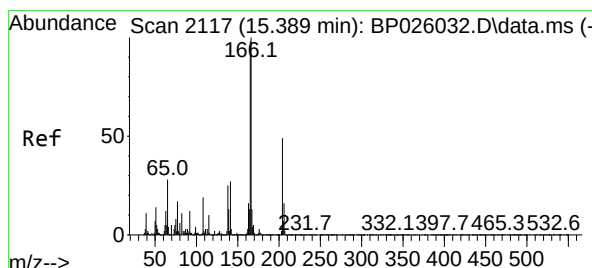
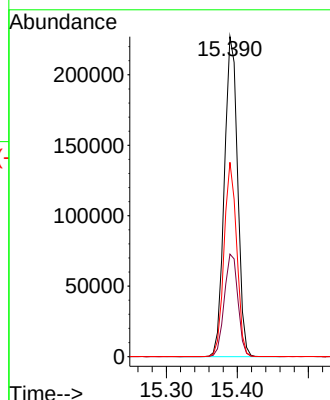
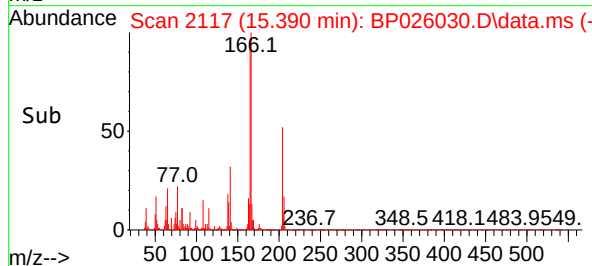
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 294916
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 60.7 47.0 70.4

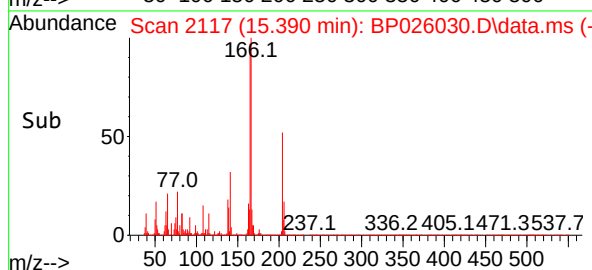
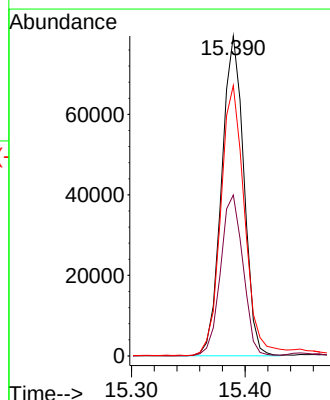
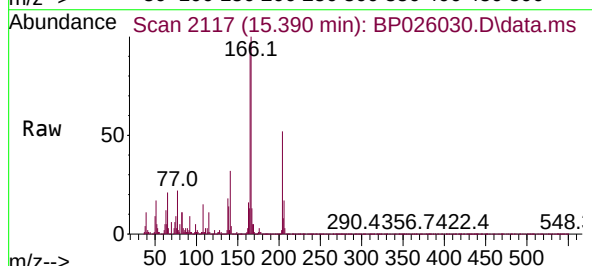
Manual Integrations
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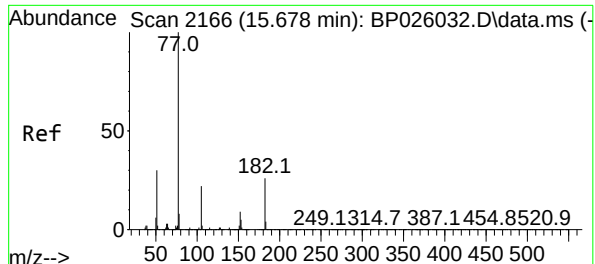
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 9.461 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

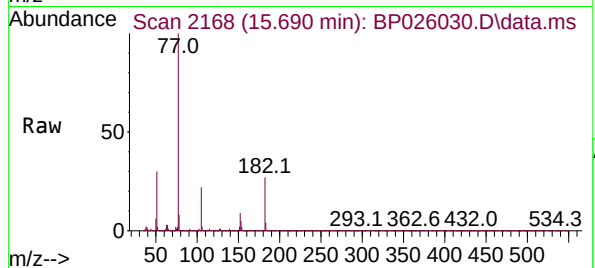
Tgt Ion:138 Resp: 108022
Ion Ratio Lower Upper
138 100
92 50.3 28.2 68.2
108 84.5 56.0 96.0





#63
Azobenzene
Concen: 11.130 ng
RT: 15.690 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

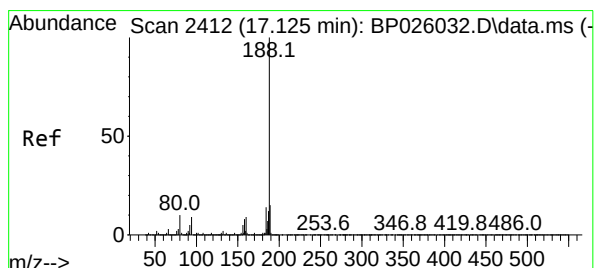
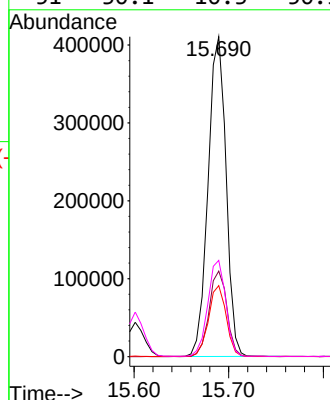
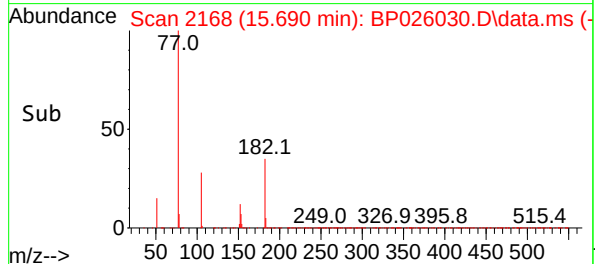
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 541815
Ion Ratio Lower Upper
77 100
182 26.7 6.4 46.4
105 22.2 2.2 42.2
51 30.1 10.3 50.3

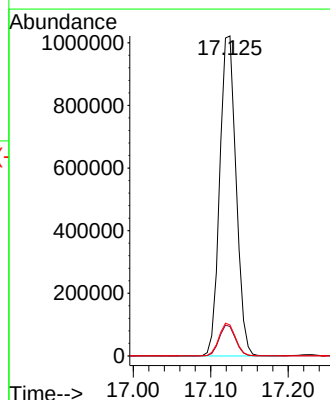
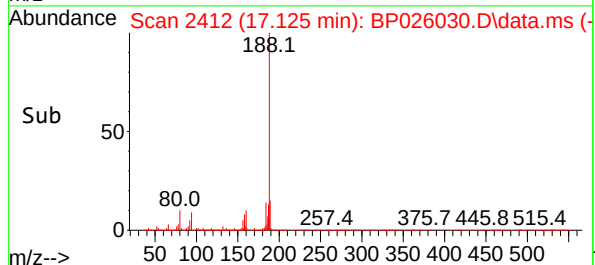
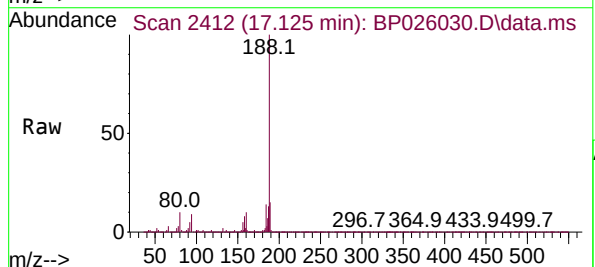
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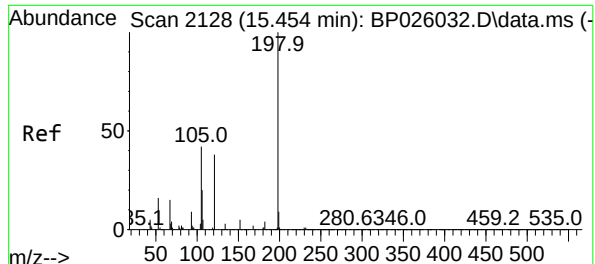
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:188 Resp: 1497196
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.7 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 10.014 ng

RT: 15.448 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 39648

Ion Ratio Lower Upper

198 100

51 42.2 25.2 65.2

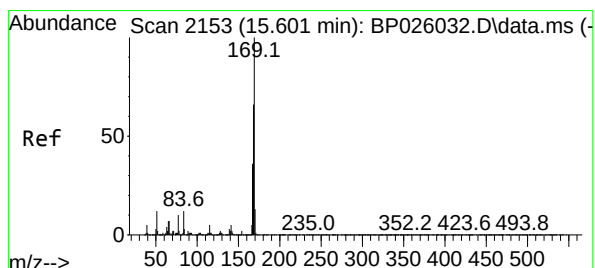
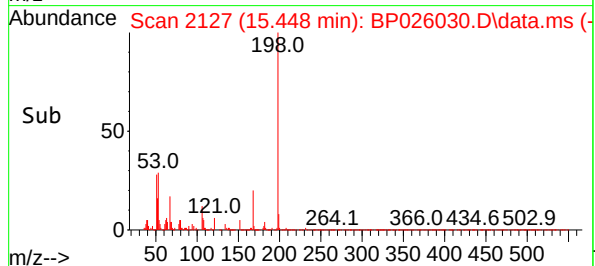
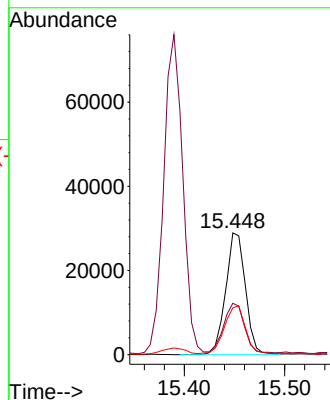
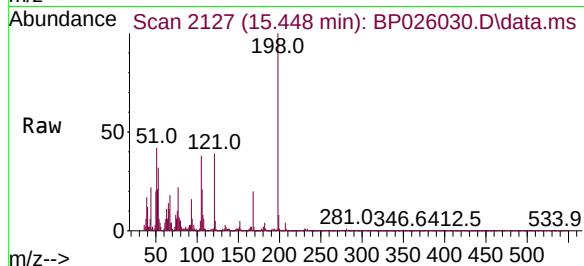
105 38.4 23.7 63.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#66

n-Nitrosodiphenylamine

Concen: 10.850 ng

RT: 15.601 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

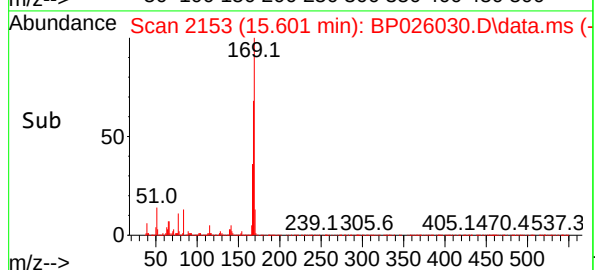
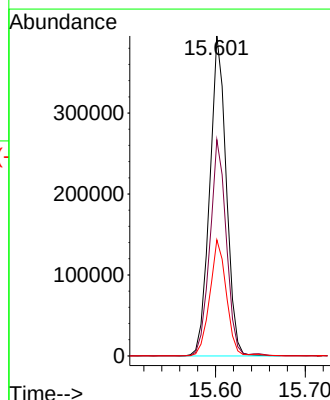
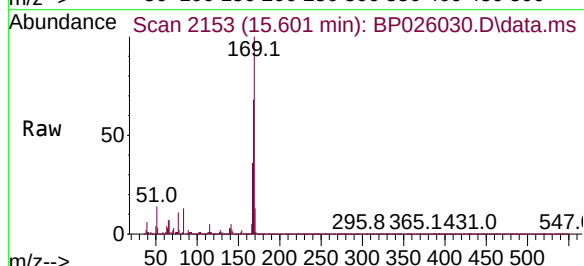
Tgt Ion:169 Resp: 507903

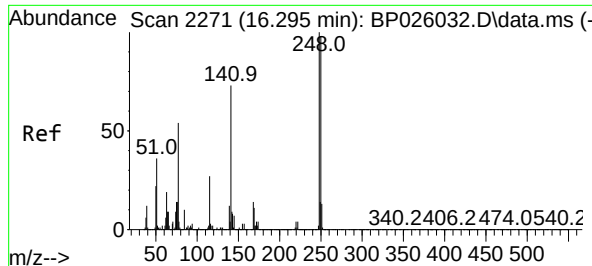
Ion Ratio Lower Upper

169 100

168 67.6 52.9 79.3

167 36.3 28.9 43.3





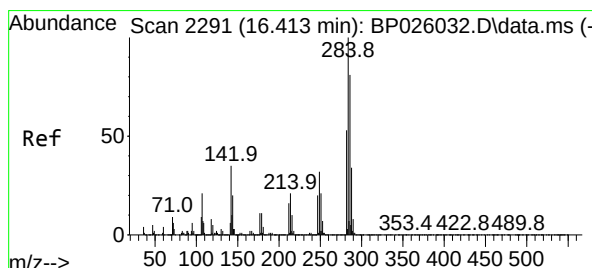
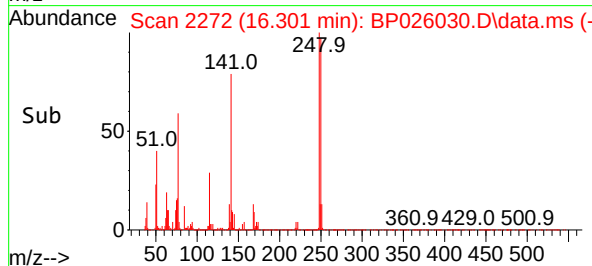
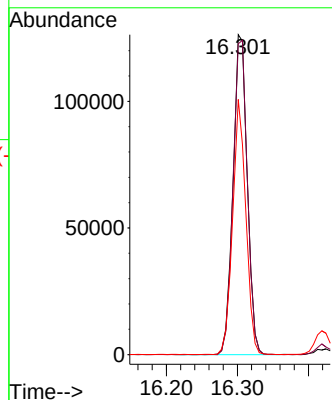
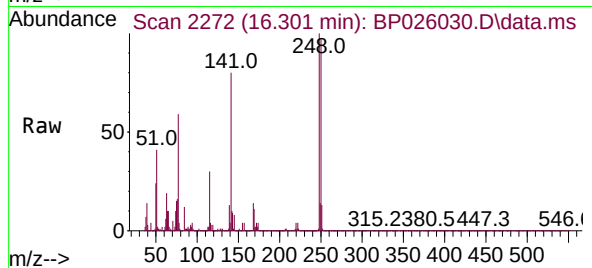
#67
4-Bromophenyl-phenylether
Concen: 10.547 ng
RT: 16.301 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 175158
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 79.7 58.3 87.5

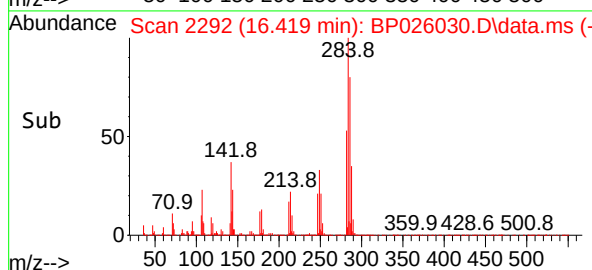
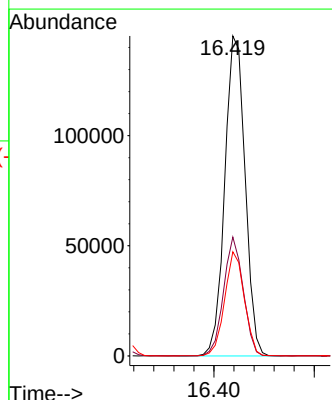
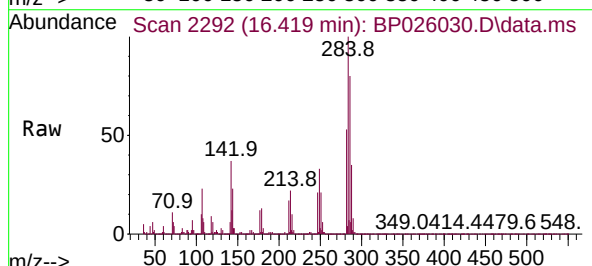
Manual Integrations
APPROVED

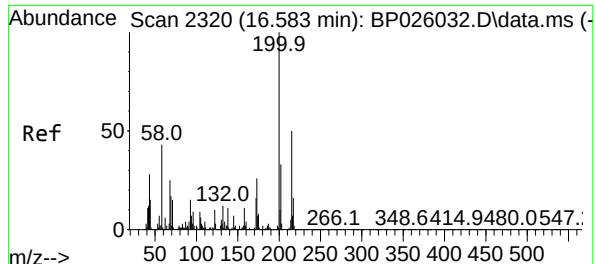
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 10.824 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

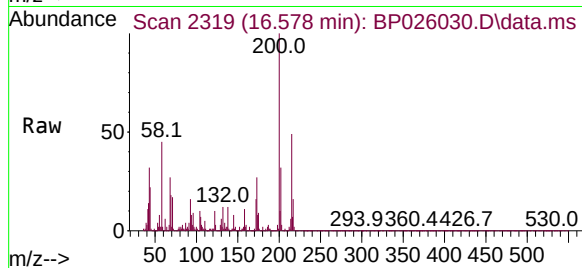
Tgt Ion:284 Resp: 204634
Ion Ratio Lower Upper
284 100
142 37.1 27.7 41.5
249 32.5 25.5 38.3





#69
Atrazine
Concen: 10.103 ng
RT: 16.578 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

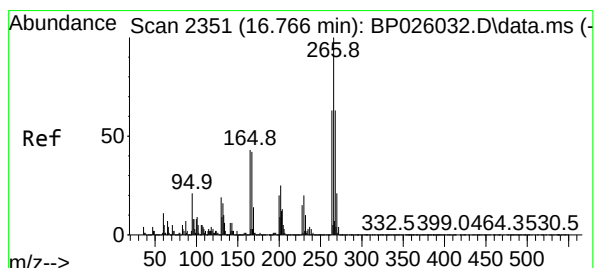
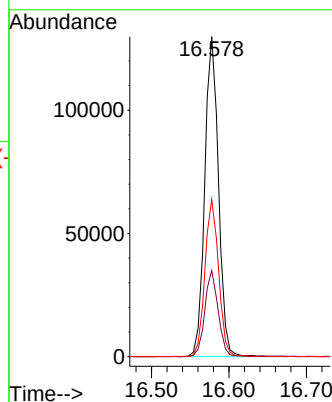
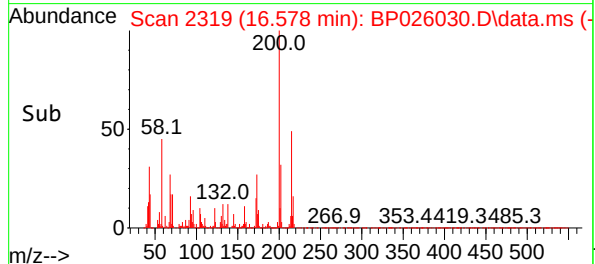
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 159536
Ion Ratio Lower Upper
200 100
173 26.9 6.2 46.2
215 49.1 29.8 69.8

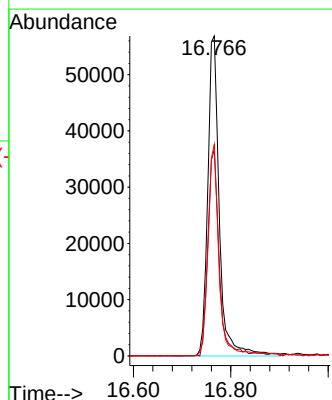
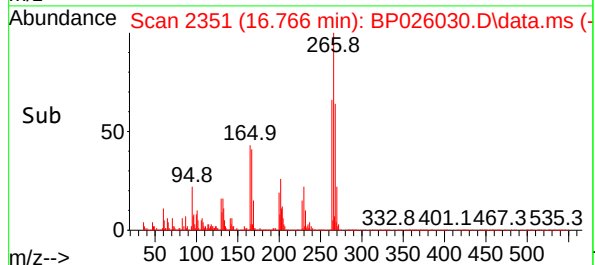
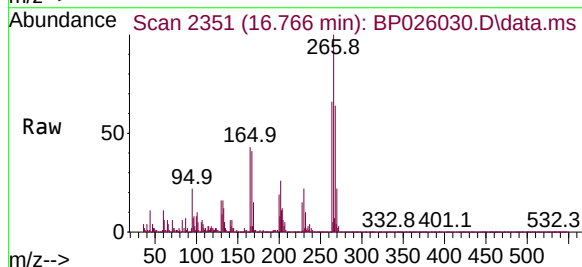
Manual Integrations
APPROVED

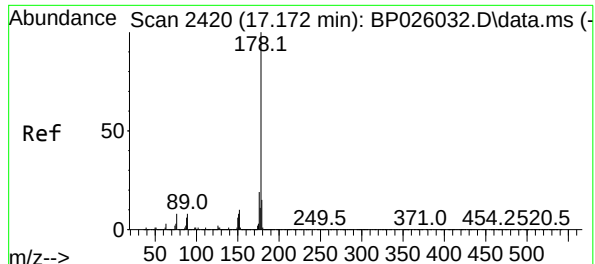
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#70
Pentachlorophenol
Concen: 8.152 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

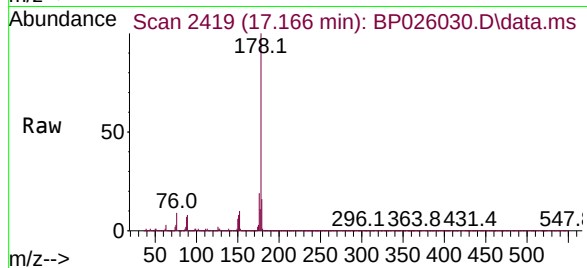
Tgt Ion:266 Resp: 94142
Ion Ratio Lower Upper
266 100
268 64.4 50.6 76.0
264 66.1 50.2 75.4





#71
Phenanthrene
Concen: 11.064 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

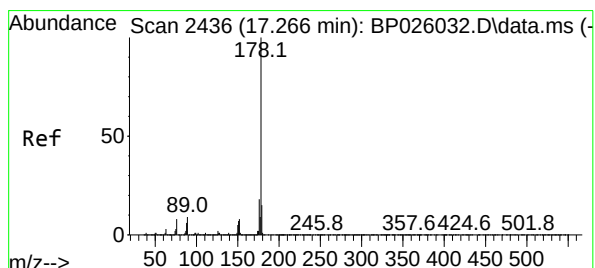
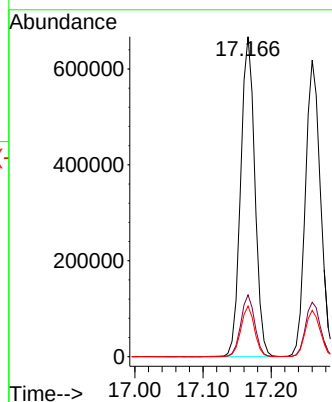
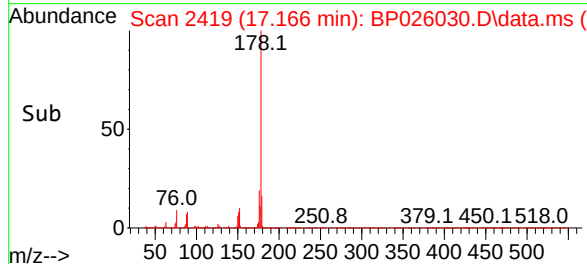
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 964196
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.8 12.3 18.5

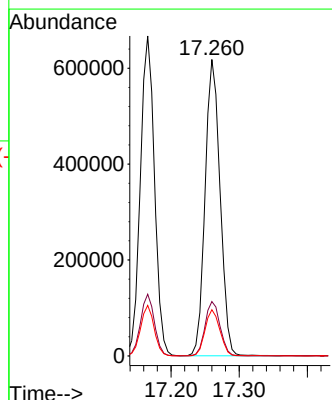
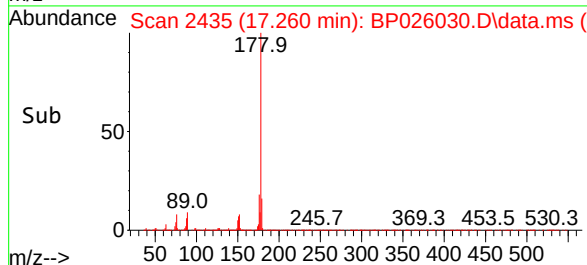
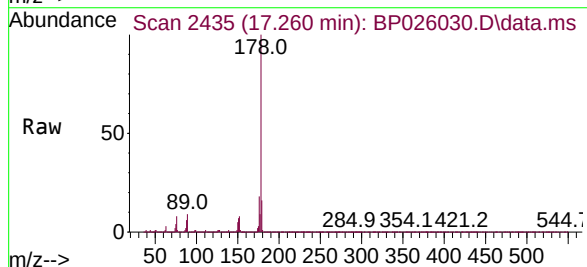
Manual Integrations
APPROVED

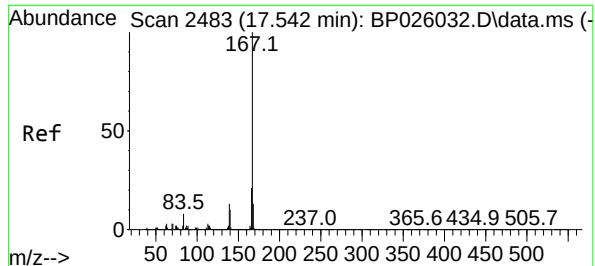
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 10.941 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

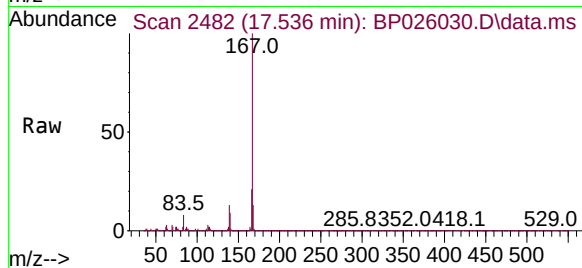
Tgt Ion:178 Resp: 945078
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 10.729 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

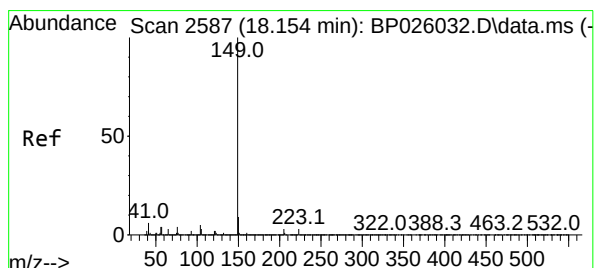
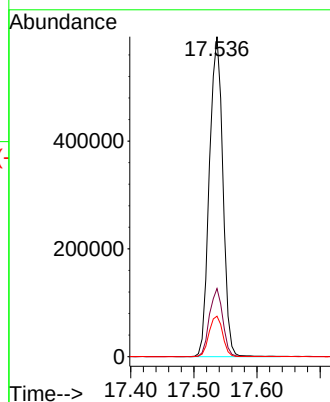
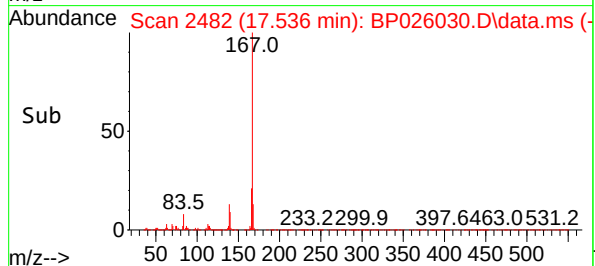
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 877310
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.6 10.2 15.2

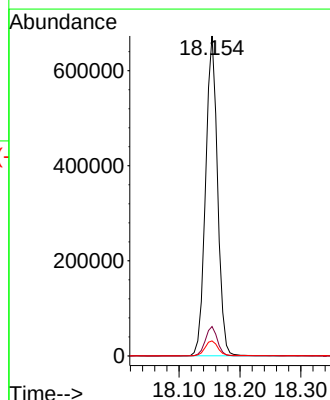
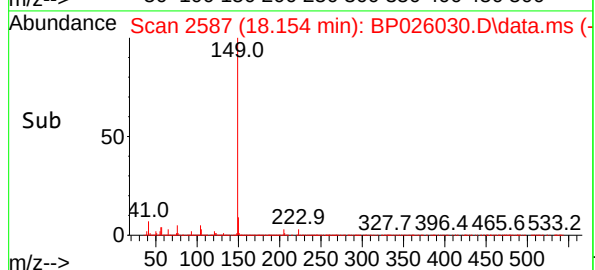
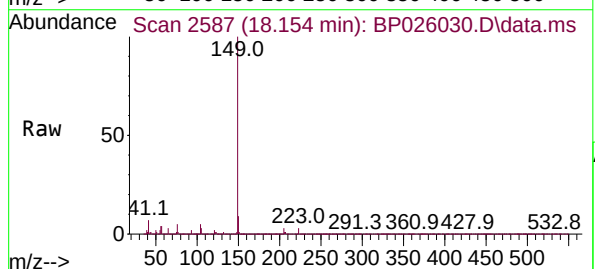
Manual Integrations
APPROVED

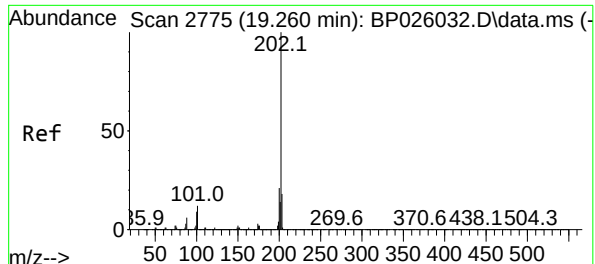
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 9.974 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

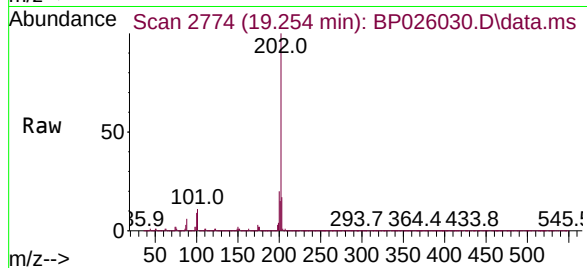
Tgt Ion:149 Resp: 912617
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 10.821 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

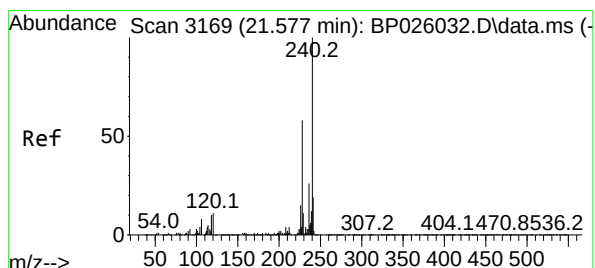
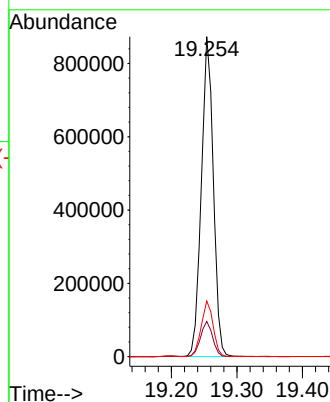
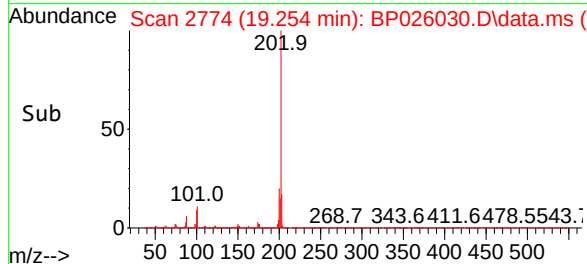
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 1100035
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.1
203 17.4 0.0 37.6

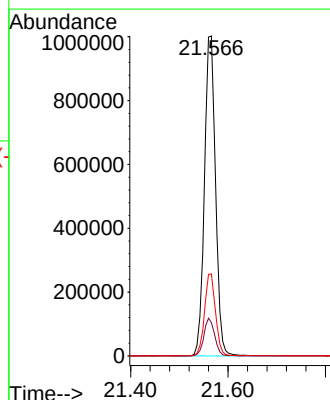
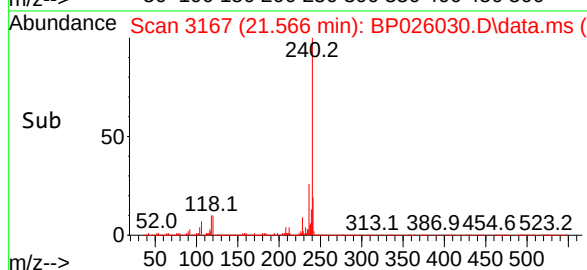
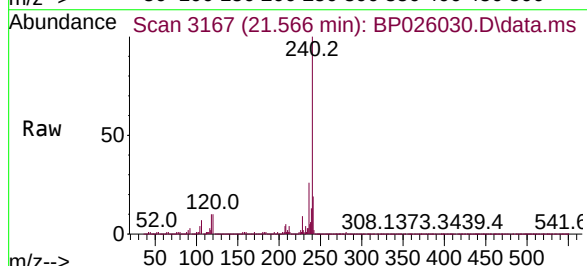
Manual Integrations
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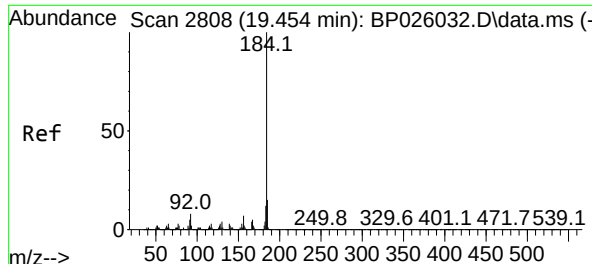
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:240 Resp: 1590140
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.6 20.6 31.0





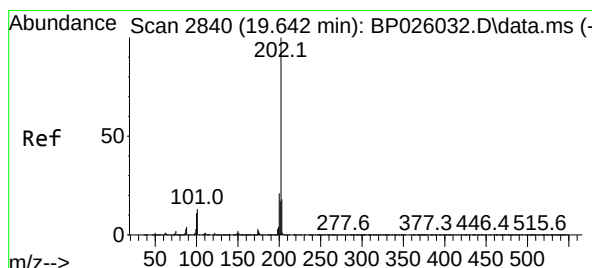
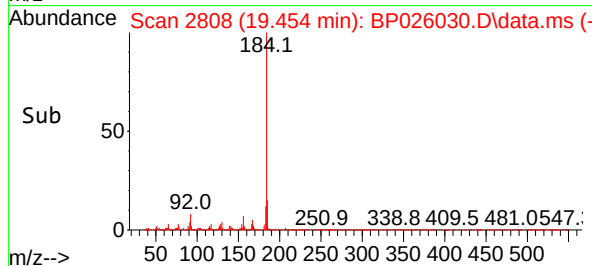
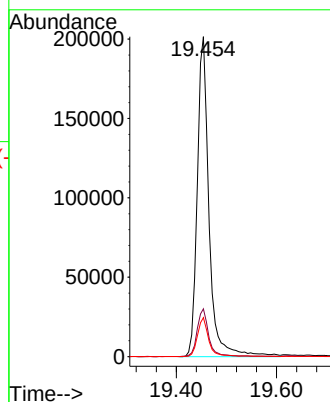
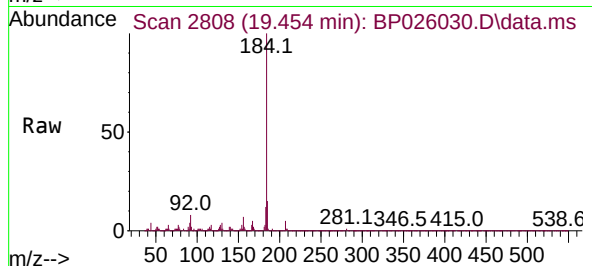
#77
Benzidine
Concen: 8.106 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 327160
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 12.2 9.2 13.8

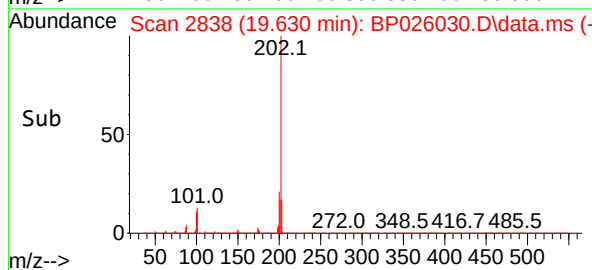
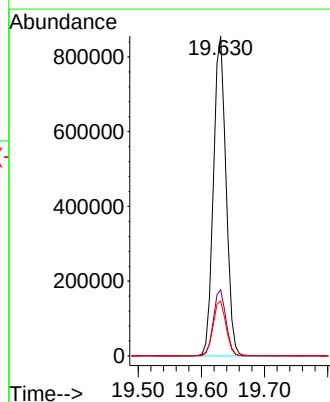
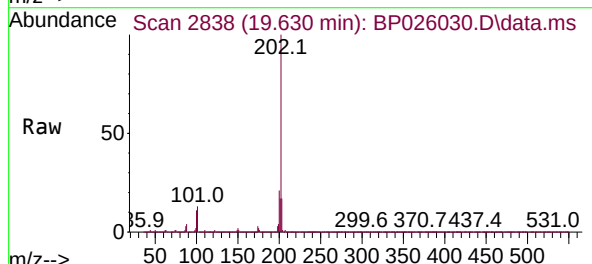
Manual Integrations
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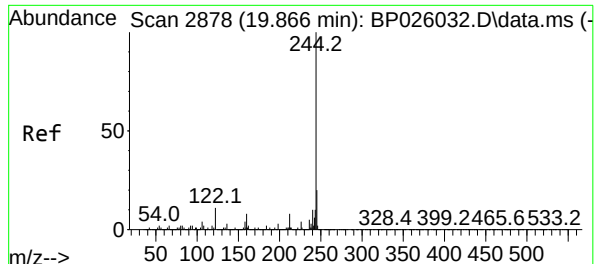
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 10.997 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

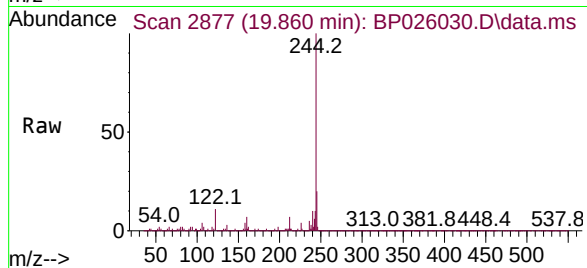
Tgt Ion:202 Resp: 1182711
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.2 14.0 21.0





#79
Terphenyl-d14
Concen: 22.846 ng
RT: 19.860 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

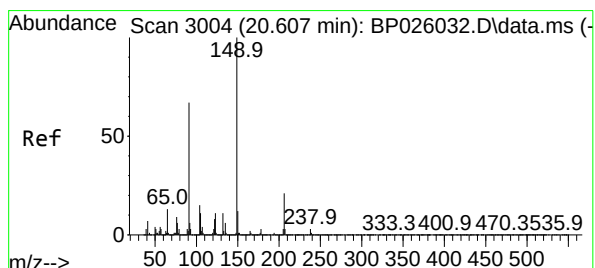
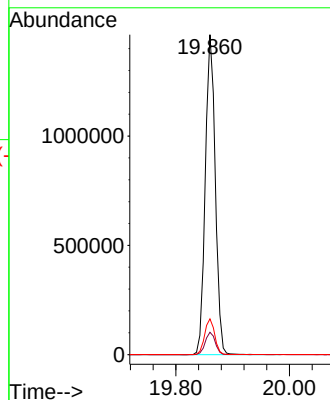
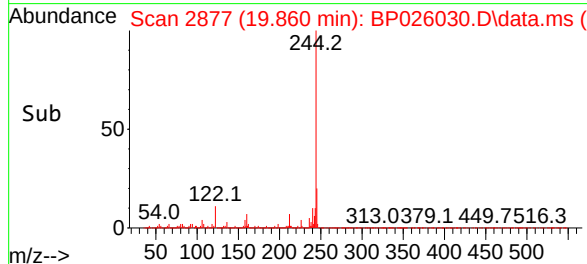
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 1788115
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.2 9.0 13.6

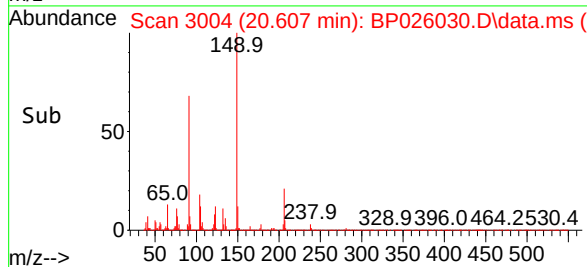
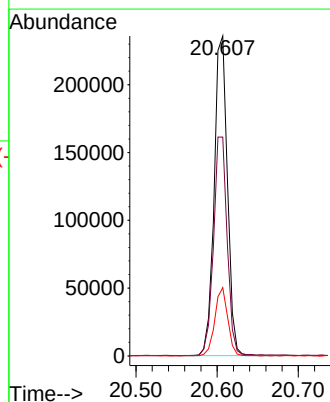
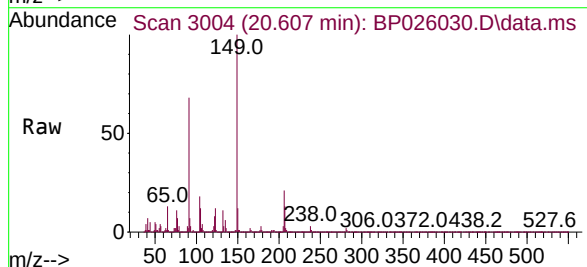
Manual Integrations
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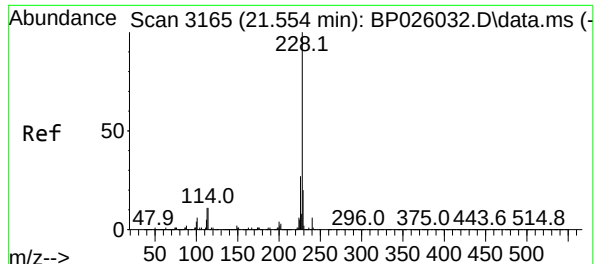
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 9.589 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

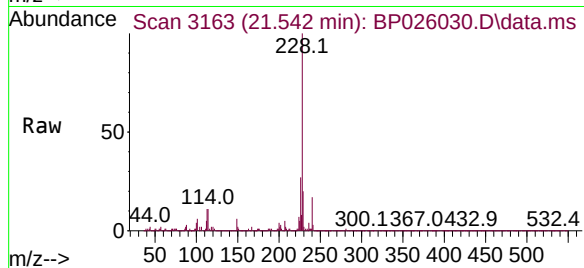
Tgt Ion:149 Resp: 267569
Ion Ratio Lower Upper
149 100
91 68.4 53.5 80.3
206 21.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 10.894 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

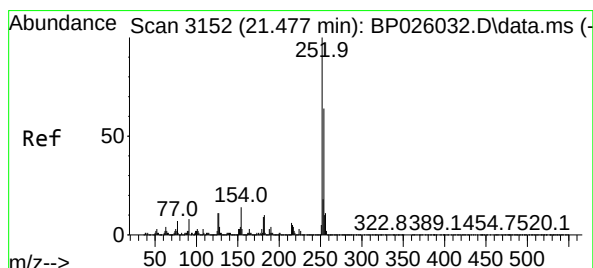
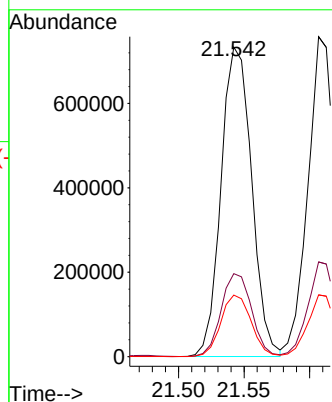
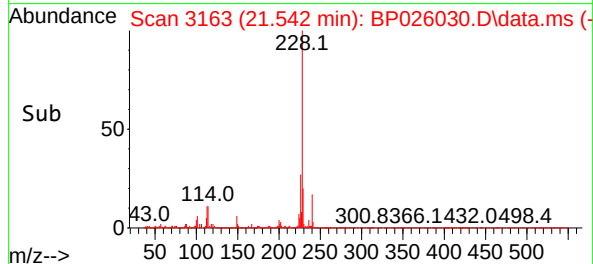
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion:228 Resp: 1190374
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.9 15.8 23.8

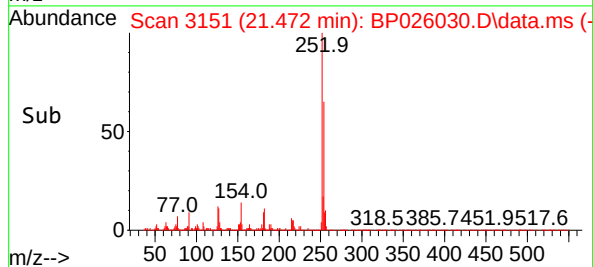
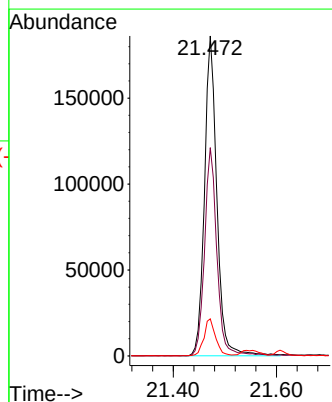
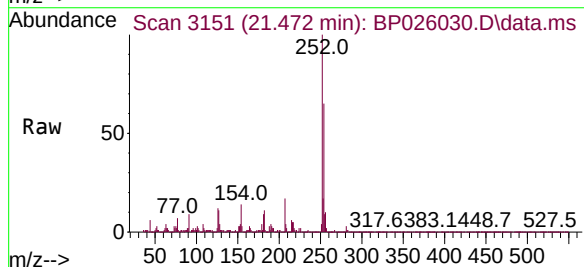
Manual Integrations
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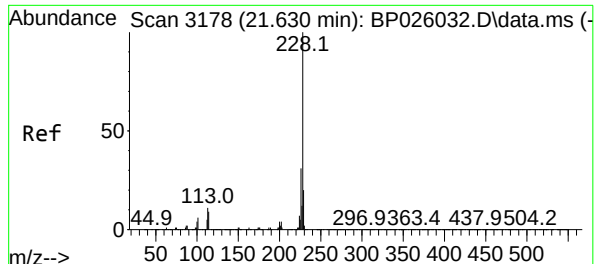
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.812 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:252 Resp: 310231
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 11.6 9.1 13.7





#83

Chrysene

Concen: 10.940 ng

RT: 21.607 min Scan# 3178

Delta R.T. -0.011 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 1132388

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

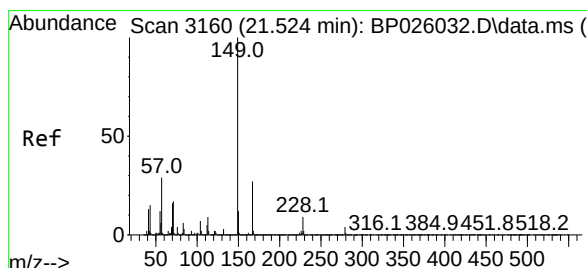
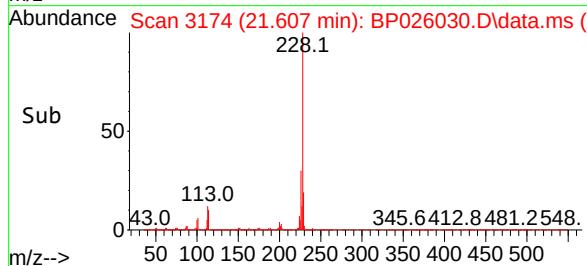
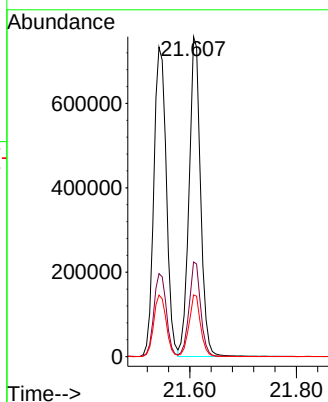
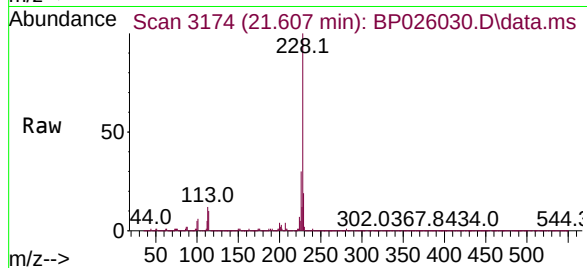
229 19.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.805 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

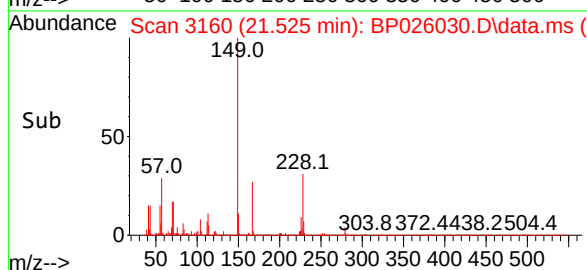
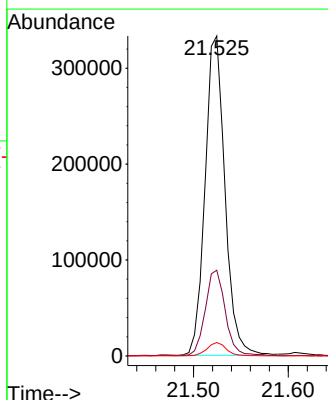
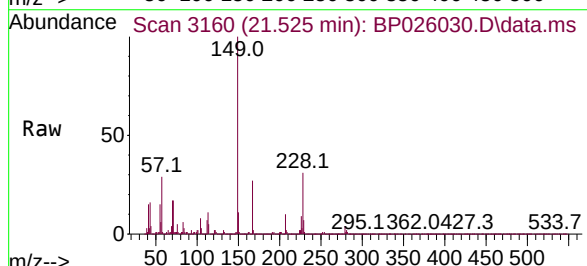
Tgt Ion:149 Resp: 487334

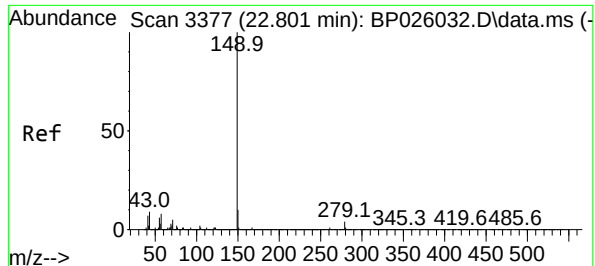
Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

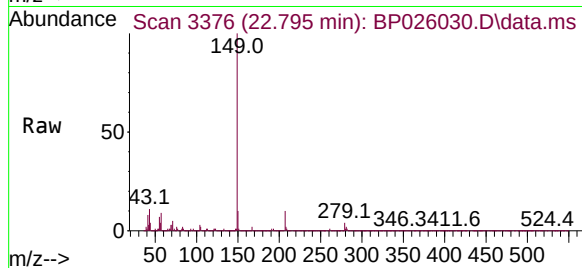
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 6.903 ng
RT: 22.795 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

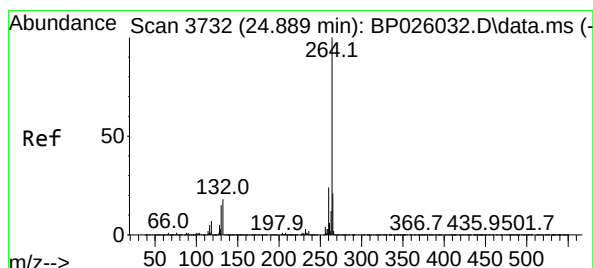
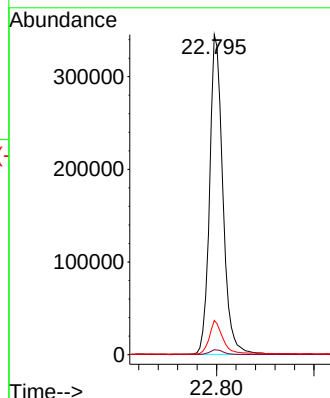
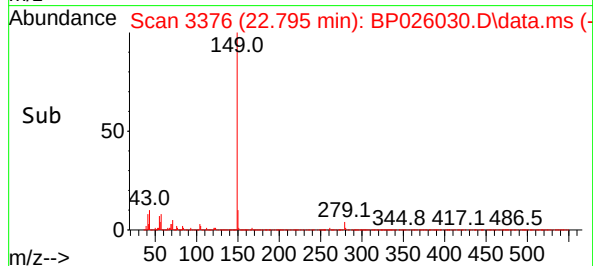
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 653399
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 7.6 11.4

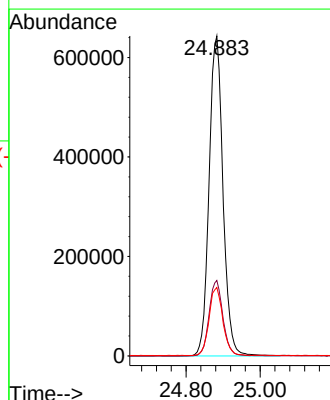
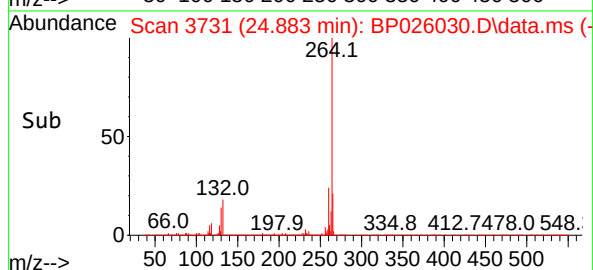
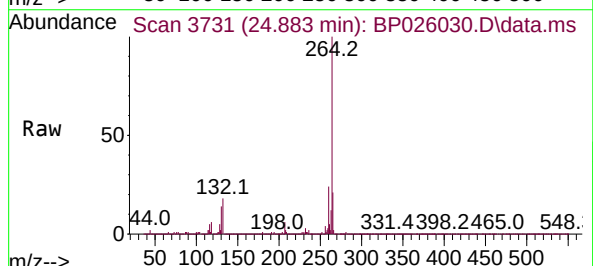
Manual Integrations
APPROVED

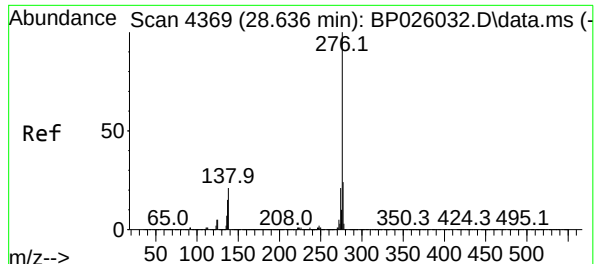
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:264 Resp: 1674719
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.070 ng m

RT: 28.618 min Scan# 4369

Delta R.T. -0.041 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 1244503

Ion Ratio Lower Upper

276 100

138 16.1 13.2 19.8

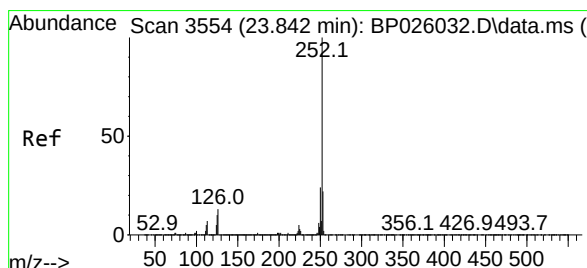
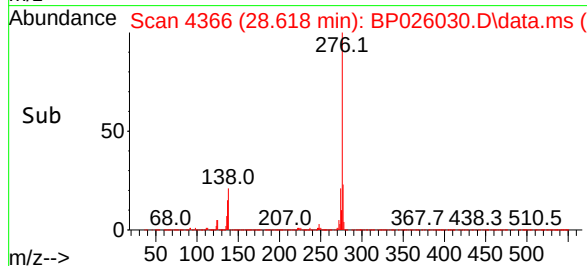
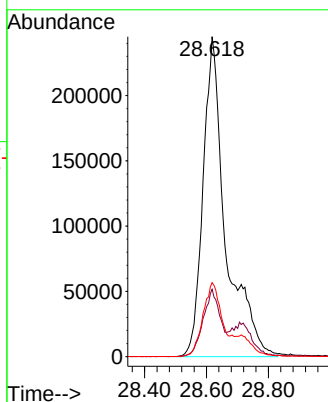
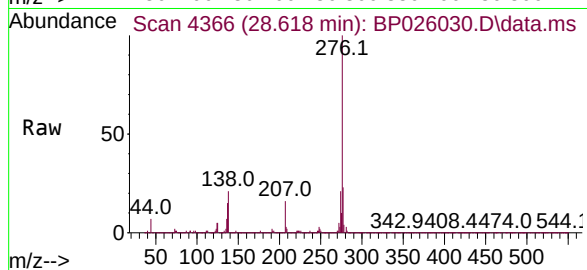
277 20.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#88

Benzo(b)fluoranthene

Concen: 10.284 ng

RT: 23.830 min Scan# 3552

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

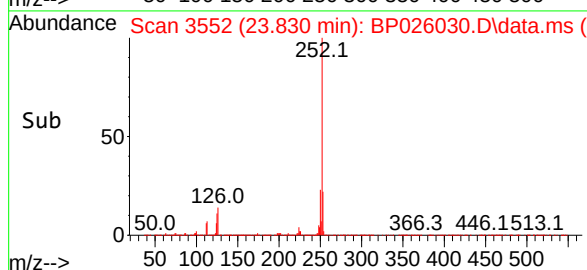
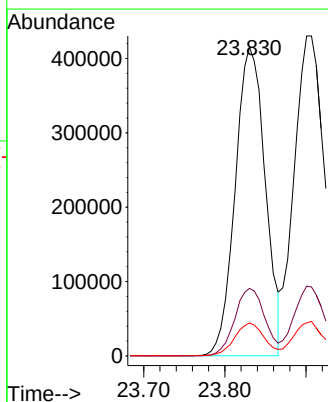
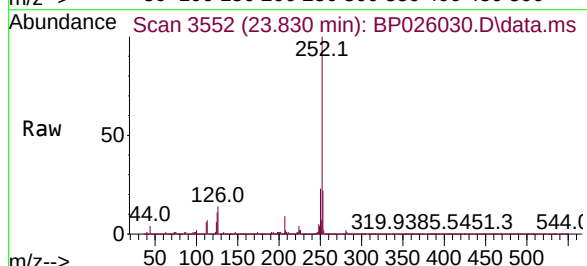
Tgt Ion:252 Resp: 1069169

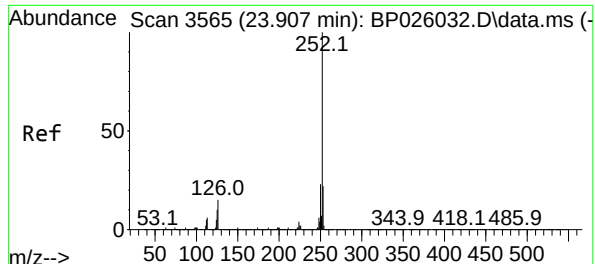
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 10.769 ng

RT: 23.901 min Scan# 3565

Delta R.T. -0.023 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 1143258

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

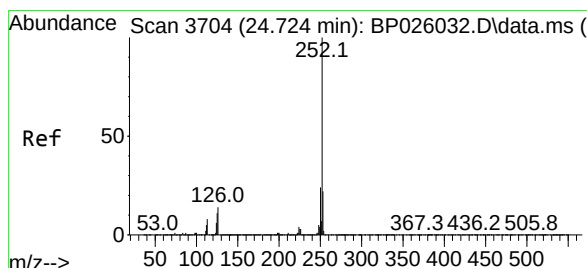
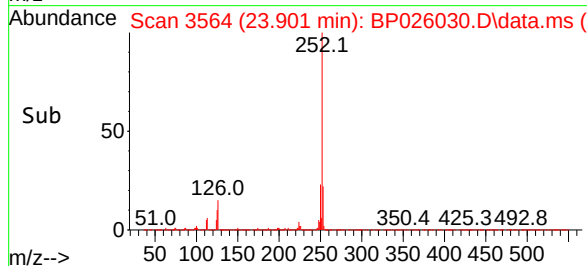
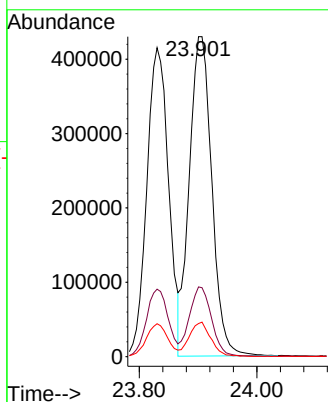
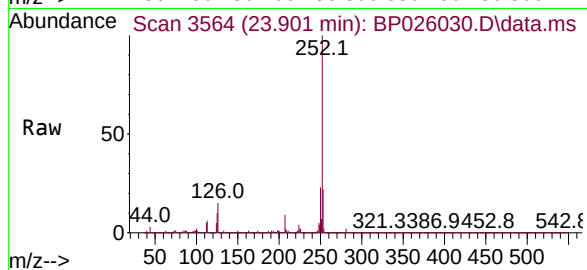
125 10.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 10.247 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

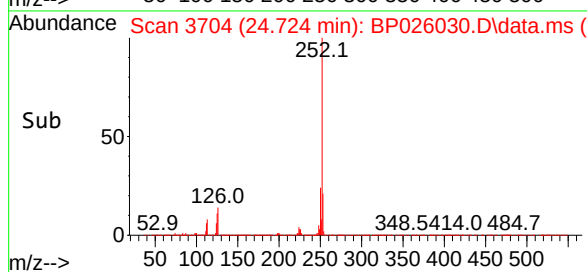
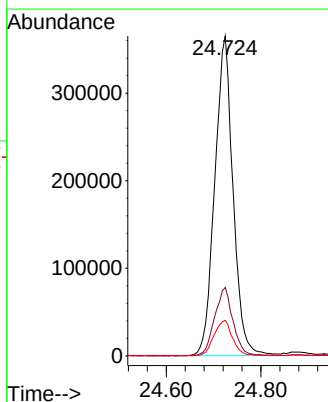
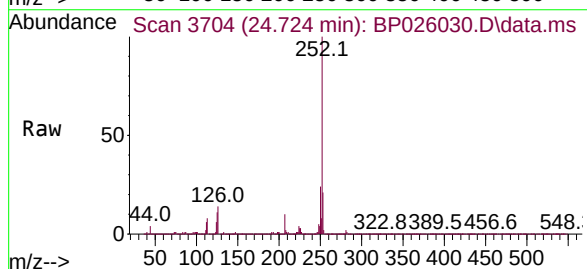
Tgt Ion:252 Resp: 978750

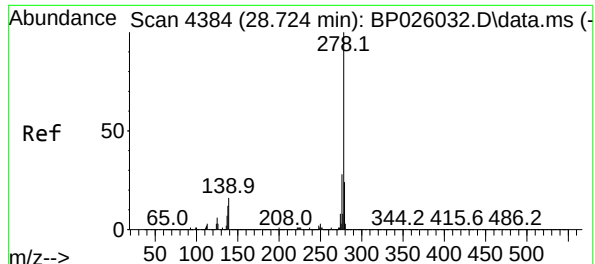
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

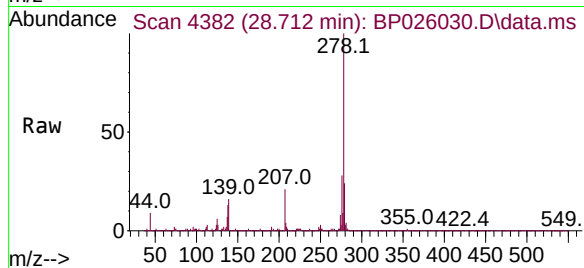
125 11.2 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 10.142 ng
RT: 28.712 min Scan# 4384
Delta R.T. -0.035 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

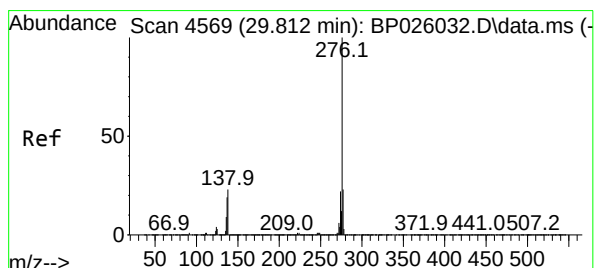
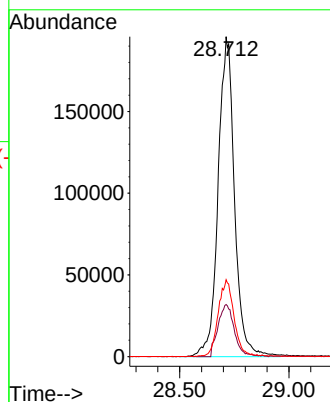
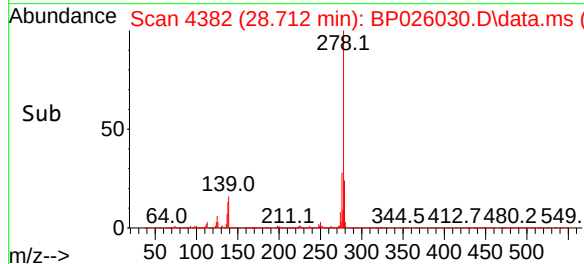
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 1020484
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.6
279 24.0 18.9 28.3

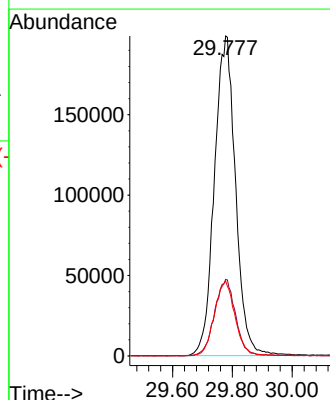
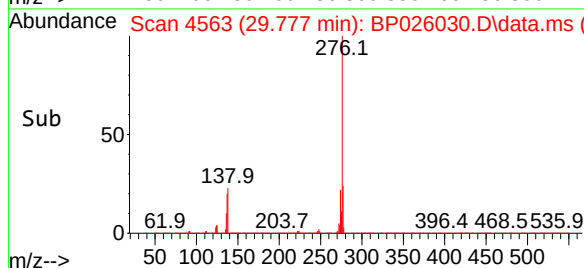
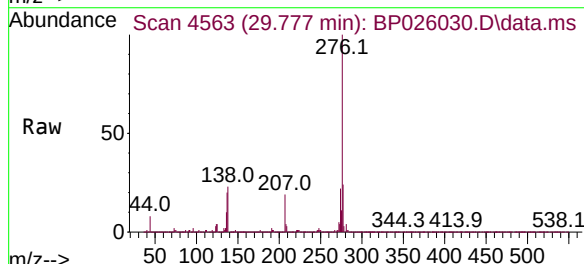
Manual Integrations
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Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 10.093 ng
RT: 29.777 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:276 Resp: 977235
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 23.4 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026031.D
 Acq On : 29 Oct 2025 11:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	347170	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1426046	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	884189	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1764983	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1935916	20.000	ng	0.01
86) Perylene-d12	24.889	264	2082873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	856596	40.714	ng	0.00
7) Phenol-d6	6.849	99	1092661	40.803	ng	0.00
23) Nitrobenzene-d5	8.819	82	931308	40.712	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	385788	40.359	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2570497	41.774	ng	-0.01
79) Terphenyl-d14	19.860	244	3920732	41.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	180212	20.318	ng	100
3) Pyridine	3.625	79	516467	20.483	ng	99
4) n-Nitrosodimethylamine	3.537	42	205014	20.287	ng	99
6) Aniline	7.013	93	735067	20.567	ng	100
8) 2-Chlorophenol	7.255	128	470651	20.201	ng	97
9) Benzaldehyde	6.831	77	325513m	23.383	ng	
10) Phenol	6.878	94	607568	20.436	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	476458	20.308	ng	99
12) 1,3-Dichlorobenzene	7.578	146	545717	20.396	ng	100
13) 1,4-Dichlorobenzene	7.719	146	550164	20.337	ng	100
14) 1,2-Dichlorobenzene	8.031	146	526607	20.400	ng	98
15) Benzyl Alcohol	7.913	79	381569	19.765	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	729715	20.579	ng	100
17) 2-Methylphenol	8.113	107	397383	20.413	ng	99
18) Hexachloroethane	8.760	117	185631	20.053	ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	352850	21.226	ng	99
20) 3+4-Methylphenols	8.437	107	540688	19.965	ng	99
22) Acetophenone	8.484	105	739513	20.505	ng	99
24) Nitrobenzene	8.860	77	492888	20.407	ng	98
25) Isophorone	9.378	82	1005233	20.531	ng	99
26) 2-Nitrophenol	9.566	139	152813	18.908	ng	99
27) 2,4-Dimethylphenol	9.625	122	401111	19.481	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	622000	20.157	ng	99
29) 2,4-Dichlorophenol	10.090	162	438904	20.189	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	480041	20.315	ng	98
31) Naphthalene	10.496	128	1598863	20.560	ng	100
32) Benzoic acid	9.713	122	181442	19.682	ng	97
33) 4-Chloroaniline	10.596	127	609114	20.383	ng	99
34) Hexachlorobutadiene	10.796	225	298535	19.881	ng	98
35) Caprolactam	11.343	113	146841	19.234	ng	97
36) 4-Chloro-3-methylphenol	11.719	107	464170	20.367	ng	99
37) 2-Methylnaphthalene	12.107	142	1100141	20.213	ng	99
38) 1-Methylnaphthalene	12.331	142	1075202	20.334	ng	98
40) 1,2,4,5-Tetrachloroben...	12.484	216	562803	20.486	ng	100
41) Hexachlorocyclopentadiene	12.472	237	175347	17.444	ng	100
43) 2,4,6-Trichlorophenol	12.725	196	328962	20.258	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026031.D
 Acq On : 29 Oct 2025 11:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	375399	20.260	ng	97
46) 1,1'-Biphenyl	13.137	154	1394592	20.599	ng	100
47) 2-Chloronaphthalene	13.172	162	1103115	20.709	ng	99
48) 2-Nitroaniline	13.366	65	237733	19.391	ng	98
49) Acenaphthylene	14.031	152	1619778	20.863	ng	100
50) Dimethylphthalate	13.766	163	1318220	20.496	ng	100
51) 2,6-Dinitrotoluene	13.872	165	206491	19.266	ng	96
52) Acenaphthene	14.372	154	1102148	20.678	ng	100
53) 3-Nitroaniline	14.201	138	261900	19.720	ng	99
54) 2,4-Dinitrophenol	14.407	184	72866	20.106	ng	93
55) Dibenzofuran	14.713	168	1667180	20.703	ng	99
56) 4-Nitrophenol	14.507	139	273512	21.327	ng	97
57) 2,4-Dinitrotoluene	14.666	165	300694	19.242	ng	99
58) Fluorene	15.378	166	1326773	21.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	293495	20.145	ng	99
60) Diethylphthalate	15.154	149	1311790	20.288	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	650778	20.656	ng	100
62) 4-Nitroaniline	15.378	138	290147	21.112	ng	98
63) Azobenzene	15.678	77	1206973	20.597	ng	98
65) 4,6-Dinitro-2-methylph...	15.448	198	113887	20.196	ng	99
66) n-Nitrosodiphenylamine	15.590	169	1131476	20.503	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	391458	19.995	ng	99
68) Hexachlorobenzene	16.407	284	452701	20.312	ng	98
69) Atrazine	16.572	200	389382	20.916	ng	96
70) Pentachlorophenol	16.754	266	252504	18.548	ng	99
71) Phenanthrene	17.166	178	2134410	20.777	ng	100
72) Anthracene	17.254	178	2109900	20.719	ng	100
73) Carbazole	17.536	167	2054988	21.318	ng	99
74) Di-n-butylphthalate	18.148	149	2189917	20.303	ng	100
75) Fluoranthene	19.254	202	2516802	21.002	ng	99
77) Benzidine	19.454	184	984237	20.030	ng	99
78) Pyrene	19.630	202	2700976	20.628	ng	100
80) Butylbenzylphthalate	20.607	149	787044	18.358	ng	98
81) Benzo(a)anthracene	21.554	228	2723711	20.474	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	821245	19.160	ng	100
83) Chrysene	21.624	228	2610441	20.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1336224	18.694	ng	100
85) Di-n-octyl phthalate	22.807	149	1984874	17.224	ng	99
87) Indeno(1,2,3-cd)pyrene	28.648	276	3205879m	20.856	ng	
88) Benzo(b)fluoranthene	23.836	252	2661543	20.584	ng	100
89) Benzo(k)fluoranthene	23.907	252	2720350	20.602	ng	99
90) Benzo(a)pyrene	24.724	252	2440075	20.541	ng	100
91) Dibenzo(a,h)anthracene	28.730	278	2601046	20.785	ng	99
92) Benzo(g,h,i)perylene	29.806	276	2538211	21.078	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

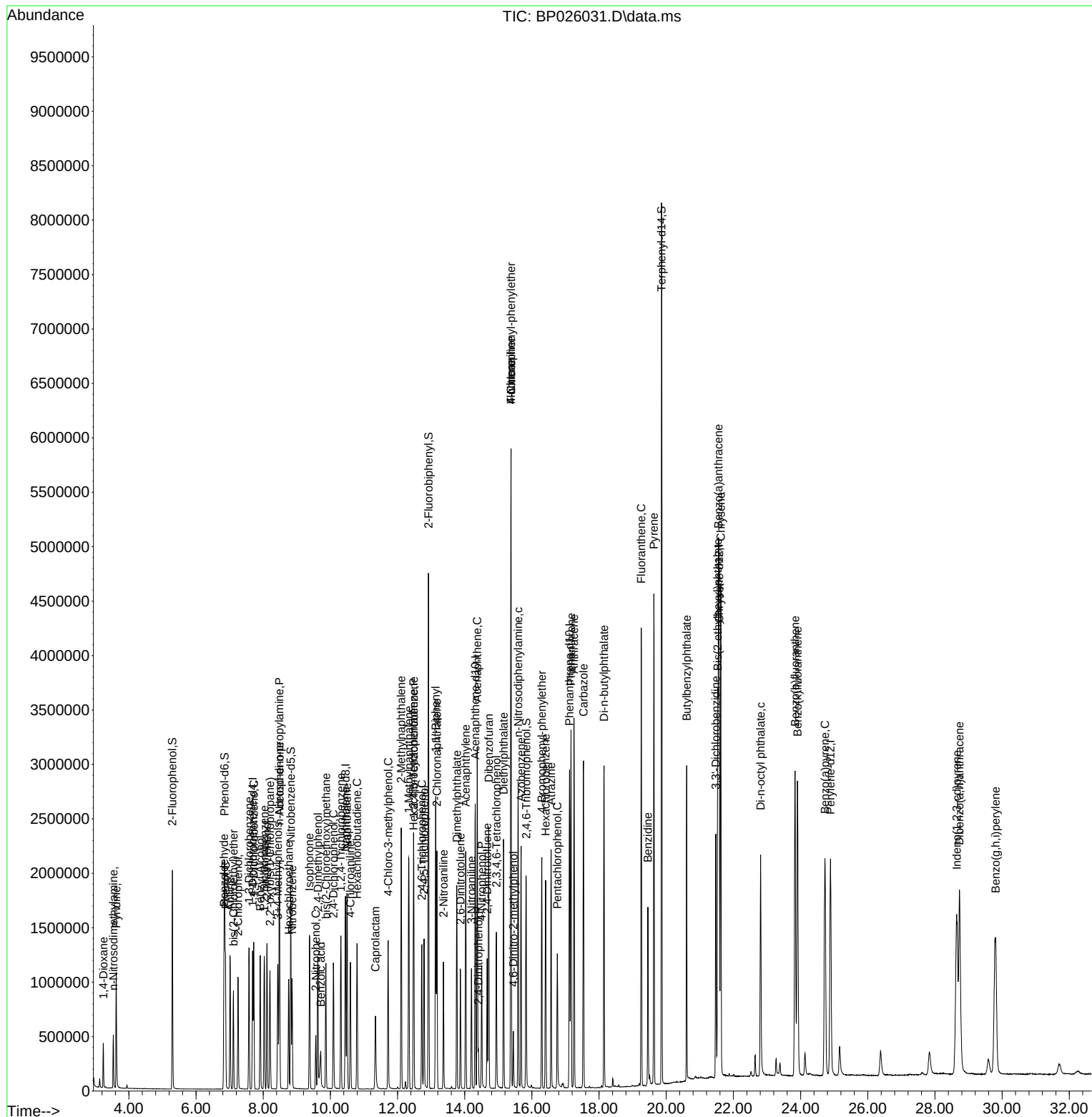
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026031.D
Acq On : 29 Oct 2025 11:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

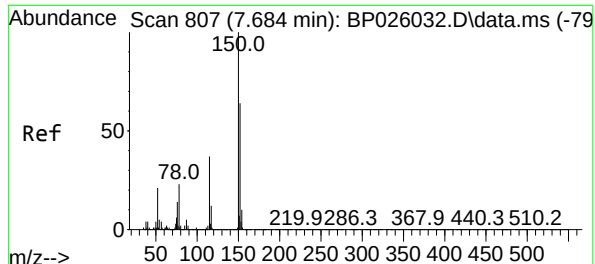
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

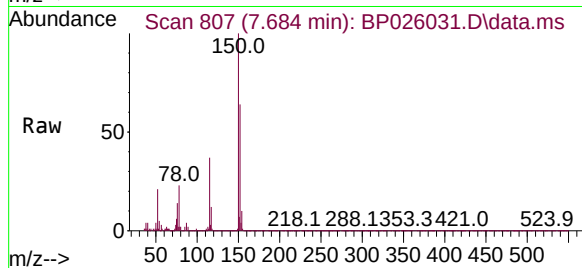
Quant Time: Oct 29 18:08:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

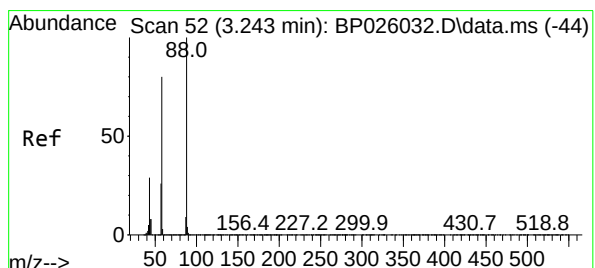
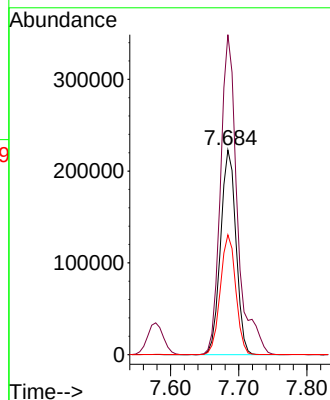
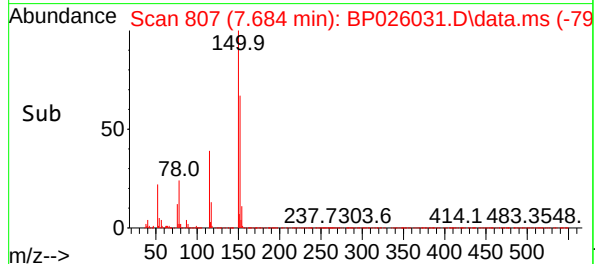
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 152 Resp: 347176
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 58.6 46.4 69.6

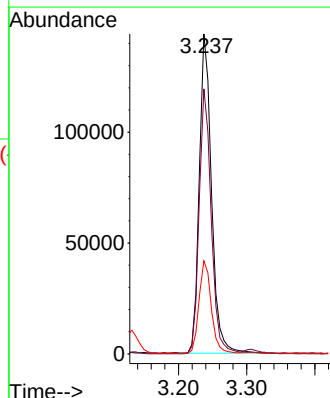
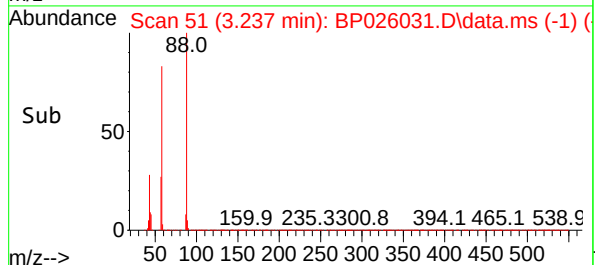
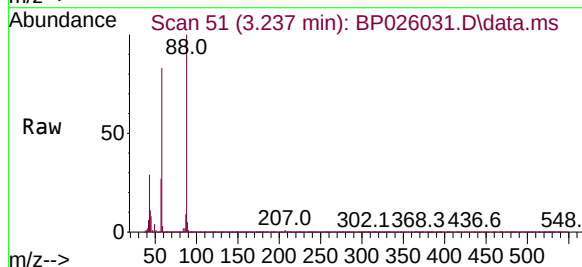
Manual Integrations
APPROVED

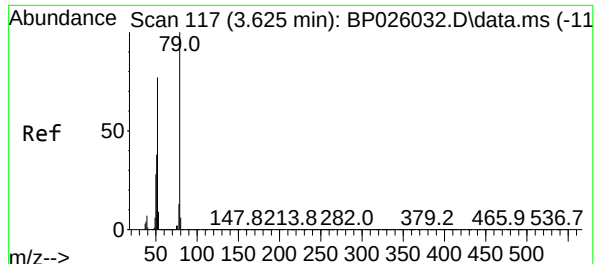
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 20.318 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

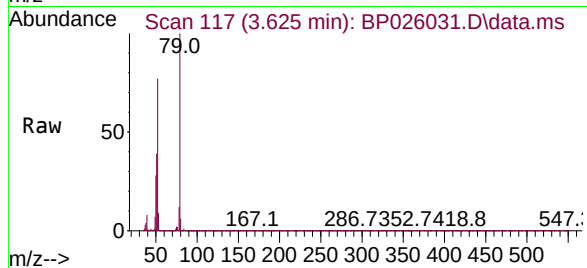
Tgt Ion: 88 Resp: 180212
Ion Ratio Lower Upper
88 100
58 81.6 65.4 98.0
43 29.2 23.1 34.7





#3
Pyridine
Concen: 20.483 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

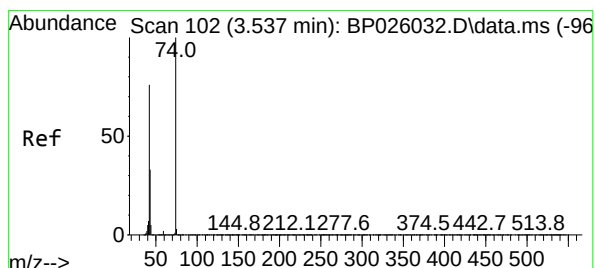
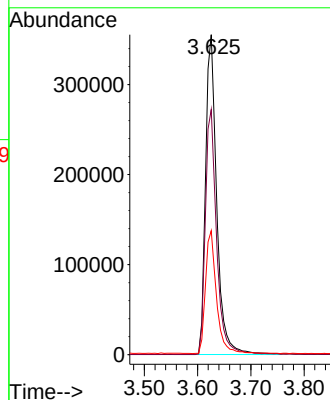
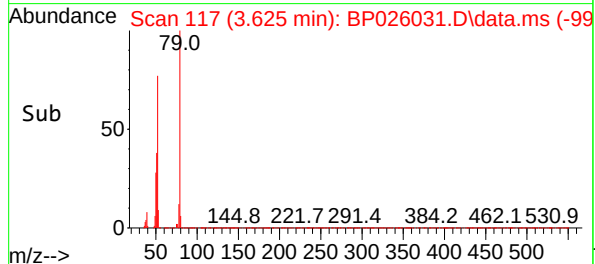
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 516462
Ion Ratio Lower Upper
79 100
52 76.6 62.0 93.0
51 38.7 30.6 46.0

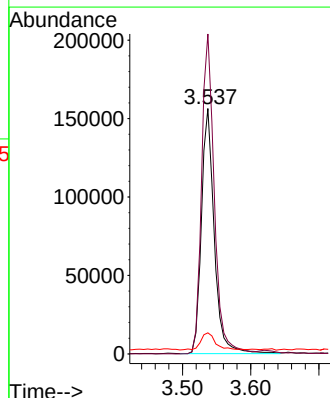
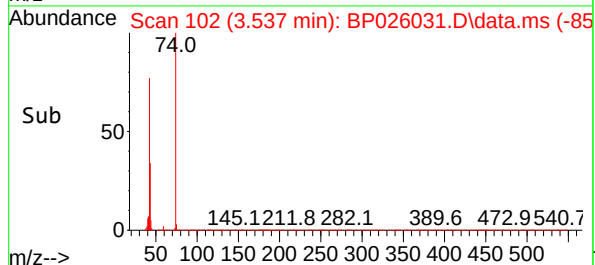
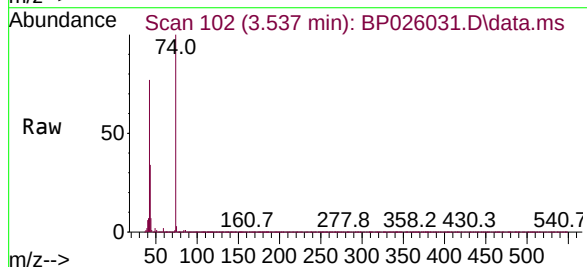
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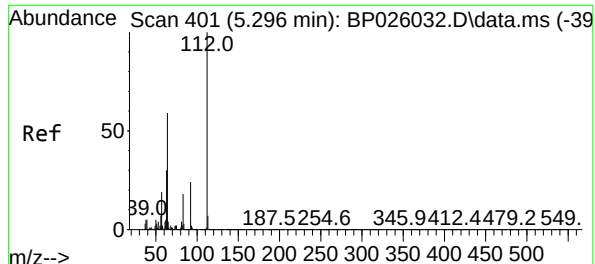
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 20.287 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 42 Resp: 205014
Ion Ratio Lower Upper
42 100
74 130.4 105.7 158.5
44 8.6 6.6 9.8





#5

2-Fluorophenol

Concen: 40.714 ng

RT: 5.296 min Scan# 401

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:112 Resp: 856596

Ion Ratio Lower Upper

112 100

64 58.3 47.4 71.2

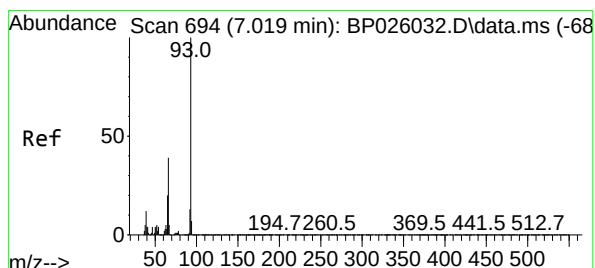
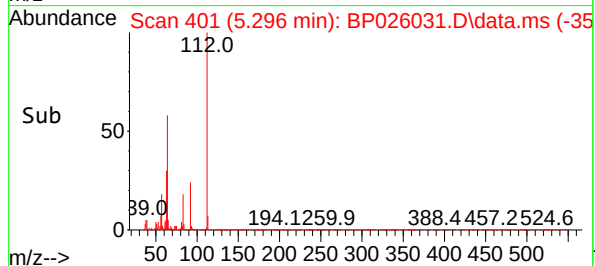
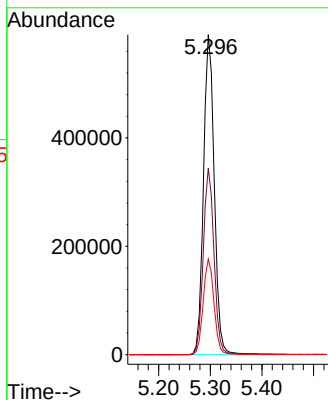
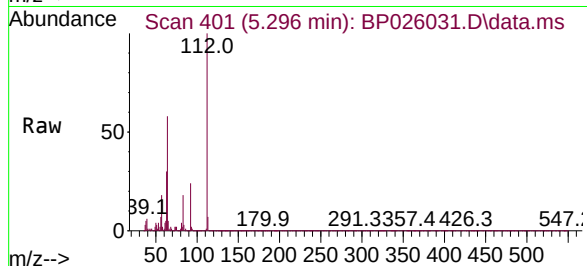
63 29.9 24.2 36.4

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Supervised By :Jagrut Upadhyay 11/04/2025



#6

Aniline

Concen: 20.567 ng

RT: 7.013 min Scan# 693

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

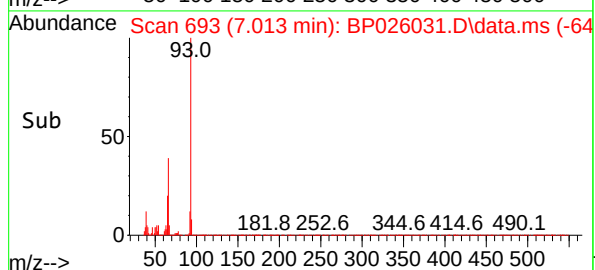
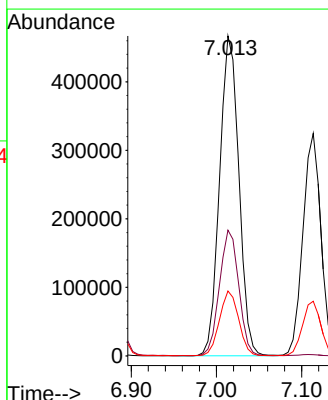
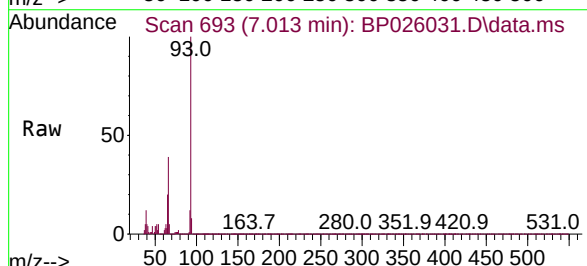
Tgt Ion: 93 Resp: 735067

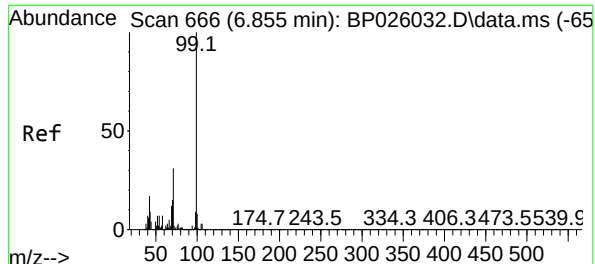
Ion Ratio Lower Upper

93 100

66 39.3 31.2 46.8

65 20.3 16.1 24.1





#7

Phenol-d6

Concen: 40.803 ng

RT: 6.849 min Scan# 60

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 99 Resp: 109266

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

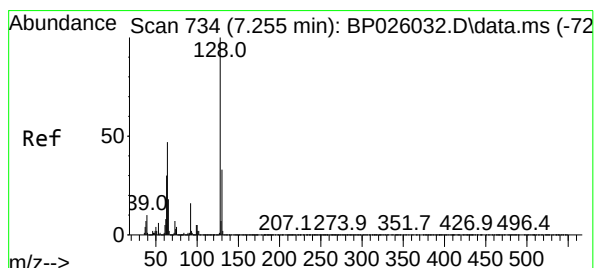
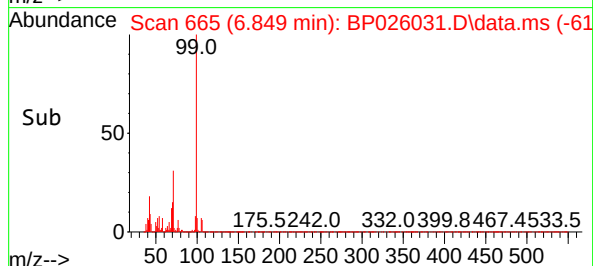
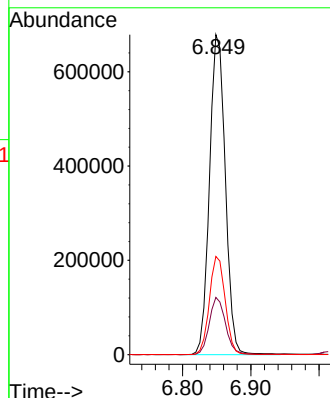
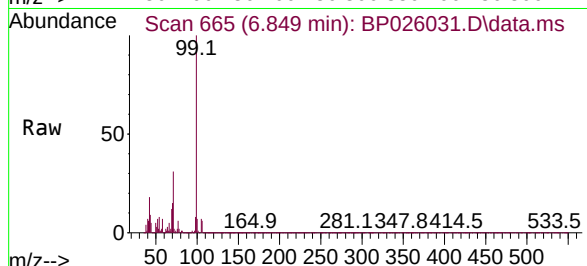
71 30.7 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#8

2-Chlorophenol

Concen: 20.201 ng

RT: 7.255 min Scan# 734

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

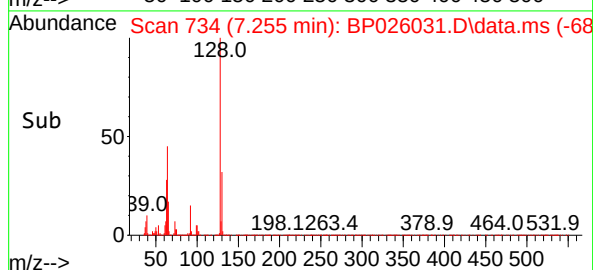
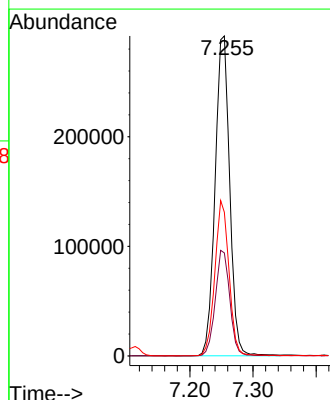
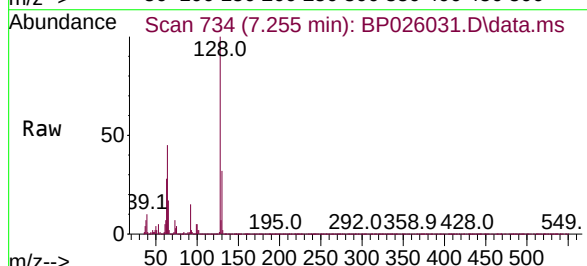
Tgt Ion:128 Resp: 470651

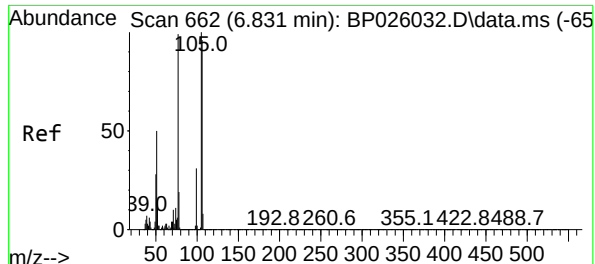
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

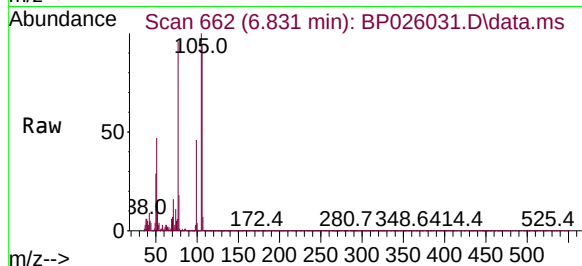
64 44.9 27.4 67.4





#9
Benzaldehyde
Concen: 23.383 ng m
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

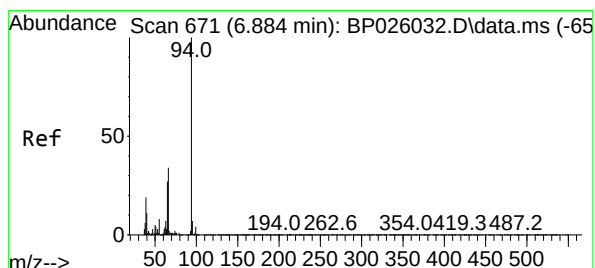
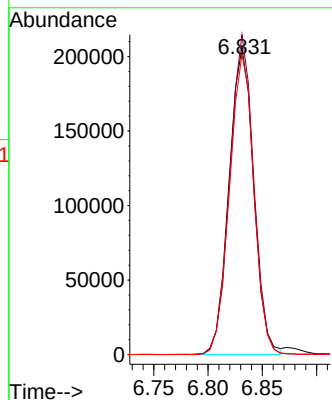
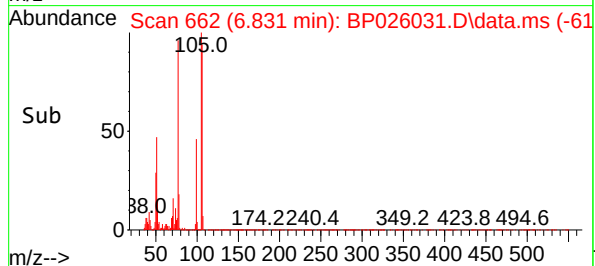
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 325513
Ion Ratio Lower Upper
77 100
105 104.1 80.7 120.7
106 97.6 76.5 116.5

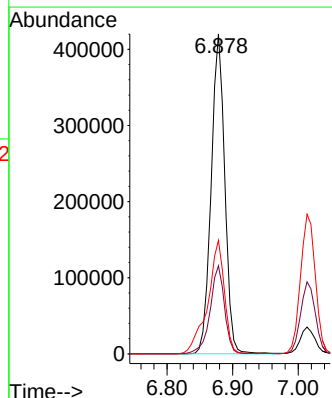
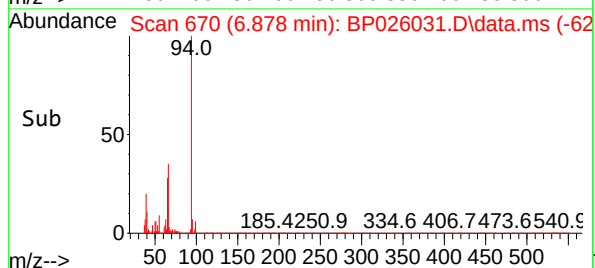
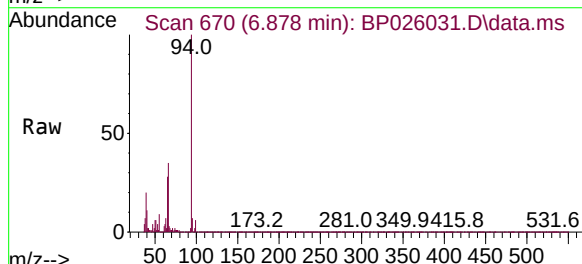
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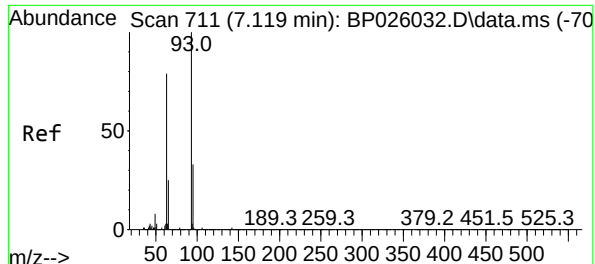
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 20.436 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 94 Resp: 607568
Ion Ratio Lower Upper
94 100
65 27.6 7.1 47.1
66 35.5 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 20.308 ng

RT: 7.113 min Scan# 711

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 476458

Ion Ratio Lower Upper

93 100

63 79.5 59.1 99.1

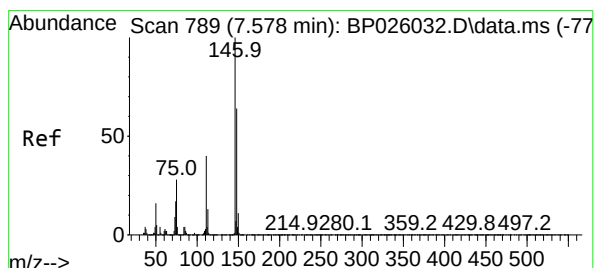
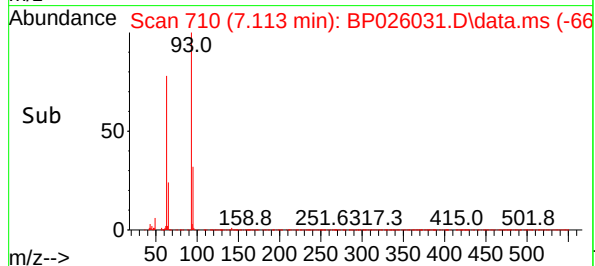
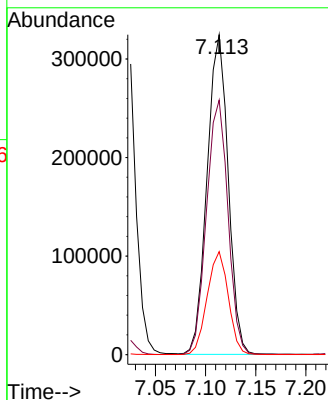
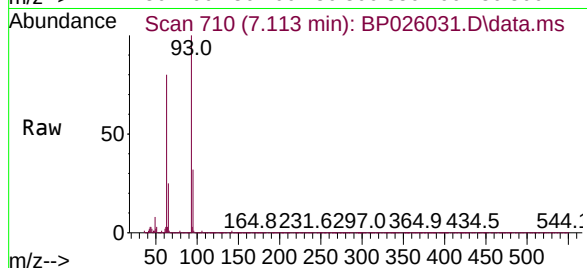
95 32.2 12.6 52.6

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#12

1,3-Dichlorobenzene

Concen: 20.396 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

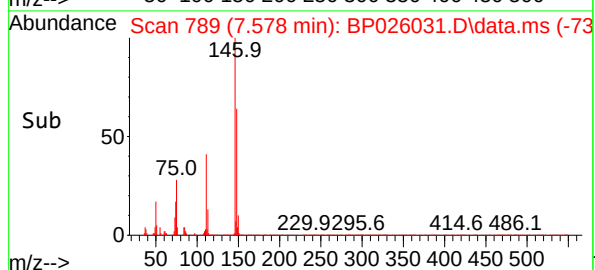
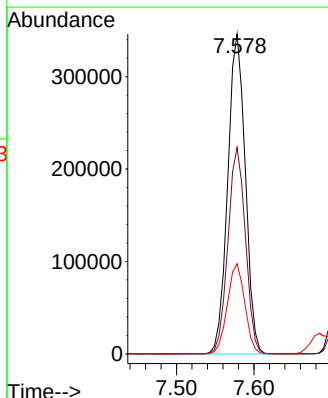
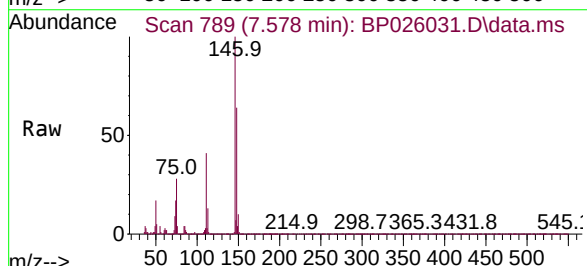
Tgt Ion:146 Resp: 545717

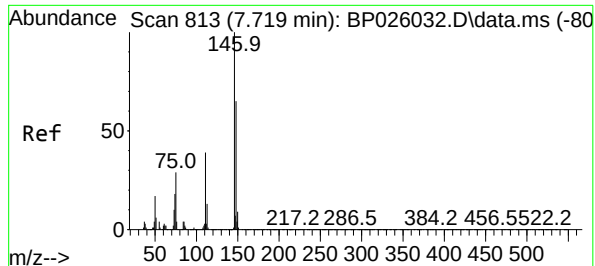
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

75 28.2 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 20.337 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 550164

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

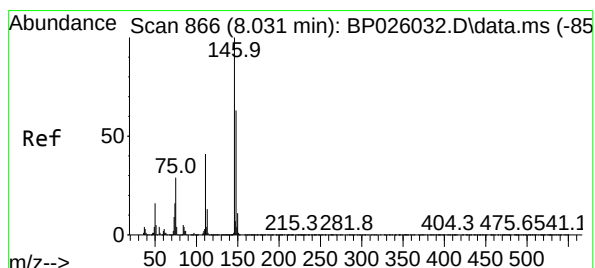
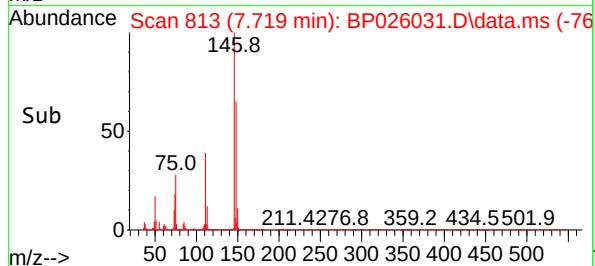
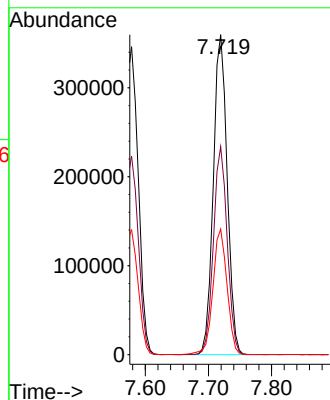
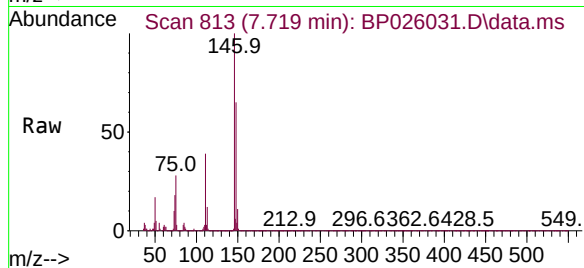
111 39.2 31.3 46.9

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#14

1,2-Dichlorobenzene

Concen: 20.400 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

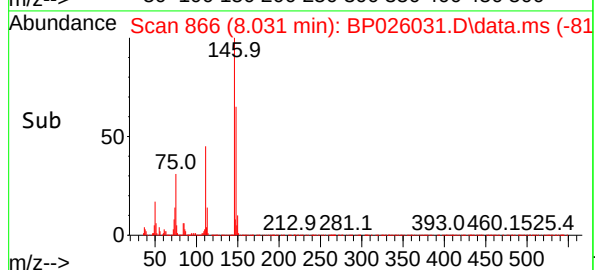
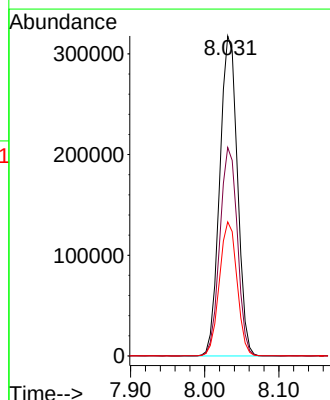
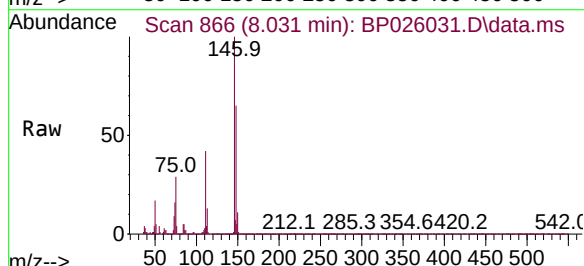
Tgt Ion:146 Resp: 526607

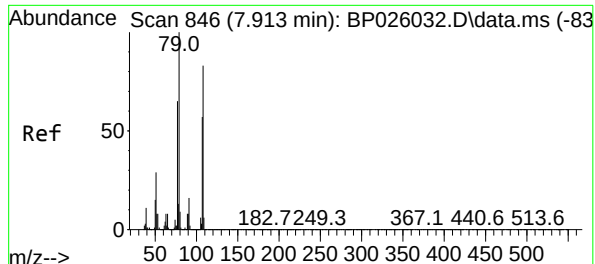
Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

111 41.9 33.0 49.4





#15

Benzyl Alcohol

Concen: 19.765 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 381569

Ion Ratio Lower Upper

79 100

108 81.2 66.0 99.0

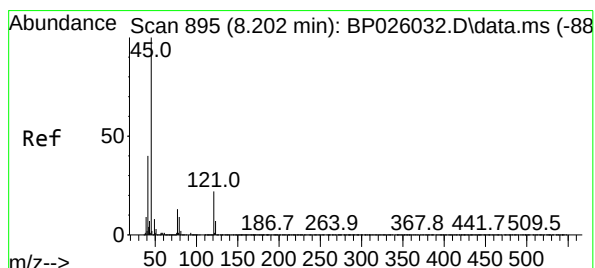
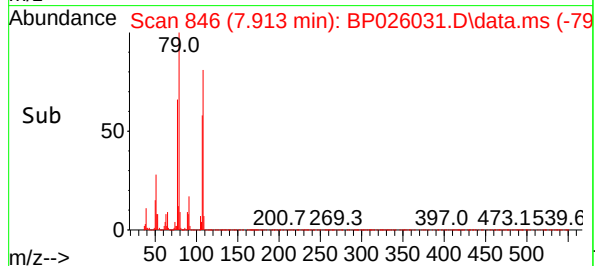
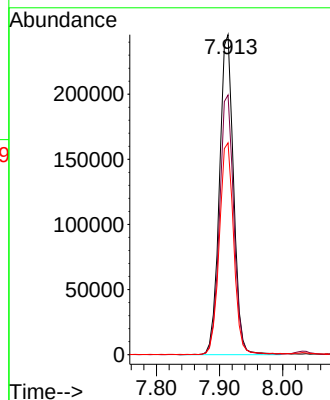
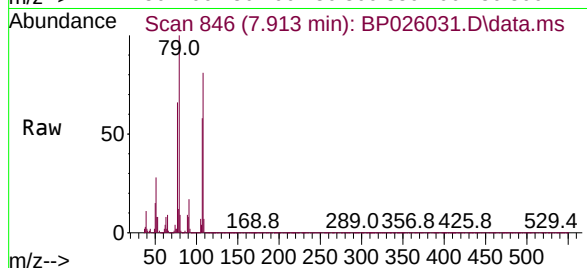
77 66.2 52.3 78.5

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Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.579 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

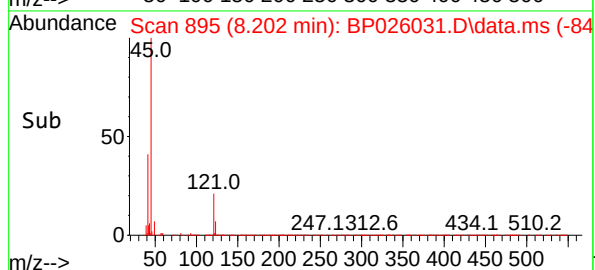
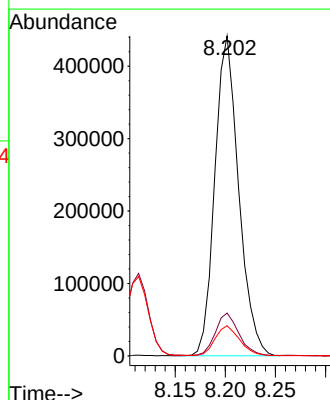
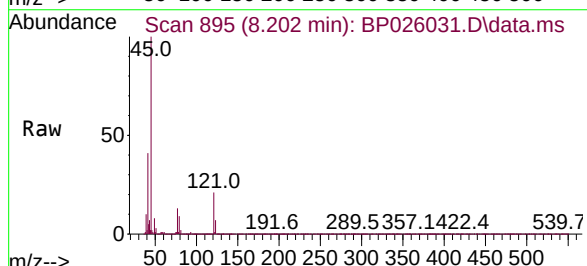
Tgt Ion: 45 Resp: 729715

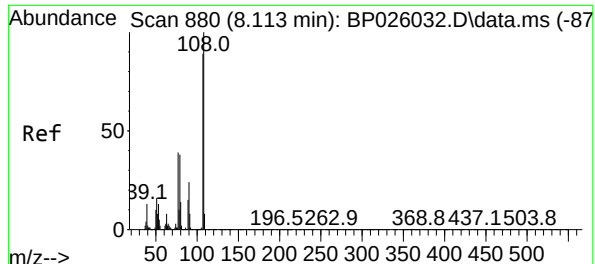
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

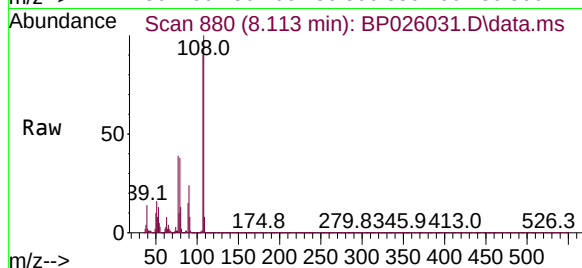
79 9.4 0.0 29.5





#17
2-Methylphenol
Concen: 20.413 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

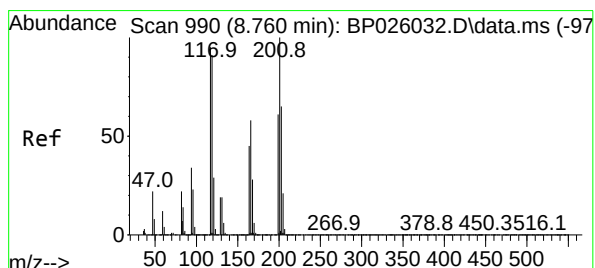
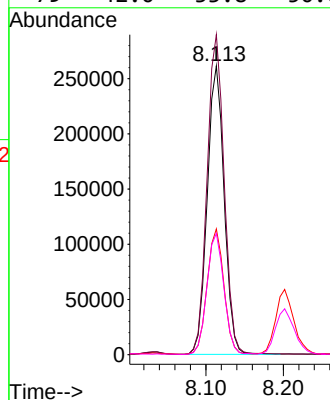
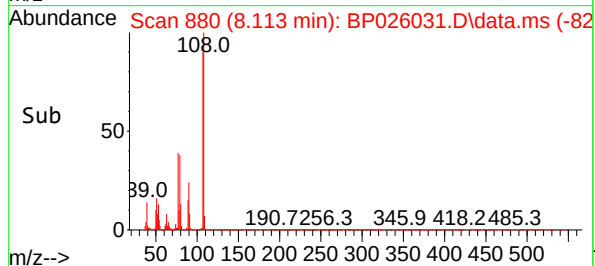
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 397383
Ion Ratio Lower Upper
107 100
108 110.8 89.8 134.8
77 43.5 34.8 52.2
79 42.0 33.8 50.6

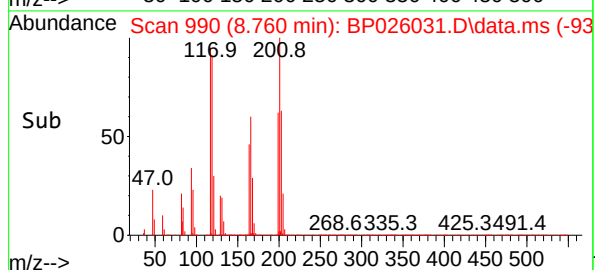
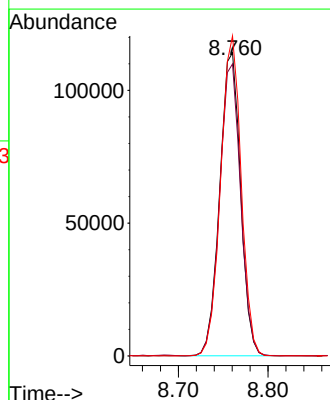
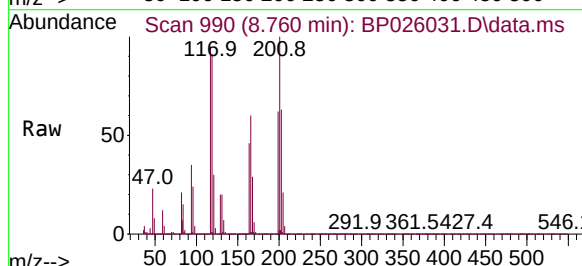
Manual Integrations
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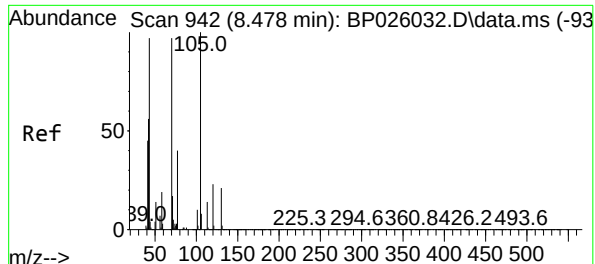
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 20.053 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:117 Resp: 185631
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
201 105.6 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 21.226 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 352850

Ion Ratio Lower Upper

70 100

42 59.6 47.2 70.8

101 9.6 8.2 12.2

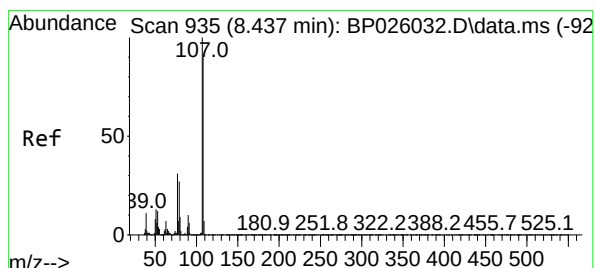
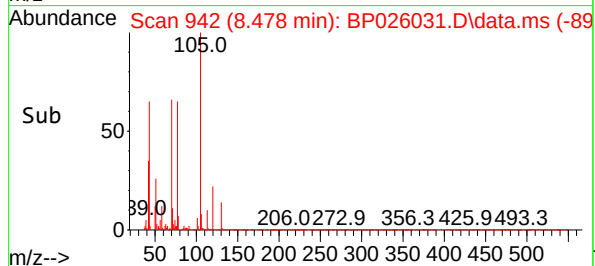
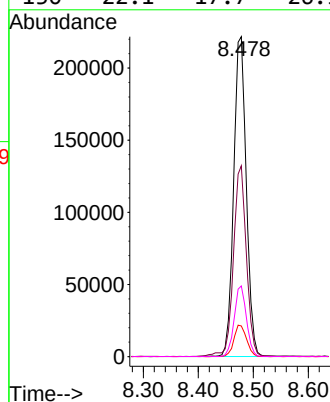
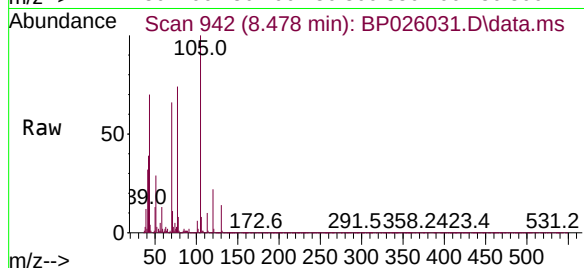
130 22.1 17.7 26.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 19.965 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:107 Resp: 540688

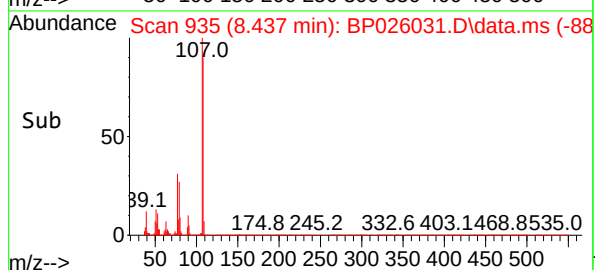
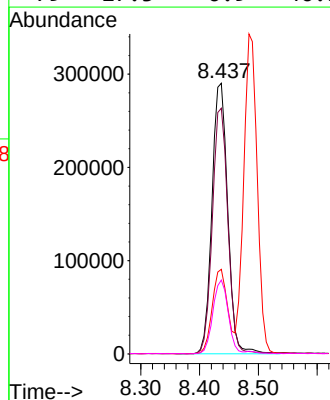
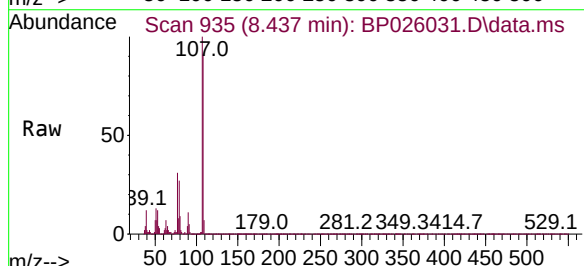
Ion Ratio Lower Upper

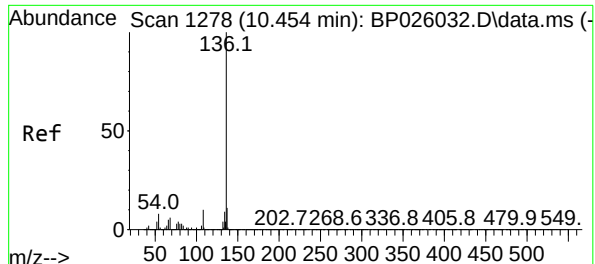
107 100

108 90.8 70.1 110.1

77 31.3 10.7 50.7

79 27.3 6.9 46.9





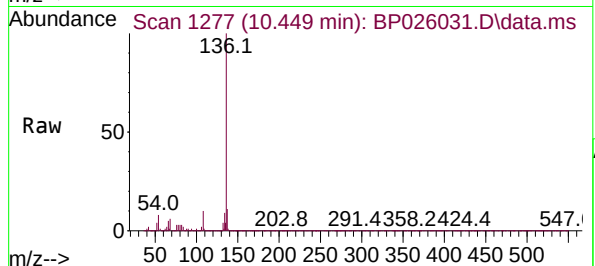
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

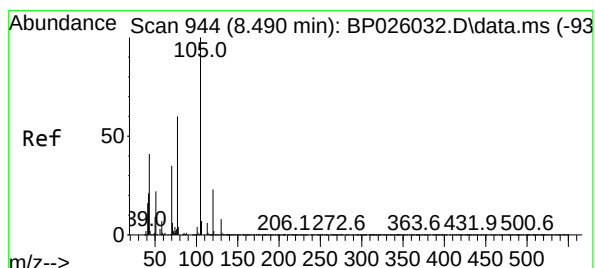
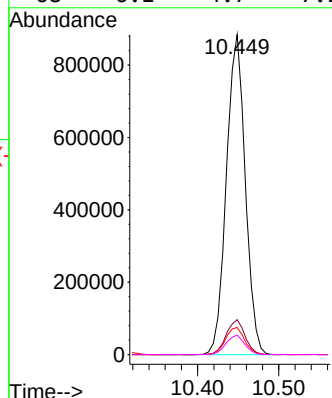
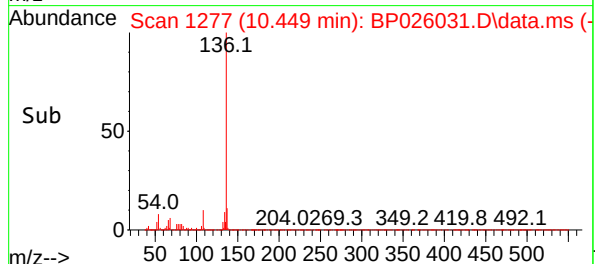


Tgt Ion:136 Resp: 1426046
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 6.6 10.0
68 6.1 4.7 7.1

Manual Integrations

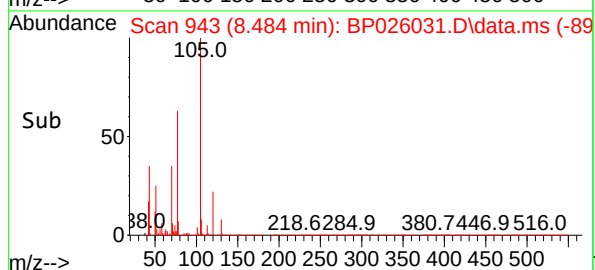
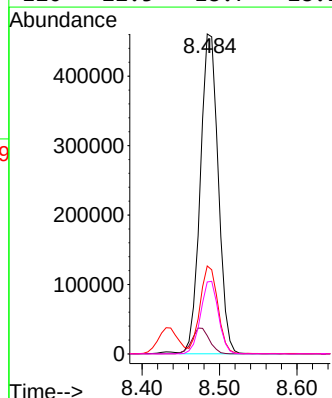
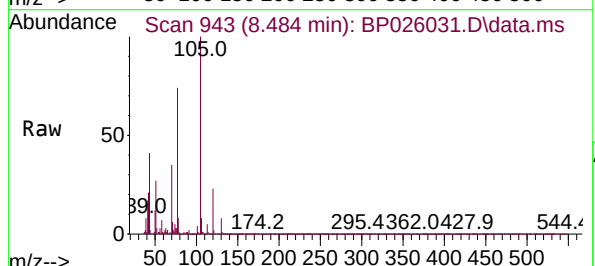
APPROVED

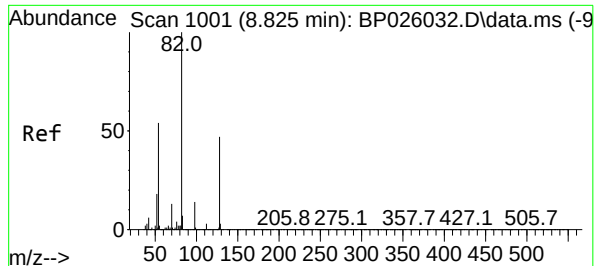
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#22
Acetophenone
Concen: 20.505 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:105 Resp: 739513
Ion Ratio Lower Upper
105 100
71 5.7 4.7 7.1
51 27.5 21.8 32.8
120 22.5 18.7 28.1





#23

Nitrobenzene-d5

Concen: 40.712 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 931308

Ion Ratio Lower Upper

82 100

128 45.8 37.4 56.0

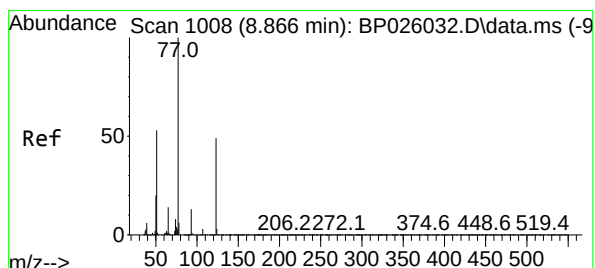
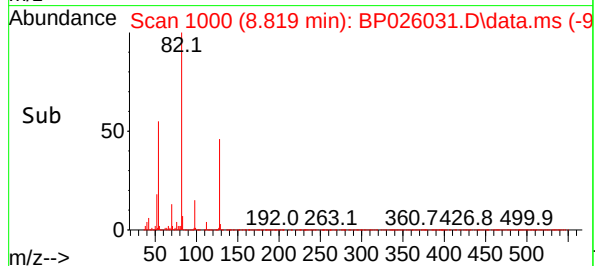
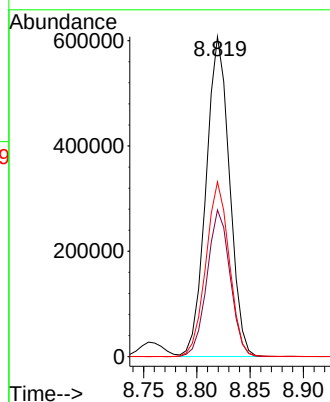
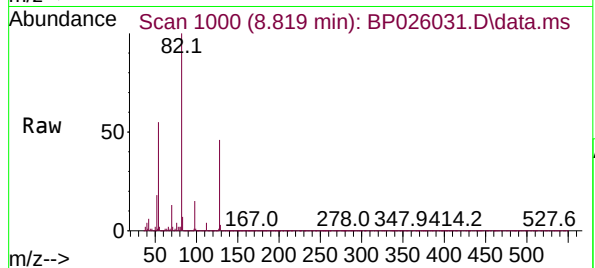
54 54.6 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 20.407 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

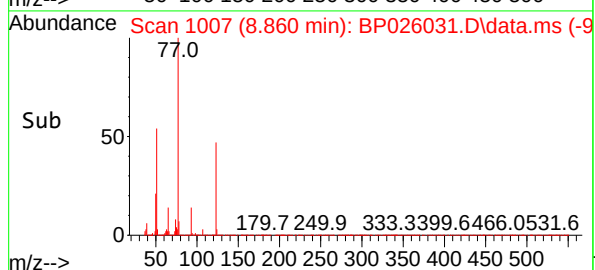
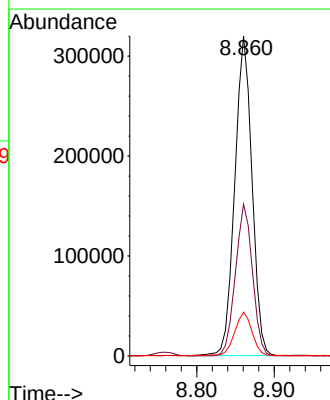
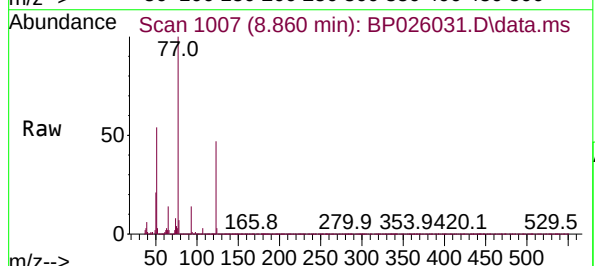
Tgt Ion: 77 Resp: 492888

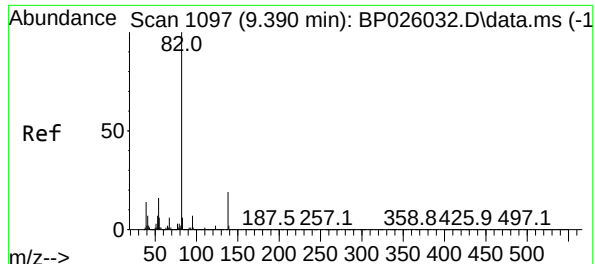
Ion Ratio Lower Upper

77 100

123 47.4 39.0 58.4

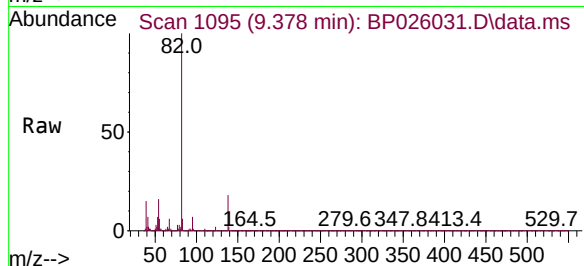
65 13.7 10.9 16.3





#25
Isophorone
Concen: 20.531 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

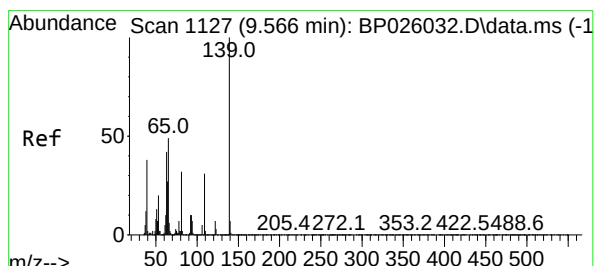
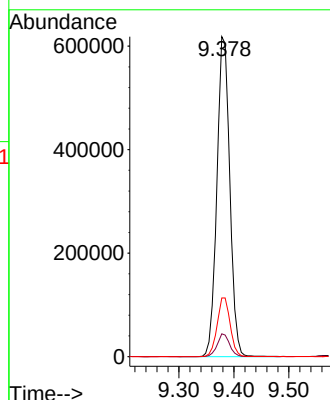
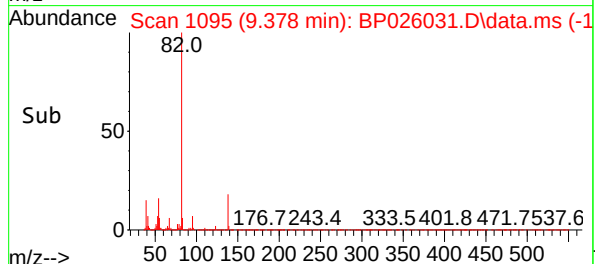
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 1005233
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.3 15.0 22.6

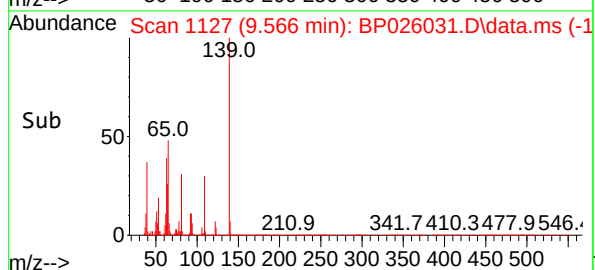
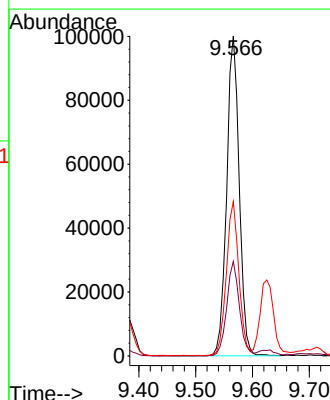
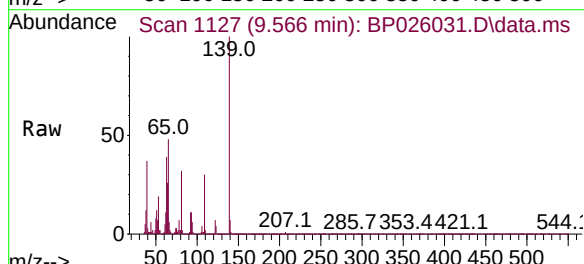
Manual Integrations
APPROVED

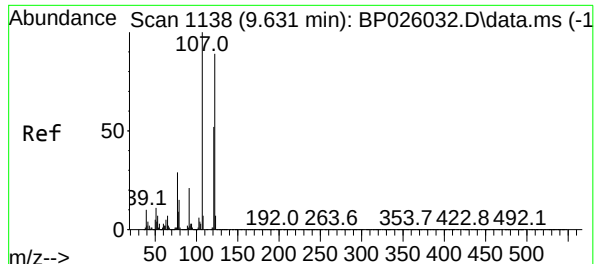
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 18.908 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:139 Resp: 152813
Ion Ratio Lower Upper
139 100
109 29.5 24.8 37.2
65 48.2 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 19.481 ng

RT: 9.625 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 401111

Ion Ratio Lower Upper

122 100

107 112.2 89.2 133.8

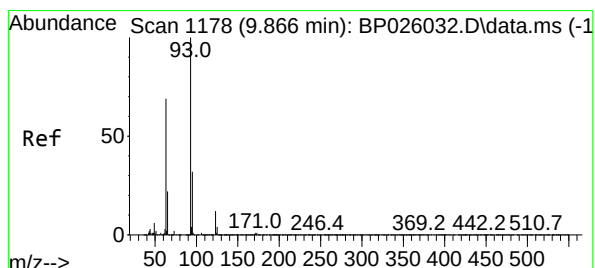
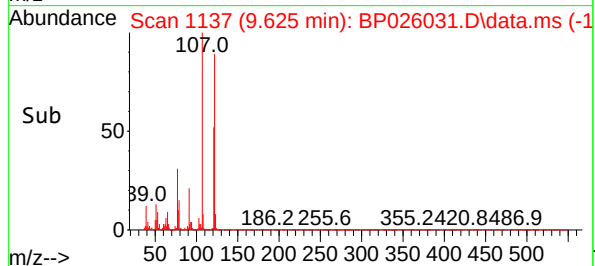
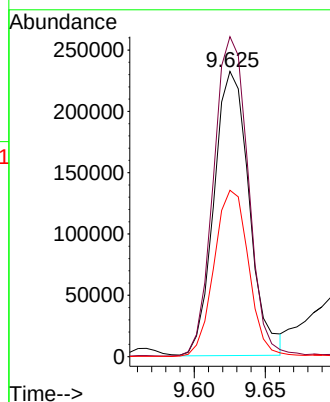
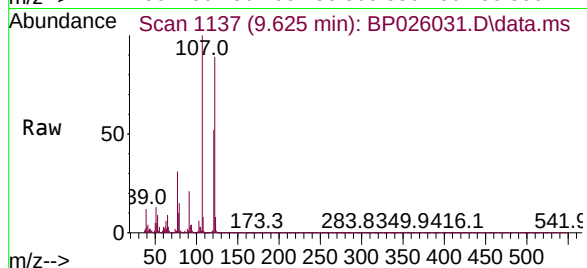
121 58.3 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.157 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

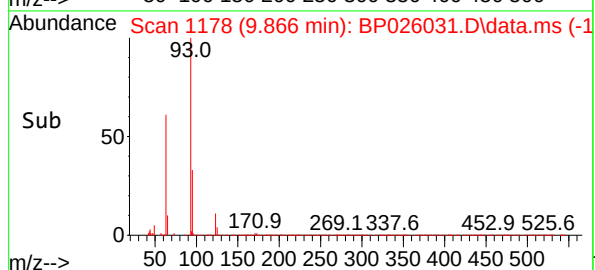
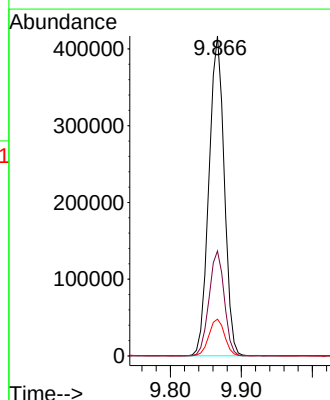
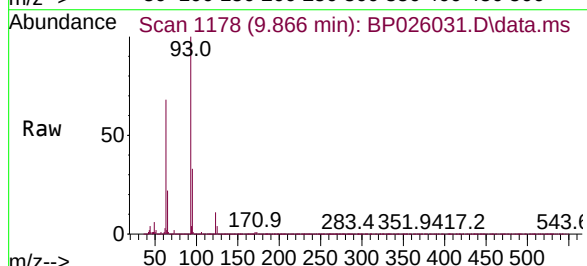
Tgt Ion: 93 Resp: 622000

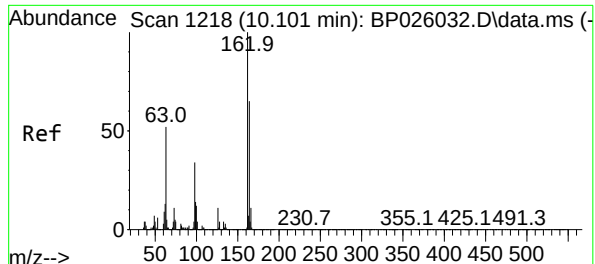
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

123 11.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 20.189 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 438904

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

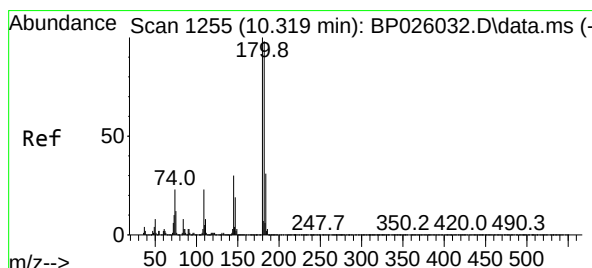
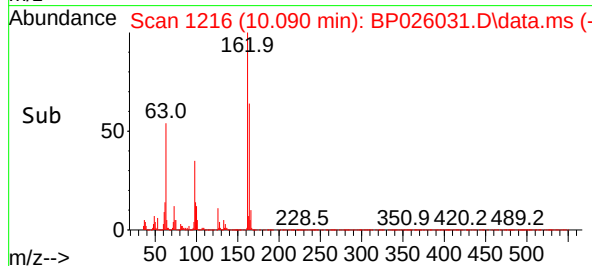
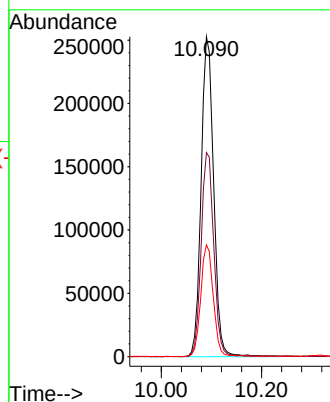
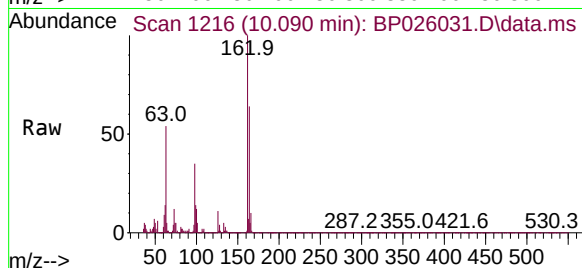
98 34.9 14.0 54.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.315 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

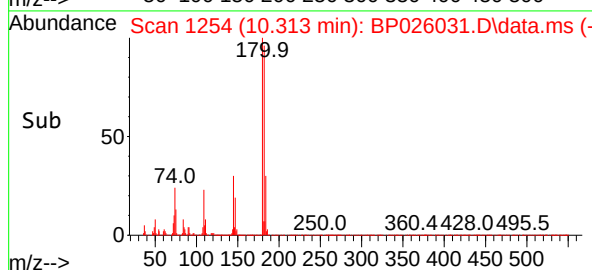
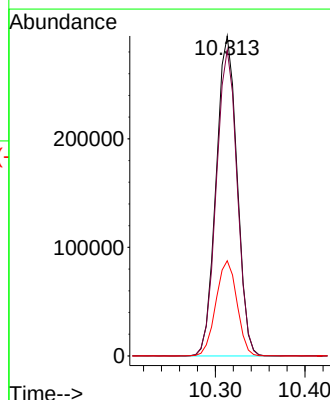
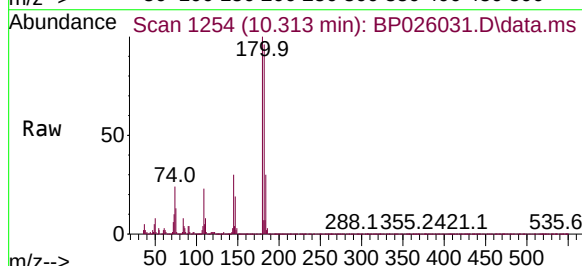
Tgt Ion:180 Resp: 480041

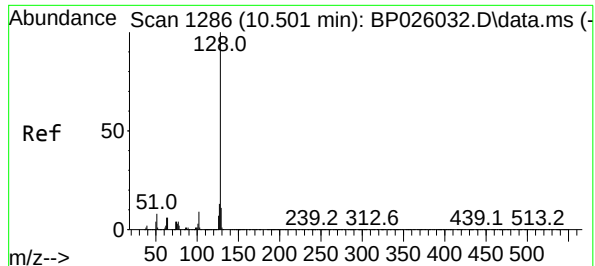
Ion Ratio Lower Upper

180 100

182 95.6 78.6 117.8

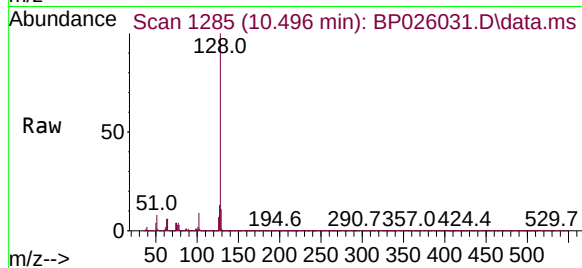
145 29.7 24.2 36.4





#31
Naphthalene
Concen: 20.560 ng
RT: 10.496 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

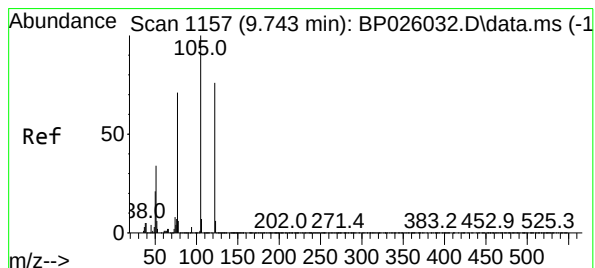
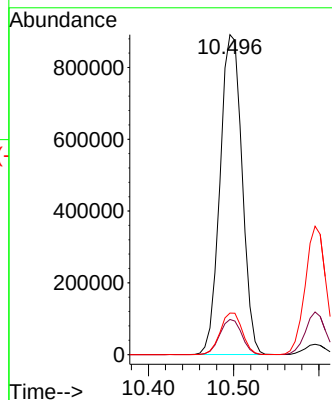
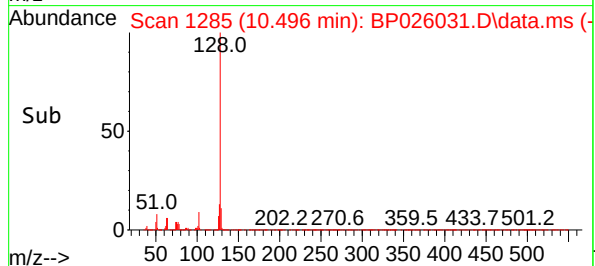
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 1598863
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.5 15.7

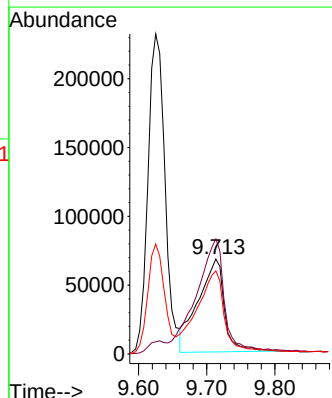
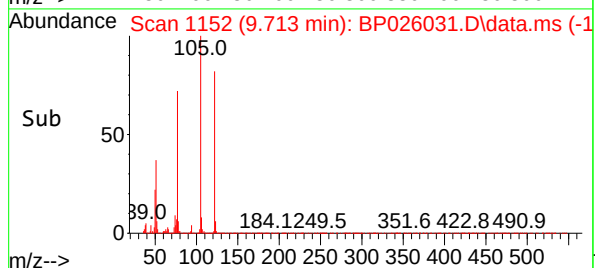
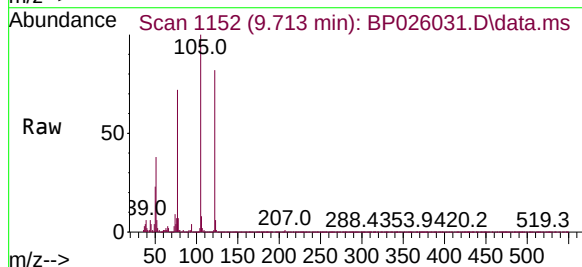
Manual Integrations
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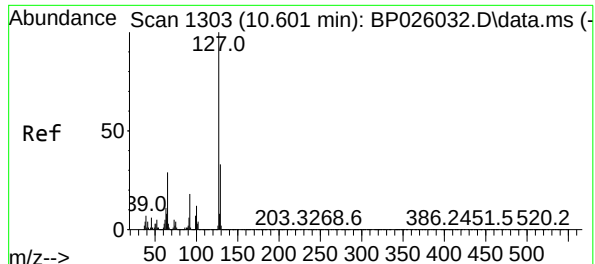
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 19.682 ng
RT: 9.713 min Scan# 1152
Delta R.T. -0.065 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

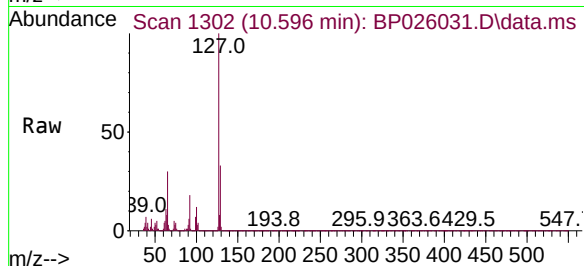
Tgt Ion:122 Resp: 181442
Ion Ratio Lower Upper
122 100
105 121.3 104.8 144.8
77 87.6 70.9 110.9





#33
4-Chloroaniline
Concen: 20.383 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

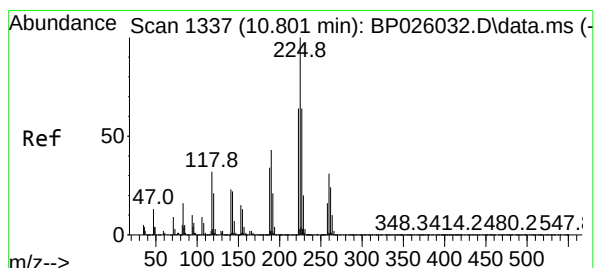
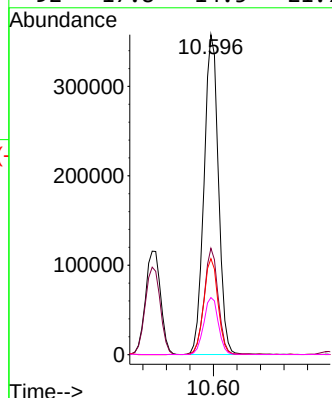
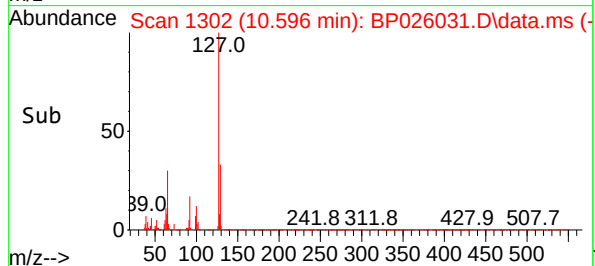
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



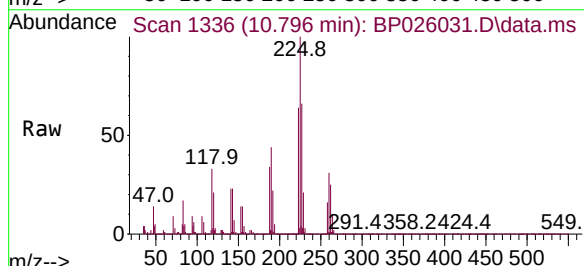
Tgt Ion:127 Resp: 609114
Ion Ratio Lower Upper
127 100
129 33.2 26.0 39.0
65 30.0 23.2 34.8
92 17.8 14.5 21.7

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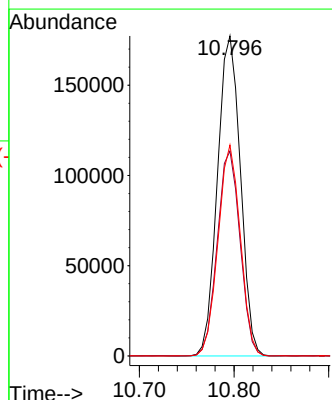
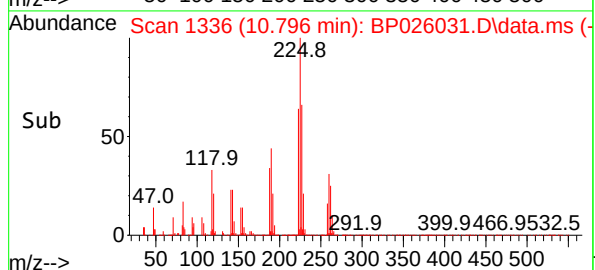
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

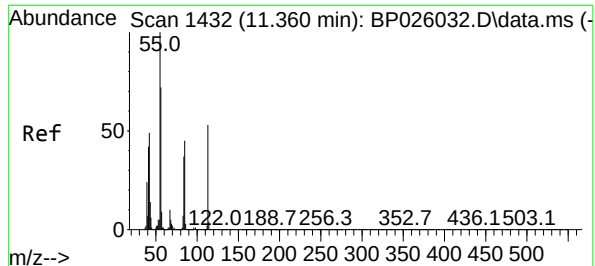


#34
Hexachlorobutadiene
Concen: 19.881 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion:225 Resp: 298535
Ion Ratio Lower Upper
225 100
223 64.0 50.9 76.3
227 65.9 51.0 76.4





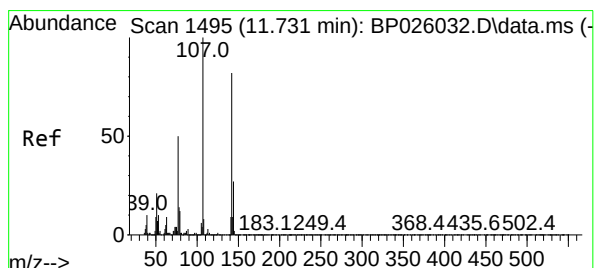
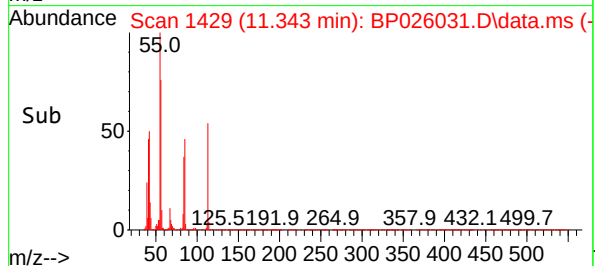
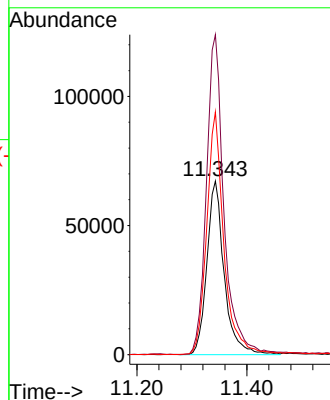
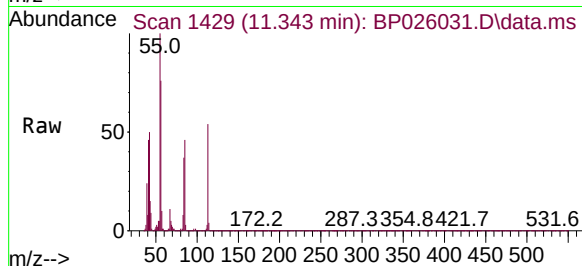
#35
Caprolactam
Concen: 19.234 ng
RT: 11.343 min Scan# 1432
Delta R.T. -0.041 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 14684
Ion Ratio Lower Upper
113 100
55 184.5 169.9 209.9
56 139.9 116.7 156.7

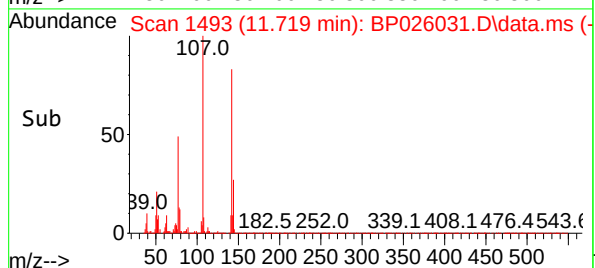
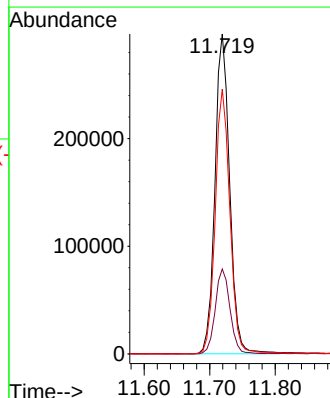
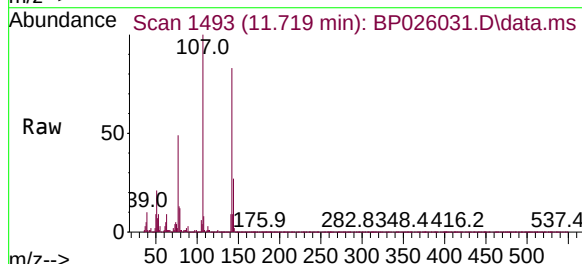
Manual Integrations
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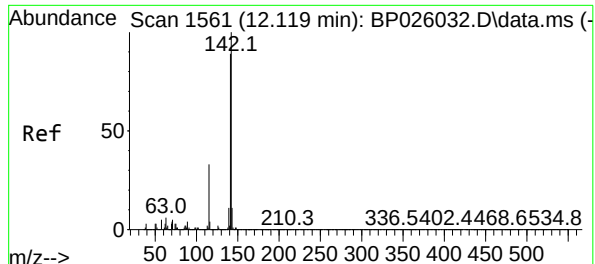
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 20.367 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

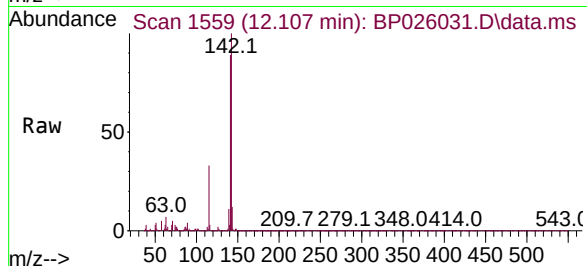
Tgt Ion:107 Resp: 464170
Ion Ratio Lower Upper
107 100
144 26.6 21.3 31.9
142 82.7 65.2 97.8





#37
2-Methylnaphthalene
Concen: 20.213 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

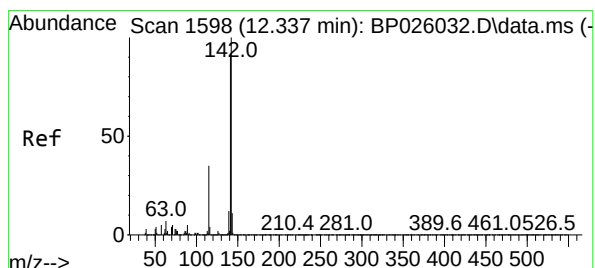
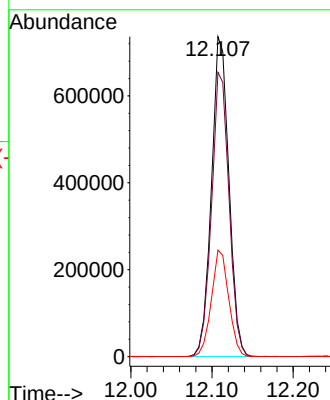
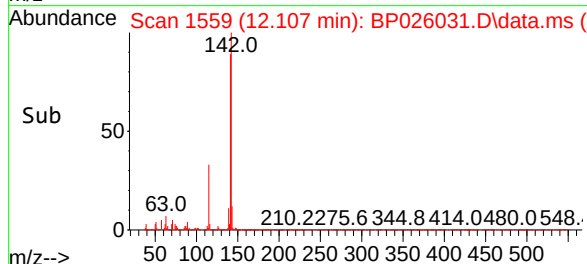
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 110014
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 33.3 26.6 39.8

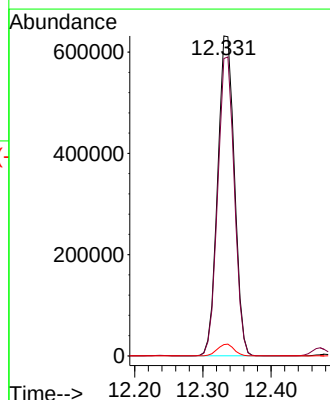
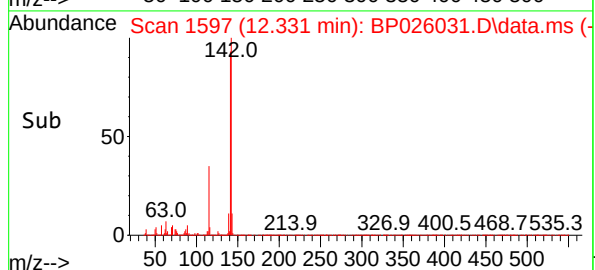
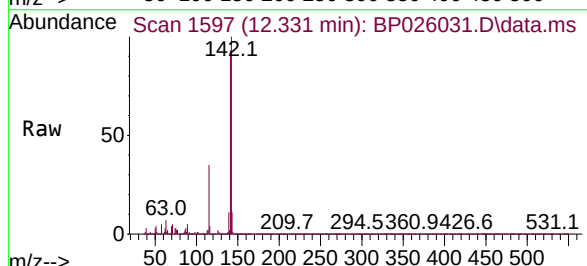
Manual Integrations
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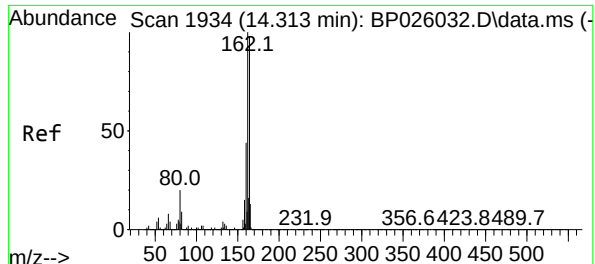
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#38
1-Methylnaphthalene
Concen: 20.334 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:142 Resp: 1075202
Ion Ratio Lower Upper
142 100
141 92.9 72.7 109.1
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 884189

Ion Ratio Lower Upper

164 100

162 100.4 81.5 122.3

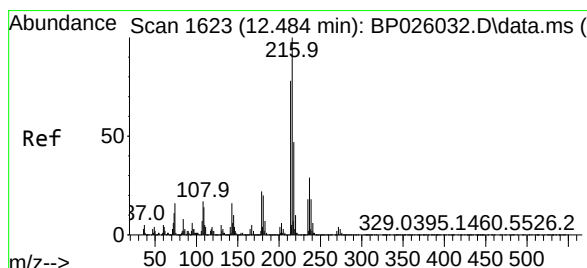
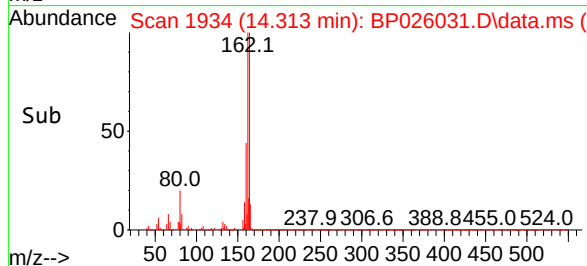
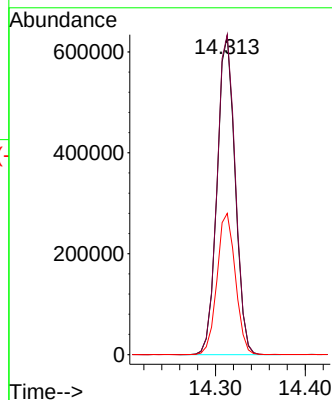
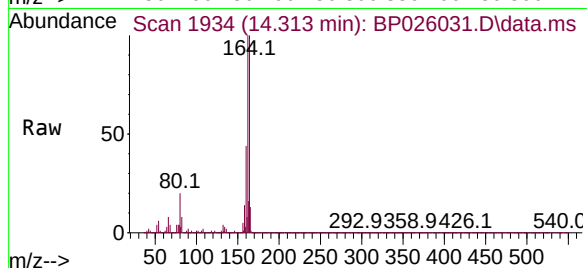
160 44.3 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.486 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:216 Resp: 562803

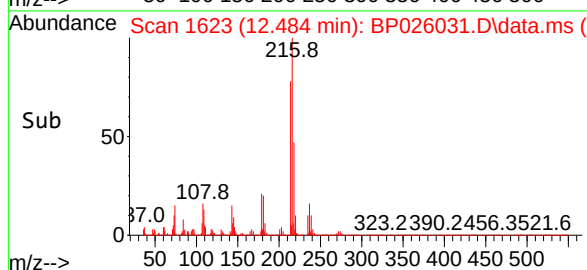
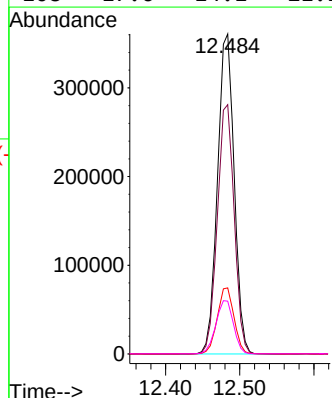
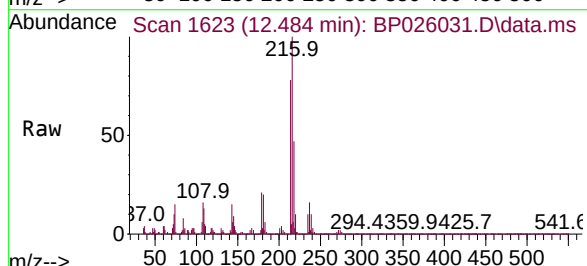
Ion Ratio Lower Upper

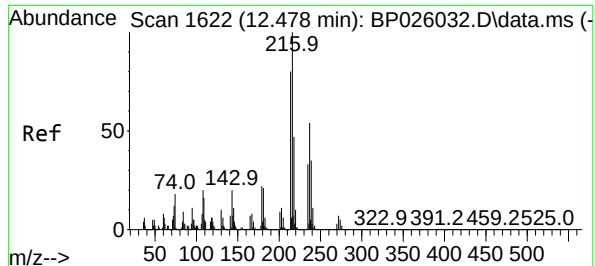
216 100

214 78.7 62.9 94.3

179 20.8 16.9 25.3

108 17.6 14.1 21.1





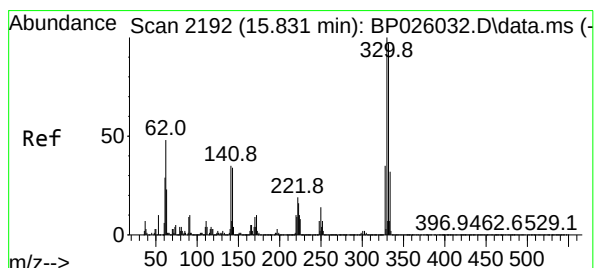
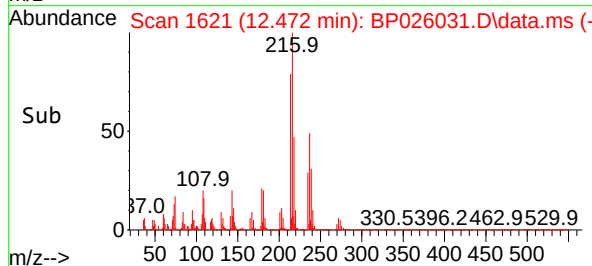
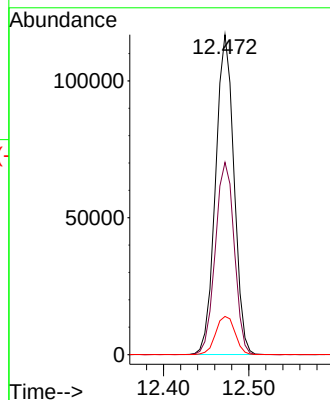
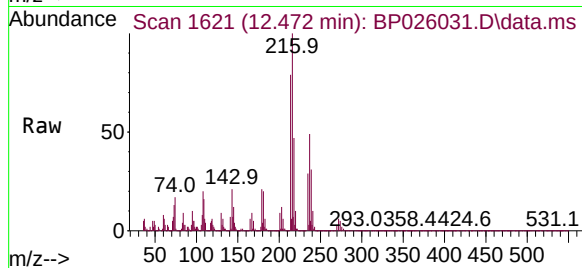
#41
Hexachlorocyclopentadiene
Concen: 17.444 ng
RT: 12.472 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 237 Resp: 17534
Ion Ratio Lower Upper
237 100
235 60.1 40.4 80.4
272 11.9 0.0 32.2

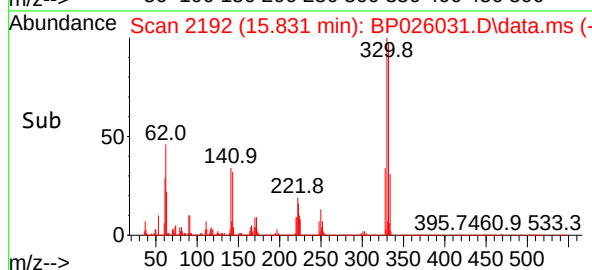
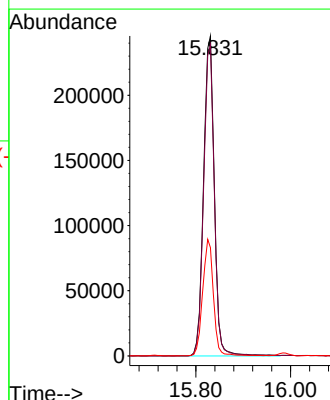
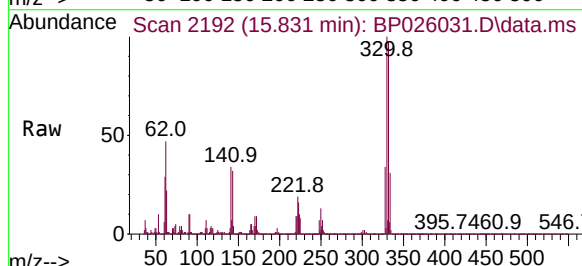
Manual Integrations
APPROVED

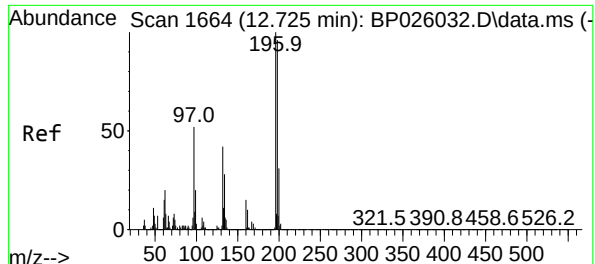
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#42
2,4,6-Tribromophenol
Concen: 40.359 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 330 Resp: 385788
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 36.3 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 20.258 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 328962

Ion Ratio Lower Upper

196 100

198 96.9 76.5 114.7

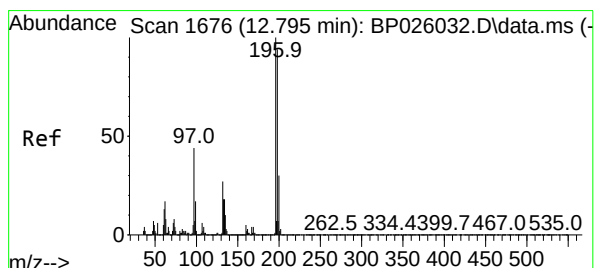
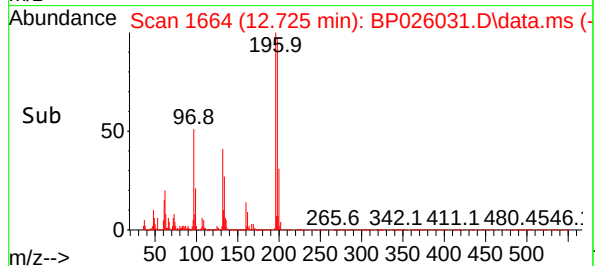
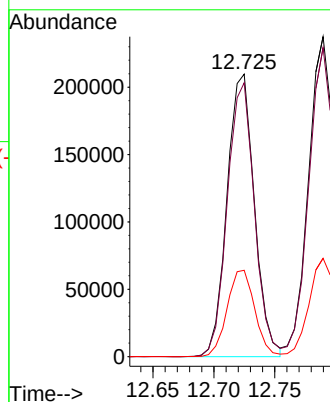
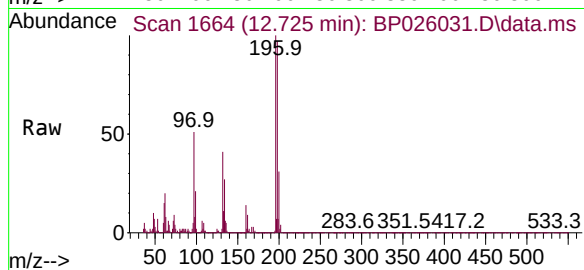
200 30.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 20.260 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:196 Resp: 375399

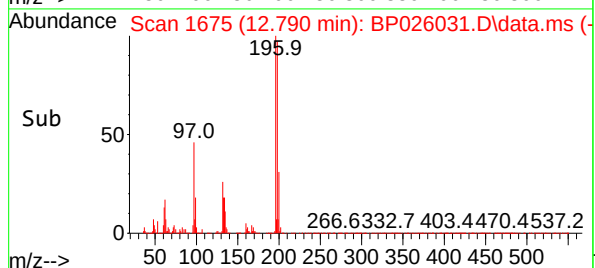
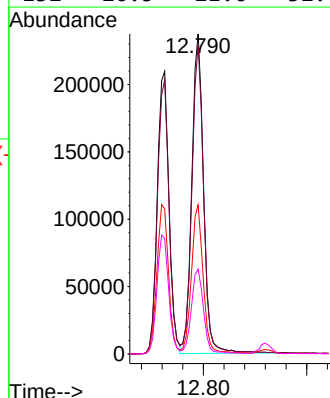
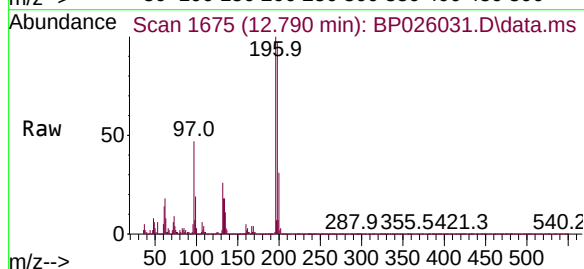
Ion Ratio Lower Upper

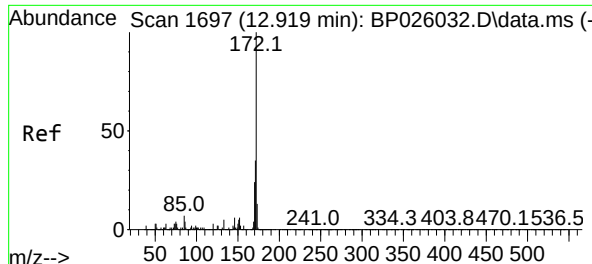
196 100

198 96.6 75.1 112.7

97 46.6 35.5 53.3

132 26.5 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 41.774 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 2570497

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

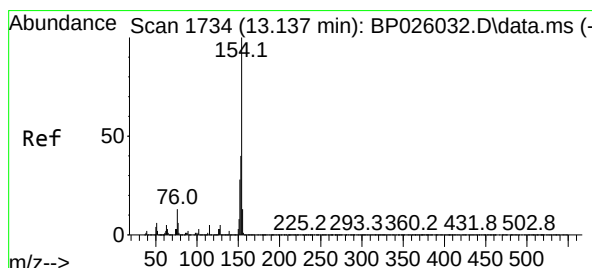
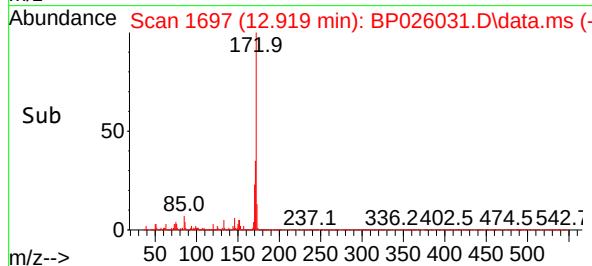
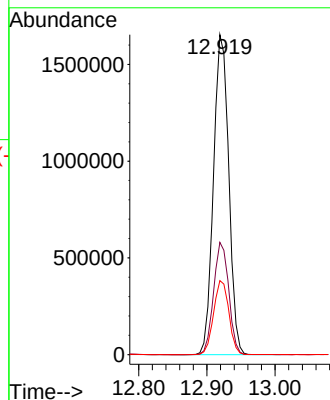
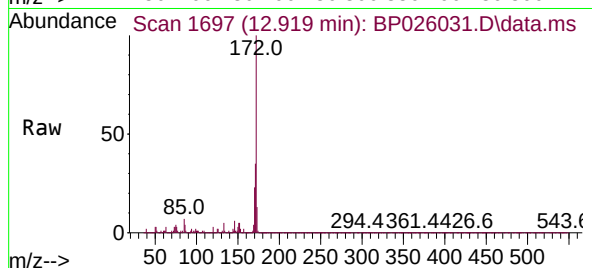
170 23.1 19.0 28.4

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#46

1,1'-Biphenyl

Concen: 20.599 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

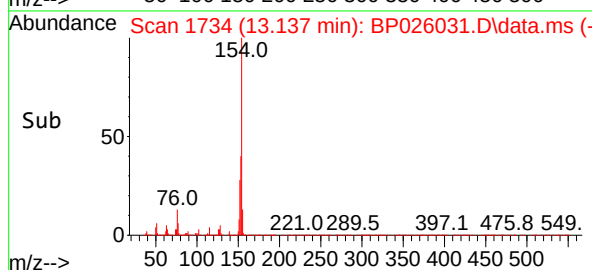
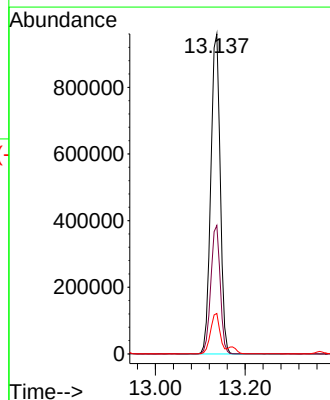
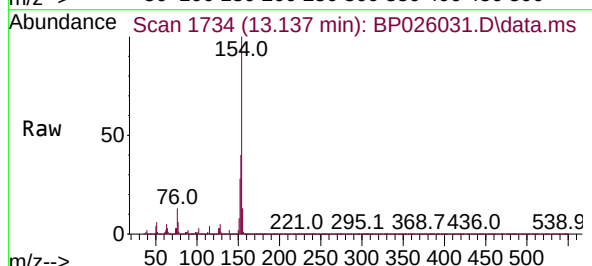
Tgt Ion:154 Resp: 1394592

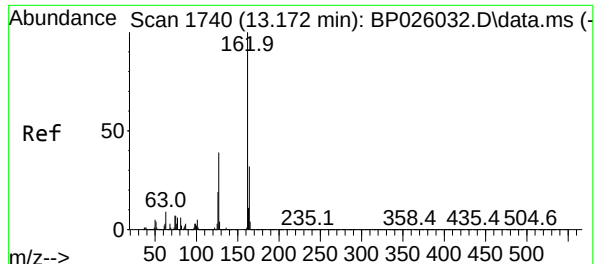
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

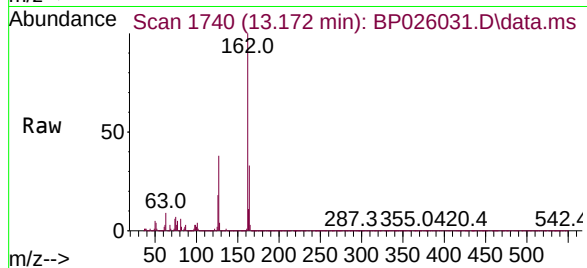
76 12.6 0.0 32.8





#47
2-Chloronaphthalene
Concen: 20.709 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

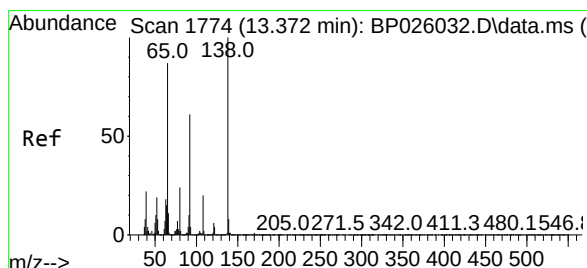
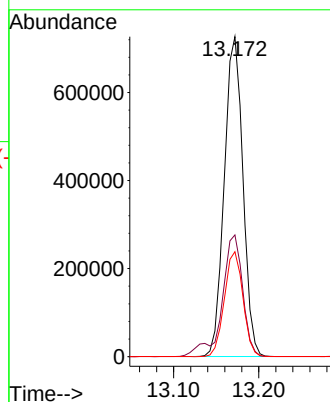
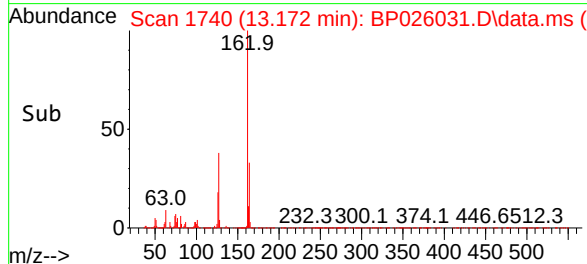
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



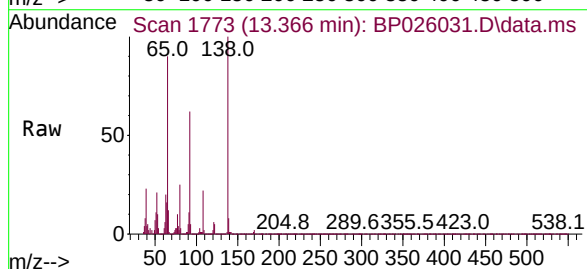
Tgt Ion:162 Resp: 1103115
Ion Ratio Lower Upper
162 100
127 38.1 31.4 47.2
164 32.8 25.9 38.9

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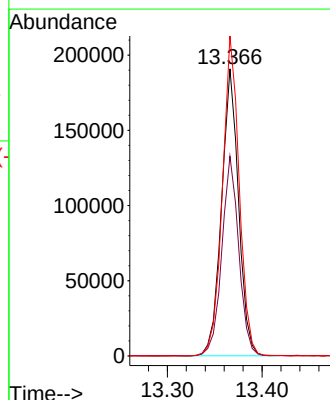
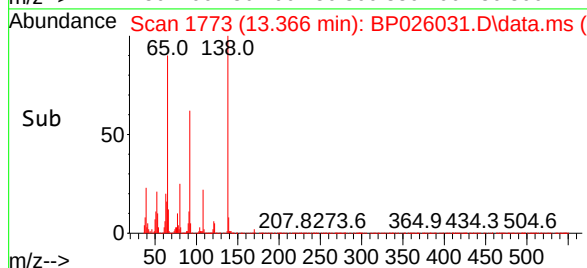
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

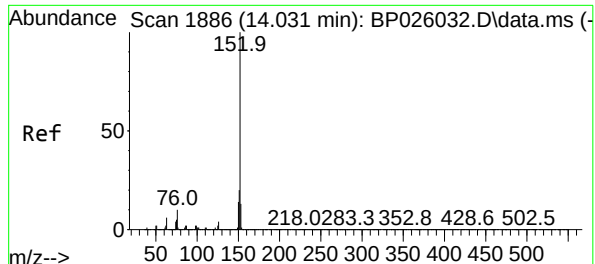


#48
2-Nitroaniline
Concen: 19.391 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion: 65 Resp: 237733
Ion Ratio Lower Upper
65 100
92 69.5 55.5 83.3
138 111.5 91.7 137.5





#49

Acenaphthylene

Concen: 20.863 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1619778

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

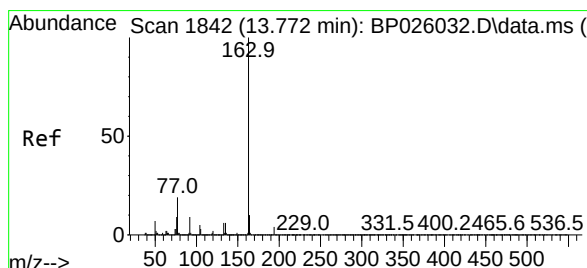
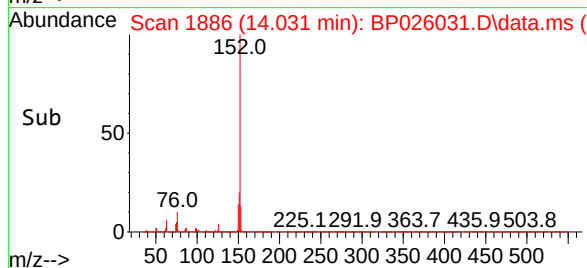
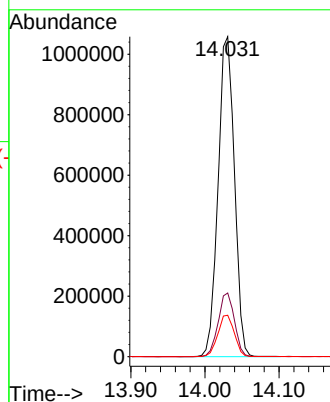
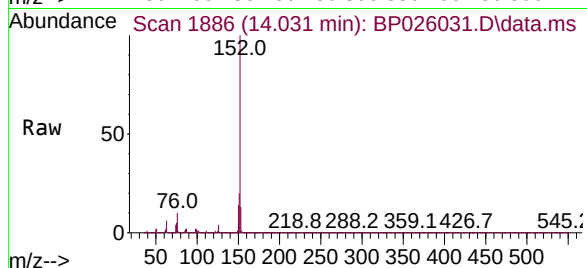
153 12.9 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 20.496 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

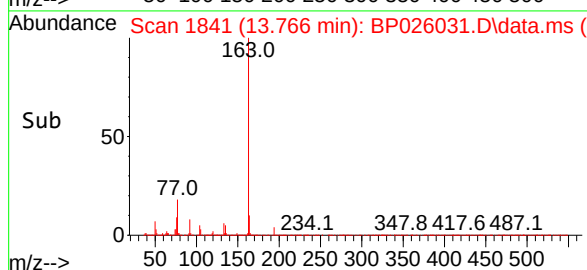
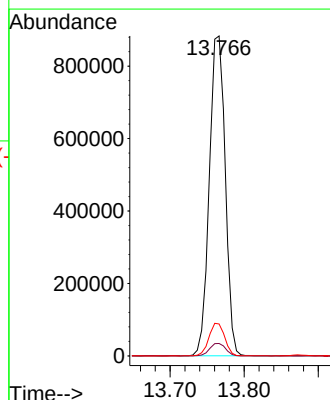
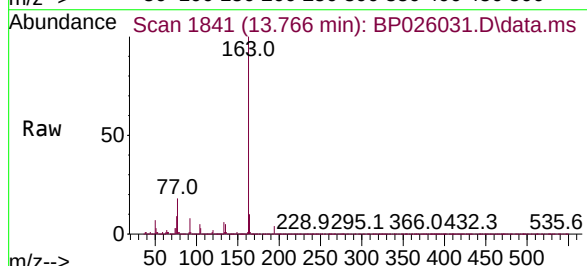
Tgt Ion:163 Resp: 1318220

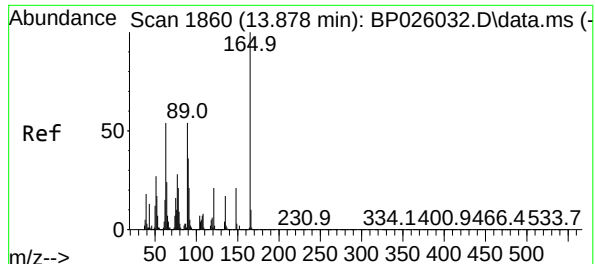
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

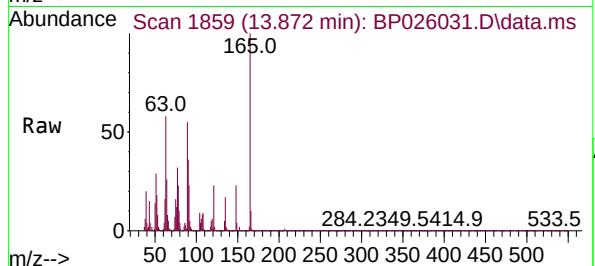
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.266 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

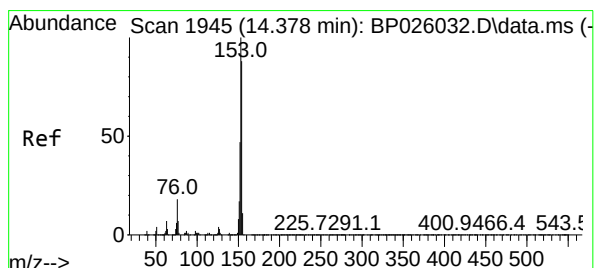
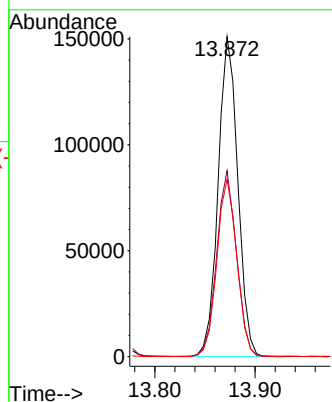
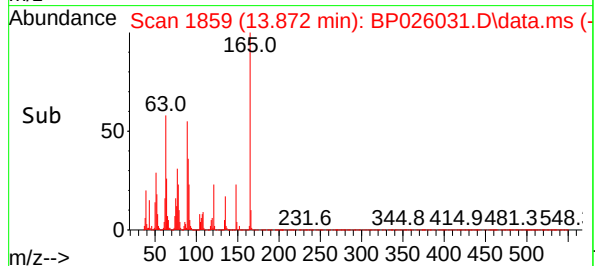
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 206491
Ion Ratio Lower Upper
165 100
63 58.1 43.0 64.4
89 55.3 43.0 64.4

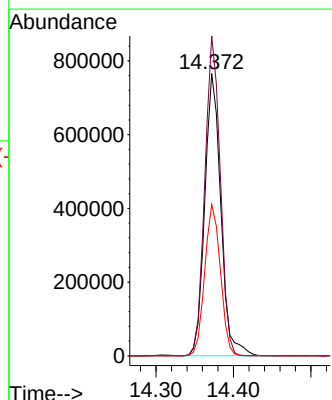
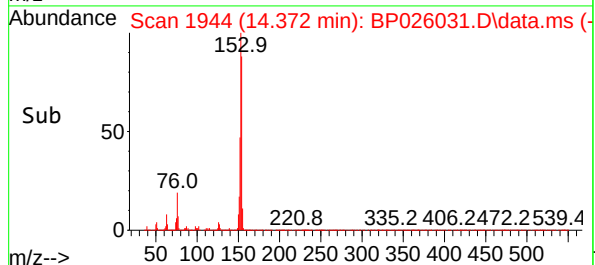
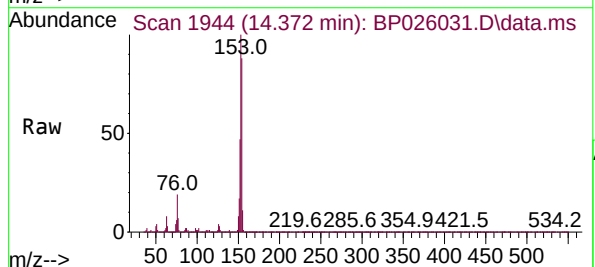
Manual Integrations
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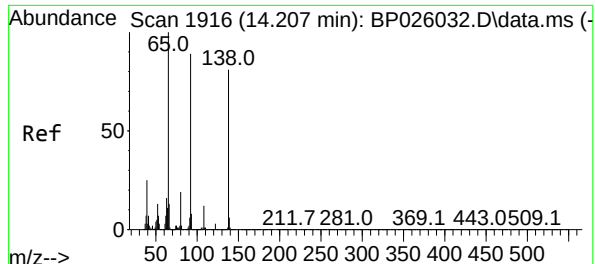
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 20.678 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

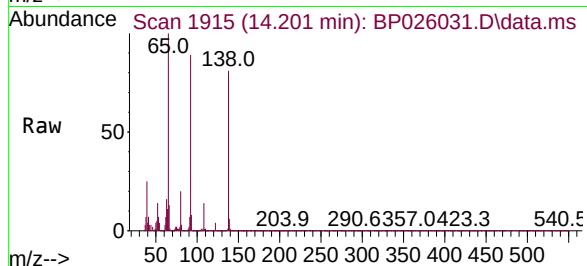
Tgt Ion:154 Resp: 1102148
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.4
152 53.7 42.7 64.1





#53
3-Nitroaniline
Concen: 19.720 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

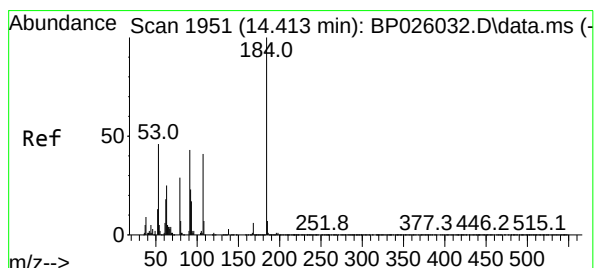
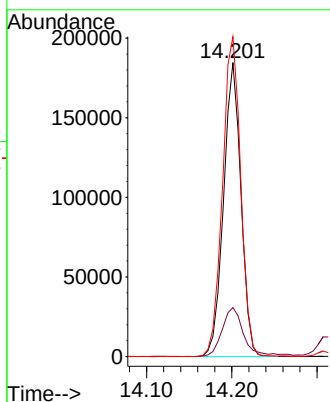
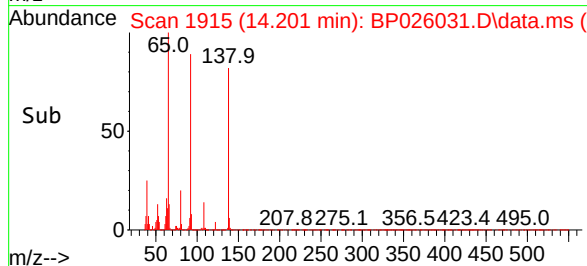
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 261900
Ion Ratio Lower Upper
138 100
108 16.7 11.4 17.0
92 108.8 87.1 130.7

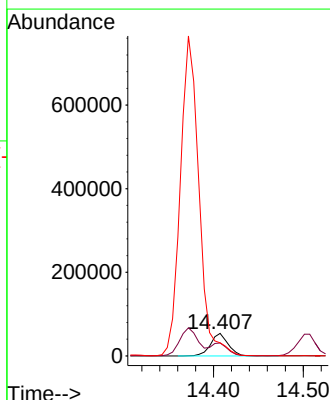
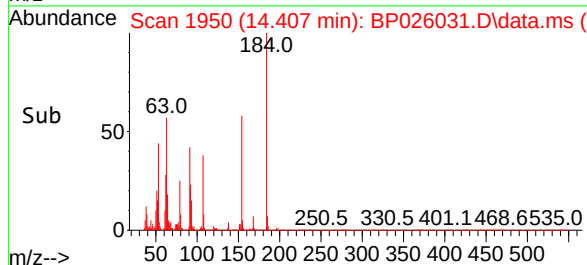
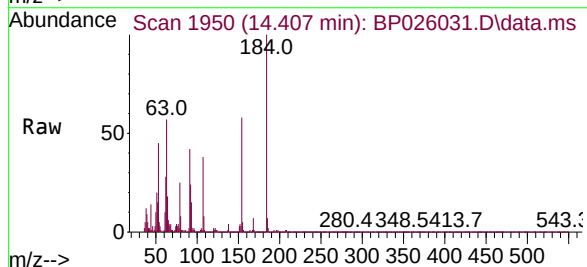
Manual Integrations
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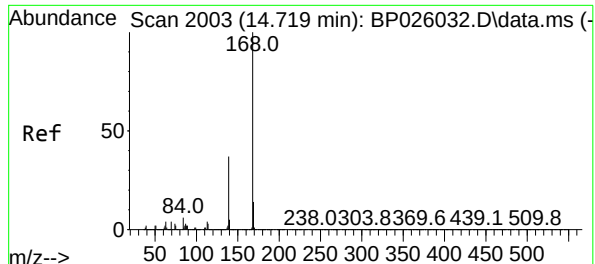
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 20.106 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:184 Resp: 72866
Ion Ratio Lower Upper
184 100
63 57.3 49.0 73.4
154 57.6 51.0 76.6





#55

Dibenzenofuran

Concen: 20.703 ng

RT: 14.713 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 1667180

Ion Ratio Lower Upper

168 100

139 36.3 29.7 44.5

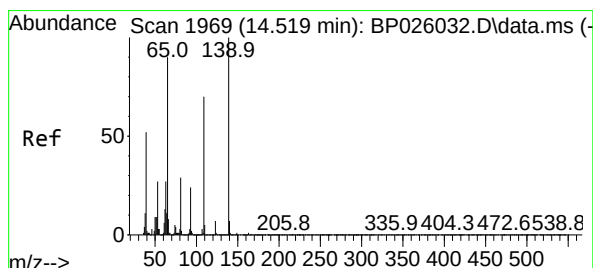
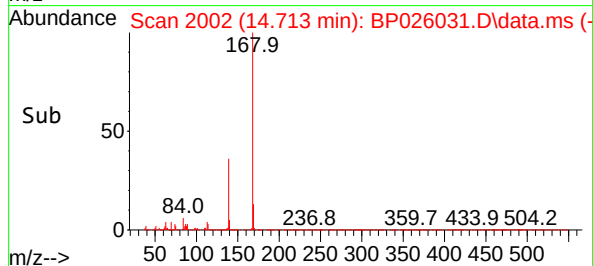
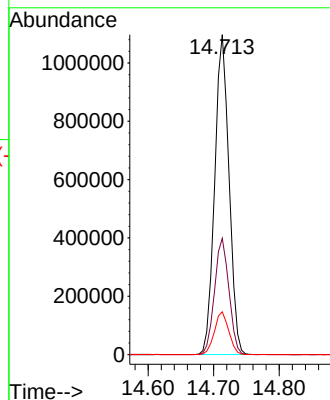
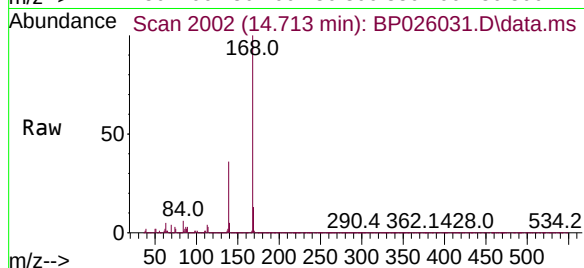
169 13.4 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 21.327 ng

RT: 14.507 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

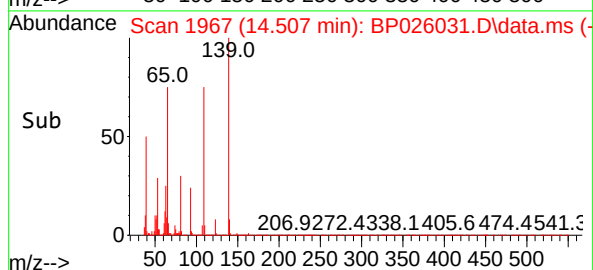
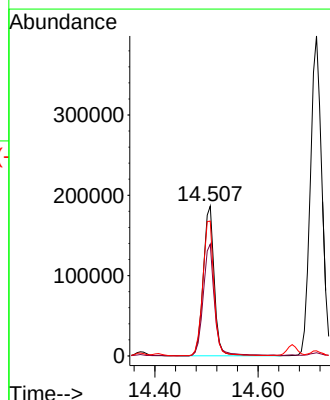
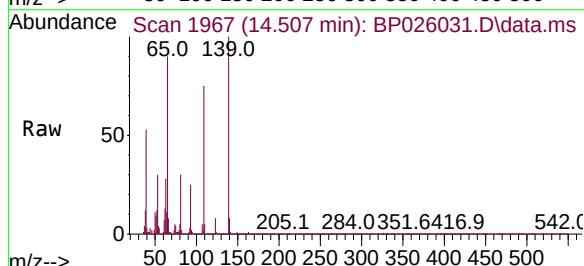
Tgt Ion:139 Resp: 273512

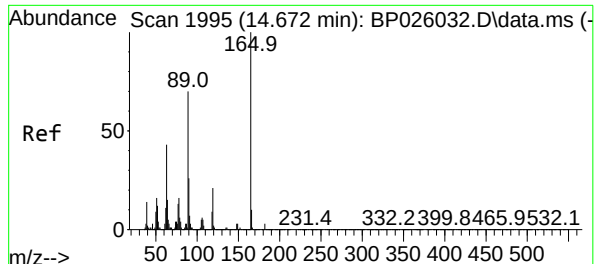
Ion Ratio Lower Upper

139 100

109 74.6 50.0 90.0

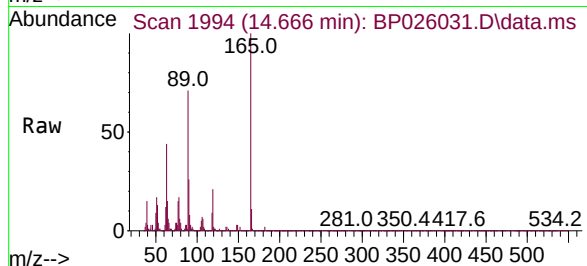
65 90.0 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 19.242 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

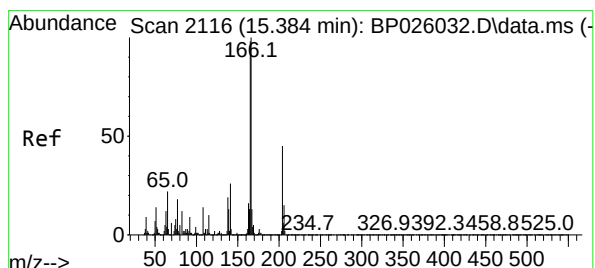
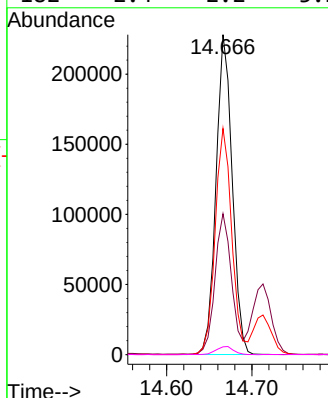
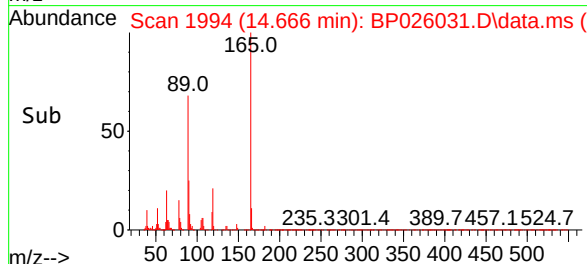
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 300694
Ion Ratio Lower Upper
165 100
63 44.0 34.2 51.2
89 70.7 56.0 84.0
182 2.4 2.2 3.2

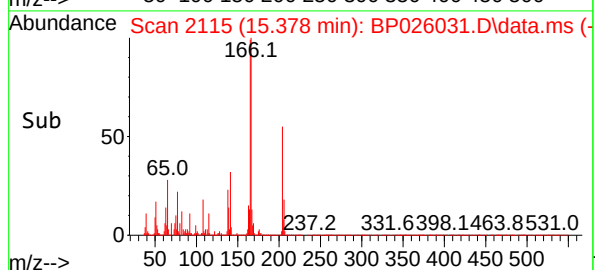
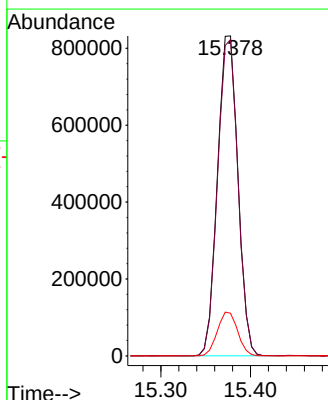
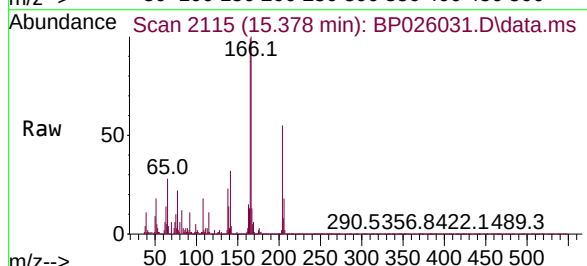
Manual Integrations
APPROVED

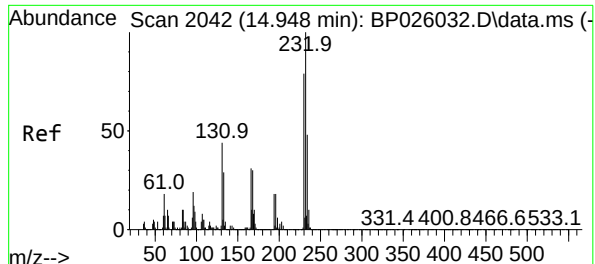
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 21.030 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

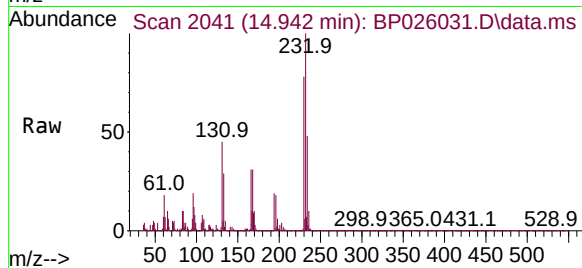
Tgt Ion:166 Resp: 1326773
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.145 ng
RT: 14.942 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

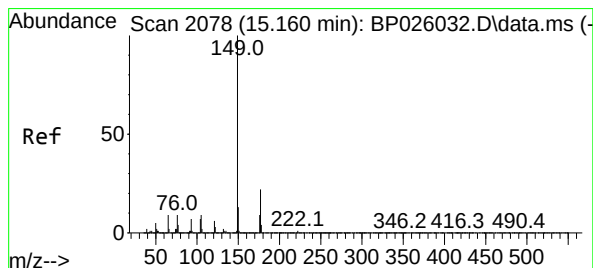
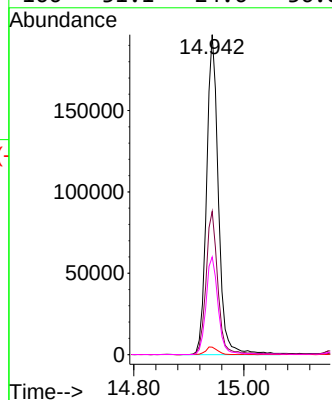
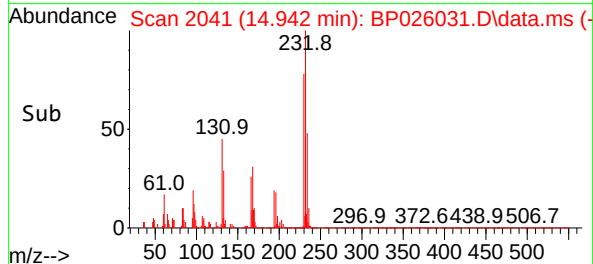
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 293495
Ion Ratio Lower Upper
232 100
131 44.9 35.2 52.8
130 2.4 1.7 2.5
166 31.1 24.6 36.8

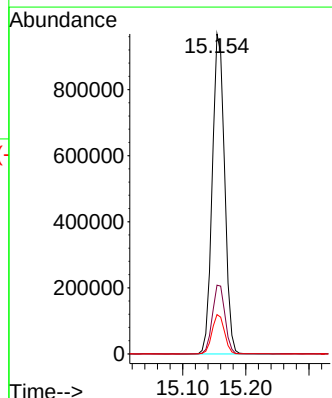
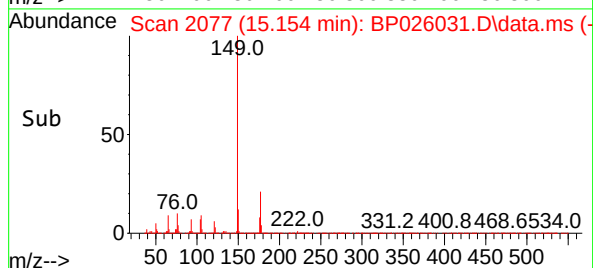
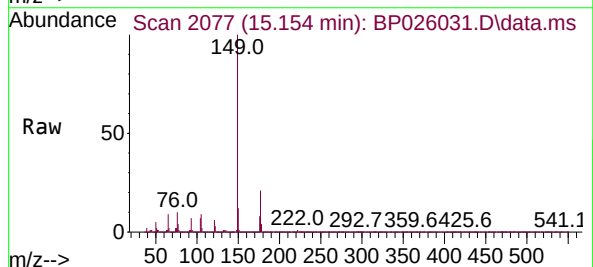
Manual Integrations
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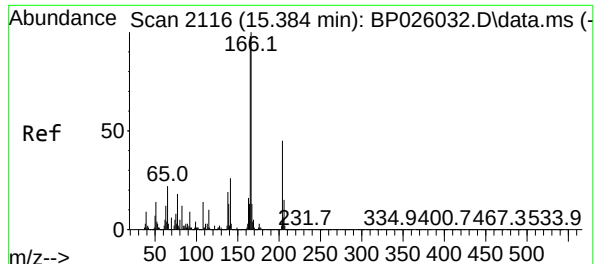
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#60
Diethylphthalate
Concen: 20.288 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

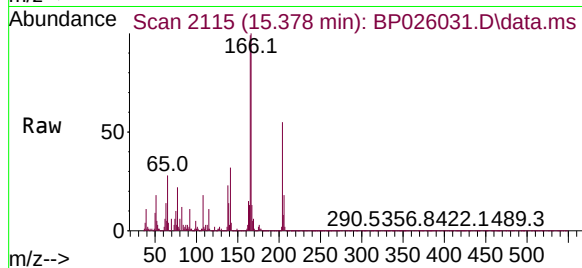
Tgt Ion:149 Resp: 1311790
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 20.656 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

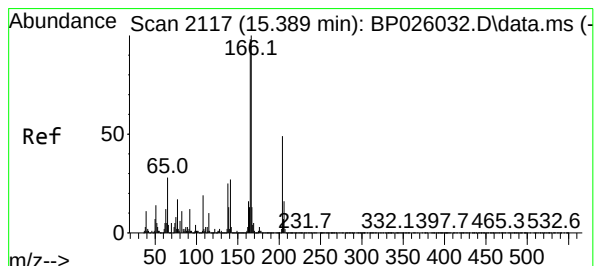
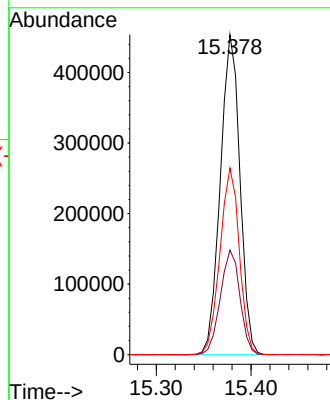
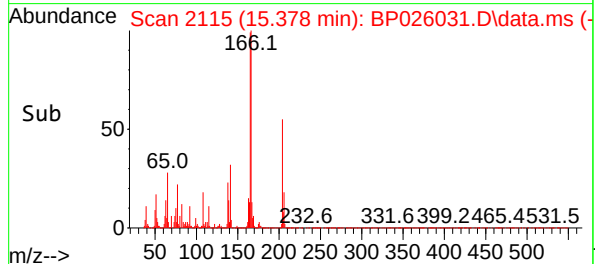
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 650778
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.3 47.0 70.4

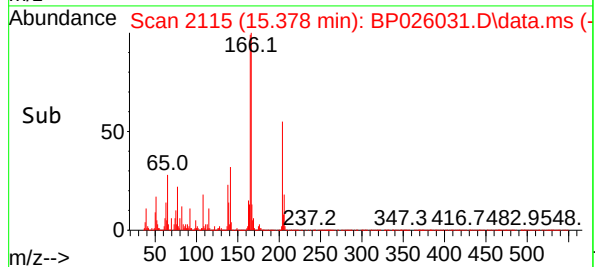
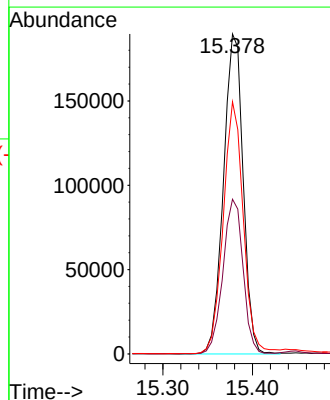
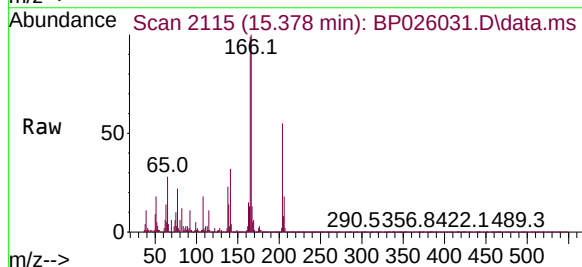
Manual Integrations
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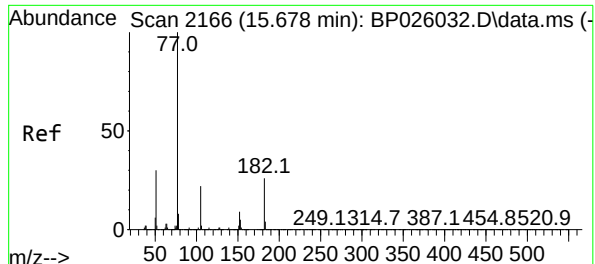
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 21.112 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

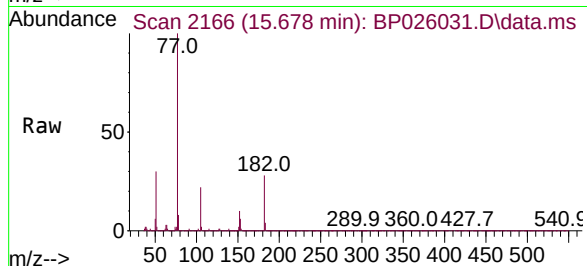
Tgt Ion:138 Resp: 290147
Ion Ratio Lower Upper
138 100
92 48.3 28.2 68.2
108 78.8 56.0 96.0





#63
Azobenzene
Concen: 20.597 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

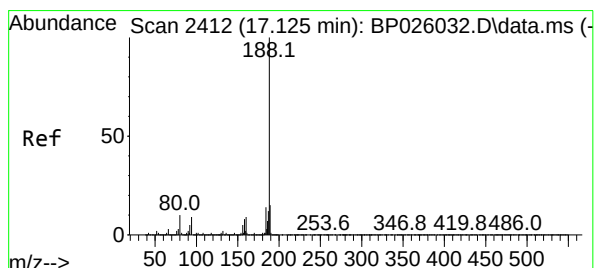
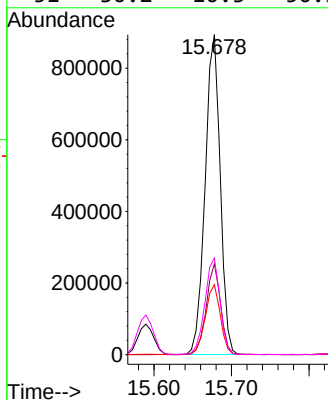
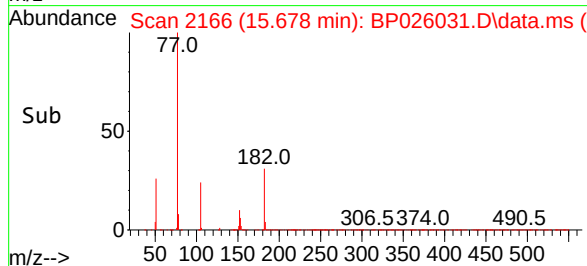
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 1206973
Ion Ratio Lower Upper
77 100
182 28.4 6.4 46.4
105 21.9 2.2 42.2
51 30.2 10.3 50.3

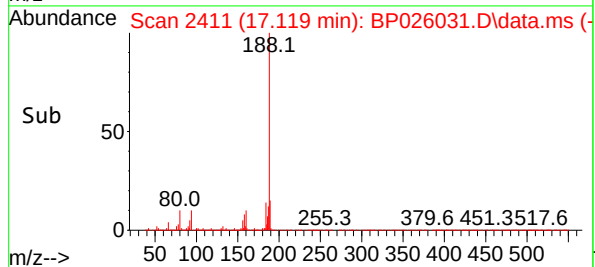
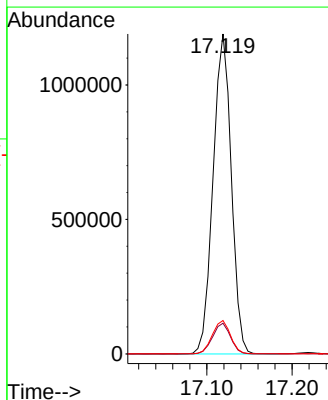
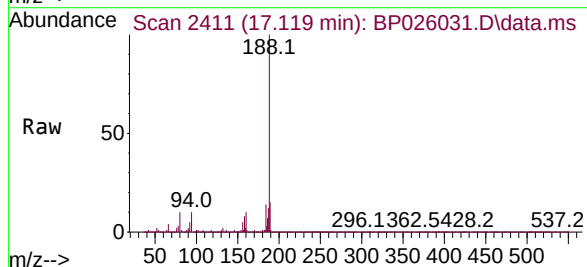
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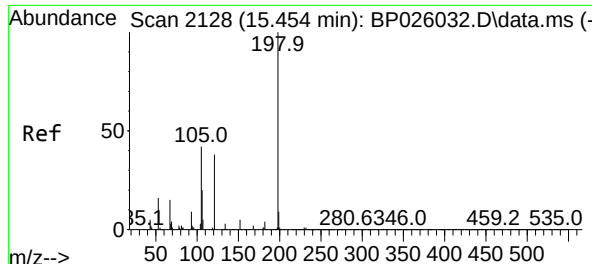
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:188 Resp: 1764983
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.4 7.9 11.9





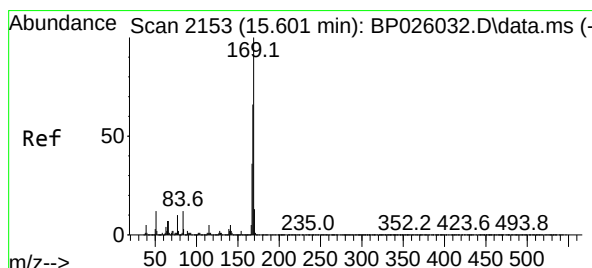
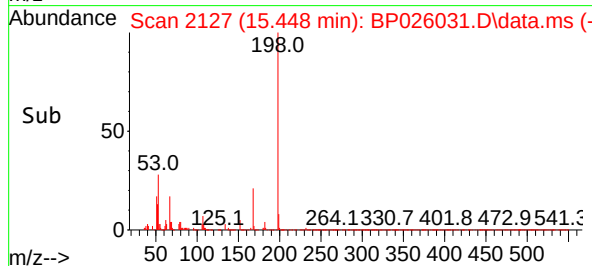
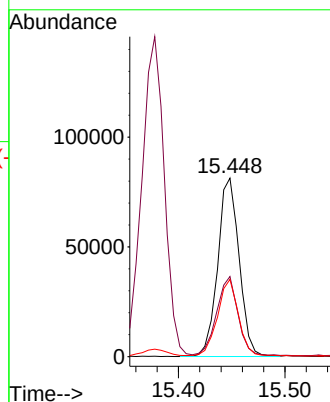
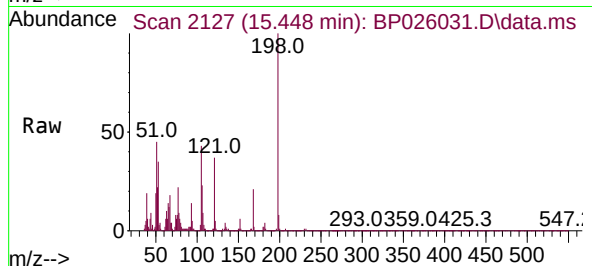
#65
4,6-Dinitro-2-methylphenol
Concen: 20.196 ng
RT: 15.448 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 11388
Ion Ratio Lower Upper
198 100
51 44.8 25.2 65.2
105 43.2 23.7 63.7

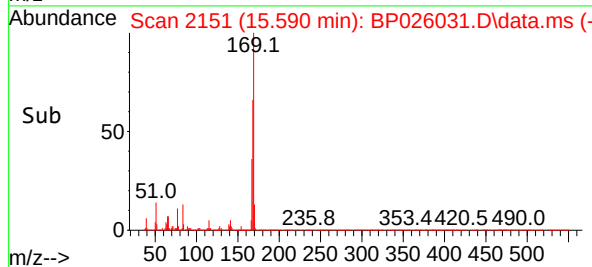
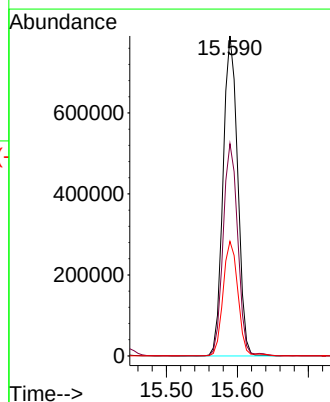
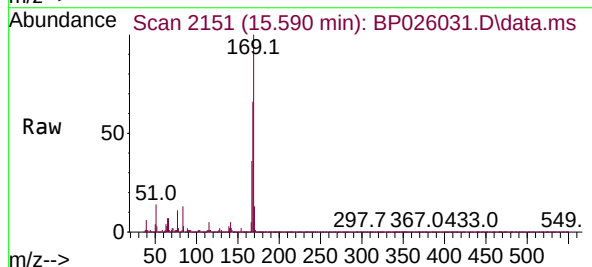
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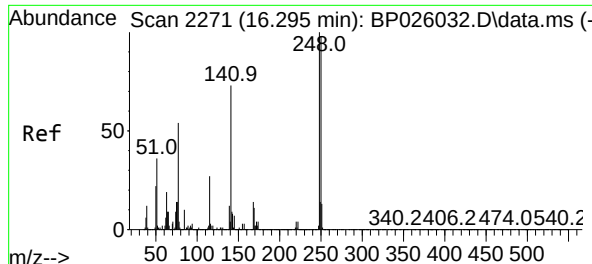
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 20.503 ng
RT: 15.590 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:169 Resp: 1131476
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 35.8 28.9 43.3





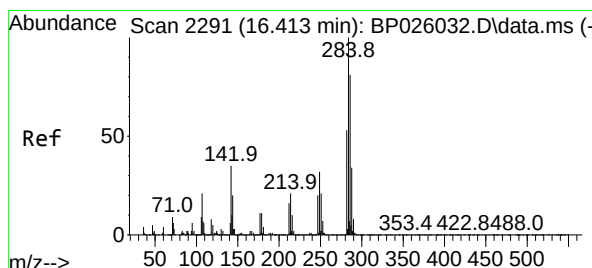
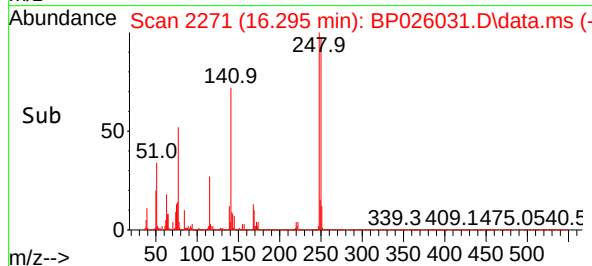
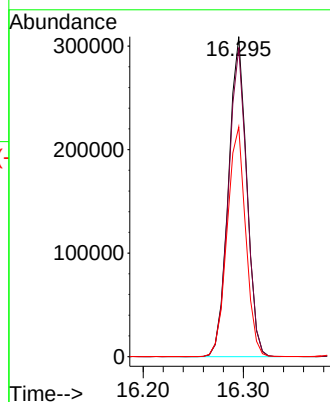
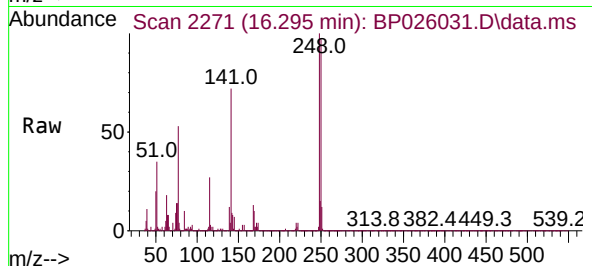
#67
4-Bromophenyl-phenylether
Concen: 19.995 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 391458
Ion Ratio Lower Upper
248 100
250 96.6 78.4 117.6
141 71.8 58.3 87.5

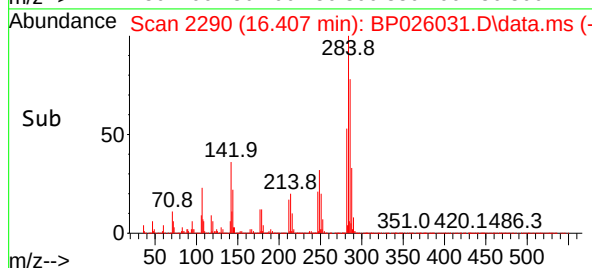
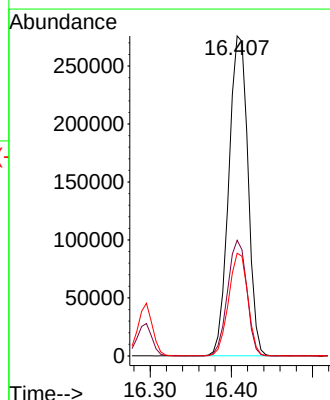
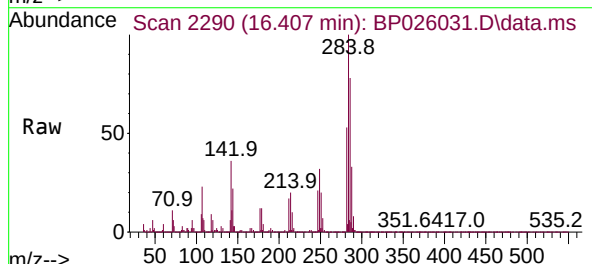
Manual Integrations
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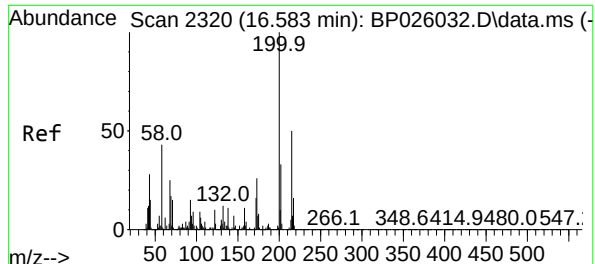
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 20.312 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:284 Resp: 452701
Ion Ratio Lower Upper
284 100
142 36.1 27.7 41.5
249 32.1 25.5 38.3





#69

Atrazine

Concen: 20.916 ng

RT: 16.572 min Scan# 2318

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 389382

Ion Ratio Lower Upper

200 100

173 27.8 6.2 46.2

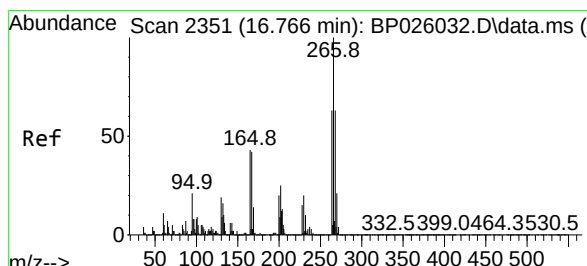
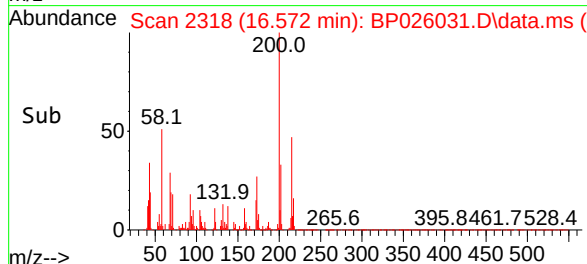
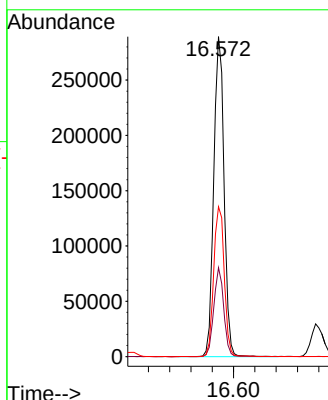
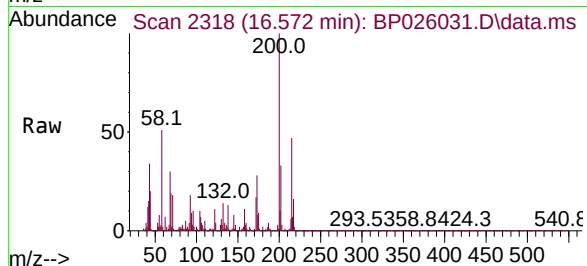
215 46.8 29.8 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 18.548 ng

RT: 16.754 min Scan# 2349

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

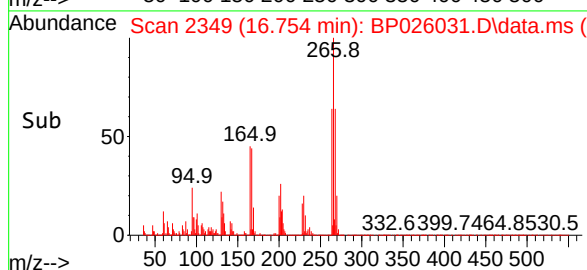
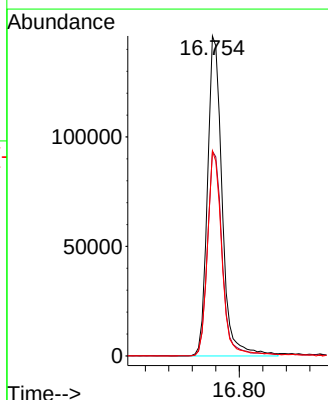
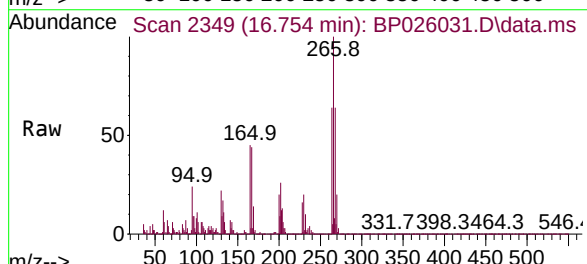
Tgt Ion:266 Resp: 252504

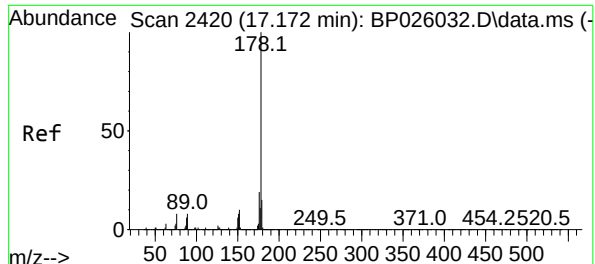
Ion Ratio Lower Upper

266 100

268 64.0 50.6 76.0

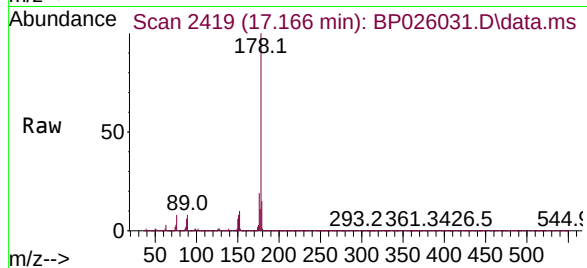
264 64.0 50.2 75.4





#71
Phenanthrene
Concen: 20.777 ng
RT: 17.166 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

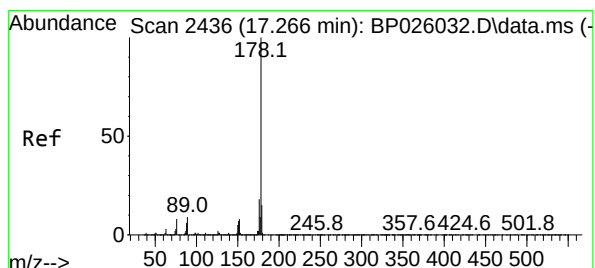
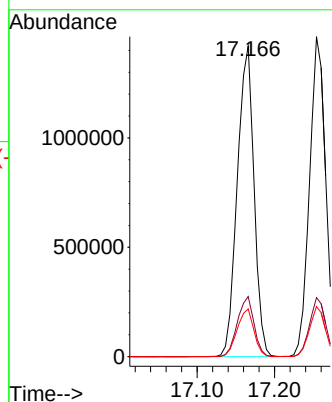
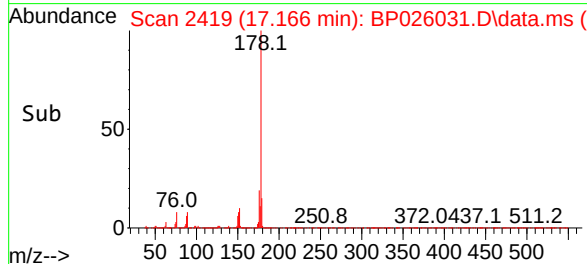
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 2134410
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.3 18.5

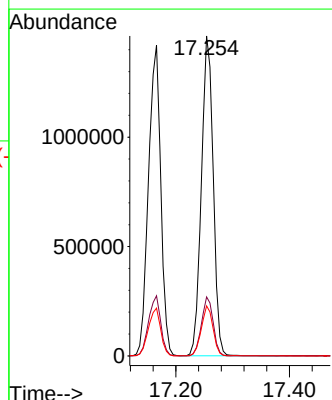
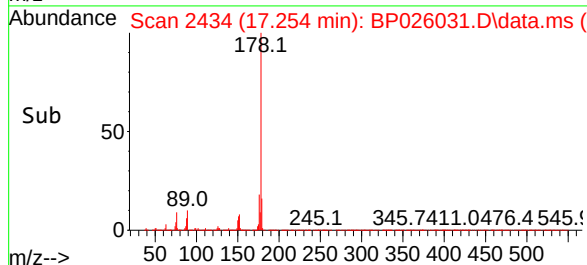
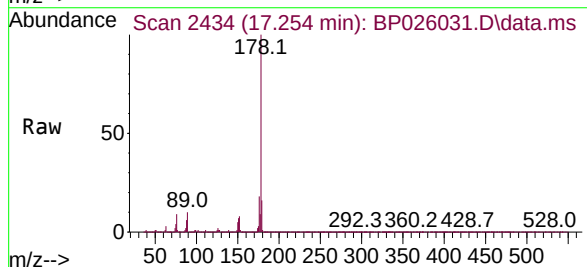
Manual Integrations
APPROVED

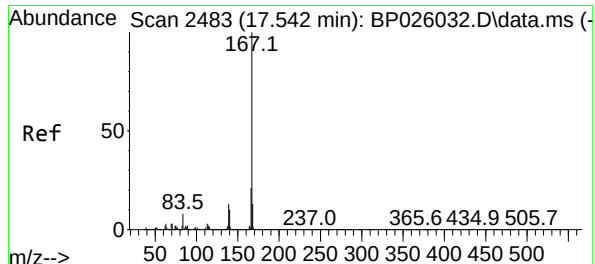
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 20.719 ng
RT: 17.254 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

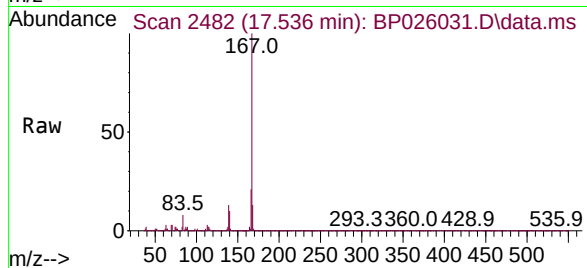
Tgt Ion:178 Resp: 2109900
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 21.318 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

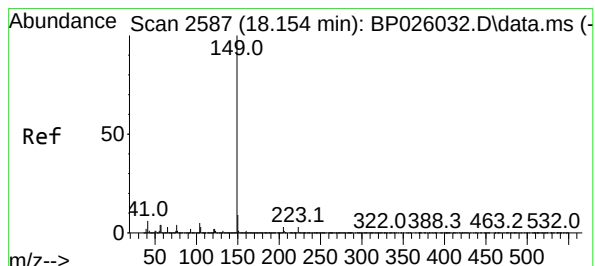
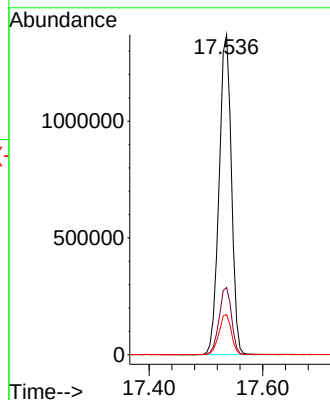
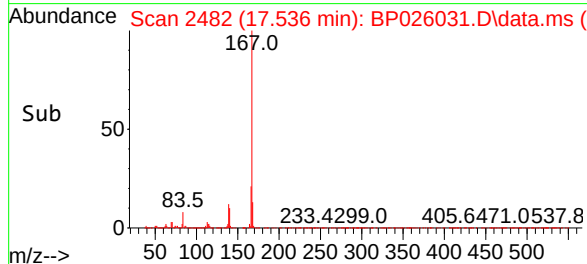
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 2054988
Ion Ratio Lower Upper
167 100
166 21.0 17.1 25.7
139 12.5 10.2 15.2

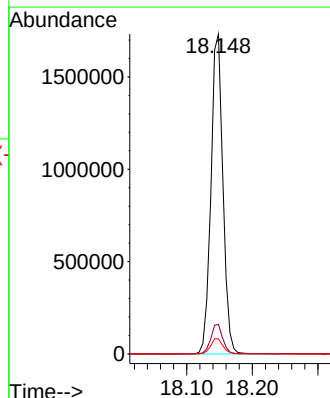
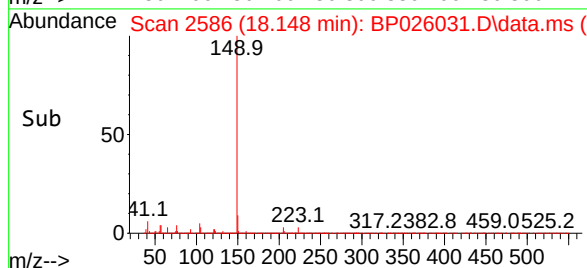
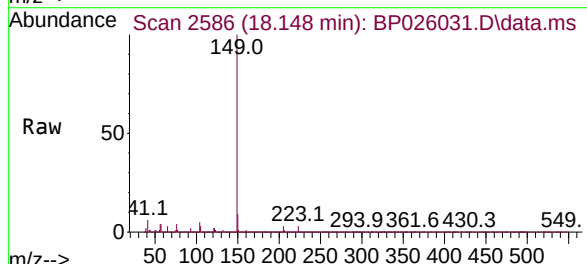
Manual Integrations
APPROVED

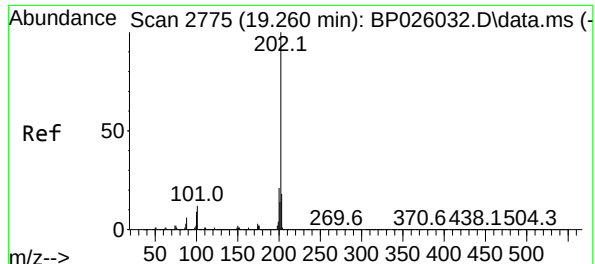
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 20.303 ng
RT: 18.148 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

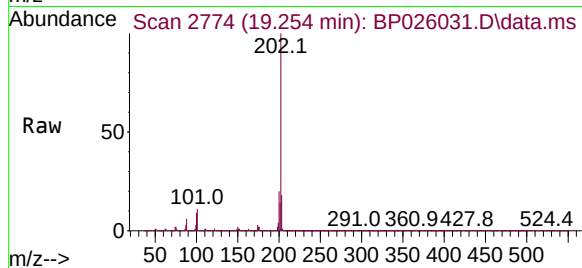
Tgt Ion:149 Resp: 2189917
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 21.002 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

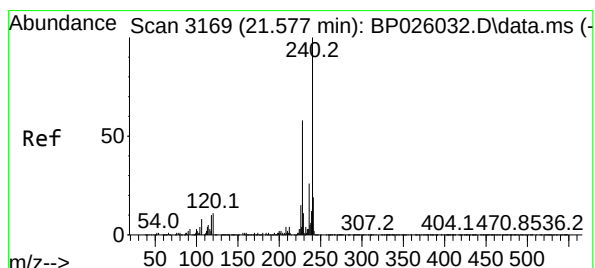
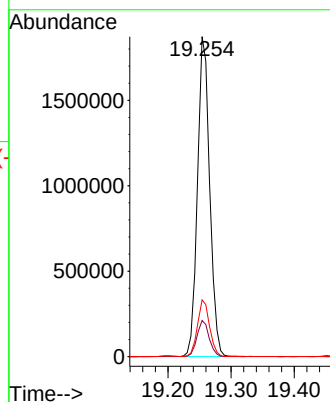
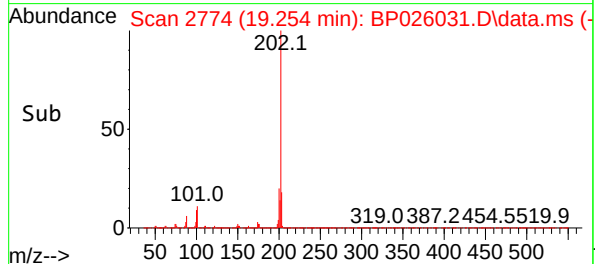
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 2516802
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.1
203 17.7 0.0 37.6

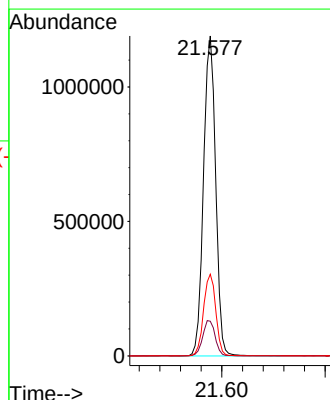
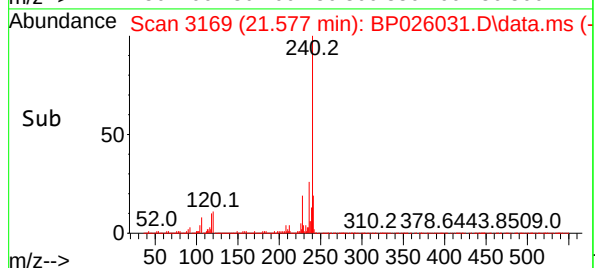
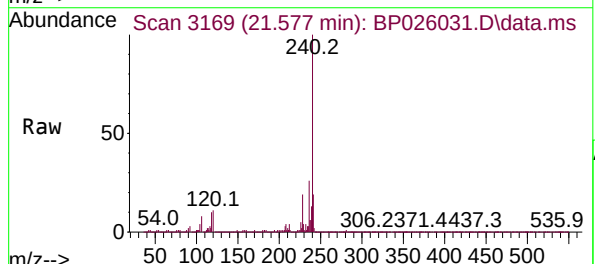
Manual Integrations
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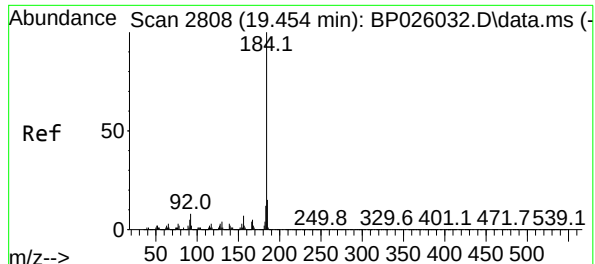
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:240 Resp: 1935916
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.5 20.6 31.0





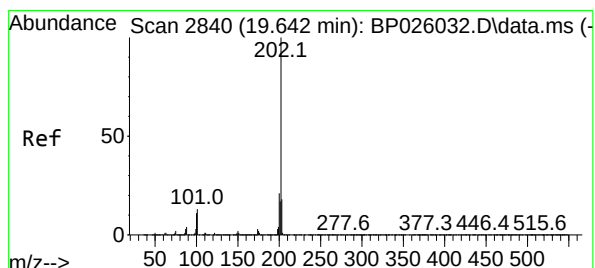
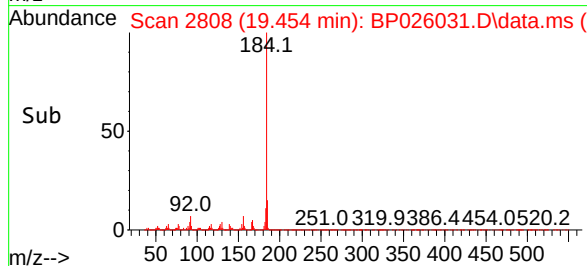
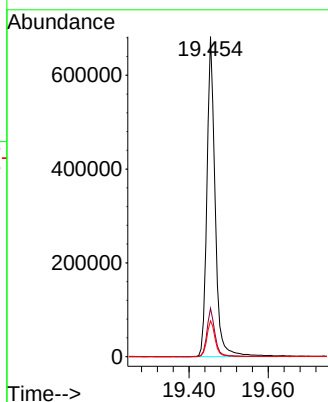
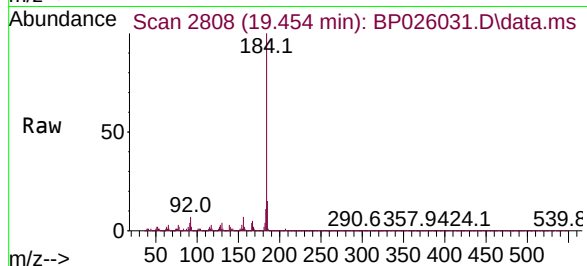
#77
Benzidine
Concen: 20.030 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 984237
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 11.2 9.2 13.8

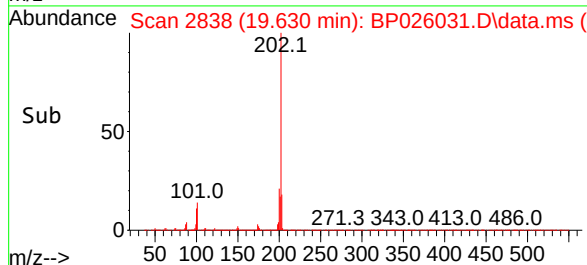
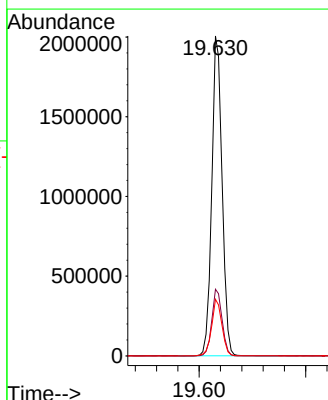
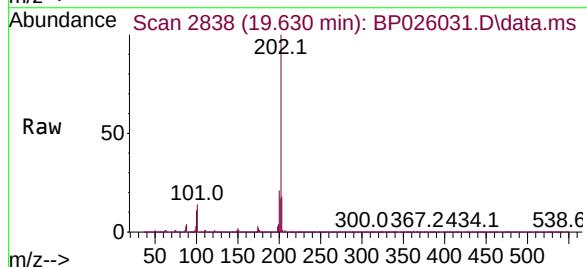
Manual Integrations
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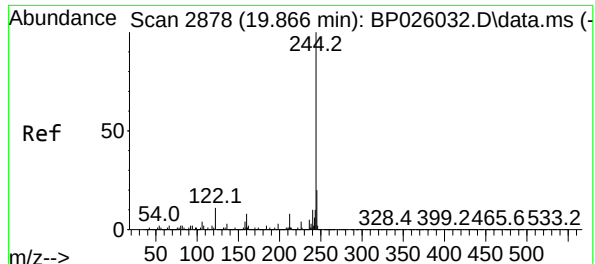
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 20.628 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

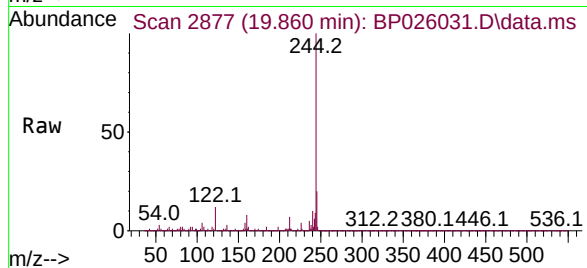
Tgt Ion:202 Resp: 2700976
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 41.147 ng
RT: 19.860 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

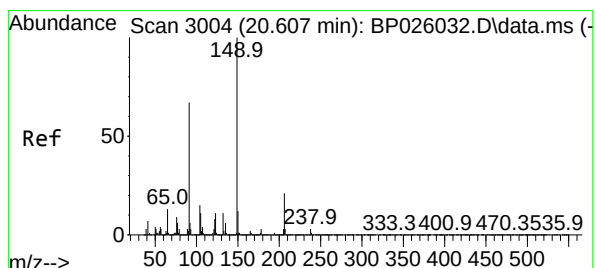
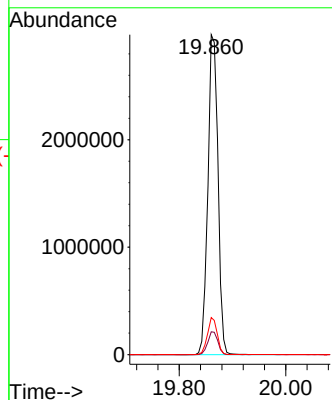
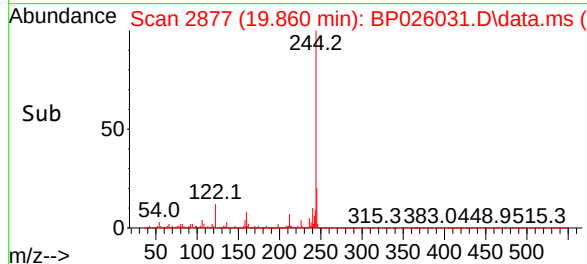
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 3920732
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 11.6 9.0 13.6

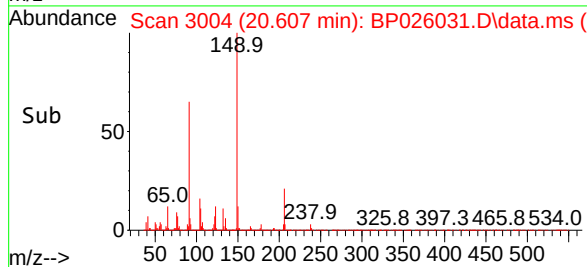
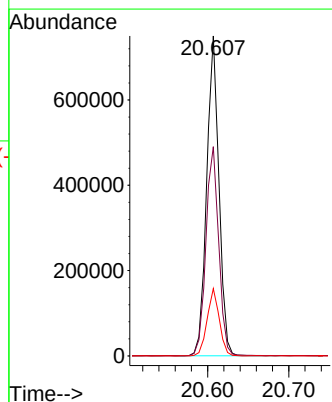
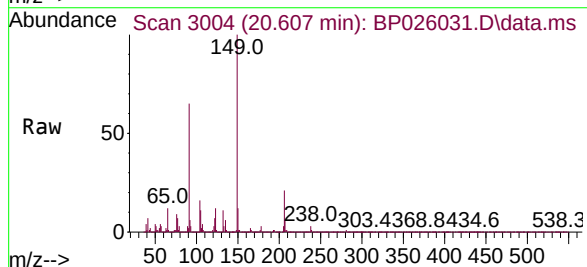
Manual Integrations
APPROVED

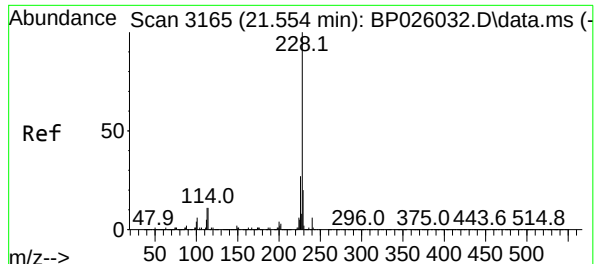
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 18.358 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

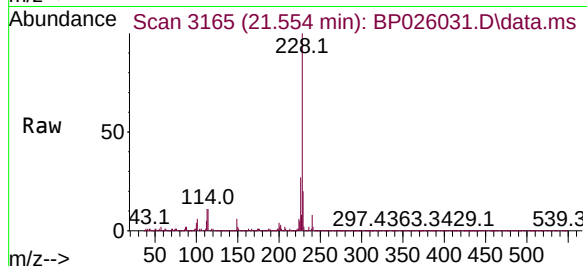
Tgt Ion:149 Resp: 787044
Ion Ratio Lower Upper
149 100
91 65.4 53.5 80.3
206 21.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 20.474 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

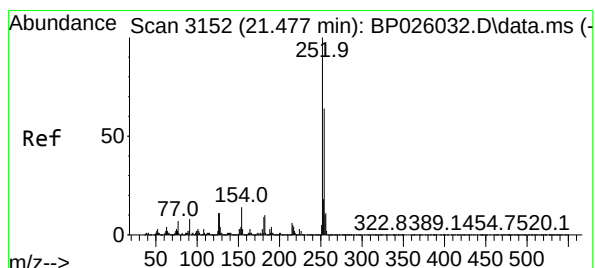
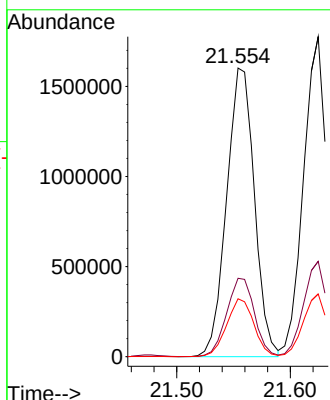
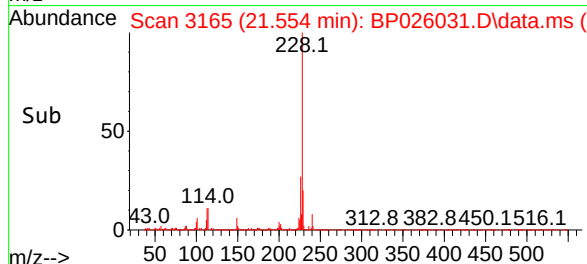
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 272371
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.1 15.8 23.8

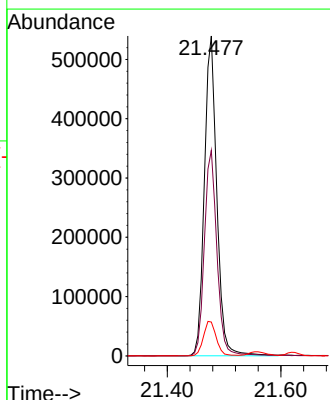
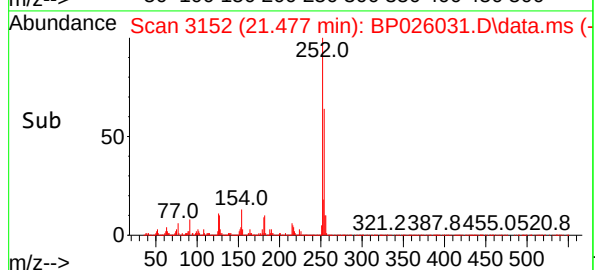
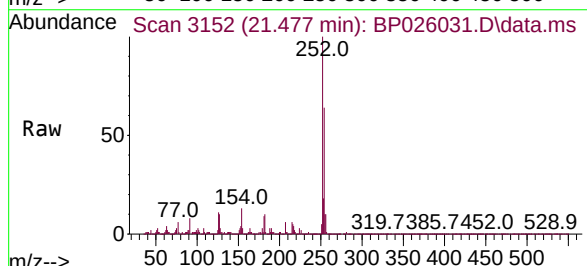
Manual Integrations
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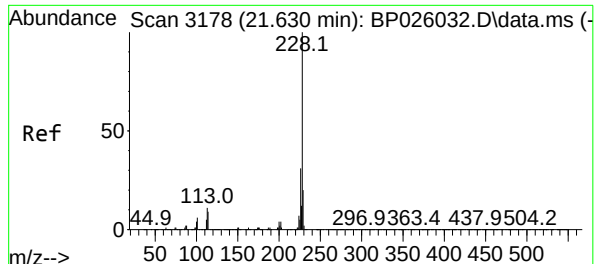
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.160 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

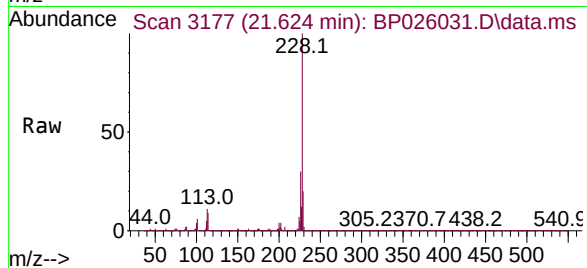
Tgt Ion:252 Resp: 821245
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 10.6 9.1 13.7





#83
Chrysene
Concen: 20.715 ng
RT: 21.624 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

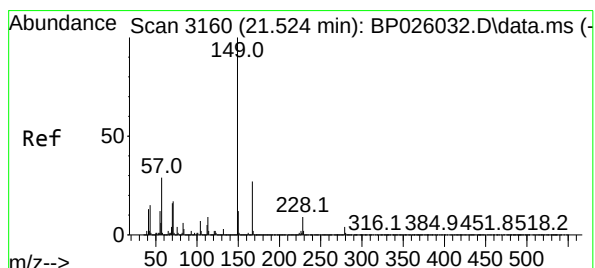
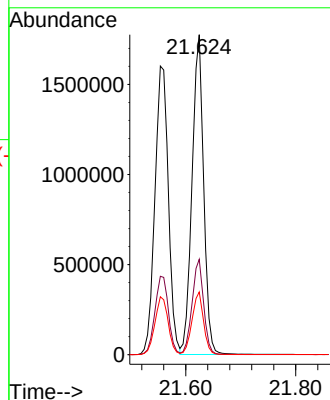
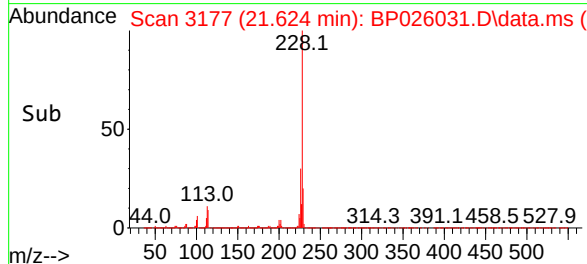
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 261044
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.6 16.0 24.0

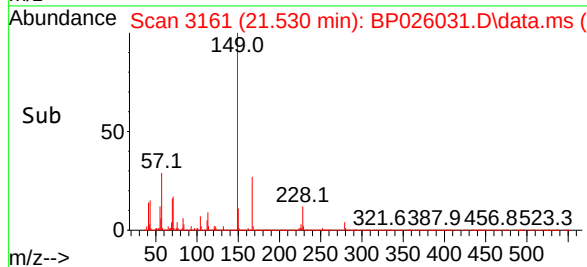
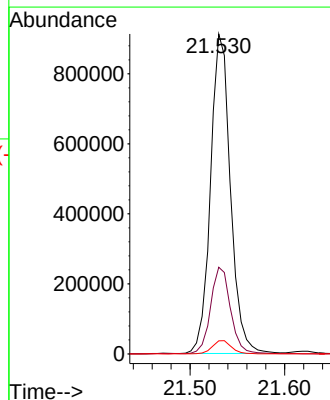
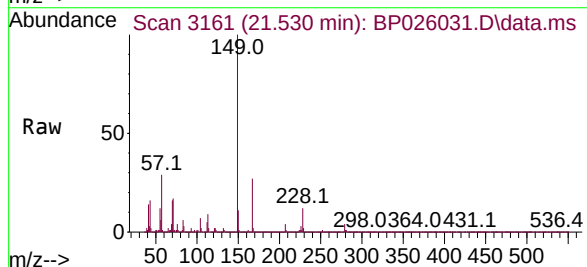
Manual Integrations
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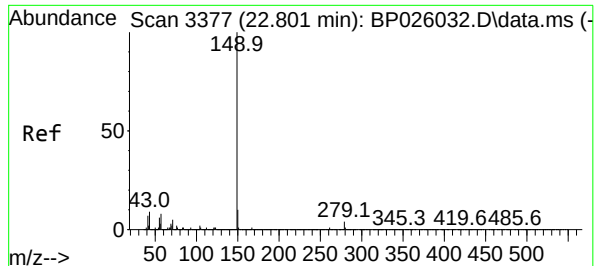
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.694 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

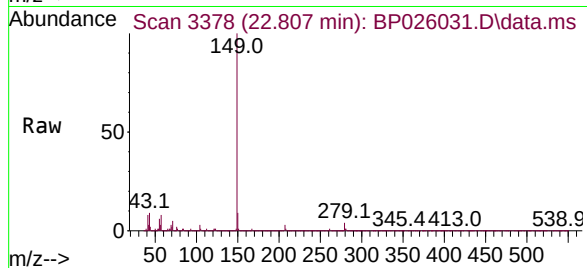
Tgt Ion:149 Resp: 1336224
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 17.224 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

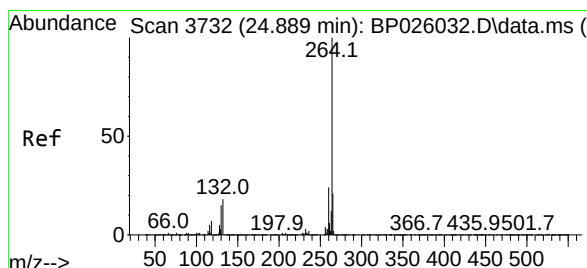
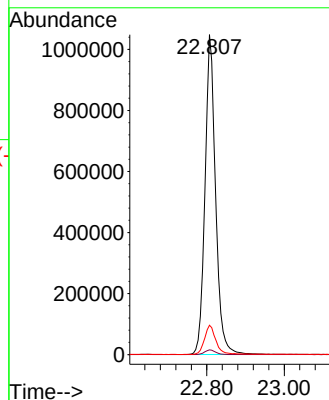
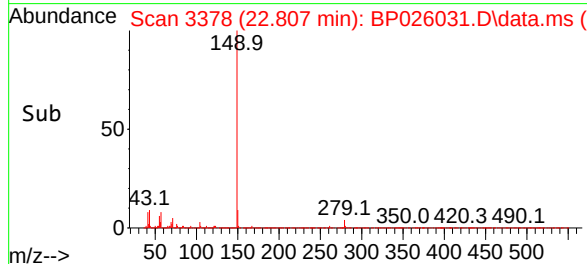
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1984874
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 7.6 11.4

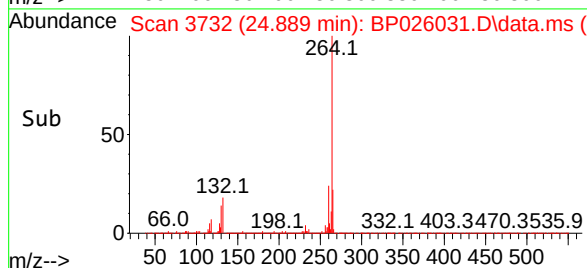
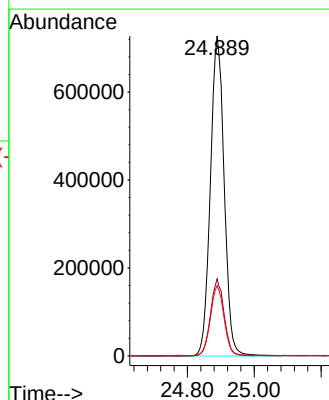
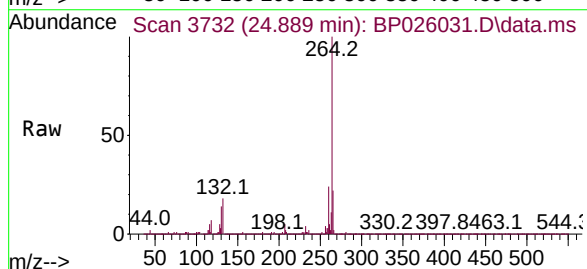
Manual Integrations
APPROVED

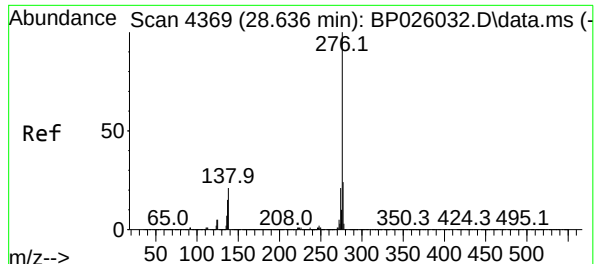
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

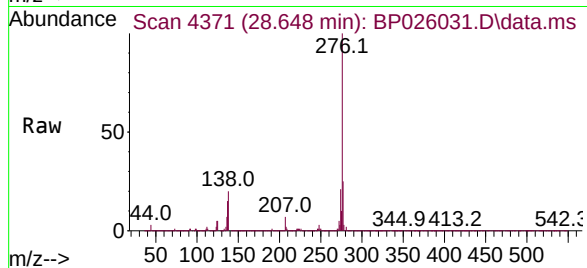
Tgt Ion:264 Resp: 2082873
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.0 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.856 ng m
RT: 28.648 min Scan# 4369
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

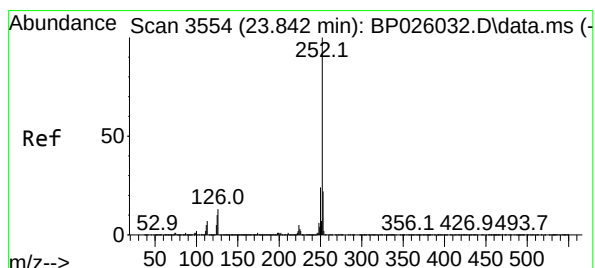
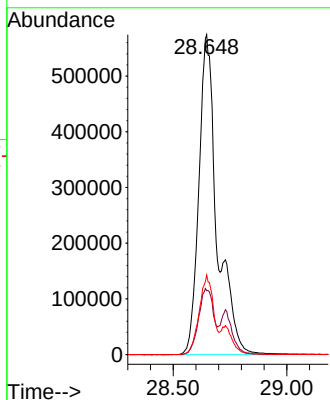
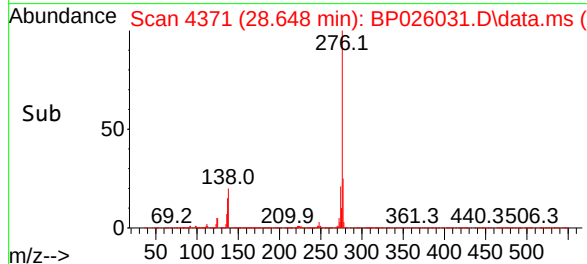
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 3205879
Ion Ratio Lower Upper
276 100
138 17.0 13.2 19.8
277 19.4 16.3 24.5

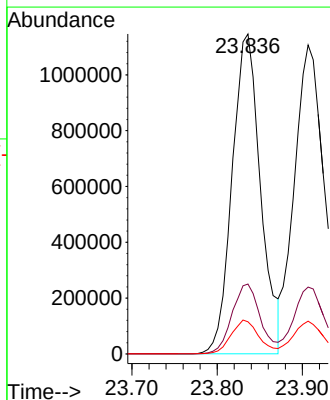
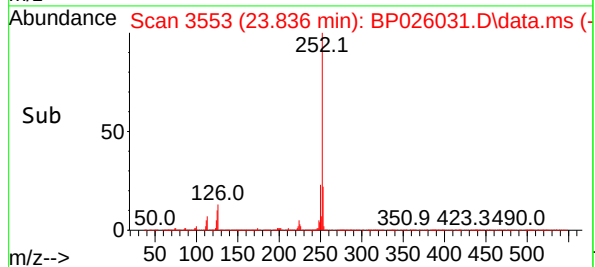
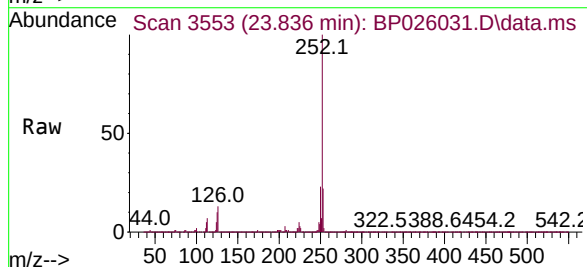
Manual Integrations
APPROVED

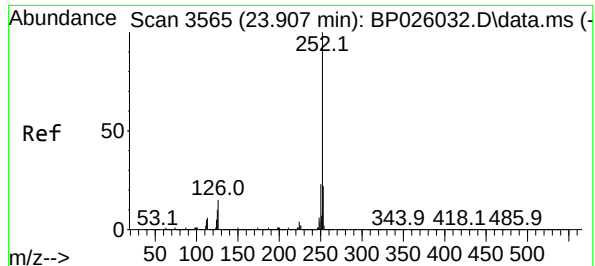
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 20.584 ng
RT: 23.836 min Scan# 3553
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 252 Resp: 2661543
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 20.602 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.017 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 2720350

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

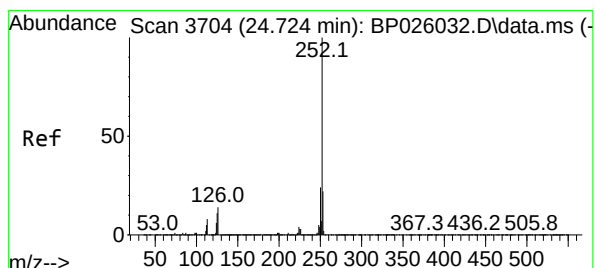
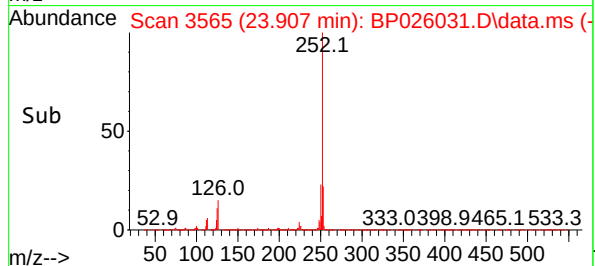
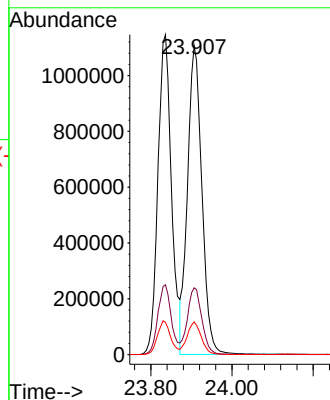
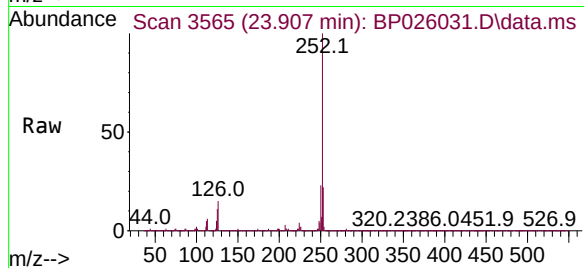
125 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 20.541 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

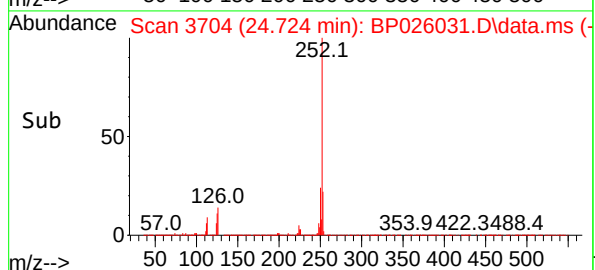
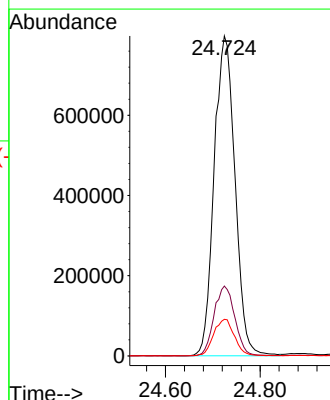
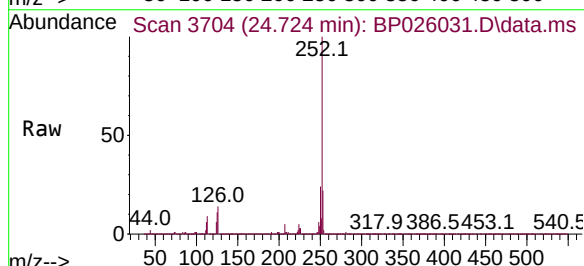
Tgt Ion:252 Resp: 2440075

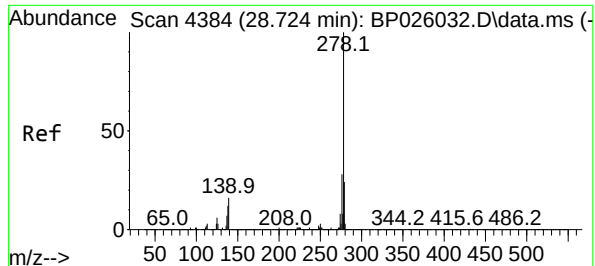
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

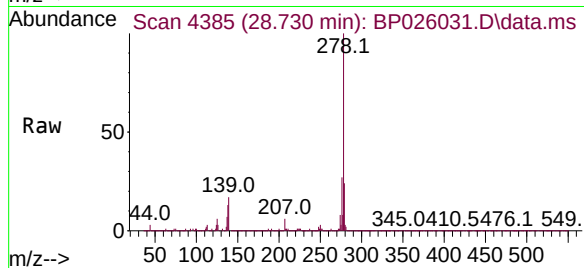
125 11.4 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 20.785 ng
RT: 28.730 min Scan# 4384
Delta R.T. -0.017 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

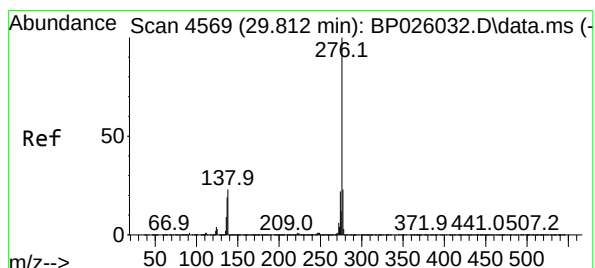
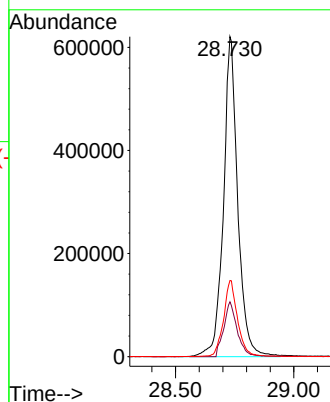
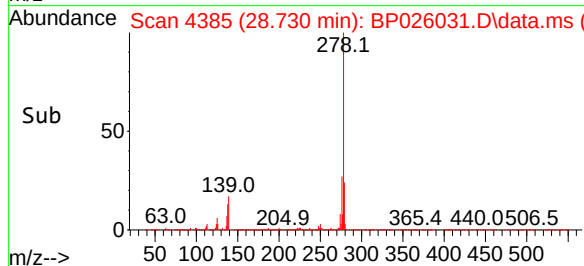
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 2601046
Ion Ratio Lower Upper
278 100
139 17.1 13.0 19.6
279 23.8 18.9 28.3

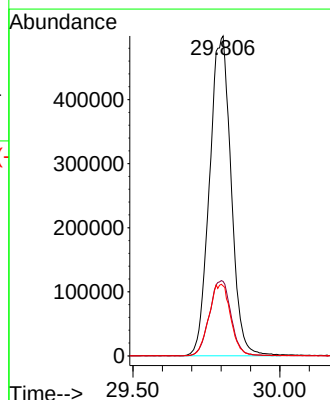
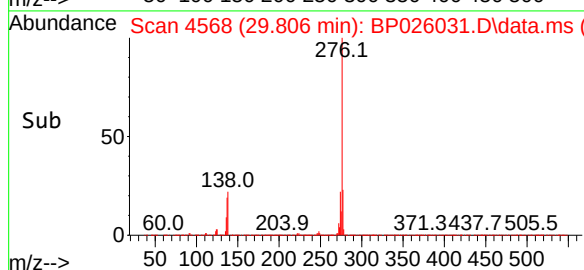
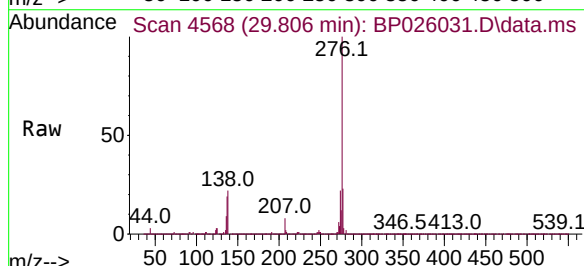
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 21.078 ng
RT: 29.806 min Scan# 4568
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:276 Resp: 2538211
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 21.9 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026032.D
 Acq On : 29 Oct 2025 12:10
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	293060	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1204929	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	764236	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1555861	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1646604	20.000	ng	0.01
86) Perylene-d12	24.889	264	1760712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1464250	82.445	ng	0.00
7) Phenol-d6	6.855	99	1882712	83.286	ng	0.00
23) Nitrobenzene-d5	8.825	82	1630132	84.339	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	722838	87.488	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4342634	81.651	ng	-0.01
79) Terphenyl-d14	19.866	244	6676375	82.377	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	302066	40.344	ng	100
3) Pyridine	3.625	79	867862	40.775	ng	100
4) n-Nitrosodimethylamine	3.537	42	342452	40.144	ng	100
6) Aniline	7.019	93	1237729	41.026	ng	100
8) 2-Chlorophenol	7.255	128	822579	41.826	ng	100
9) Benzaldehyde	6.831	77	474239	40.357	ng	100
10) Phenol	6.884	94	1039468	41.420	ng	100
11) bis(2-Chloroethyl)ether	7.119	93	804729	40.632	ng	100
12) 1,3-Dichlorobenzene	7.578	146	921791	40.813	ng	100
13) 1,4-Dichlorobenzene	7.719	146	925177	40.514	ng	100
14) 1,2-Dichlorobenzene	8.031	146	888039	40.753	ng	100
15) Benzyl Alcohol	7.913	79	668211	41.003	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1230074	41.095	ng	100
17) 2-Methylphenol	8.113	107	688795	41.915	ng	100
18) Hexachloroethane	8.760	117	323386	41.385	ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	601712	42.881	ng	100
20) 3+4-Methylphenols	8.437	107	945490	41.358	ng	100
22) Acetophenone	8.490	105	1247543	40.939	ng	100
24) Nitrobenzene	8.866	77	859810	42.132	ng	100
25) Isophorone	9.390	82	1734781	41.932	ng	100
26) 2-Nitrophenol	9.566	139	308209	41.419	ng	100
27) 2,4-Dimethylphenol	9.631	122	728530	41.876	ng	100
28) bis(2-Chloroethoxy)met...	9.866	93	1076336	41.282	ng	100
29) 2,4-Dichlorophenol	10.101	162	788938	42.949	ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	817950	40.968	ng	100
31) Naphthalene	10.501	128	2686976	40.893	ng	100
32) Benzoic acid	9.743	122	404584	40.754	ng	100
33) 4-Chloroaniline	10.601	127	1052918	41.701	ng	100
34) Hexachlorobutadiene	10.801	225	520749	41.043	ng	100
35) Caprolactam	11.360	113	271877	42.147	ng	100
36) 4-Chloro-3-methylphenol	11.731	107	831835	43.198	ng	100
37) 2-Methylnaphthalene	12.119	142	1916037	41.663	ng	100
38) 1-Methylnaphthalene	12.337	142	1850373	41.416	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	966620	40.707	ng	100
41) Hexachlorocyclopentadiene	12.478	237	361557	41.615	ng	100
43) 2,4,6-Trichlorophenol	12.725	196	614032	43.748	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026032.D
 Acq On : 29 Oct 2025 12:10
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

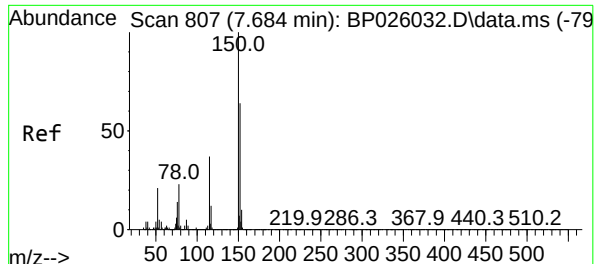
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	697254	43.536	ng	100
46) 1,1'-Biphenyl	13.137	154	2384975	40.756	ng	100
47) 2-Chloronaphthalene	13.172	162	1878852	40.808	ng	100
48) 2-Nitroaniline	13.372	65	464490	40.401	ng	100
49) Acenaphthylene	14.031	152	2800152	41.727	ng	100
50) Dimethylphthalate	13.772	163	2326622	41.854	ng	100
51) 2,6-Dinitrotoluene	13.878	165	402854	39.911	ng	100
52) Acenaphthene	14.378	154	1909071	41.440	ng	100
53) 3-Nitroaniline	14.207	138	495409	40.022	ng	100
54) 2,4-Dinitrophenol	14.413	184	153212	40.475	ng	100
55) Dibenzofuran	14.719	168	2856737	41.043	ng	100
56) 4-Nitrophenol	14.519	139	436072	39.340	ng	100
57) 2,4-Dinitrotoluene	14.672	165	600497	40.877	ng	100
58) Fluorene	15.384	166	2216283	40.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	556750	44.213	ng	100
60) Diethylphthalate	15.160	149	2367180	42.357	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	1116700	41.008	ng	100
62) 4-Nitroaniline	15.389	138	522724	44.005	ng	100
63) Azobenzene	15.678	77	2107059	41.601	ng	100
65) 4,6-Dinitro-2-methylph...	15.454	198	237899	39.981	ng	100
66) n-Nitrosodiphenylamine	15.601	169	2012448	41.369	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	710184	41.150	ng	100
68) Hexachlorobenzene	16.413	284	801740	40.808	ng	100
69) Atrazine	16.583	200	681323	41.518	ng	100
70) Pentachlorophenol	16.766	266	499791	41.647	ng	100
71) Phenanthrene	17.172	178	3699137	40.848	ng	100
72) Anthracene	17.266	178	3661573	40.790	ng	100
73) Carbazole	17.542	167	3513761	41.351	ng	100
74) Di-n-butylphthalate	18.154	149	4146570	43.610	ng	100
75) Fluoranthene	19.260	202	4389430	41.552	ng	100
77) Benzidine	19.454	184	1702883	40.744	ng	100
78) Pyrene	19.642	202	4699012	42.194	ng	100
80) Butylbenzylphthalate	20.607	149	1633601	39.905	ng	100
81) Benzo(a)anthracene	21.554	228	4675082	41.317	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	1520065	41.695	ng	100
83) Chrysene	21.630	228	4430345	41.334	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	2729269	41.098	ng	100
85) Di-n-octyl phthalate	22.801	149	4237623	43.233	ng	100
87) Indeno(1,2,3-cd)pyrene	28.636	276	5507457	42.386	ng	100
88) Benzo(b)fluoranthene	23.842	252	4599800	42.083	ng	100
89) Benzo(k)fluoranthene	23.907	252	4686005	41.983	ng	100
90) Benzo(a)pyrene	24.724	252	4261972	42.443	ng	100
91) Dibenzo(a,h)anthracene	28.724	278	4484851	42.397	ng	100
92) Benzo(g,h,i)perylene	29.812	276	4266684	41.915	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

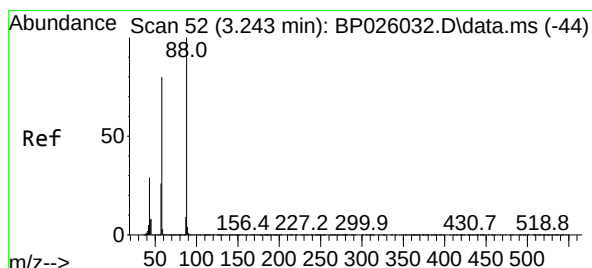
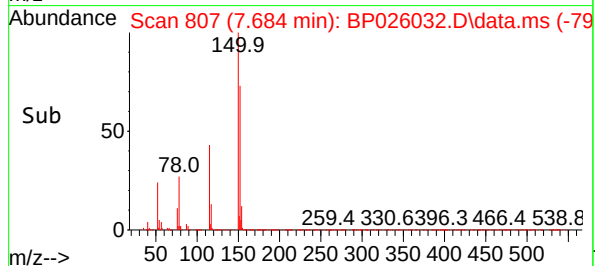
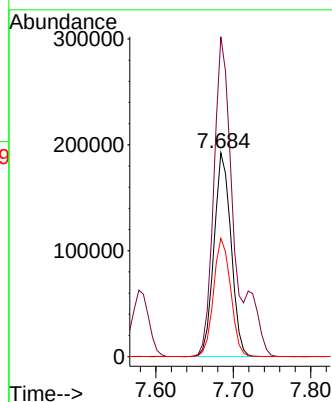
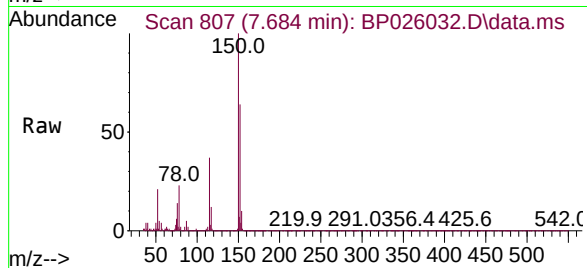
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

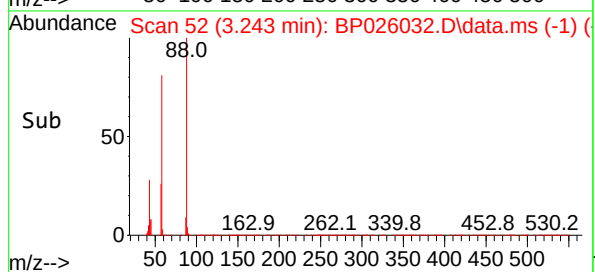
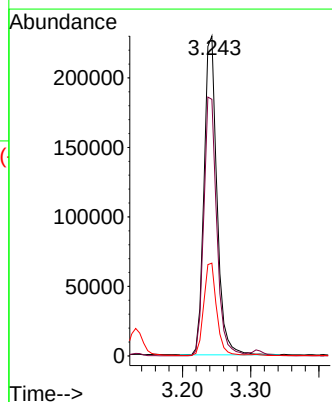
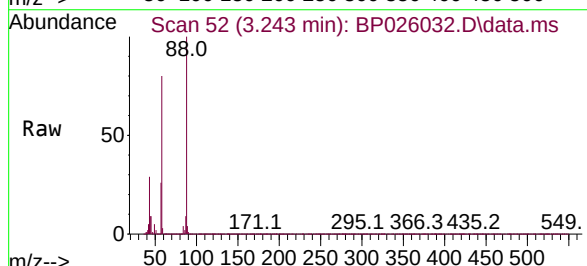
Instrument :
BNA_P
ClientSampleId :
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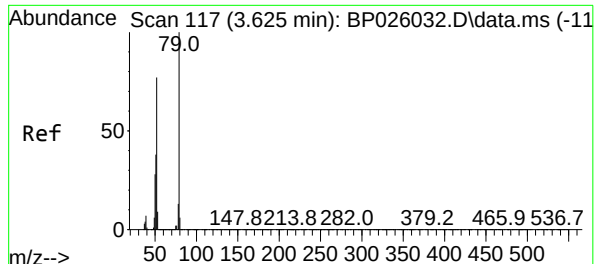
Tgt Ion:152 Resp: 293060
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 58.0 46.4 69.6



#2
1,4-Dioxane
Concen: 40.344 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 88 Resp: 302066
Ion Ratio Lower Upper
88 100
58 81.7 65.4 98.0
43 28.9 23.1 34.7





#3

Pyridine

Concen: 40.775 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

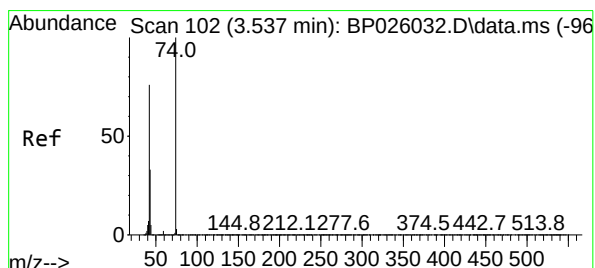
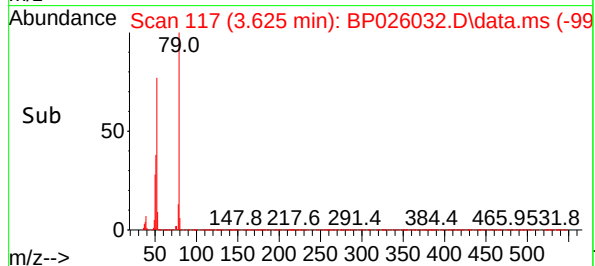
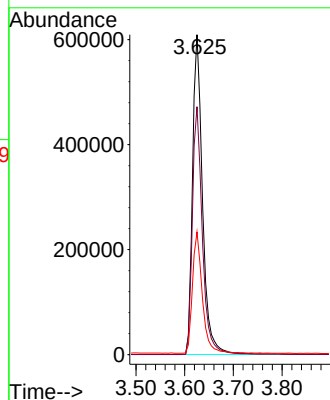
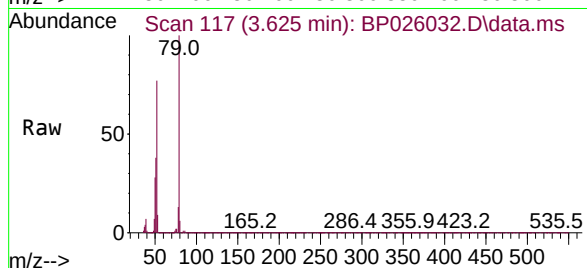
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 867862

Ion	Ratio	Lower	Upper
79	100		
52	77.5	62.0	93.0
51	38.3	30.6	46.0



#4

n-Nitrosodimethylamine

Concen: 40.144 ng

RT: 3.537 min Scan# 102

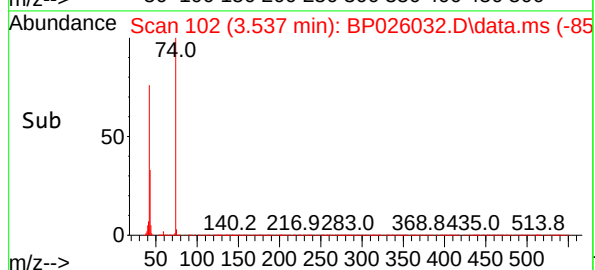
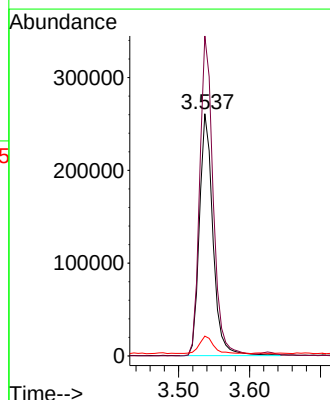
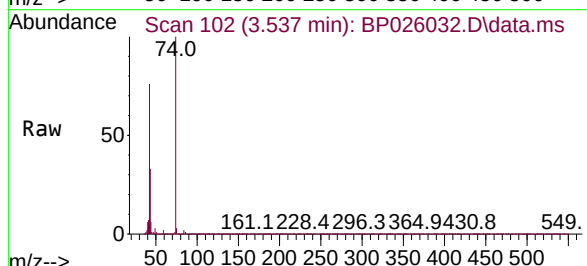
Delta R.T. 0.000 min

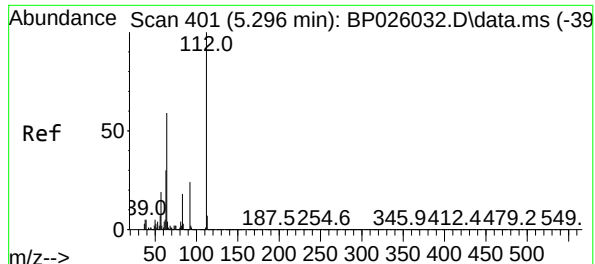
Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion: 42 Resp: 342452

Ion	Ratio	Lower	Upper
42	100		
74	132.1	105.7	158.5
44	8.2	6.6	9.8

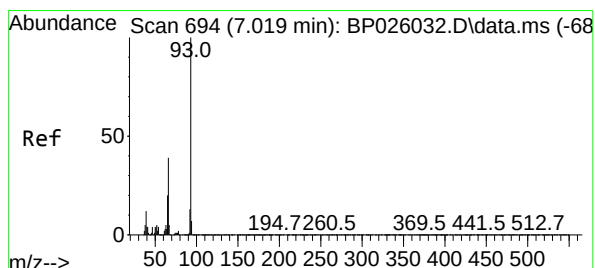
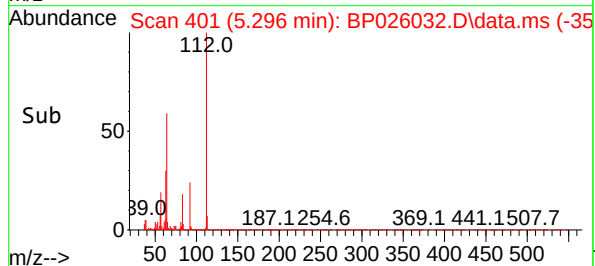
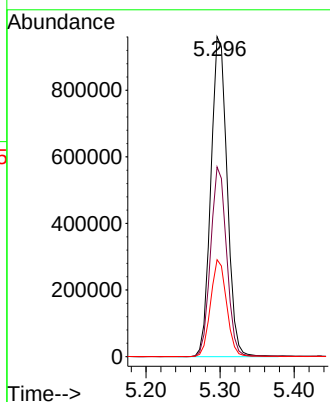
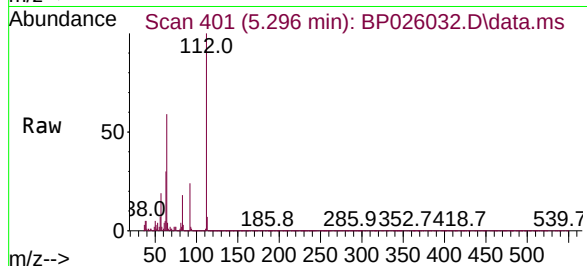




#5
2-Fluorophenol
Concen: 82.445 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

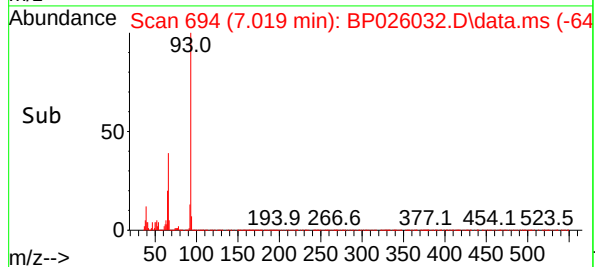
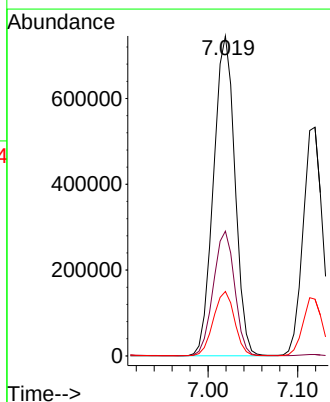
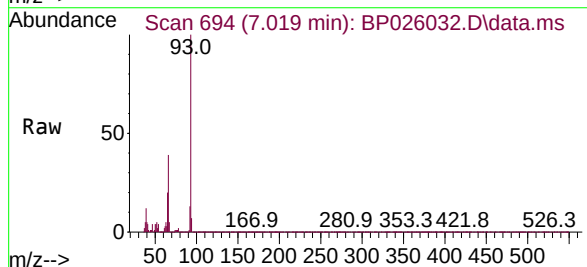
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

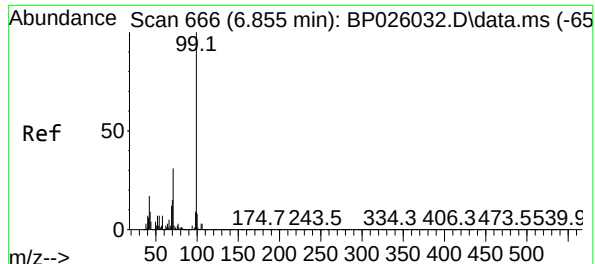
Tgt Ion:112 Resp: 1464250
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.2
63 30.3 24.2 36.4



#6
Aniline
Concen: 41.026 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 93 Resp: 1237729
Ion Ratio Lower Upper
93 100
66 39.0 31.2 46.8
65 20.1 16.1 24.1

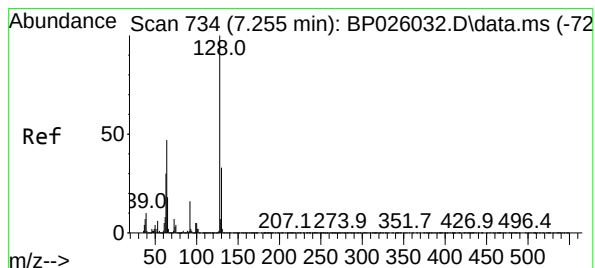
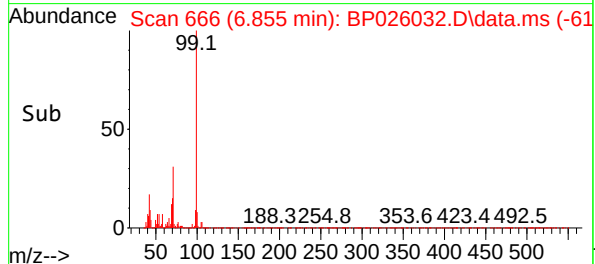
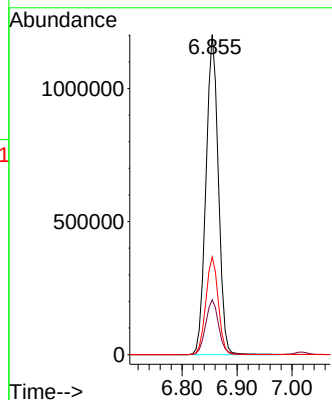
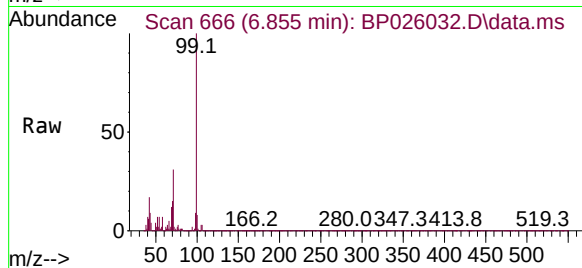




#7
Phenol-d6
Concen: 83.286 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

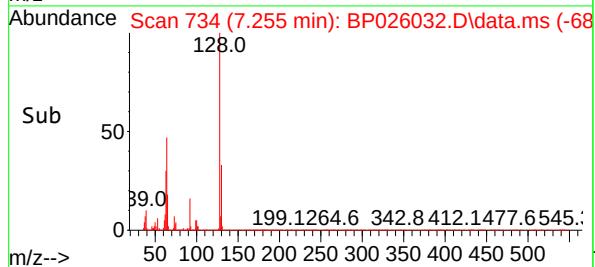
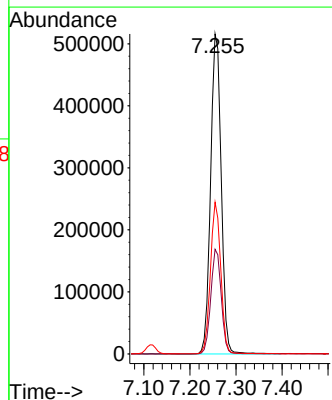
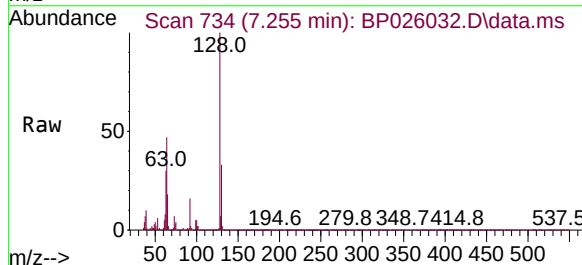
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

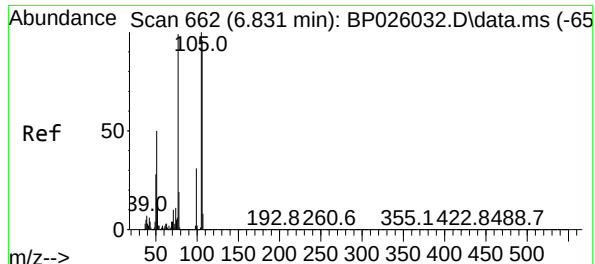
Tgt Ion: 99 Resp: 1882712
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 30.5 24.4 36.6



#8
2-Chlorophenol
Concen: 41.826 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 128 Resp: 822579
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 47.4 27.4 67.4

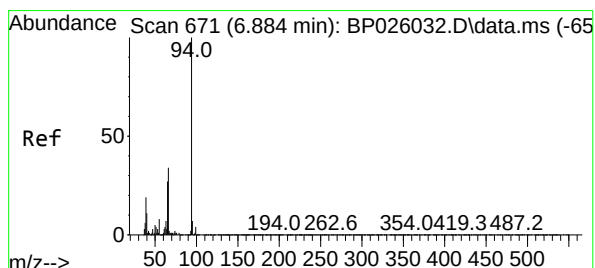
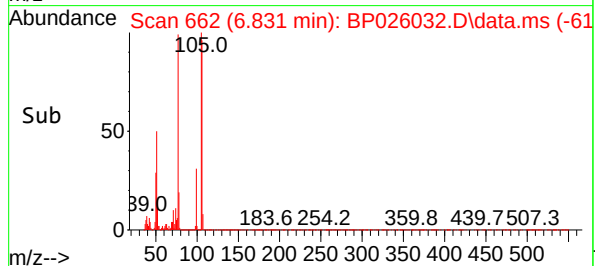
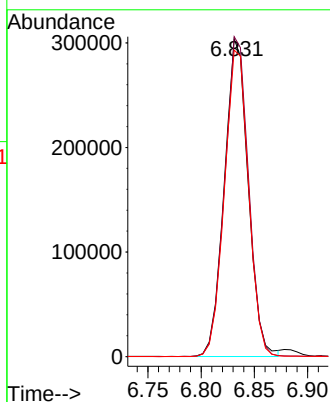
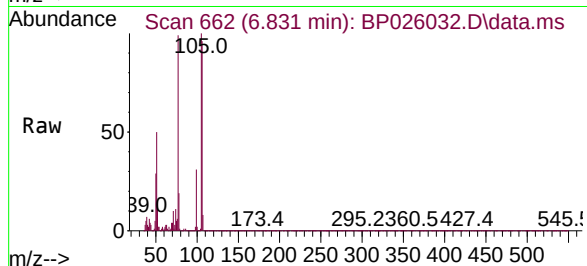




#9
Benzaldehyde
Concen: 40.357 ng
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

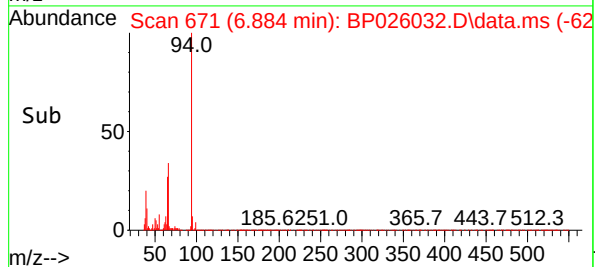
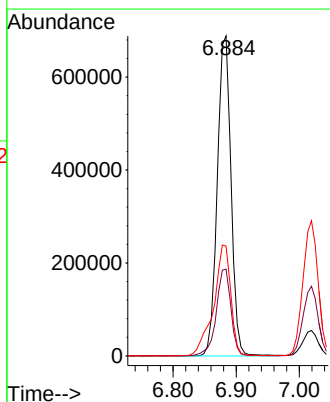
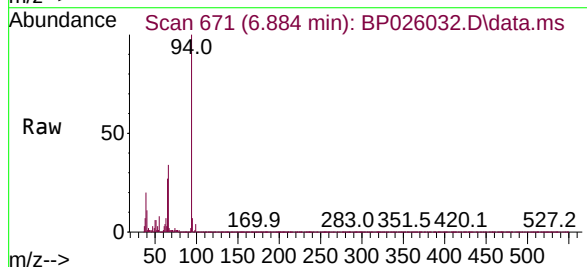
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

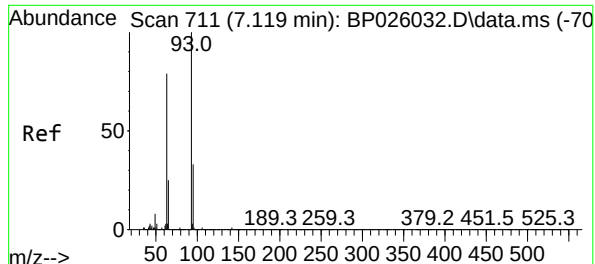
Tgt Ion: 77 Resp: 474239
Ion Ratio Lower Upper
77 100
105 100.7 80.7 120.7
106 96.5 76.5 116.5



#10
Phenol
Concen: 41.420 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 94 Resp: 1039468
Ion Ratio Lower Upper
94 100
65 27.1 7.1 47.1
66 34.4 14.4 54.4

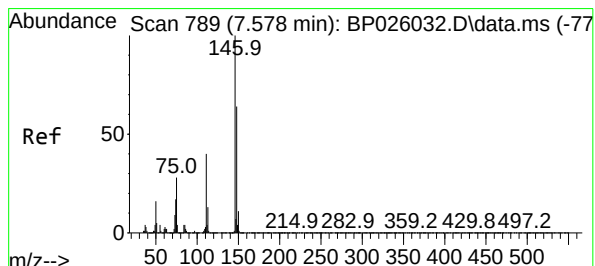
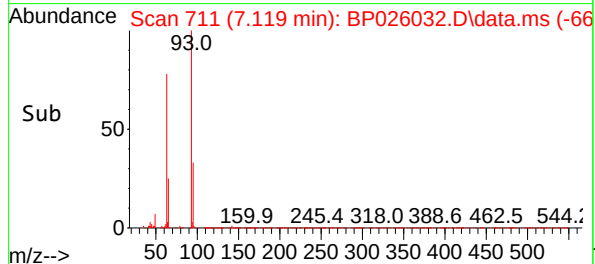
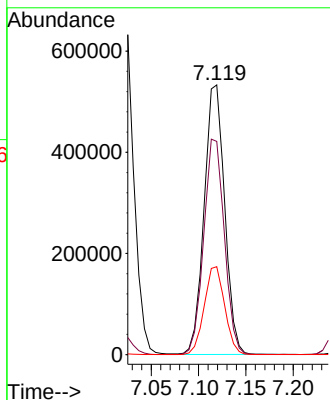
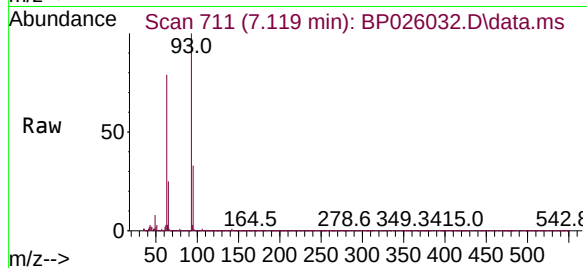




#11
bis(2-Chloroethyl)ether
Concen: 40.632 ng
RT: 7.119 min Scan# 711
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

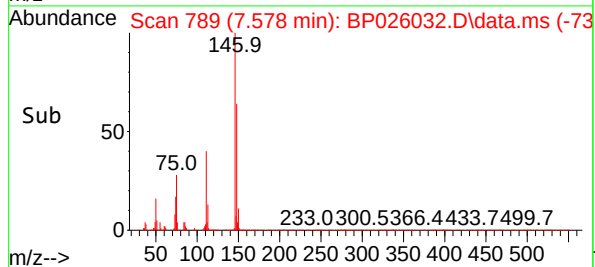
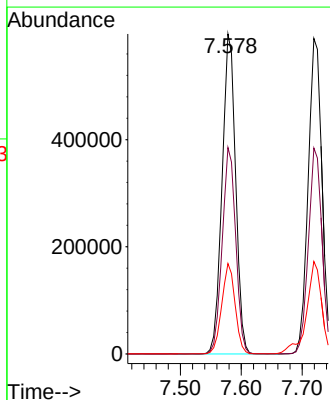
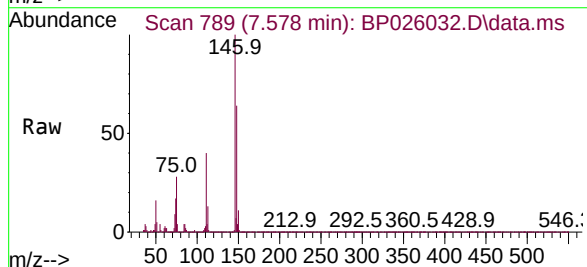
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

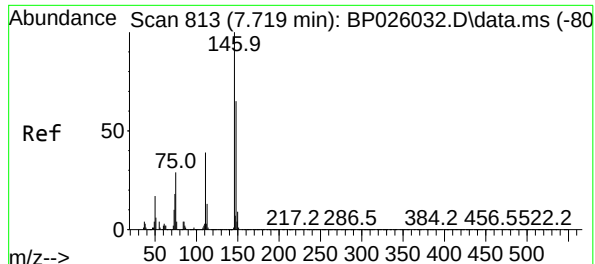
Tgt Ion: 93 Resp: 804729
Ion Ratio Lower Upper
93 100
63 79.1 59.1 99.1
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.813 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 146 Resp: 921791
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
75 28.2 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 40.514 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

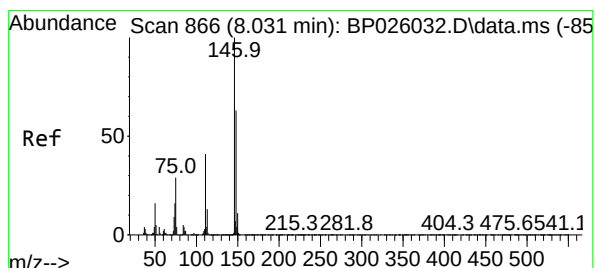
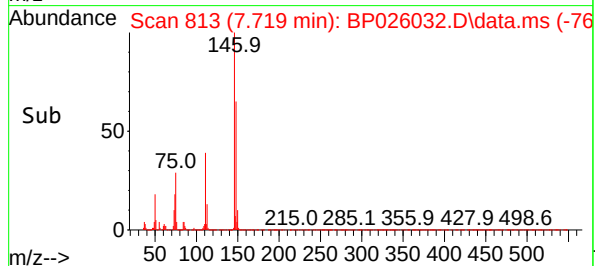
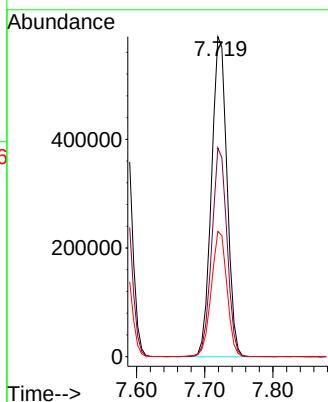
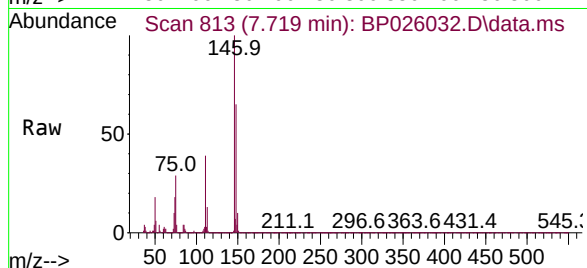
Tgt Ion:146 Resp: 925177

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 39.1 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 40.753 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

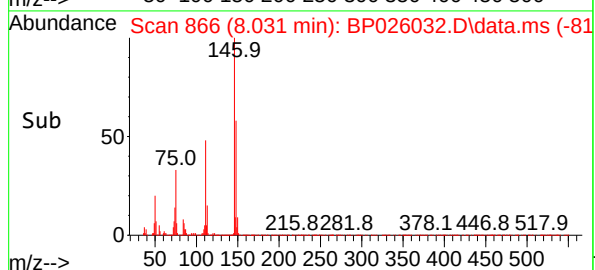
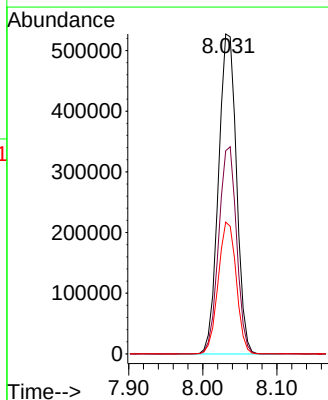
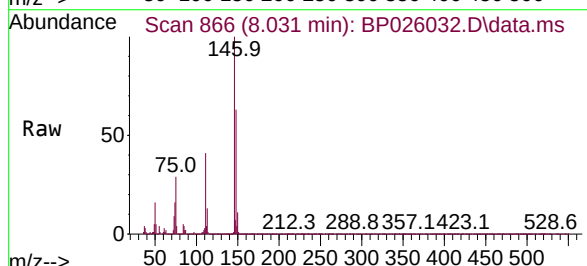
Tgt Ion:146 Resp: 888039

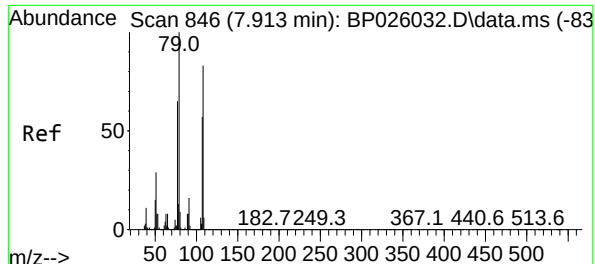
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 41.2 33.0 49.4





#15

Benzyl Alcohol

Concen: 41.003 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

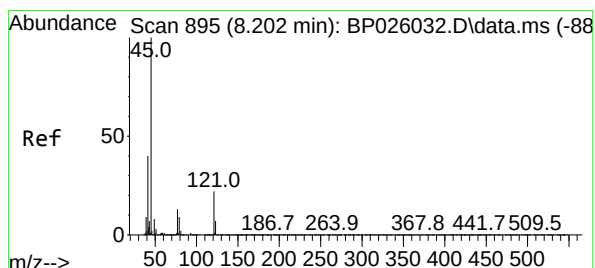
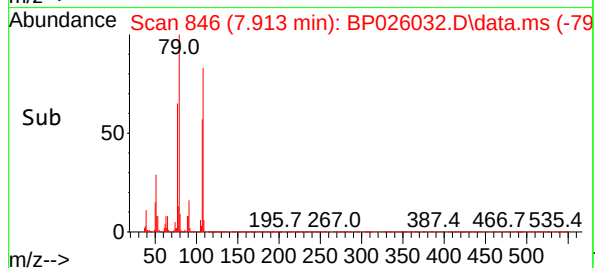
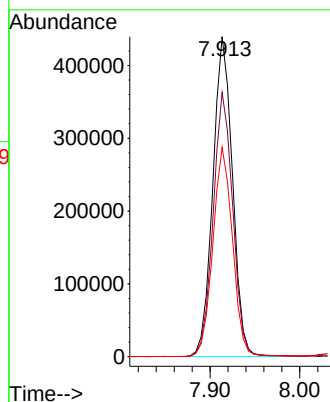
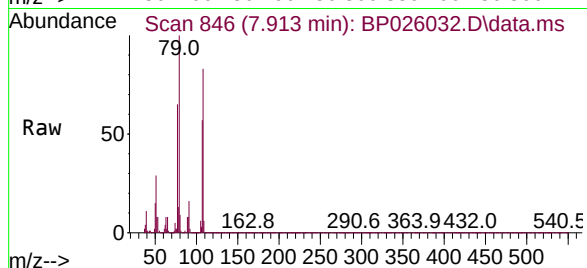
Tgt Ion: 79 Resp: 668211

Ion Ratio Lower Upper

79 100

108 82.5 66.0 99.0

77 65.4 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.095 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

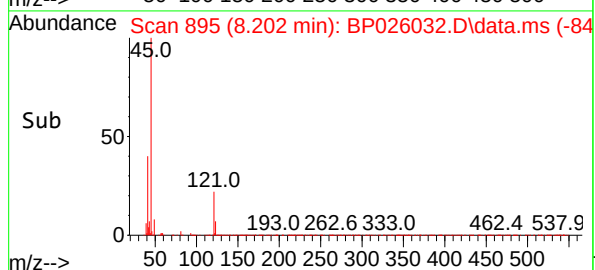
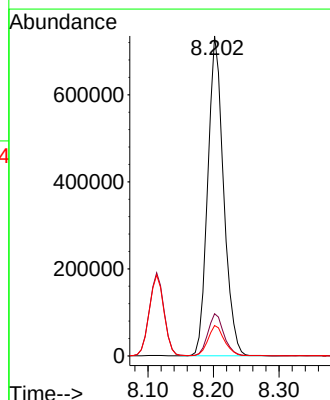
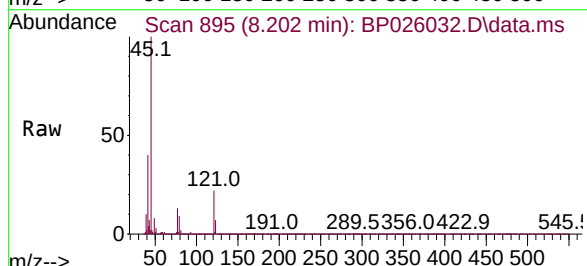
Tgt Ion: 45 Resp: 1230074

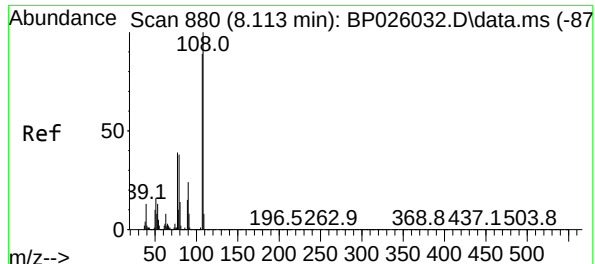
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 9.5 0.0 29.5

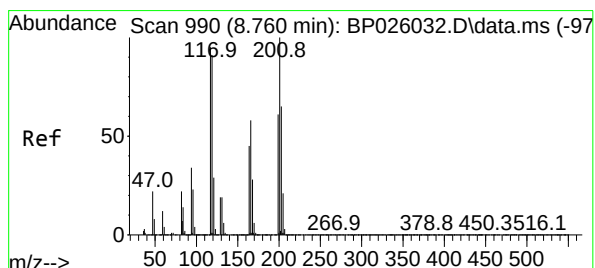
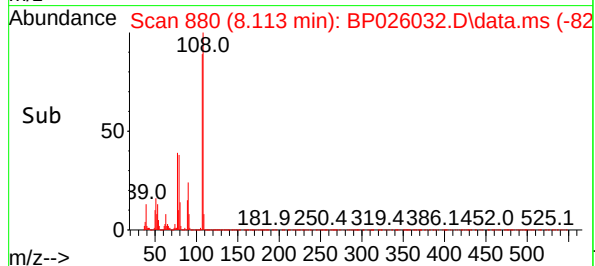
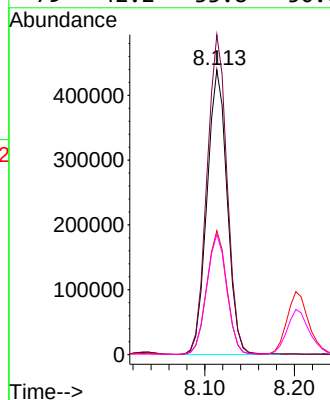
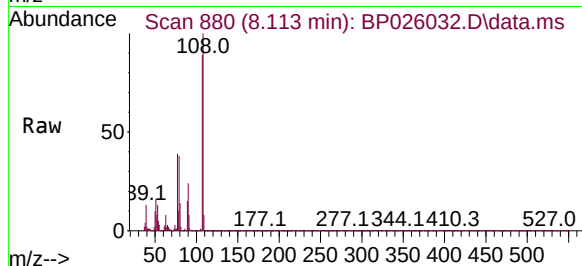




#17
2-Methylphenol
Concen: 41.915 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

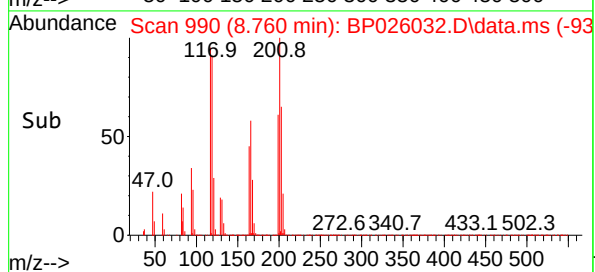
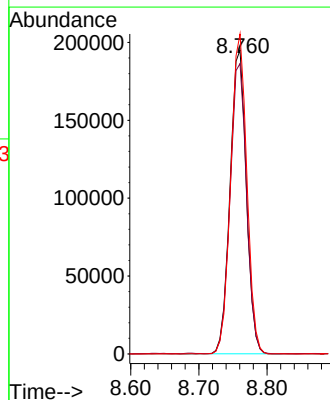
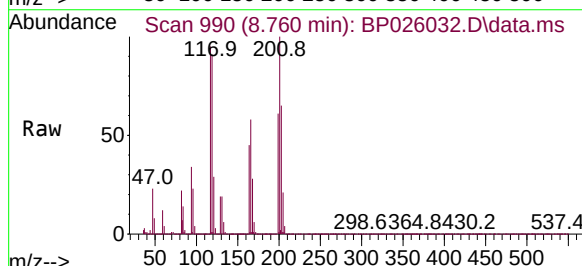
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

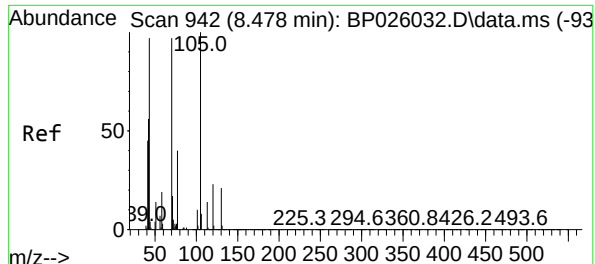
Tgt Ion:107 Resp: 688795
Ion Ratio Lower Upper
107 100
108 112.3 89.8 134.8
77 43.5 34.8 52.2
79 42.2 33.8 50.6



#18
Hexachloroethane
Concen: 41.385 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:117 Resp: 323386
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 105.3 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.881 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.012 min

Lab File: BP026032.D

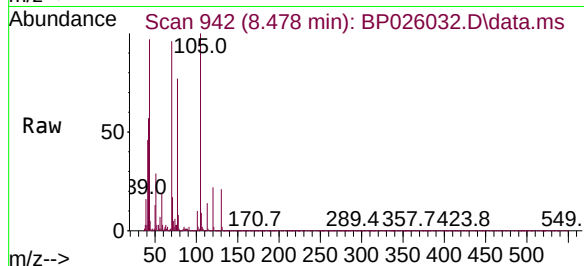
Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040



Tgt Ion: 70 Resp: 601712

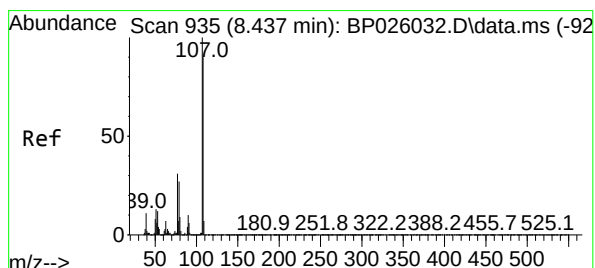
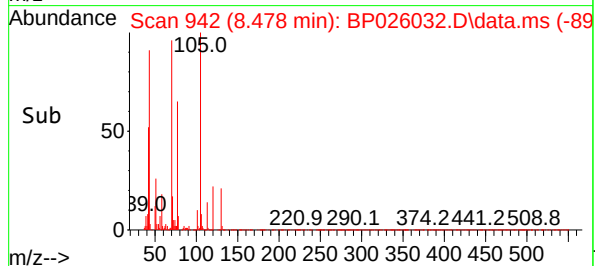
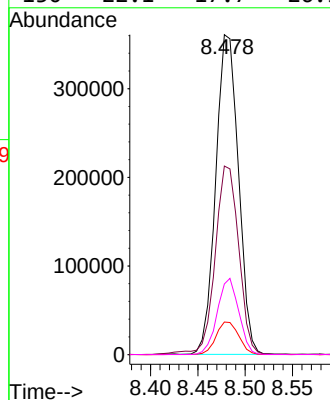
Ion Ratio Lower Upper

70 100

42 59.0 47.2 70.8

101 10.2 8.2 12.2

130 22.1 17.7 26.5



#20

3+4-Methylphenols

Concen: 41.358 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion: 107 Resp: 945490

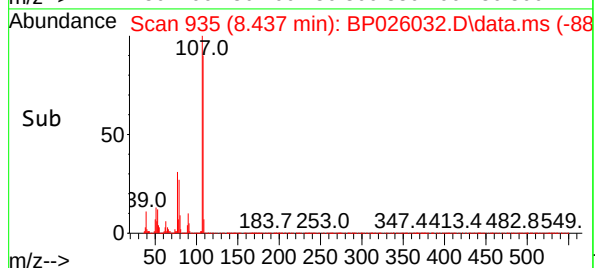
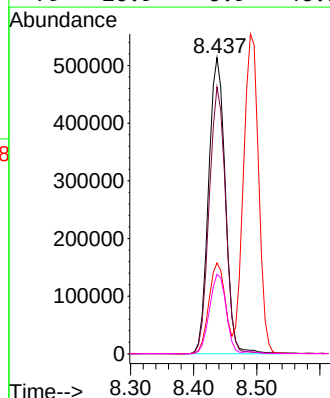
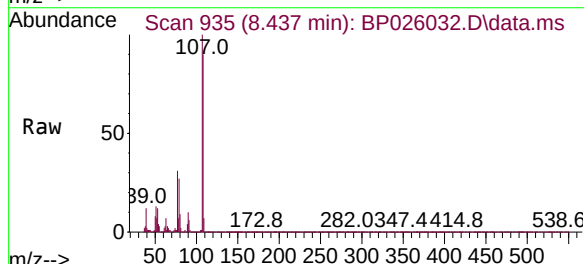
Ion Ratio Lower Upper

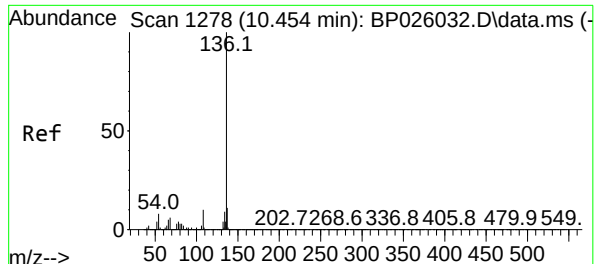
107 100

108 90.1 70.1 110.1

77 30.7 10.7 50.7

79 26.9 6.9 46.9

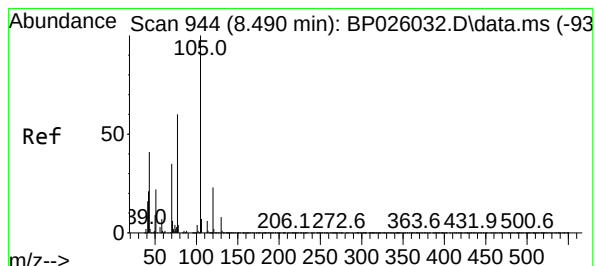
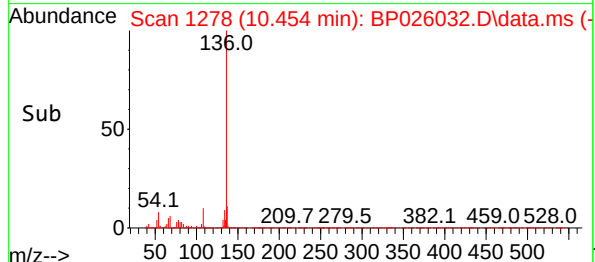
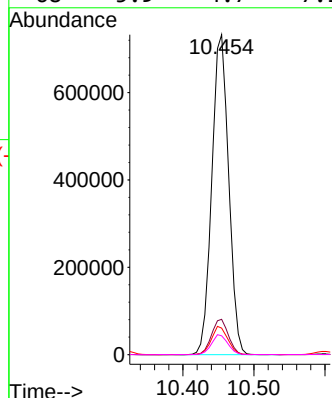
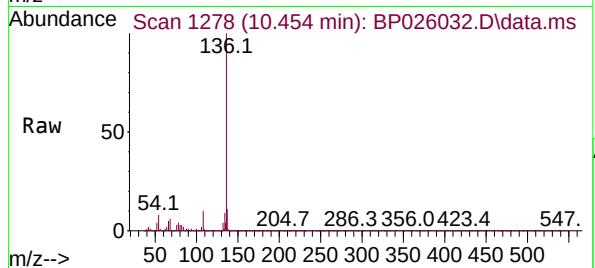




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

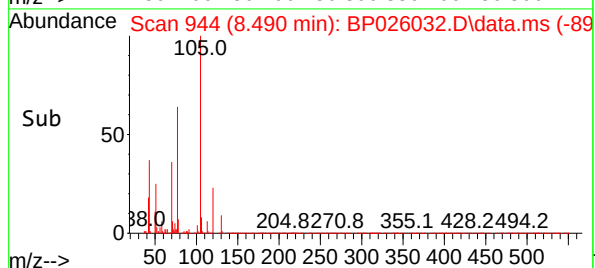
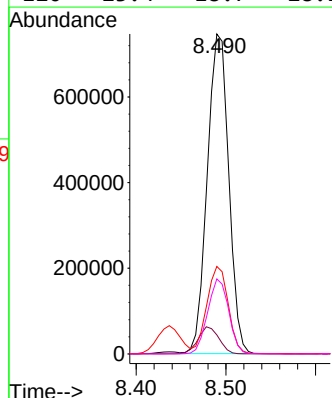
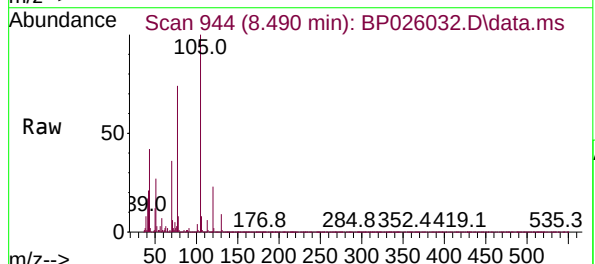
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

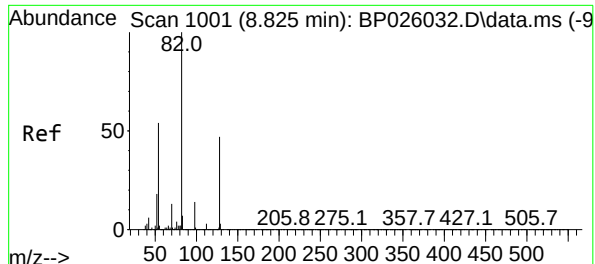
Tgt Ion:136 Resp: 1204929
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 6.6 10.0
68 5.9 4.7 7.1



#22
Acetophenone
Concen: 40.939 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:105 Resp: 1247543
Ion Ratio Lower Upper
105 100
71 5.9 4.7 7.1
51 27.3 21.8 32.8
120 23.4 18.7 28.1





#23

Nitrobenzene-d5

Concen: 84.339 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

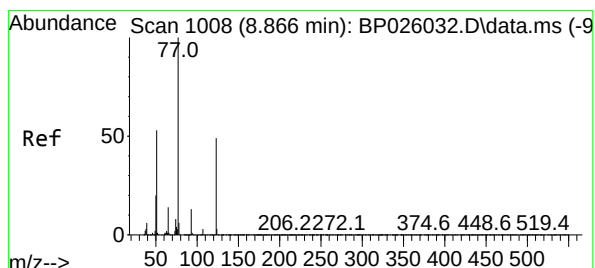
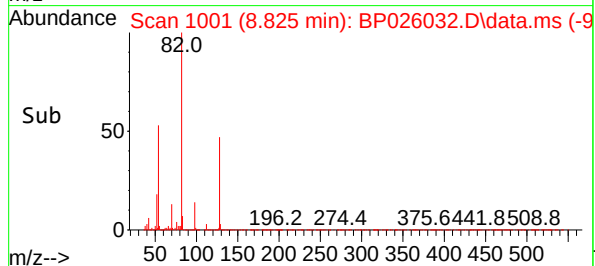
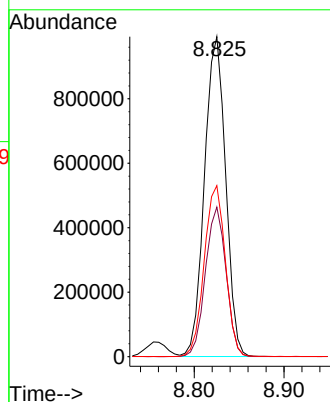
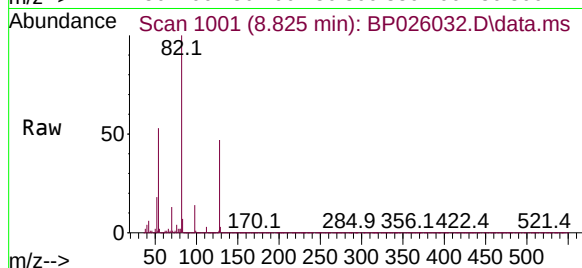
Tgt Ion: 82 Resp: 1630132

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.0

54 53.4 42.7 64.1



#24

Nitrobenzene

Concen: 42.132 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

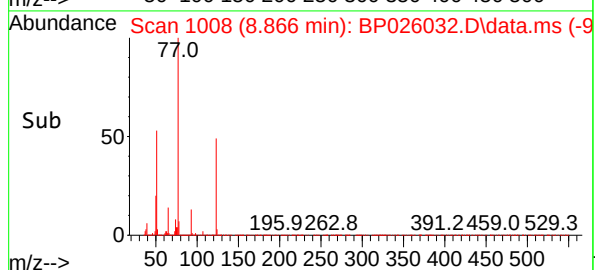
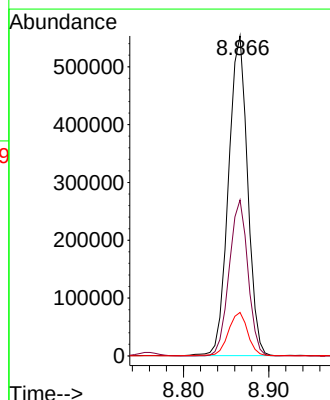
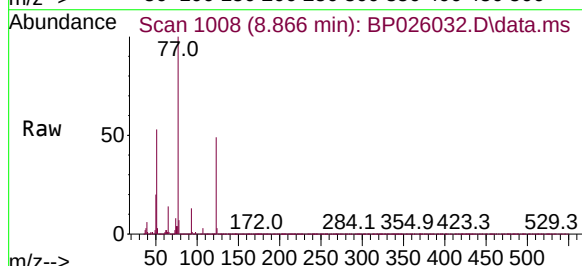
Tgt Ion: 77 Resp: 859810

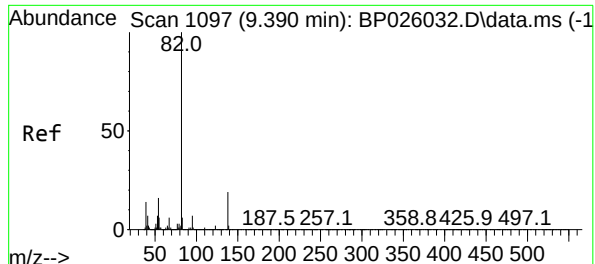
Ion Ratio Lower Upper

77 100

123 48.7 39.0 58.4

65 13.6 10.9 16.3

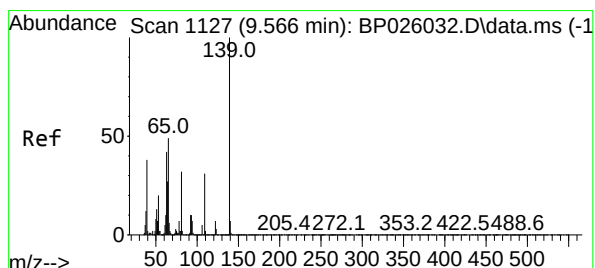
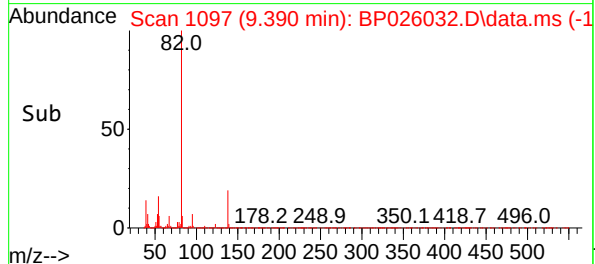
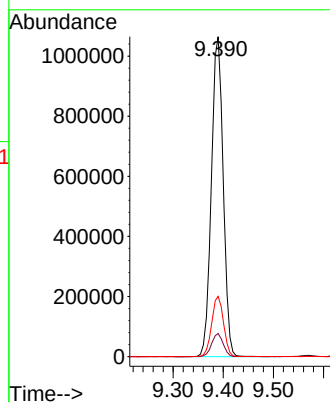
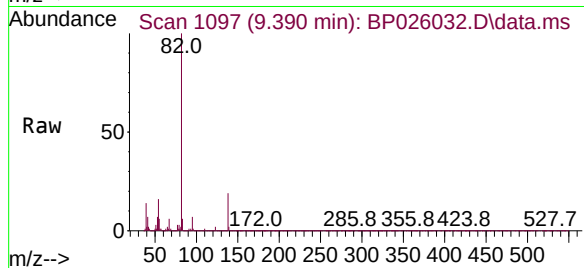




#25
Isophorone
Concen: 41.932 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

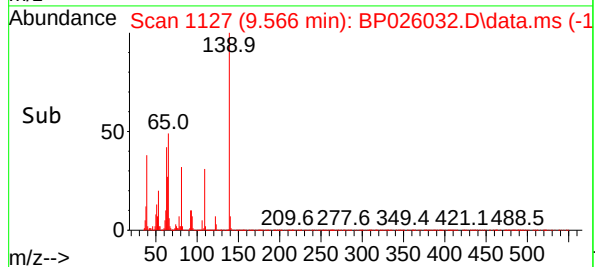
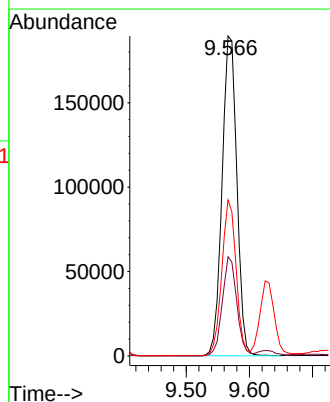
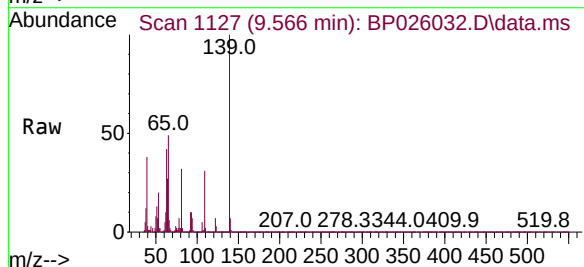
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

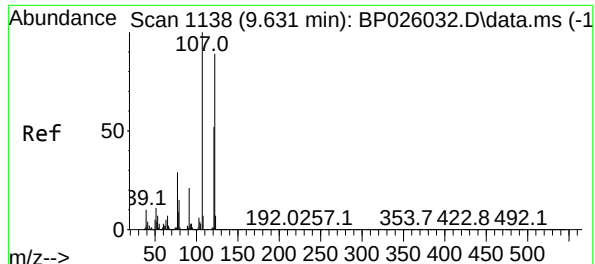
Tgt Ion: 82 Resp: 1734781
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.8 15.0 22.6



#26
2-Nitrophenol
Concen: 41.419 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 139 Resp: 308209
Ion Ratio Lower Upper
139 100
109 31.0 24.8 37.2
65 48.7 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 41.876 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

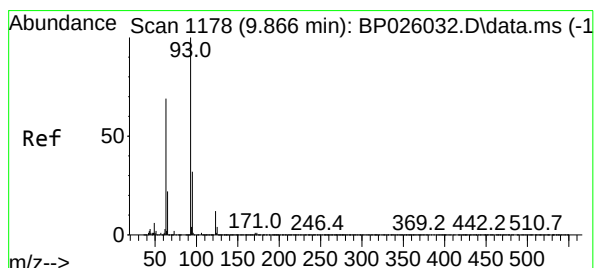
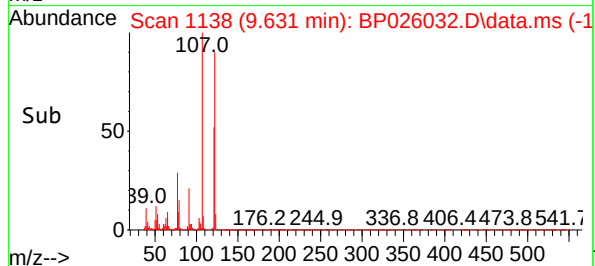
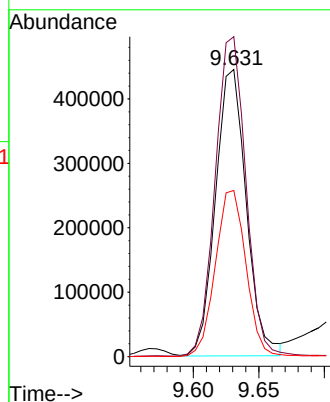
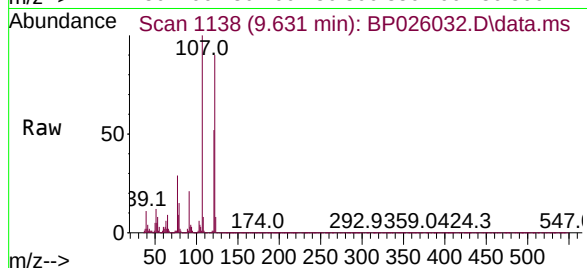
Tgt Ion:122 Resp: 728530

Ion Ratio Lower Upper

122 100

107 111.5 89.2 133.8

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.282 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

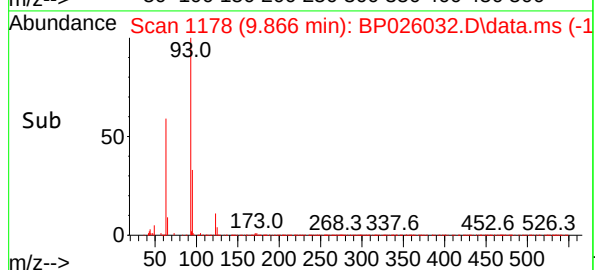
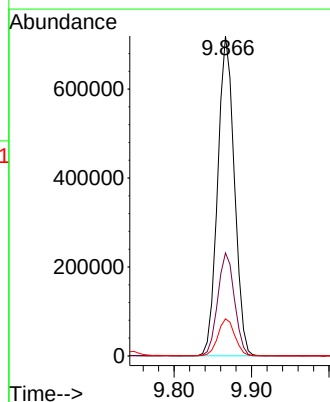
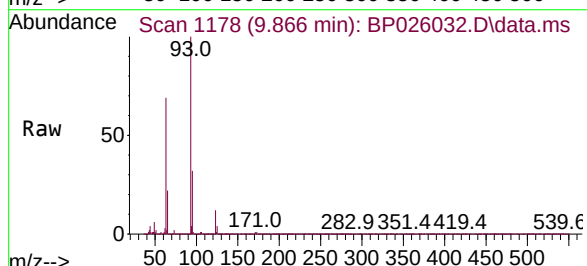
Tgt Ion: 93 Resp: 1076336

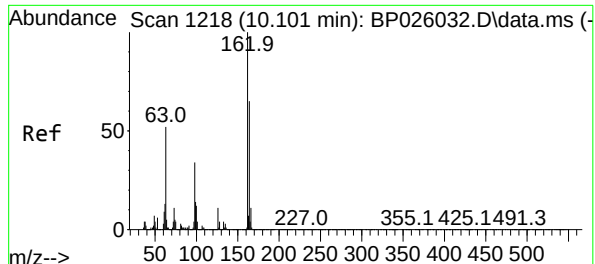
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 42.949 ng

RT: 10.101 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

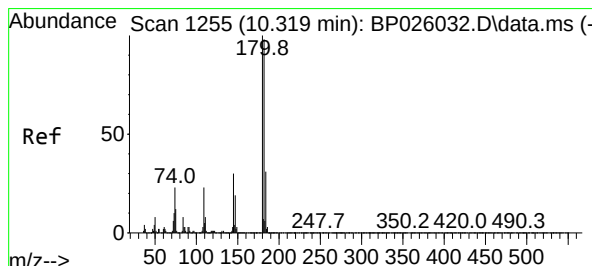
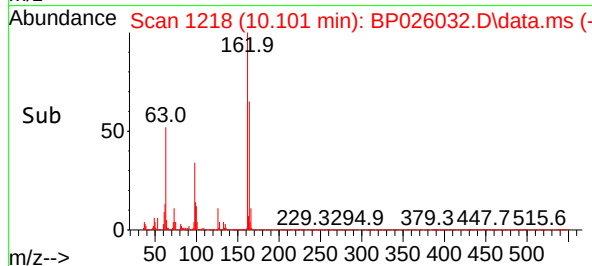
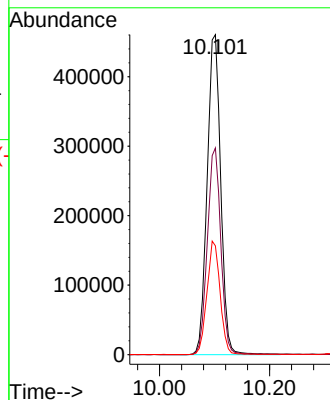
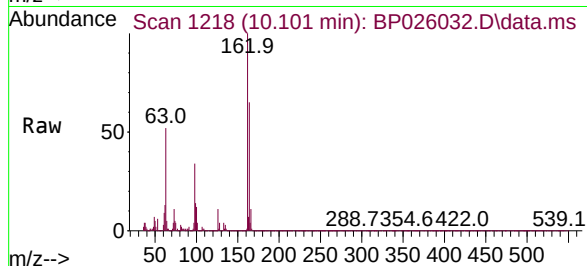
Tgt Ion:162 Resp: 788938

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 34.0 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 40.968 ng

RT: 10.319 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

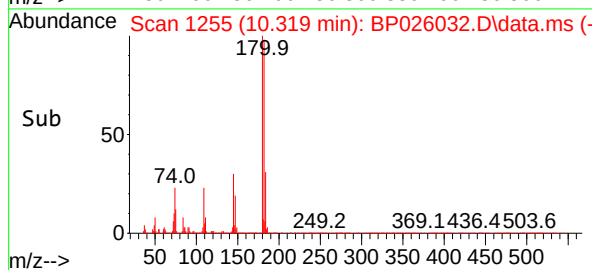
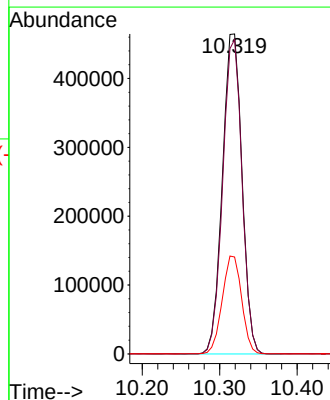
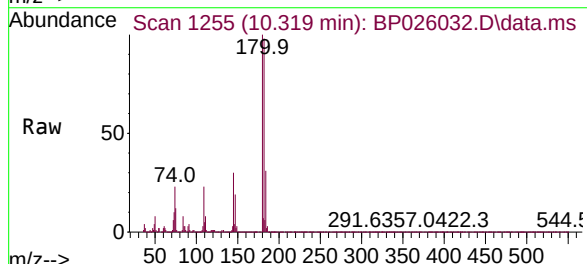
Tgt Ion:180 Resp: 817950

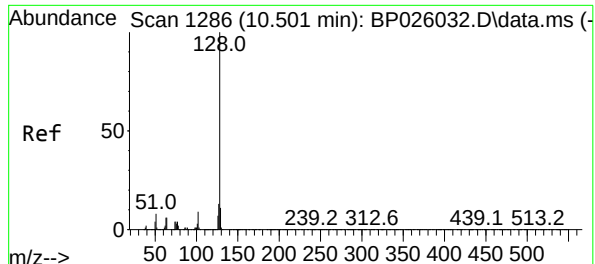
Ion Ratio Lower Upper

180 100

182 98.2 78.6 117.8

145 30.3 24.2 36.4

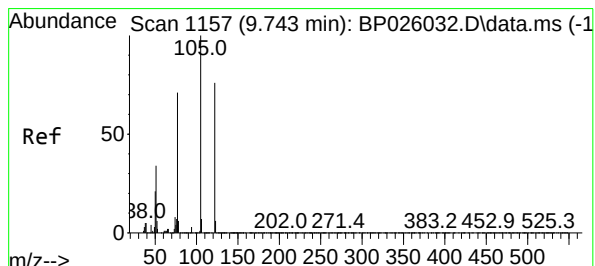
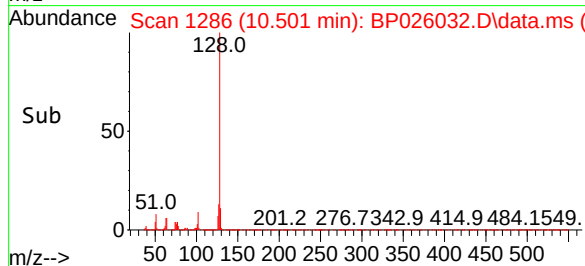
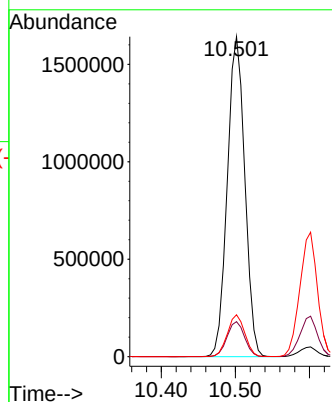
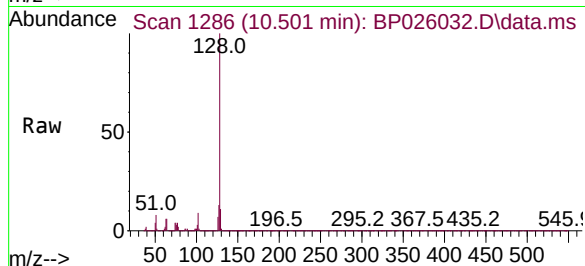




#31
Naphthalene
Concen: 40.893 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

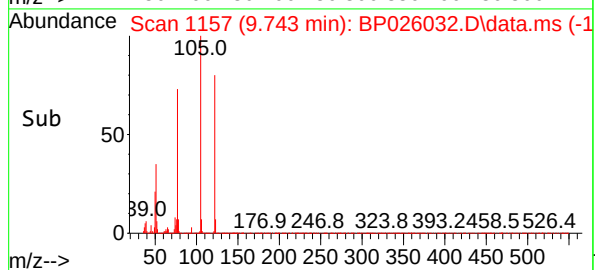
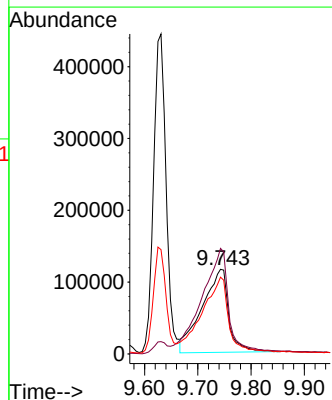
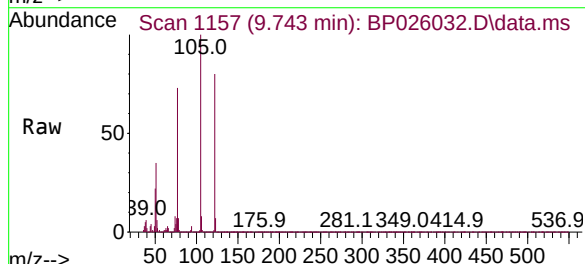
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

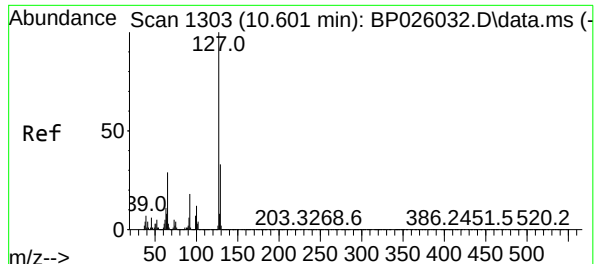
Tgt Ion:128 Resp: 2686976
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 40.754 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.035 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:122 Resp: 404584
Ion Ratio Lower Upper
122 100
105 124.8 104.8 144.8
77 90.9 70.9 110.9





#33

4-Chloroaniline

Concen: 41.701 ng

RT: 10.601 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 1052918

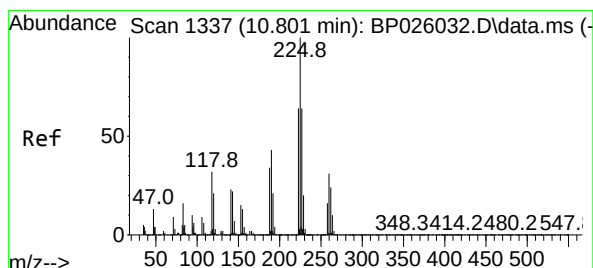
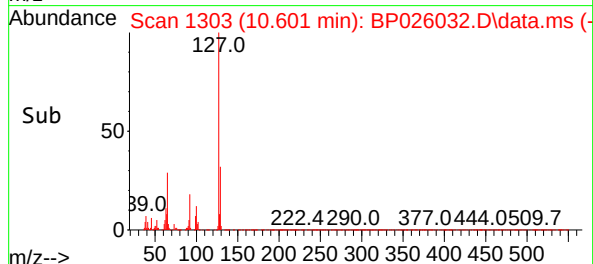
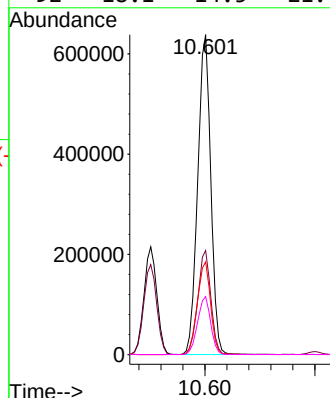
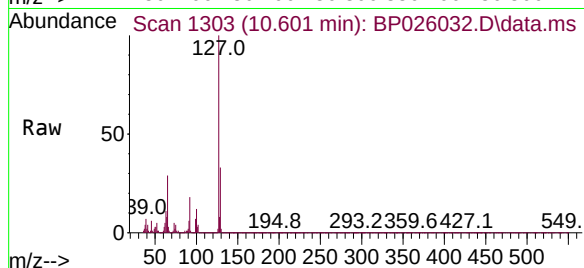
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 29.0 23.2 34.8

92 18.1 14.5 21.7



#34

Hexachlorobutadiene

Concen: 41.043 ng

RT: 10.801 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

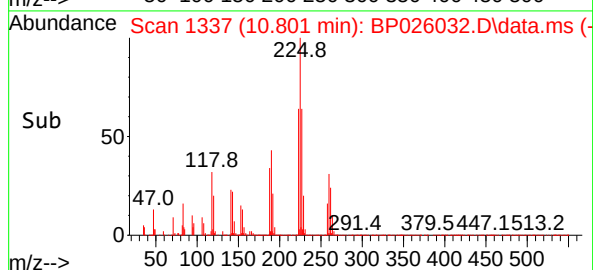
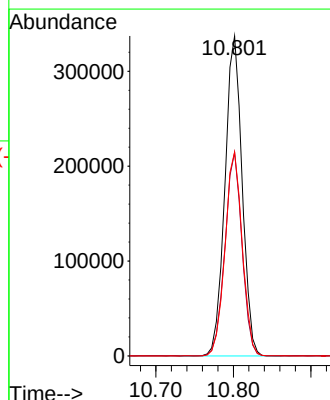
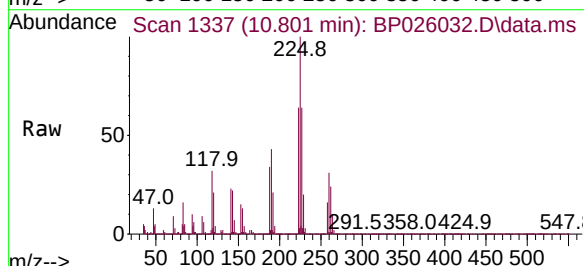
Tgt Ion:225 Resp: 520749

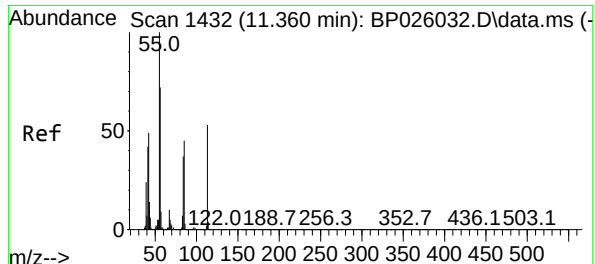
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 63.7 51.0 76.4





#35

Caprolactam

Concen: 42.147 ng

RT: 11.360 min Scan# 1432

Delta R.T. -0.023 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

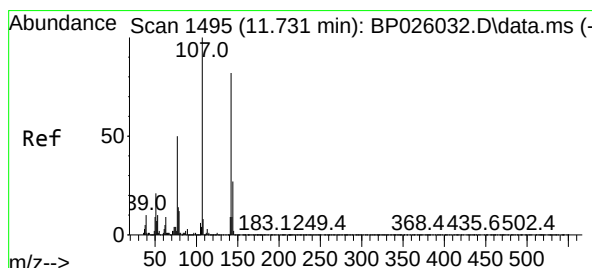
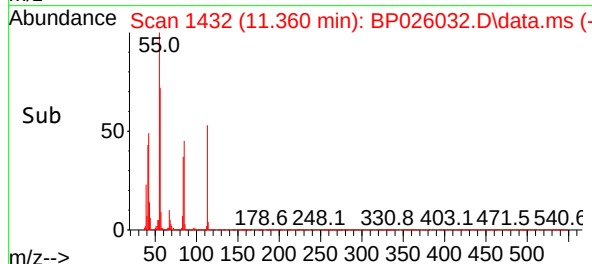
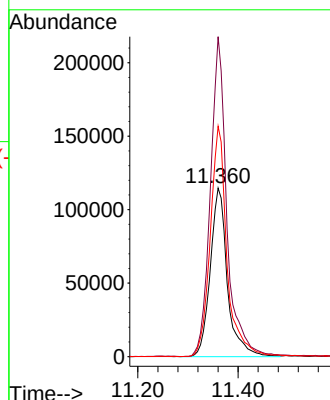
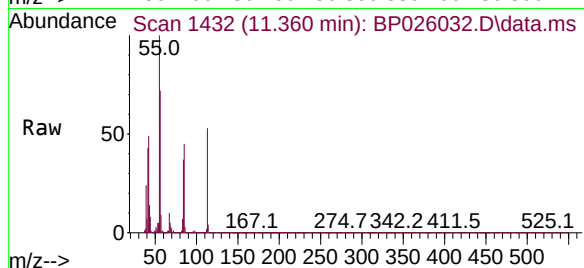
Tgt Ion:113 Resp: 271877

Ion Ratio Lower Upper

113 100

55 189.9 169.9 209.9

56 136.7 116.7 156.7



#36

4-Chloro-3-methylphenol

Concen: 43.198 ng

RT: 11.731 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

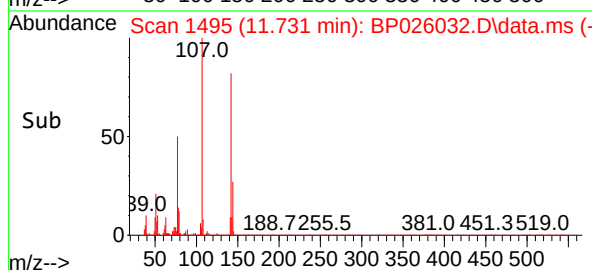
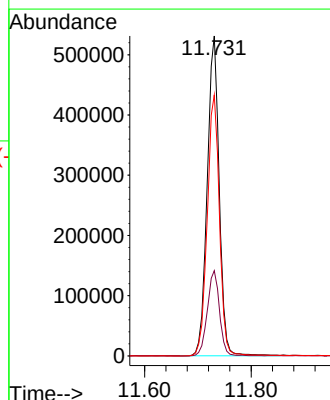
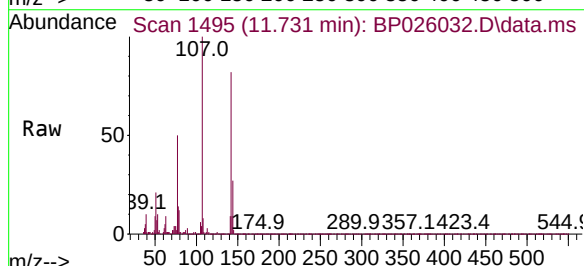
Tgt Ion:107 Resp: 831835

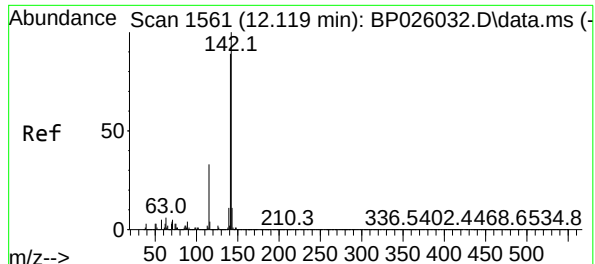
Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

142 81.5 65.2 97.8





#37

2-Methylnaphthalene

Concen: 41.663 ng

RT: 12.119 min Scan# 1561

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

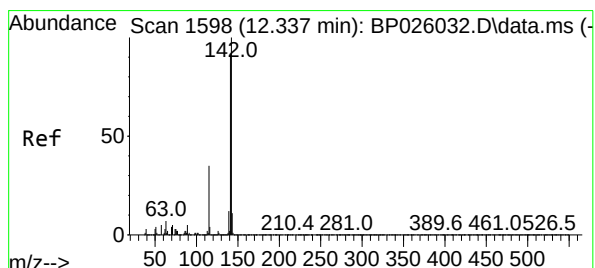
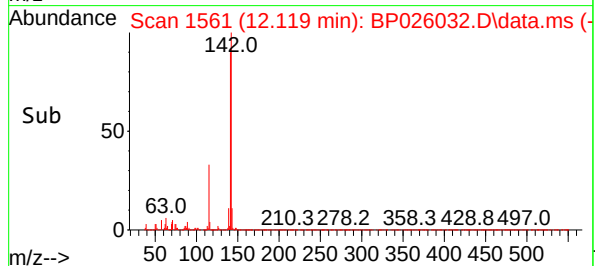
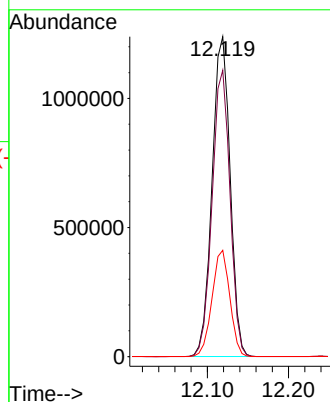
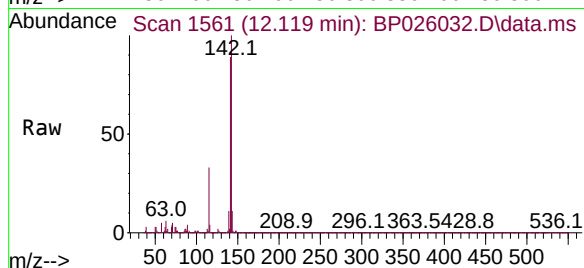
Tgt Ion:142 Resp: 1916037

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4

115 33.2 26.6 39.8



#38

1-Methylnaphthalene

Concen: 41.416 ng

RT: 12.337 min Scan# 1598

Delta R.T. 0.001 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

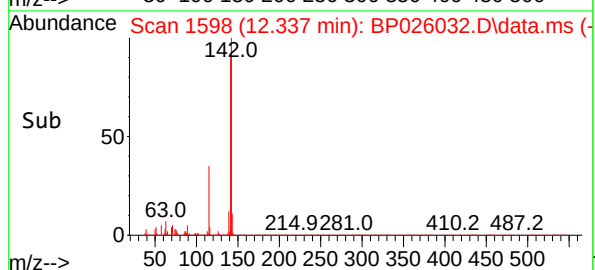
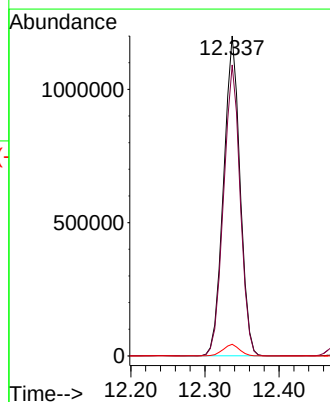
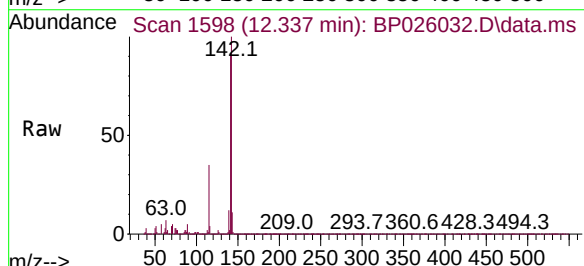
Tgt Ion:142 Resp: 1850373

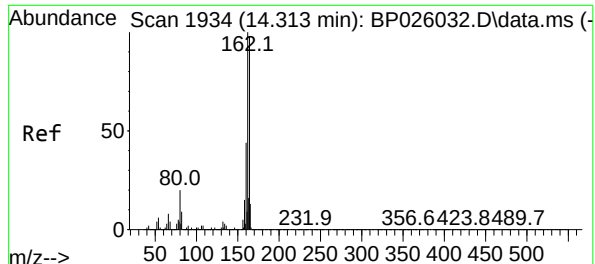
Ion Ratio Lower Upper

142 100

141 90.9 72.7 109.1

116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

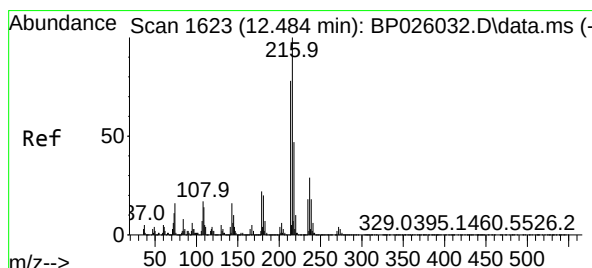
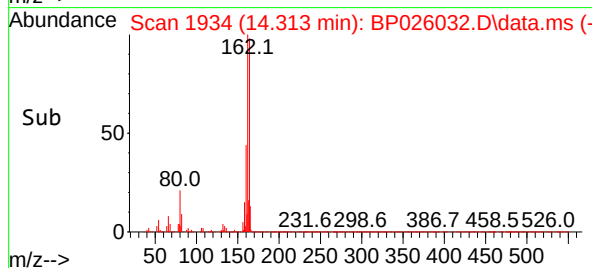
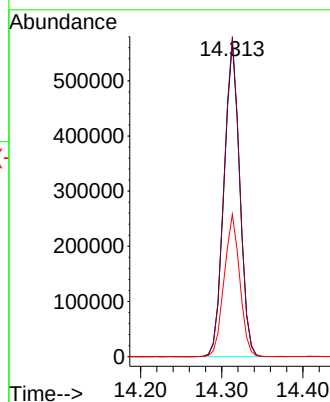
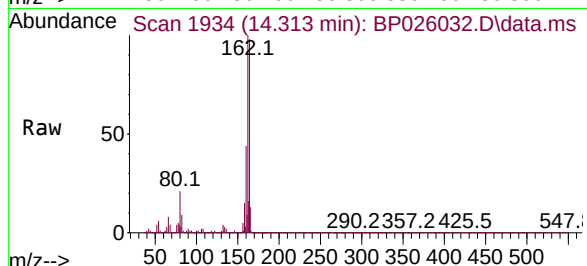
Tgt Ion:164 Resp: 764236

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.707 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:216 Resp: 966620

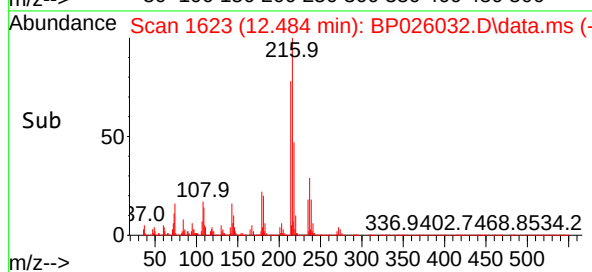
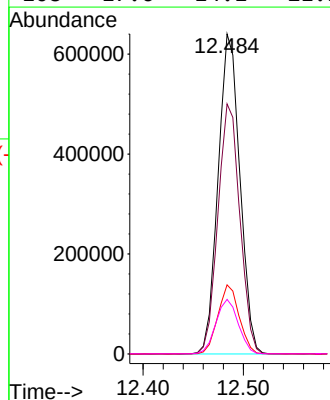
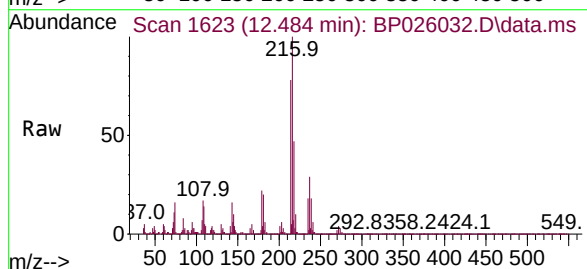
Ion Ratio Lower Upper

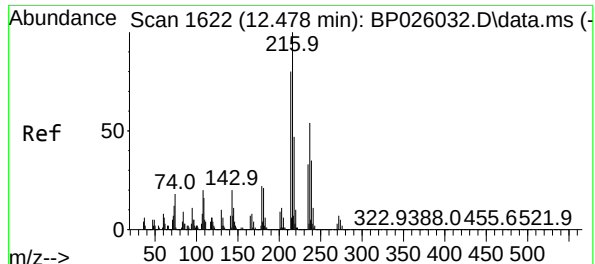
216 100

214 78.6 62.9 94.3

179 21.1 16.9 25.3

108 17.6 14.1 21.1

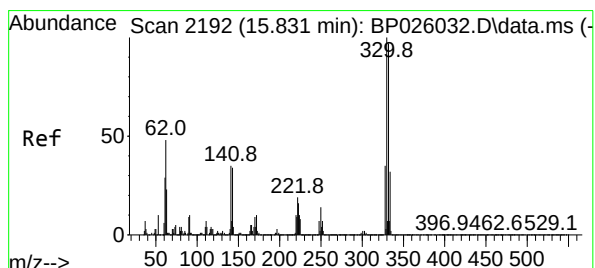
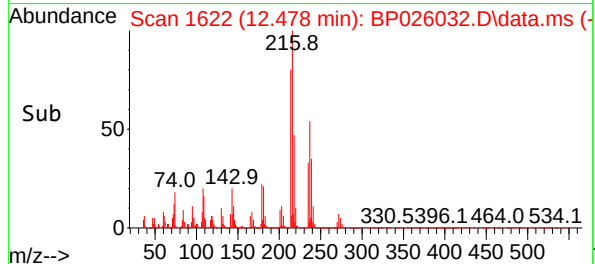
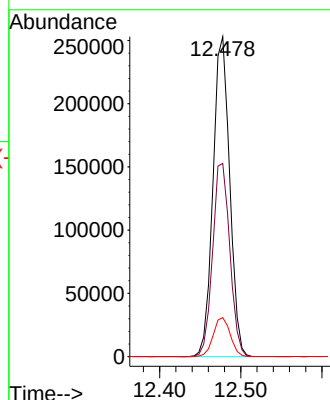
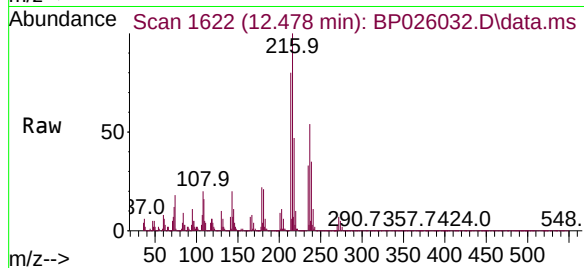




#41
Hexachlorocyclopentadiene
Concen: 41.615 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

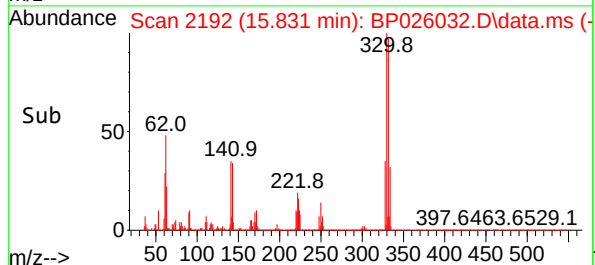
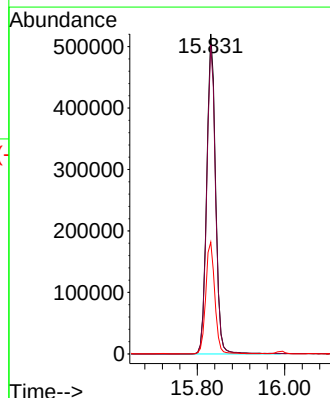
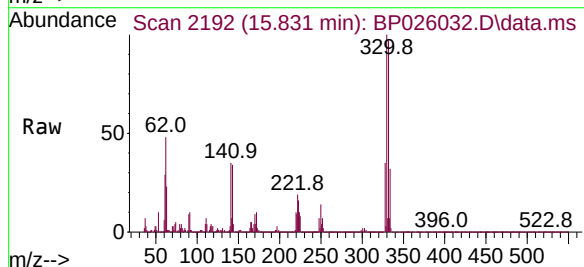
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

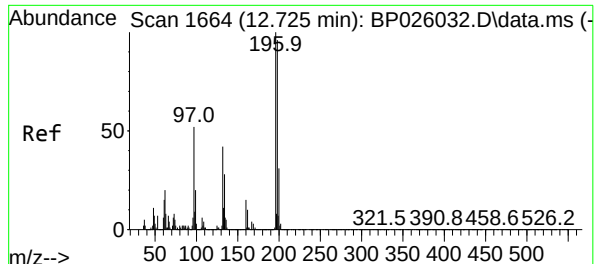
Tgt Ion:237 Resp: 361557
Ion Ratio Lower Upper
237 100
235 60.4 40.4 80.4
272 12.2 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 87.488 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:330 Resp: 722838
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.7 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 43.748 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

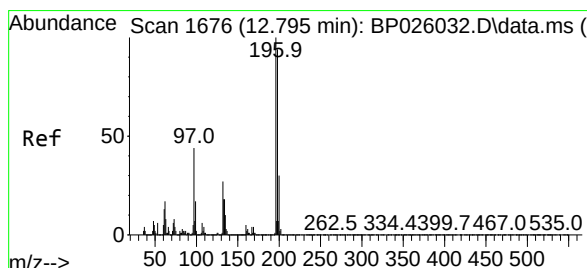
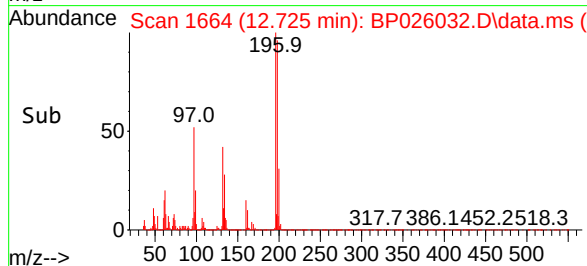
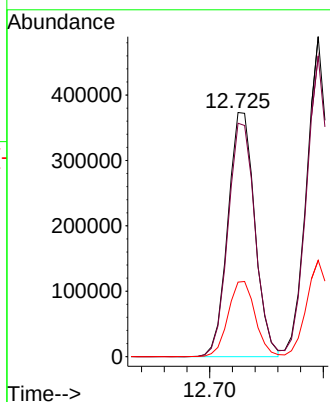
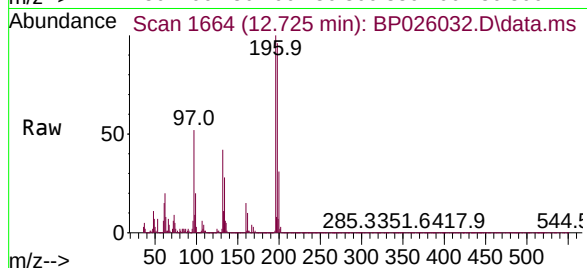
Tgt Ion:196 Resp: 614032

Ion Ratio Lower Upper

196 100

198 95.6 76.5 114.7

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 43.536 ng

RT: 12.795 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:196 Resp: 697254

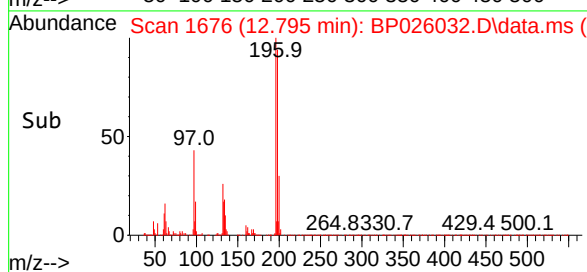
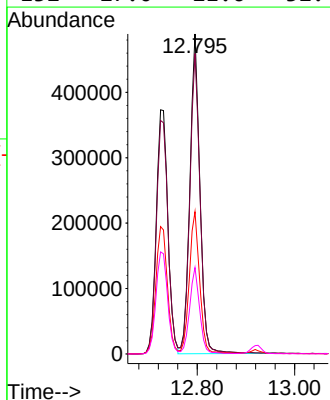
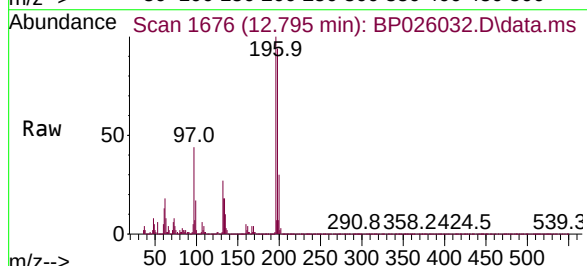
Ion Ratio Lower Upper

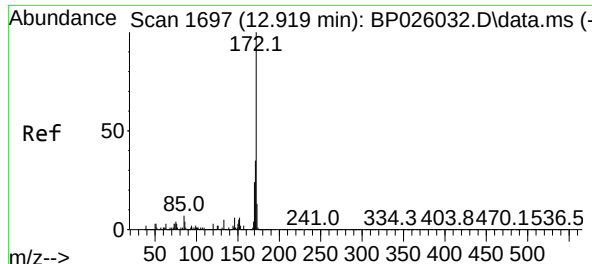
196 100

198 93.9 75.1 112.7

97 44.4 35.5 53.3

132 27.0 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 81.651 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

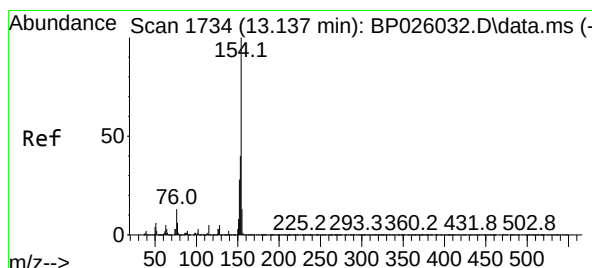
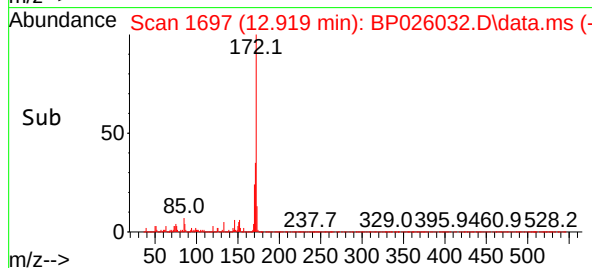
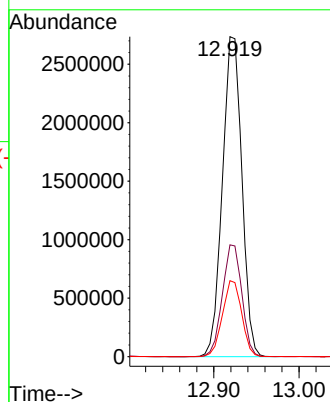
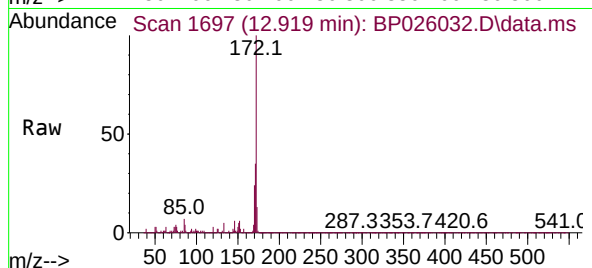
Tgt Ion:172 Resp: 4342634

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.756 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

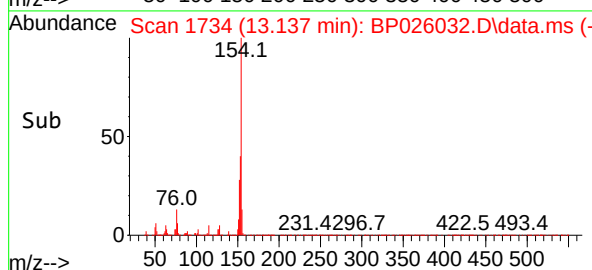
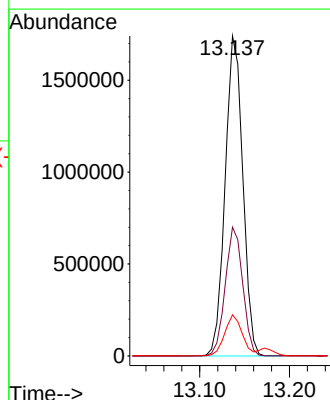
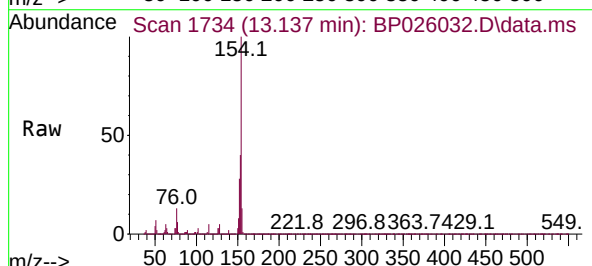
Tgt Ion:154 Resp: 2384975

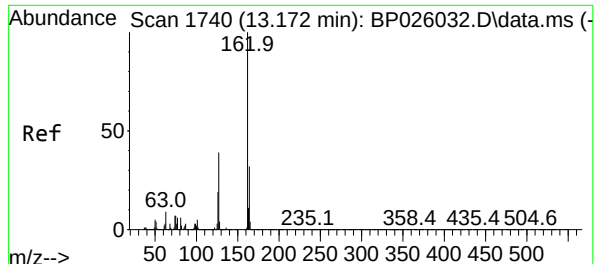
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.808 ng

RT: 13.172 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

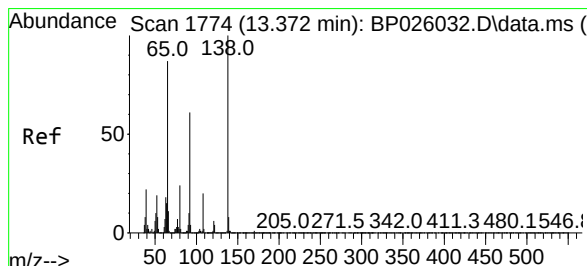
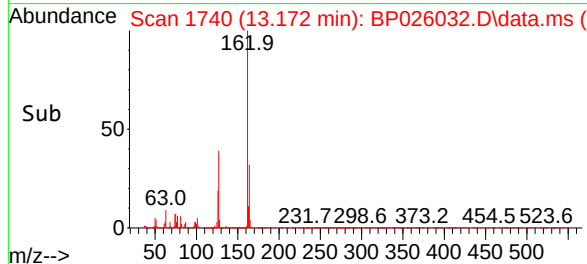
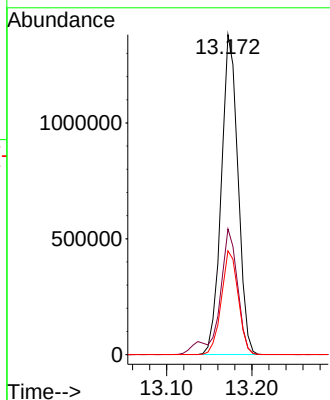
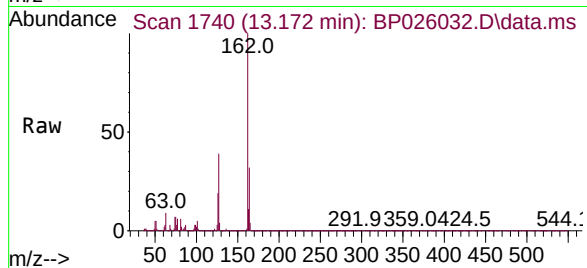
Tgt Ion:162 Resp: 1878852

Ion Ratio Lower Upper

162 100

127 39.3 31.4 47.2

164 32.4 25.9 38.9



#48

2-Nitroaniline

Concen: 40.401 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

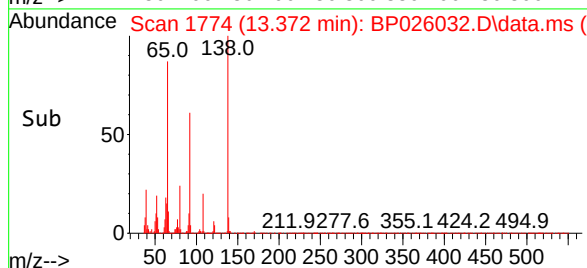
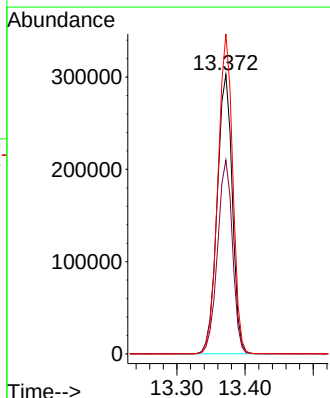
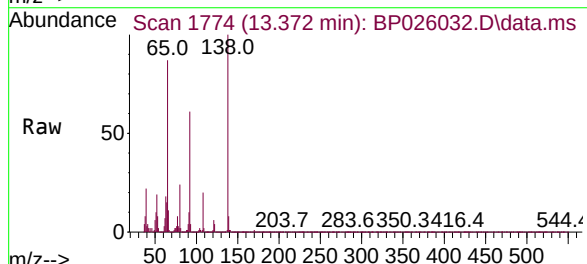
Tgt Ion: 65 Resp: 464490

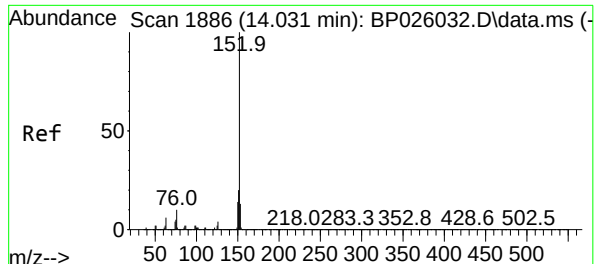
Ion Ratio Lower Upper

65 100

92 69.4 55.5 83.3

138 114.6 91.7 137.5





#49

Acenaphthylene

Concen: 41.727 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

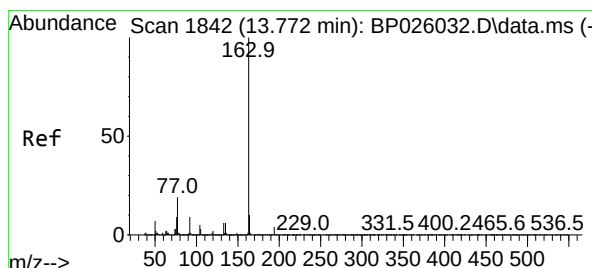
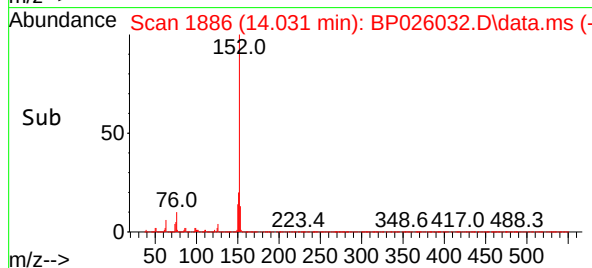
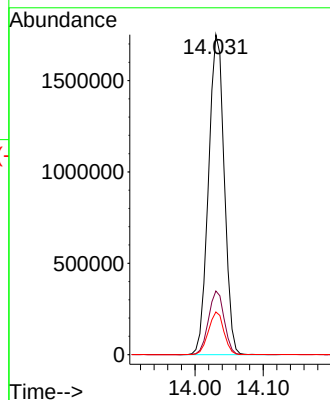
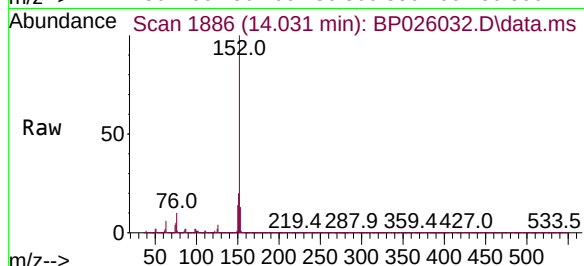
Tgt Ion:152 Resp: 2800152

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 41.854 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

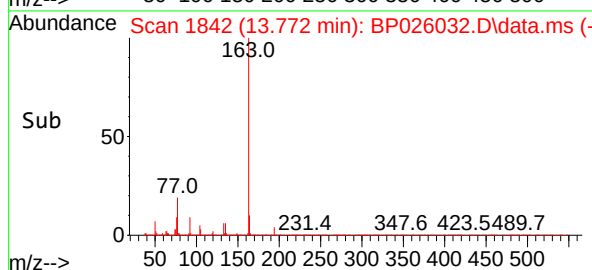
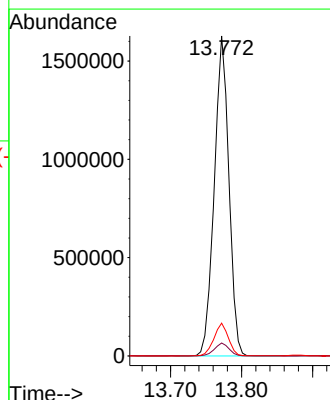
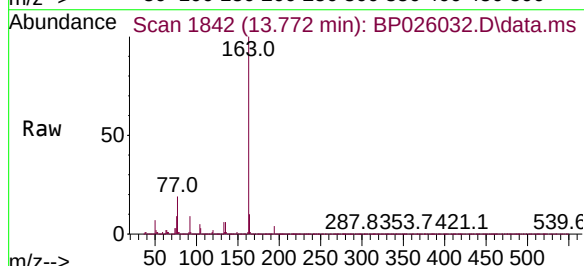
Tgt Ion:163 Resp: 2326622

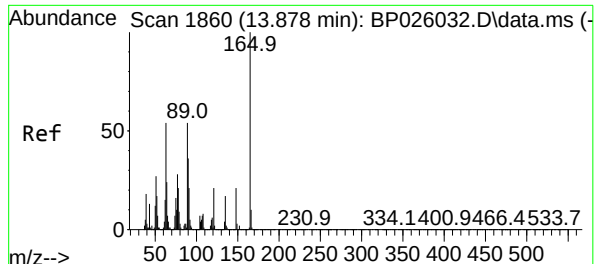
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.2 12.2

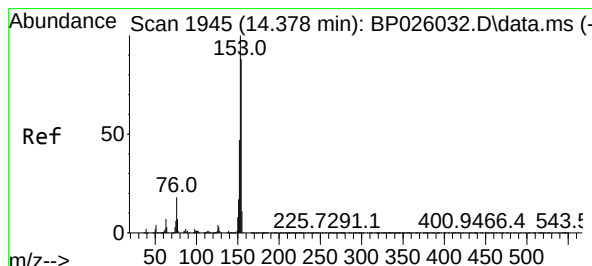
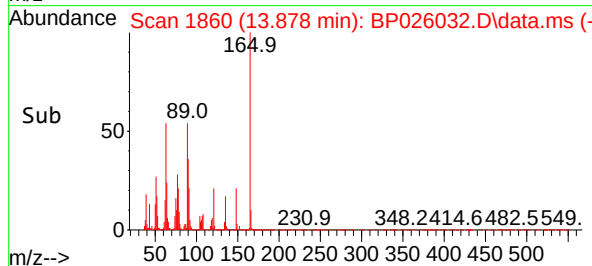
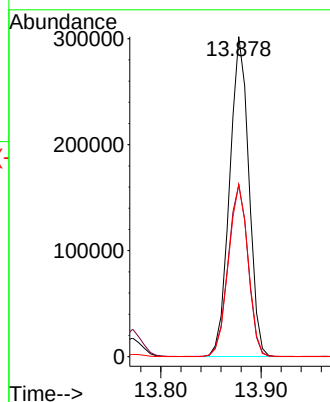
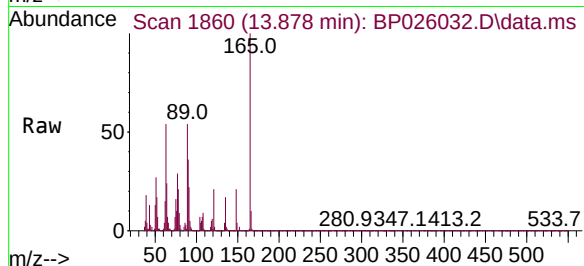




#51
2,6-Dinitrotoluene
Concen: 39.911 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

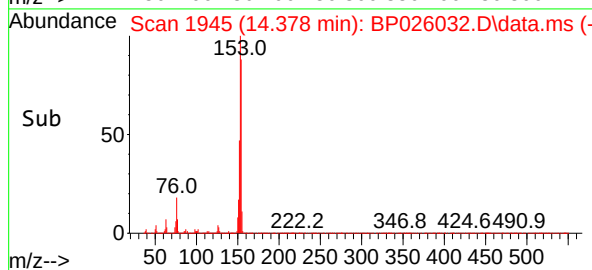
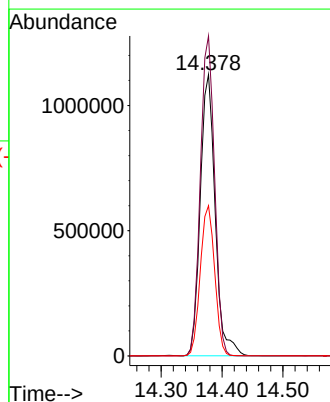
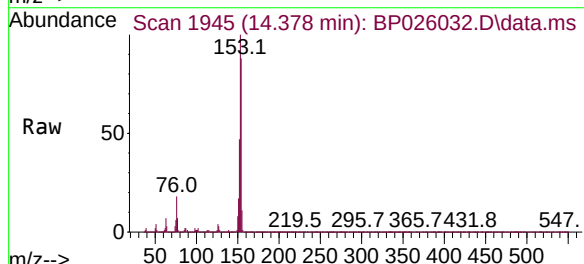
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

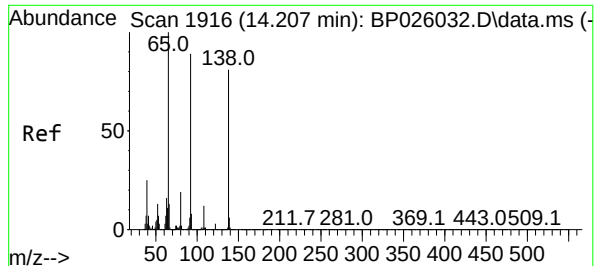
Tgt Ion:165 Resp: 402854
Ion Ratio Lower Upper
165 100
63 53.7 43.0 64.4
89 53.7 43.0 64.4



#52
Acenaphthene
Concen: 41.440 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:154 Resp: 1909071
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 53.4 42.7 64.1

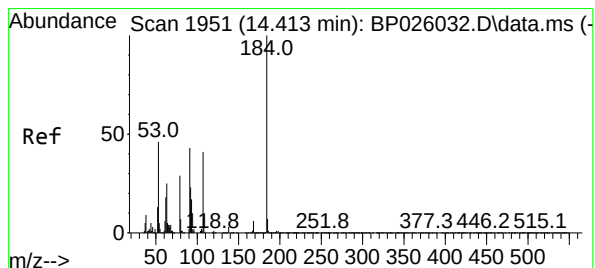
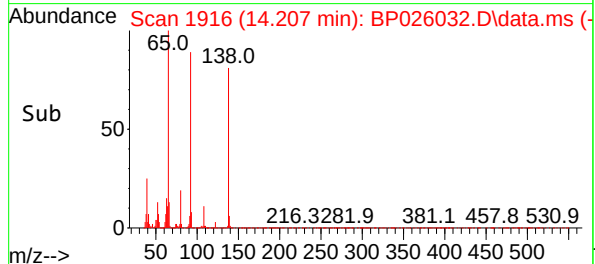
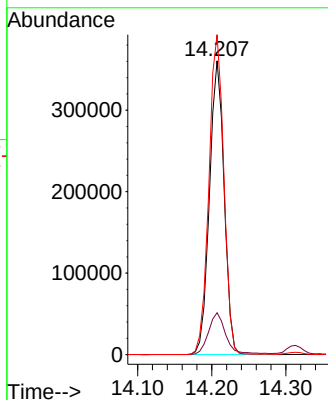
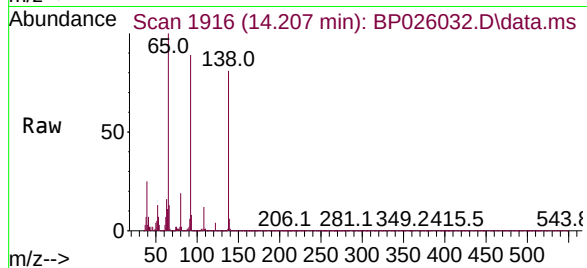




#53
3-Nitroaniline
Concen: 40.022 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

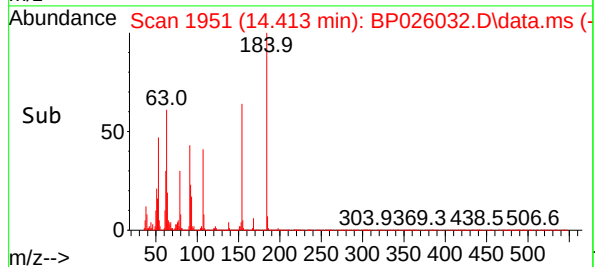
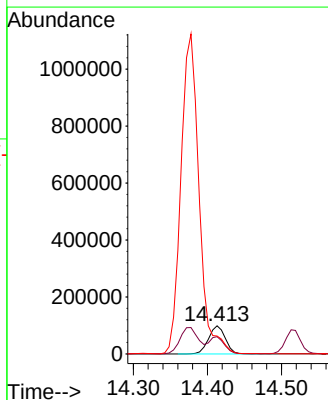
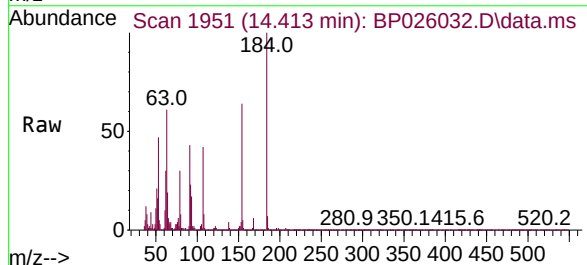
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

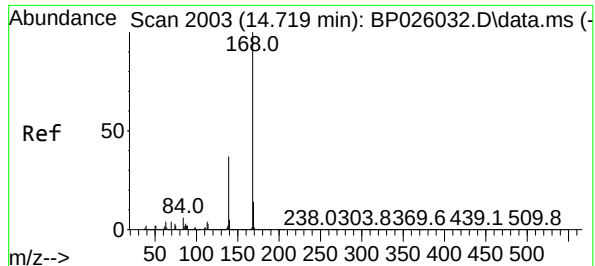
Tgt Ion:138 Resp: 495409
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.0
92 108.9 87.1 130.7



#54
2,4-Dinitrophenol
Concen: 40.475 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:184 Resp: 153212
Ion Ratio Lower Upper
184 100
63 61.2 49.0 73.4
154 63.8 51.0 76.6





#55

Dibenzofuran

Concen: 41.043 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

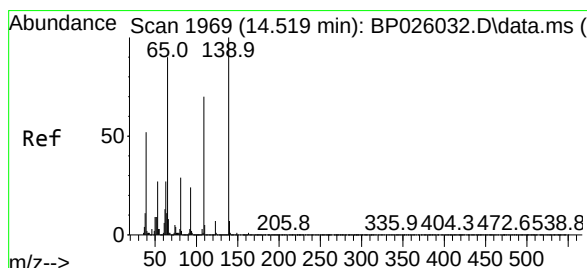
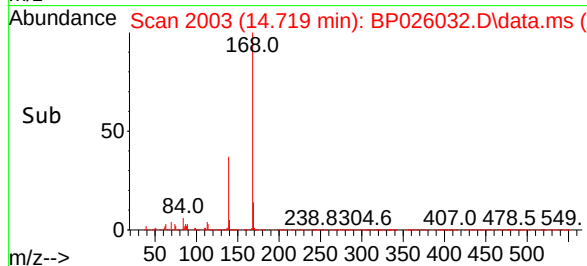
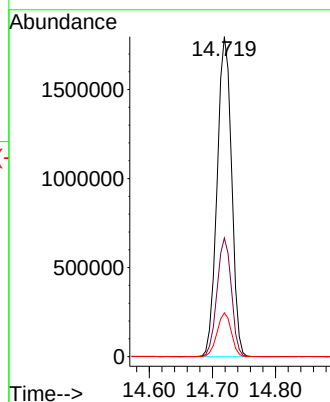
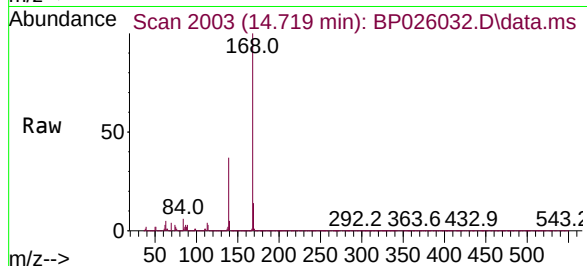
Tgt Ion:168 Resp: 2856737

Ion Ratio Lower Upper

168 100

139 37.1 29.7 44.5

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 39.340 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

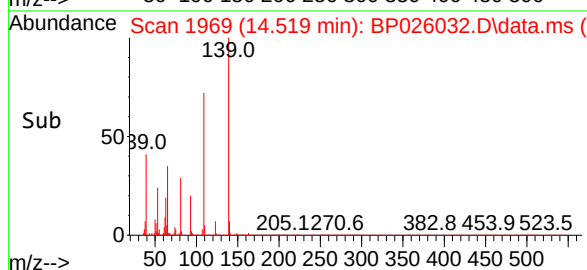
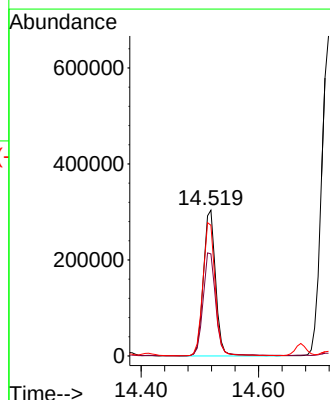
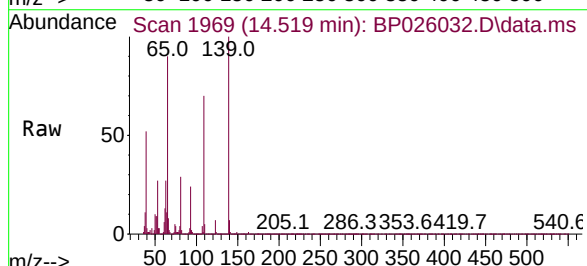
Tgt Ion:139 Resp: 436072

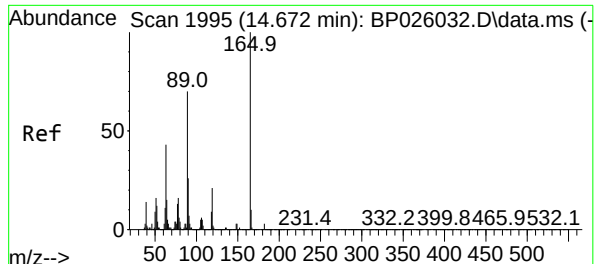
Ion Ratio Lower Upper

139 100

109 70.0 50.0 90.0

65 89.6 69.6 109.6





#57

2,4-Dinitrotoluene

Concen: 40.877 ng

RT: 14.672 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 600497

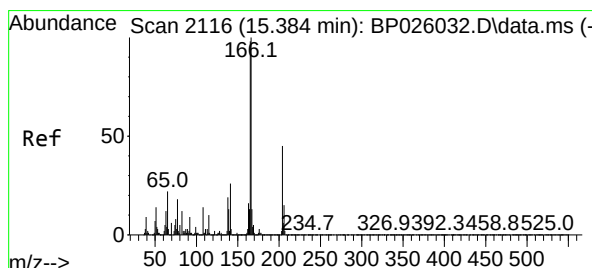
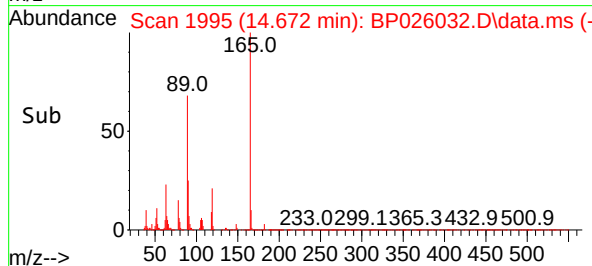
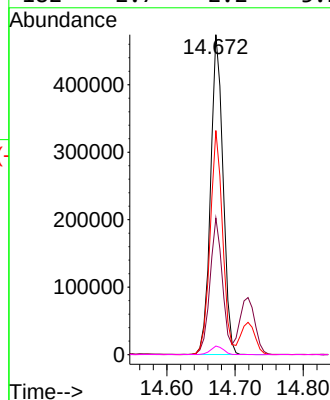
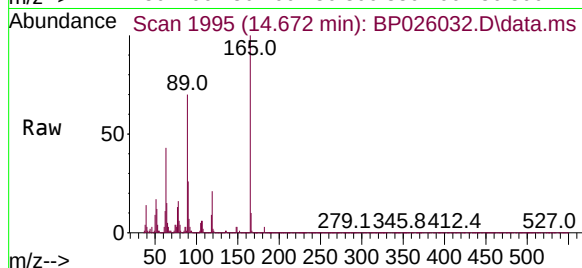
Ion Ratio Lower Upper

165 100

63 42.7 34.2 51.2

89 70.0 56.0 84.0

182 2.7 2.2 3.2



#58

Fluorene

Concen: 40.643 ng

RT: 15.384 min Scan# 2116

Delta R.T. 0.001 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

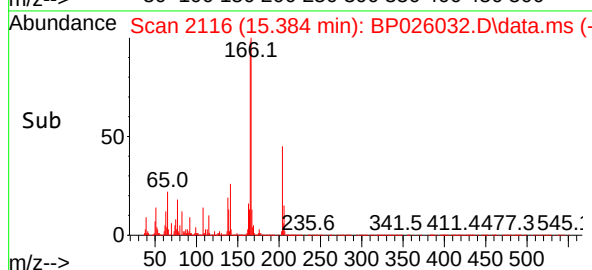
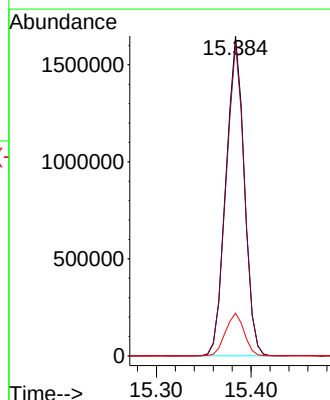
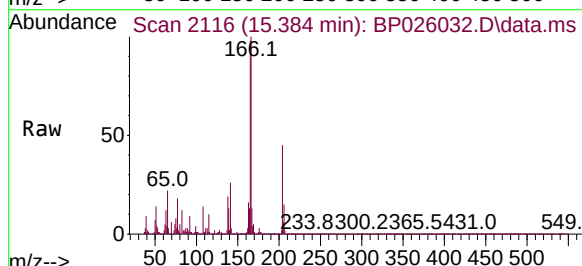
Tgt Ion:166 Resp: 2216283

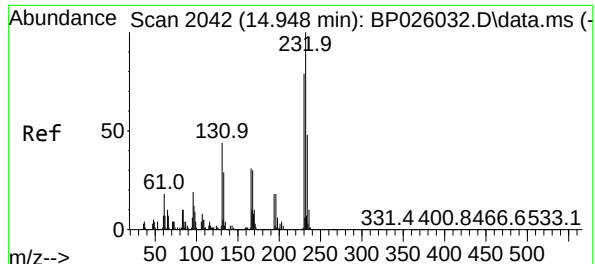
Ion Ratio Lower Upper

166 100

165 97.6 78.1 117.1

167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.213 ng

RT: 14.948 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 556750

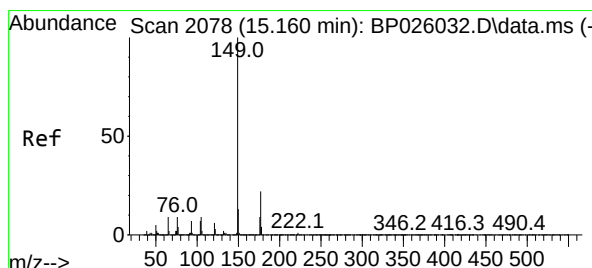
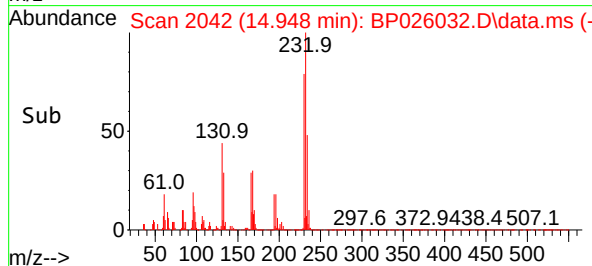
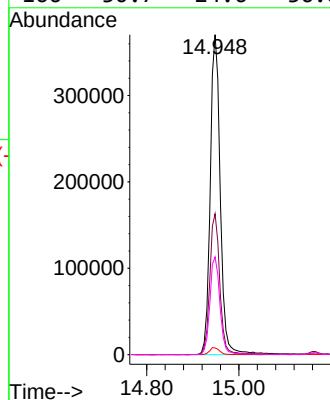
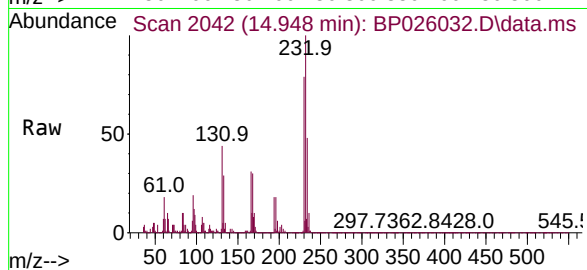
Ion Ratio Lower Upper

232 100

131 44.0 35.2 52.8

130 2.1 1.7 2.5

166 30.7 24.6 36.8



#60

Diethylphthalate

Concen: 42.357 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

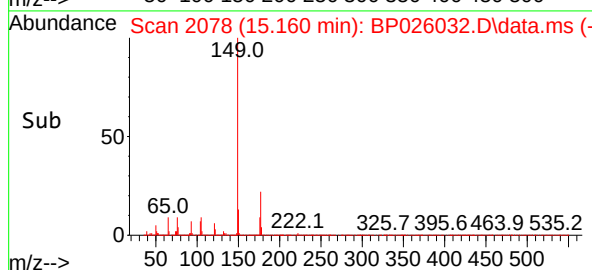
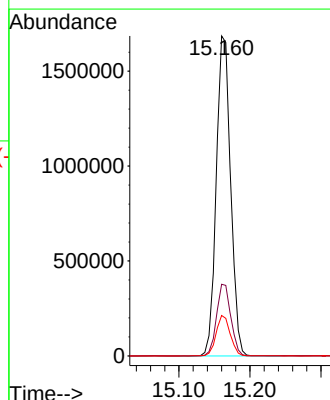
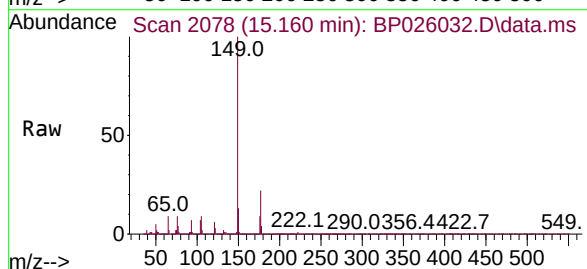
Tgt Ion:149 Resp: 2367180

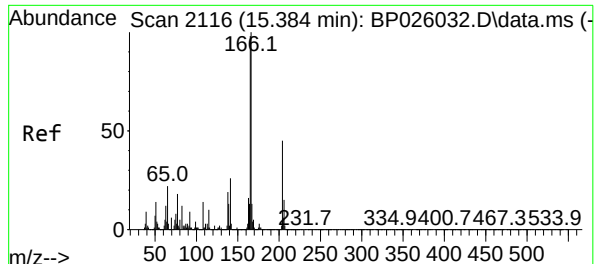
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.6 10.1 15.1

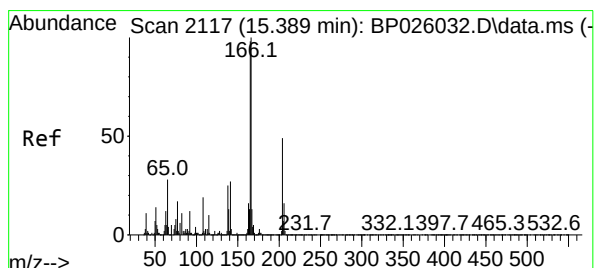
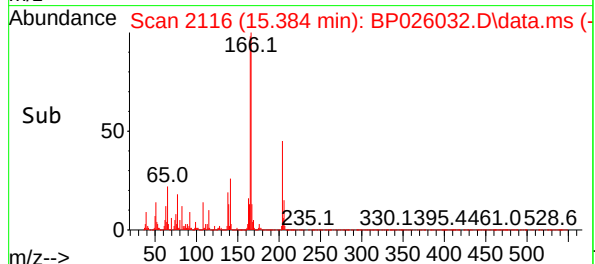
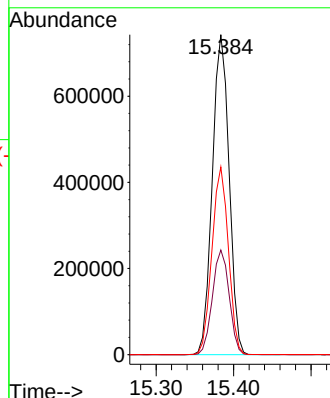
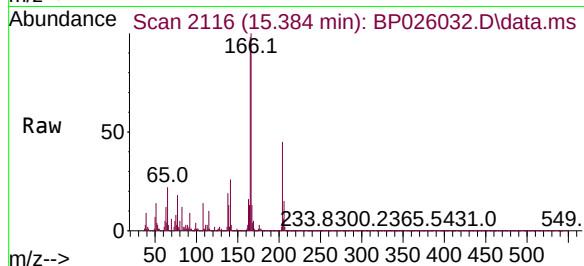




#61
4-Chlorophenyl-phenylether
Concen: 41.008 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

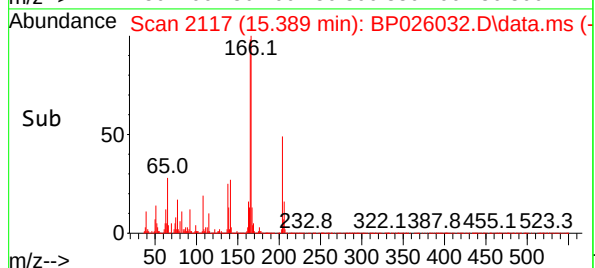
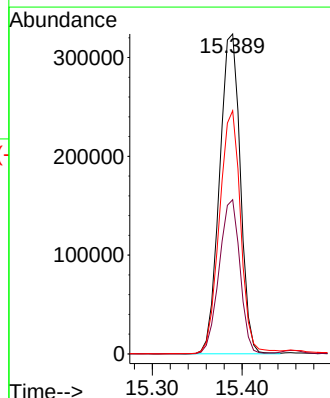
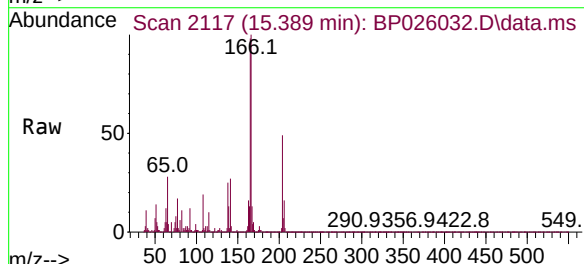
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

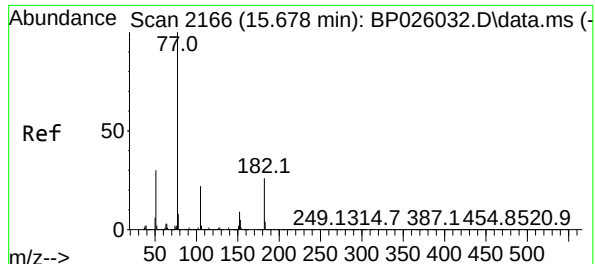
Tgt Ion:204 Resp: 1116700
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 44.005 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:138 Resp: 522724
Ion Ratio Lower Upper
138 100
92 48.2 28.2 68.2
108 76.0 56.0 96.0



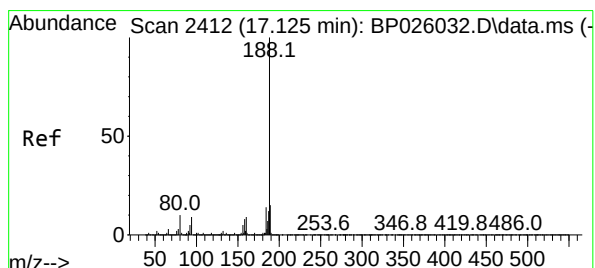
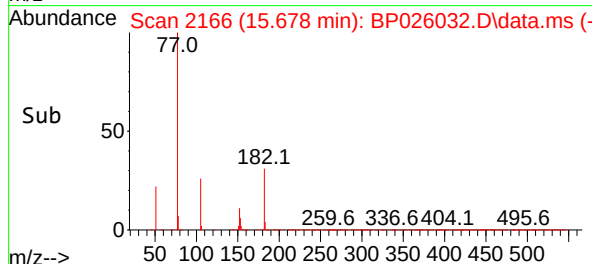
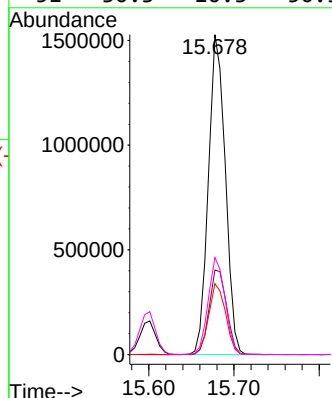
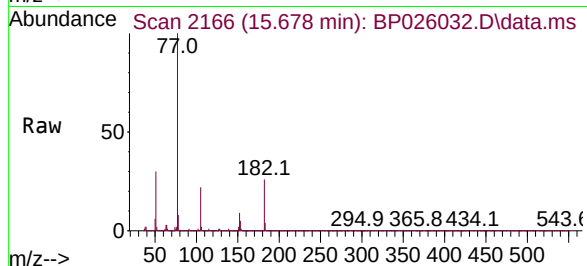


#63
Azobenzene
Concen: 41.601 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2107059

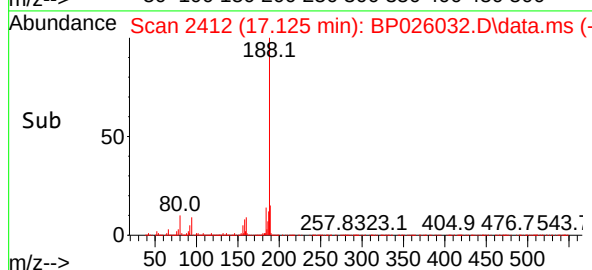
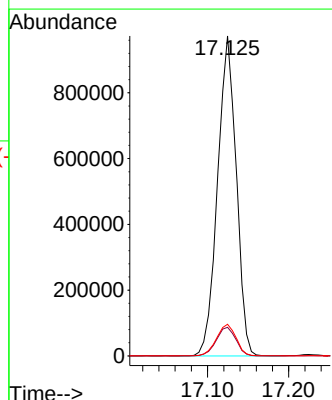
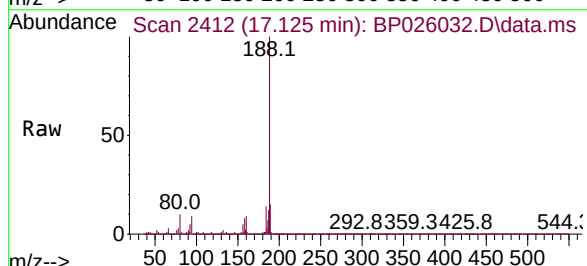
Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.4	46.4
105	22.2	2.2	42.2
51	30.3	10.3	50.3

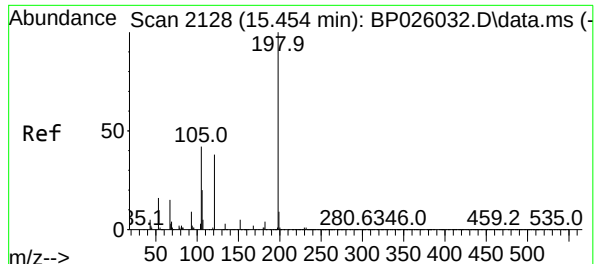


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:188 Resp: 1555861

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.9	7.9	11.9

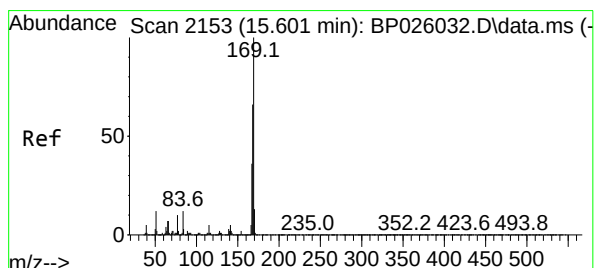
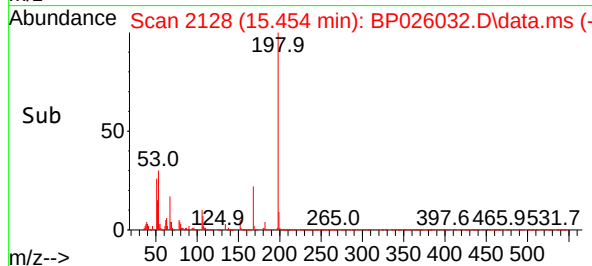
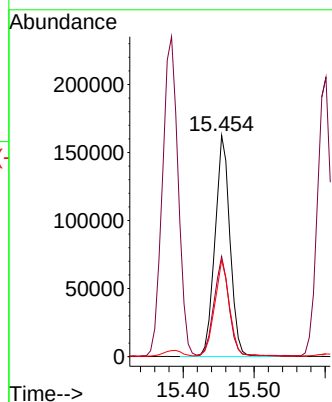
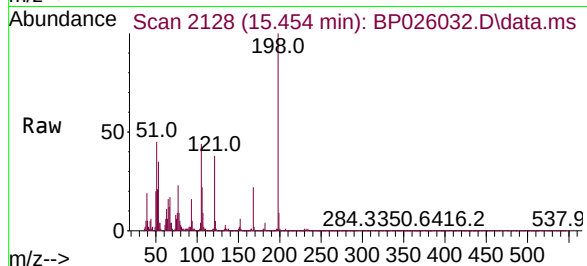




#65
4,6-Dinitro-2-methylphenol
Concen: 39.981 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

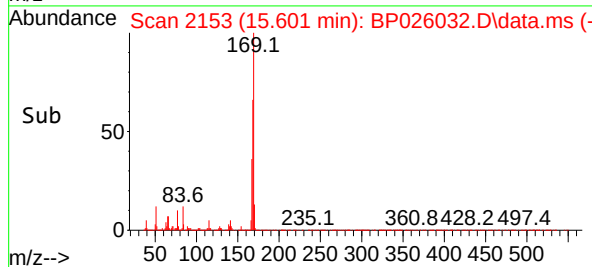
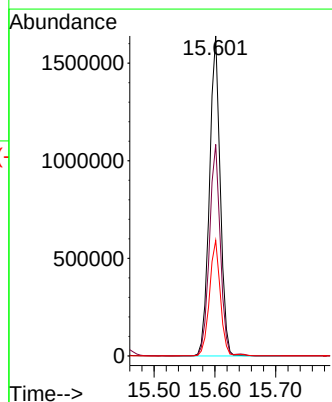
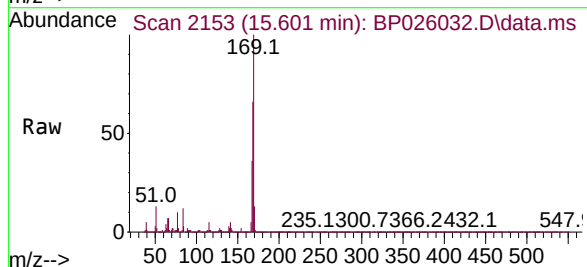
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

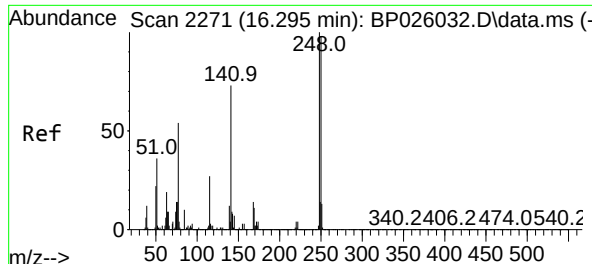
Tgt Ion:198 Resp: 237899
Ion Ratio Lower Upper
198 100
51 45.2 25.2 65.2
105 43.7 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 41.369 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:169 Resp: 2012448
Ion Ratio Lower Upper
169 100
168 66.1 52.9 79.3
167 36.1 28.9 43.3

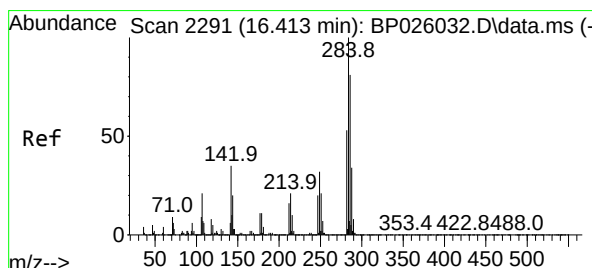
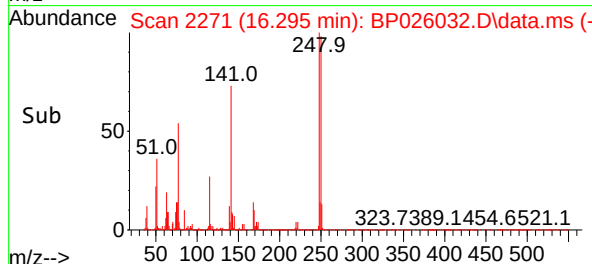
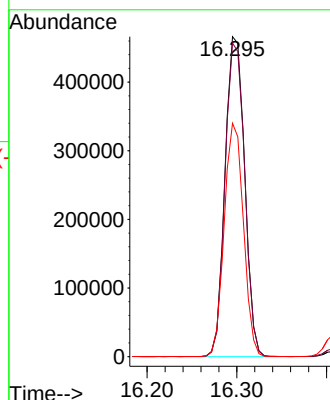
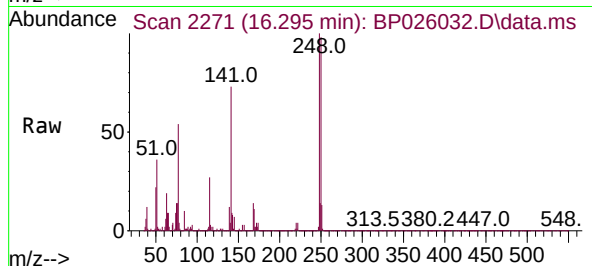




#67
4-Bromophenyl-phenylether
Concen: 41.150 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

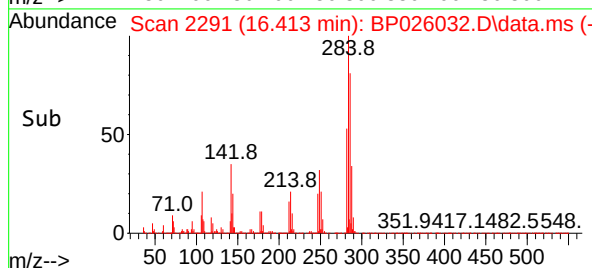
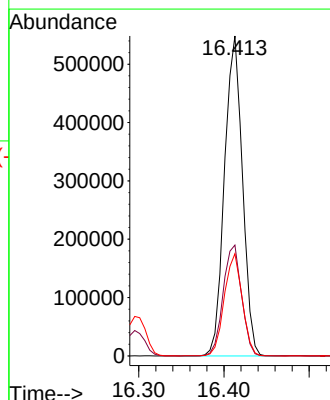
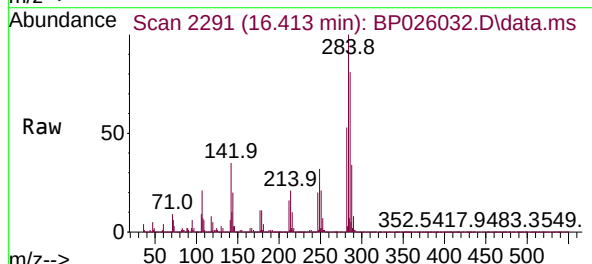
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

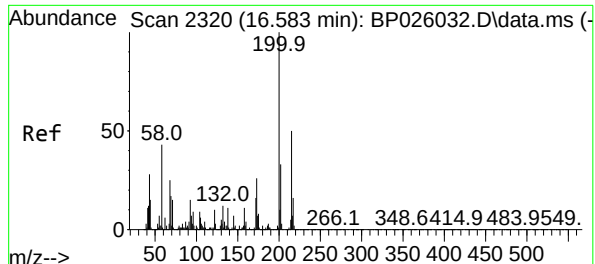
Tgt Ion:248 Resp: 710184
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 72.9 58.3 87.5



#68
Hexachlorobenzene
Concen: 40.808 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:284 Resp: 801740
Ion Ratio Lower Upper
284 100
142 34.6 27.7 41.5
249 31.9 25.5 38.3

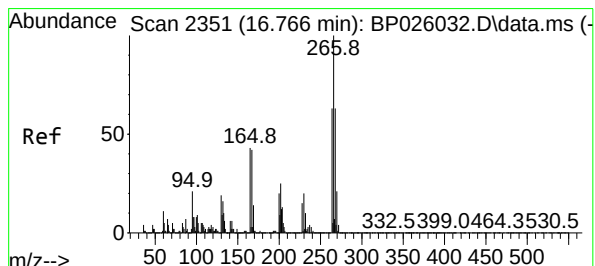
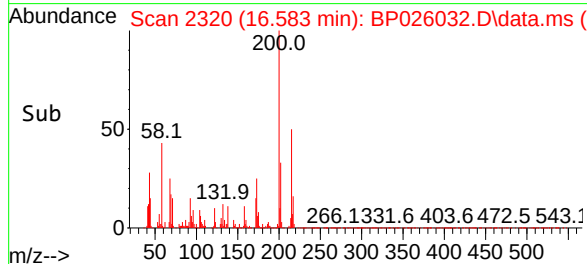
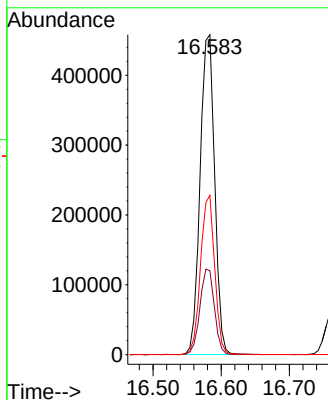
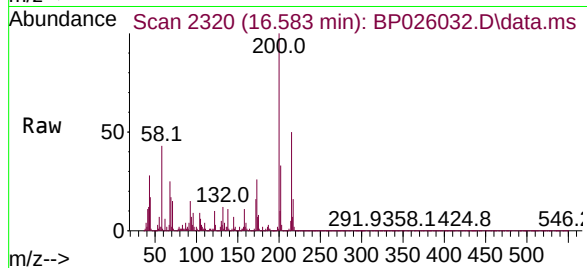




#69
Atrazine
Concen: 41.518 ng
RT: 16.583 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

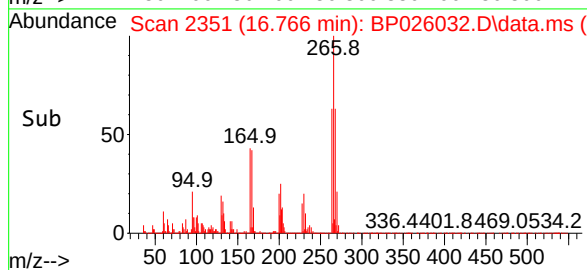
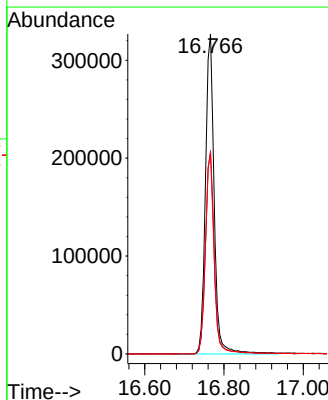
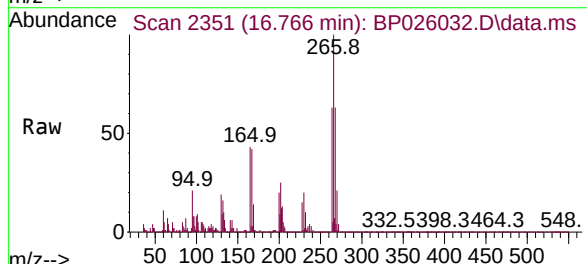
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

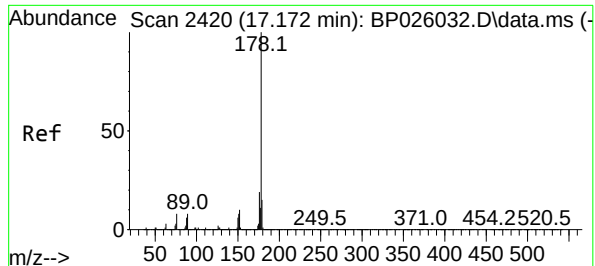
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.2	46.2
215	49.8	29.8	69.8



#70
Pentachlorophenol
Concen: 41.647 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	76.0
264	62.8	50.2	75.4

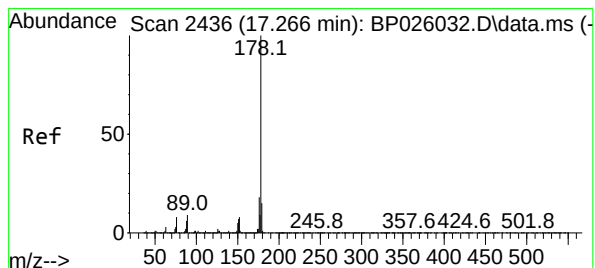
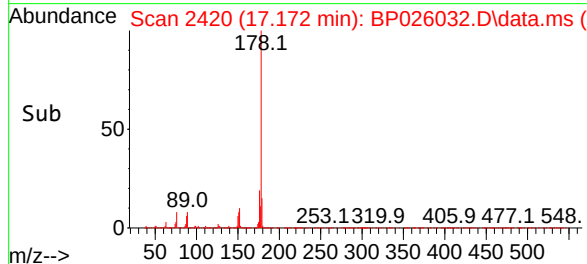
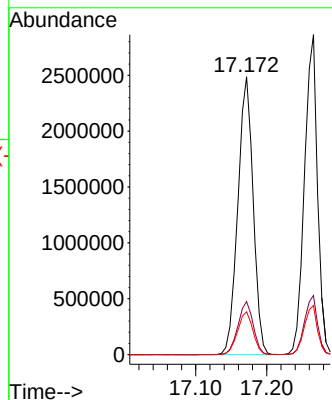
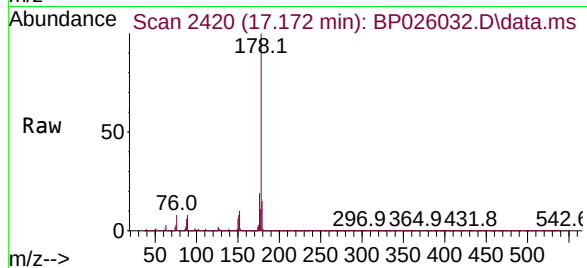




#71
Phenanthrene
Concen: 40.848 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

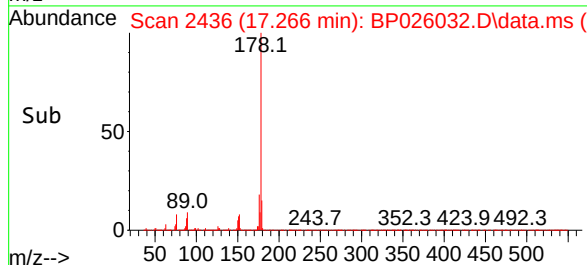
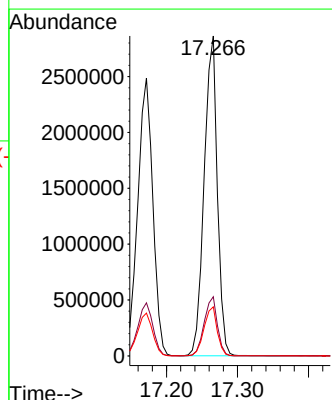
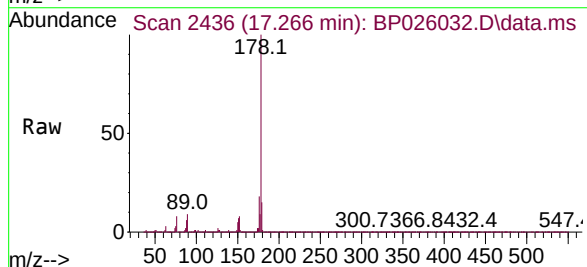
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

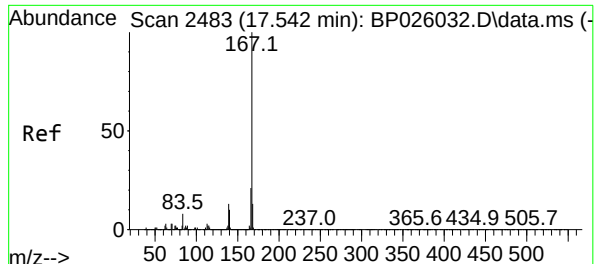
Tgt Ion:178 Resp: 3699137
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.3 18.5



#72
Anthracene
Concen: 40.790 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:178 Resp: 3661573
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4

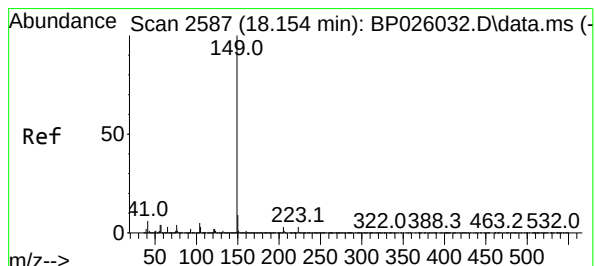
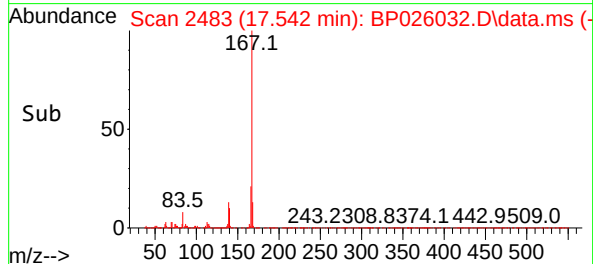
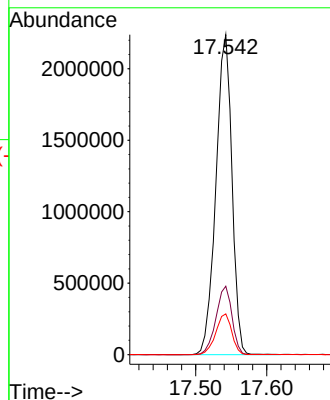
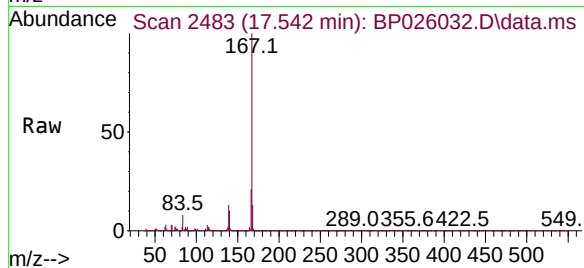




#73
Carbazole
Concen: 41.351 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

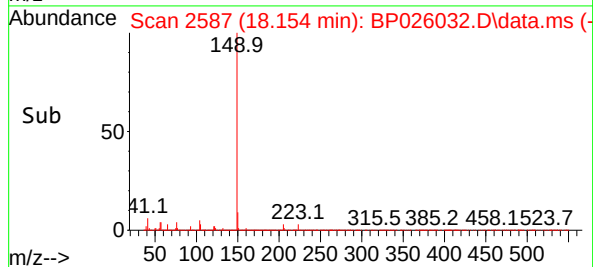
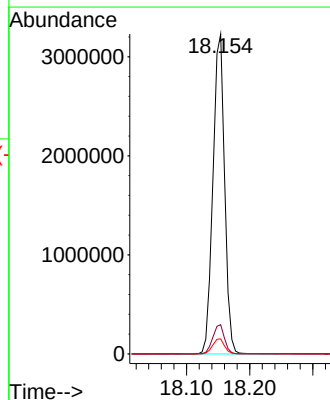
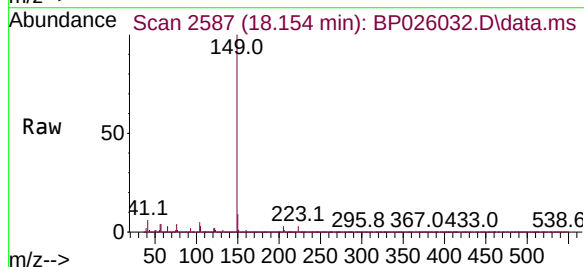
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

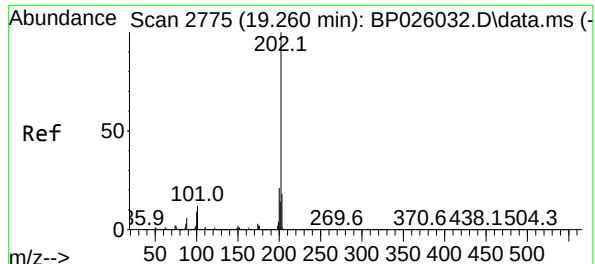
Tgt Ion:167 Resp: 3513761
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.7 10.2 15.2



#74
Di-n-butylphthalate
Concen: 43.610 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 4146570
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.8 5.6

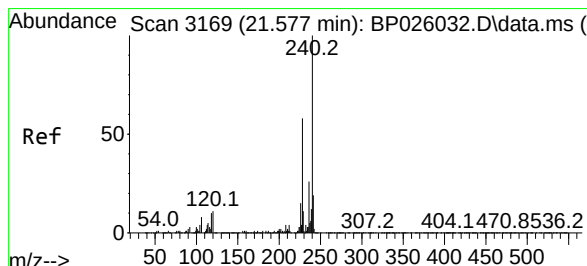
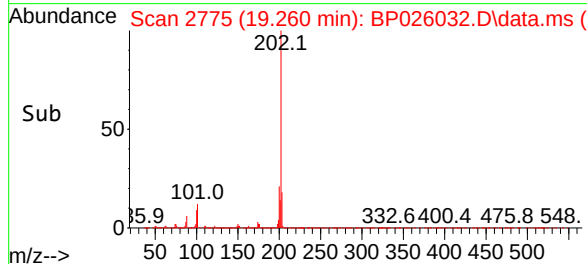
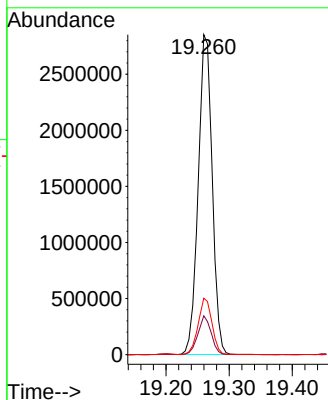
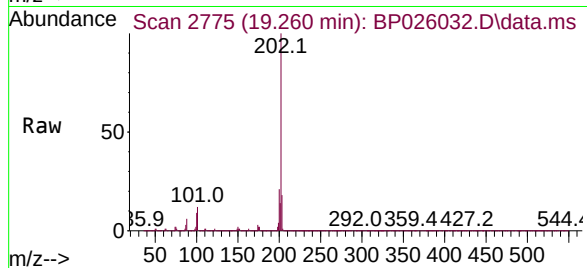




#75
Fluoranthene
Concen: 41.552 ng
RT: 19.260 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

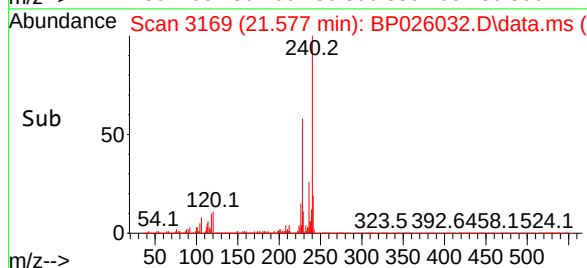
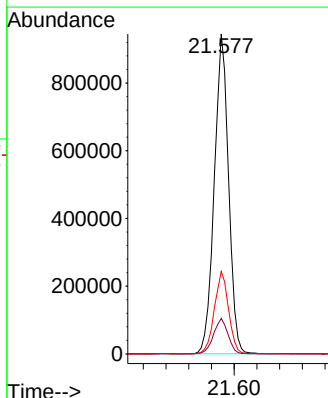
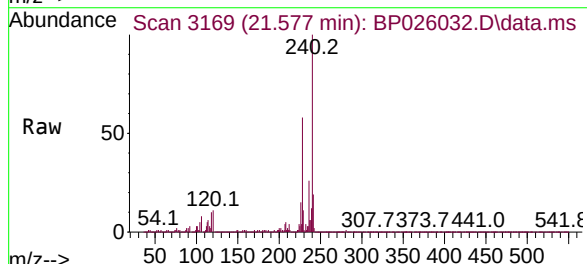
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

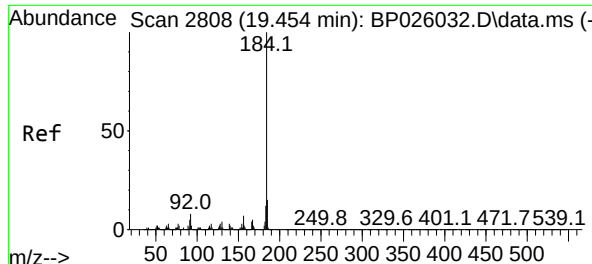
Tgt Ion:202 Resp: 4389430
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.1
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:240 Resp: 1646604
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.8 20.6 31.0

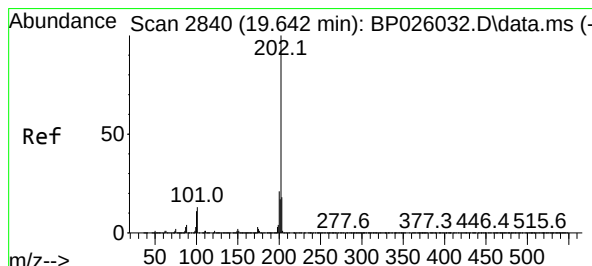
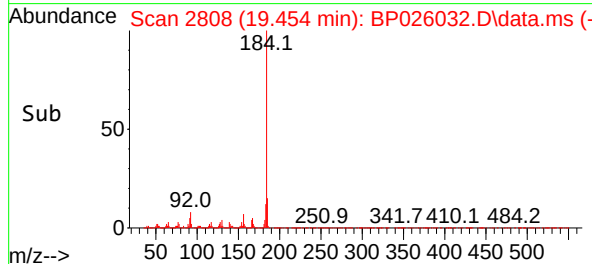
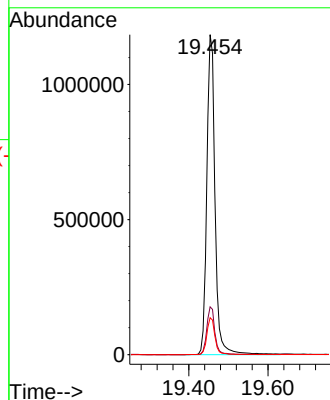
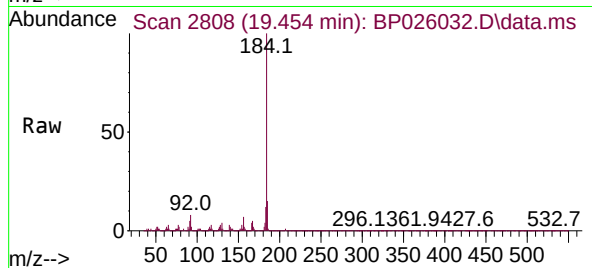




#77
Benzidine
Concen: 40.744 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

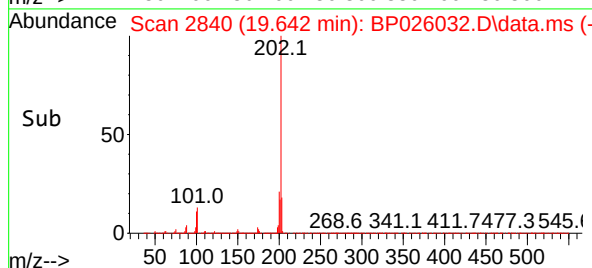
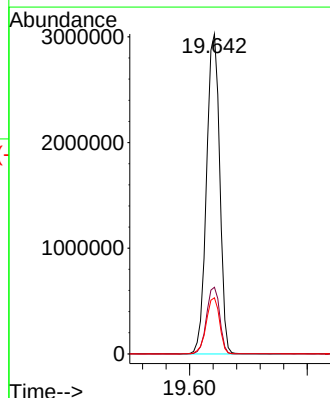
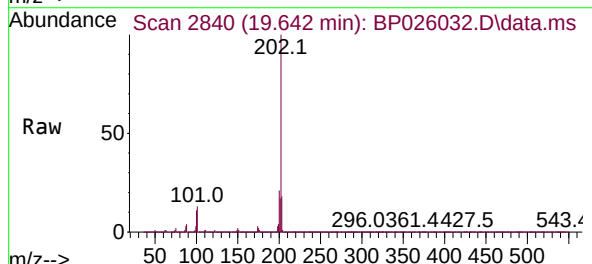
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

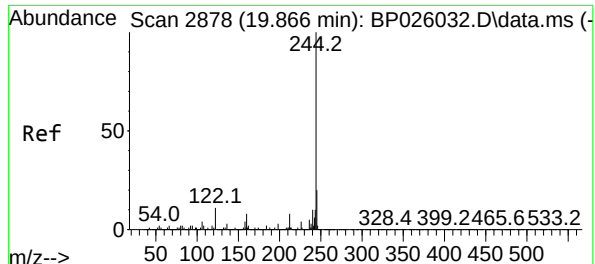
Tgt Ion:184 Resp: 1702883
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.5 9.2 13.8



#78
Pyrene
Concen: 42.194 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:202 Resp: 4699012
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.5 14.0 21.0

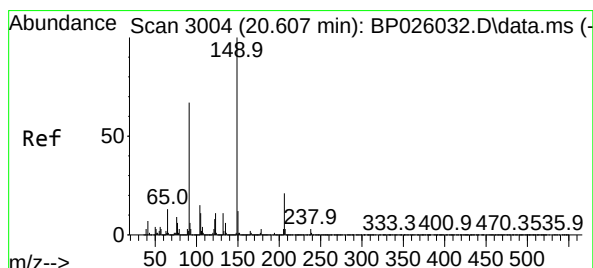
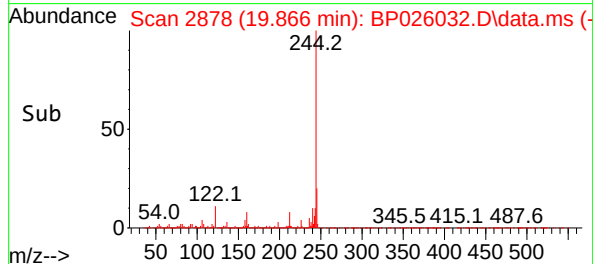
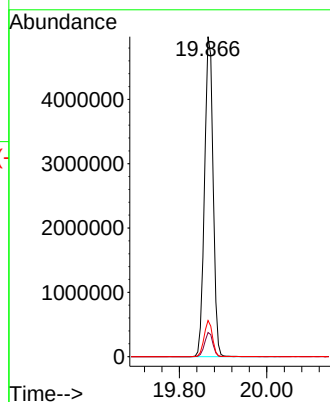
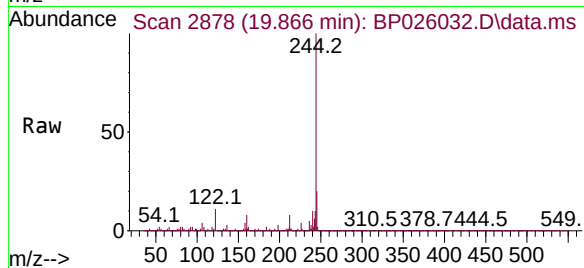




#79
Terphenyl-d14
Concen: 82.377 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

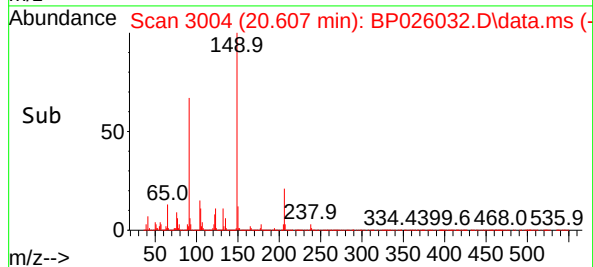
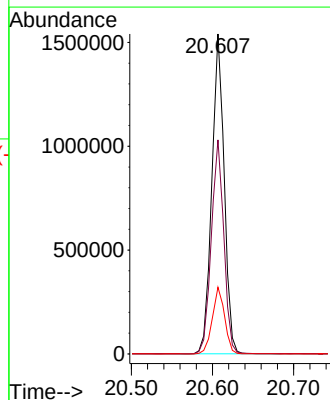
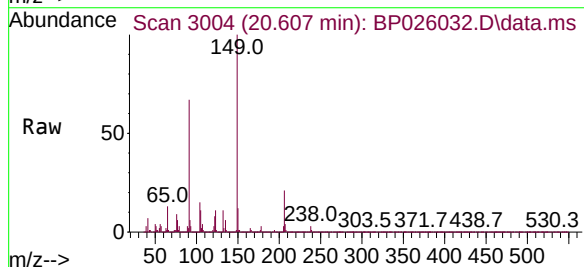
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

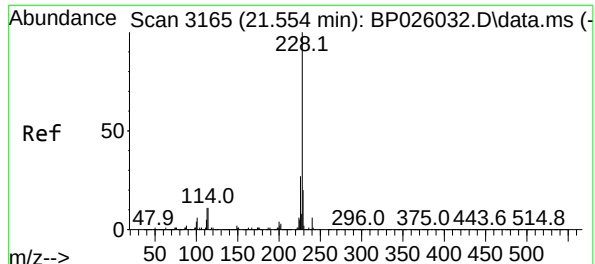
Tgt Ion:244 Resp: 6676375
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.3 9.0 13.6



#80
Butylbenzylphthalate
Concen: 39.905 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 1633601
Ion Ratio Lower Upper
149 100
91 66.9 53.5 80.3
206 20.8 16.6 25.0

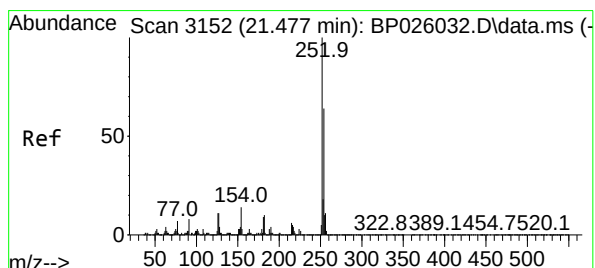
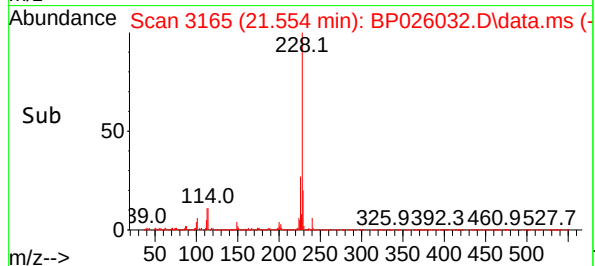
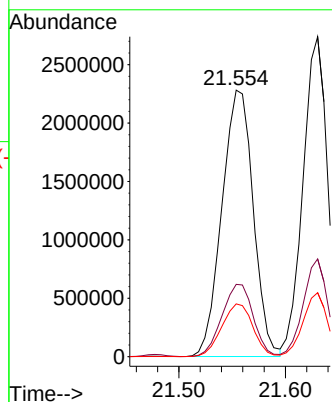
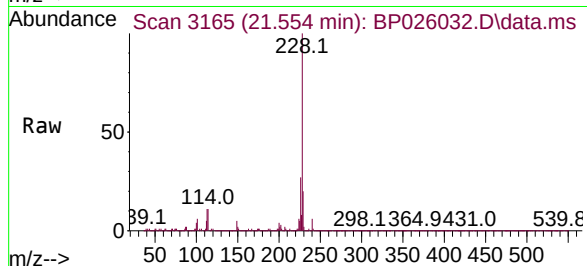




#81
Benzo(a)anthracene
Concen: 41.317 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

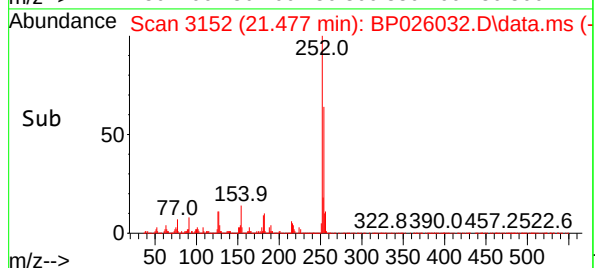
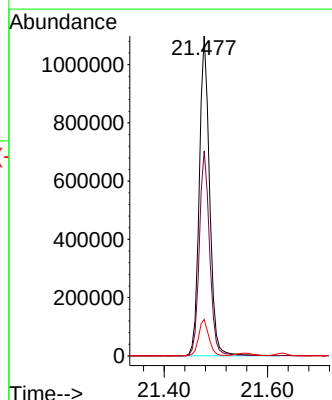
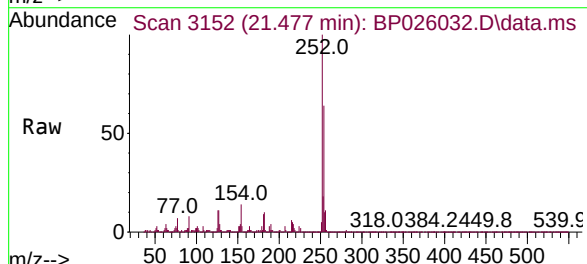
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

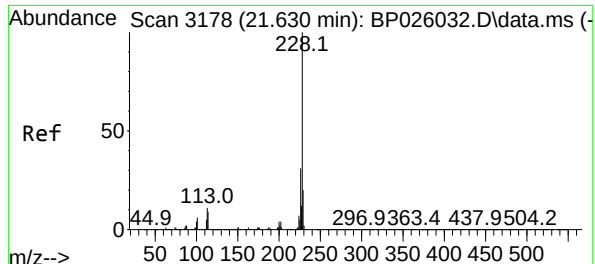
Tgt Ion:228 Resp: 4675082
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.695 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:252 Resp: 1520065
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 11.4 9.1 13.7





#83

Chrysene

Concen: 41.334 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

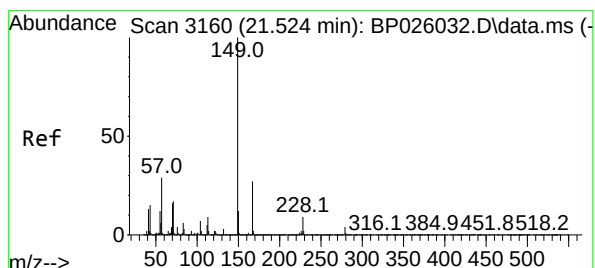
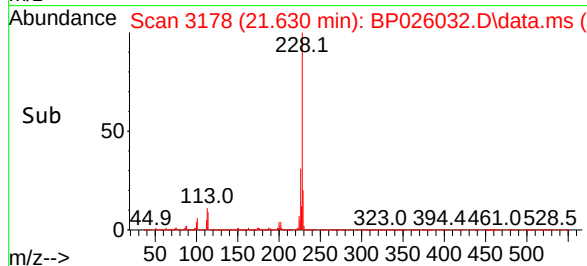
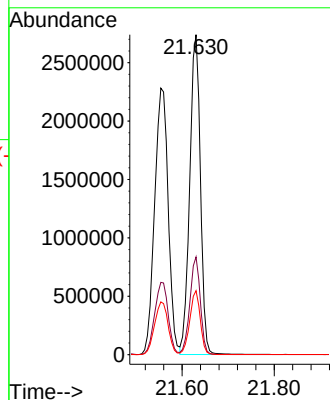
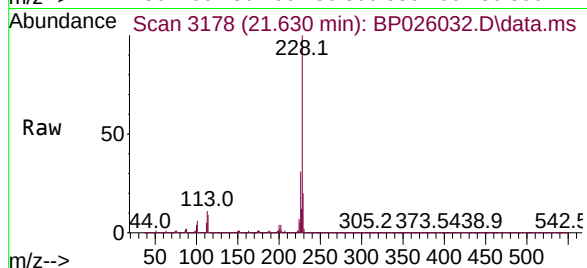
Tgt Ion:228 Resp: 4430345

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.098 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

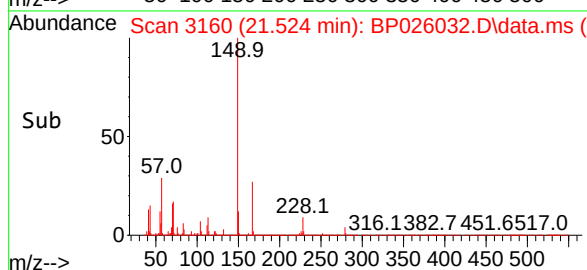
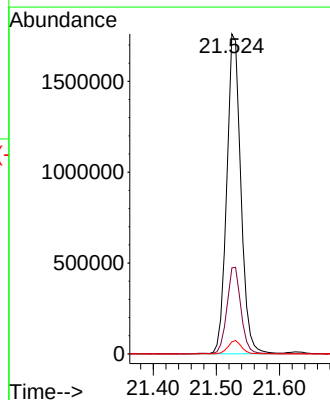
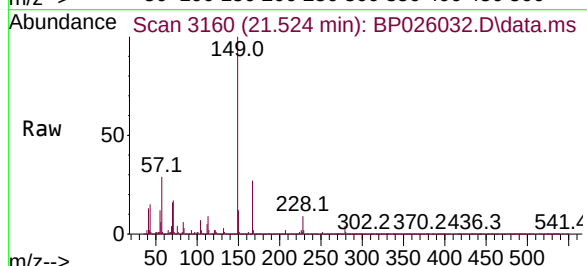
Tgt Ion:149 Resp: 2729269

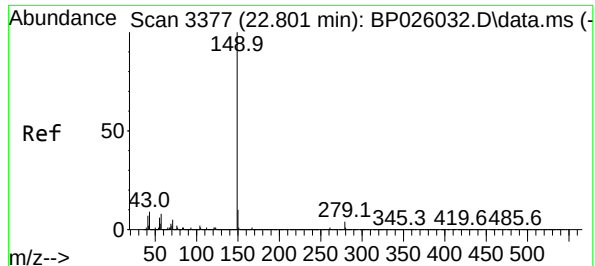
Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

279 3.8 3.0 4.6

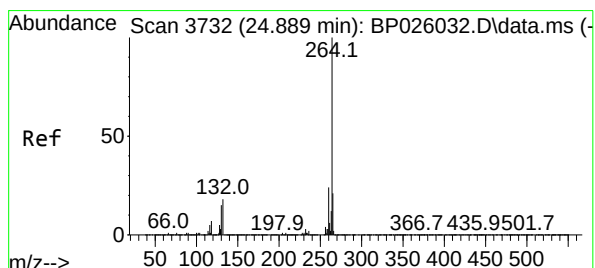
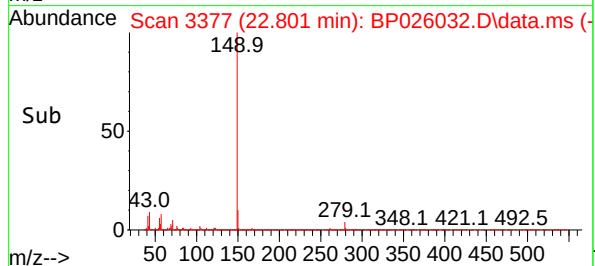
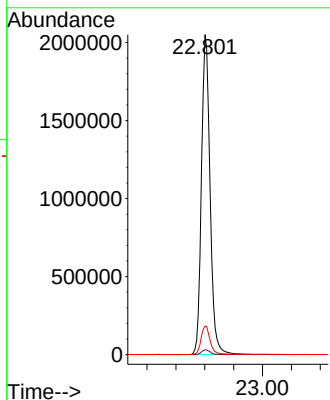
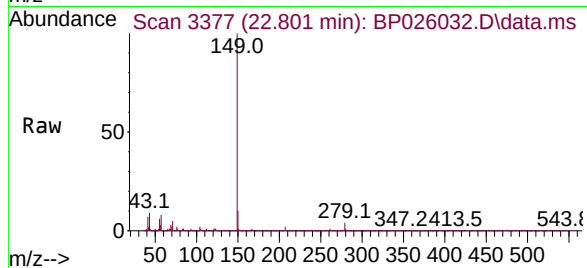




#85
Di-n-octyl phthalate
Concen: 43.233 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

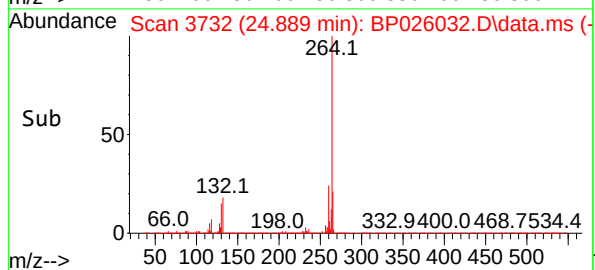
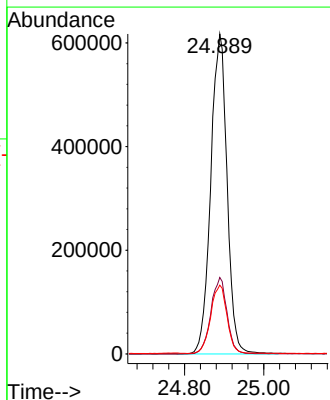
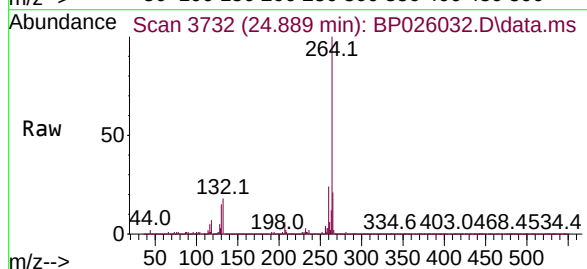
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

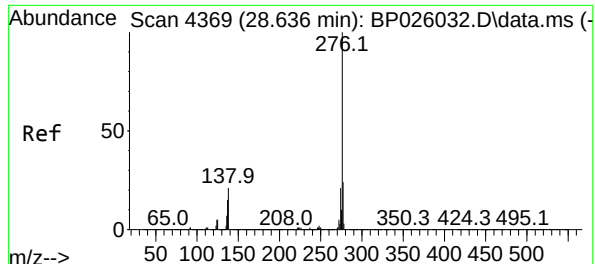
Tgt Ion:149 Resp: 4237623
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:264 Resp: 1760712
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.5 17.2 25.8

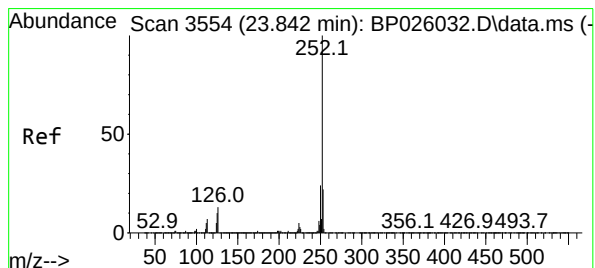
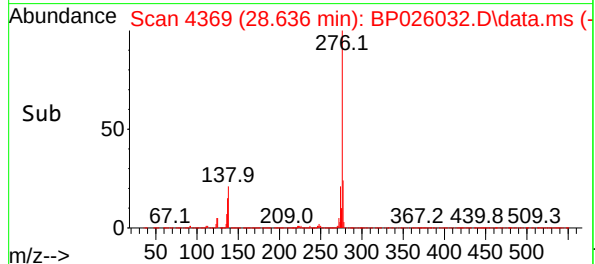
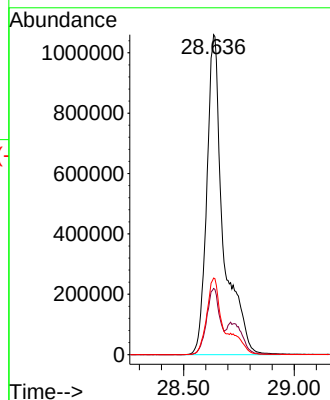
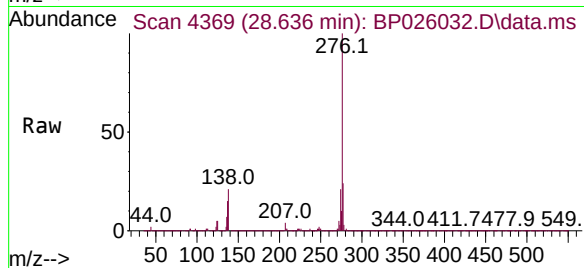




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.386 ng
RT: 28.636 min Scan# 4369
Delta R.T. -0.023 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

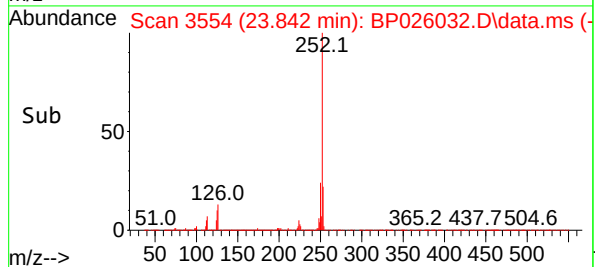
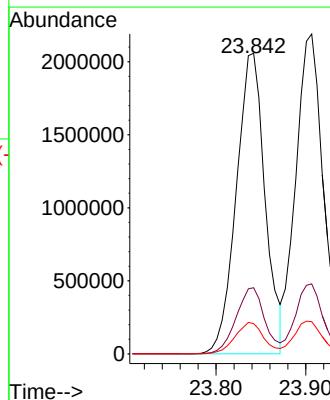
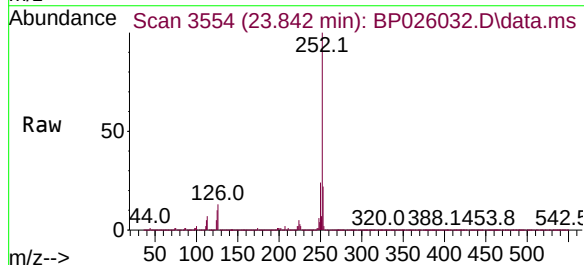
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

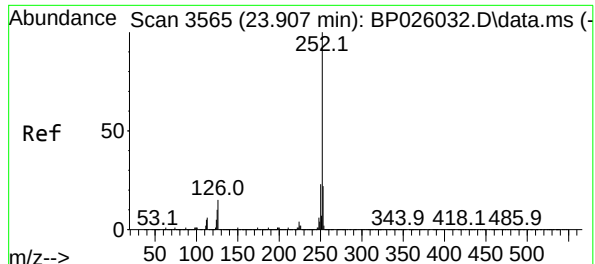
Tgt Ion:276 Resp: 5507457
Ion Ratio Lower Upper
276 100
138 16.5 13.2 19.8
277 20.4 16.3 24.5



#88
Benzo(b)fluoranthene
Concen: 42.083 ng
RT: 23.842 min Scan# 3554
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:252 Resp: 4599800
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 41.983 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

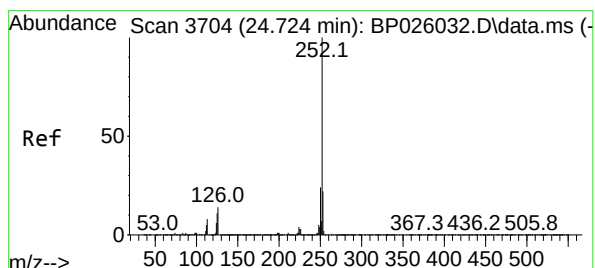
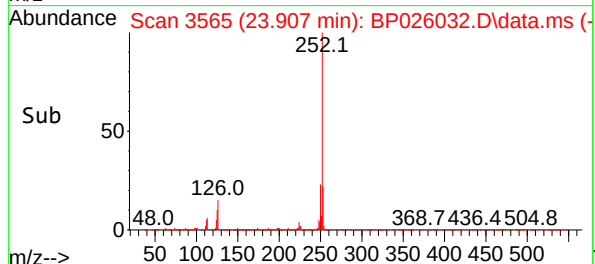
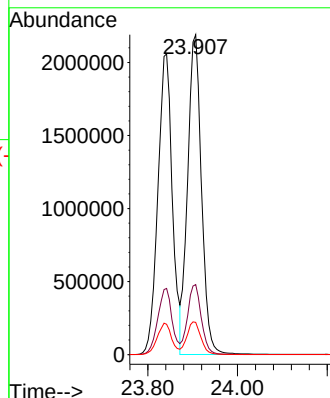
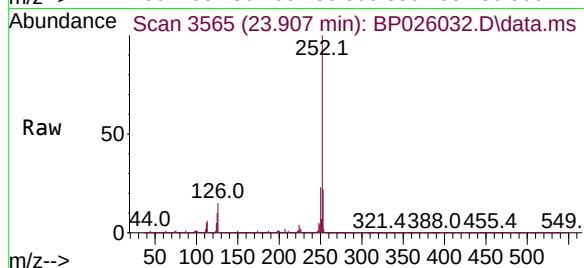
Tgt Ion:252 Resp: 4686005

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 42.443 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

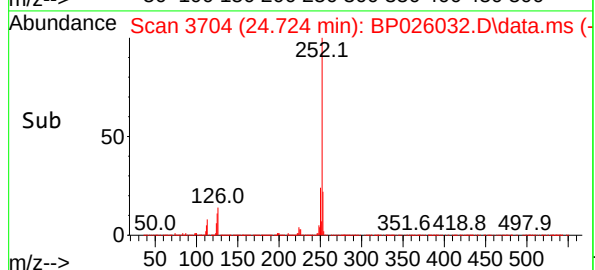
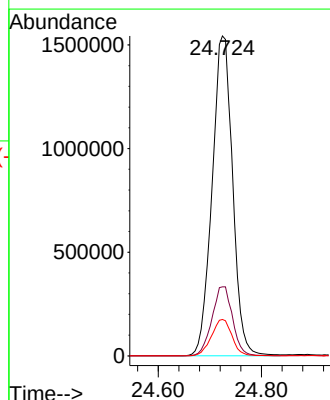
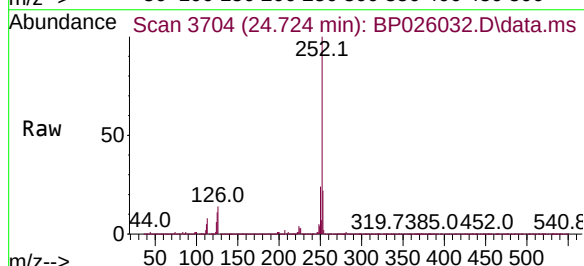
Tgt Ion:252 Resp: 4261972

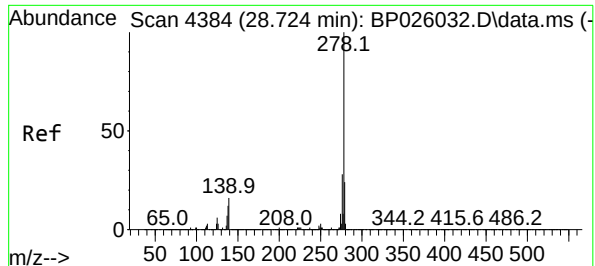
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 42.397 ng

RT: 28.724 min Scan# 4384

Delta R.T. -0.023 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

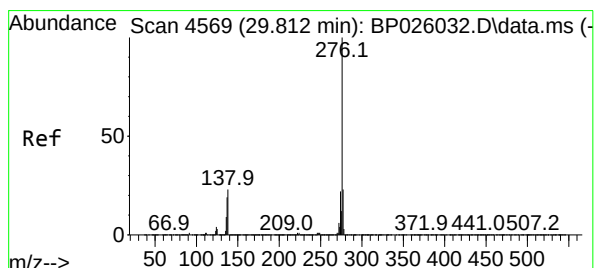
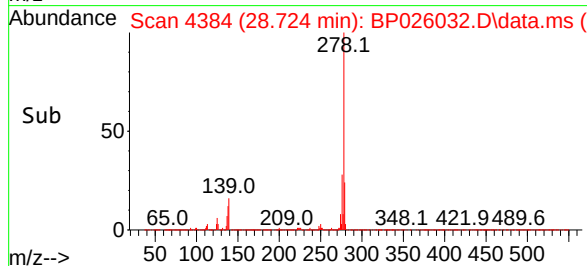
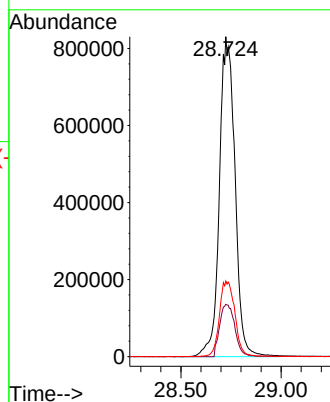
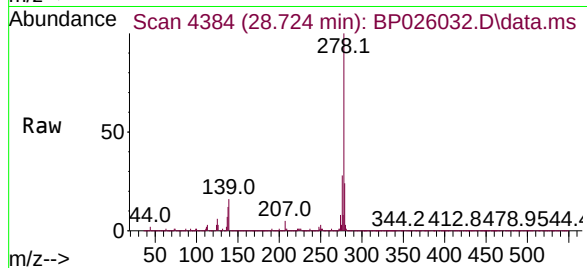
Tgt Ion:278 Resp: 4484851

Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.6

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 41.915 ng

RT: 29.812 min Scan# 4569

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

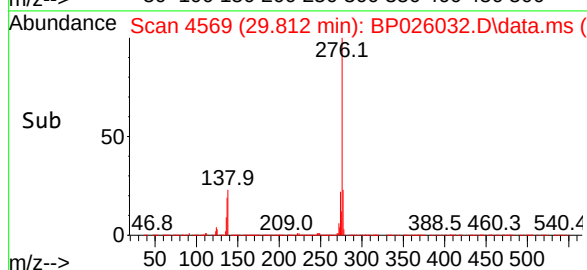
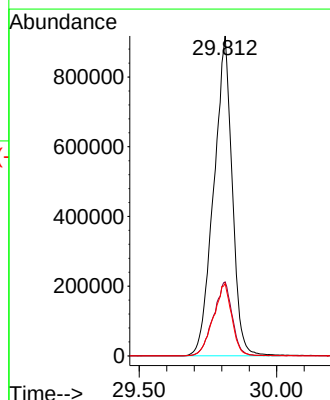
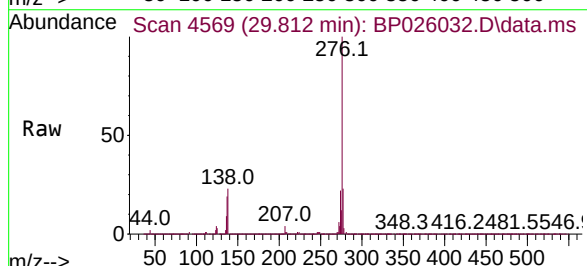
Tgt Ion:276 Resp: 4266684

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 22.6 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026033.D
 Acq On : 29 Oct 2025 12:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	349214	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1438966	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	904273	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1803155	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1902632	20.000	ng	0.00
86) Perylene-d12	24.883	264	2091380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1961372	92.678	ng	0.00
7) Phenol-d6	6.855	99	2487382	92.341	ng	0.00
23) Nitrobenzene-d5	8.825	82	2201797	95.388	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	946601	96.828	ng	0.00
45) 2-Fluorobiphenyl	12.937	172	5564834	88.427	ng	0.00
79) Terphenyl-d14	19.866	244	8183730	87.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	395783	44.361	ng	99
3) Pyridine	3.625	79	1138611	44.894	ng	100
4) n-Nitrosodimethylamine	3.537	42	455456	44.806	ng	99
6) Aniline	7.019	93	1645368	45.768	ng	99
8) 2-Chlorophenol	7.255	128	1102018	47.024	ng	99
9) Benzaldehyde	6.837	77	584865	41.768	ng	98
10) Phenol	6.884	94	1369223	45.786	ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1072428	45.441	ng	100
12) 1,3-Dichlorobenzene	7.578	146	1208921	44.919	ng	100
13) 1,4-Dichlorobenzene	7.719	146	1221221	44.879	ng	100
14) 1,2-Dichlorobenzene	8.037	146	1168413	44.998	ng	99
15) Benzyl Alcohol	7.919	79	890562	45.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1611516	45.181	ng	100
17) 2-Methylphenol	8.113	107	922978	47.134	ng	99
18) Hexachloroethane	8.755	117	427757	45.939	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	789416	47.211	ng	98
20) 3+4-Methylphenols	8.437	107	1248064	45.814	ng	99
22) Acetophenone	8.496	105	1638579	45.025	ng	# 98
24) Nitrobenzene	8.866	77	1139668	46.762	ng	100
25) Isophorone	9.390	82	2274125	46.029	ng	99
26) 2-Nitrophenol	9.572	139	447065	49.734	ng	97
27) 2,4-Dimethylphenol	9.631	122	966770	46.532	ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1423542	45.719	ng	99
29) 2,4-Dichlorophenol	10.096	162	1050277	47.877	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1082702	45.408	ng	98
31) Naphthalene	10.501	128	3517083	44.821	ng	99
32) Benzoic acid	9.760	122	583423	46.816	ng	98
33) 4-Chloroaniline	10.607	127	1380084	45.768	ng	99
34) Hexachlorobutadiene	10.801	225	683383	45.101	ng	99
35) Caprolactam	11.372	113	356316	46.253	ng	95
36) 4-Chloro-3-methylphenol	11.725	107	1091555	47.466	ng	99
37) 2-Methylnaphthalene	12.113	142	2496690	45.460	ng	99
38) 1-Methylnaphthalene	12.343	142	2384802	44.696	ng	98
40) 1,2,4,5-Tetrachloroben...	12.490	216	1276225	45.422	ng	99
41) Hexachlorocyclopentadiene	12.478	237	492338	47.892	ng	97
43) 2,4,6-Trichlorophenol	12.725	196	814315	49.033	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026033.D
 Acq On : 29 Oct 2025 12:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	915816	48.327	ng	98
46) 1,1'-Biphenyl	13.143	154	3114348	44.979	ng	99
47) 2-Chloronaphthalene	13.184	162	2465203	45.251	ng	99
48) 2-Nitroaniline	13.378	65	626496	45.673	ng	100
49) Acenaphthylene	14.037	152	3657970	46.069	ng	99
50) Dimethylphthalate	13.772	163	2990506	45.465	ng	100
51) 2,6-Dinitrotoluene	13.884	165	554294	45.947	ng	100
52) Acenaphthene	14.389	154	2461012	45.148	ng	100
53) 3-Nitroaniline	14.213	138	666202	45.125	ng	98
54) 2,4-Dinitrophenol	14.413	184	217265	46.408	ng	# 85
55) Dibenzofuran	14.725	168	3647999	44.295	ng	98
56) 4-Nitrophenol	14.519	139	583197	44.465	ng	99
57) 2,4-Dinitrotoluene	14.684	165	812960	46.376	ng	96
58) Fluorene	15.395	166	2848597	44.149	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	741007	49.733	ng	100
60) Diethylphthalate	15.178	149	3052331	46.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	1408511	43.714	ng	99
62) 4-Nitroaniline	15.401	138	673347	47.907	ng	100
63) Azobenzene	15.695	77	2685827	44.816	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	336876	46.617	ng	94
66) n-Nitrosodiphenylamine	15.613	169	2556770	45.350	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	918587	45.926	ng	99
68) Hexachlorobenzene	16.419	284	1017148	44.671	ng	98
69) Atrazine	16.583	200	868165	45.648	ng	98
70) Pentachlorophenol	16.766	266	667717	48.009	ng	100
71) Phenanthrene	17.172	178	4646242	44.270	ng	100
72) Anthracene	17.266	178	4704548	45.221	ng	100
73) Carbazole	17.542	167	4367887	44.353	ng	99
74) Di-n-butylphthalate	18.160	149	5391627	48.928	ng	100
75) Fluoranthene	19.260	202	5518479	45.075	ng	99
77) Benzidine	19.460	184	2144466	44.405	ng	100
78) Pyrene	19.636	202	5789133	44.987	ng	99
80) Butylbenzylphthalate	20.607	149	2226346	46.457	ng	99
81) Benzo(a)anthracene	21.548	228	5824139	44.546	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	1980734	47.020	ng	99
83) Chrysene	21.619	228	5558878	44.884	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3652585	47.172	ng	98
85) Di-n-octyl phthalate	22.807	149	5887832	51.985	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	7169922m	46.456	ng	
88) Benzo(b)fluoranthene	23.854	252	6008578	46.280	ng	100
89) Benzo(k)fluoranthene	23.924	252	5963953	44.984	ng	100
90) Benzo(a)pyrene	24.742	252	5510203	46.197	ng	99
91) Dibenzo(a,h)anthracene	28.753	278	5841467	46.490	ng	99
92) Benzo(g,h,i)perylene	29.812	276	5581541	46.163	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026033.D
 Acq On : 29 Oct 2025 12:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

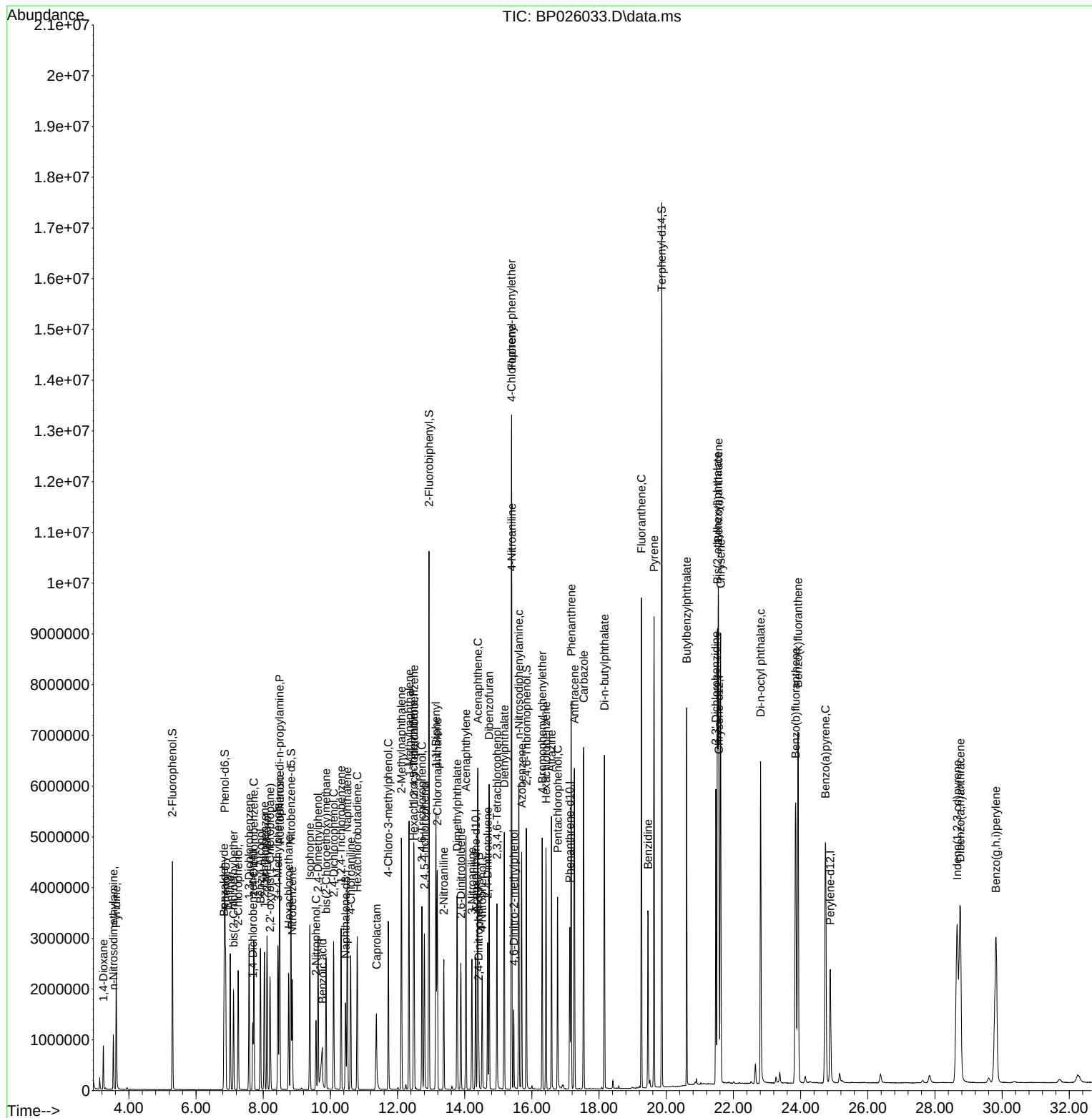
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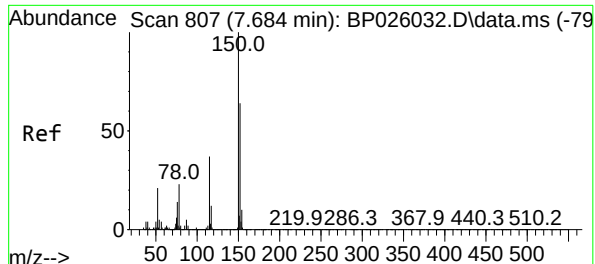
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

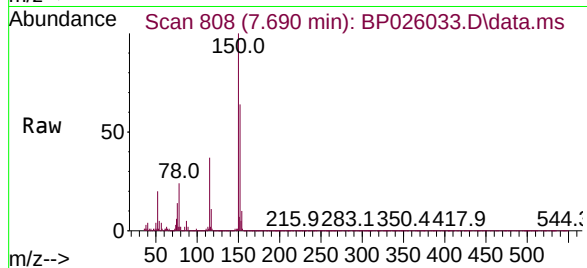
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

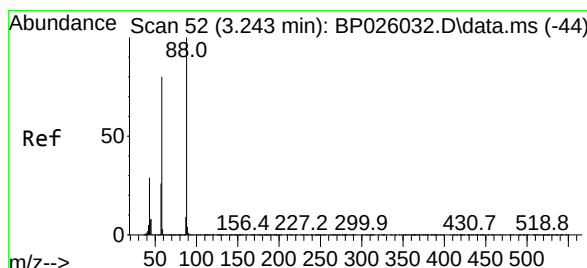
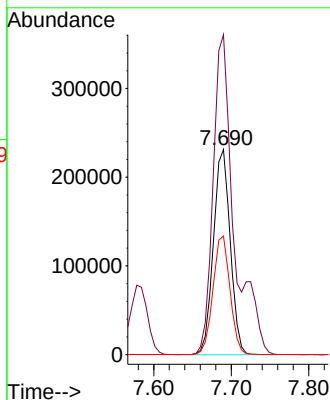
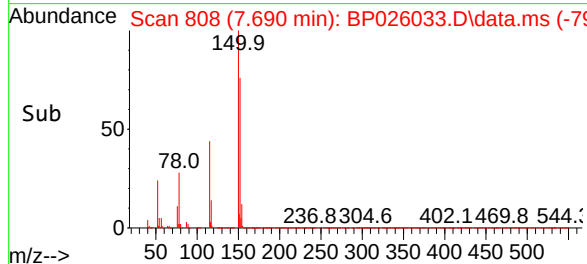
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 349214
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 57.8 46.4 69.6

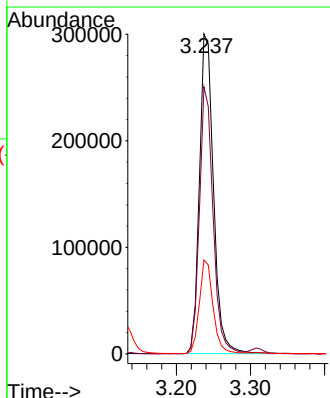
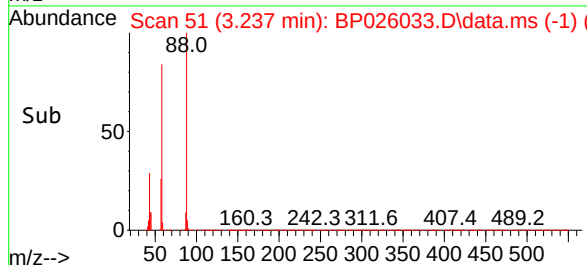
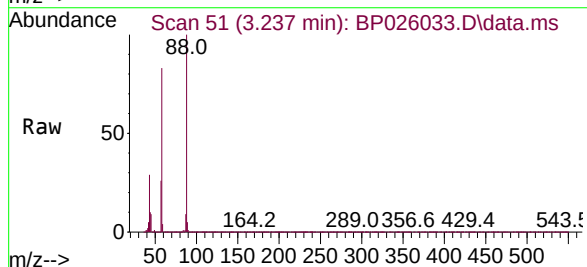
Manual Integrations
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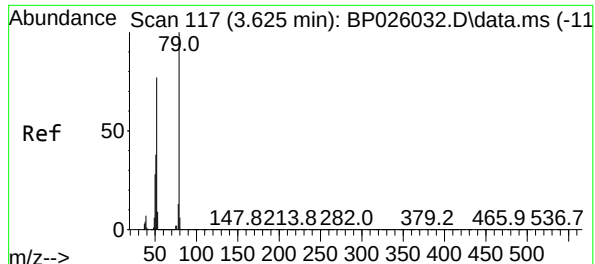
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 44.361 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

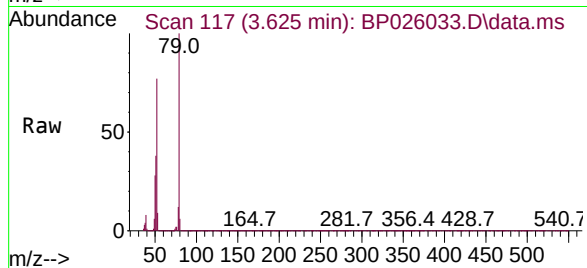
Tgt Ion: 88 Resp: 395783
Ion Ratio Lower Upper
88 100
58 80.9 65.4 98.0
43 29.0 23.1 34.7





#3
Pyridine
Concen: 44.894 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

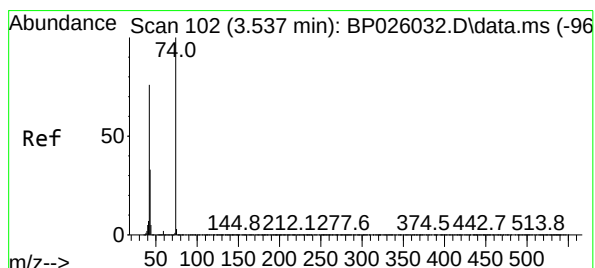
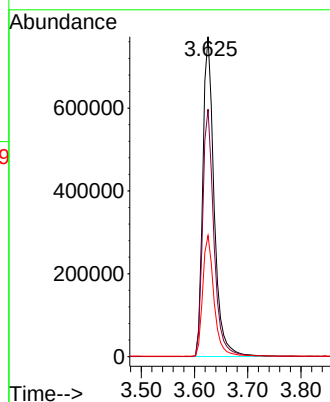
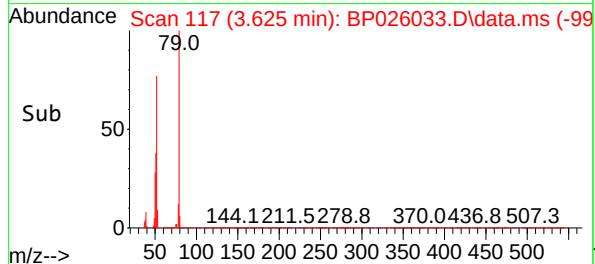
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 113861
Ion Ratio Lower Upper
79 100
52 77.3 62.0 93.0
51 37.8 30.6 46.0

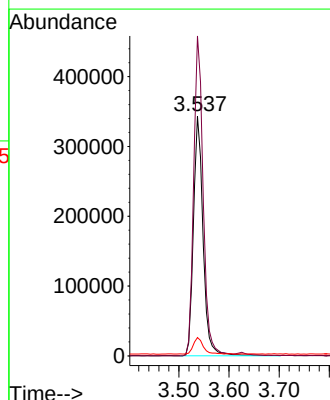
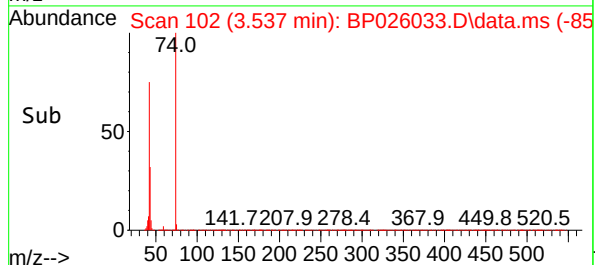
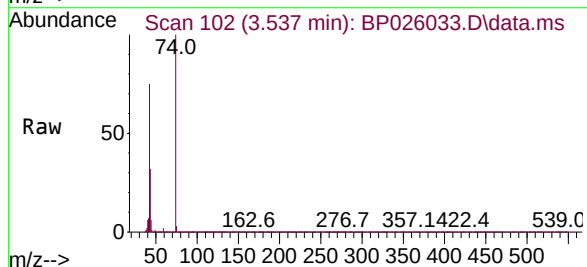
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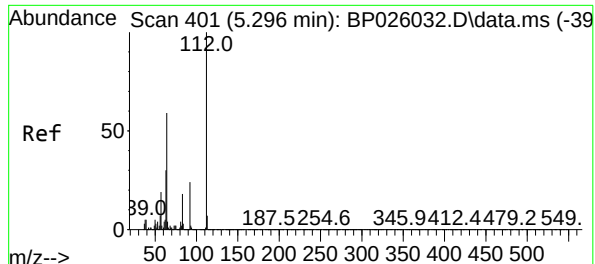
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 44.806 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

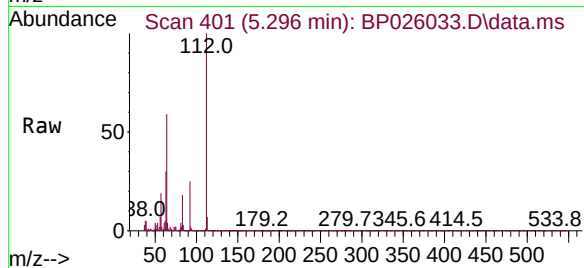
Tgt Ion: 42 Resp: 455456
Ion Ratio Lower Upper
42 100
74 133.5 105.7 158.5
44 7.7 6.6 9.8





#5
2-Fluorophenol
Concen: 92.678 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

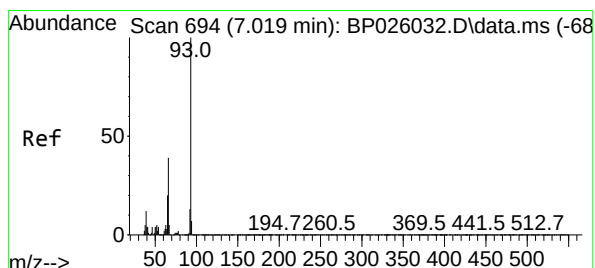
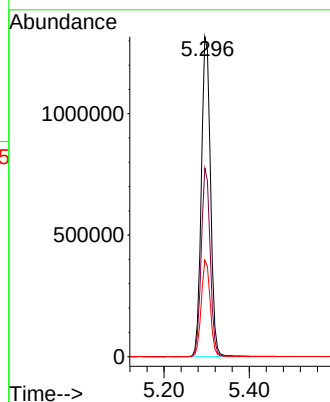
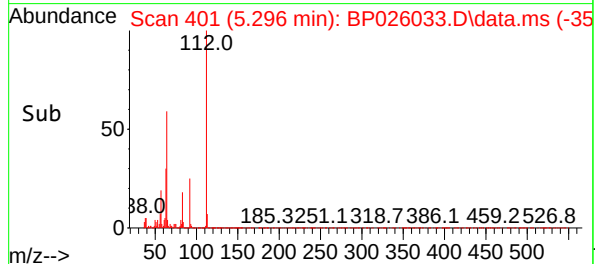
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 1961372
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.2
63 30.1 24.2 36.4

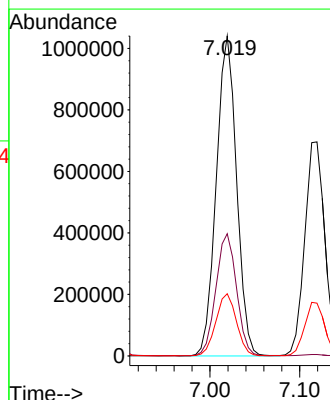
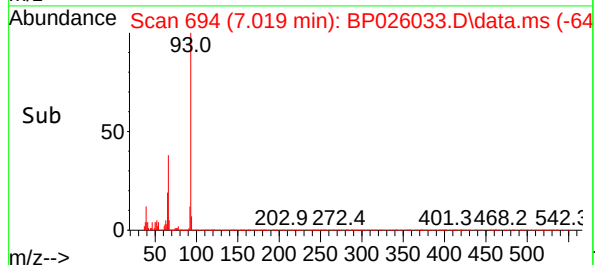
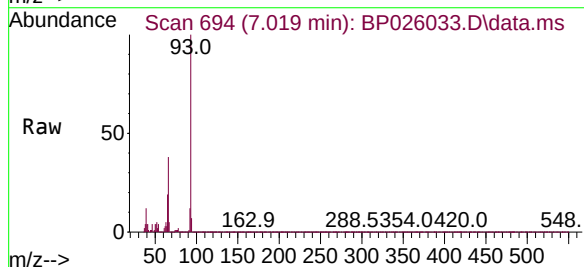
Manual Integrations
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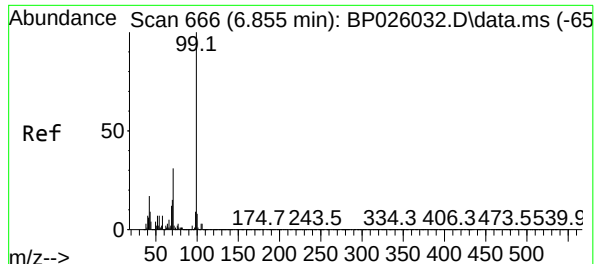
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 45.768 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

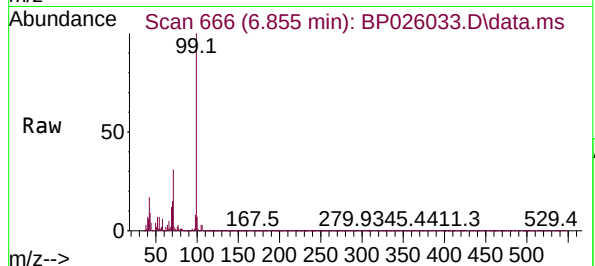
Tgt Ion: 93 Resp: 1645368
Ion Ratio Lower Upper
93 100
66 38.2 31.2 46.8
65 19.4 16.1 24.1





#7
Phenol-d6
Concen: 92.341 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

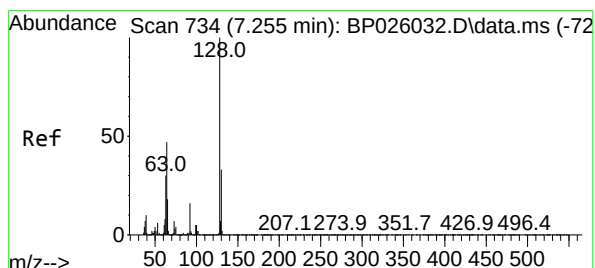
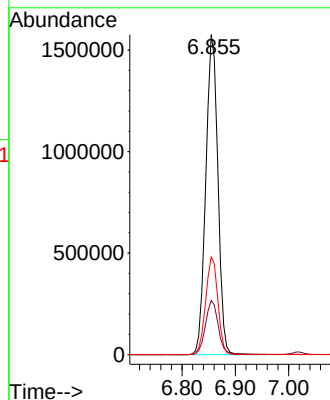
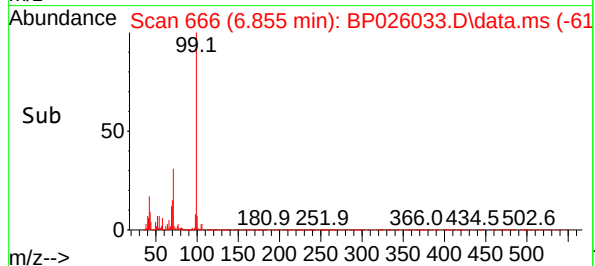
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion: 99 Resp: 2487382
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 30.5 24.4 36.6

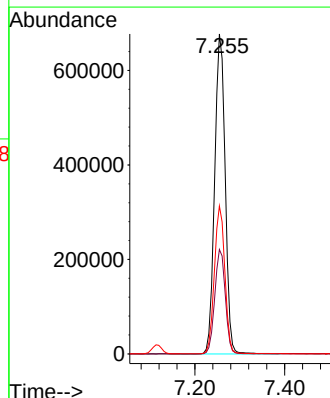
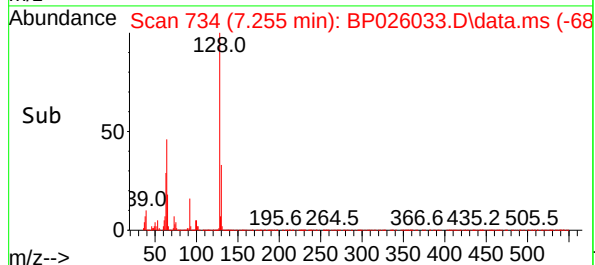
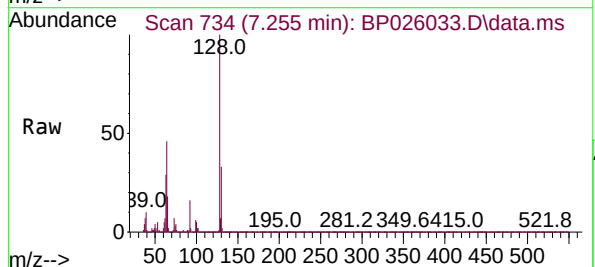
Manual Integrations
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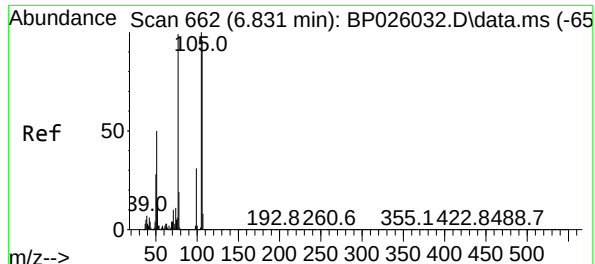
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 47.024 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:128 Resp: 1102018
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 46.2 27.4 67.4





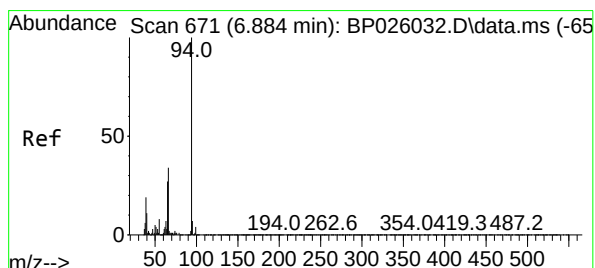
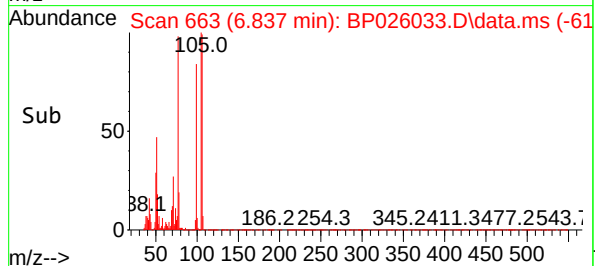
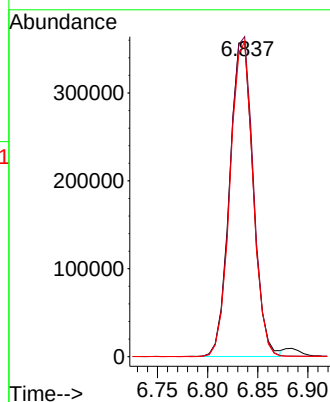
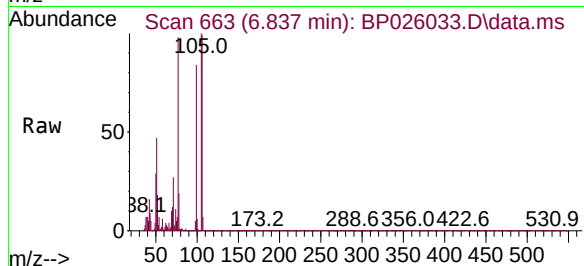
#9
Benzaldehyde
Concen: 41.768 ng
RT: 6.837 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 584865
Ion Ratio Lower Upper
77 100
105 101.6 80.7 120.7
106 100.0 76.5 116.5

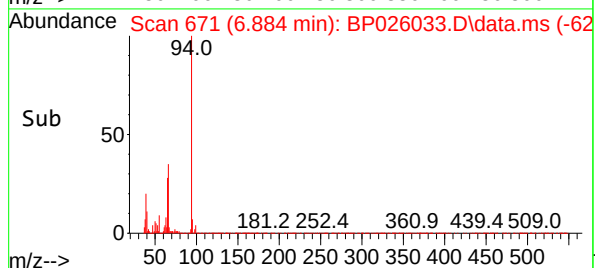
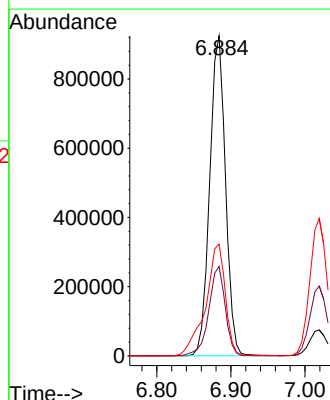
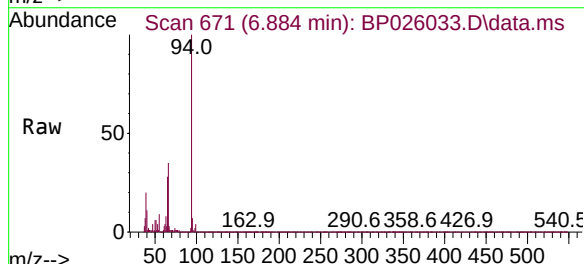
Manual Integrations
APPROVED

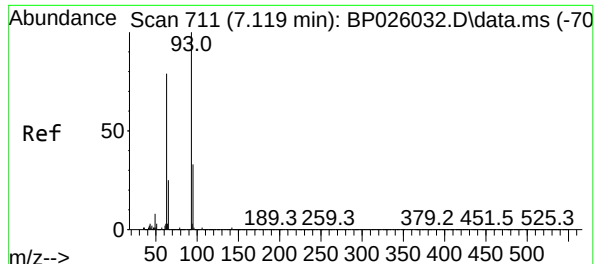
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 45.786 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 94 Resp: 1369223
Ion Ratio Lower Upper
94 100
65 28.0 7.1 47.1
66 34.9 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 45.441 ng

RT: 7.119 min Scan# 711

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 1072428

Ion Ratio Lower Upper

93 100

63 79.0 59.1 99.1

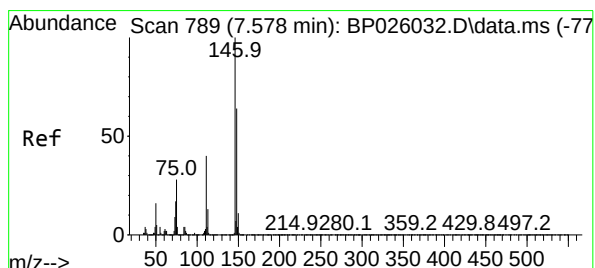
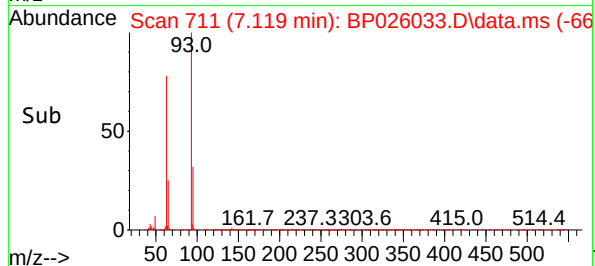
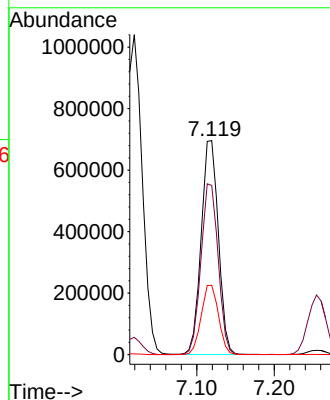
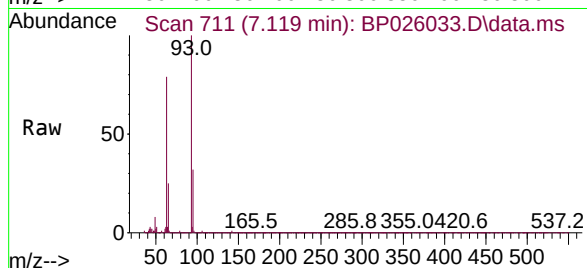
95 32.4 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 44.919 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

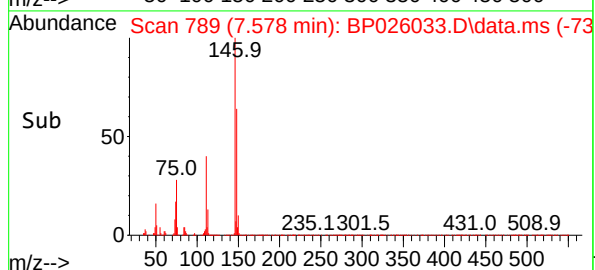
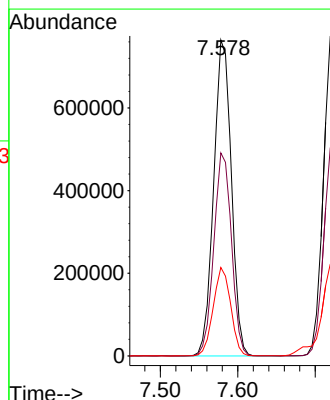
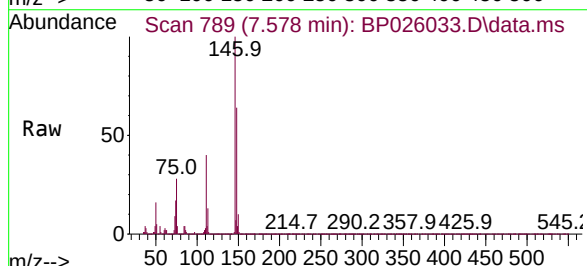
Tgt Ion:146 Resp: 1208921

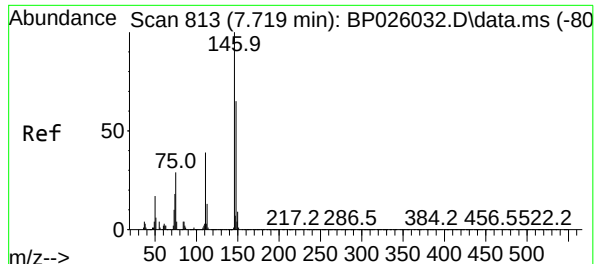
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

75 28.0 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 44.879 ng

RT: 7.719 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 122122

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

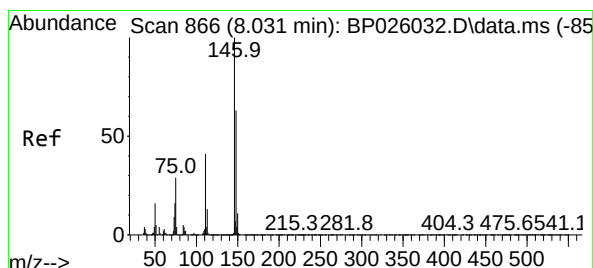
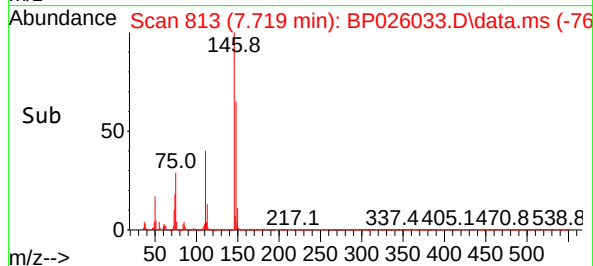
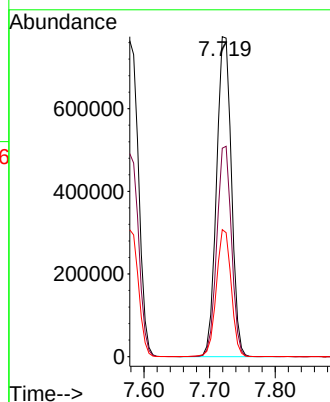
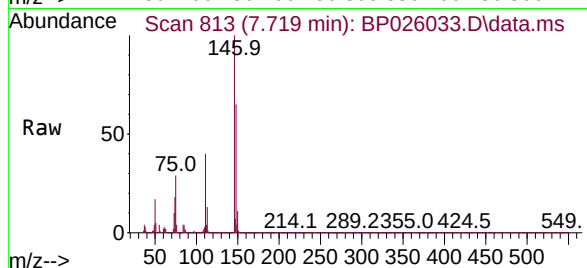
111 39.7 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 44.998 ng

RT: 8.037 min Scan# 867

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

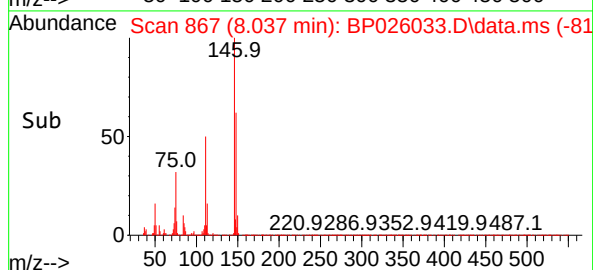
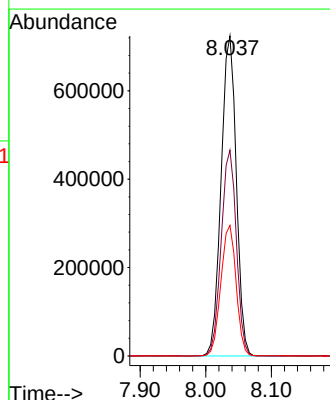
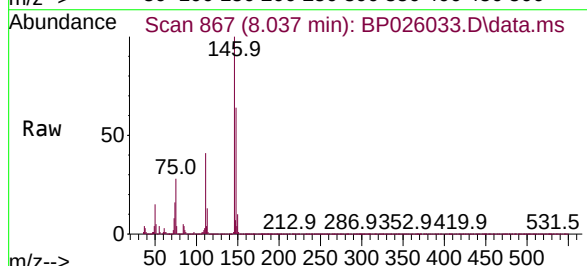
Tgt Ion:146 Resp: 1168413

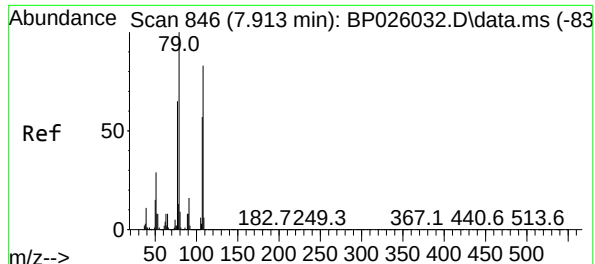
Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

111 40.8 33.0 49.4





#15

Benzyl Alcohol

Concen: 45.860 ng

RT: 7.919 min Scan# 846

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 890562

Ion Ratio Lower Upper

79 100

108 82.4 66.0 99.0

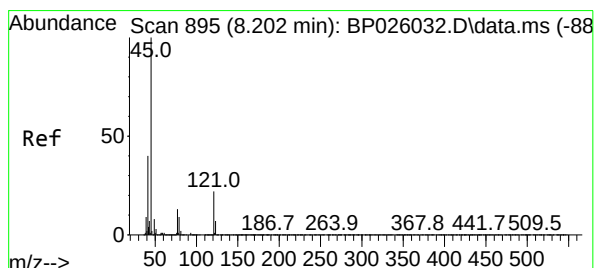
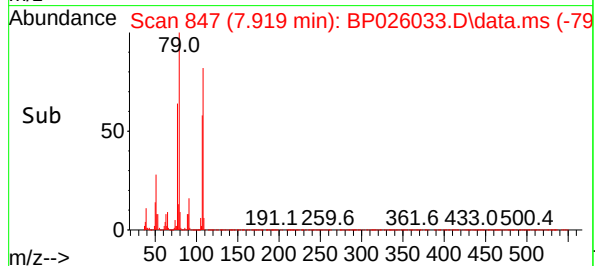
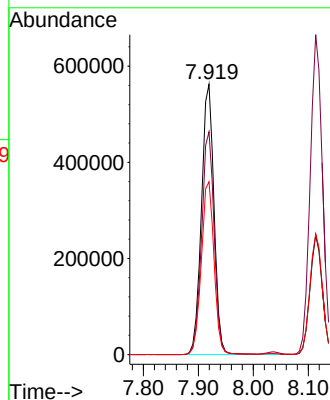
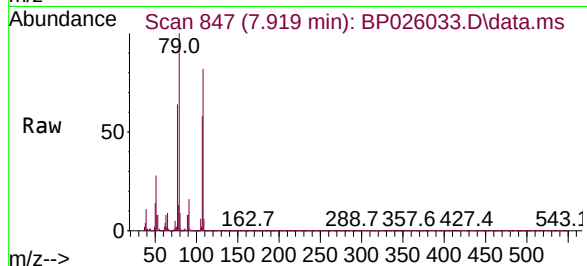
77 63.9 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.181 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

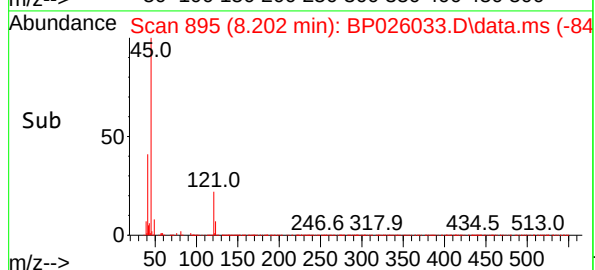
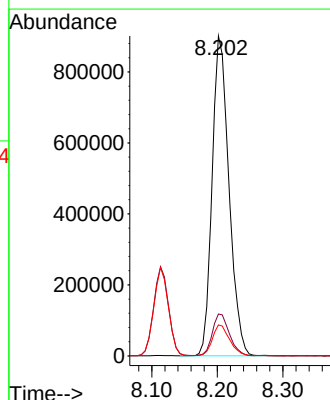
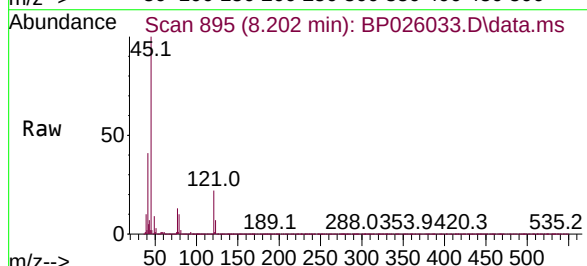
Tgt Ion: 45 Resp: 1611516

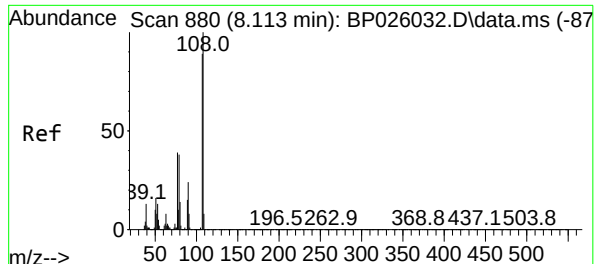
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.2

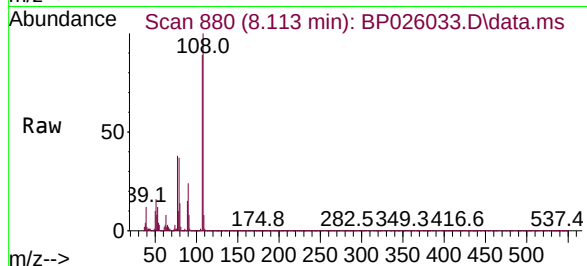
79 9.7 0.0 29.5





#17
2-Methylphenol
Concen: 47.134 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

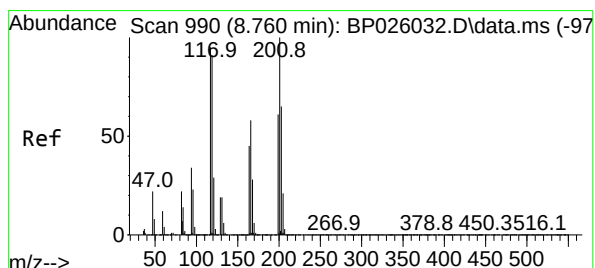
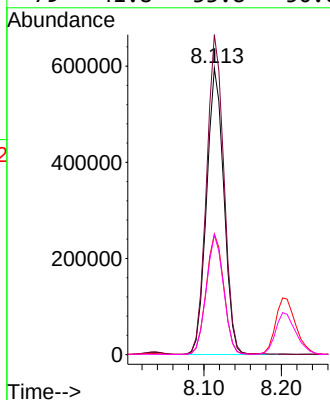
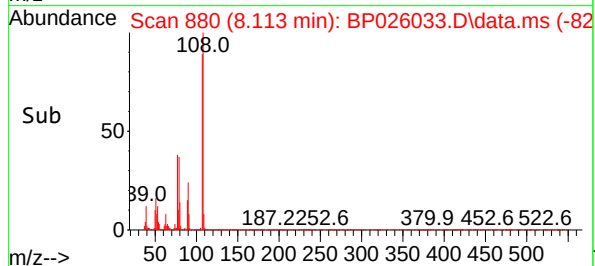
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 922978
Ion Ratio Lower Upper
107 100
108 111.8 89.8 134.8
77 42.2 34.8 52.2
79 41.8 33.8 50.6

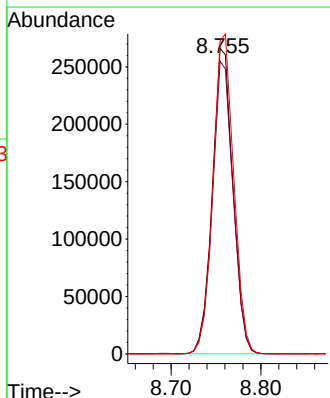
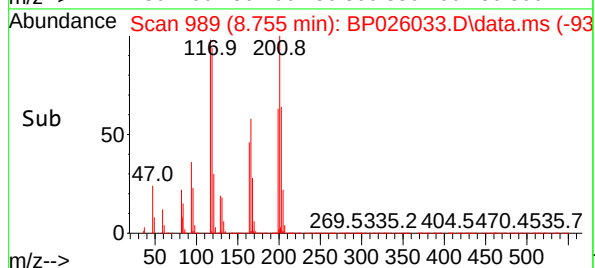
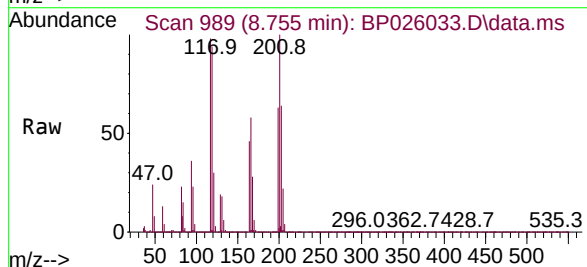
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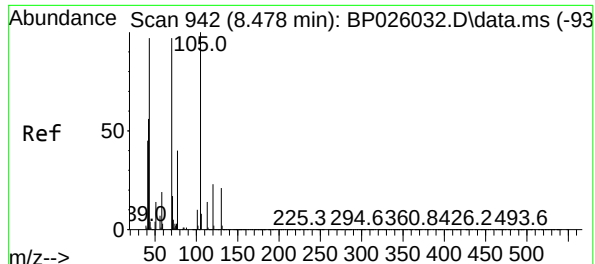
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 45.939 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:117 Resp: 427757
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 102.5 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.211 ng

RT: 8.484 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP026033.D

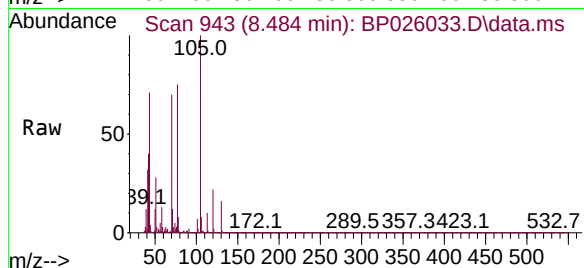
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 789416

Ion Ratio Lower Upper

70 100

42 57.5 47.2 70.8

101 10.2 8.2 12.2

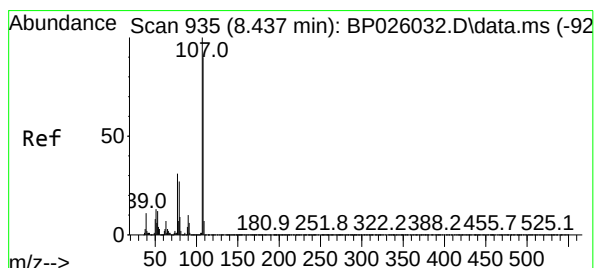
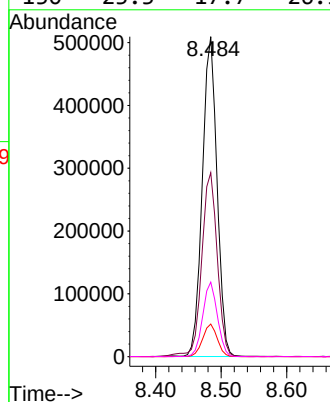
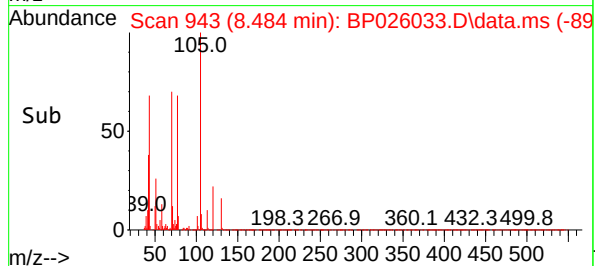
130 23.3 17.7 26.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 45.814 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Tgt Ion:107 Resp: 1248064

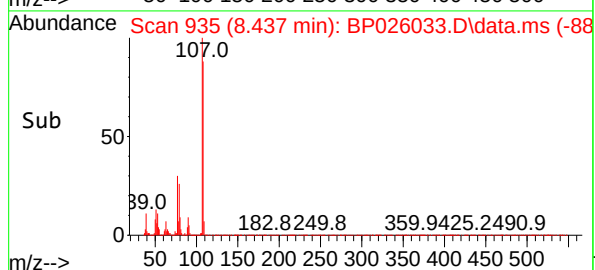
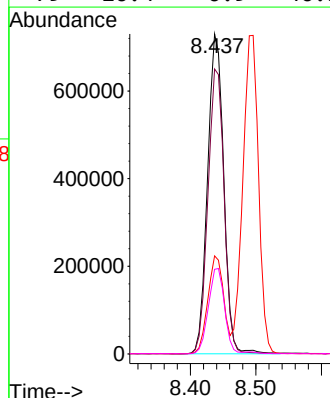
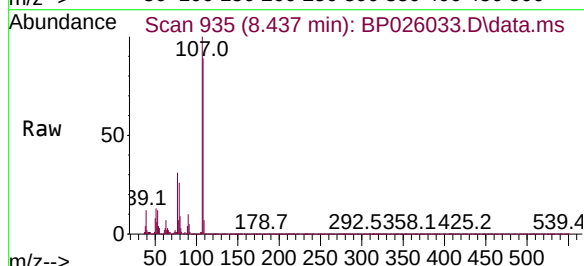
Ion Ratio Lower Upper

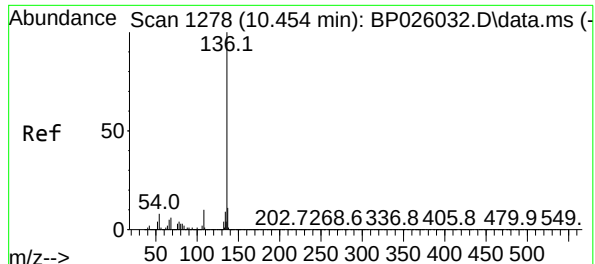
107 100

108 89.0 70.1 110.1

77 30.6 10.7 50.7

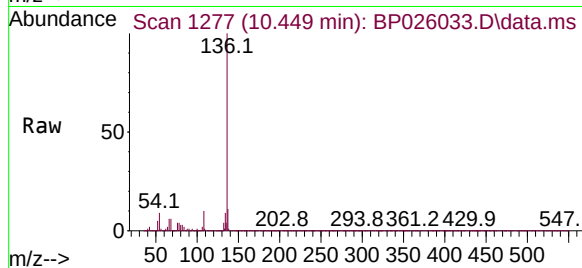
79 26.4 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

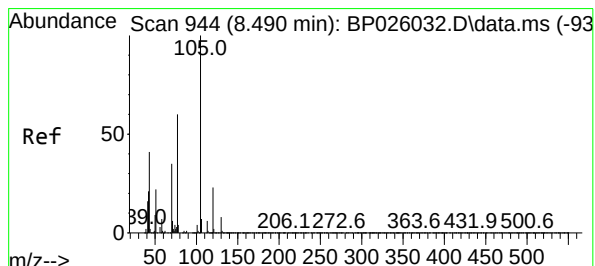
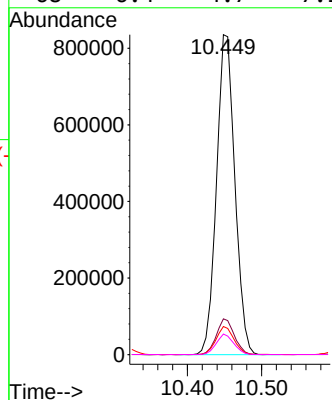
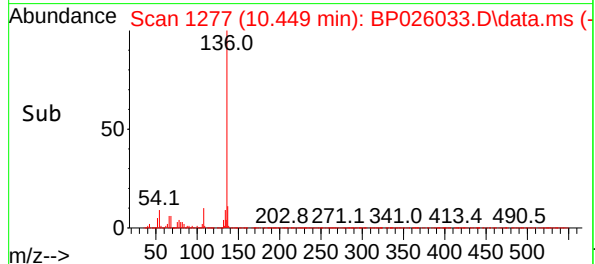
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 1438966
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 6.6 10.0
68 6.4 4.7 7.1

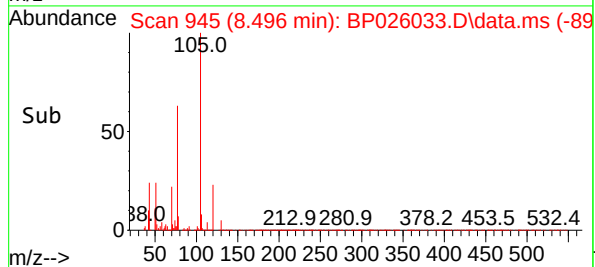
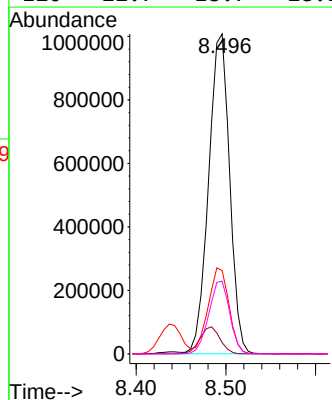
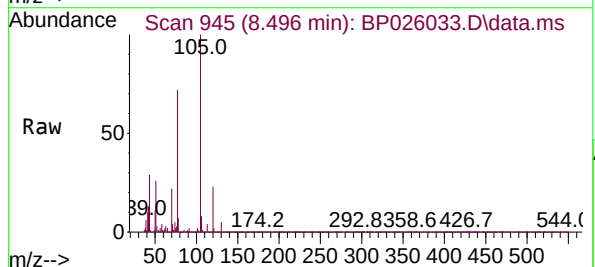
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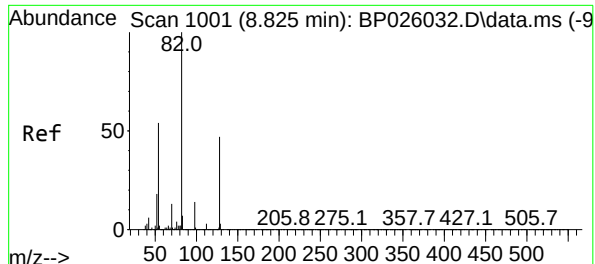
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#22
Acetophenone
Concen: 45.025 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:105 Resp: 1638579
Ion Ratio Lower Upper
105 100
71 3.5 4.7 7.1#
51 26.1 21.8 32.8
120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 95.388 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 220179

Ion Ratio Lower Upper

82 100

128 46.6 37.4 56.0

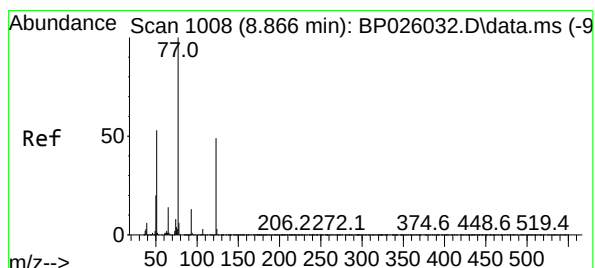
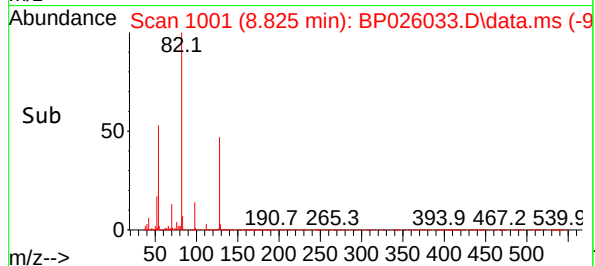
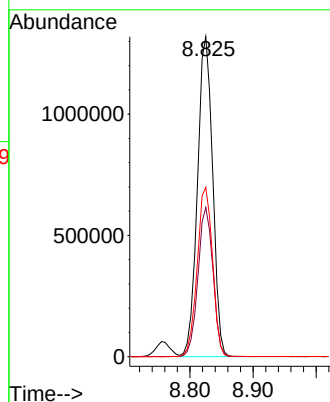
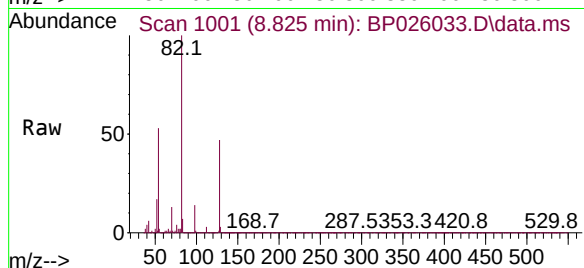
54 52.9 42.7 64.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 46.762 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

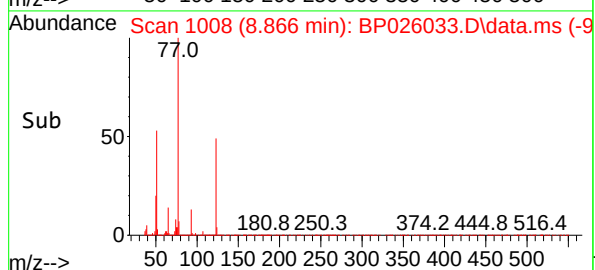
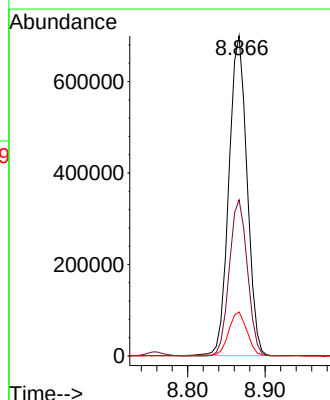
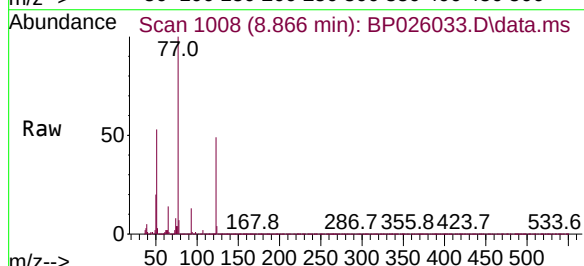
Tgt Ion: 77 Resp: 1139668

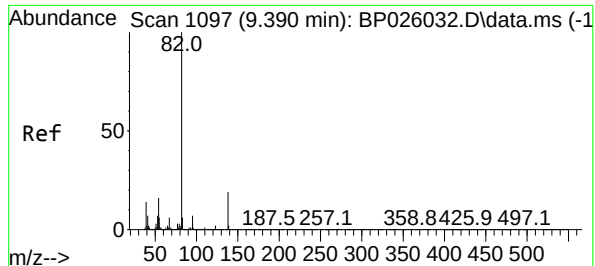
Ion Ratio Lower Upper

77 100

123 48.8 39.0 58.4

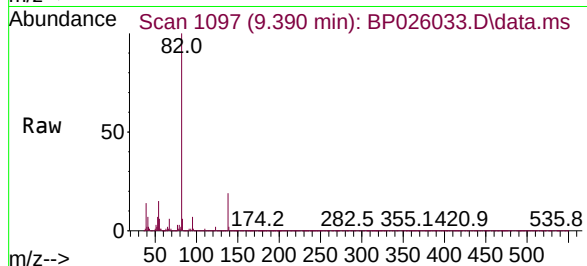
65 13.7 10.9 16.3





#25
Isophorone
Concen: 46.029 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

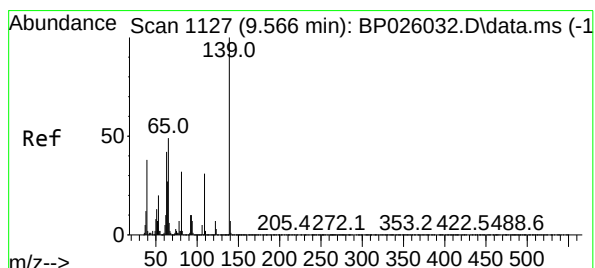
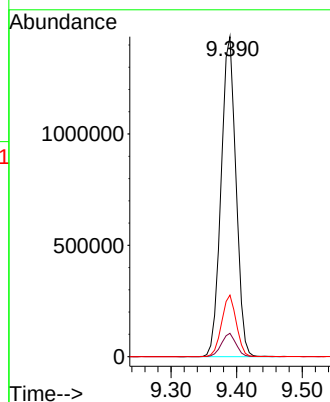
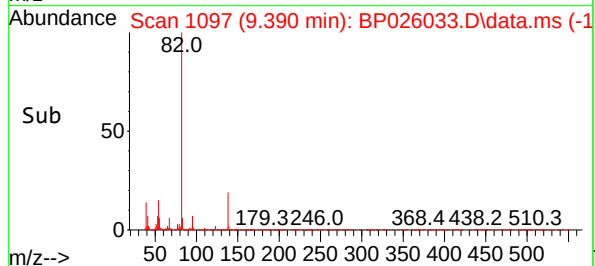
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 2274125
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.2 15.0 22.6

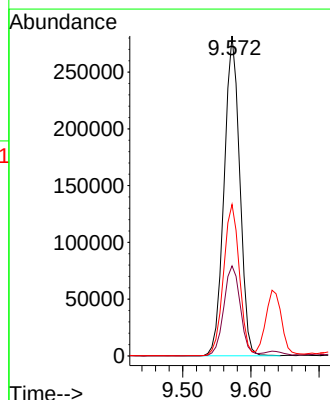
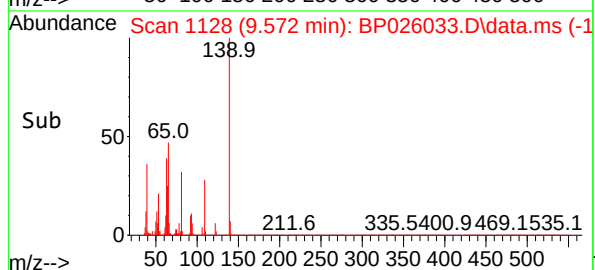
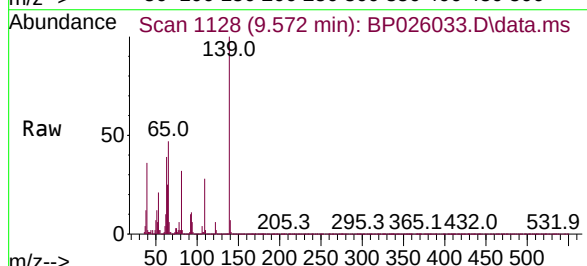
Manual Integrations
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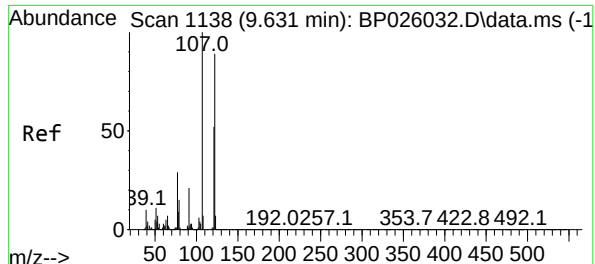
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 49.734 ng
RT: 9.572 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

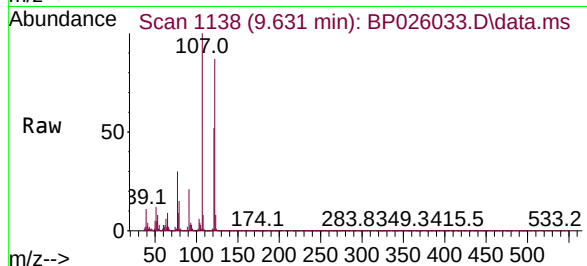
Tgt Ion:139 Resp: 447065
Ion Ratio Lower Upper
139 100
109 28.1 24.8 37.2
65 47.3 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 46.532 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

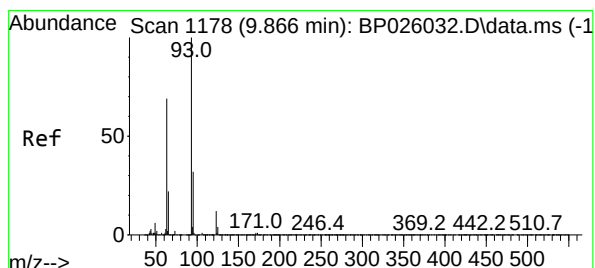
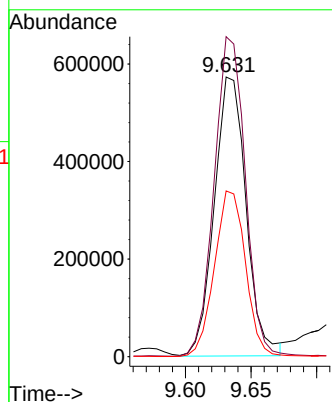
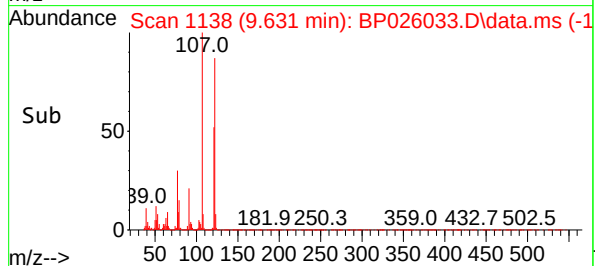
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 122 Resp: 966776
Ion Ratio Lower Upper
122 100
107 114.4 89.2 133.8
121 59.2 46.3 69.5

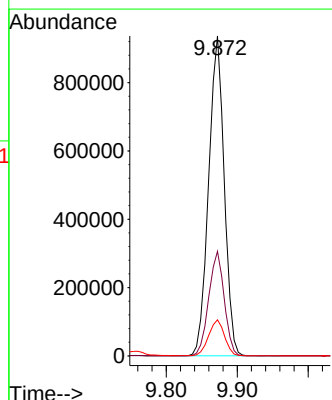
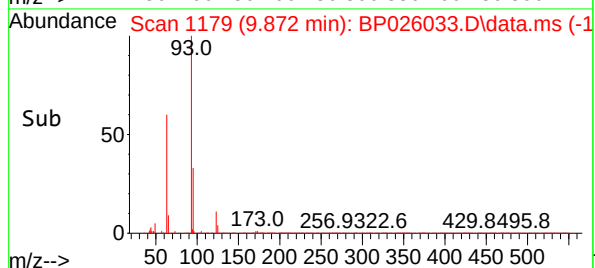
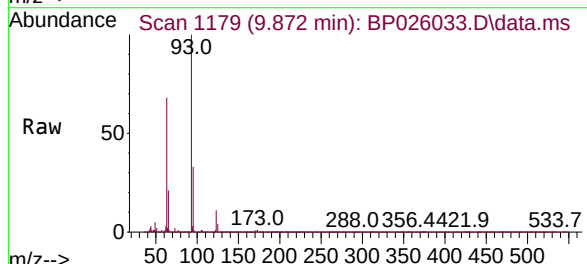
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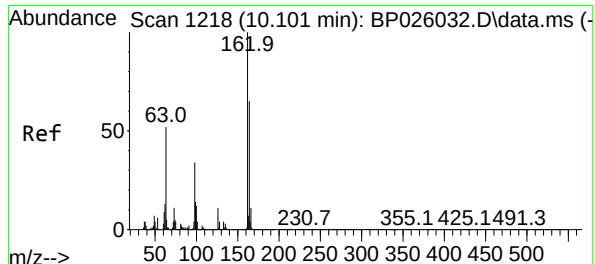
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.719 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 93 Resp: 1423542
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 11.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 47.877 ng

RT: 10.096 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 105027

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

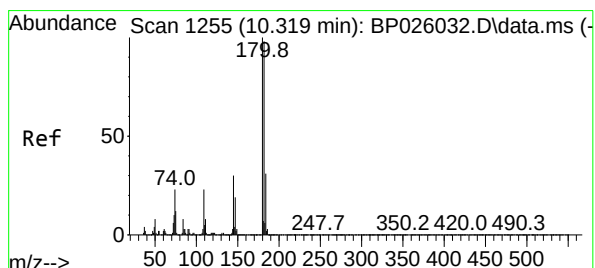
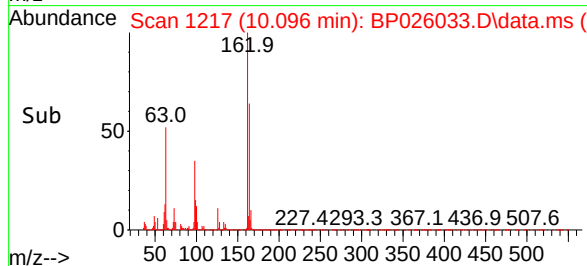
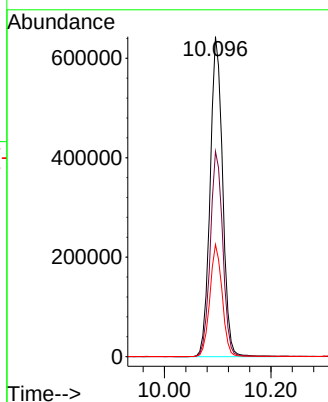
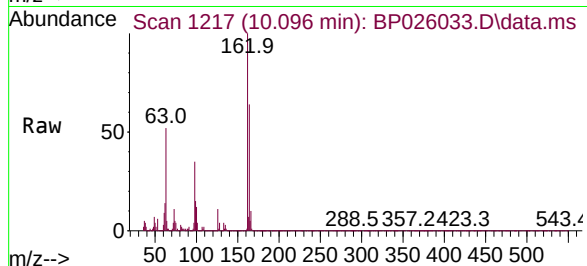
98 35.0 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.408 ng

RT: 10.319 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

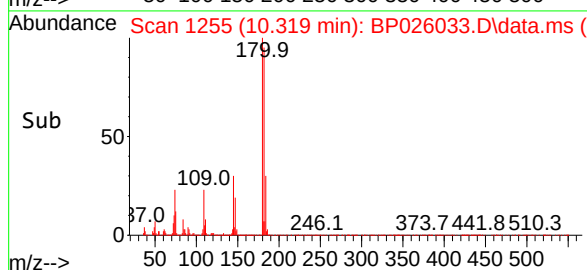
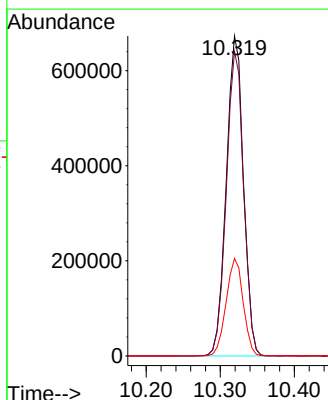
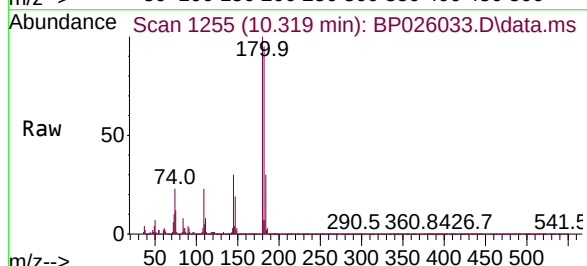
Tgt Ion:180 Resp: 1082702

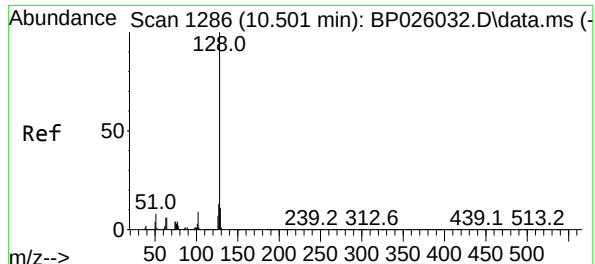
Ion Ratio Lower Upper

180 100

182 95.2 78.6 117.8

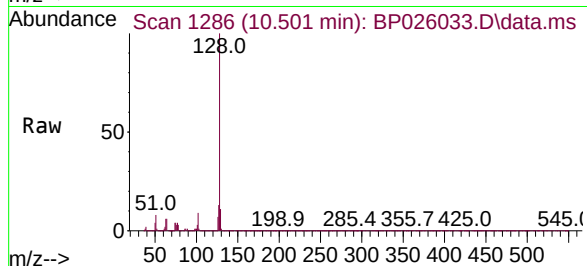
145 30.4 24.2 36.4





#31
Naphthalene
Concen: 44.821 ng
RT: 10.501 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

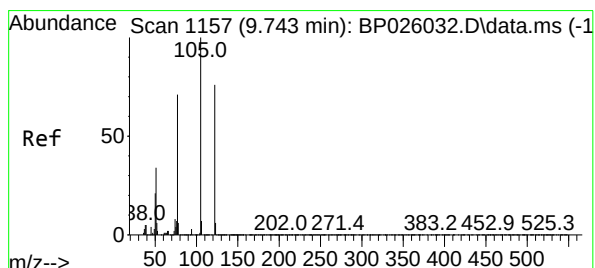
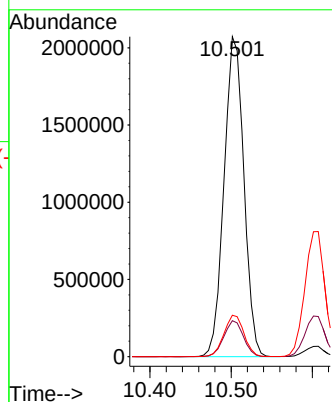
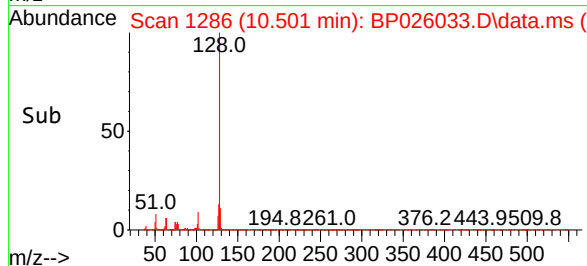
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 3517083
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.5 15.7

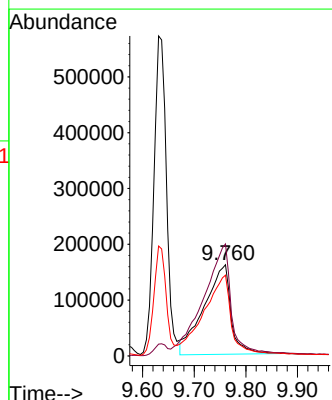
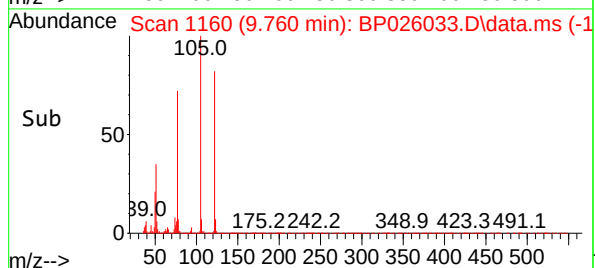
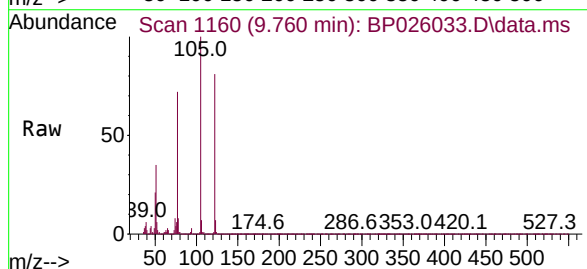
Manual Integrations
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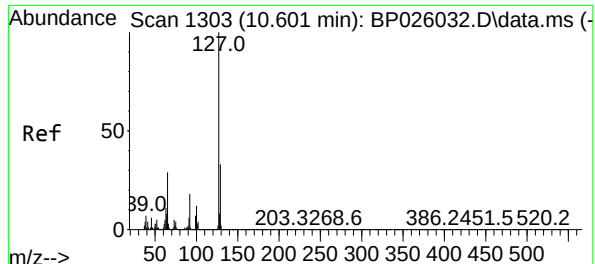
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 46.816 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.018 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:122 Resp: 583423
Ion Ratio Lower Upper
122 100
105 122.7 104.8 144.8
77 88.6 70.9 110.9





#33

4-Chloroaniline

Concen: 45.768 ng

RT: 10.607 min Scan# 1303

Delta R.T. 0.012 min

Lab File: BP026033.D

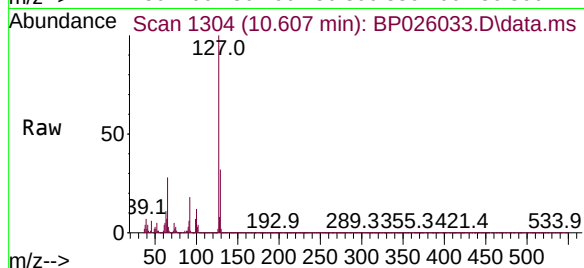
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion:127 Resp: 1380084

Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 28.2 23.2 34.8

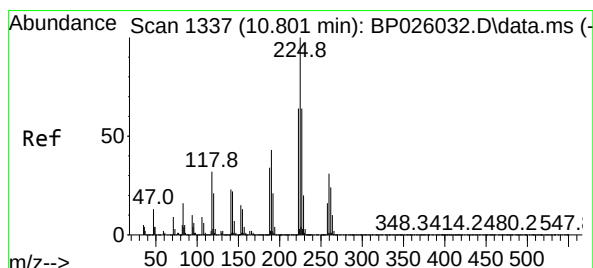
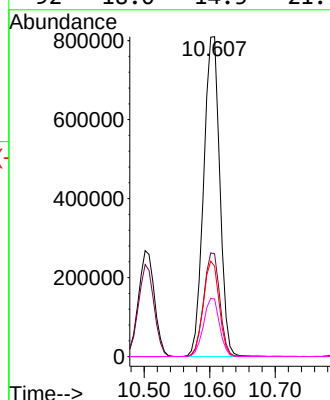
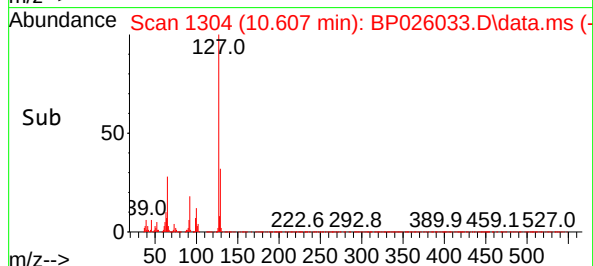
92 18.0 14.5 21.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#34

Hexachlorobutadiene

Concen: 45.101 ng

RT: 10.801 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

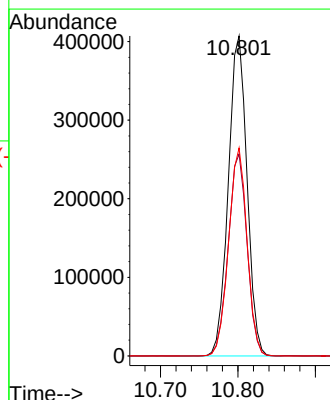
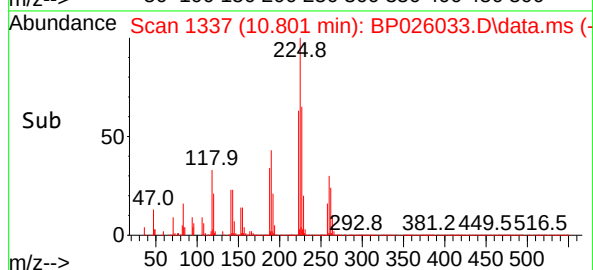
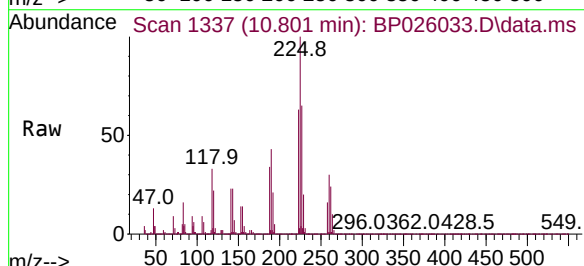
Tgt Ion:225 Resp: 683383

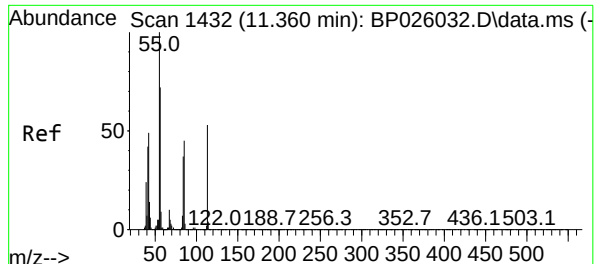
Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

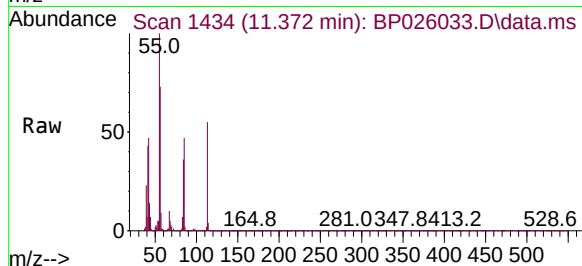
227 65.0 51.0 76.4





#35
Caprolactam
Concen: 46.253 ng
RT: 11.372 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

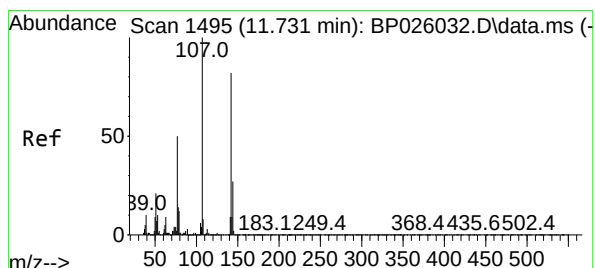
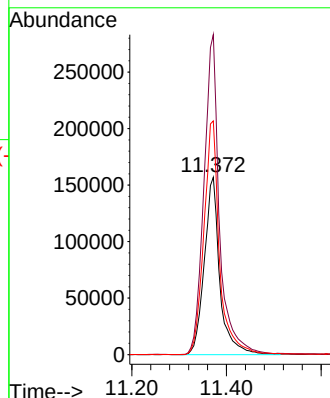
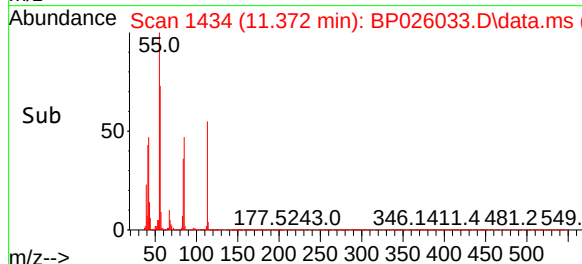
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 356316
Ion Ratio Lower Upper
113 100
55 180.4 169.9 209.9
56 131.8 116.7 156.7

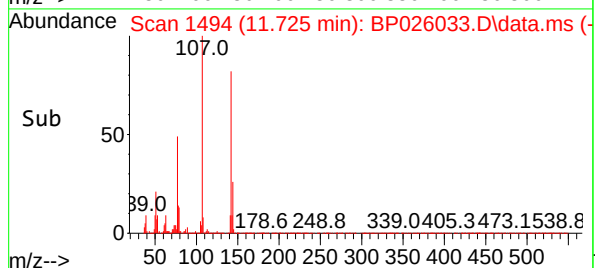
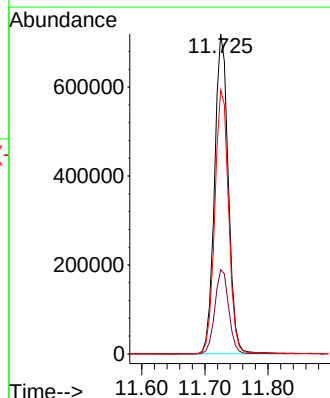
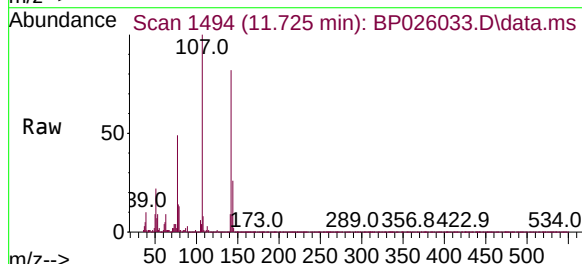
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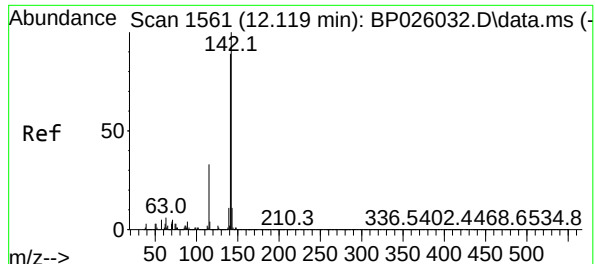
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 47.466 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

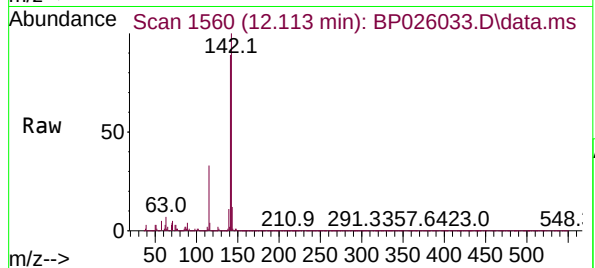
Tgt Ion:107 Resp: 1091555
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 82.5 65.2 97.8





#37
2-Methylnaphthalene
Concen: 45.460 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

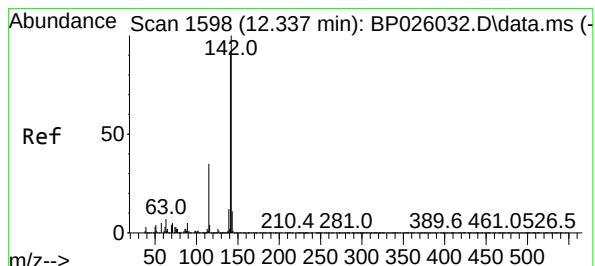
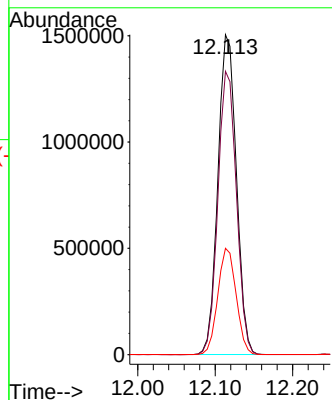
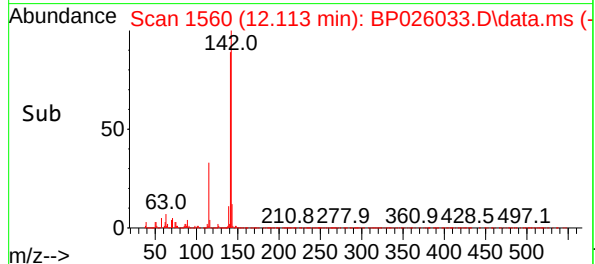
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 2496690
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4
115 33.2 26.6 39.8

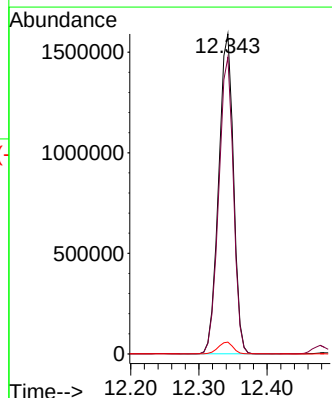
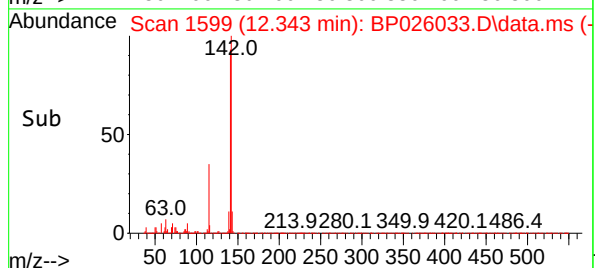
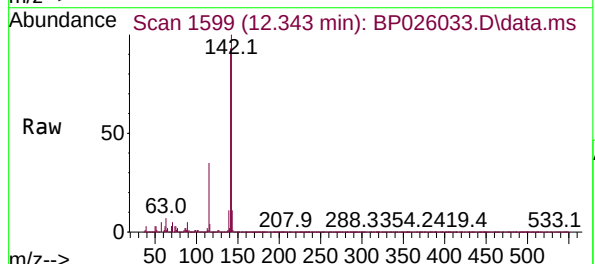
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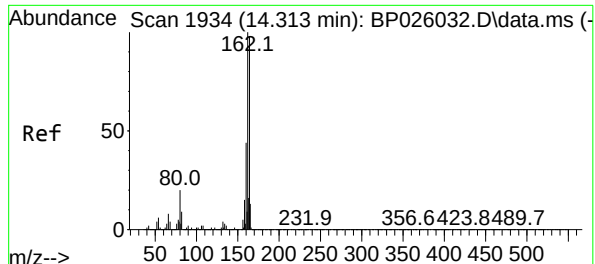
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#38
1-Methylnaphthalene
Concen: 44.696 ng
RT: 12.343 min Scan# 1599
Delta R.T. 0.007 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

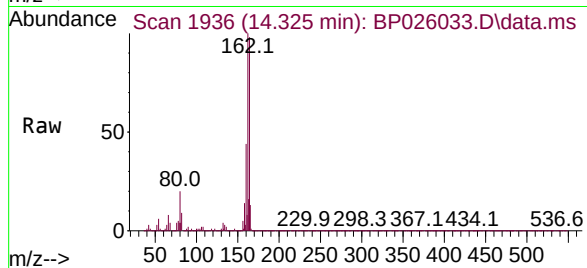
Tgt Ion:142 Resp: 2384802
Ion Ratio Lower Upper
142 100
141 92.7 72.7 109.1
116 3.7 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

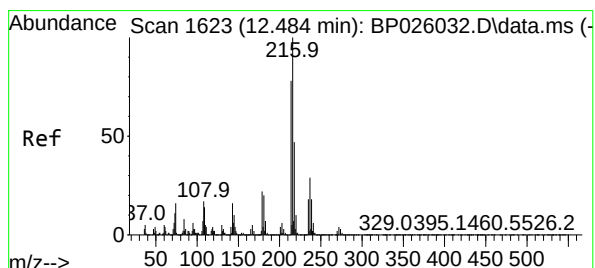
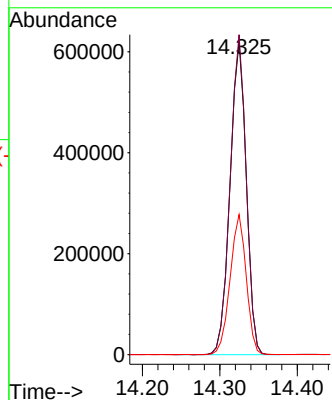
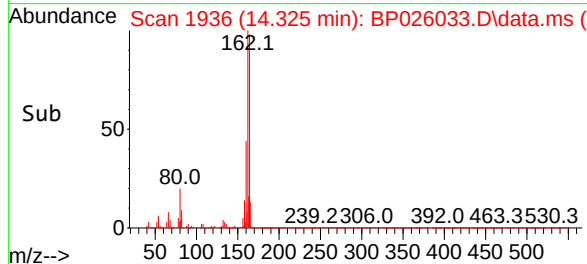
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion:164 Resp: 904273
Ion Ratio Lower Upper
164 100
162 102.4 81.5 122.3
160 44.8 36.2 54.4

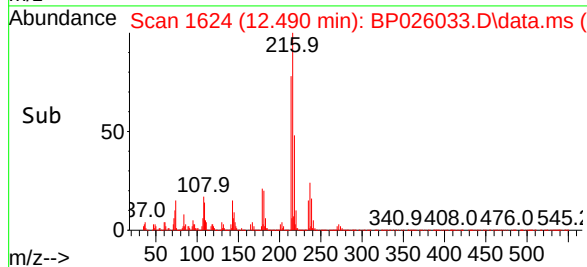
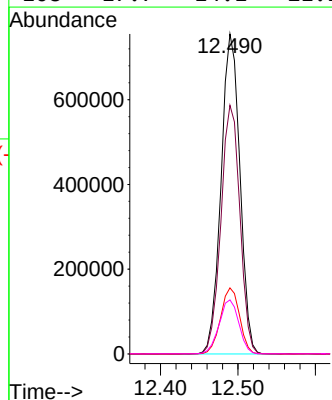
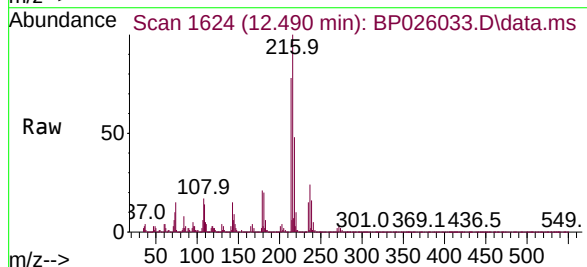
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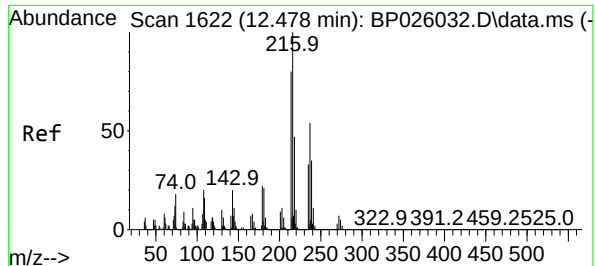
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.422 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

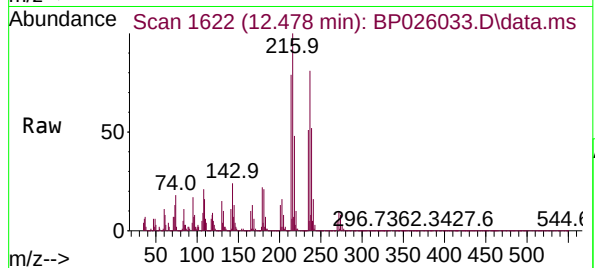
Tgt Ion:216 Resp: 1276225
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.8 16.9 25.3
108 17.7 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 47.892 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

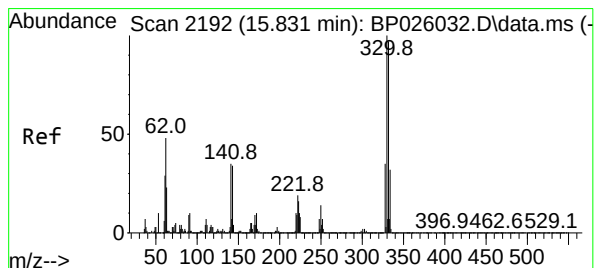
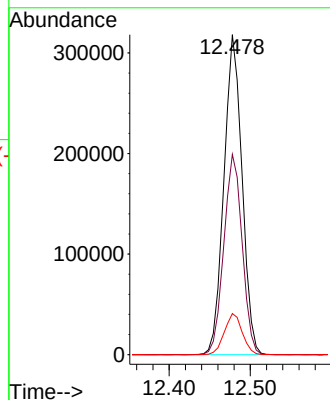
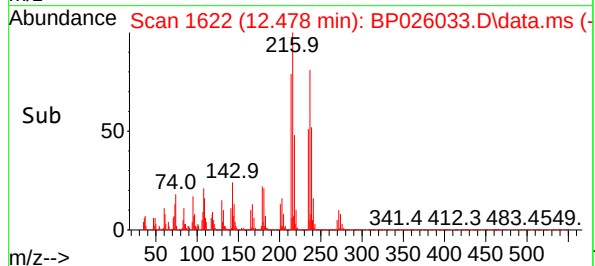
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 492338
Ion Ratio Lower Upper
237 100
235 62.6 40.4 80.4
272 12.8 0.0 32.2

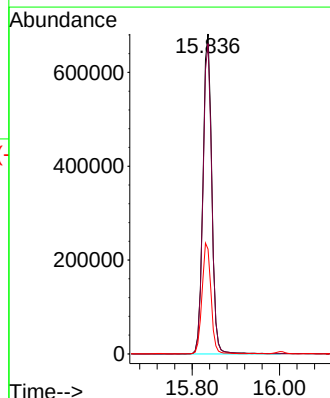
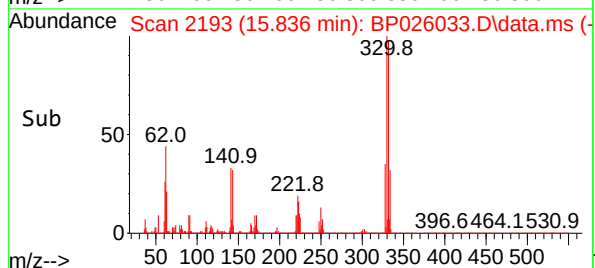
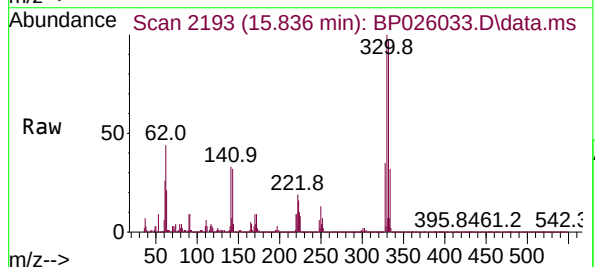
Manual Integrations
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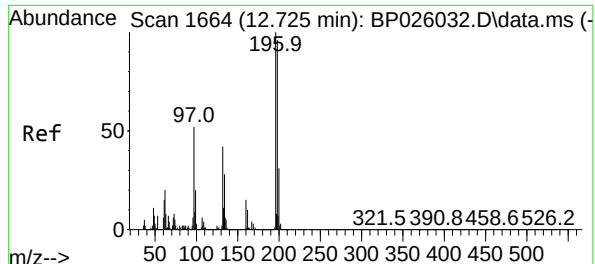
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#42
2,4,6-Tribromophenol
Concen: 96.828 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 330 Resp: 946601
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.2 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 49.033 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 814315

Ion Ratio Lower Upper

196 100

198 95.8 76.5 114.7

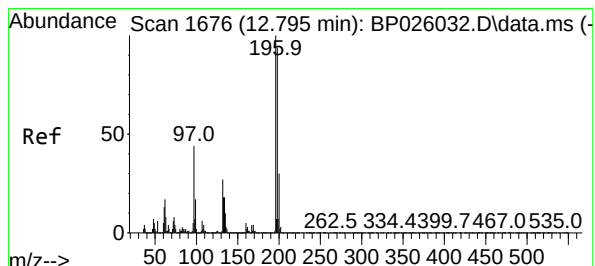
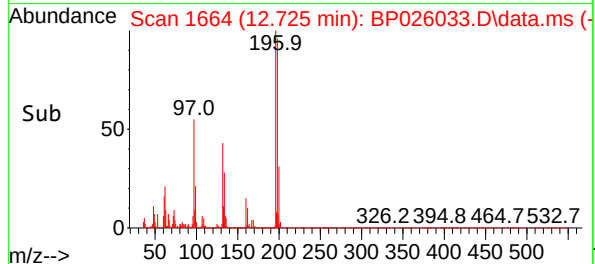
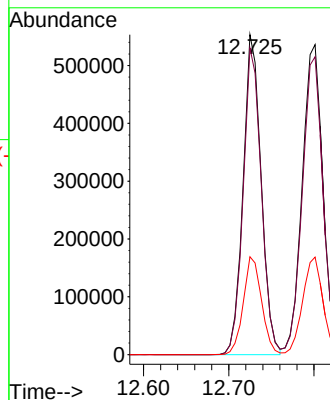
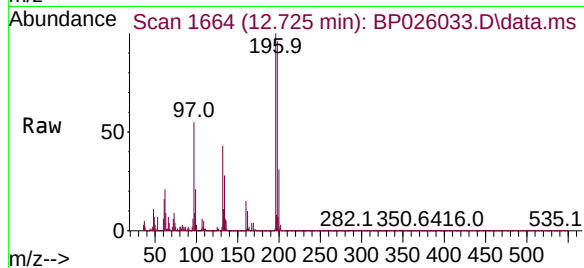
200 30.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 48.327 ng

RT: 12.801 min Scan# 1677

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Tgt Ion:196 Resp: 915816

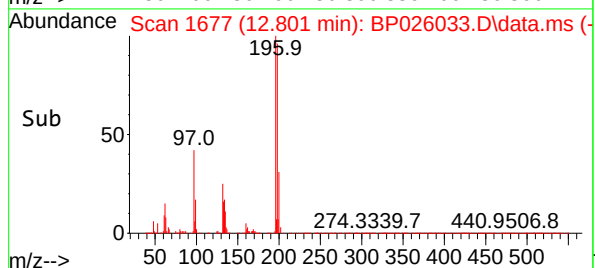
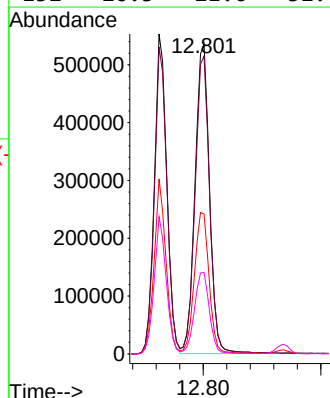
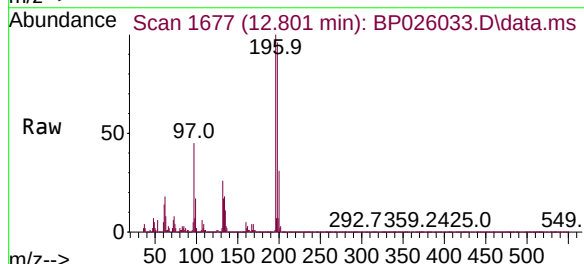
Ion Ratio Lower Upper

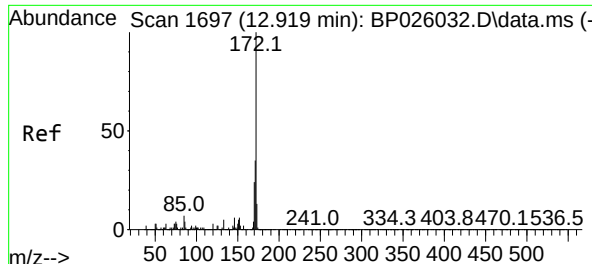
196 100

198 96.1 75.1 112.7

97 45.2 35.5 53.3

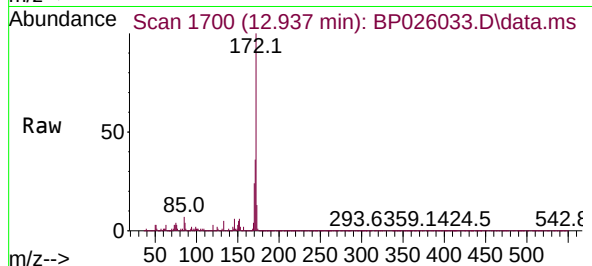
132 26.3 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 88.427 ng
RT: 12.937 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

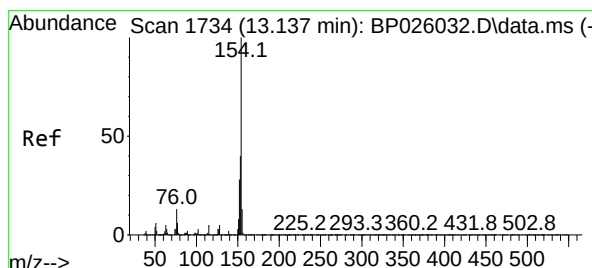
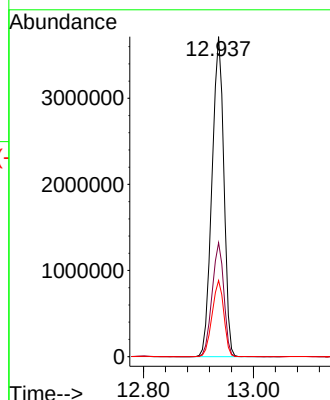
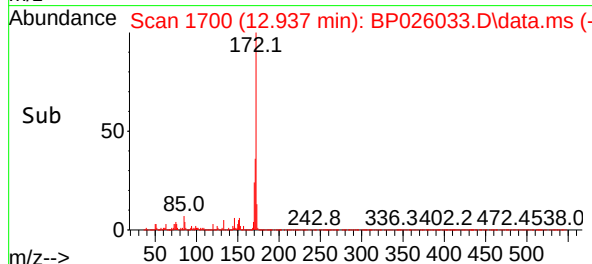
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 5564834
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.8 19.0 28.4

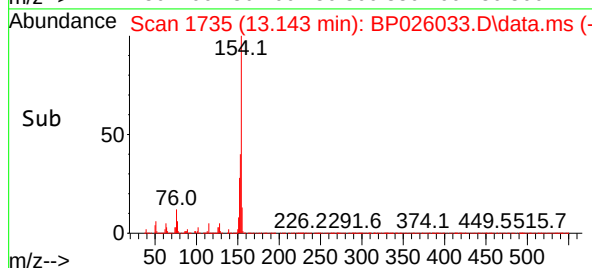
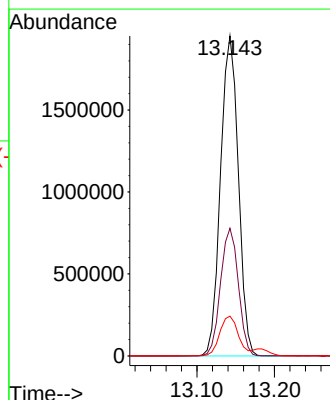
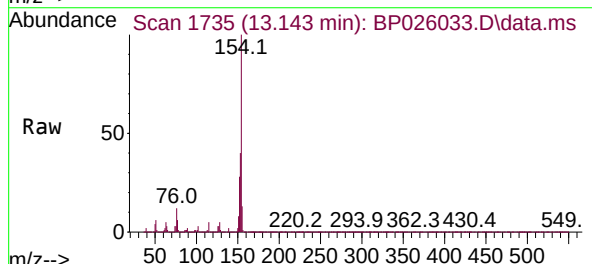
Manual Integrations
APPROVED

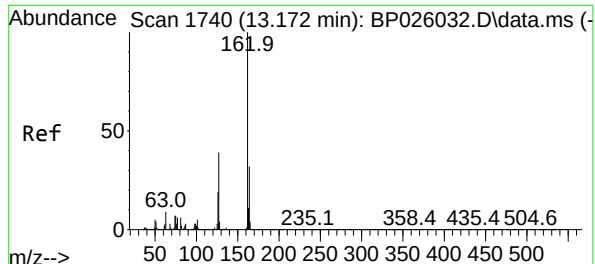
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#46
1,1'-Biphenyl
Concen: 44.979 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

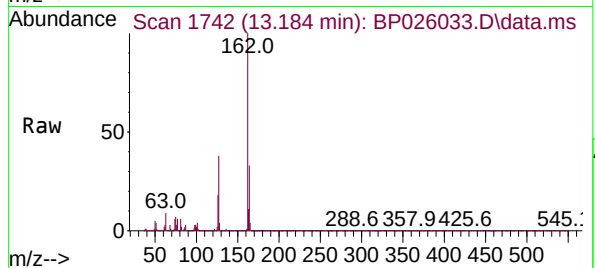
Tgt Ion:154 Resp: 3114348
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 12.4 0.0 32.8





#47
2-Chloronaphthalene
Concen: 45.251 ng
RT: 13.184 min Scan# 1740
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

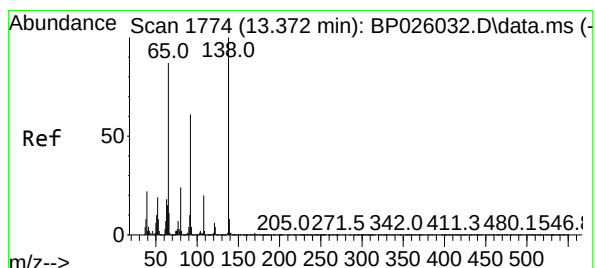
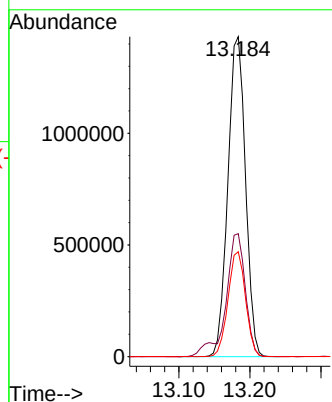
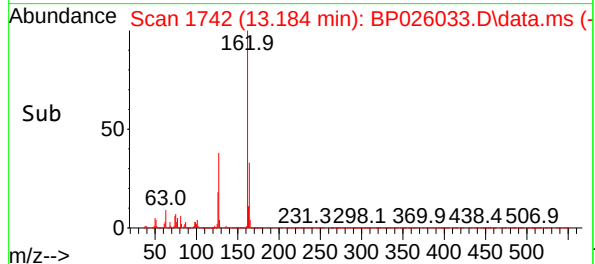
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 2465203
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 32.8 25.9 38.9

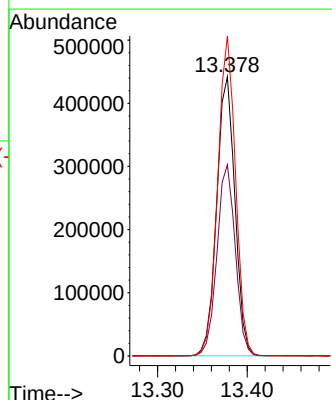
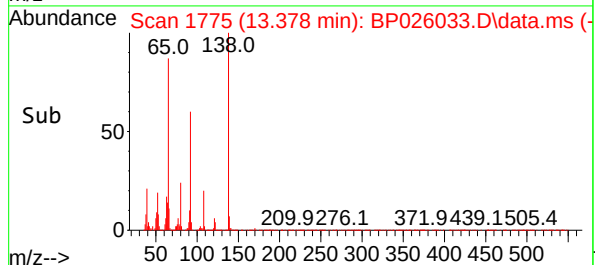
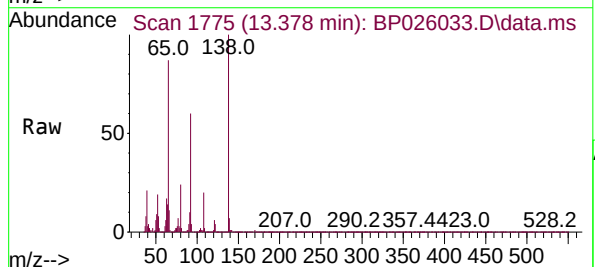
Manual Integrations
APPROVED

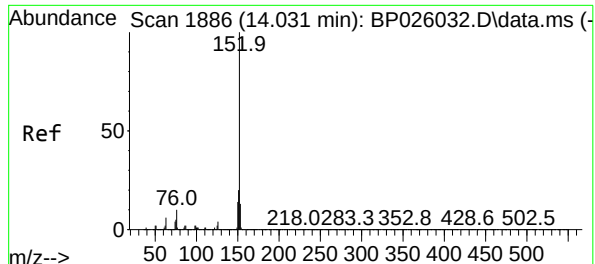
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#48
2-Nitroaniline
Concen: 45.673 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

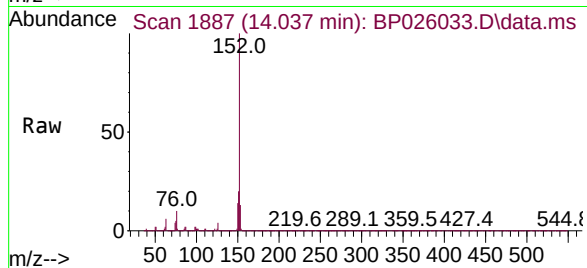
Tgt Ion: 65 Resp: 626496
Ion Ratio Lower Upper
65 100
92 68.5 55.5 83.3
138 114.6 91.7 137.5





#49
Acenaphthylene
Concen: 46.069 ng
RT: 14.037 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

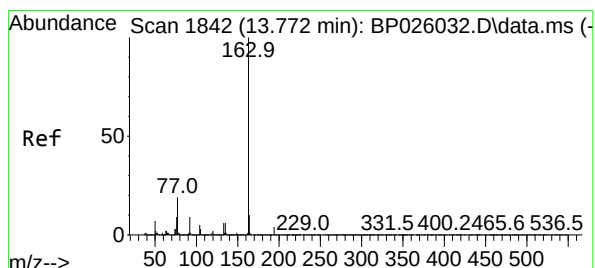
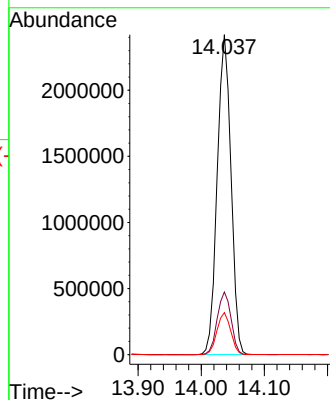
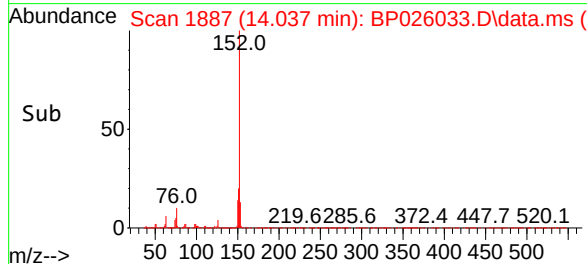
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



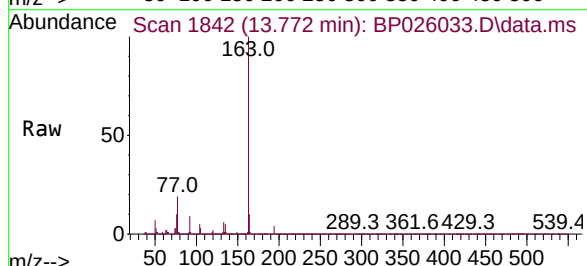
Tgt Ion:152 Resp: 3657970
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.1 10.6 16.0

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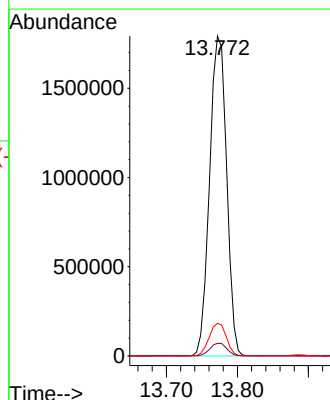
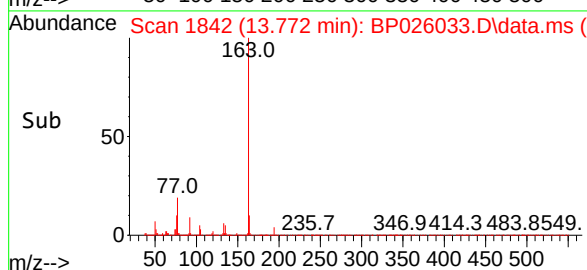
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

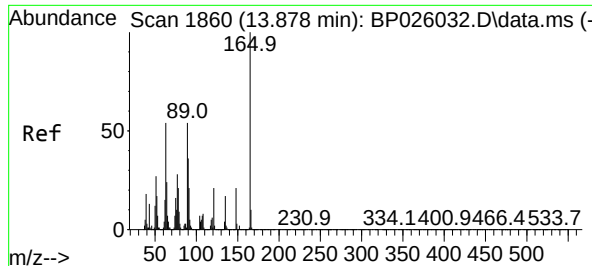


#50
Dimethylphthalate
Concen: 45.465 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



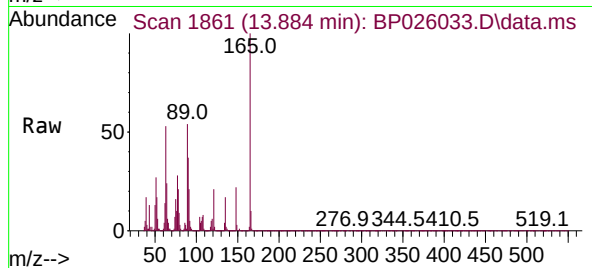
Tgt Ion:163 Resp: 2990506
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.947 ng
RT: 13.884 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

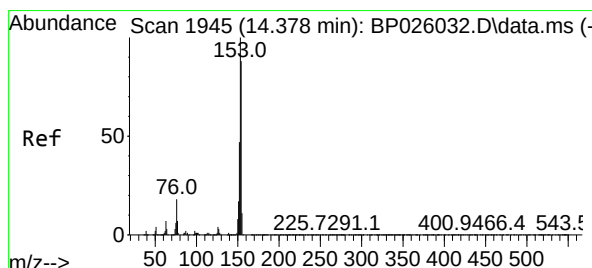
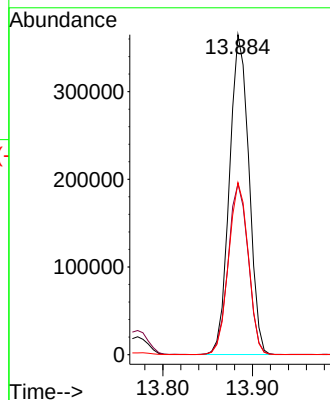
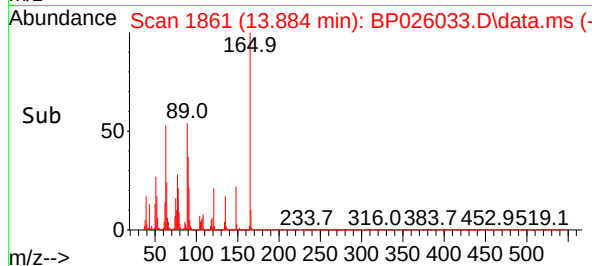
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 554294
Ion Ratio Lower Upper
165 100
63 53.4 43.0 64.4
89 53.7 43.0 64.4

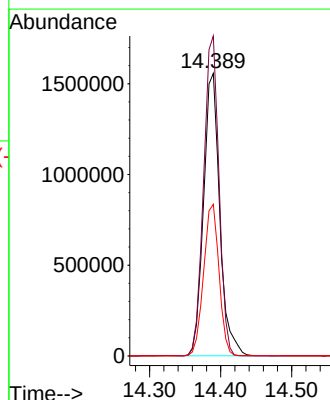
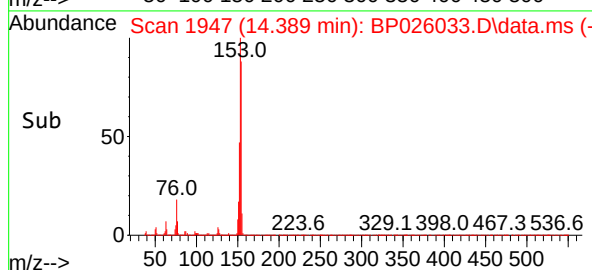
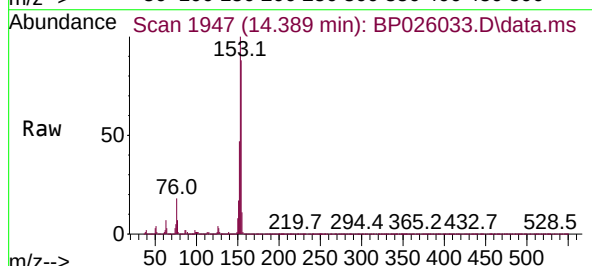
Manual Integrations
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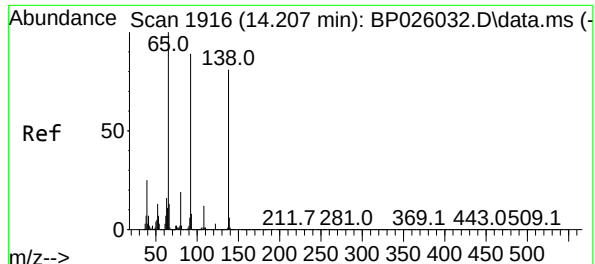
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 45.148 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:154 Resp: 2461012
Ion Ratio Lower Upper
154 100
153 113.2 91.0 136.4
152 53.7 42.7 64.1





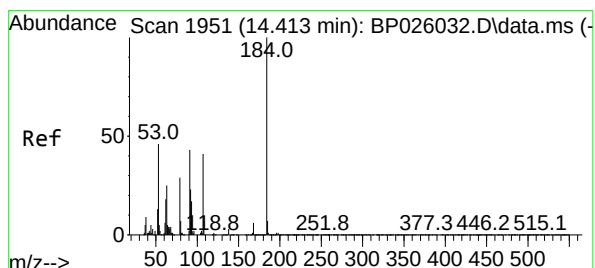
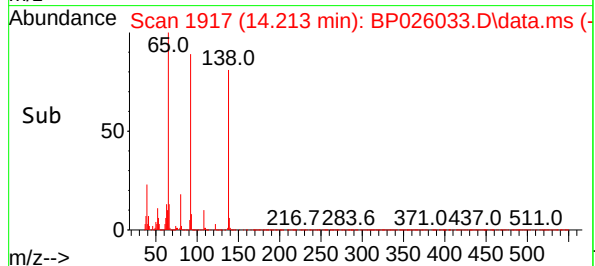
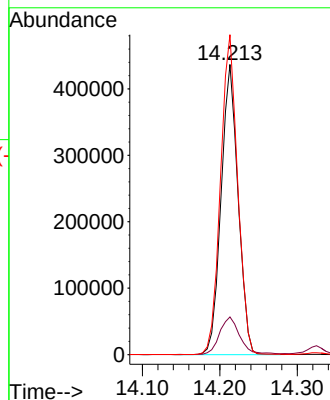
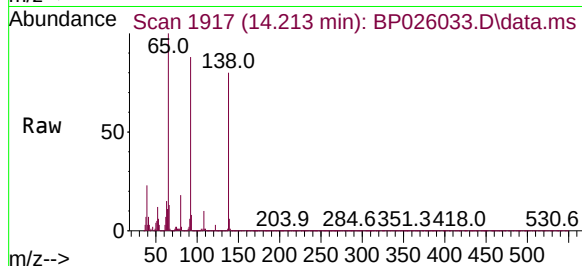
#53
3-Nitroaniline
Concen: 45.125 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 666202
Ion Ratio Lower Upper
138 100
108 13.0 11.4 17.0
92 110.3 87.1 130.7

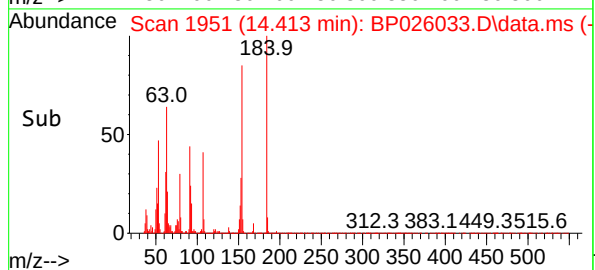
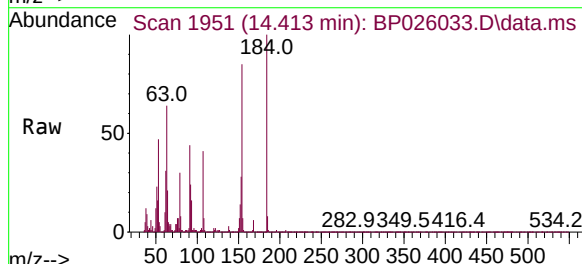
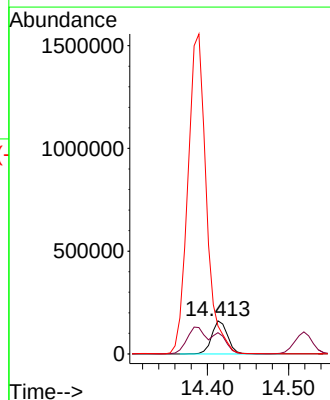
Manual Integrations
APPROVED

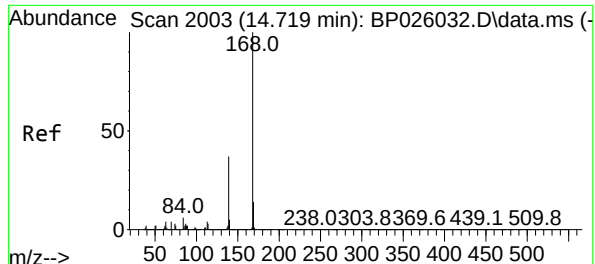
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 46.408 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:184 Resp: 217265
Ion Ratio Lower Upper
184 100
63 63.9 49.0 73.4
154 84.5 51.0 76.6#





#55

Dibenzenofuran

Concen: 44.295 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 3647999

Ion Ratio Lower Upper

168 100

139 38.3 29.7 44.5

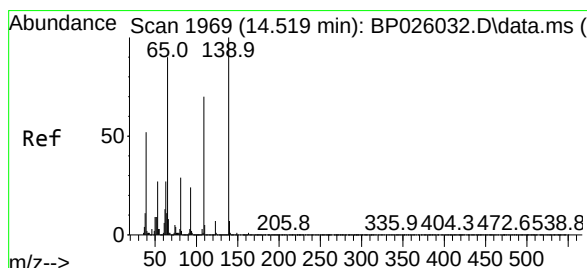
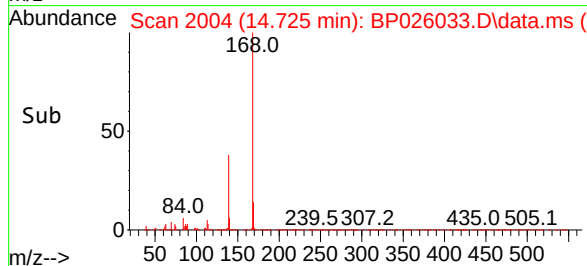
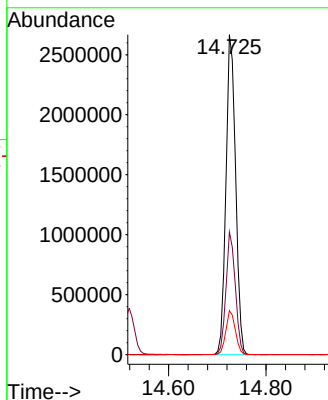
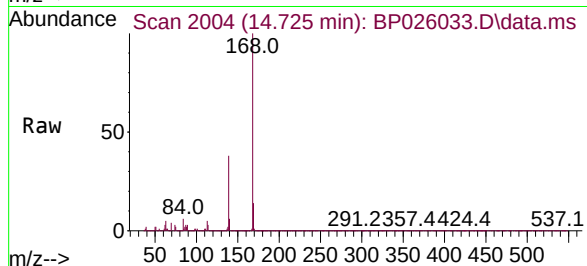
169 13.7 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 44.465 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

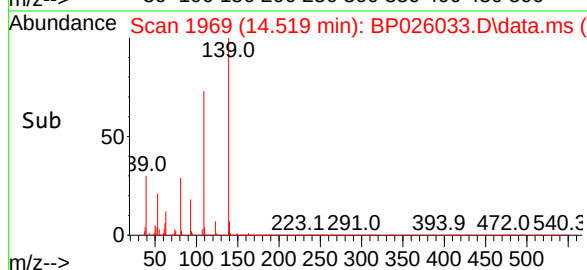
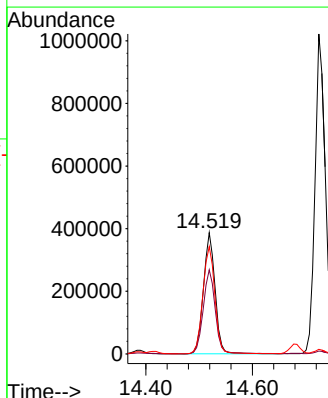
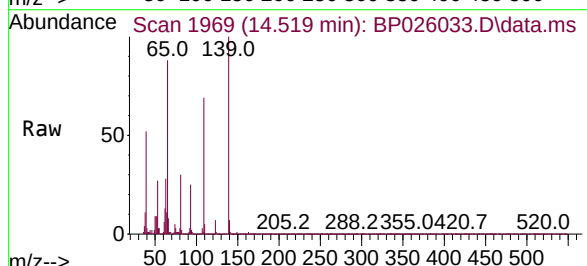
Tgt Ion:139 Resp: 583197

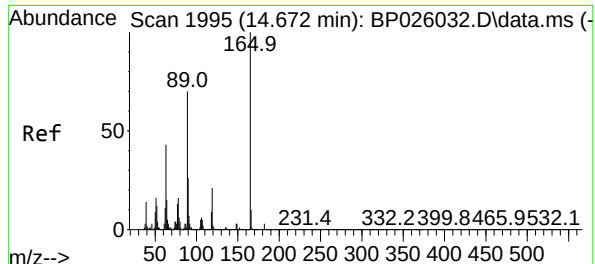
Ion Ratio Lower Upper

139 100

109 69.4 50.0 90.0

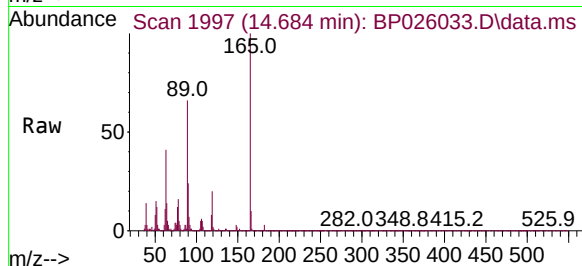
65 88.5 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 46.376 ng
RT: 14.684 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

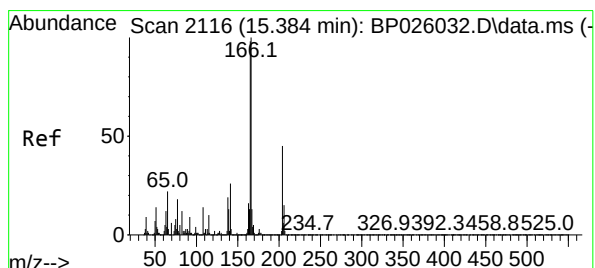
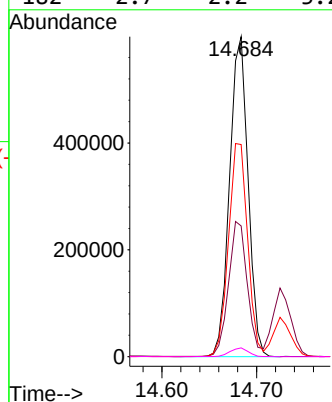
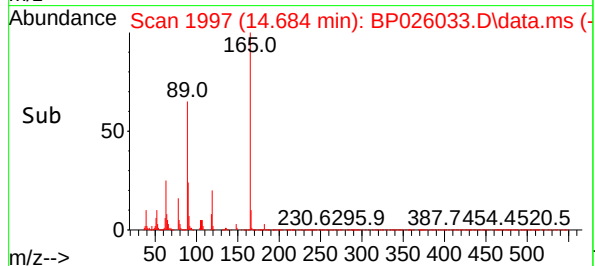
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 812960
Ion Ratio Lower Upper
165 100
63 40.8 34.2 51.2
89 66.3 56.0 84.0
182 2.7 2.2 3.2

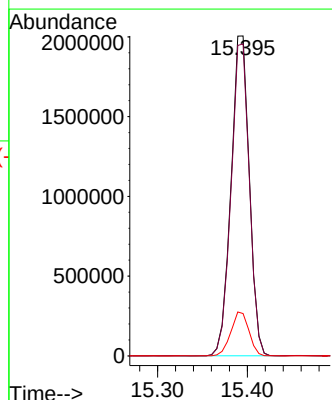
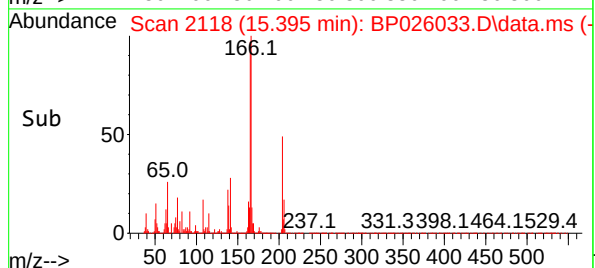
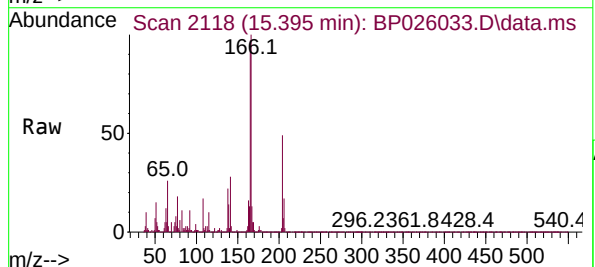
Manual Integrations
APPROVED

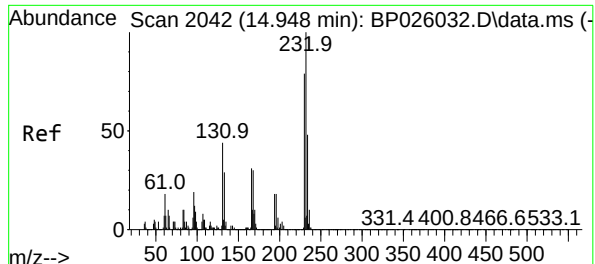
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 44.149 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:166 Resp: 2848597
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.733 ng

RT: 14.960 min Scan# 2044

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 74100

Ion Ratio Lower Upper

232 100

131 44.1 35.2 52.8

130 2.3 1.7 2.5

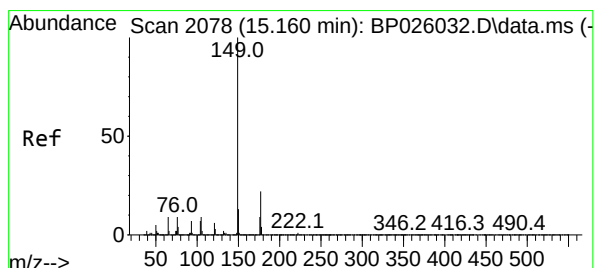
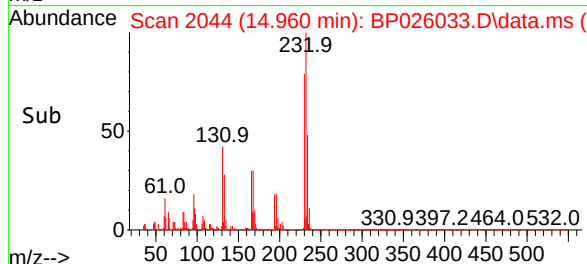
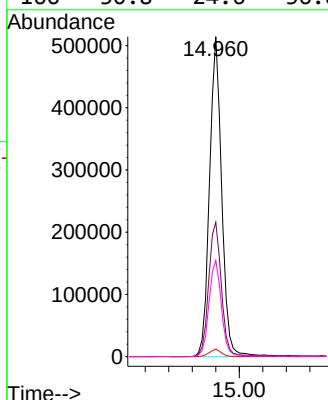
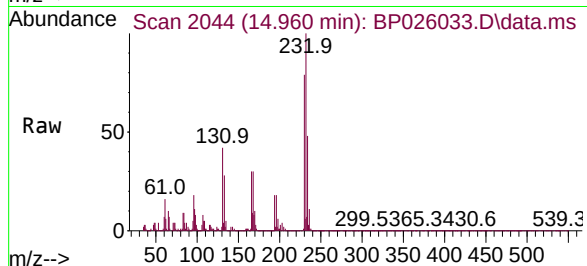
166 30.8 24.6 36.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#60

Diethylphthalate

Concen: 46.159 ng

RT: 15.178 min Scan# 2081

Delta R.T. 0.012 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

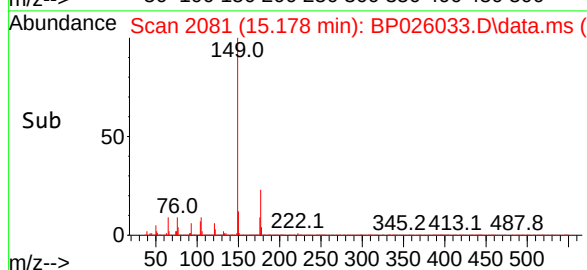
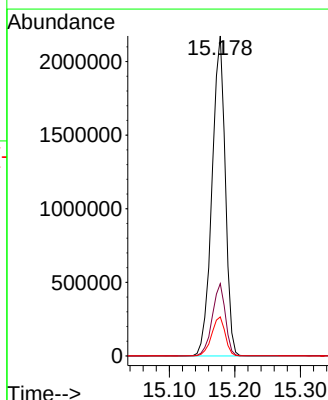
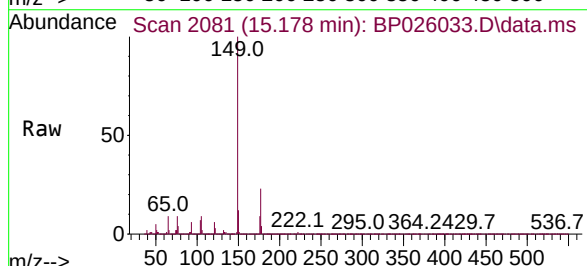
Tgt Ion:149 Resp: 3052331

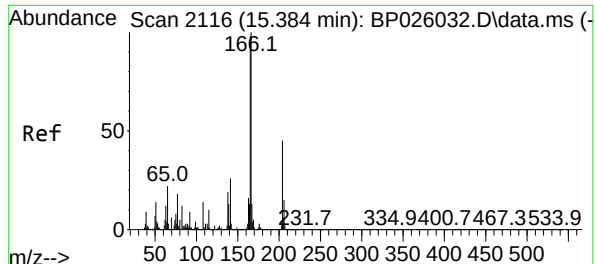
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

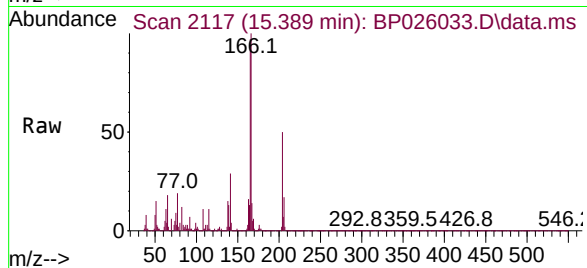
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.714 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

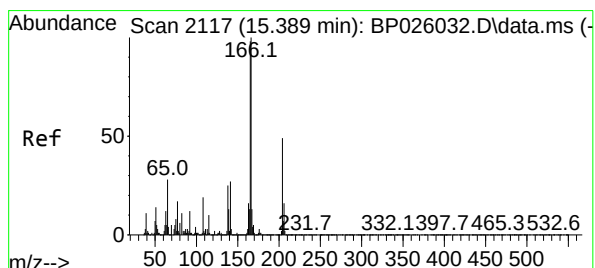
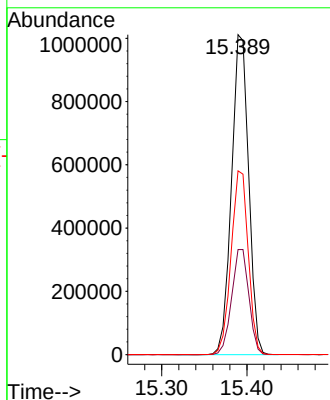
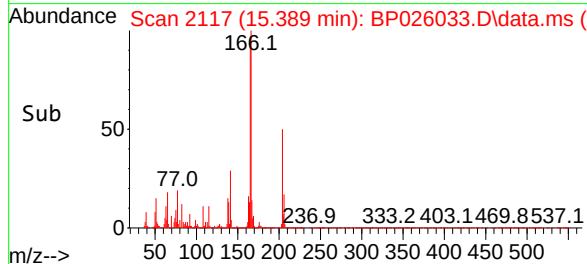
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 140851
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 57.4 47.0 70.4

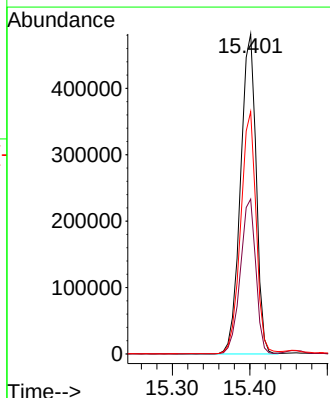
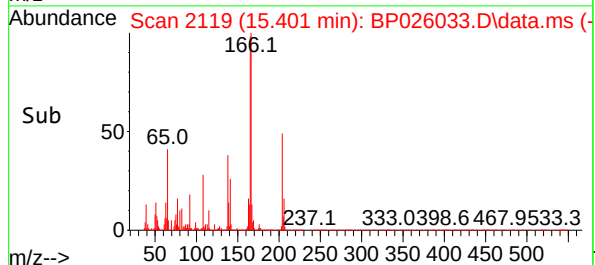
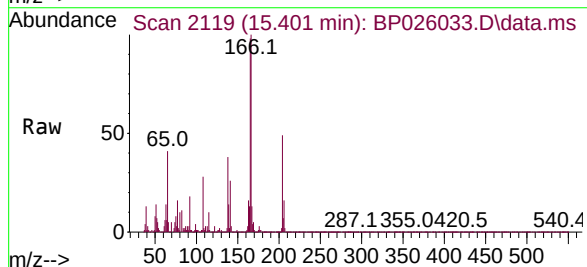
Manual Integrations
APPROVED

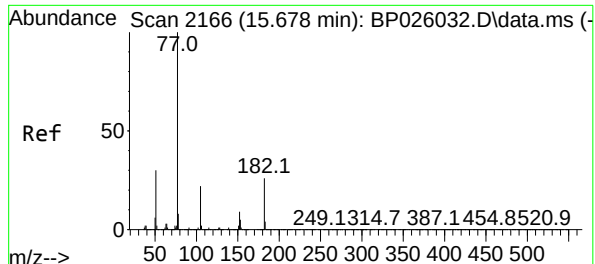
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 47.907 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

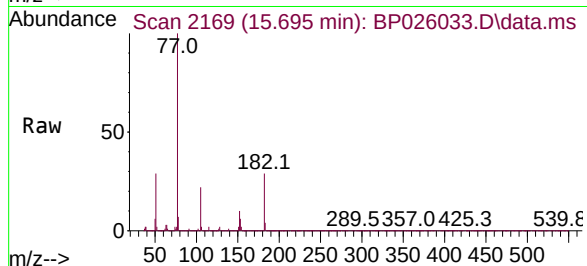
Tgt Ion:138 Resp: 673347
Ion Ratio Lower Upper
138 100
92 48.4 28.2 68.2
108 75.7 56.0 96.0





#63
Azobenzene
Concen: 44.816 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

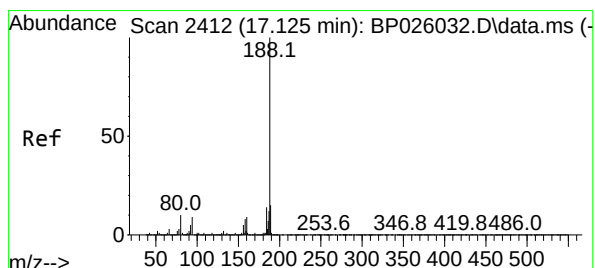
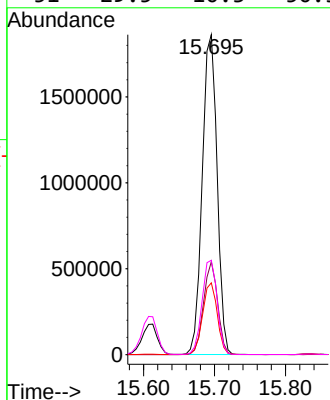
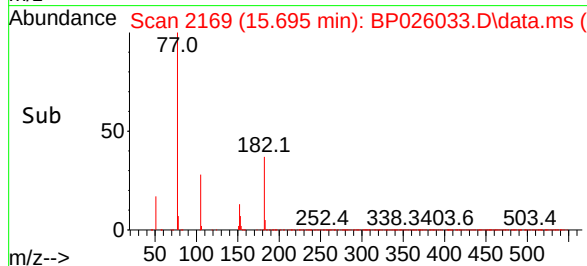
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 268582
Ion Ratio Lower Upper
77 100
182 29.0 6.4 46.4
105 22.5 2.2 42.2
51 29.5 10.3 50.3

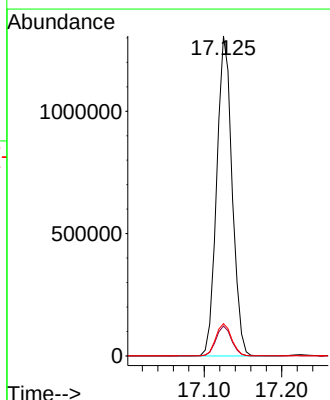
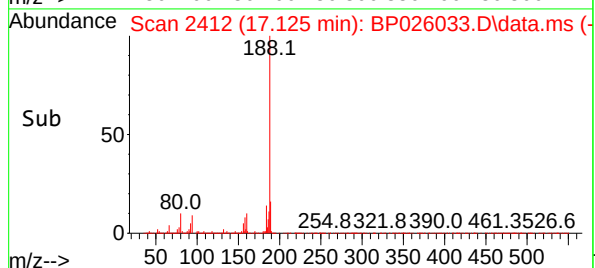
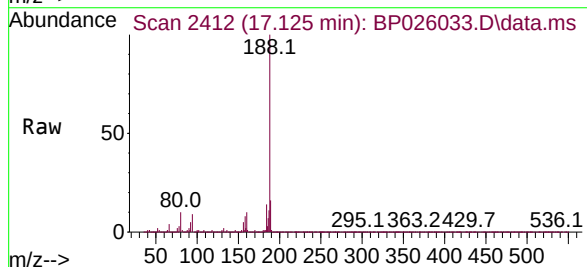
Manual Integrations
APPROVED

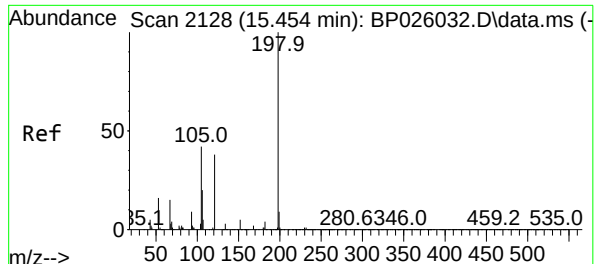
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

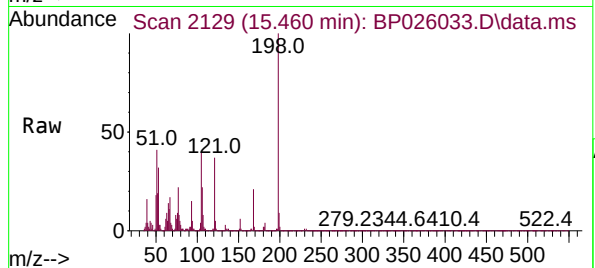
Tgt Ion:188 Resp: 1803155
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.617 ng
RT: 15.460 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

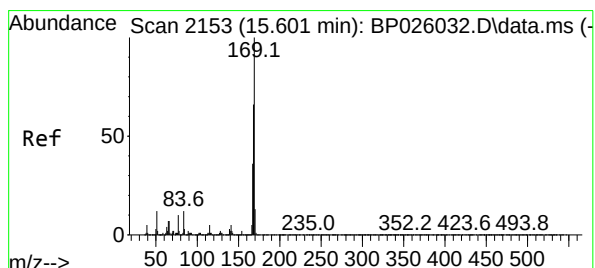
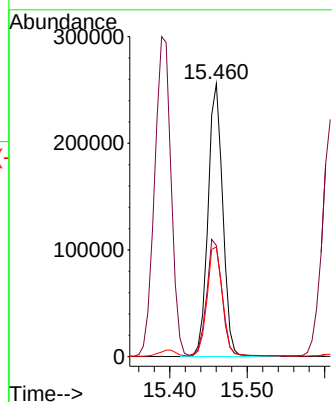
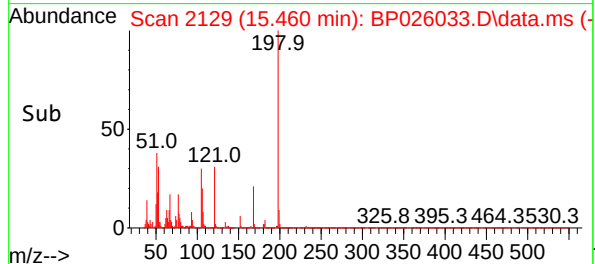
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 336876
Ion Ratio Lower Upper
198 100
51 40.7 25.2 65.2
105 40.1 23.7 63.7

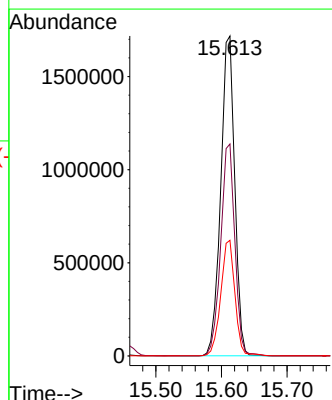
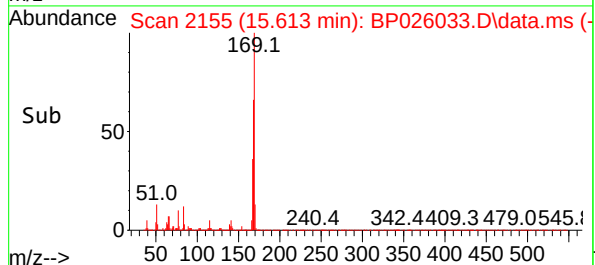
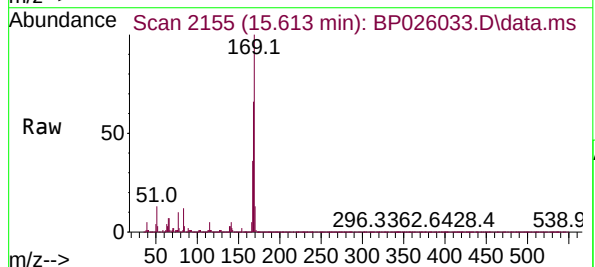
Manual Integrations
APPROVED

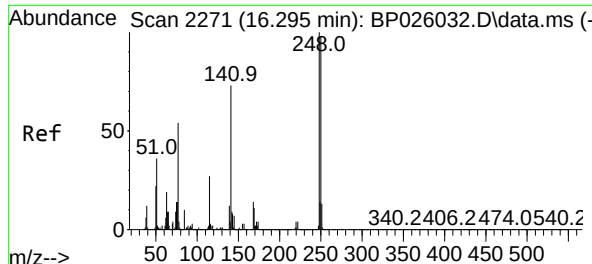
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 45.350 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:169 Resp: 2556770
Ion Ratio Lower Upper
169 100
168 66.2 52.9 79.3
167 36.1 28.9 43.3





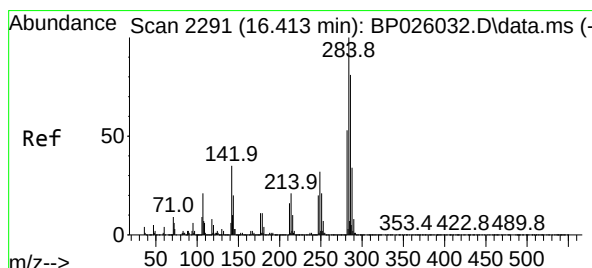
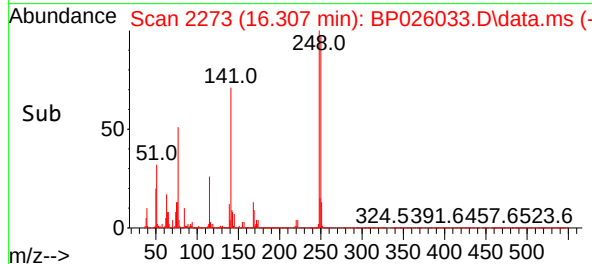
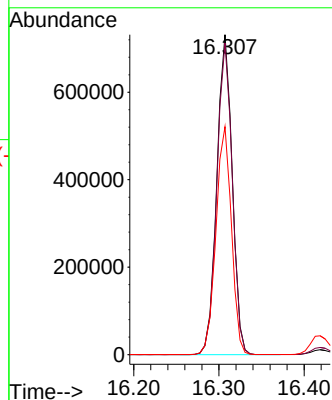
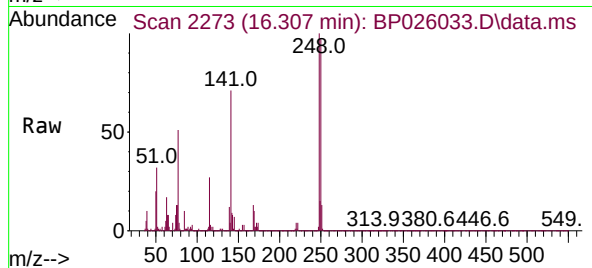
#67
4-Bromophenyl-phenylether
Concen: 45.926 ng
RT: 16.307 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 91858
Ion Ratio Lower Upper
248 100
250 97.4 78.4 117.6
141 71.2 58.3 87.5

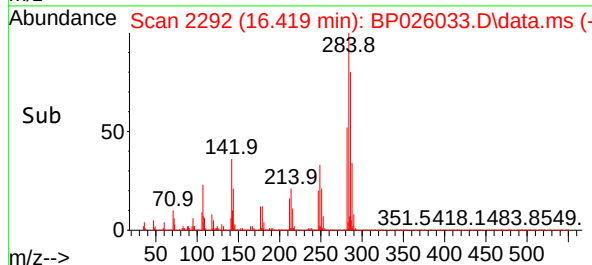
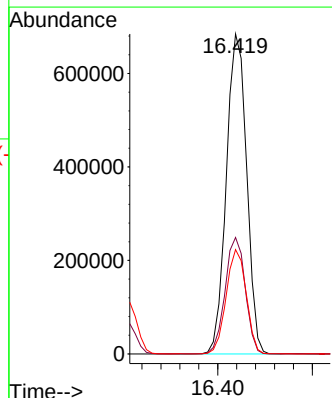
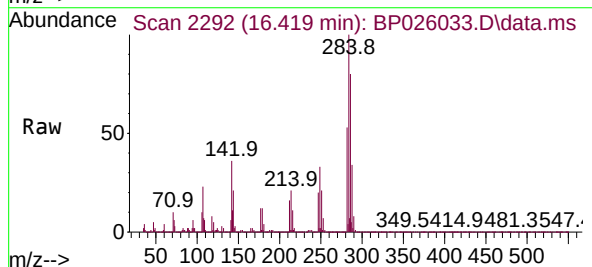
Manual Integrations
APPROVED

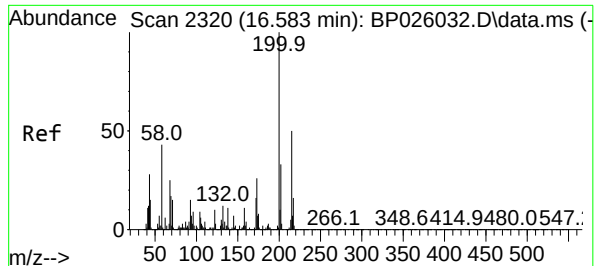
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 44.671 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

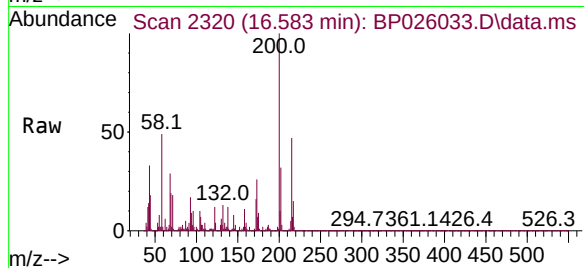
Tgt Ion:284 Resp: 1017148
Ion Ratio Lower Upper
284 100
142 36.4 27.7 41.5
249 32.6 25.5 38.3





#69
Atrazine
Concen: 45.648 ng
RT: 16.583 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

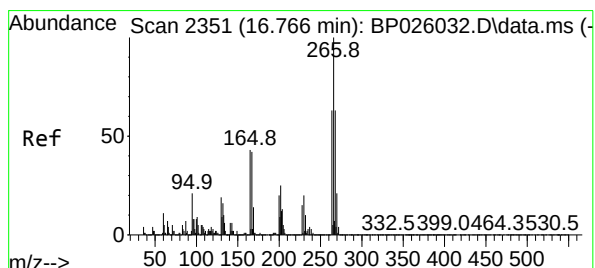
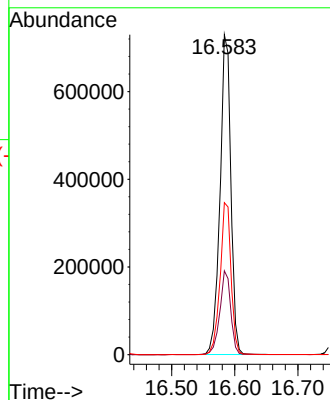
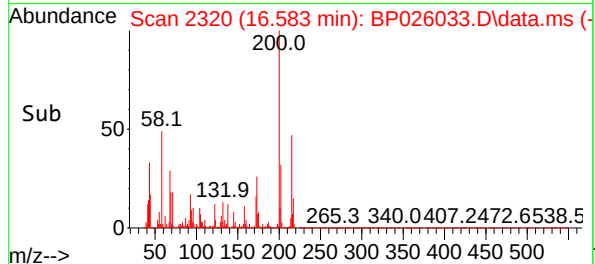
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 868165
Ion Ratio Lower Upper
200 100
173 26.2 6.2 46.2
215 47.5 29.8 69.8

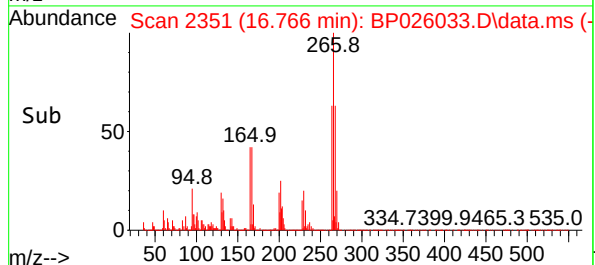
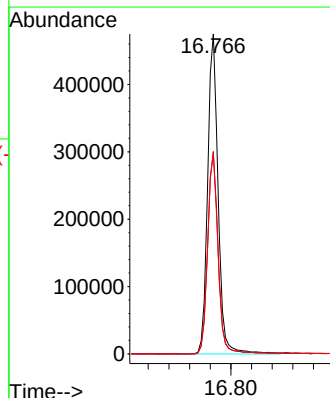
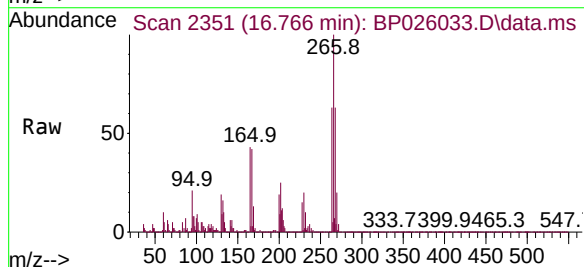
Manual Integrations
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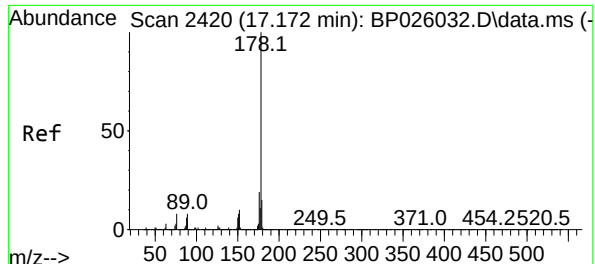
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#70
Pentachlorophenol
Concen: 48.009 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

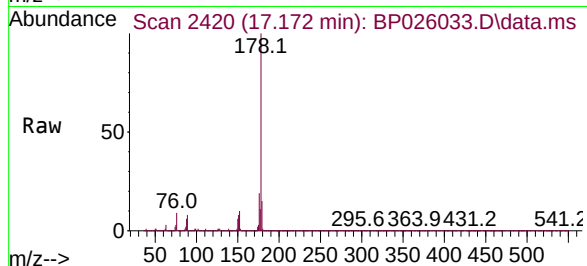
Tgt Ion:266 Resp: 667717
Ion Ratio Lower Upper
266 100
268 63.2 50.6 76.0
264 62.6 50.2 75.4





#71
Phenanthrene
Concen: 44.270 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

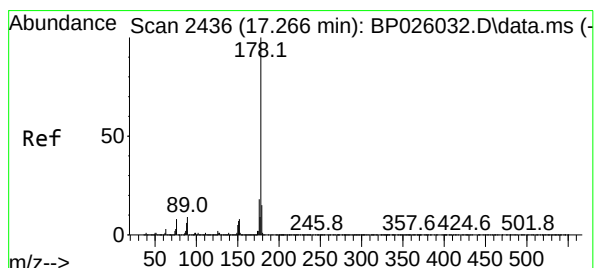
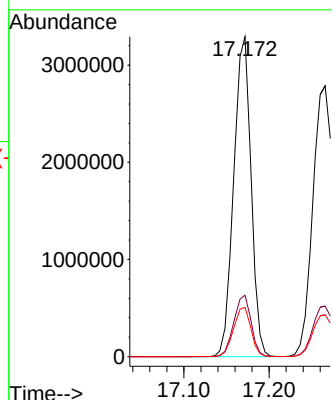
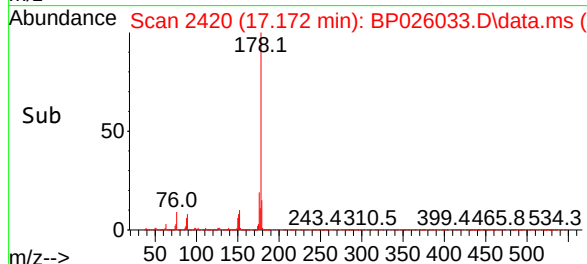
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 464624
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.3 18.5

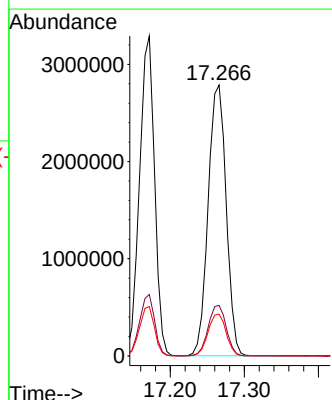
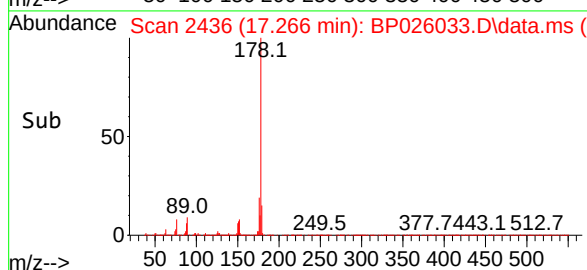
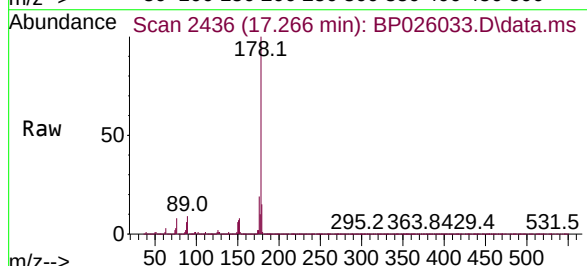
Manual Integrations
APPROVED

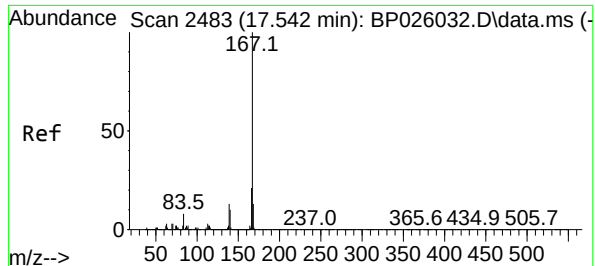
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 45.221 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

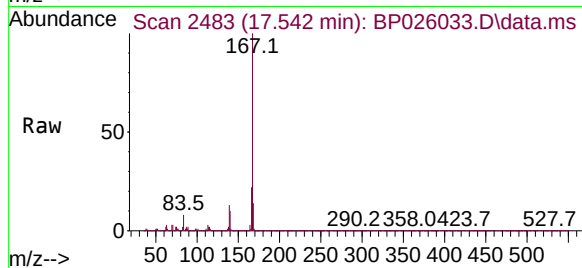
Tgt Ion:178 Resp: 4704548
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4





#73
Carbazole
Concen: 44.353 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

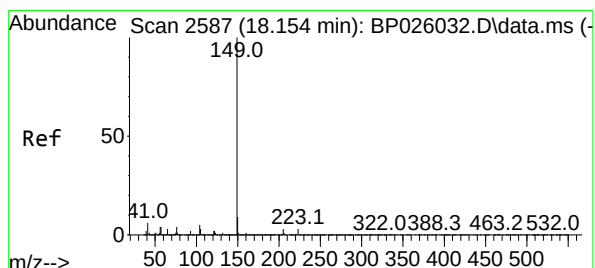
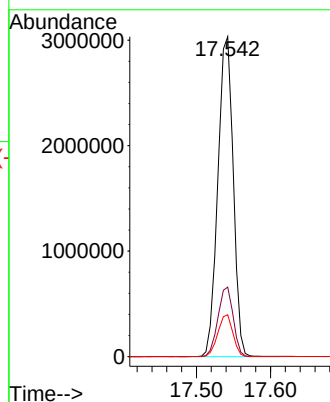
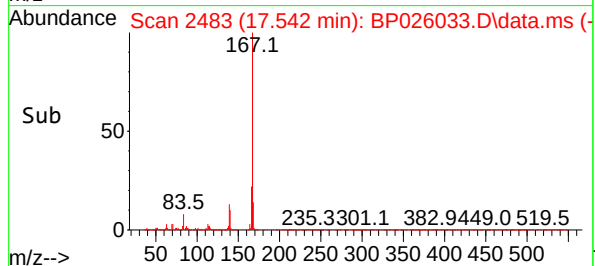
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion:167 Resp: 436788
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 13.1 10.2 15.2

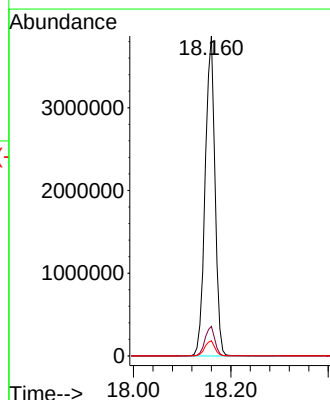
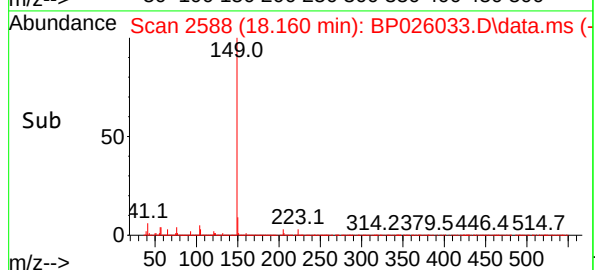
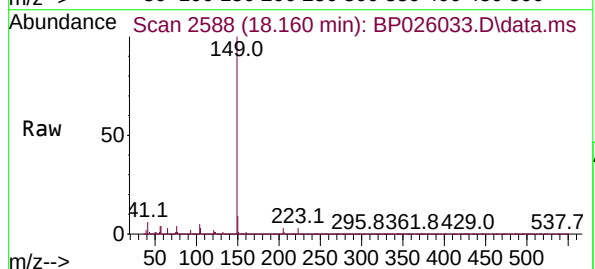
Manual Integrations
APPROVED

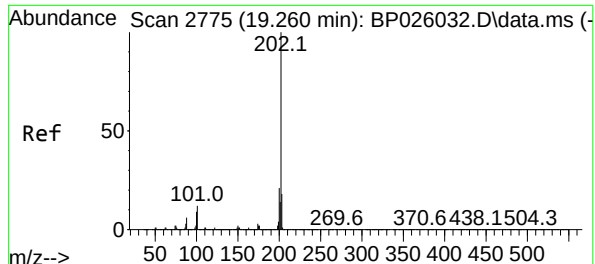
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 48.928 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

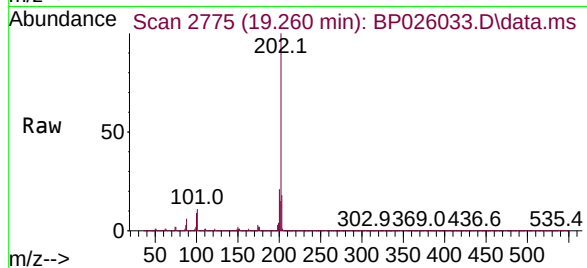
Tgt Ion:149 Resp: 5391627
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 45.075 ng
RT: 19.260 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

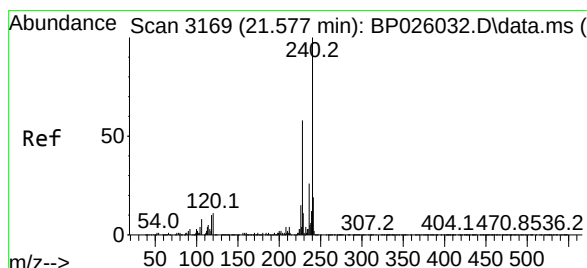
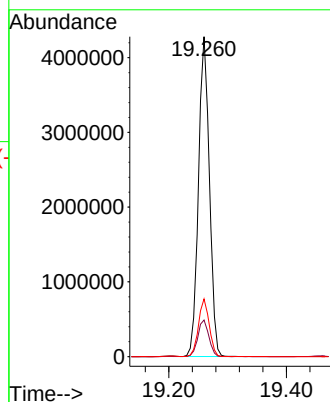
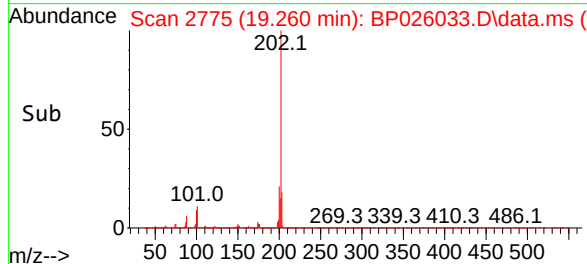
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 5518479
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.1
203 18.0 0.0 37.6

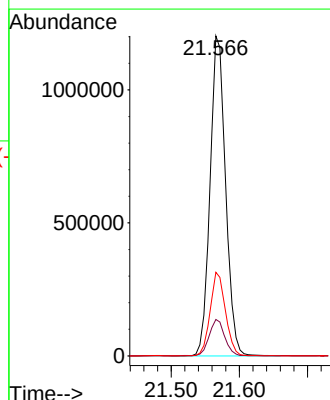
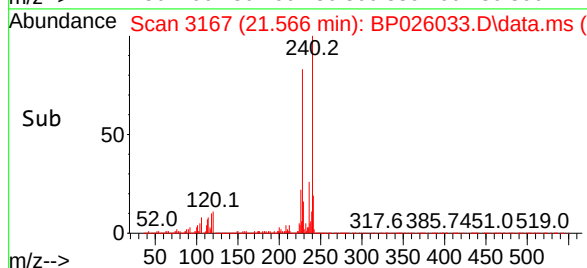
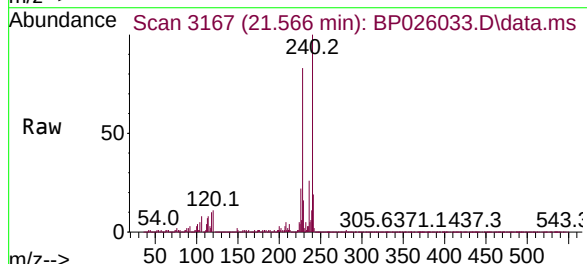
Manual Integrations
APPROVED

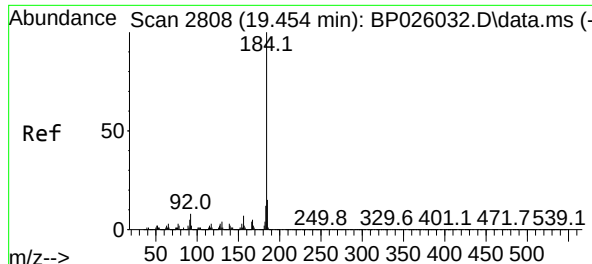
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

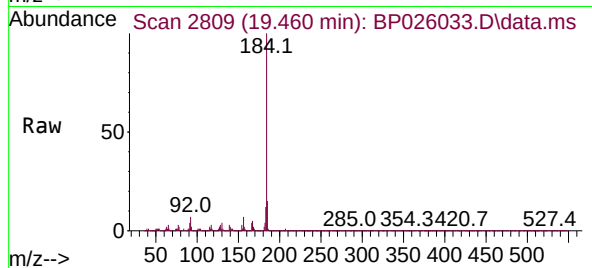
Tgt Ion:240 Resp: 1902632
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.1 20.6 31.0





#77
Benzidine
Concen: 44.405 ng
RT: 19.460 min Scan# 2809
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

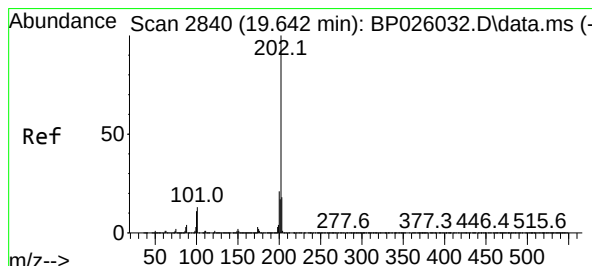
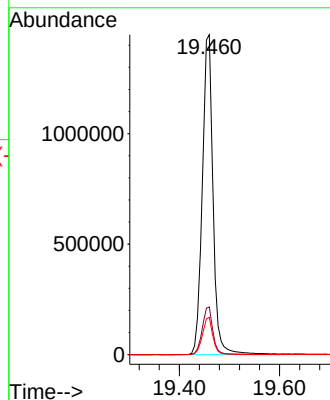
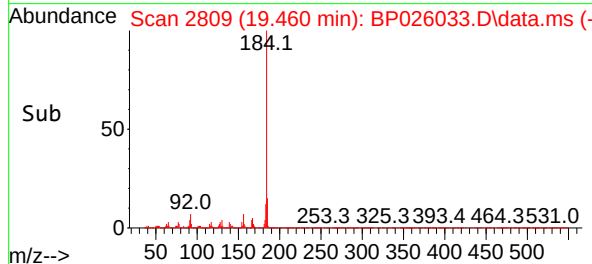
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 2144466
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.6 9.2 13.8

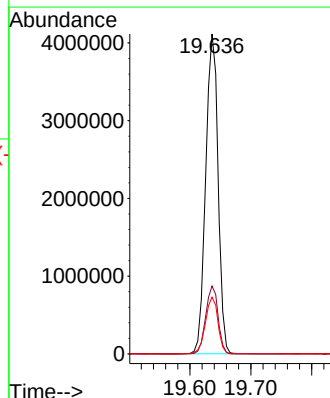
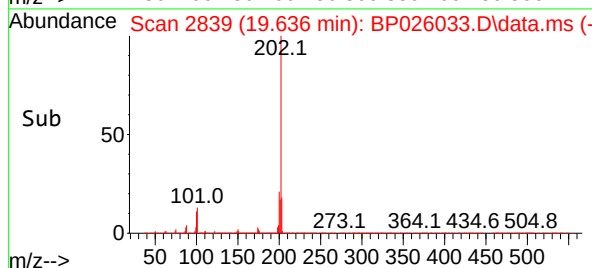
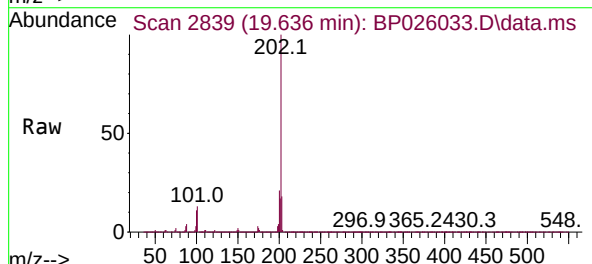
Manual Integrations
APPROVED

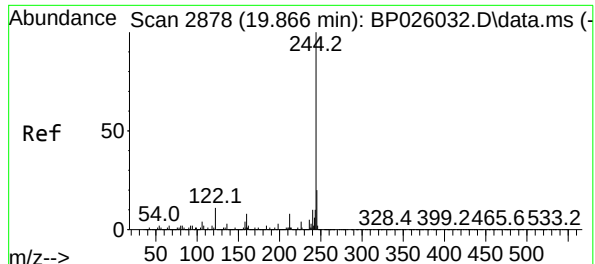
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 44.987 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

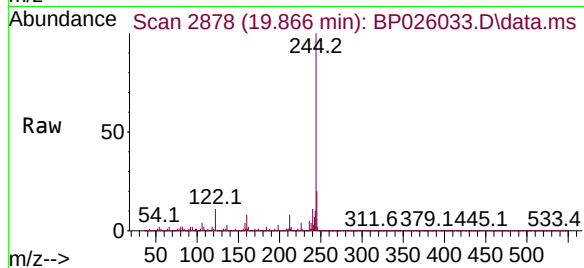
Tgt Ion:202 Resp: 5789133
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 87.388 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

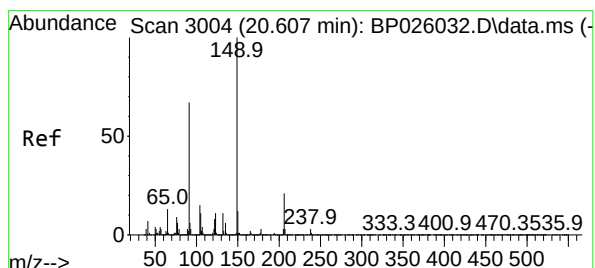
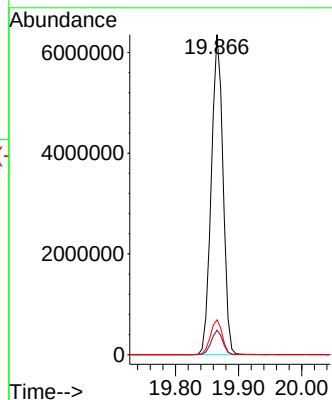
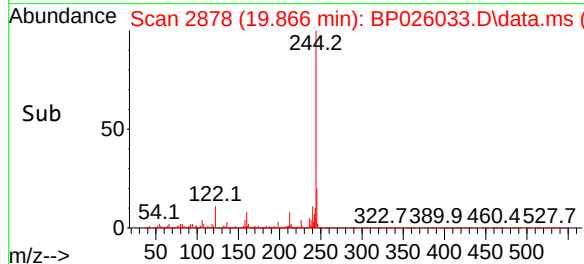
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 8183730
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.9 9.0 13.6

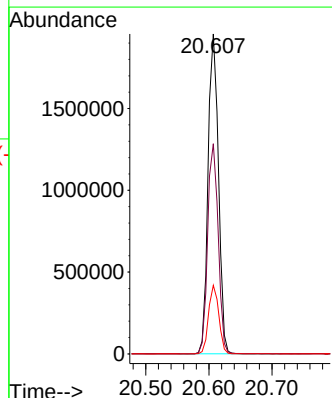
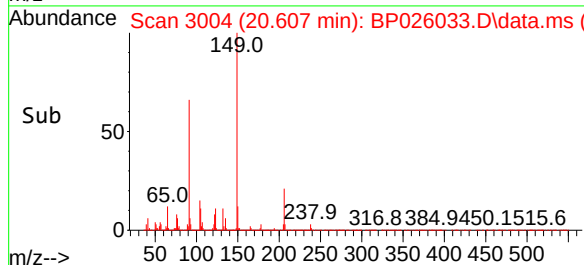
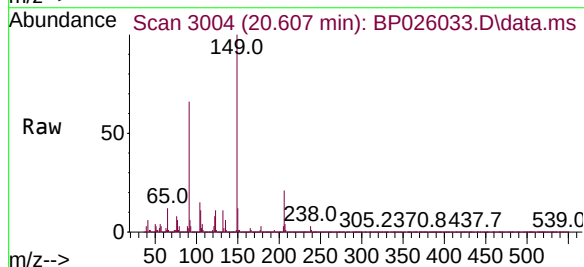
Manual Integrations
APPROVED

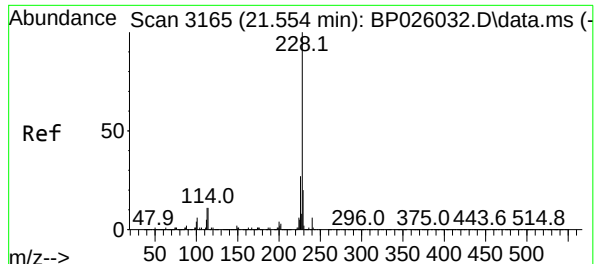
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 46.457 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

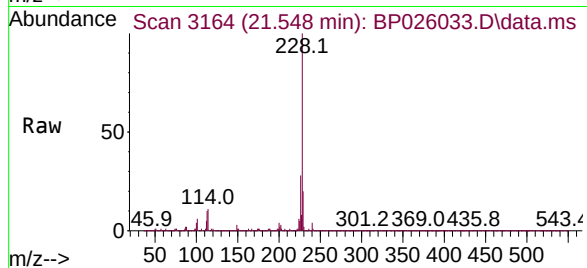
Tgt Ion:149 Resp: 2226346
Ion Ratio Lower Upper
149 100
91 65.7 53.5 80.3
206 21.4 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.546 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

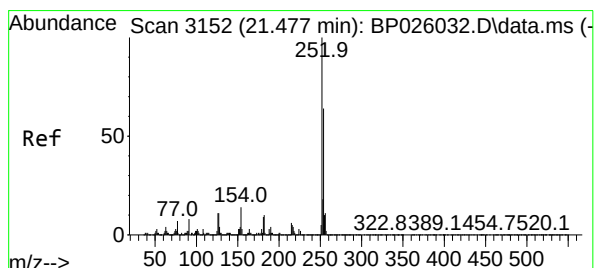
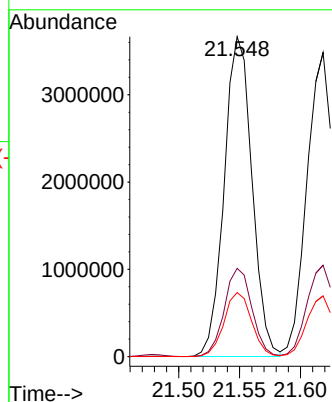
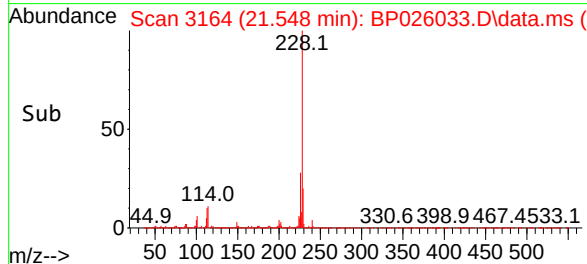
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 5824139
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.0 15.8 23.8

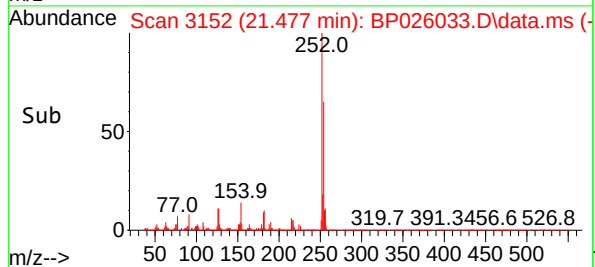
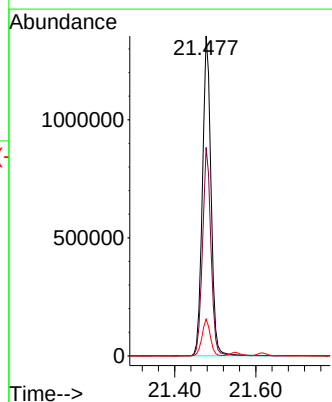
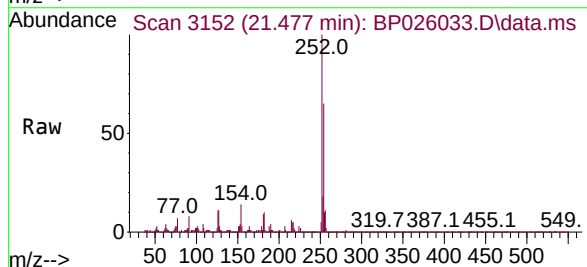
Manual Integrations
APPROVED

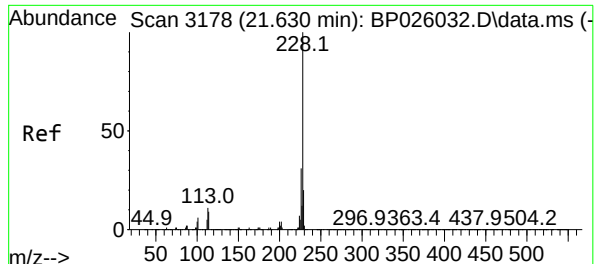
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 47.020 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:252 Resp: 1980734
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 11.5 9.1 13.7





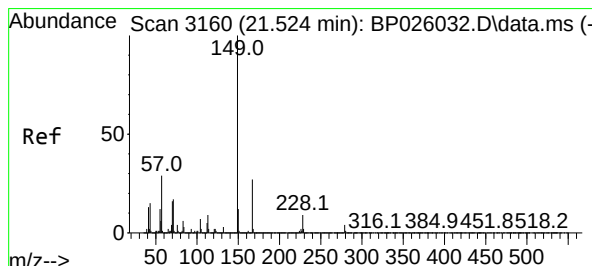
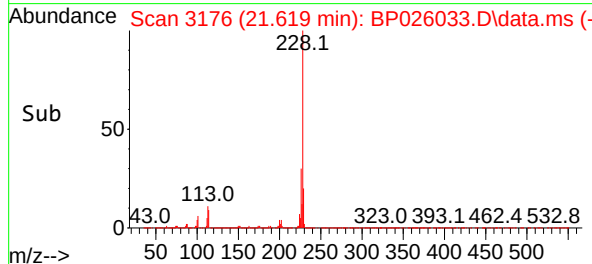
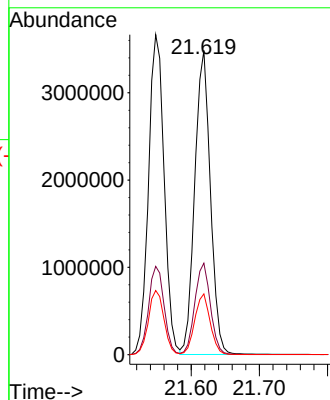
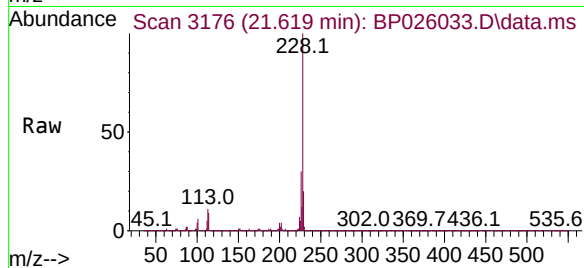
#83
Chrysene
Concen: 44.884 ng
RT: 21.619 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5558878
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.0 16.0 24.0

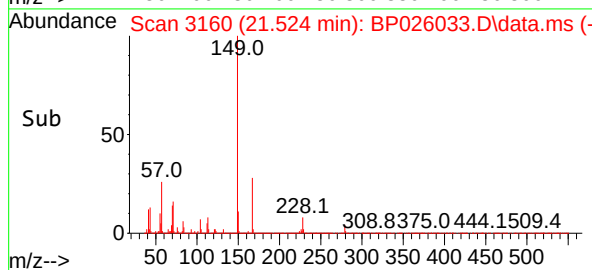
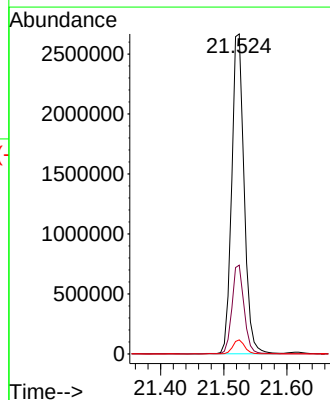
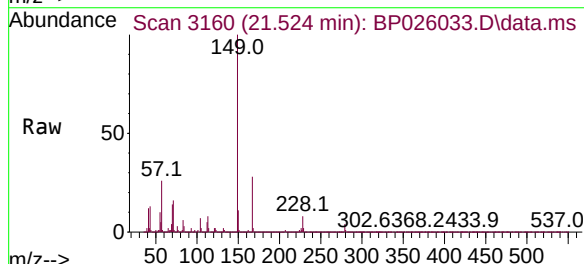
Manual Integrations
APPROVED

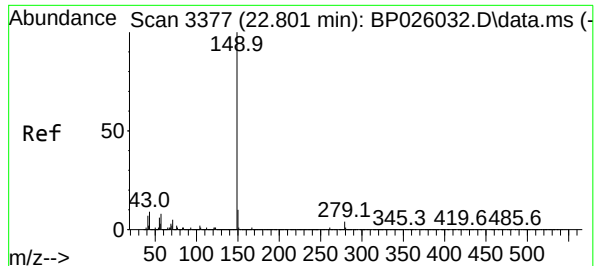
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.172 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

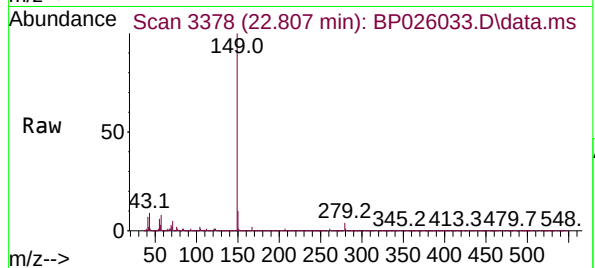
Tgt Ion:149 Resp: 3652585
Ion Ratio Lower Upper
149 100
167 27.7 21.5 32.3
279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 51.985 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

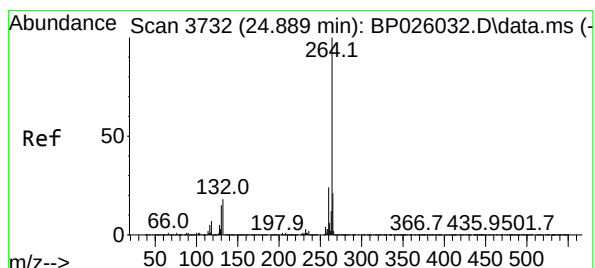
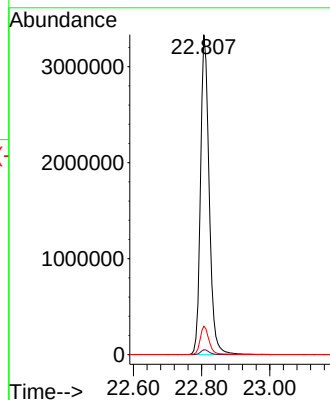
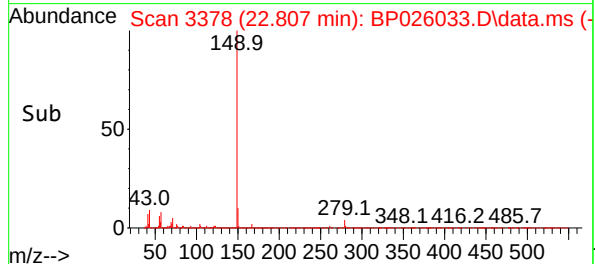
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 5887832
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.6 11.4

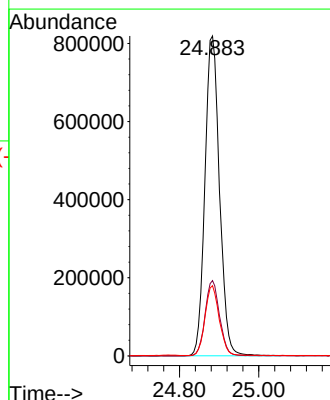
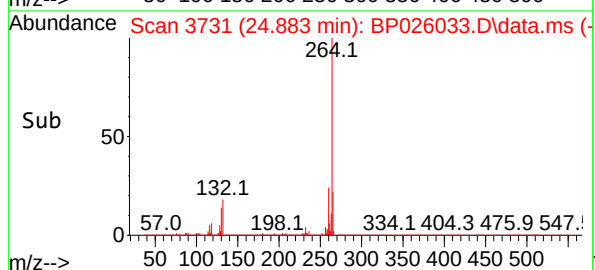
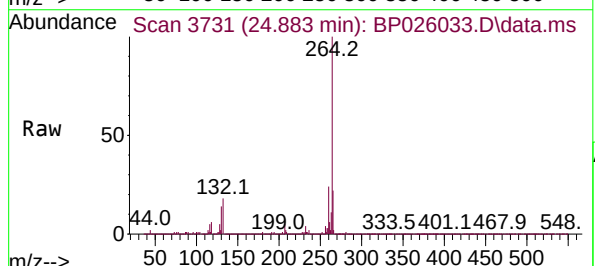
Manual Integrations
APPROVED

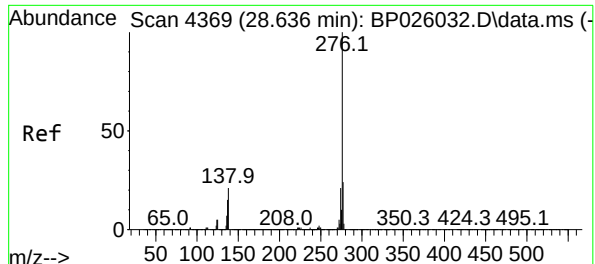
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

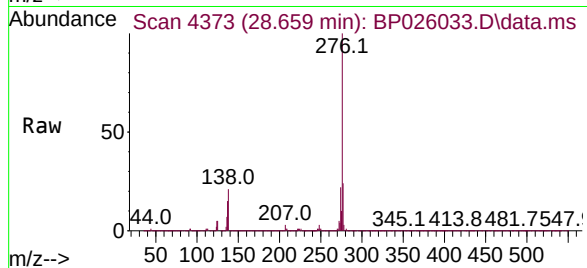
Tgt Ion:264 Resp: 2091380
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.456 ng m
RT: 28.659 min Scan# 4369
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

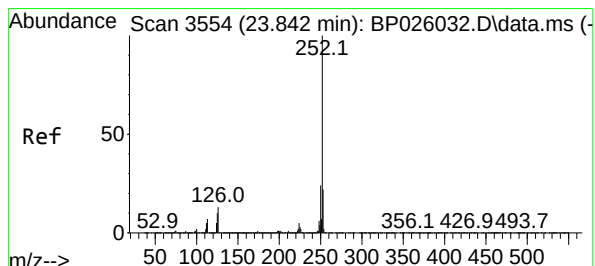
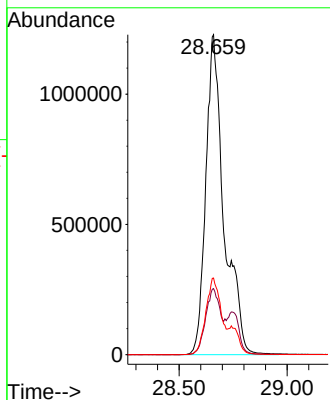
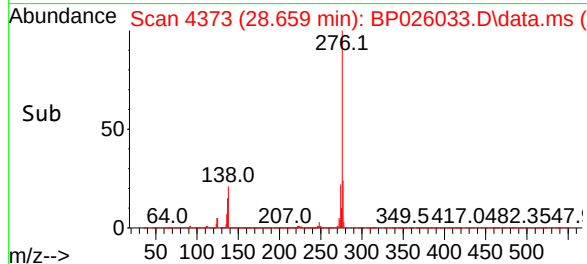
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:276 Resp: 7169922
Ion Ratio Lower Upper
276 100
138 16.6 13.2 19.8
277 20.1 16.3 24.5

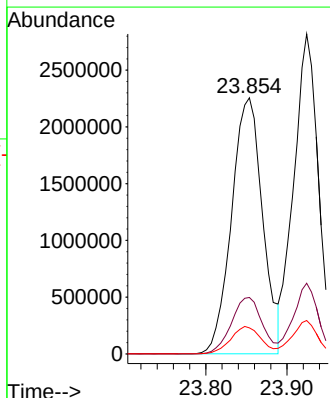
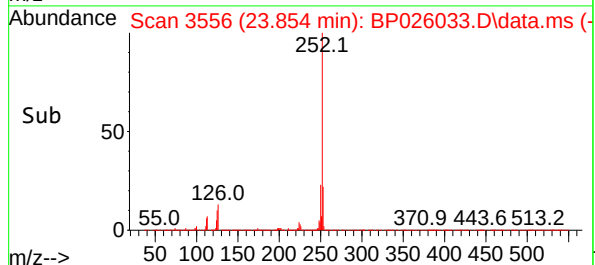
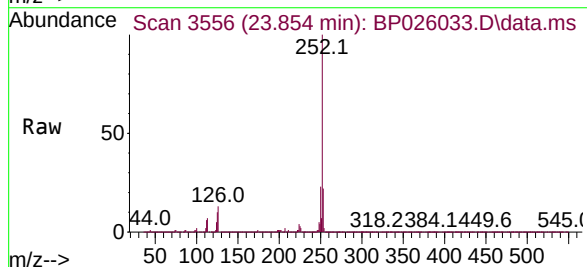
Manual Integrations
APPROVED

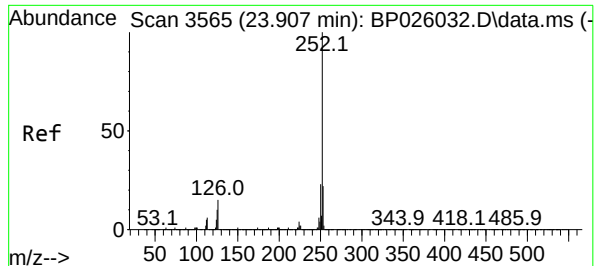
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 46.280 ng
RT: 23.854 min Scan# 3556
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:252 Resp: 6008578
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.984 ng

RT: 23.924 min Scan# 3565

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 596395

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

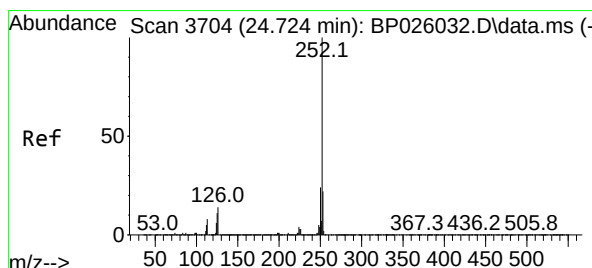
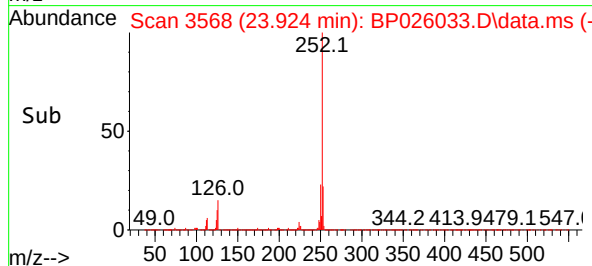
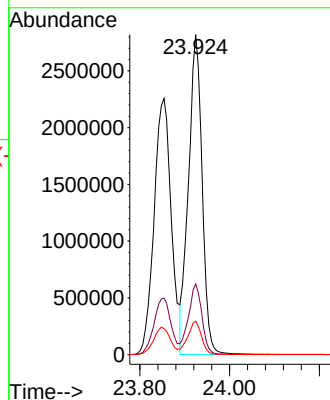
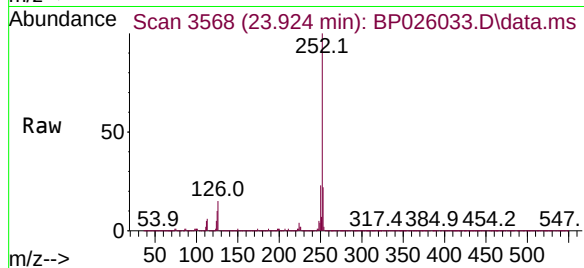
125 10.4 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 46.197 ng

RT: 24.742 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

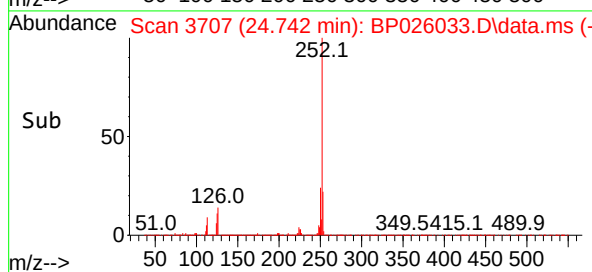
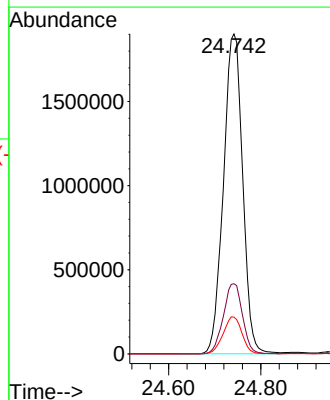
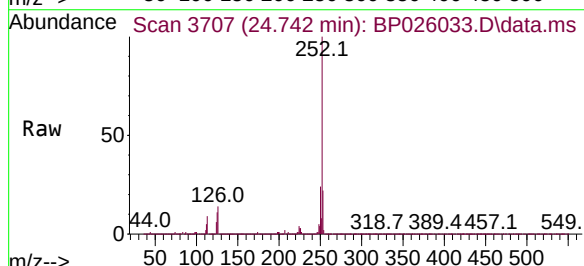
Tgt Ion:252 Resp: 5510203

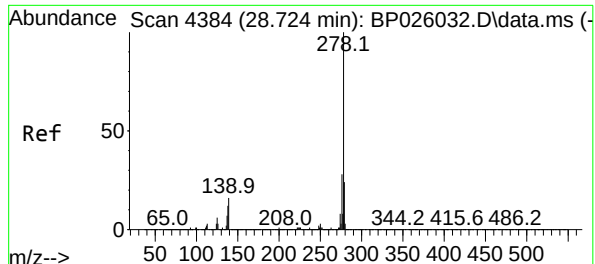
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

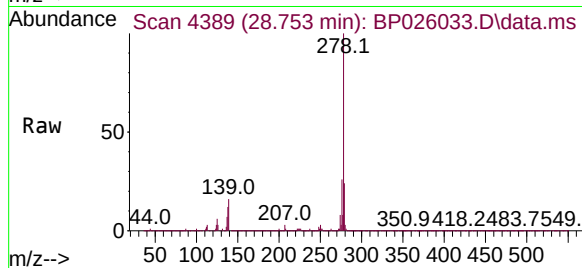
125 11.5 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 46.490 ng
RT: 28.753 min Scan# 4384
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

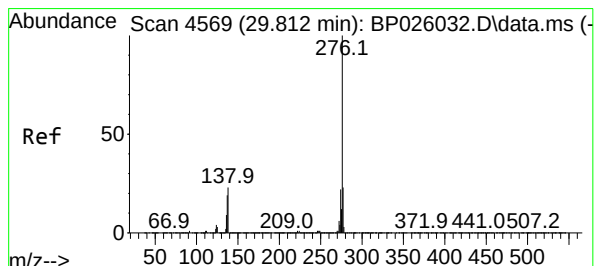
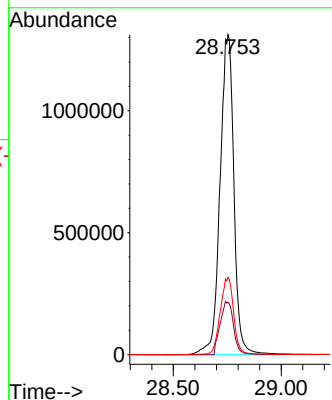
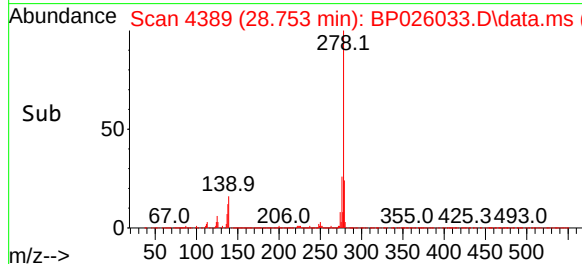
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 5841462
Ion Ratio Lower Upper
278 100
139 16.4 13.0 19.6
279 24.2 18.9 28.3

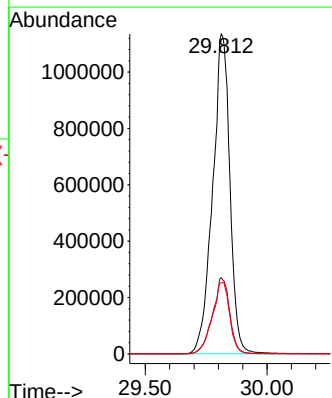
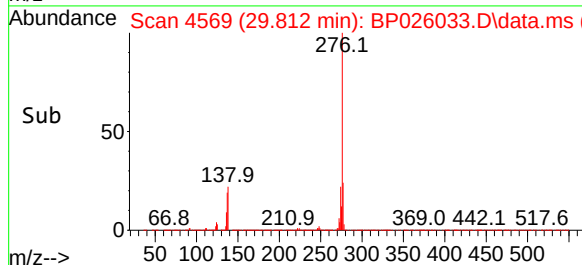
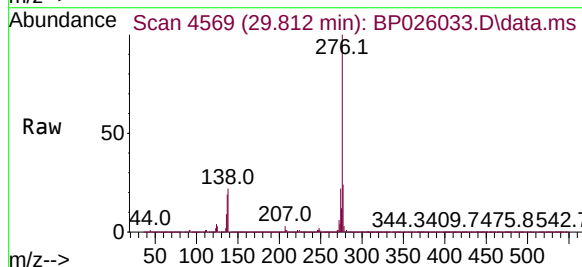
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 46.163 ng
RT: 29.812 min Scan# 4569
Delta R.T. -0.017 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:276 Resp: 5581541
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 22.2 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026034.D
 Acq On : 29 Oct 2025 13:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 29 18:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	294204	20.000	ng	0.00
21) Naphthalene-d8	10.448	136	1188234	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	740246	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1468570	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1519622	20.000	ng	0.02
86) Perylene-d12	24.895	264	1658930	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2326169	130.467	ng	0.00
7) Phenol-d6	6.855	99	2901394	127.851	ng	0.00
23) Nitrobenzene-d5	8.825	82	2556249	134.112	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1109676	138.661	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	6359685	123.451	ng	0.00
79) Terphenyl-d14	19.871	244	9289969	124.204	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	477216	63.490	ng	99
3) Pyridine	3.625	79	1369619	64.099	ng	99
4) n-Nitrosodimethylamine	3.543	42	538920	62.930	ng	96
6) Aniline	7.019	93	1904638	62.886	ng	99
8) 2-Chlorophenol	7.255	128	1304563	66.075	ng	99
9) Benzaldehyde	6.831	77	702436	59.544	ng	99
10) Phenol	6.884	94	1609307	63.877	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	1252563	62.998	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1421445	62.690	ng	99
13) 1,4-Dichlorobenzene	7.719	146	1441195	62.866	ng	99
14) 1,2-Dichlorobenzene	8.031	146	1368134	62.542	ng	98
15) Benzyl Alcohol	7.913	79	1040602	63.606	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1838598	61.185	ng	99
17) 2-Methylphenol	8.113	107	1068062	64.741	ng	99
18) Hexachloroethane	8.754	117	501286	63.902	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	904719	64.223	ng	97
20) 3+4-Methylphenols	8.437	107	1452480	63.287	ng	99
22) Acetophenone	8.490	105	1872894	62.324	ng	# 99
24) Nitrobenzene	8.866	77	1321111	65.646	ng	99
25) Isophorone	9.384	82	2601391	63.763	ng	99
27) 2,4-Dimethylphenol	9.625	122	1124076	65.520	ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1608539	62.561	ng	99
29) 2,4-Dichlorophenol	10.096	162	1213575	66.994	ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	1238545	62.905	ng	98
31) Naphthalene	10.501	128	4053338	62.555	ng	100
32) Benzoic acid	9.766	122	733177	63.317	ng	97
33) 4-Chloroaniline	10.601	127	1586613	63.721	ng	99
34) Hexachlorobutadiene	10.790	225	792964	63.376	ng	99
35) Caprolactam	11.372	113	414253	65.121	ng	93
36) 4-Chloro-3-methylphenol	11.725	107	1268077	66.778	ng	100
37) 2-Methylnaphthalene	12.113	142	2826130	62.316	ng	100
38) 1-Methylnaphthalene	12.337	142	2744994	62.303	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1452519	63.152	ng	100
41) Hexachlorocyclopentadiene	12.478	237	577139	68.581	ng	97
43) 2,4,6-Trichlorophenol	12.731	196	947367	69.685	ng	99
44) 2,4,5-Trichlorophenol	12.795	196	1042039	67.173	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026034.D
 Acq On : 29 Oct 2025 13:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 29 18:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

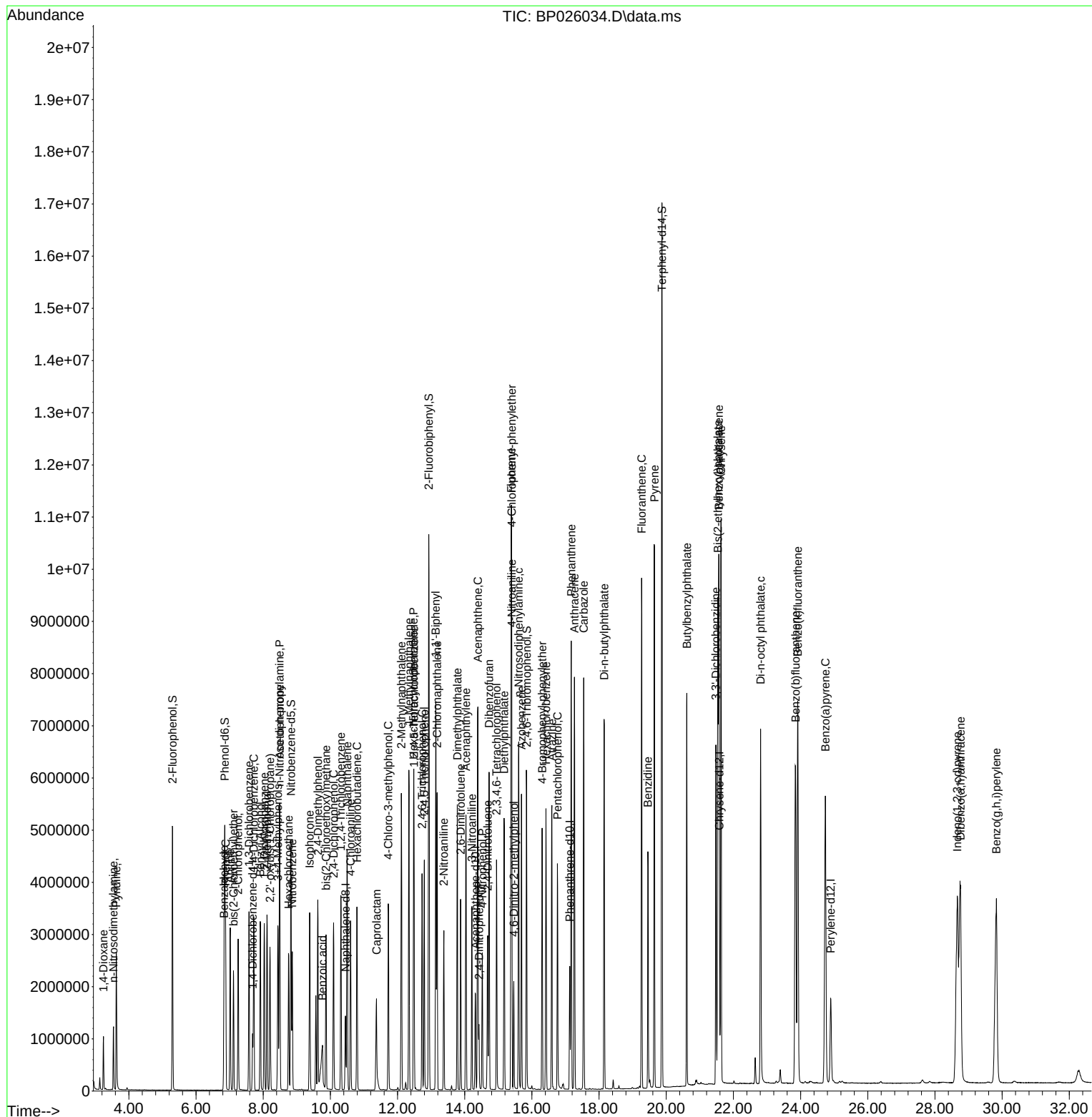
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.137	154	3519299	62.090	ng	100
47) 2-Chloronaphthalene	13.178	162	2781932	62.380	ng	98
48) 2-Nitroaniline	13.378	65	737734	64.505	ng	98
49) Acenaphthylene	14.037	152	4167114	64.110	ng	100
50) Dimethylphthalate	13.778	163	3449991	64.073	ng	100
51) 2,6-Dinitrotoluene	13.878	165	652327	64.811	ng	99
52) Acenaphthene	14.389	154	2837620	63.592	ng	99
53) 3-Nitroaniline	14.213	138	780369	63.434	ng	99
54) 2,4-Dinitrophenol	14.425	184	274254	63.744	ng	95
55) Dibenzofuran	14.725	168	4183126	62.047	ng	100
56) 4-Nitrophenol	14.525	139	688114	64.089	ng	99
57) 2,4-Dinitrotoluene	14.684	165	961200	65.768	ng	95
58) Fluorene	15.383	166	3313648	62.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	858179	70.360	ng	100
60) Diethylphthalate	15.172	149	3534128	65.288	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1640879	62.210	ng	99
62) 4-Nitroaniline	15.401	138	817496	71.051	ng	99
63) Azobenzene	15.689	77	3079138	62.764	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	420911	64.124	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2901612	63.193	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	1043905	64.082	ng	98
68) Hexachlorobenzene	16.419	284	1180264	63.645	ng	100
69) Atrazine	16.595	200	1050788	67.838	ng	98
70) Pentachlorophenol	16.760	266	783472	69.166	ng	99
71) Phenanthrene	17.172	178	5263383	61.576	ng	99
72) Anthracene	17.266	178	5375909	63.447	ng	100
73) Carbazole	17.542	167	5059908	63.086	ng	100
74) Di-n-butylphthalate	18.154	149	6072603	67.663	ng	100
75) Fluoranthene	19.266	202	6263426	62.816	ng	99
77) Benzidine	19.454	184	2726283	70.680	ng	100
78) Pyrene	19.648	202	6521771	63.454	ng	99
80) Butylbenzylphthalate	20.613	149	2549176	65.127	ng	97
81) Benzo(a)anthracene	21.566	228	6577757	62.991	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2266707	67.371	ng	100
83) Chrysene	21.630	228	6150315	62.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	3949393	62.903	ng	99
85) Di-n-octyl phthalate	22.807	149	6415656	70.922	ng	99
87) Indeno(1,2,3-cd)pyrene	28.665	276	8109098	66.237	ng	99
88) Benzo(b)fluoranthene	23.848	252	6695122	65.011	ng	100
89) Benzo(k)fluoranthene	23.912	252	6702900	63.737	ng	99
90) Benzo(a)pyrene	24.736	252	6233786	65.888	ng	99
91) Dibenzo(a,h)anthracene	28.759	278	6571045	65.929	ng	100
92) Benzo(g,h,i)perylene	29.830	276	6265775	65.331	ng	99

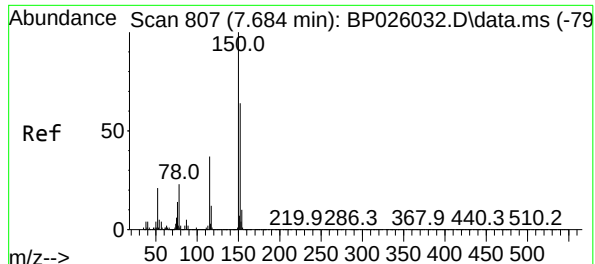
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : BP026034.D
 Acq On : 29 Oct 2025 13:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 29 18:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

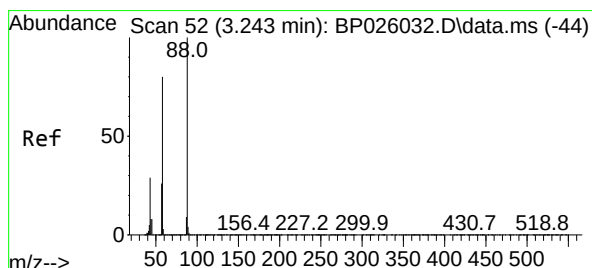
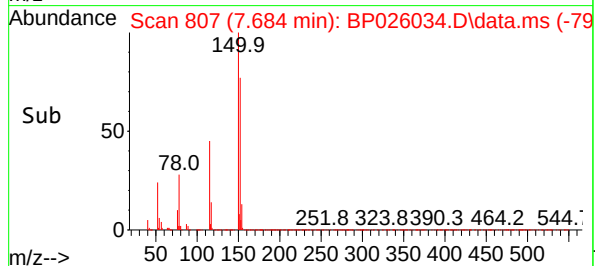
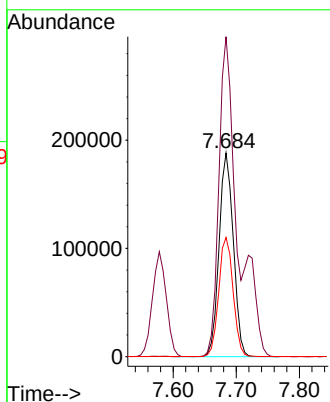
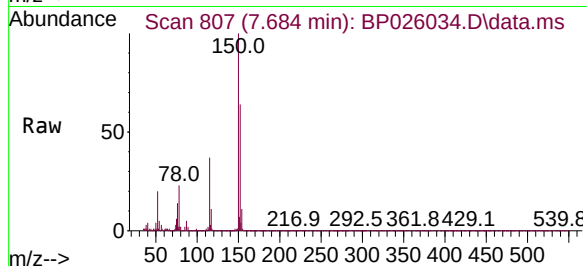




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

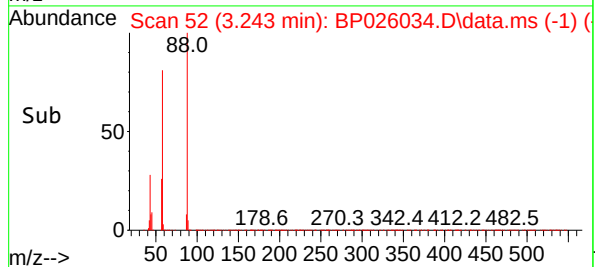
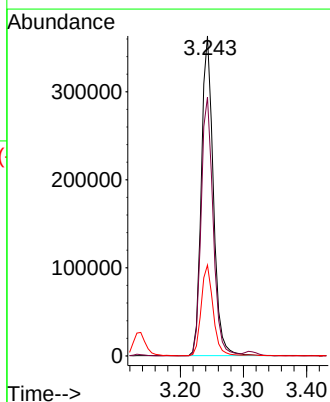
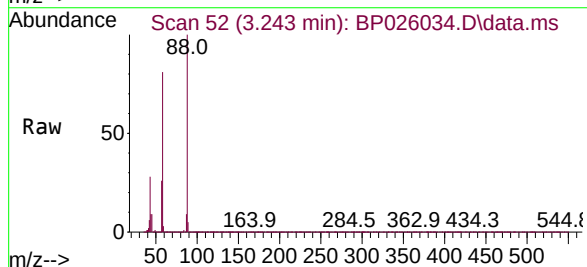
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

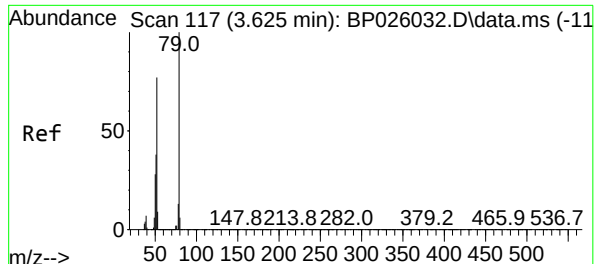
Tgt Ion:152 Resp: 294204
Ion Ratio Lower Upper
152 100
150 157.2 125.7 188.5
115 58.6 46.4 69.6



#2
1,4-Dioxane
Concen: 63.490 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 88 Resp: 477216
Ion Ratio Lower Upper
88 100
58 81.2 65.4 98.0
43 28.2 23.1 34.7





#3

Pyridine

Concen: 64.099 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

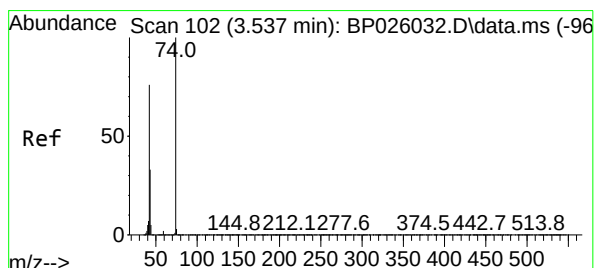
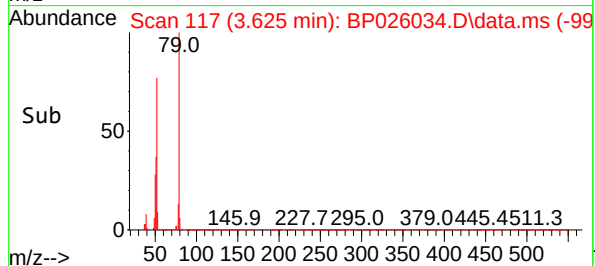
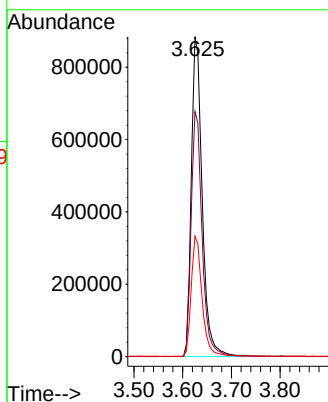
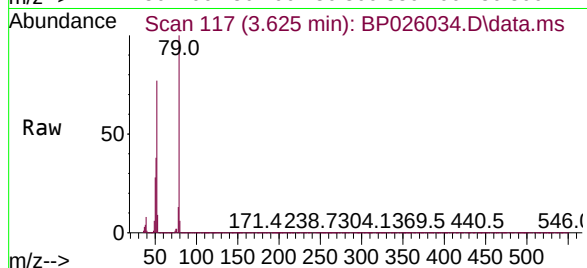
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1369619

Ion	Ratio	Lower	Upper
79	100		
52	76.5	62.0	93.0
51	37.6	30.6	46.0



#4

n-Nitrosodimethylamine

Concen: 62.930 ng

RT: 3.543 min Scan# 103

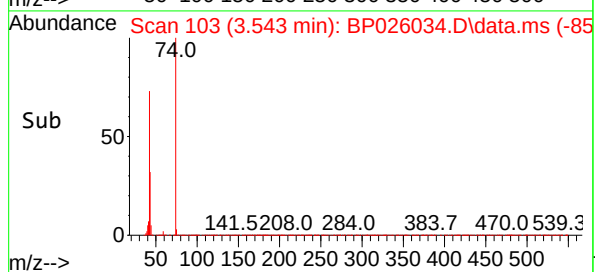
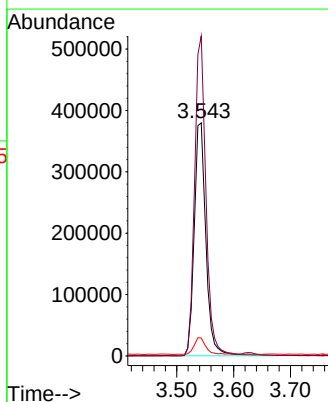
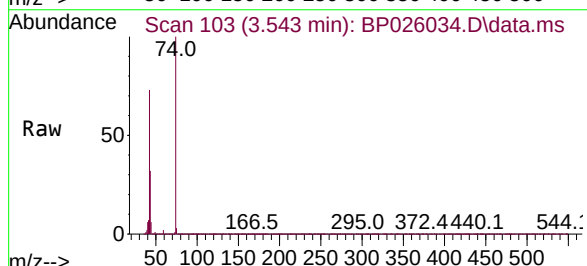
Delta R.T. 0.006 min

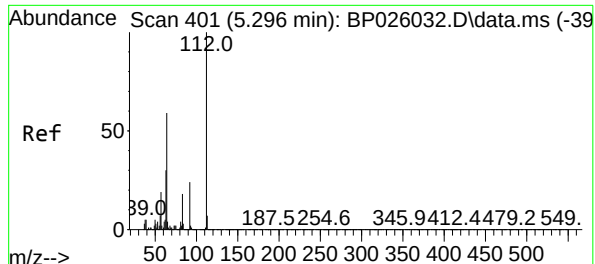
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 42 Resp: 538920

Ion	Ratio	Lower	Upper
42	100		
74	137.3	105.7	158.5
44	7.7	6.6	9.8

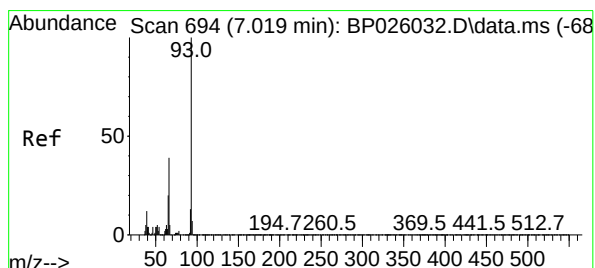
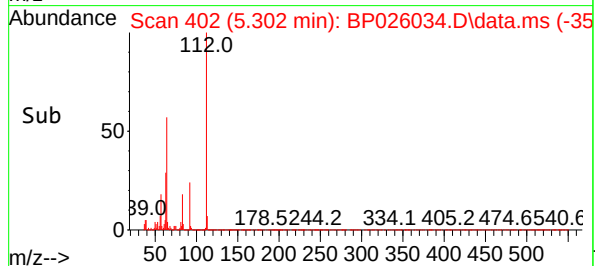
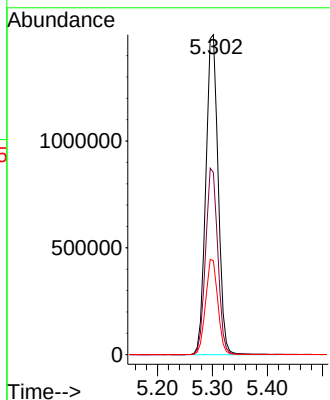
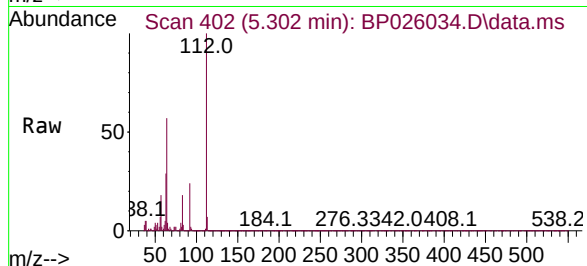




#5
2-Fluorophenol
Concen: 130.467 ng
RT: 5.302 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

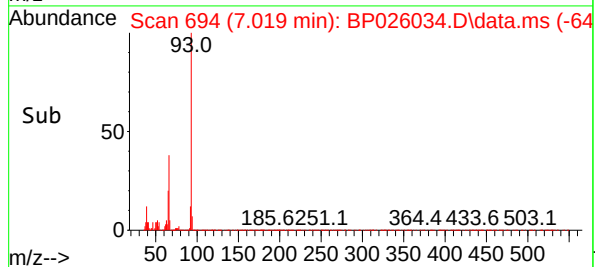
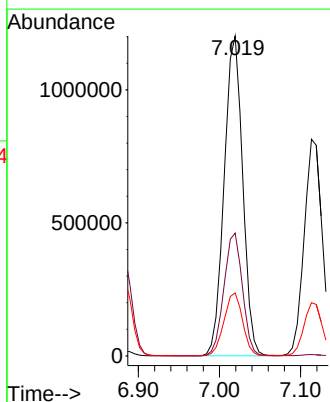
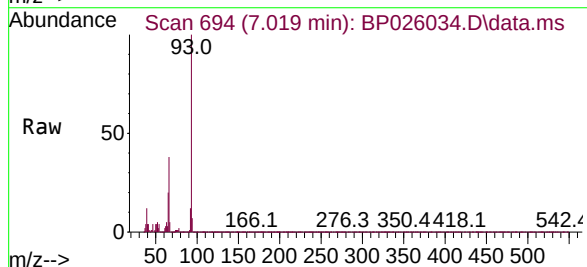
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

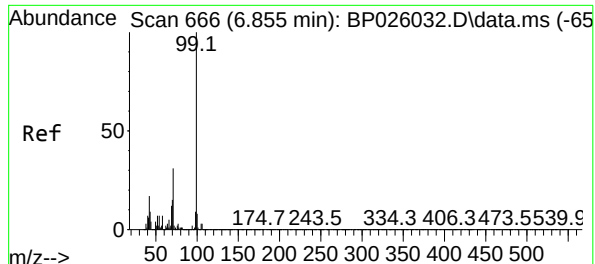
Tgt Ion:112 Resp: 2326169
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 29.3 24.2 36.4



#6
Aniline
Concen: 62.886 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 93 Resp: 1904638
Ion Ratio Lower Upper
93 100
66 38.4 31.2 46.8
65 19.7 16.1 24.1





#7

Phenol-d6

Concen: 127.851 ng

RT: 6.855 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

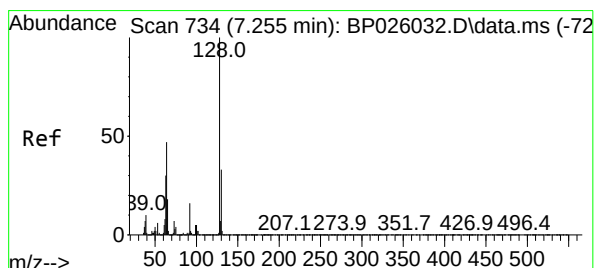
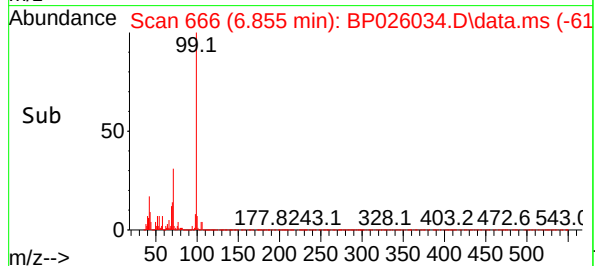
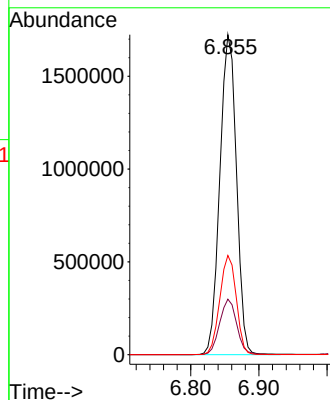
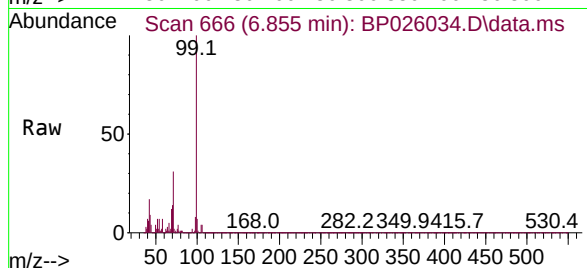
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 2901394

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	31.0	24.4	36.6



#8

2-Chlorophenol

Concen: 66.075 ng

RT: 7.255 min Scan# 734

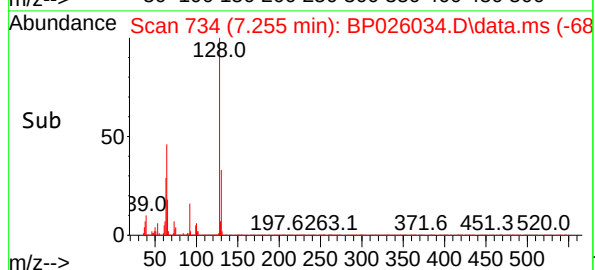
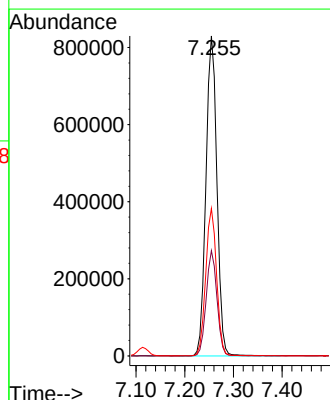
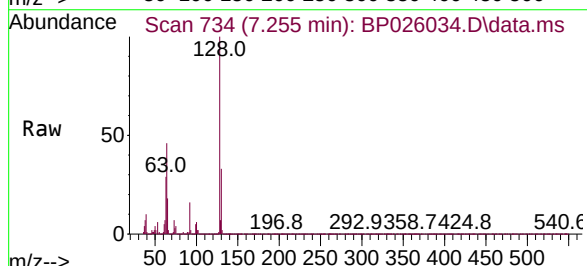
Delta R.T. 0.000 min

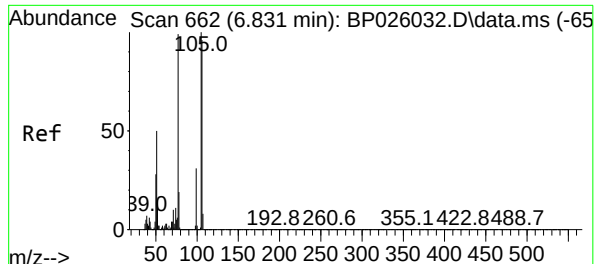
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:128 Resp: 1304563

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	46.1	27.4	67.4

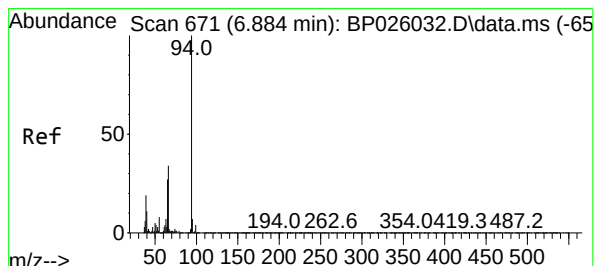
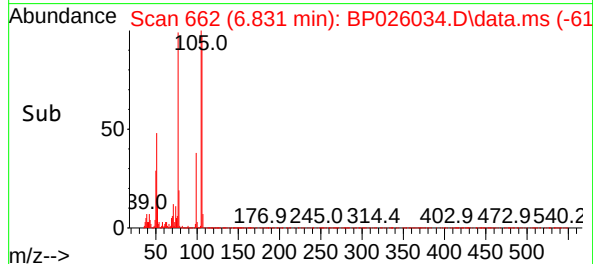
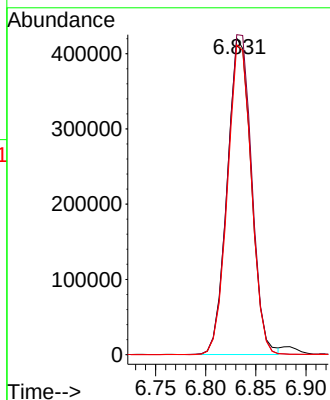
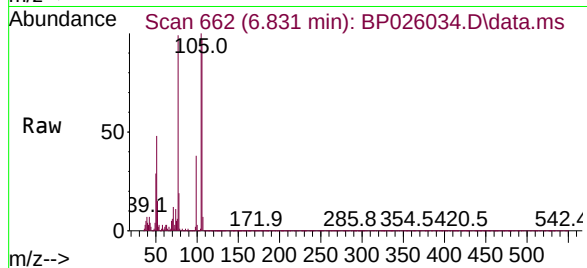




#9
Benzaldehyde
Concen: 59.544 ng
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

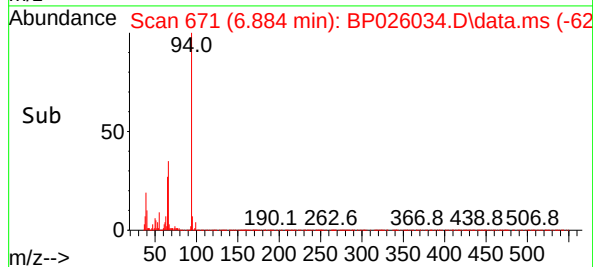
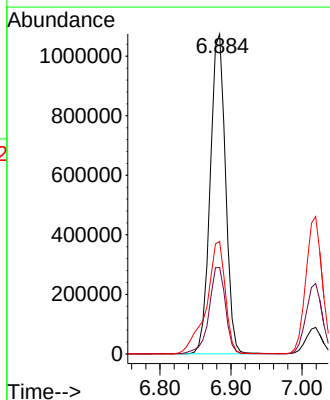
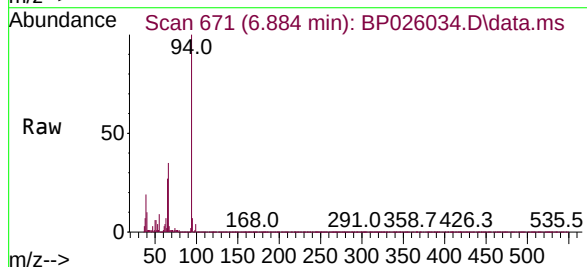
Instrument :
BNA_P
ClientSampleId :
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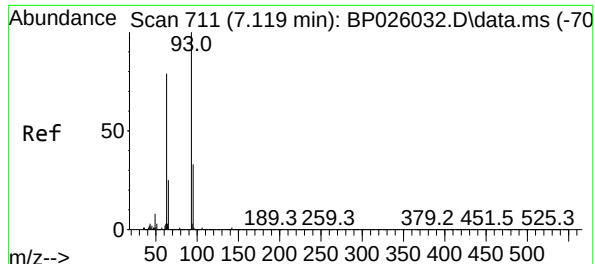
Tgt Ion: 77 Resp: 702436
Ion Ratio Lower Upper
77 100
105 101.2 80.7 120.7
106 97.9 76.5 116.5



#10
Phenol
Concen: 63.877 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 94 Resp: 1609307
Ion Ratio Lower Upper
94 100
65 27.0 7.1 47.1
66 35.1 14.4 54.4

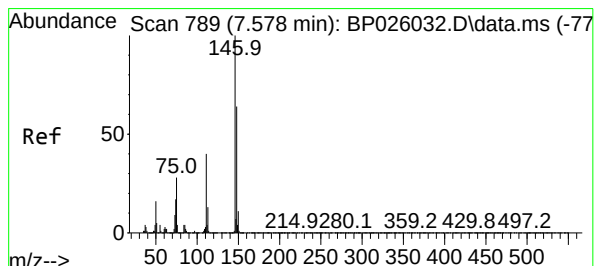
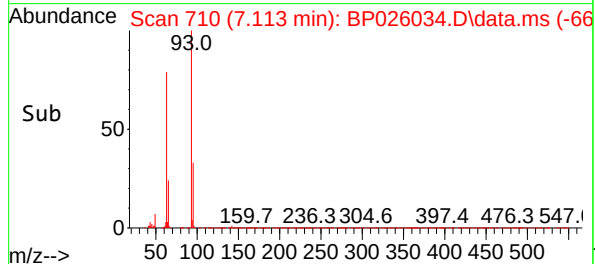
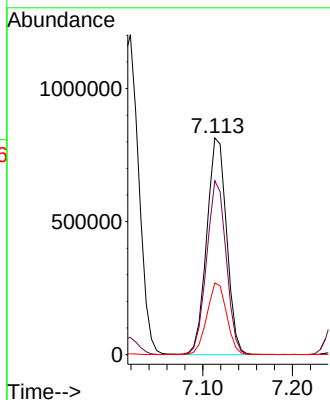
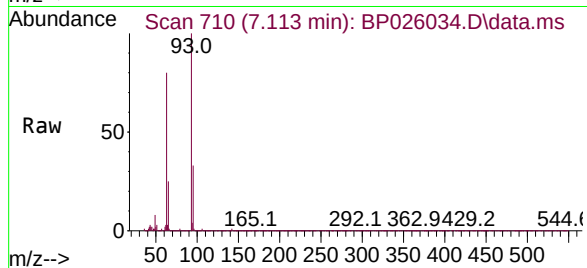




#11
bis(2-Chloroethyl)ether
Concen: 62.998 ng
RT: 7.113 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

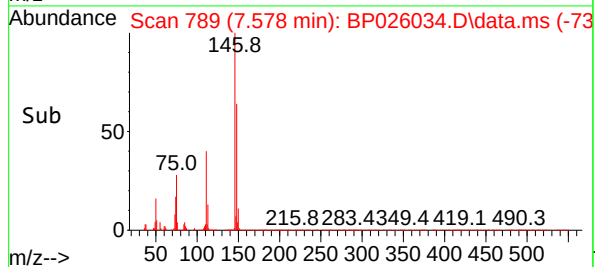
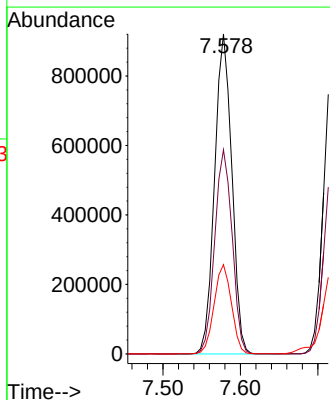
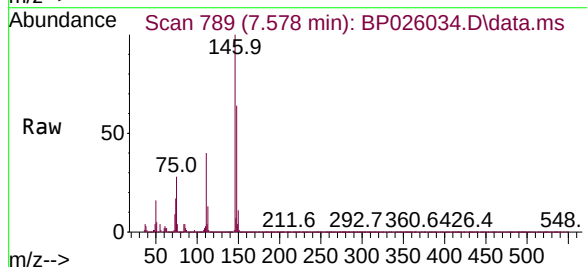
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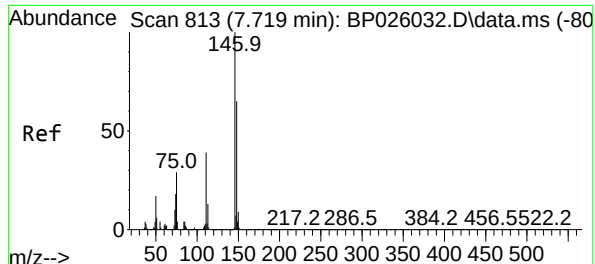
Tgt Ion: 93 Resp: 1252563
Ion Ratio Lower Upper
93 100
63 80.2 59.1 99.1
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 62.690 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 146 Resp: 1421445
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
75 27.9 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 62.866 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

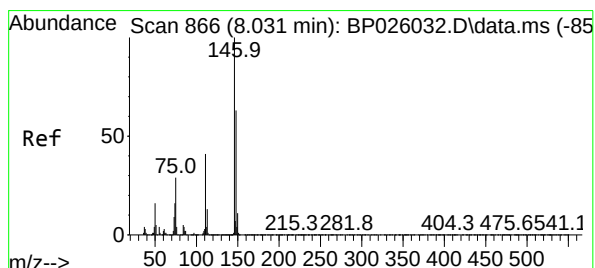
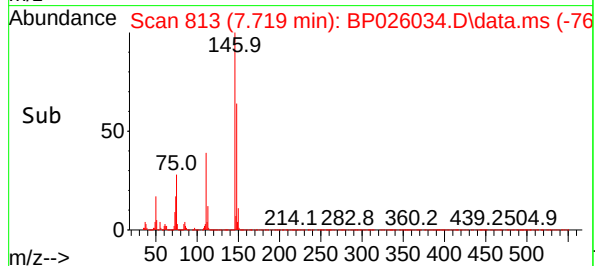
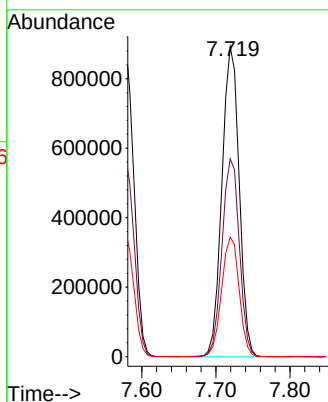
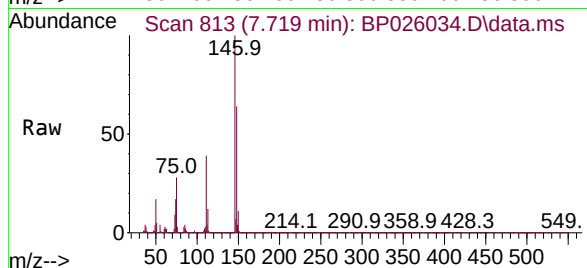
Tgt Ion:146 Resp: 1441195

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 38.6 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 62.542 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

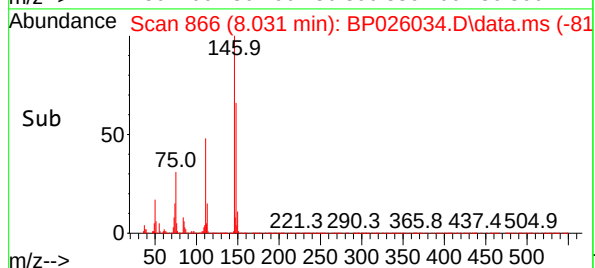
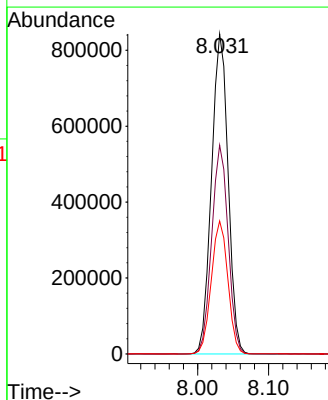
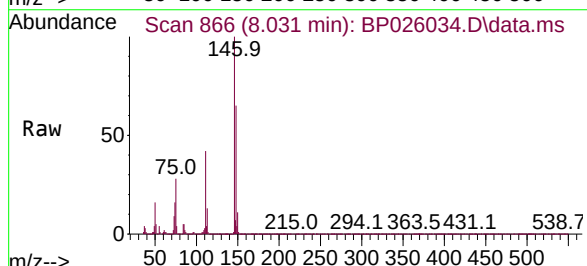
Tgt Ion:146 Resp: 1368134

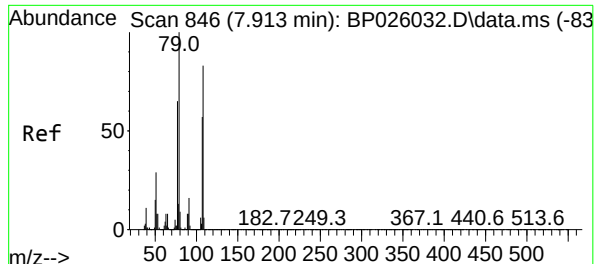
Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

111 41.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 63.606 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

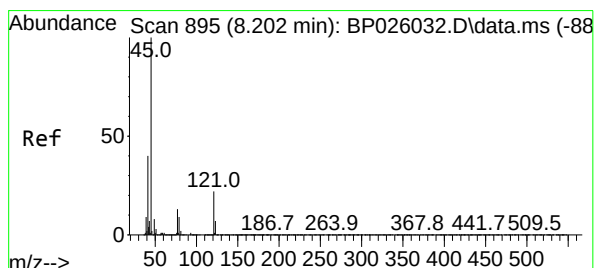
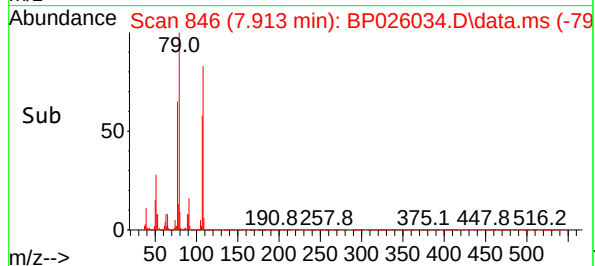
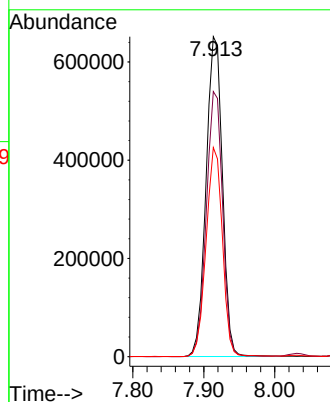
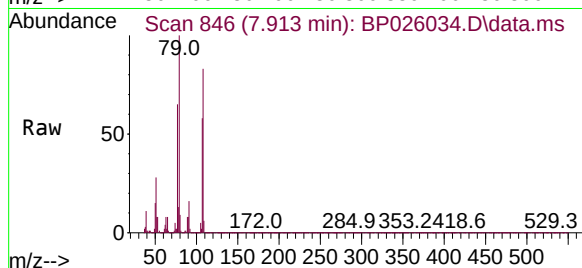
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1040602

Ion	Ratio	Lower	Upper
79	100		
108	82.8	66.0	99.0
77	65.3	52.3	78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 61.185 ng

RT: 8.202 min Scan# 895

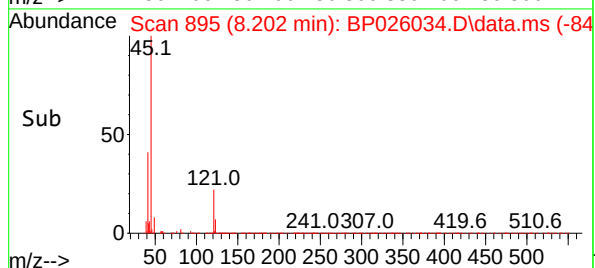
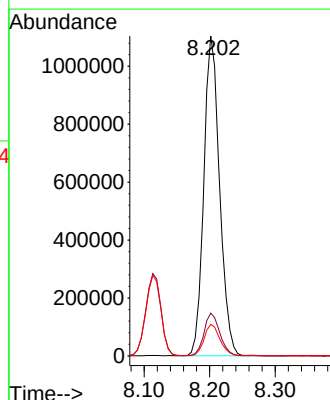
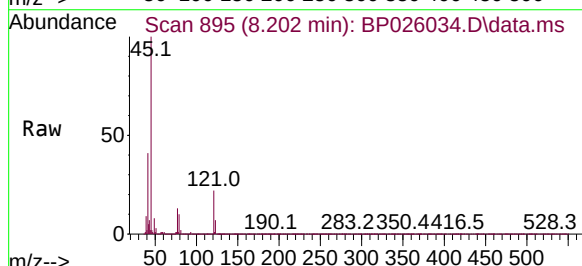
Delta R.T. 0.000 min

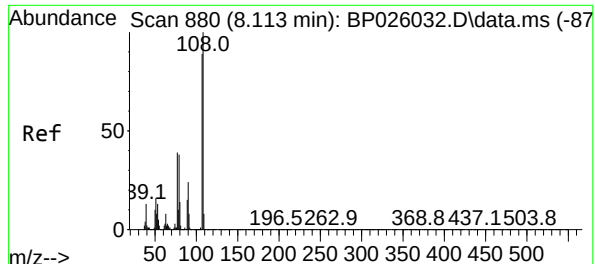
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 45 Resp: 1838598

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.2
79	9.8	0.0	29.5



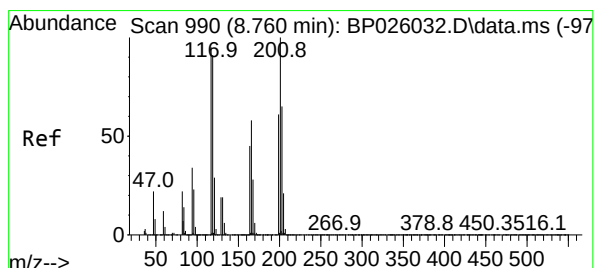
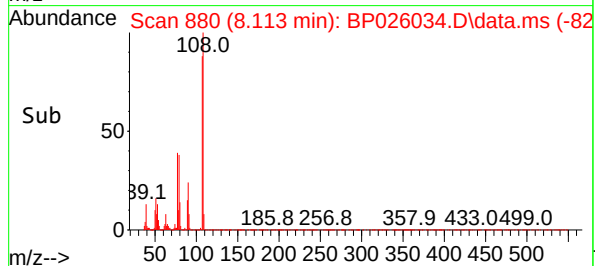
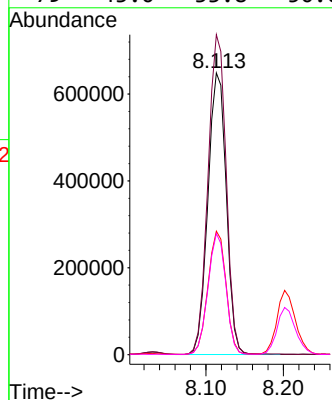
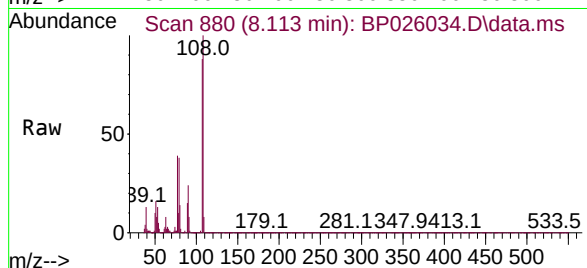


#17
2-Methylphenol
Concen: 64.741 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1068062

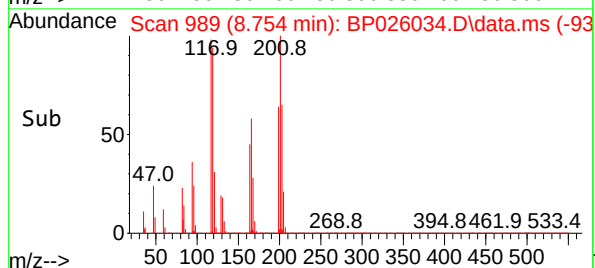
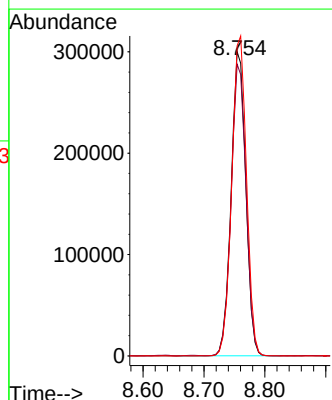
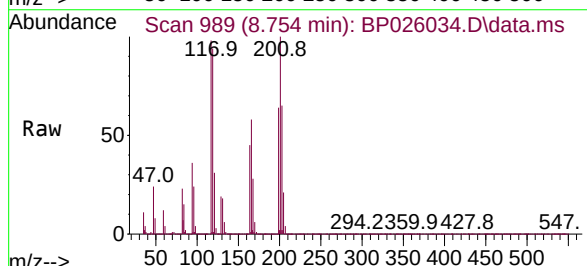
Ion	Ratio	Lower	Upper
107	100		
108	113.6	89.8	134.8
77	43.8	34.8	52.2
79	43.0	33.8	50.6

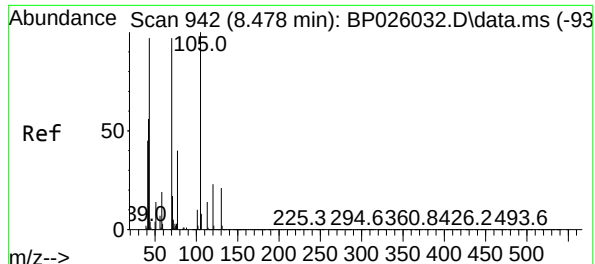


#18
Hexachloroethane
Concen: 63.902 ng
RT: 8.754 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:117 Resp: 501286

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	102.0	84.2	126.4





#19

n-Nitroso-di-n-propylamine

Concen: 64.223 ng

RT: 8.484 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP026034.D

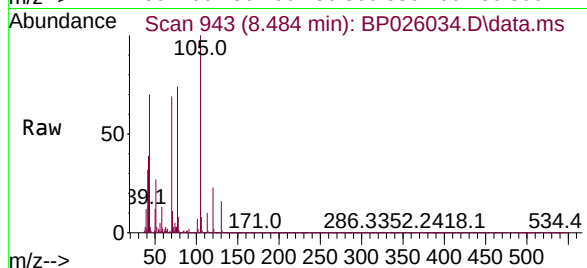
Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

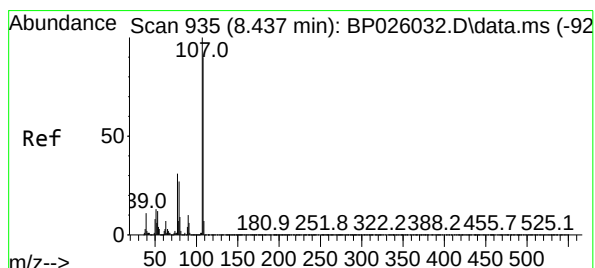
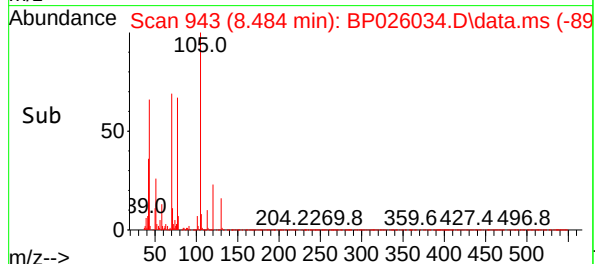
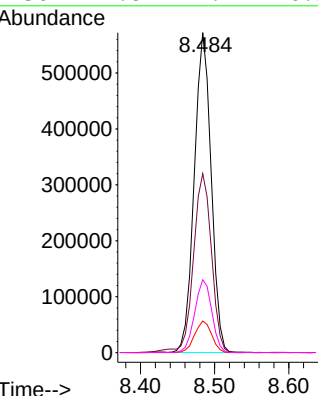
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 904719

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.9	8.2	12.2
130	22.8	17.7	26.5



#20

3+4-Methylphenols

Concen: 63.287 ng

RT: 8.437 min Scan# 935

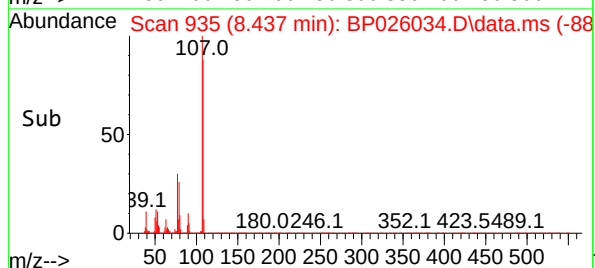
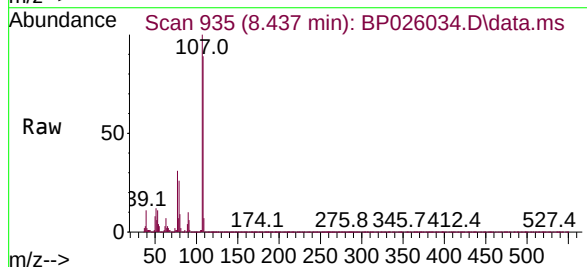
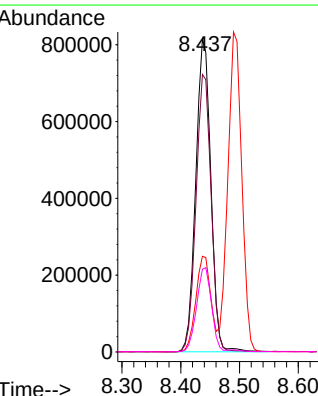
Delta R.T. -0.006 min

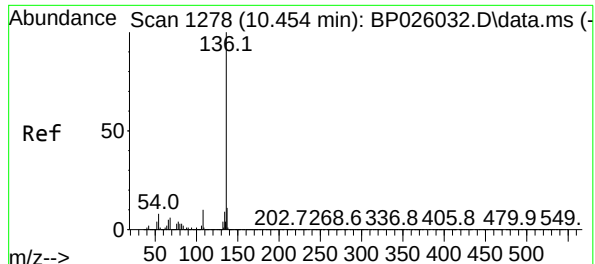
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:107 Resp: 1452480

Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.1	110.1
77	30.6	10.7	50.7
79	26.4	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.448 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

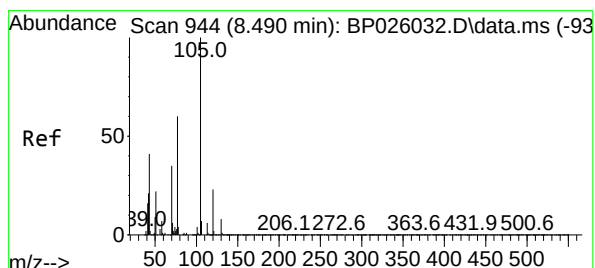
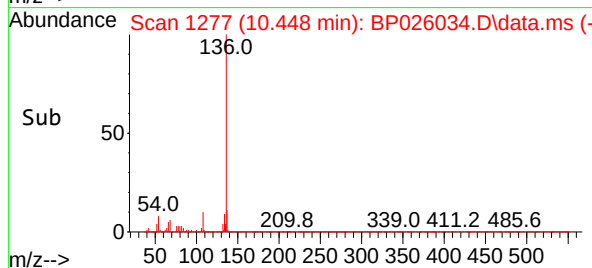
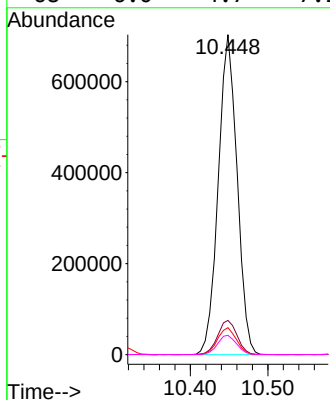
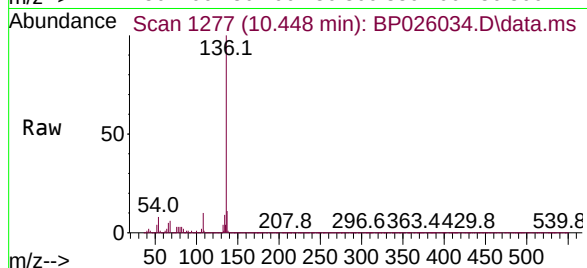
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 1188234

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1



#22

Acetophenone

Concen: 62.324 ng

RT: 8.490 min Scan# 944

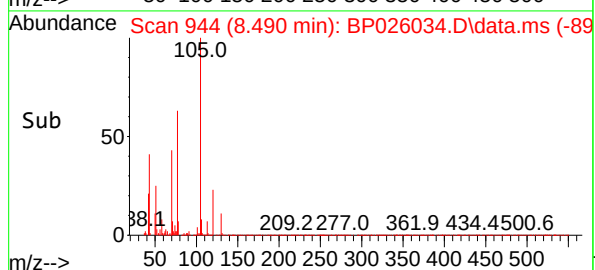
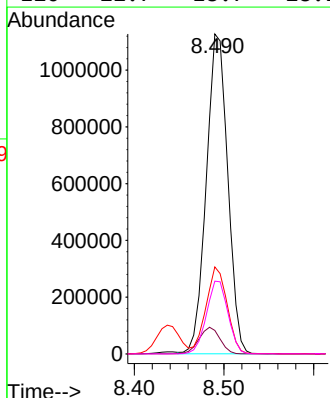
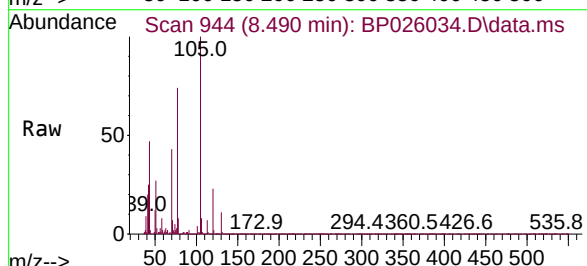
Delta R.T. -0.006 min

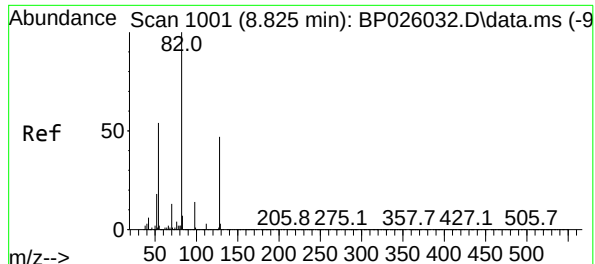
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:105 Resp: 1872894

Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.7	7.1#
51	27.2	21.8	32.8
120	22.7	18.7	28.1





#23

Nitrobenzene-d5

Concen: 134.112 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

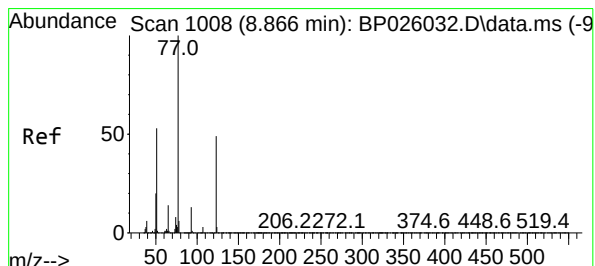
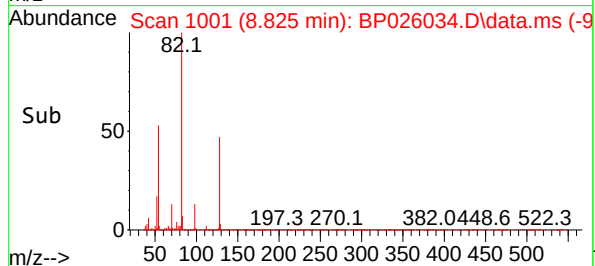
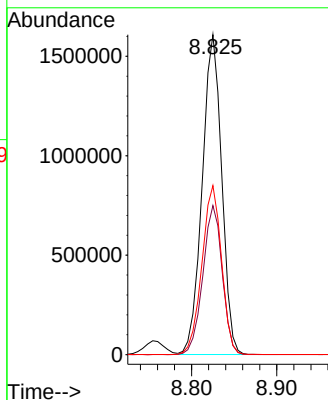
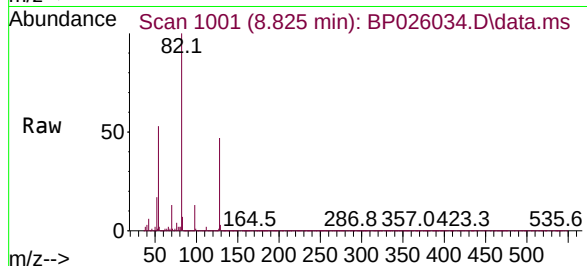
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 2556249

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	52.8	42.7	64.1



#24

Nitrobenzene

Concen: 65.646 ng

RT: 8.866 min Scan# 1008

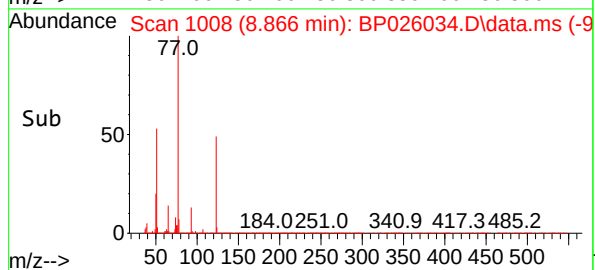
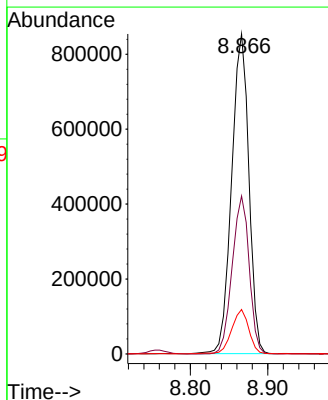
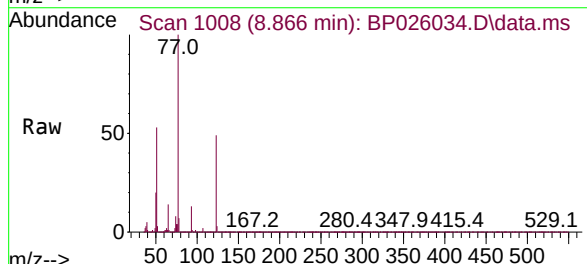
Delta R.T. 0.000 min

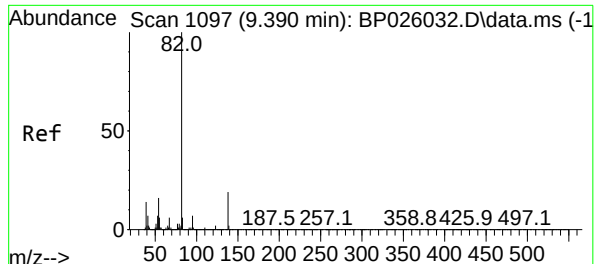
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 1321111

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.0	58.4
65	13.9	10.9	16.3

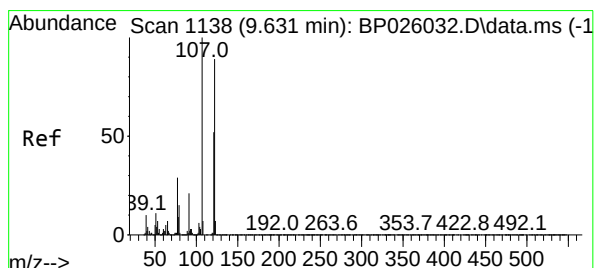
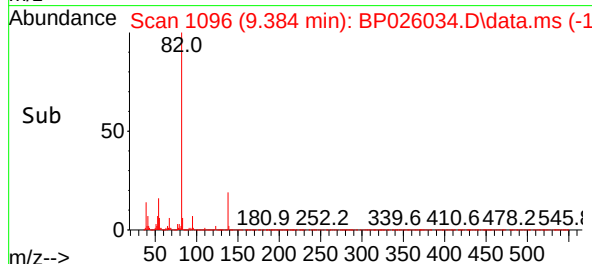
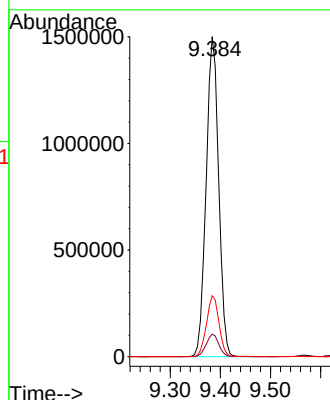
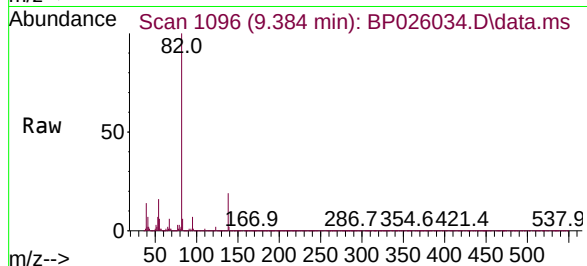




#25
Isophorone
Concen: 63.763 ng
RT: 9.384 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

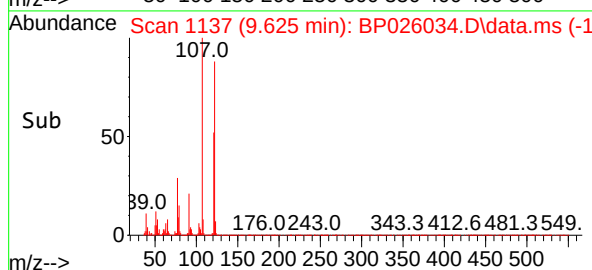
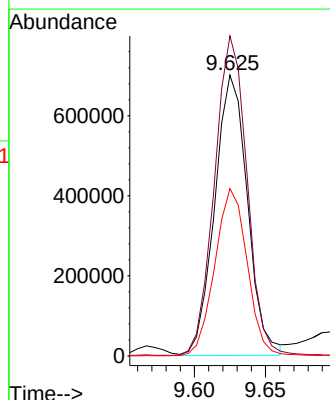
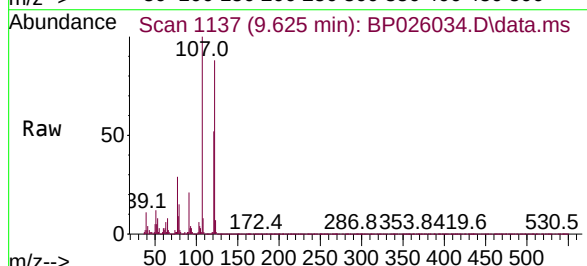
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

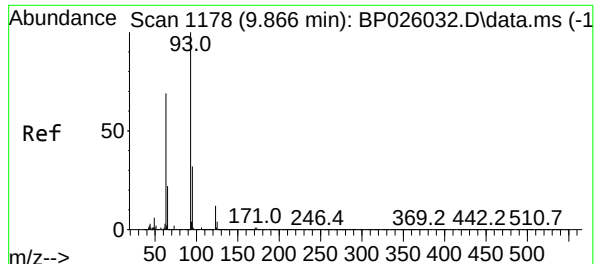
Tgt Ion: 82 Resp: 2601391
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.0 15.0 22.6



#27
2,4-Dimethylphenol
Concen: 65.520 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 122 Resp: 1124076
Ion Ratio Lower Upper
122 100
107 114.0 89.2 133.8
121 59.6 46.3 69.5

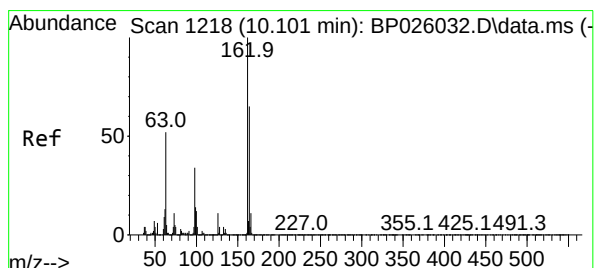
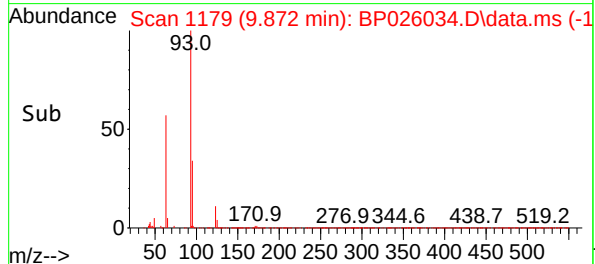
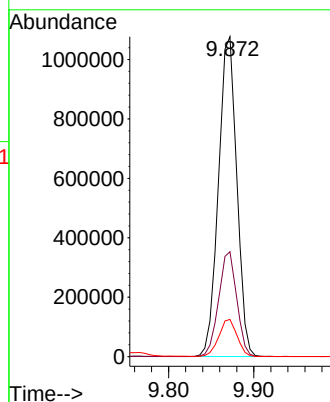
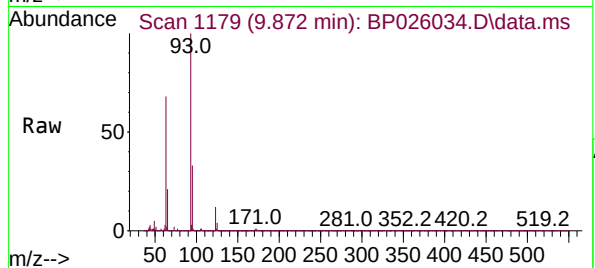




#28
bis(2-Chloroethoxy)methane
Concen: 62.561 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

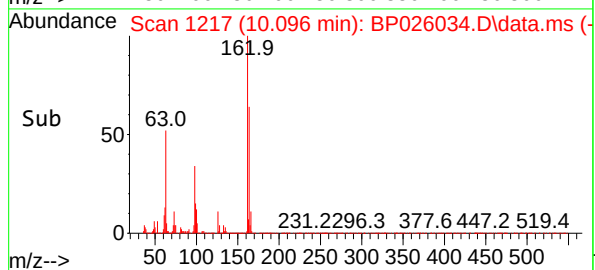
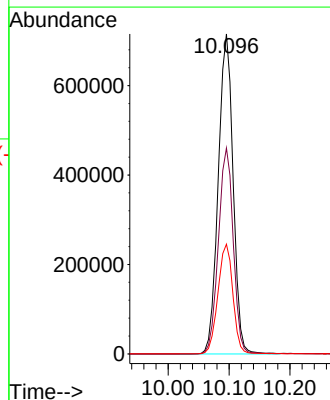
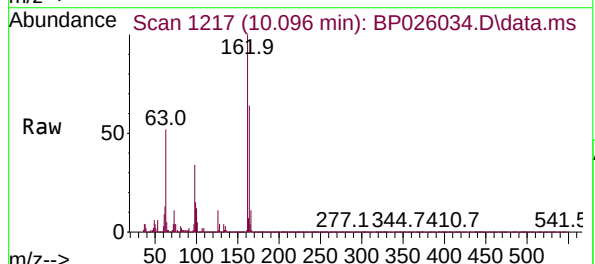
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

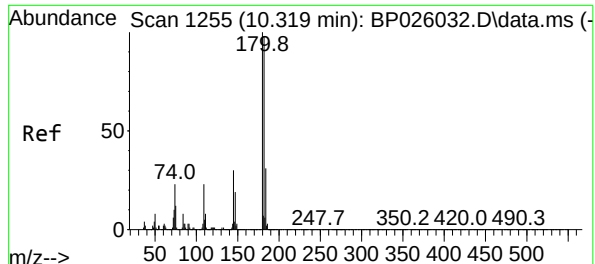
Tgt Ion: 93 Resp: 1608539
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.6 9.3 13.9



#29
2,4-Dichlorophenol
Concen: 66.994 ng
RT: 10.096 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 162 Resp: 1213575
Ion Ratio Lower Upper
162 100
164 64.3 44.6 84.6
98 34.3 14.0 54.0





#30

1,2,4-Trichlorobenzene

Concen: 62.905 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

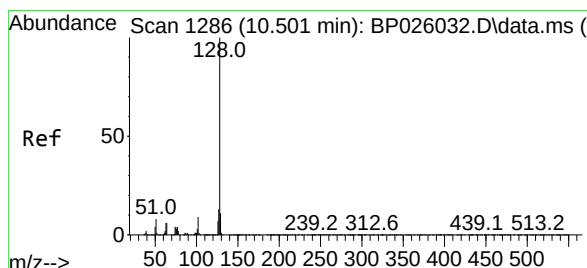
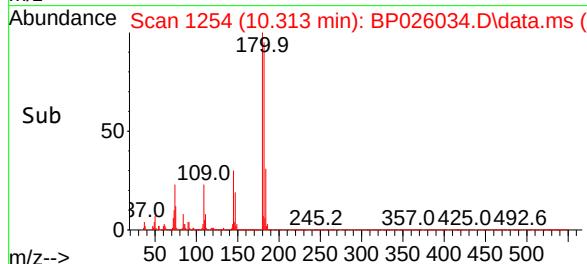
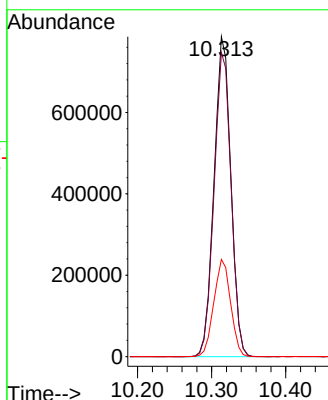
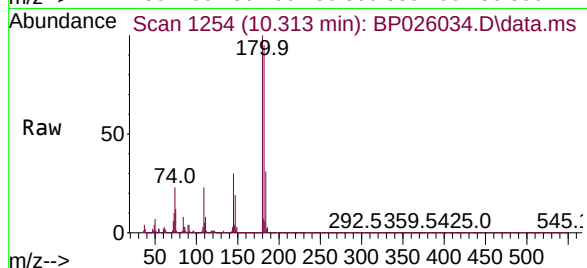
Tgt Ion:180 Resp: 1238545

Ion Ratio Lower Upper

180 100

182 95.0 78.6 117.8

145 30.4 24.2 36.4



#31

Naphthalene

Concen: 62.555 ng

RT: 10.501 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

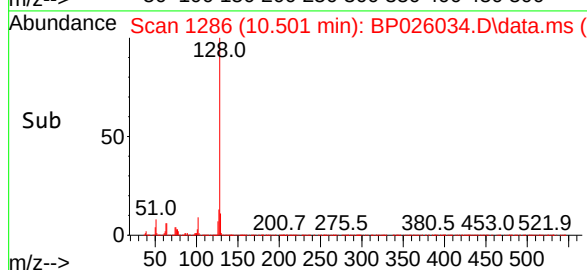
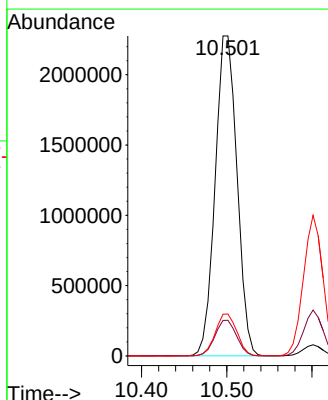
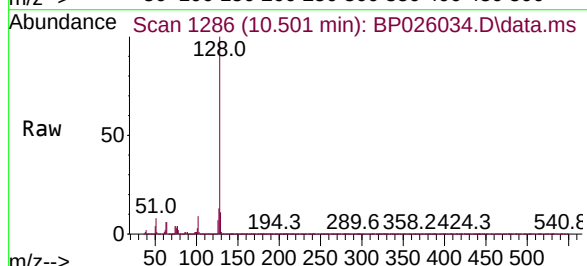
Tgt Ion:128 Resp: 4053338

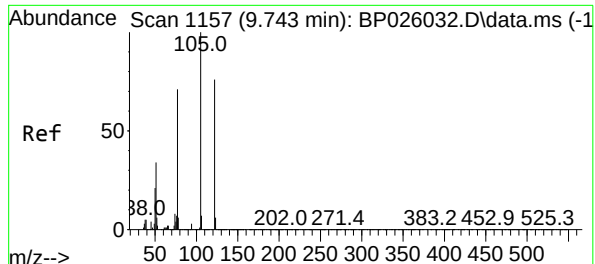
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.1 10.5 15.7

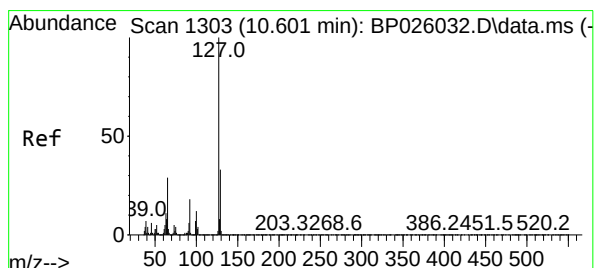
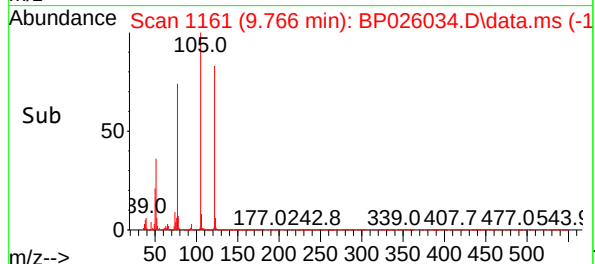
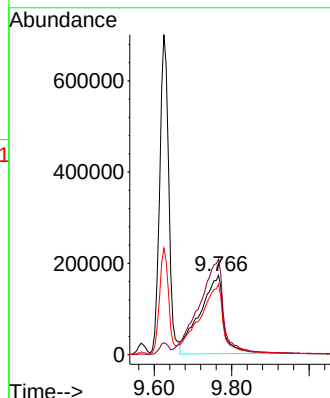
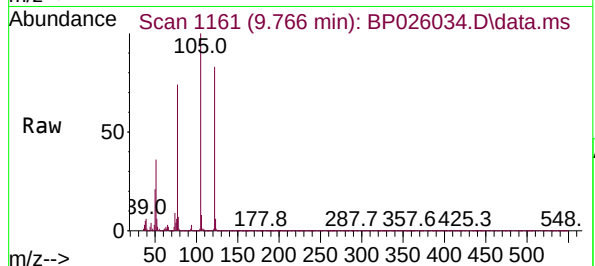




#32
Benzoic acid
Concen: 63.317 ng
RT: 9.766 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

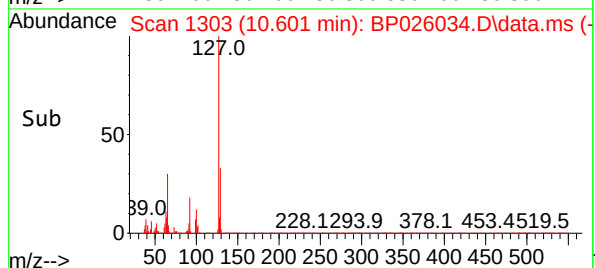
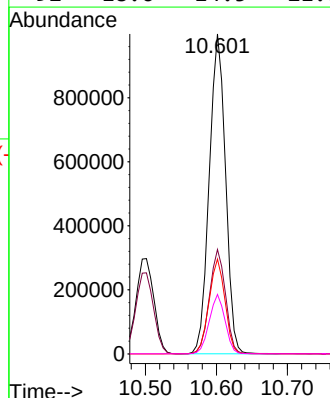
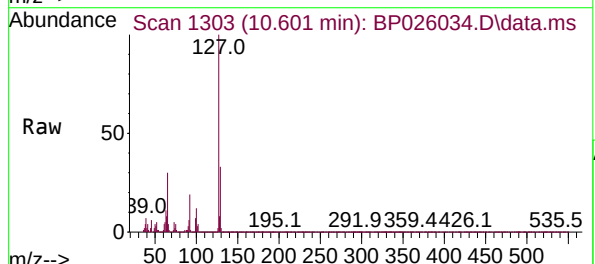
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

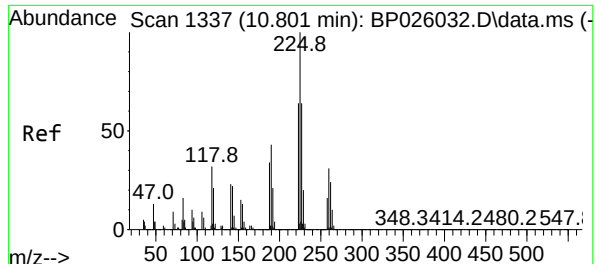
Tgt Ion:122 Resp: 733177
Ion Ratio Lower Upper
122 100
105 120.7 104.8 144.8
77 89.0 70.9 110.9



#33
4-Chloroaniline
Concen: 63.721 ng
RT: 10.601 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:127 Resp: 1586613
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 29.6 23.2 34.8
92 18.6 14.5 21.7

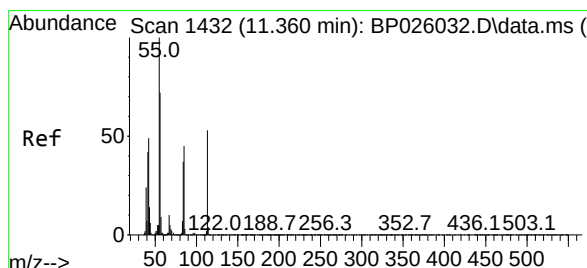
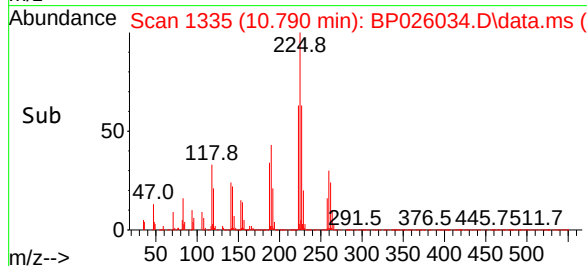
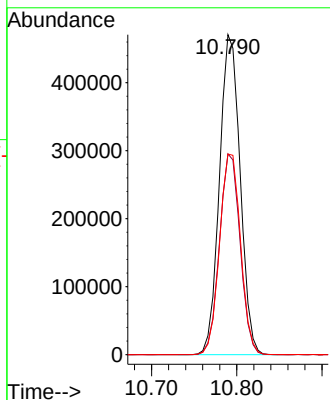
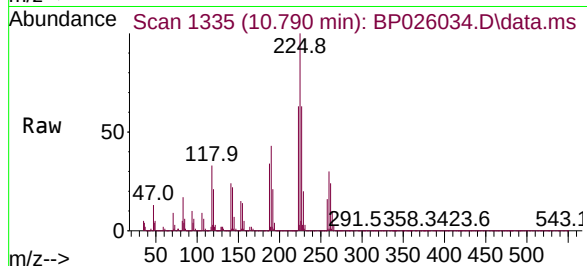




#34
Hexachlorobutadiene
Concen: 63.376 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

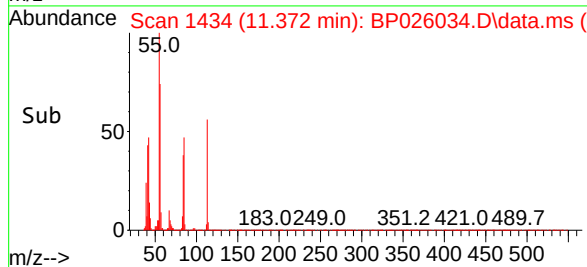
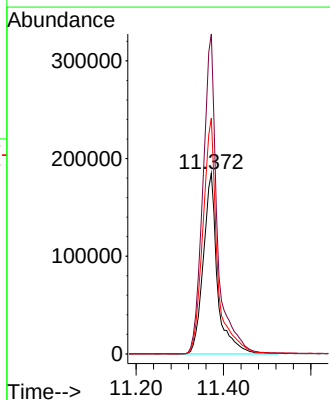
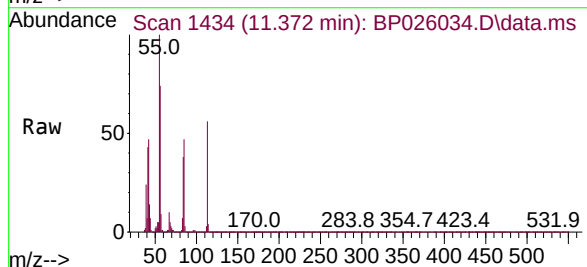
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

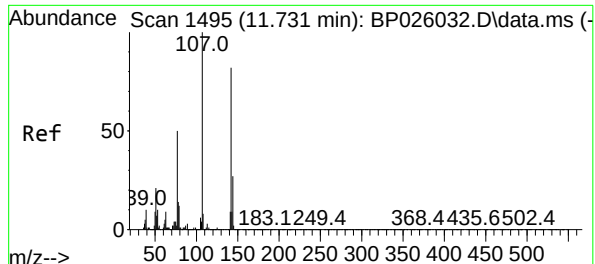
Tgt Ion:225 Resp: 792964
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 62.7 51.0 76.4



#35
Caprolactam
Concen: 65.121 ng
RT: 11.372 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:113 Resp: 414253
Ion Ratio Lower Upper
113 100
55 177.3 169.9 209.9
56 130.6 116.7 156.7

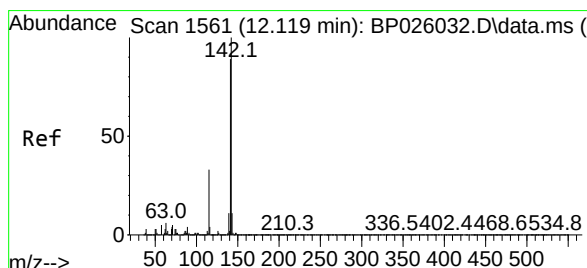
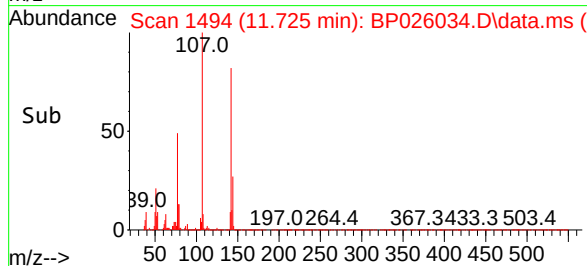
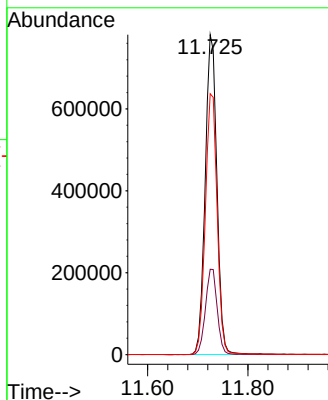
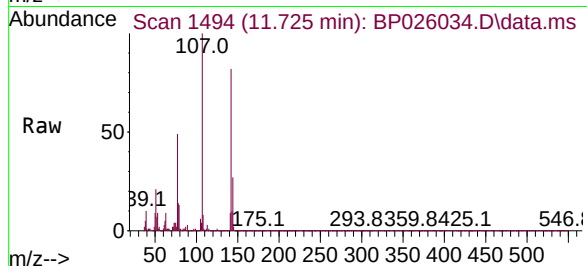




#36
4-Chloro-3-methylphenol
Concen: 66.778 ng
RT: 11.725 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

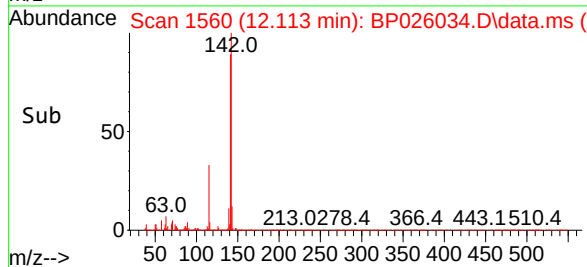
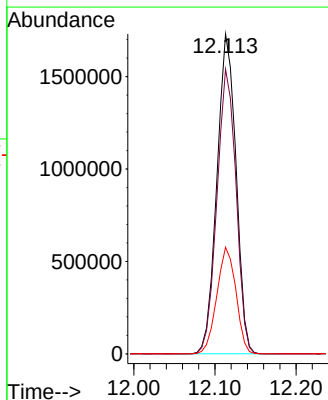
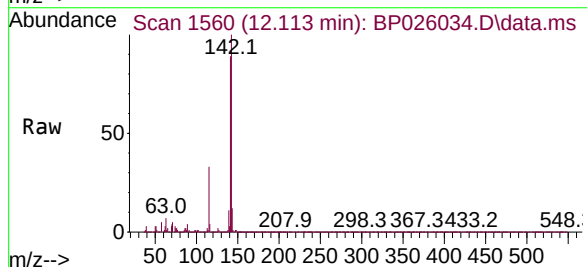
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

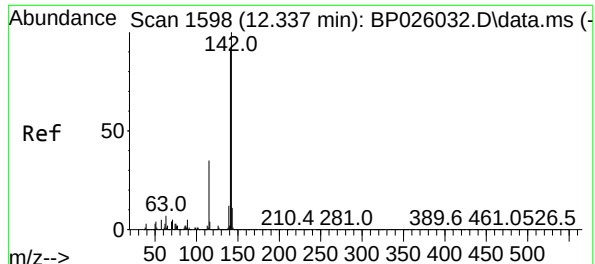
Tgt Ion:107 Resp: 1268077
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 81.5 65.2 97.8



#37
2-Methylnaphthalene
Concen: 62.316 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:142 Resp: 2826130
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 33.3 26.6 39.8





#38

1-Methylnaphthalene

Concen: 62.303 ng

RT: 12.337 min Scan# 1598

Delta R.T. 0.001 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

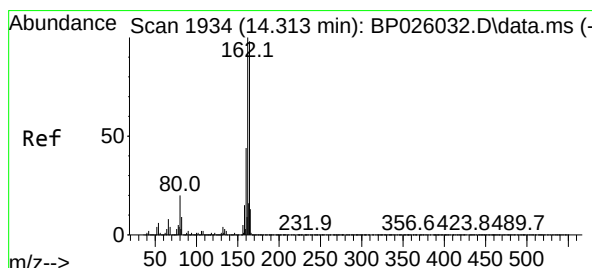
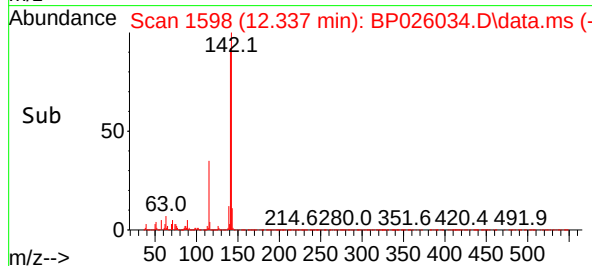
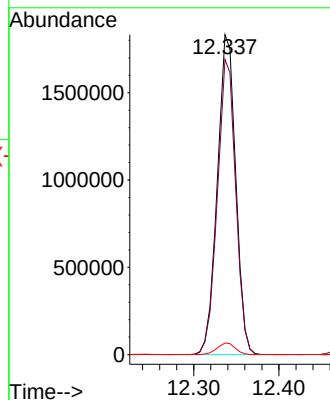
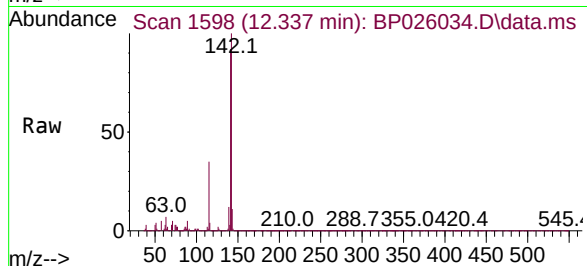
Tgt Ion:142 Resp: 2744994

Ion Ratio Lower Upper

142 100

141 92.2 72.7 109.1

116 3.6 2.9 4.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

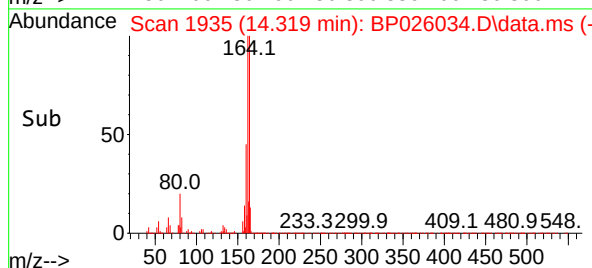
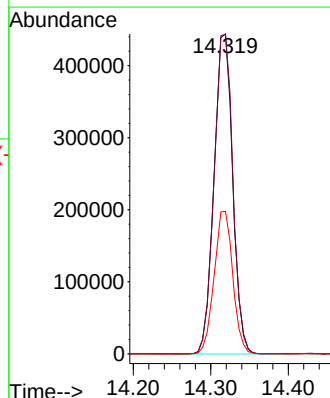
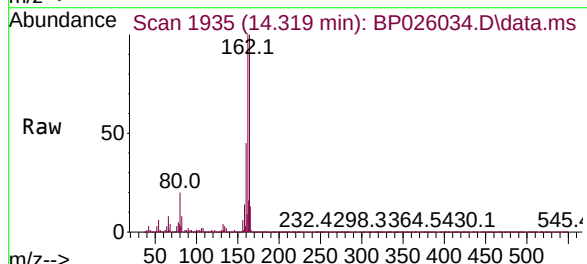
Tgt Ion:164 Resp: 740246

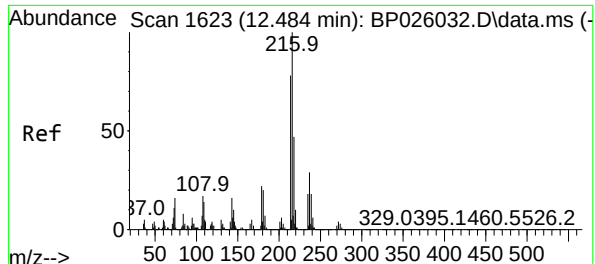
Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.5 36.2 54.4

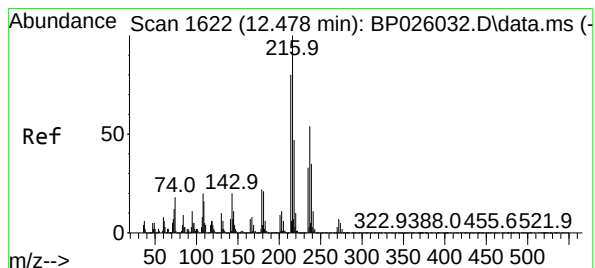
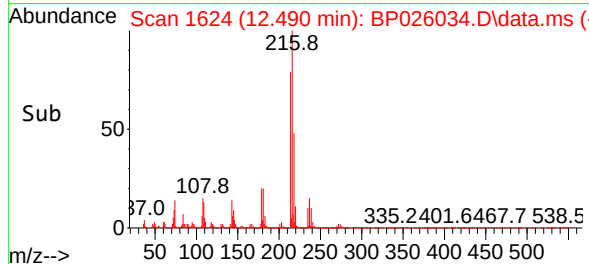
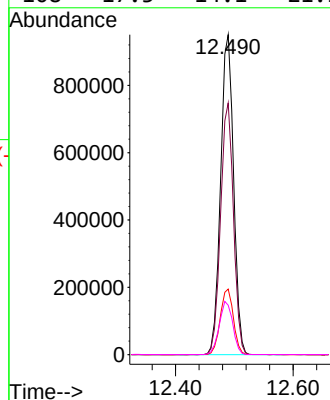
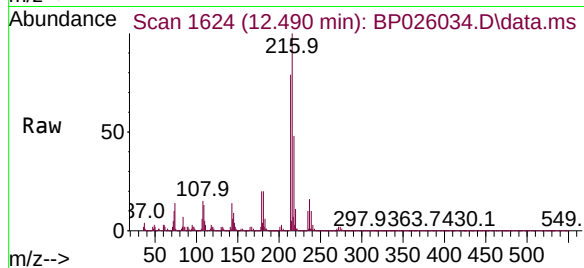




#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.152 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

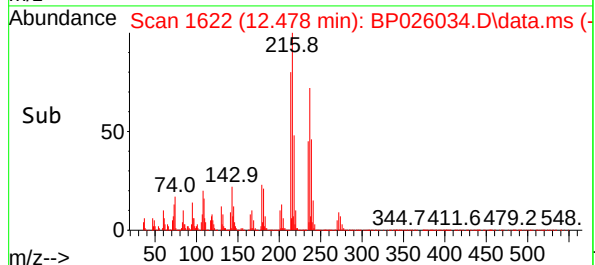
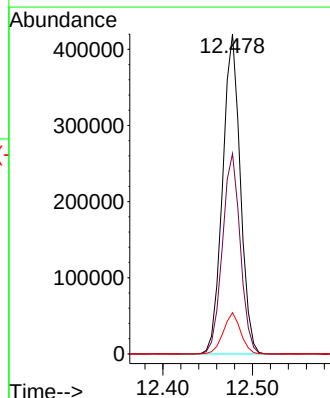
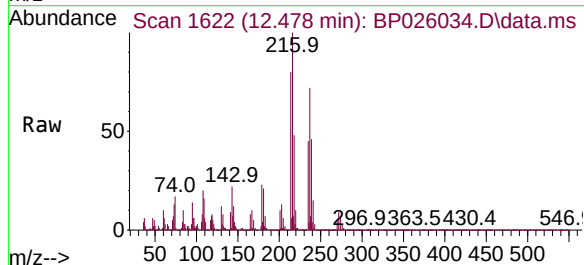
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

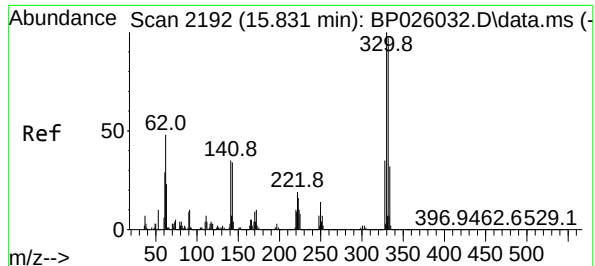
Tgt Ion:216 Resp: 1452519
Ion Ratio Lower Upper
216 100
214 78.2 62.9 94.3
179 20.8 16.9 25.3
108 17.3 14.1 21.1



#41
Hexachlorocyclopentadiene
Concen: 68.581 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:237 Resp: 577139
Ion Ratio Lower Upper
237 100
235 62.6 40.4 80.4
272 12.9 0.0 32.2

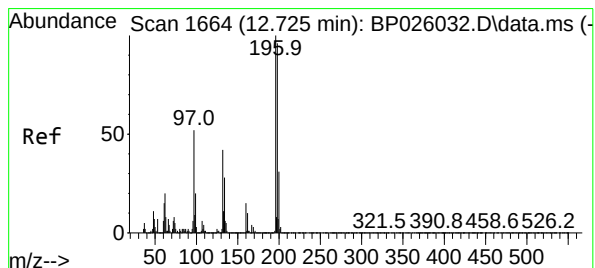
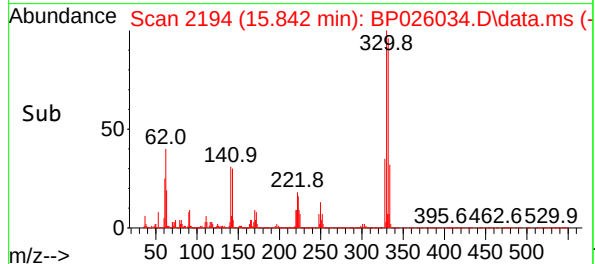
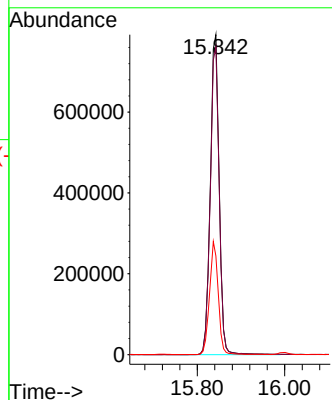
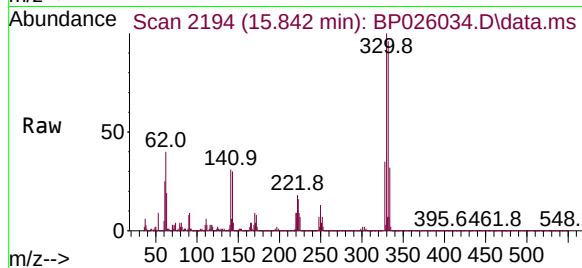




#42
2,4,6-Tribromophenol
Concen: 138.661 ng
RT: 15.842 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

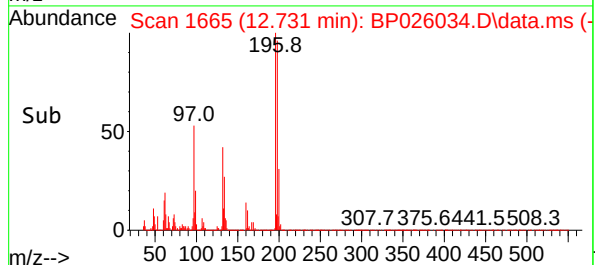
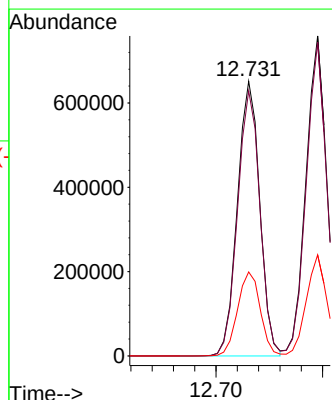
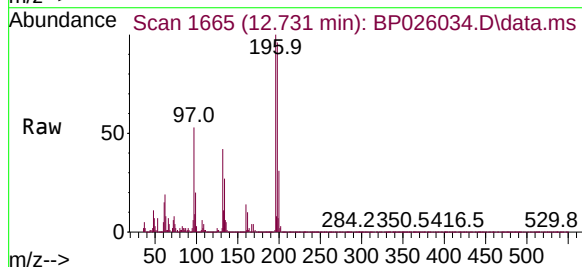
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

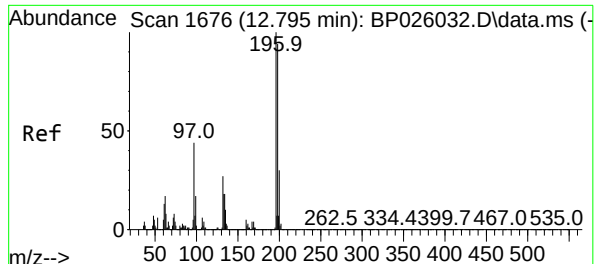
Tgt Ion:330 Resp: 1109676
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.7 28.6 42.8



#43
2,4,6-Trichlorophenol
Concen: 69.685 ng
RT: 12.731 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:196 Resp: 947367
Ion Ratio Lower Upper
196 100
198 96.5 76.5 114.7
200 30.6 24.4 36.6

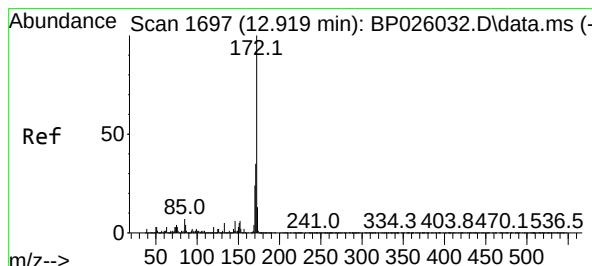
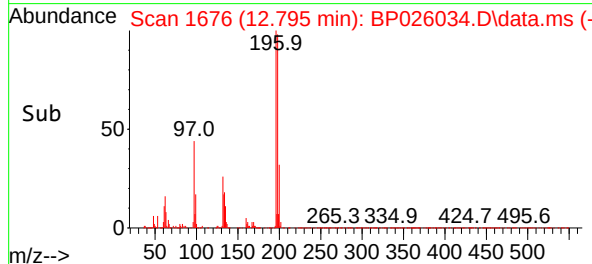
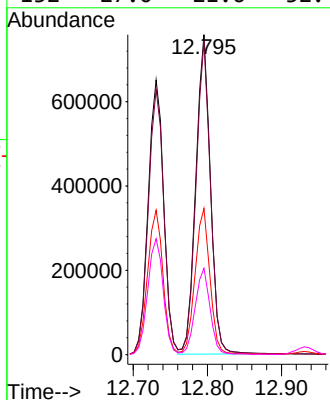
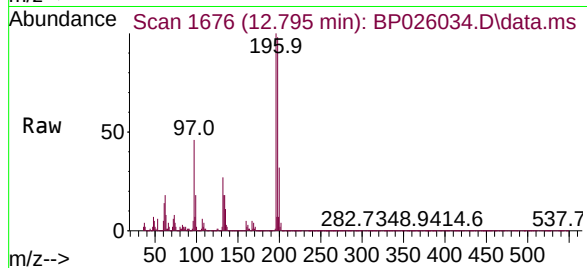




#44
2,4,5-Trichlorophenol
Concen: 67.173 ng
RT: 12.795 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

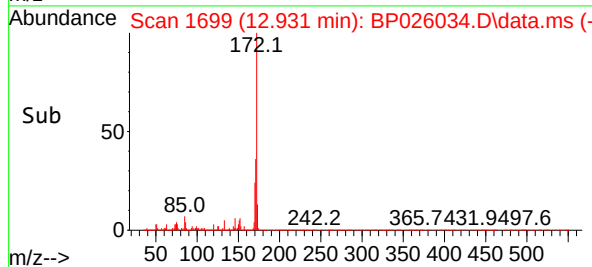
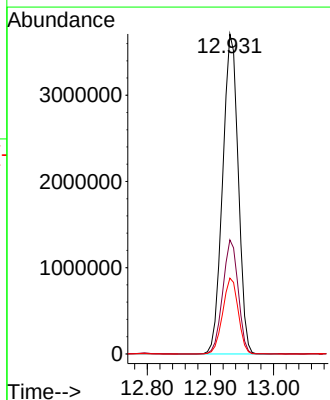
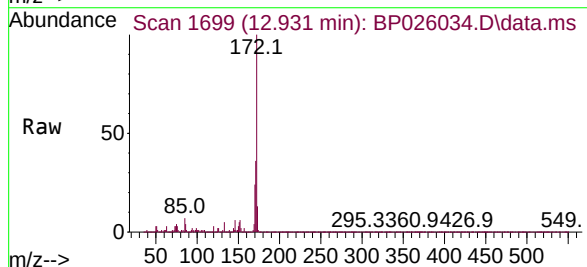
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

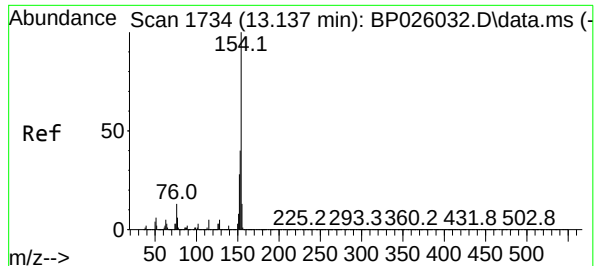
Tgt Ion:196 Resp: 1042039
Ion Ratio Lower Upper
196 100
198 98.0 75.1 112.7
97 45.7 35.5 53.3
132 27.0 21.6 32.4



#45
2-Fluorobiphenyl
Concen: 123.451 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:172 Resp: 6359685
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 19.0 28.4

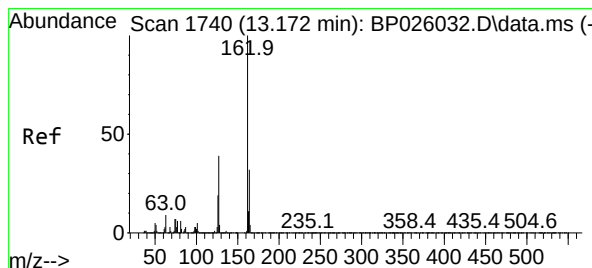
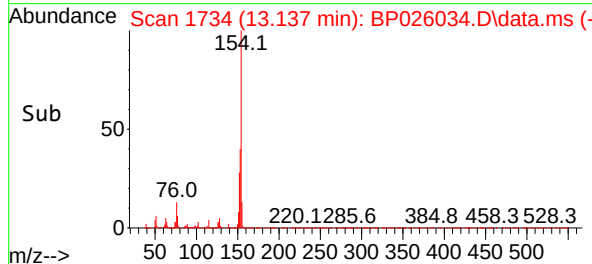
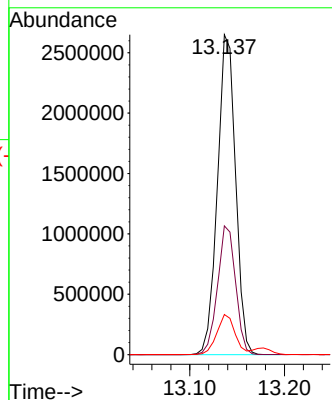
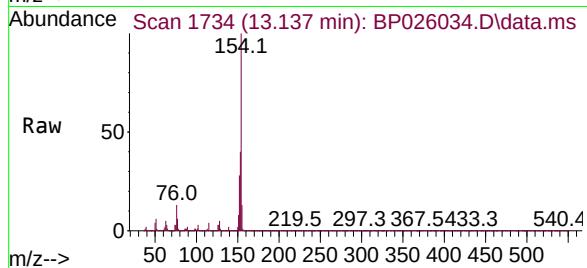




#46
1,1'-Biphenyl
Concen: 62.090 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

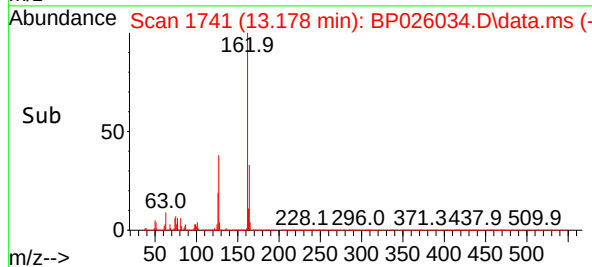
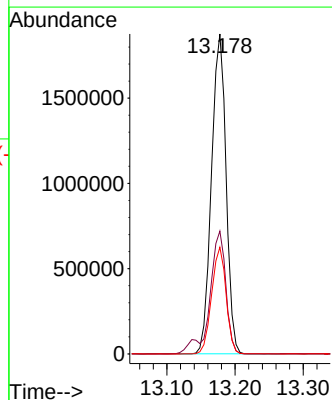
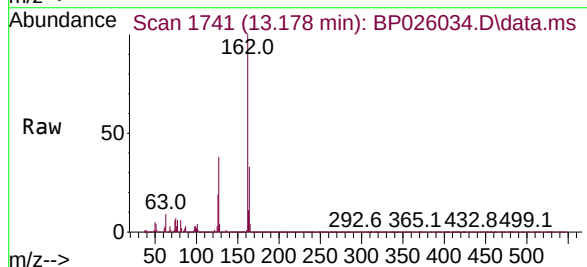
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

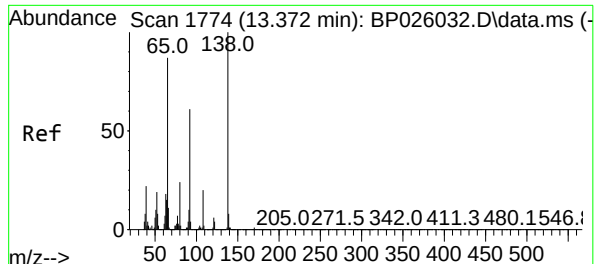
Tgt Ion:154 Resp: 3519299
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.5 0.0 32.8



#47
2-Chloronaphthalene
Concen: 62.380 ng
RT: 13.178 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:162 Resp: 2781932
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 33.3 25.9 38.9





#48

2-Nitroaniline

Concen: 64.505 ng

RT: 13.378 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

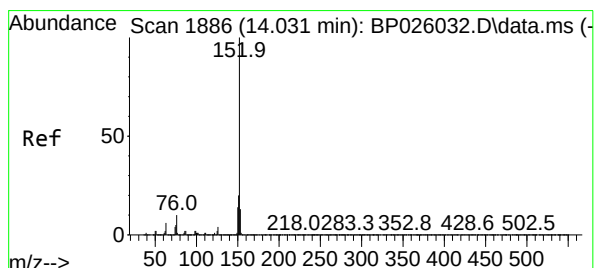
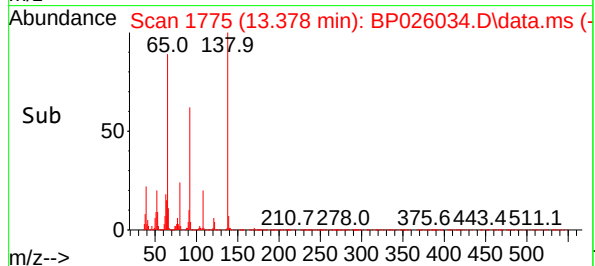
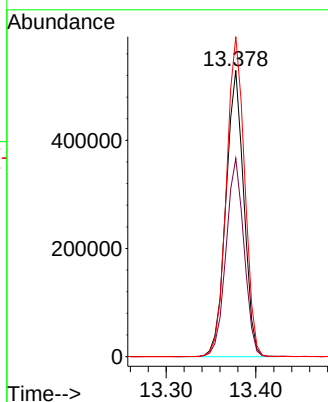
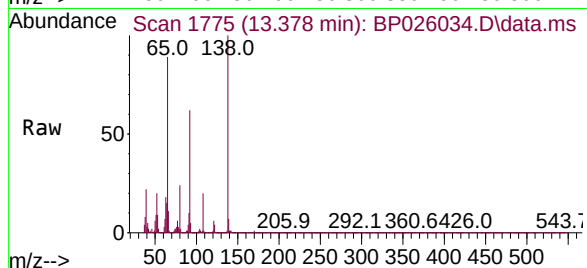
Tgt Ion: 65 Resp: 737734

Ion Ratio Lower Upper

65 100

92 69.2 55.5 83.3

138 111.8 91.7 137.5



#49

Acenaphthylene

Concen: 64.110 ng

RT: 14.037 min Scan# 1887

Delta R.T. 0.001 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

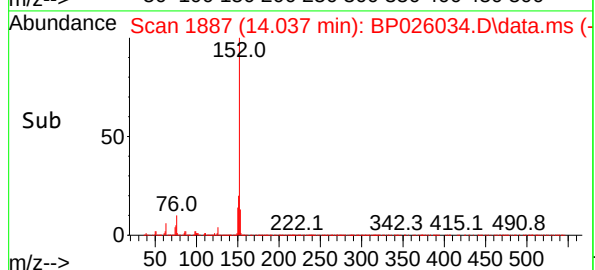
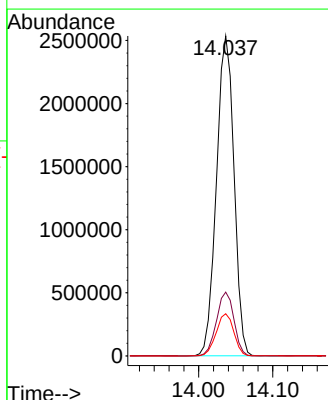
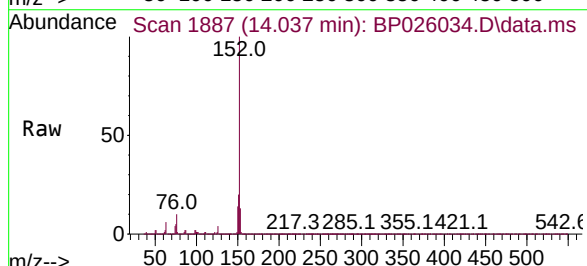
Tgt Ion:152 Resp: 4167114

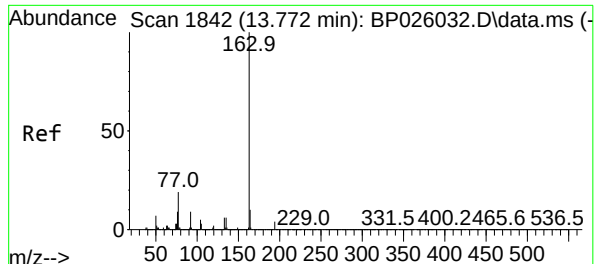
Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.2 10.6 16.0

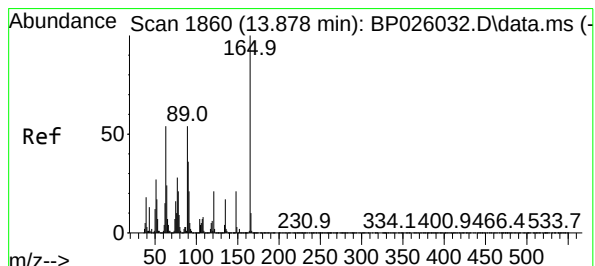
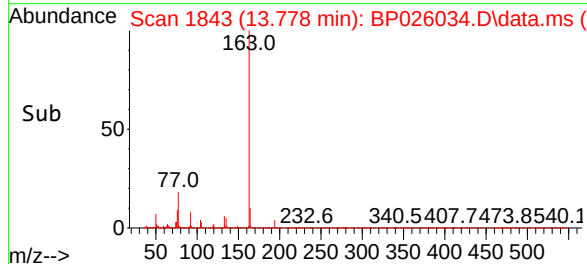
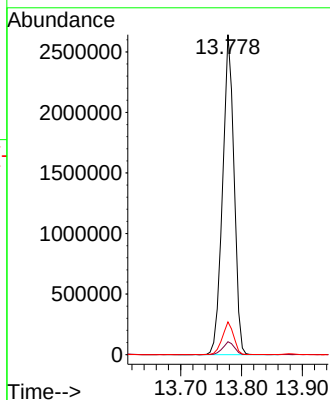
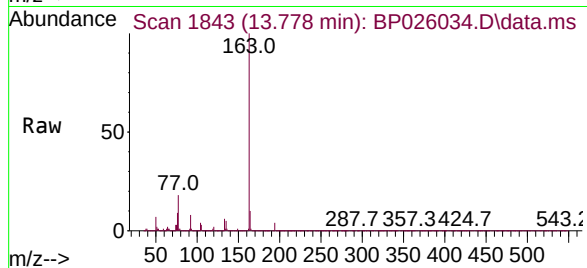




#50
Dimethylphthalate
Concen: 64.073 ng
RT: 13.778 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

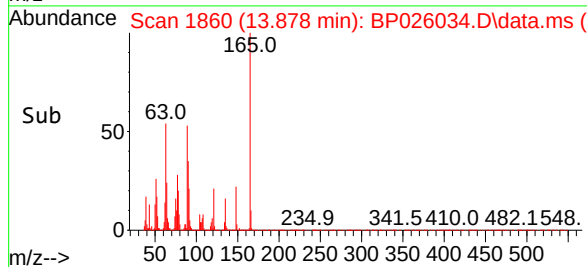
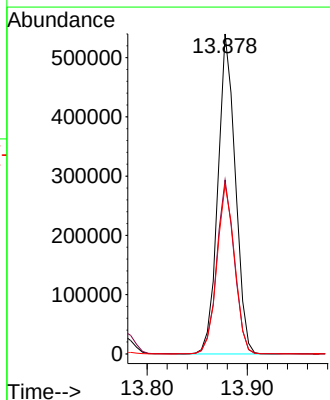
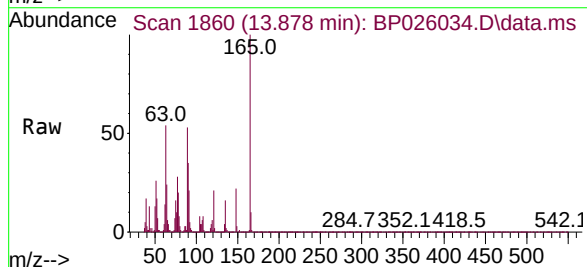
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

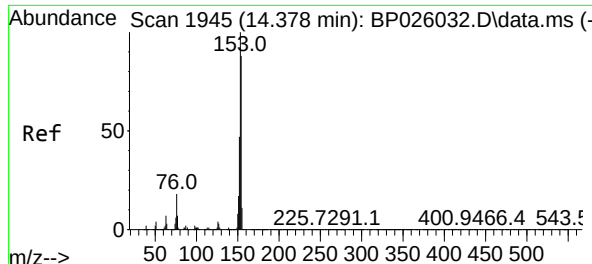
Tgt Ion:163 Resp: 3449991
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 64.811 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:165 Resp: 652327
Ion Ratio Lower Upper
165 100
63 54.3 43.0 64.4
89 53.0 43.0 64.4

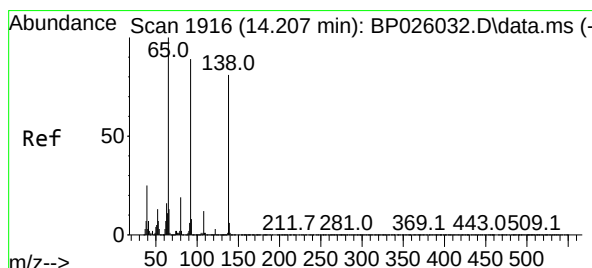
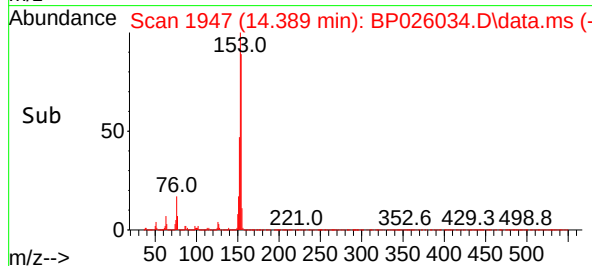
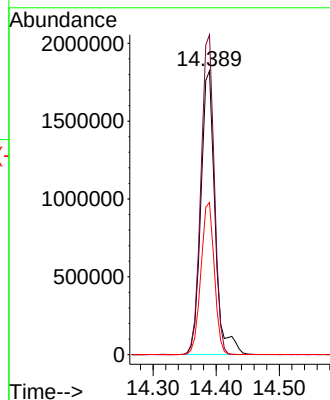
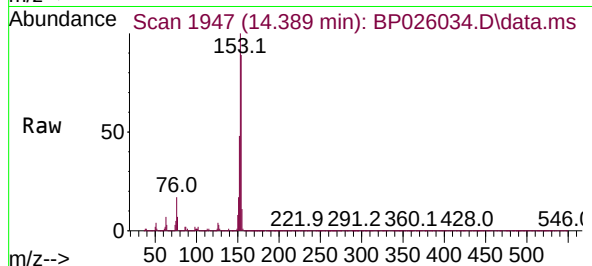




#52
Acenaphthene
Concen: 63.592 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

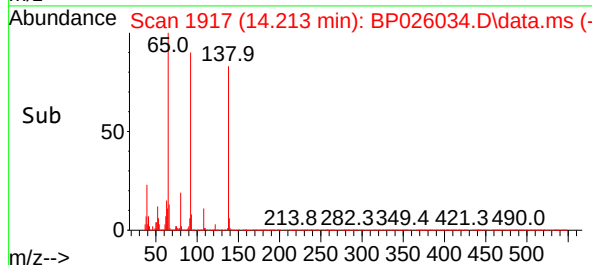
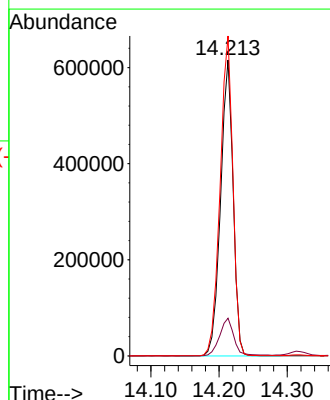
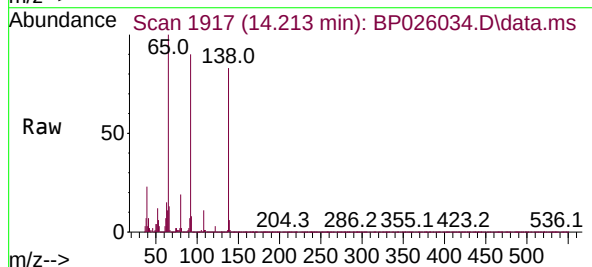
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

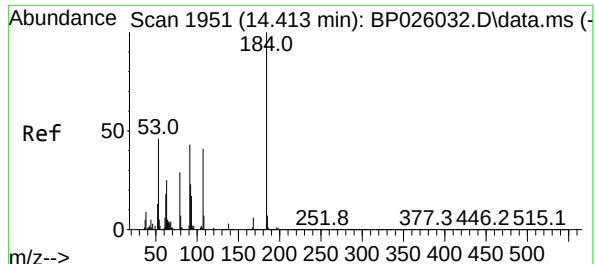
Tgt Ion:154 Resp: 2837620
Ion Ratio Lower Upper
154 100
153 112.8 91.0 136.4
152 53.6 42.7 64.1



#53
3-Nitroaniline
Concen: 63.434 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:138 Resp: 780369
Ion Ratio Lower Upper
138 100
108 12.7 11.4 17.0
92 108.1 87.1 130.7





#54

2,4-Dinitrophenol

Concen: 63.744 ng

RT: 14.425 min Scan# 1951

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

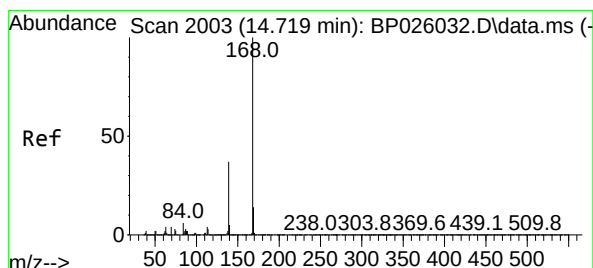
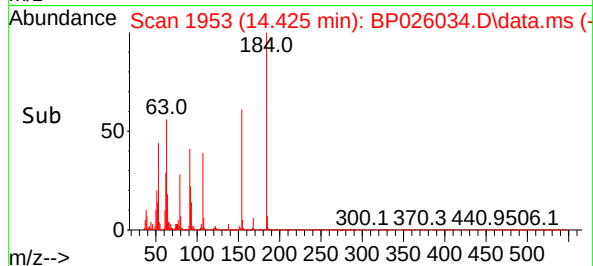
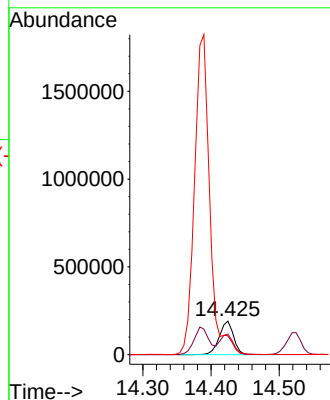
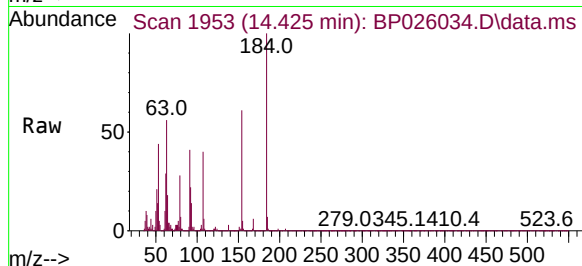
Tgt Ion:184 Resp: 274254

Ion Ratio Lower Upper

184 100

63 56.3 49.0 73.4

154 61.3 51.0 76.6



#55

Dibenzofuran

Concen: 62.047 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

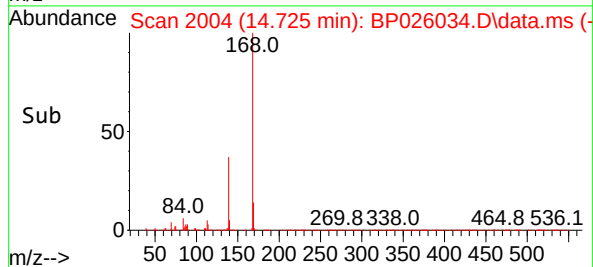
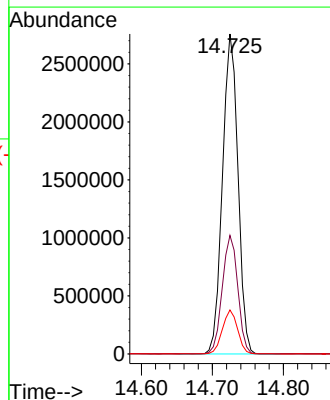
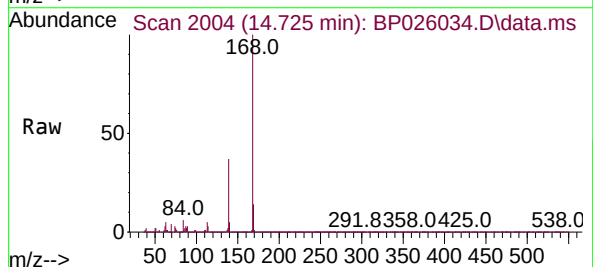
Tgt Ion:168 Resp: 4183126

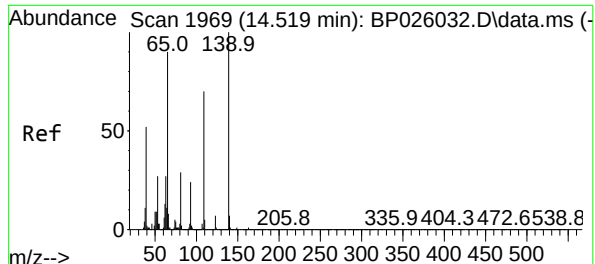
Ion Ratio Lower Upper

168 100

139 37.0 29.7 44.5

169 13.7 11.0 16.4

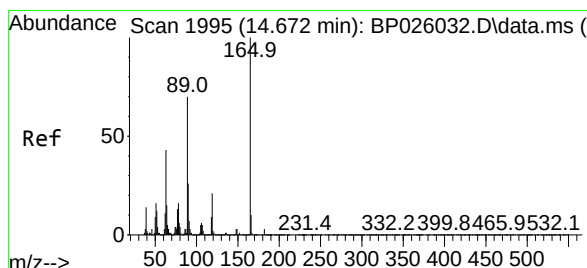
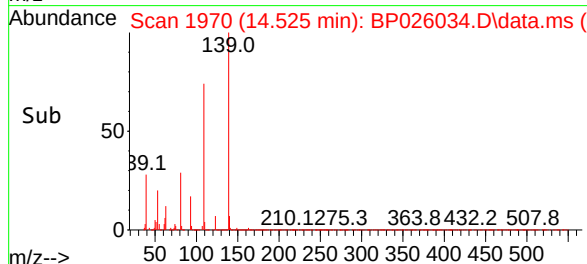
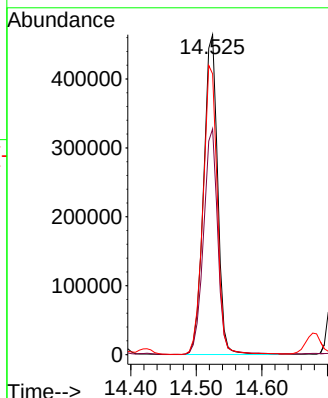
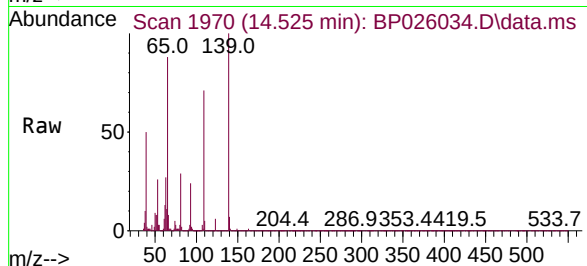




#56
4-Nitrophenol
Concen: 64.089 ng
RT: 14.525 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

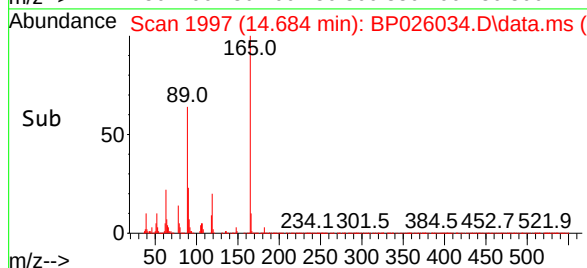
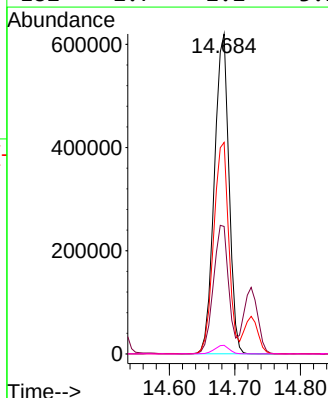
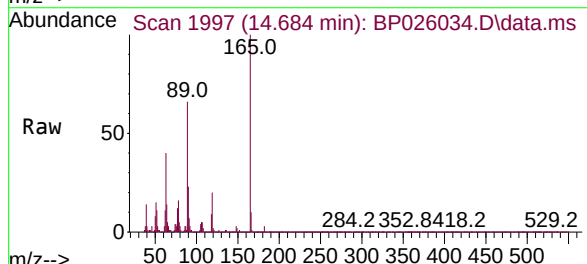
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

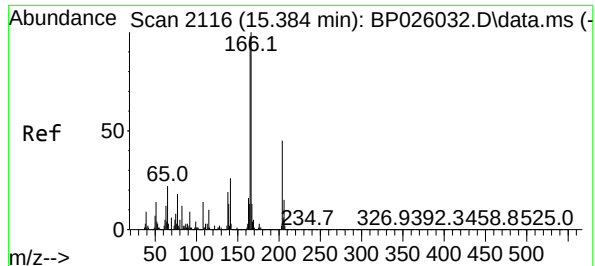
Tgt Ion:139 Resp: 688114
Ion Ratio Lower Upper
139 100
109 70.5 50.0 90.0
65 87.7 69.6 109.6



#57
2,4-Dinitrotoluene
Concen: 65.768 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:165 Resp: 961200
Ion Ratio Lower Upper
165 100
63 39.8 34.2 51.2
89 66.1 56.0 84.0
182 2.7 2.2 3.2

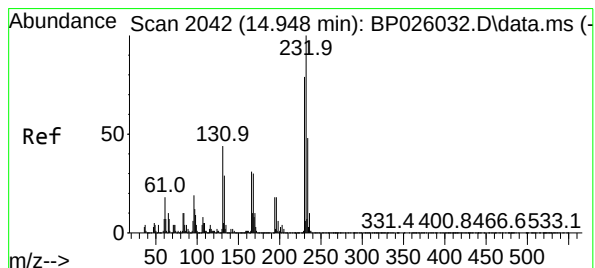
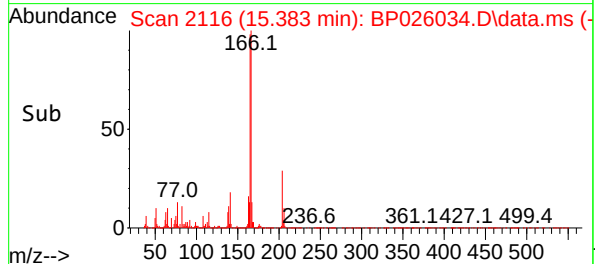
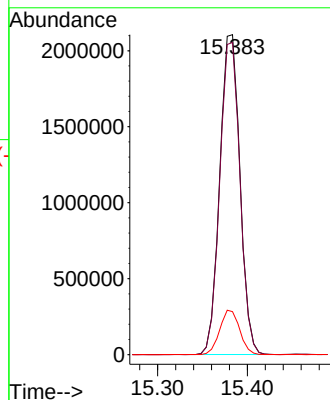
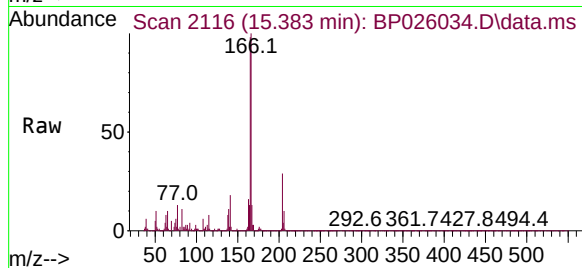




#58
Fluorene
Concen: 62.737 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

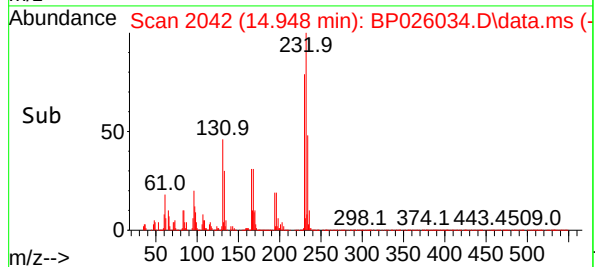
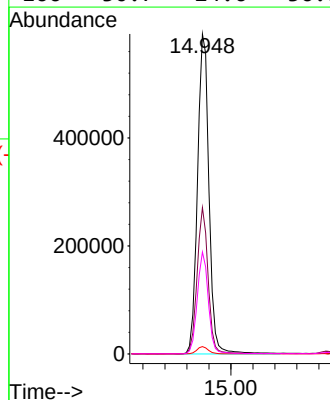
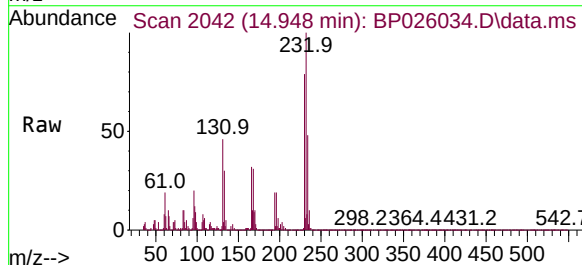
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

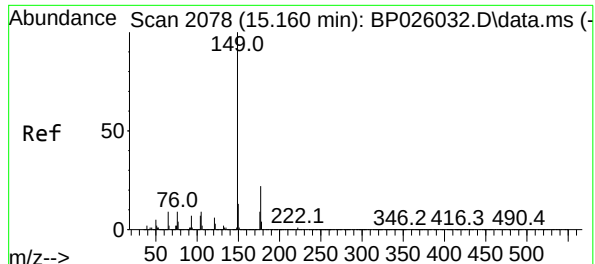
Tgt Ion:166 Resp: 3313648
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.4 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 70.360 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:232 Resp: 858179
Ion Ratio Lower Upper
232 100
131 43.8 35.2 52.8
130 2.3 1.7 2.5
166 30.7 24.6 36.8

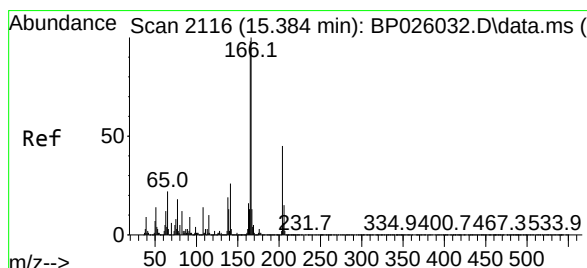
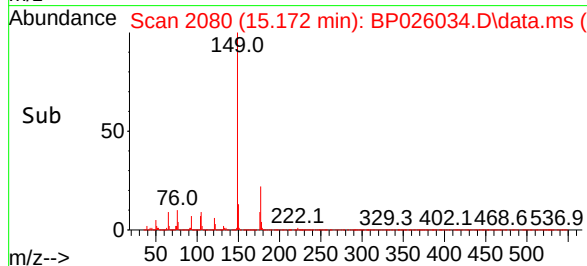
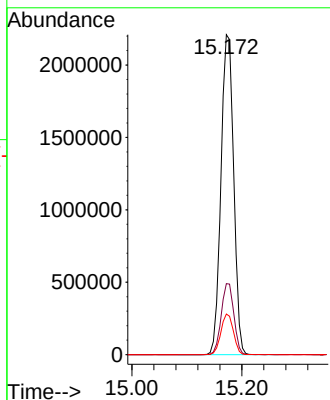
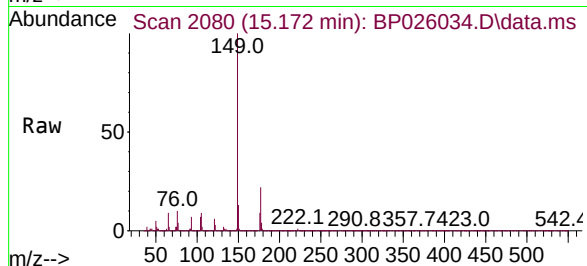




#60
Diethylphthalate
Concen: 65.288 ng
RT: 15.172 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

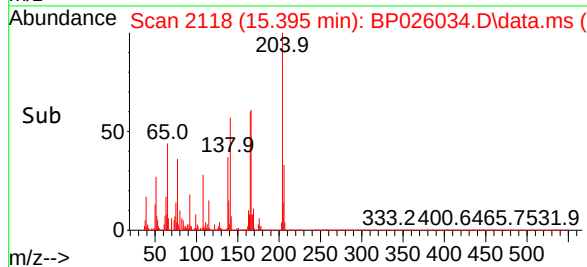
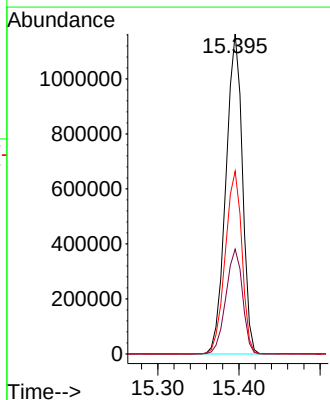
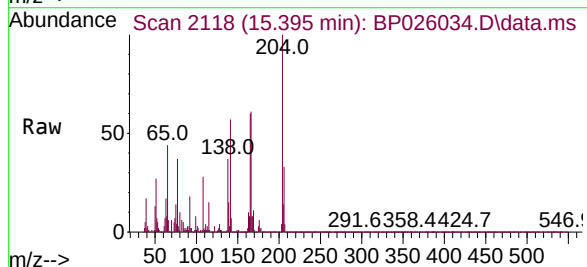
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

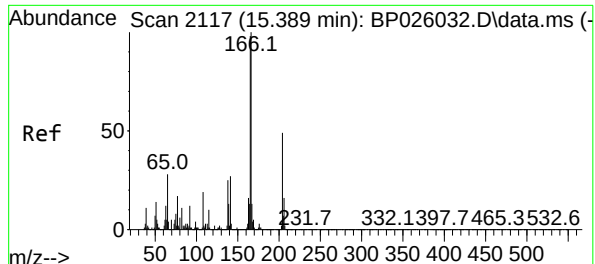
Tgt Ion:149 Resp: 3534128
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.7 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 62.210 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:204 Resp: 1640879
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 57.1 47.0 70.4

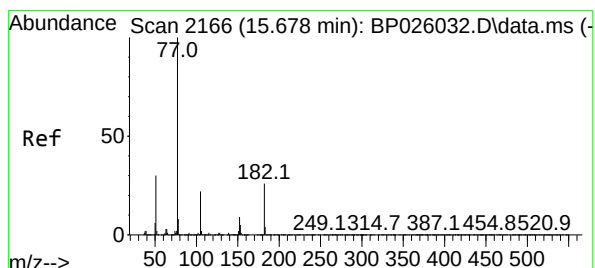
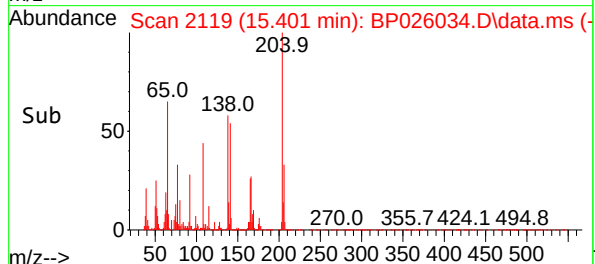
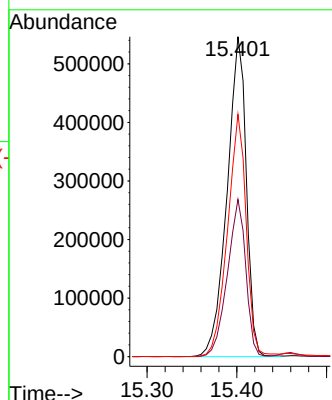
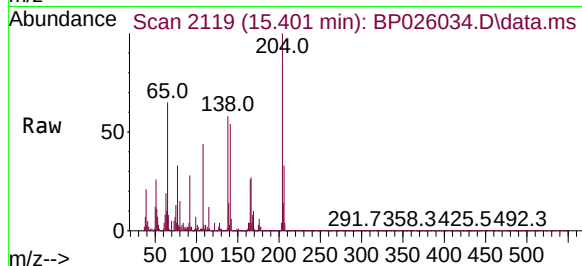




#62
4-Nitroaniline
Concen: 71.051 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

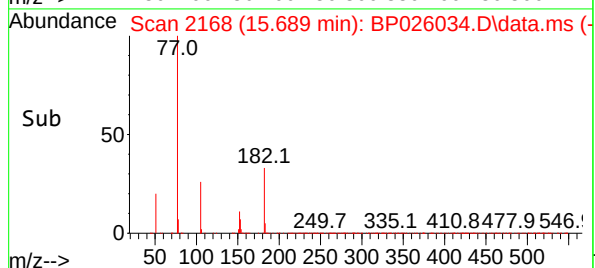
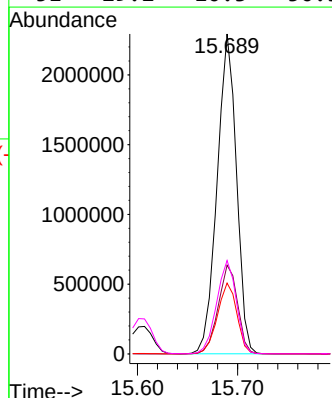
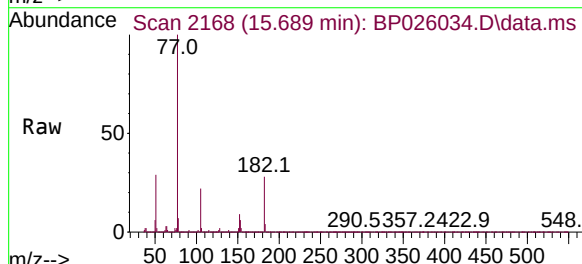
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

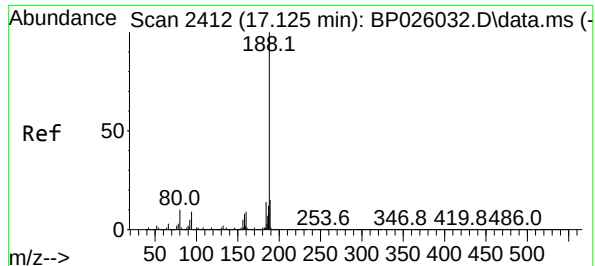
Tgt Ion:138 Resp: 817496
Ion Ratio Lower Upper
138 100
92 49.1 28.2 68.2
108 75.7 56.0 96.0



#63
Azobenzene
Concen: 62.764 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 3079138
Ion Ratio Lower Upper
77 100
182 27.7 6.4 46.4
105 22.1 2.2 42.2
51 29.2 10.3 50.3

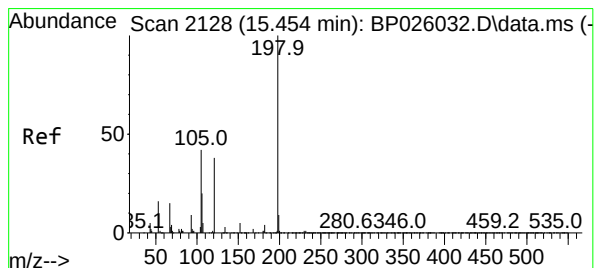
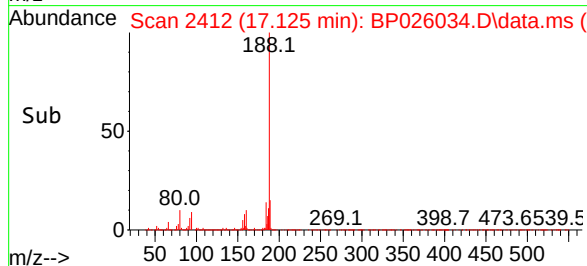
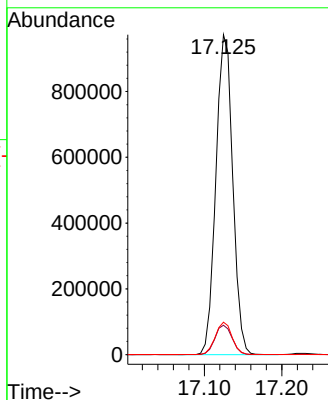
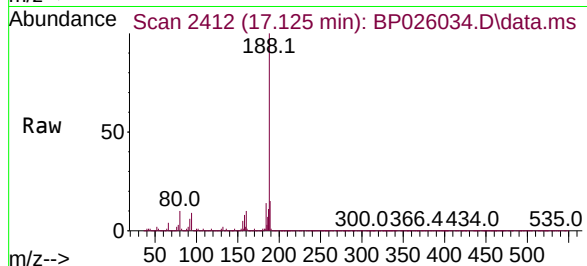




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

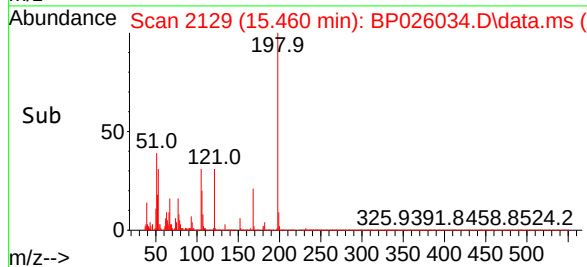
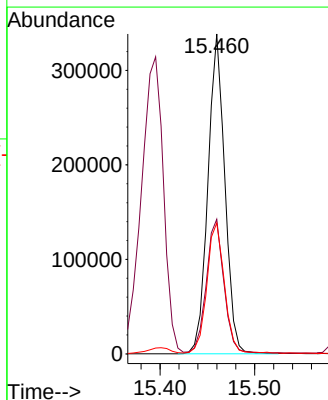
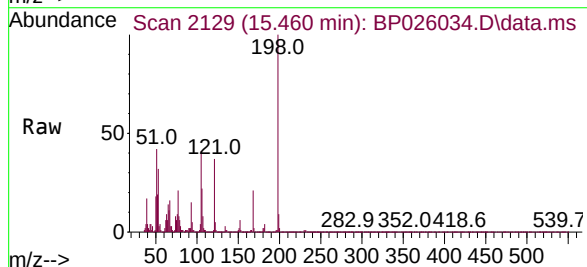
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

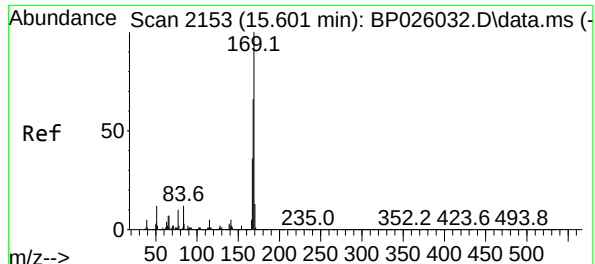
Tgt Ion:188 Resp: 1468570
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.1 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 64.124 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:198 Resp: 420911
Ion Ratio Lower Upper
198 100
51 42.1 25.2 65.2
105 40.9 23.7 63.7

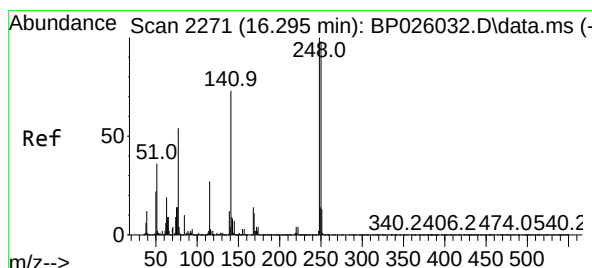
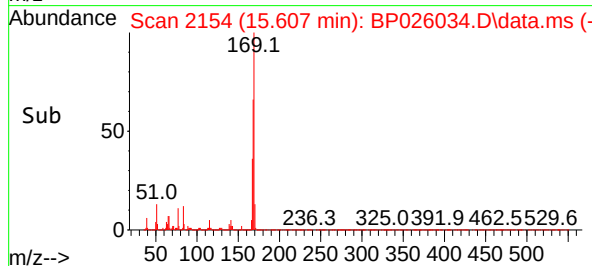
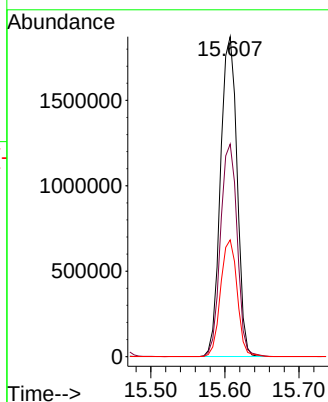
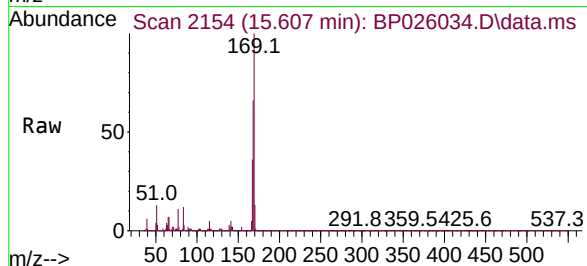




#66
n-Nitrosodiphenylamine
Concen: 63.193 ng
RT: 15.607 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

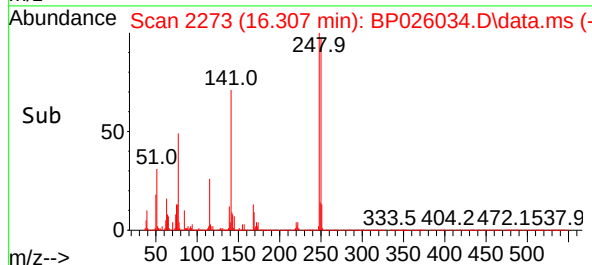
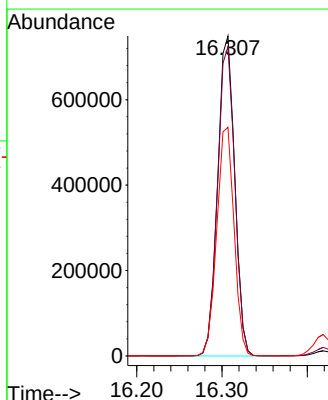
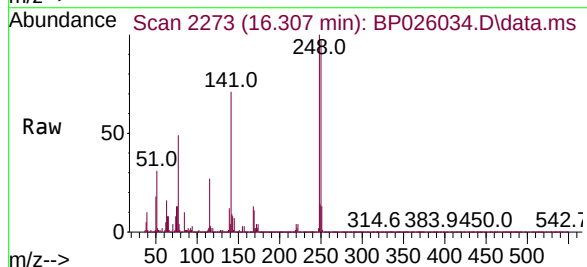
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

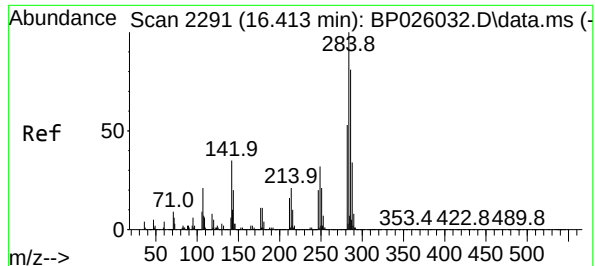
Tgt Ion:169 Resp: 2901612
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.5 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 64.082 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:248 Resp: 1043905
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 71.4 58.3 87.5

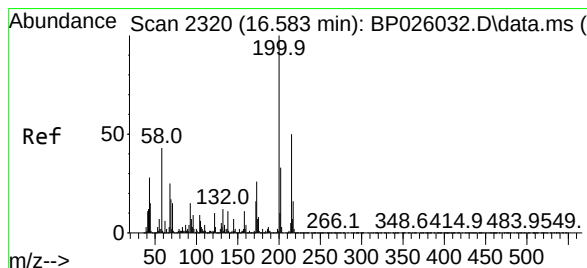
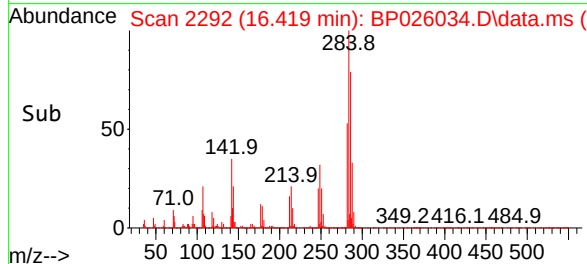
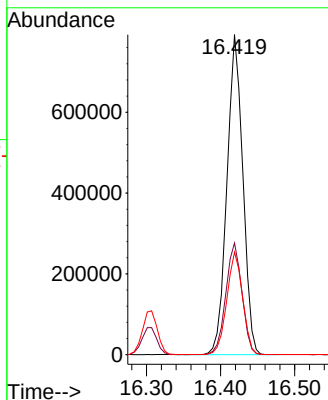
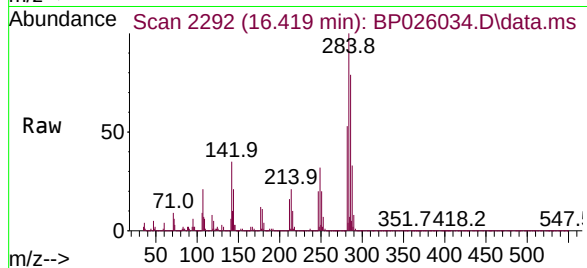




#68
Hexachlorobenzene
Concen: 63.645 ng
RT: 16.419 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

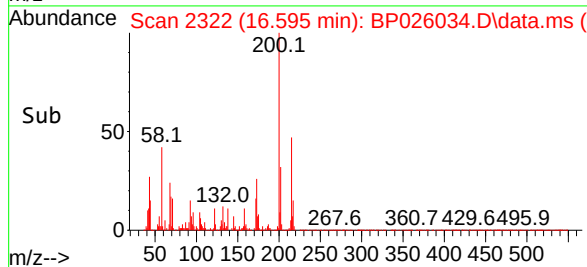
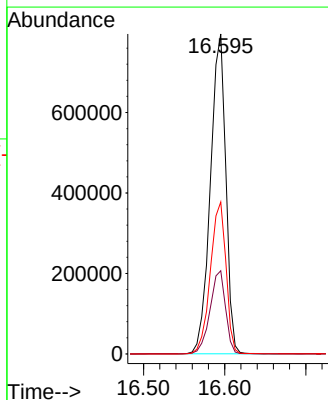
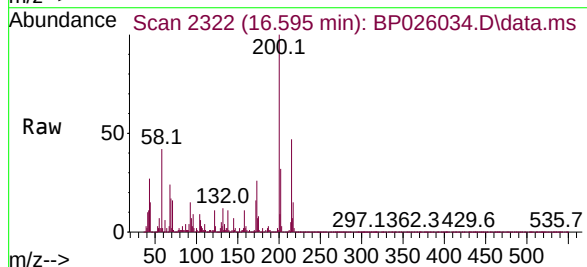
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

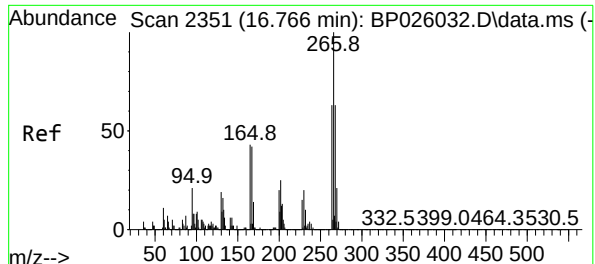
Tgt Ion:284 Resp: 1180264
Ion Ratio Lower Upper
284 100
142 34.9 27.7 41.5
249 32.0 25.5 38.3



#69
Atrazine
Concen: 67.838 ng
RT: 16.595 min Scan# 2322
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:200 Resp: 1050788
Ion Ratio Lower Upper
200 100
173 26.0 6.2 46.2
215 47.5 29.8 69.8

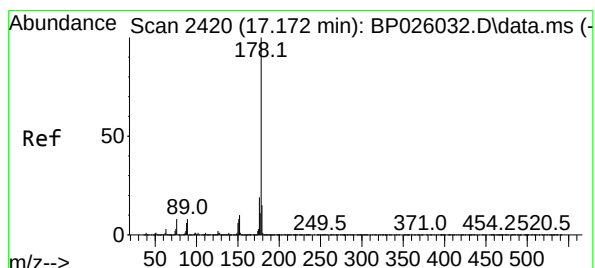
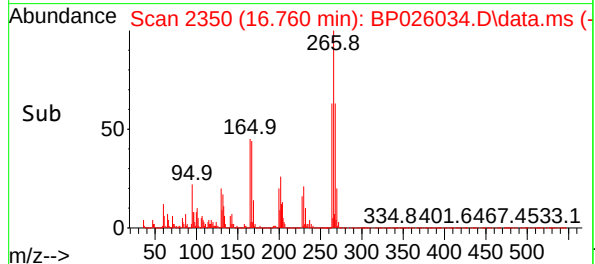
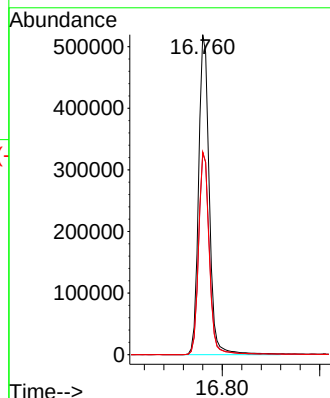
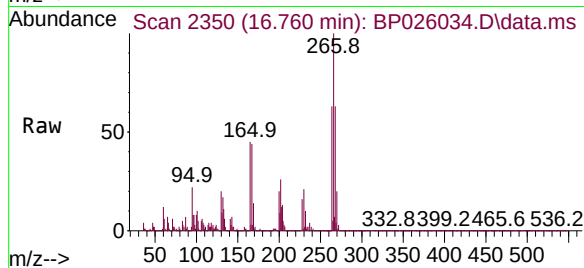




#70
 Pentachlorophenol
 Concen: 69.166 ng
 RT: 16.760 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BP026034.D
 Acq: 29 Oct 2025 13:32

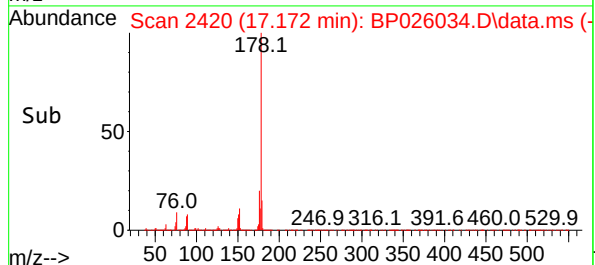
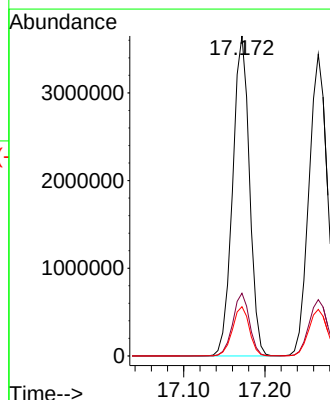
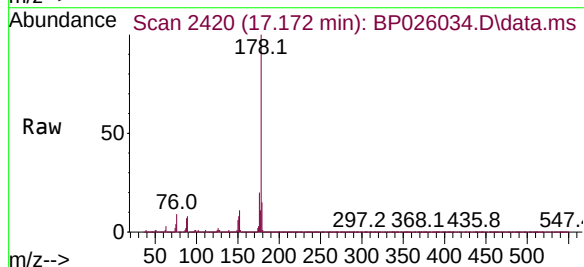
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

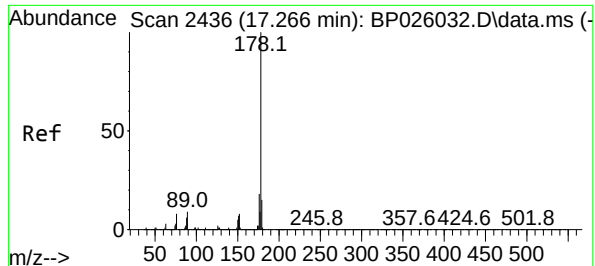
Tgt Ion:266 Resp: 783472
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.6 76.0
 264 63.3 50.2 75.4



#71
 Phenanthrene
 Concen: 61.576 ng
 RT: 17.172 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BP026034.D
 Acq: 29 Oct 2025 13:32

Tgt Ion:178 Resp: 5263383
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 15.4 12.3 18.5

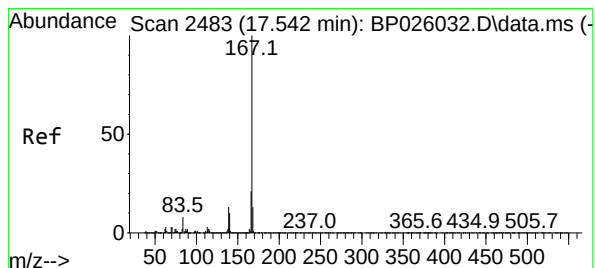
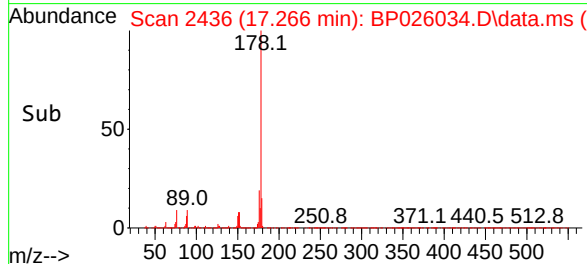
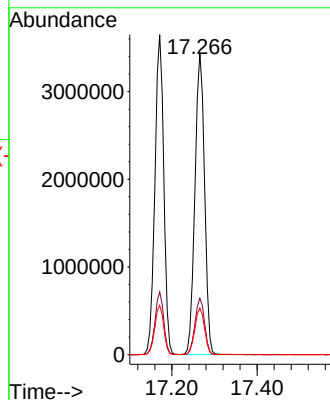
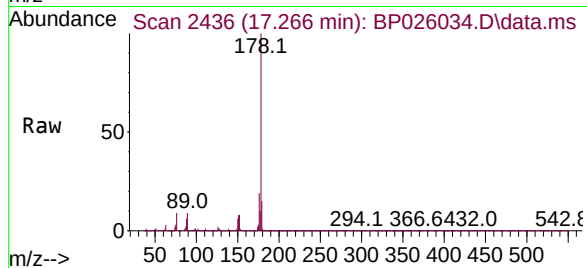




#72
Anthracene
Concen: 63.447 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

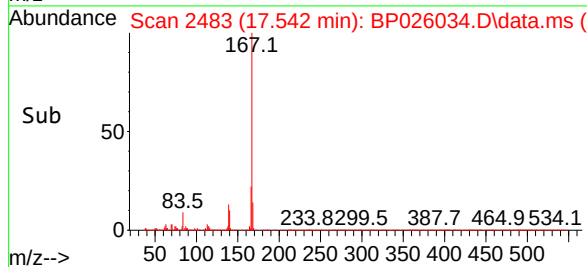
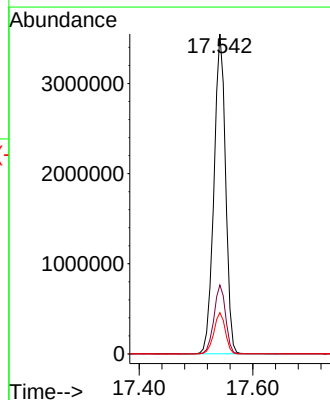
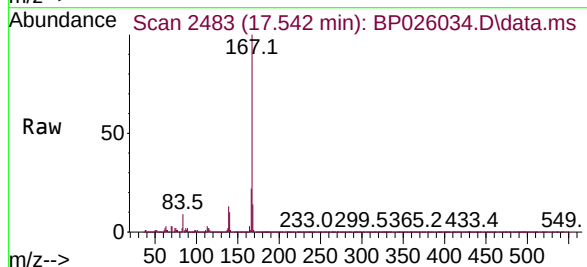
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

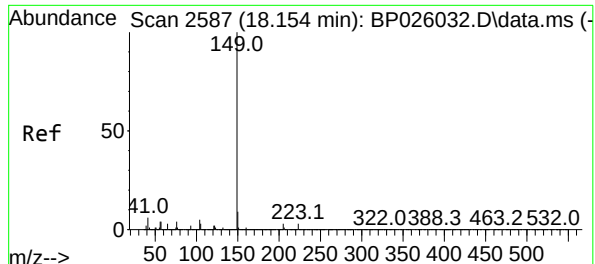
Tgt Ion:178 Resp: 5375909
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4



#73
Carbazole
Concen: 63.086 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:167 Resp: 5059908
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 12.9 10.2 15.2

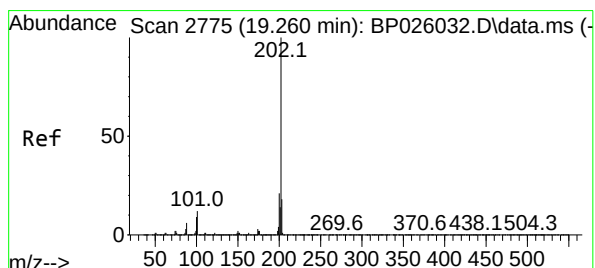
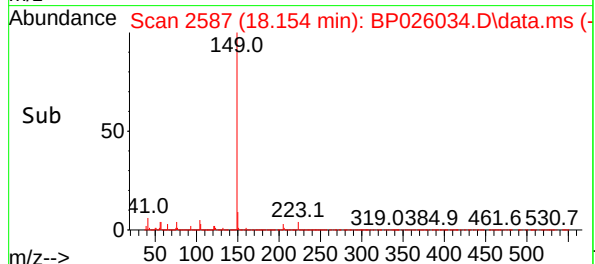
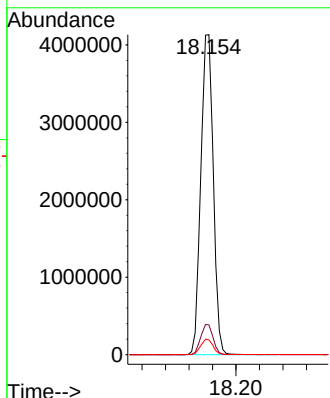
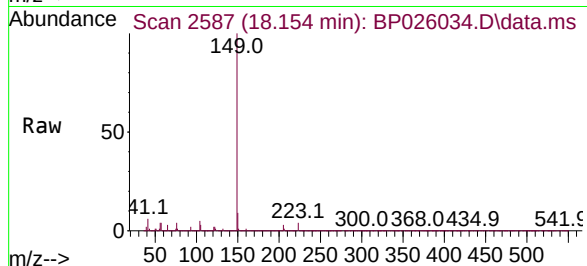




#74
Di-n-butylphthalate
Concen: 67.663 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

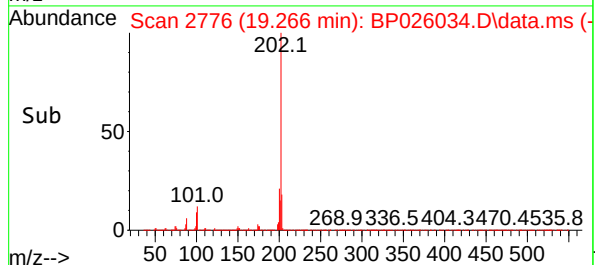
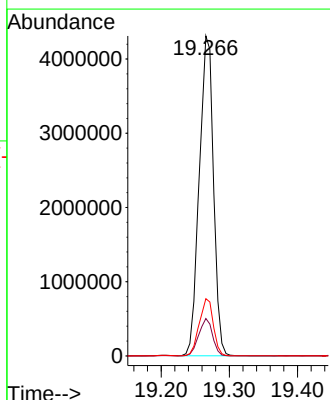
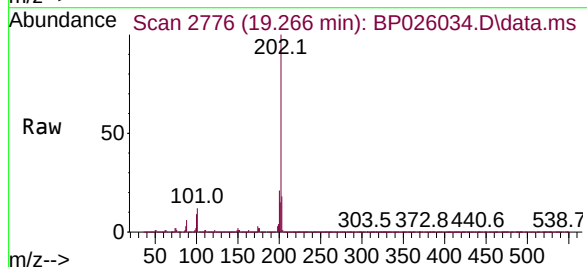
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

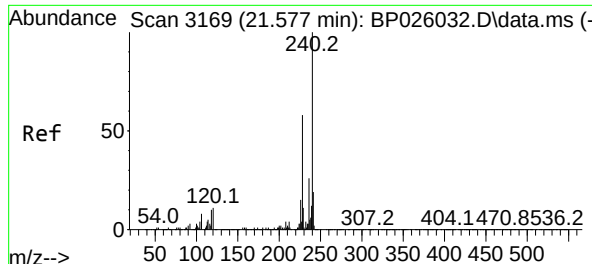
Tgt Ion:149 Resp: 6072603
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.7 3.8 5.6



#75
Fluoranthene
Concen: 62.816 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:202 Resp: 6263426
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.1
203 17.9 0.0 37.6

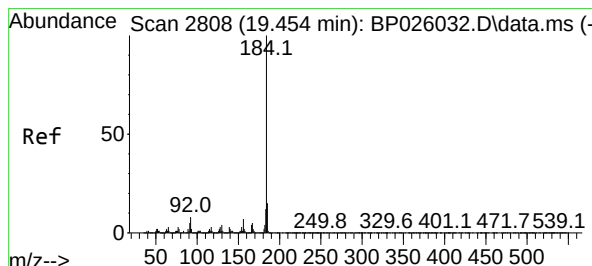
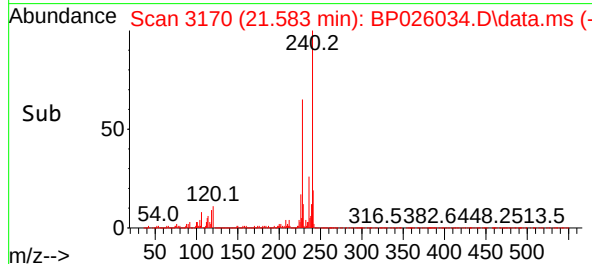
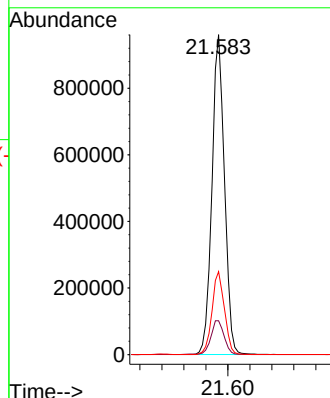
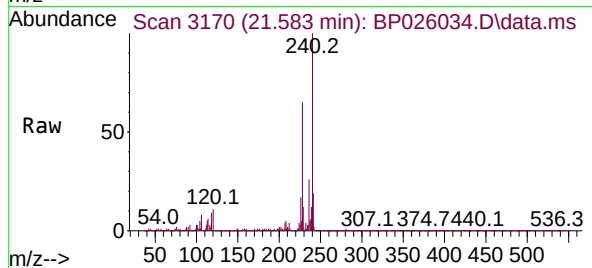




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3169
Delta R.T. 0.018 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

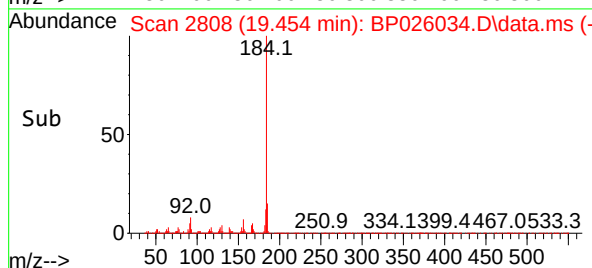
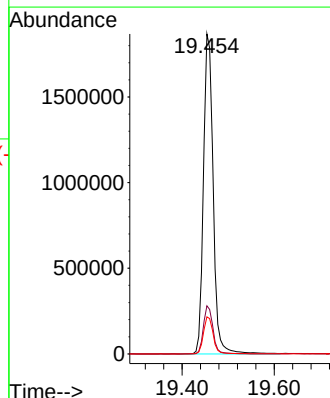
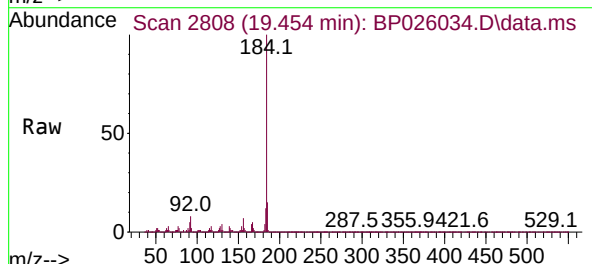
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

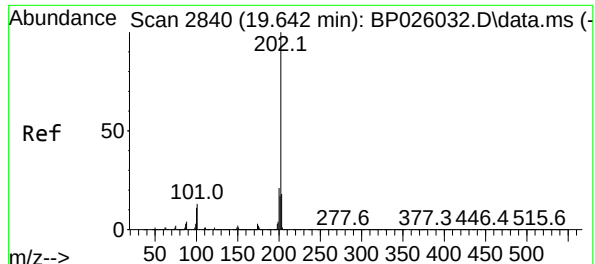
Tgt Ion:240 Resp: 1519622
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.9 20.6 31.0



#77
Benzidine
Concen: 70.680 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:184 Resp: 2726283
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.6 9.2 13.8





#78

Pyrene

Concen: 63.454 ng

RT: 19.648 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

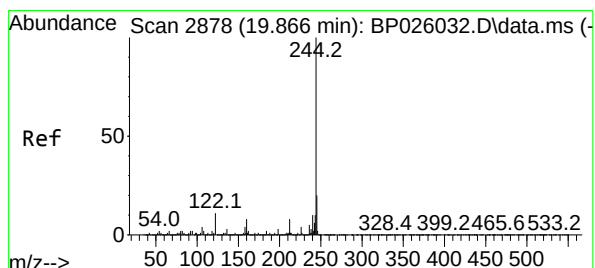
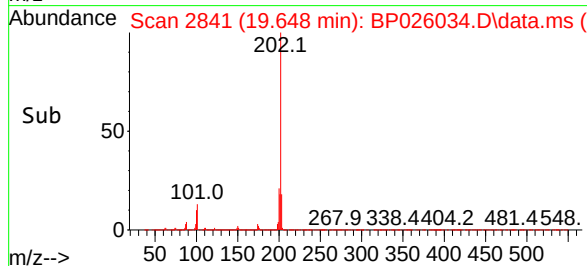
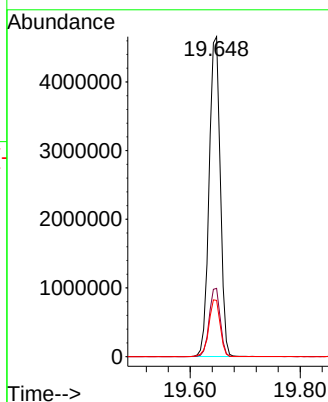
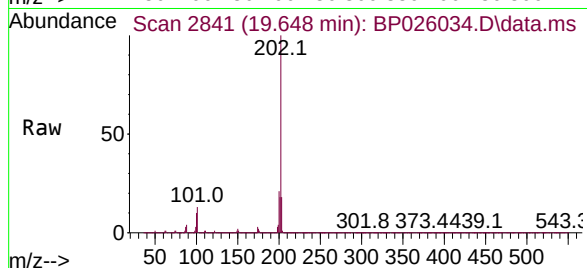
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:202 Resp: 6521771

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.6	14.0	21.0



#79

Terphenyl-d14

Concen: 124.204 ng

RT: 19.871 min Scan# 2879

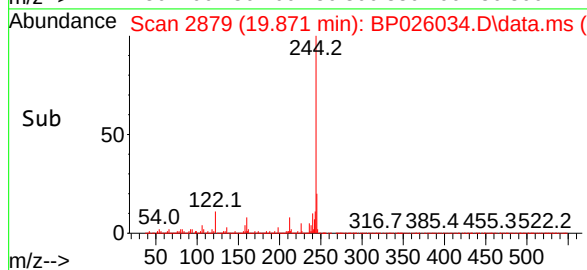
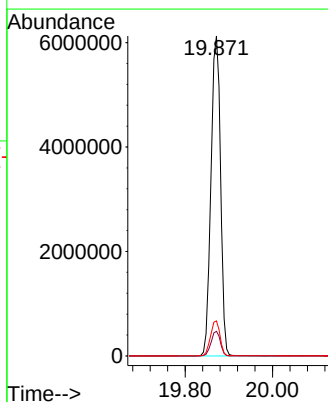
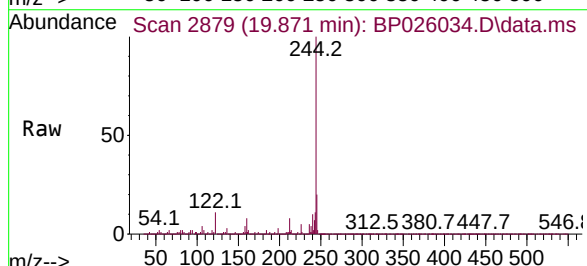
Delta R.T. 0.006 min

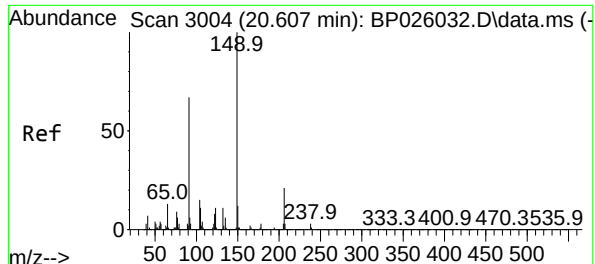
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:244 Resp: 9289969

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	10.9	9.0	13.6





#80

Butylbenzylphthalate

Concen: 65.127 ng

RT: 20.613 min Scan# 3004

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

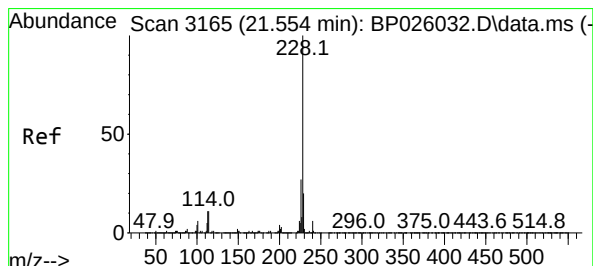
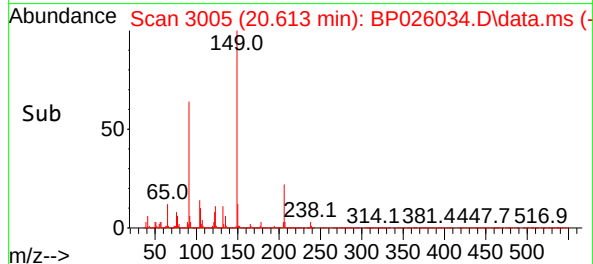
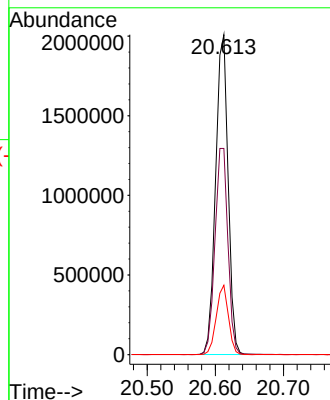
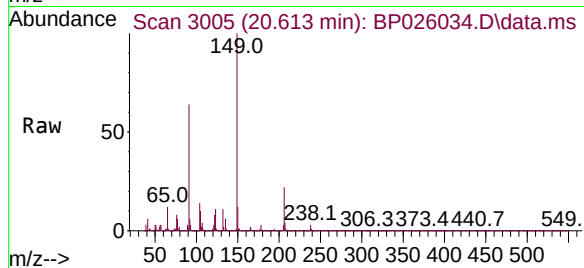
Tgt Ion:149 Resp: 2549176

Ion Ratio Lower Upper

149 100

91 64.4 53.5 80.3

206 21.7 16.6 25.0



#81

Benzo(a)anthracene

Concen: 62.991 ng

RT: 21.566 min Scan# 3167

Delta R.T. 0.018 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

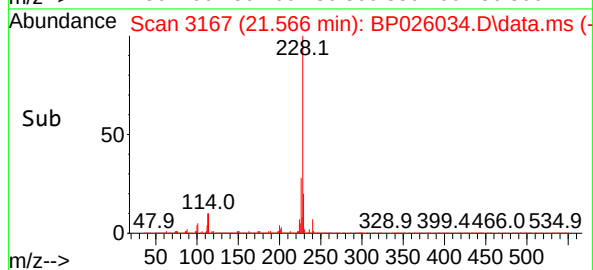
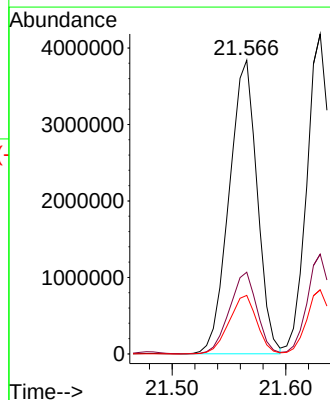
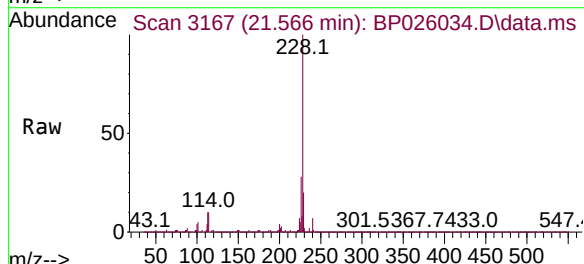
Tgt Ion:228 Resp: 6577757

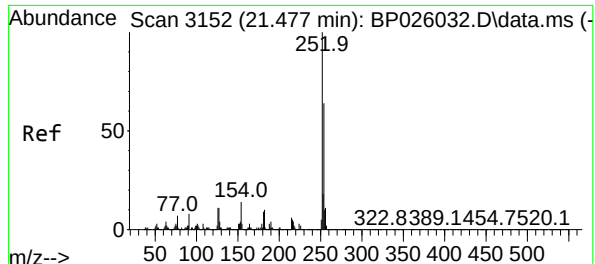
Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 19.9 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 67.371 ng

RT: 21.477 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

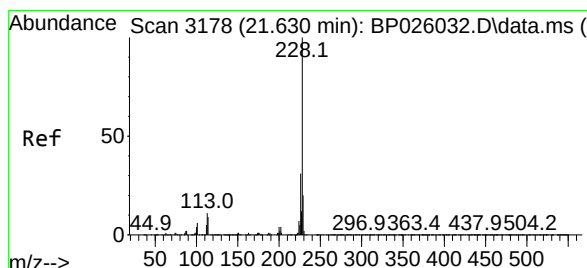
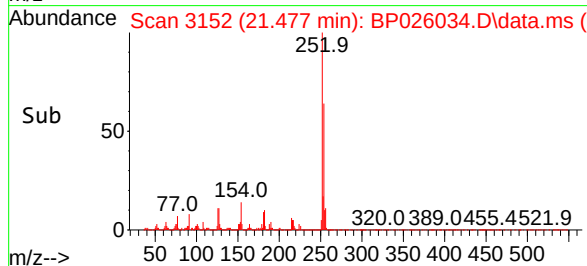
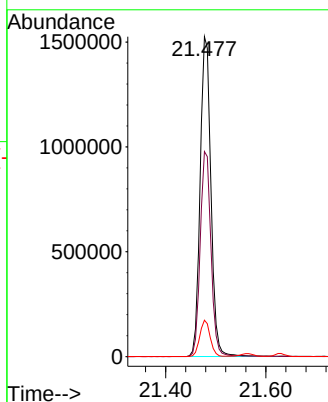
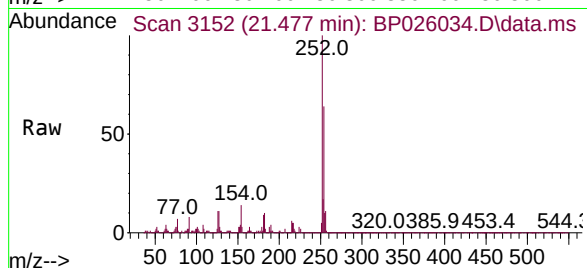
Tgt Ion:252 Resp: 2266707

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

126 11.4 9.1 13.7



#83

Chrysene

Concen: 62.176 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

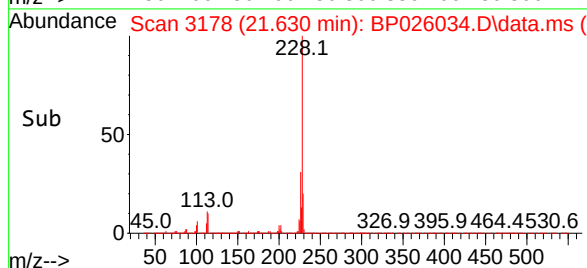
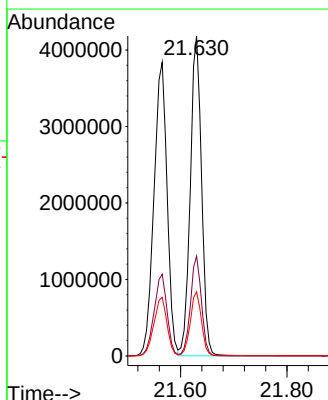
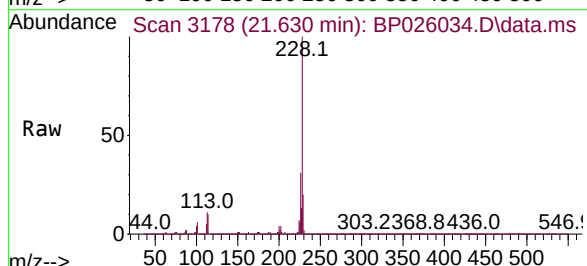
Tgt Ion:228 Resp: 6150315

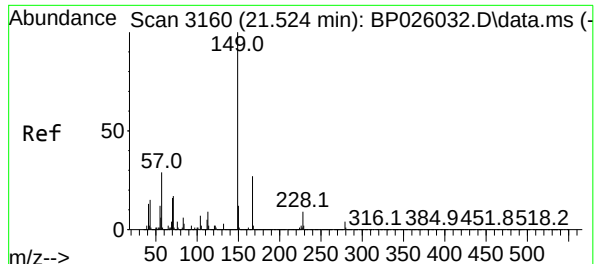
Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 20.0 16.0 24.0

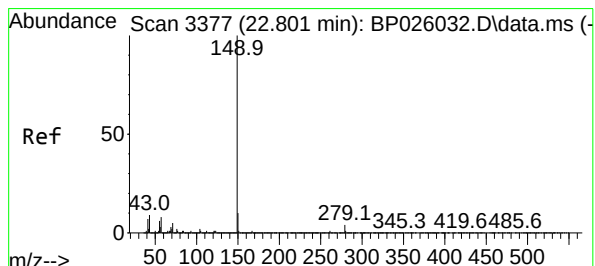
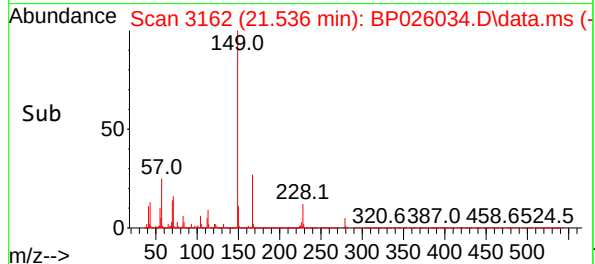
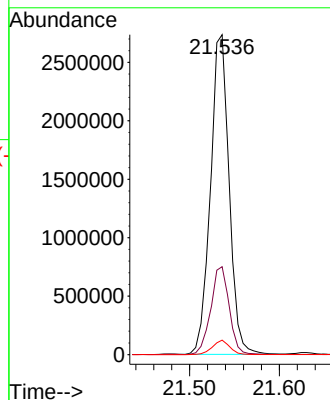
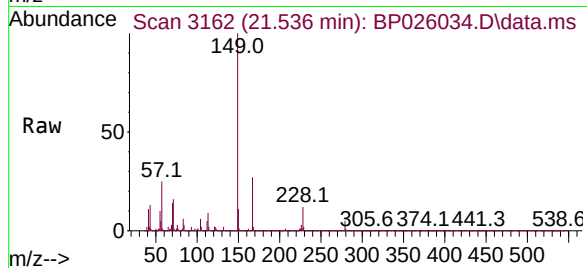




#84
Bis(2-ethylhexyl)phthalate
Concen: 62.903 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

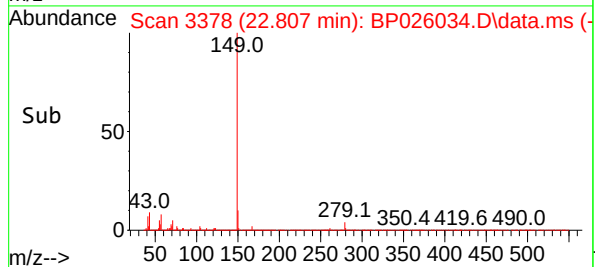
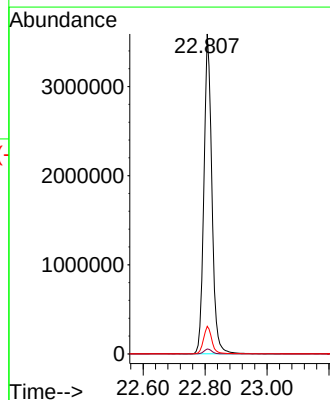
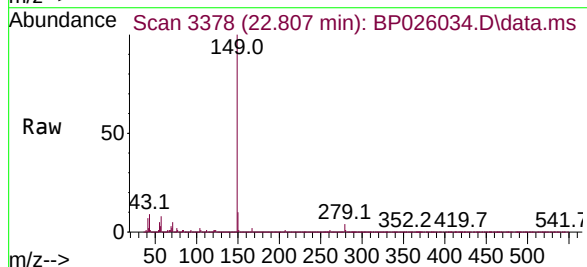
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

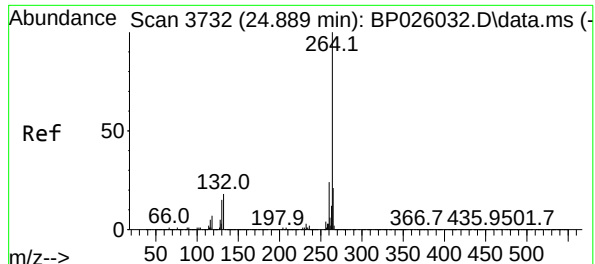
Tgt Ion:149 Resp: 3949393
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.5 3.0 4.6



#85
Di-n-octyl phthalate
Concen: 70.922 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:149 Resp: 6415656
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.1 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

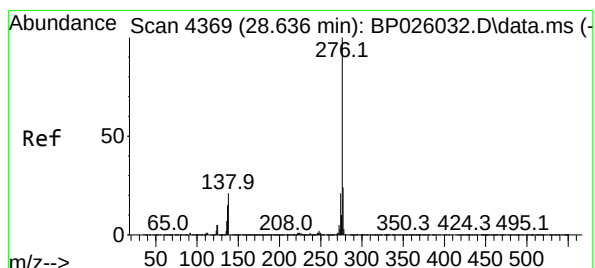
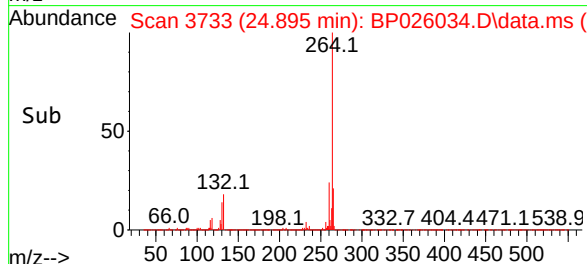
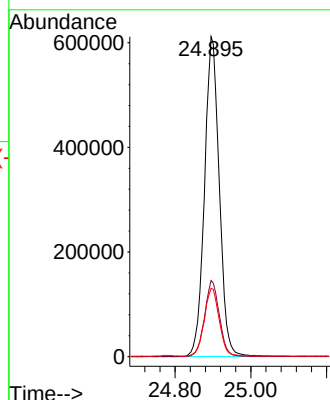
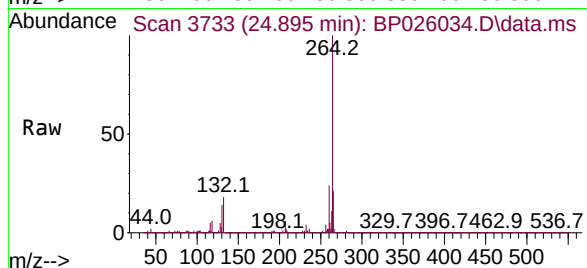
Tgt Ion:264 Resp: 1658930

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.4 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 66.237 ng

RT: 28.665 min Scan# 4374

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

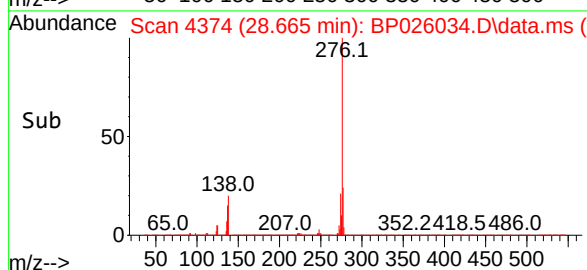
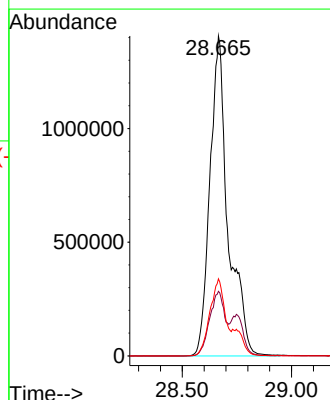
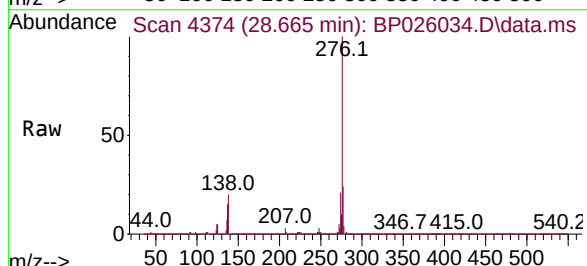
Tgt Ion:276 Resp: 8109098

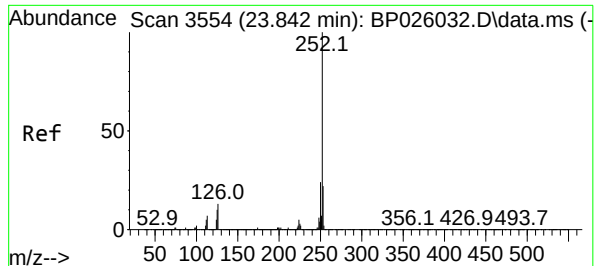
Ion Ratio Lower Upper

276 100

138 17.1 13.2 19.8

277 20.2 16.3 24.5

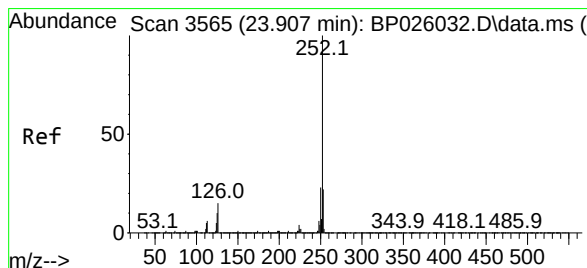
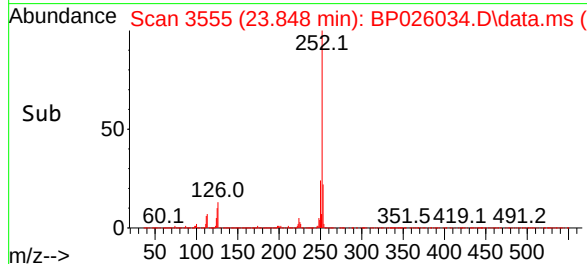
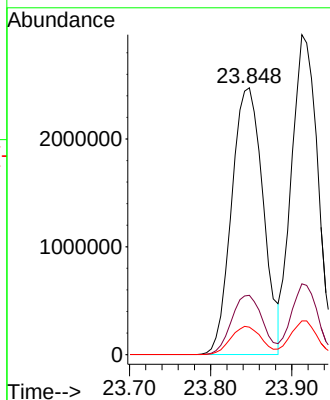
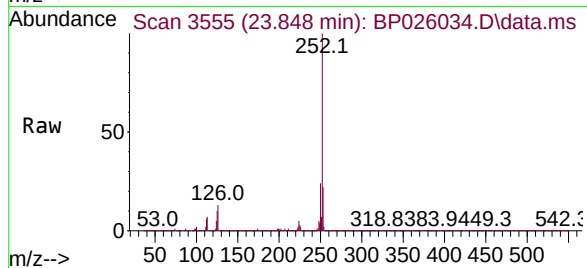




#88
Benzo(b)fluoranthene
Concen: 65.011 ng
RT: 23.848 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

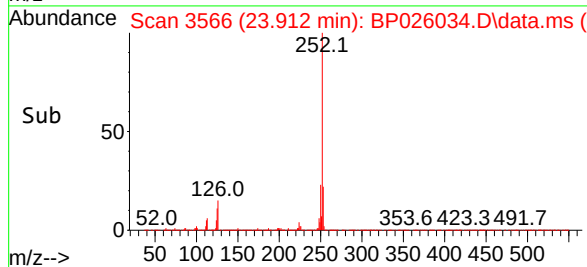
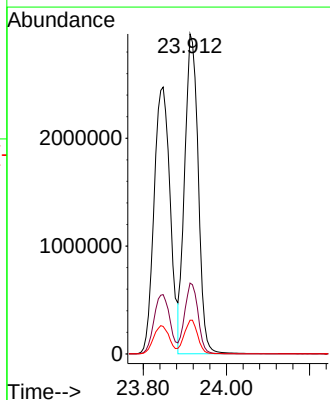
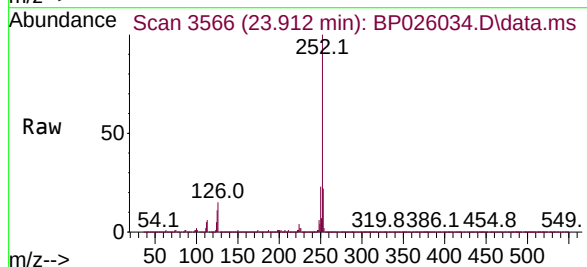
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

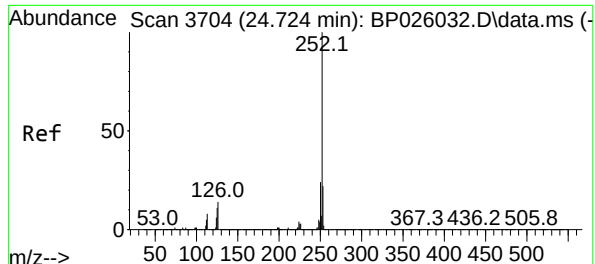
Tgt Ion:252 Resp: 6695122
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.3 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 63.737 ng
RT: 23.912 min Scan# 3566
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:252 Resp: 6702900
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 8.1 12.1





#90

Benzo(a)pyrene

Concen: 65.888 ng

RT: 24.736 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

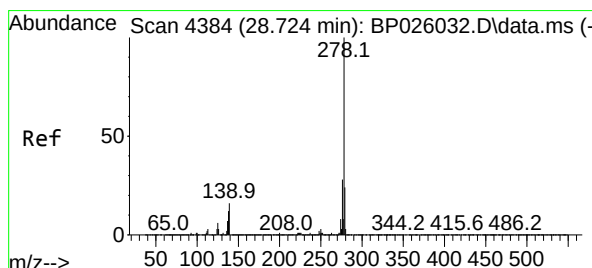
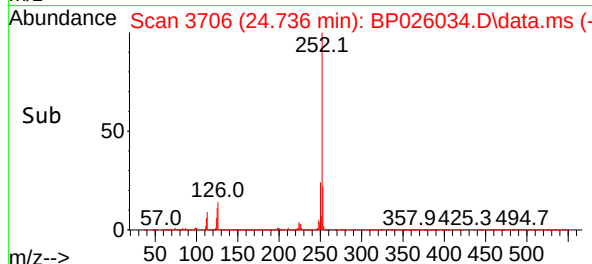
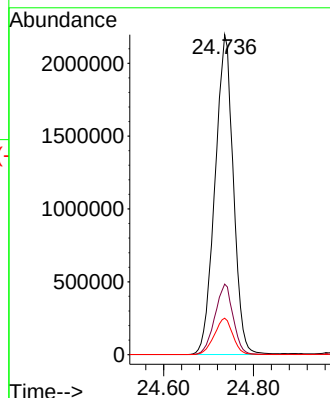
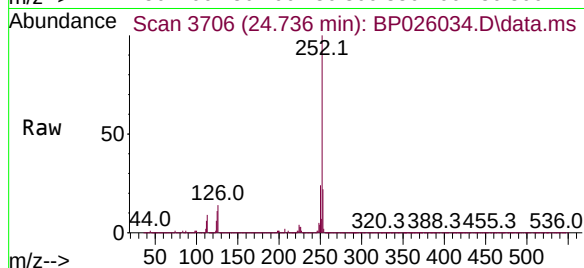
Tgt Ion:252 Resp: 6233786

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.4 9.1 13.7



#91

Dibenzo(a,h)anthracene

Concen: 65.929 ng

RT: 28.759 min Scan# 4390

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

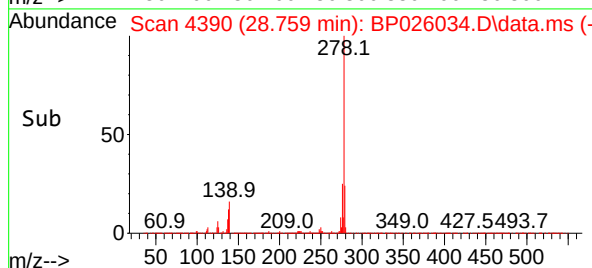
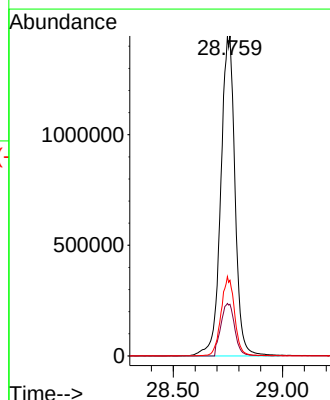
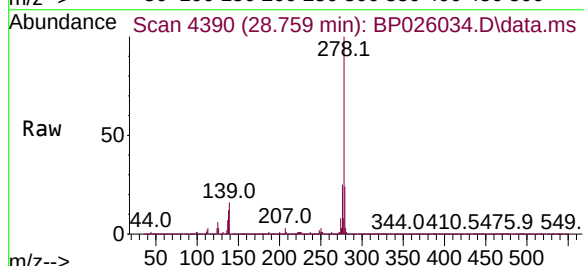
Tgt Ion:278 Resp: 6571045

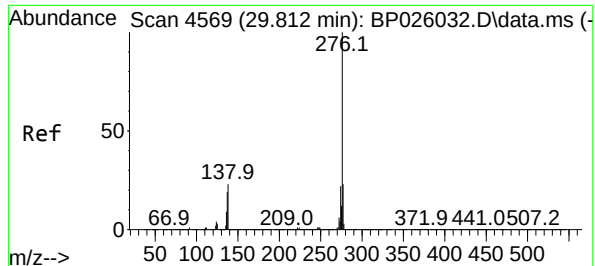
Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.6

279 23.6 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 65.331 ng

RT: 29.830 min Scan# 4572

Delta R.T. 0.000 min

Lab File: BP026034.D

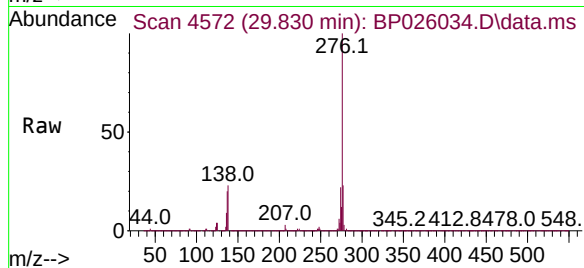
Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



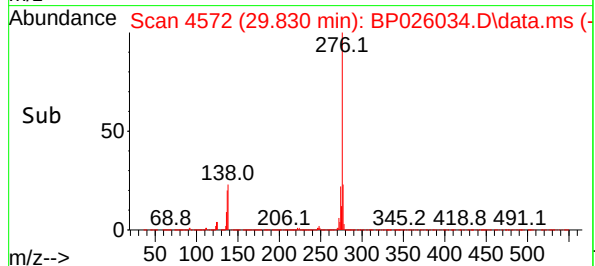
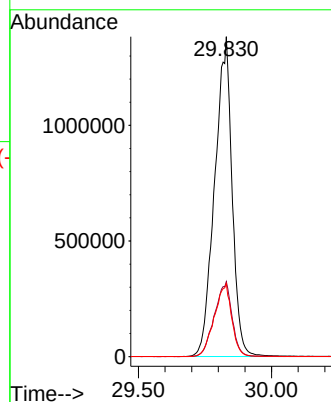
Tgt Ion:276 Resp: 6265775

Ion	Ratio	Lower	Upper

276	100		

277	23.4	18.5	27.7

138	22.8	18.1	27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026035.D
 Acq On : 29 Oct 2025 14:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	285372	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1176810	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	727864	20.000	ng	0.00
64) Phenanthrene-d10	17.124	188	1454350	20.000	ng	0.00
76) Chrysene-d12	21.565	240	1518010	20.000	ng	0.00
86) Perylene-d12	24.883	264	1693006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2853584	165.001	ng	0.00
7) Phenol-d6	6.854	99	3663018	166.407	ng	0.00
23) Nitrobenzene-d5	8.825	82	3225718	170.878	ng	0.00
42) 2,4,6-Tribromophenol	15.830	330	1360572	172.904	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	7610514	150.244	ng	0.00
79) Terphenyl-d14	19.865	244	11030199	147.627	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	581796	79.799	ng	98
3) Pyridine	3.619	79	1683455	81.225	ng	99
4) n-Nitrosodimethylamine	3.537	42	667192	80.319	ng	95
6) Aniline	7.019	93	2386368	81.230	ng	99
8) 2-Chlorophenol	7.254	128	1627396	84.977	ng	98
9) Benzaldehyde	6.831	77	848919	74.188	ng	99
10) Phenol	6.884	94	2009800	82.242	ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1555565	80.659	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1739151	79.076	ng	99
13) 1,4-Dichlorobenzene	7.725	146	1760668	79.178	ng	100
14) 1,2-Dichlorobenzene	8.031	146	1691085	79.697	ng	100
15) Benzyl Alcohol	7.913	79	1329833	83.801	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.201	45	2262252	77.614	ng	99
17) 2-Methylphenol	8.113	107	1342933	83.922	ng	99
18) Hexachloroethane	8.760	117	623268	81.910	ng	99
19) n-Nitroso-di-n-propyla...	8.490	70	1125887	82.397	ng	97
20) 3+4-Methylphenols	8.443	107	1820304	81.769	ng	99
22) Acetophenone	8.495	105	2326587	78.173	ng	99
24) Nitrobenzene	8.866	77	1665956	83.585	ng	99
25) Isophorone	9.390	82	3260235	80.688	ng	100
27) 2,4-Dimethylphenol	9.631	122	1434677	84.436	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	2010418	78.950	ng	99
29) 2,4-Dichlorophenol	10.095	162	1524906	84.998	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1545459	79.255	ng	99
31) Naphthalene	10.501	128	5003853	77.974	ng	99
32) Benzoic acid	9.778	122	1000336	79.140	ng	97
33) 4-Chloroaniline	10.595	127	2008519	81.448	ng	99
34) Hexachlorobutadiene	10.795	225	976216	78.780	ng	99
35) Caprolactam	11.384	113	526808	83.619	ng	94
36) 4-Chloro-3-methylphenol	11.731	107	1587177	84.393	ng	99
37) 2-Methylnaphthalene	12.113	142	3532026	78.637	ng	99
38) 1-Methylnaphthalene	12.336	142	3416923	78.306	ng	99
40) 1,2,4,5-Tetrachloroben...	12.489	216	1802921	79.720	ng	100
41) Hexachlorocyclopentadiene	12.478	237	732085	88.474	ng	96
43) 2,4,6-Trichlorophenol	12.725	196	1201855	89.908	ng	100
44) 2,4,5-Trichlorophenol	12.795	196	1327296	87.017	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026035.D
 Acq On : 29 Oct 2025 14:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.136	154	4347017	77.997	ng	100
47) 2-Chloronaphthalene	13.172	162	3434628	78.326	ng	100
48) 2-Nitroaniline	13.378	65	958497	84.358	ng	96
49) Acenaphthylene	14.036	152	5073069	79.376	ng	100
50) Dimethylphthalate	13.772	163	4187309	79.090	ng	100
51) 2,6-Dinitrotoluene	13.878	165	834638	83.478	ng	99
52) Acenaphthene	14.383	154	3469946	79.085	ng	99
53) 3-Nitroaniline	14.207	138	995927	81.547	ng	99
54) 2,4-Dinitrophenol	14.419	184	366262	79.098	ng	96
55) Dibenzofuran	14.725	168	5170871	78.003	ng	100
56) 4-Nitrophenol	14.519	139	875195	82.900	ng	100
57) 2,4-Dinitrotoluene	14.678	165	1218227	83.983	ng	98
58) Fluorene	15.383	166	3839303	73.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	1077698	89.860	ng	100
60) Diethylphthalate	15.166	149	4232388	79.517	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1914592	73.822	ng	99
62) 4-Nitroaniline	15.401	138	986852	87.229	ng	97
63) Azobenzene	15.689	77	3723361	77.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.454	198	556384	78.914	ng	97
66) n-Nitrosodiphenylamine	15.601	169	3556221	78.206	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1290917	80.020	ng	98
68) Hexachlorobenzene	16.419	284	1439069	78.359	ng	99
69) Atrazine	16.583	200	1256682	81.924	ng	98
70) Pentachlorophenol	16.766	266	990090	88.261	ng	99
71) Phenanthrene	17.172	178	6425576	75.907	ng	99
72) Anthracene	17.260	178	6487799	77.318	ng	99
73) Carbazole	17.536	167	6270446	78.943	ng	99
74) Di-n-butylphthalate	18.154	149	7283617	81.950	ng	99
75) Fluoranthene	19.260	202	7531112	76.268	ng	99
77) Benzidine	19.454	184	3400762	88.260	ng	99
78) Pyrene	19.636	202	7955581	77.487	ng	99
80) Butylbenzylphthalate	20.607	149	3160394	80.010	ng	99
81) Benzo(a)anthracene	21.548	228	8199298	78.602	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2837103	84.414	ng	100
83) Chrysene	21.618	228	7696535	77.890	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	4903538	77.525	ng	99
85) Di-n-octyl phthalate	22.801	149	8284794	91.682	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	10532958m	84.304	ng	
88) Benzo(b)fluoranthene	23.848	252	8542978	81.284	ng	100
89) Benzo(k)fluoranthene	23.924	252	8579950	79.943	ng	99
90) Benzo(a)pyrene	24.742	252	8034864	83.215	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	8497246	83.540	ng	99
92) Benzo(g,h,i)perylene	29.830	276	8153149	83.299	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

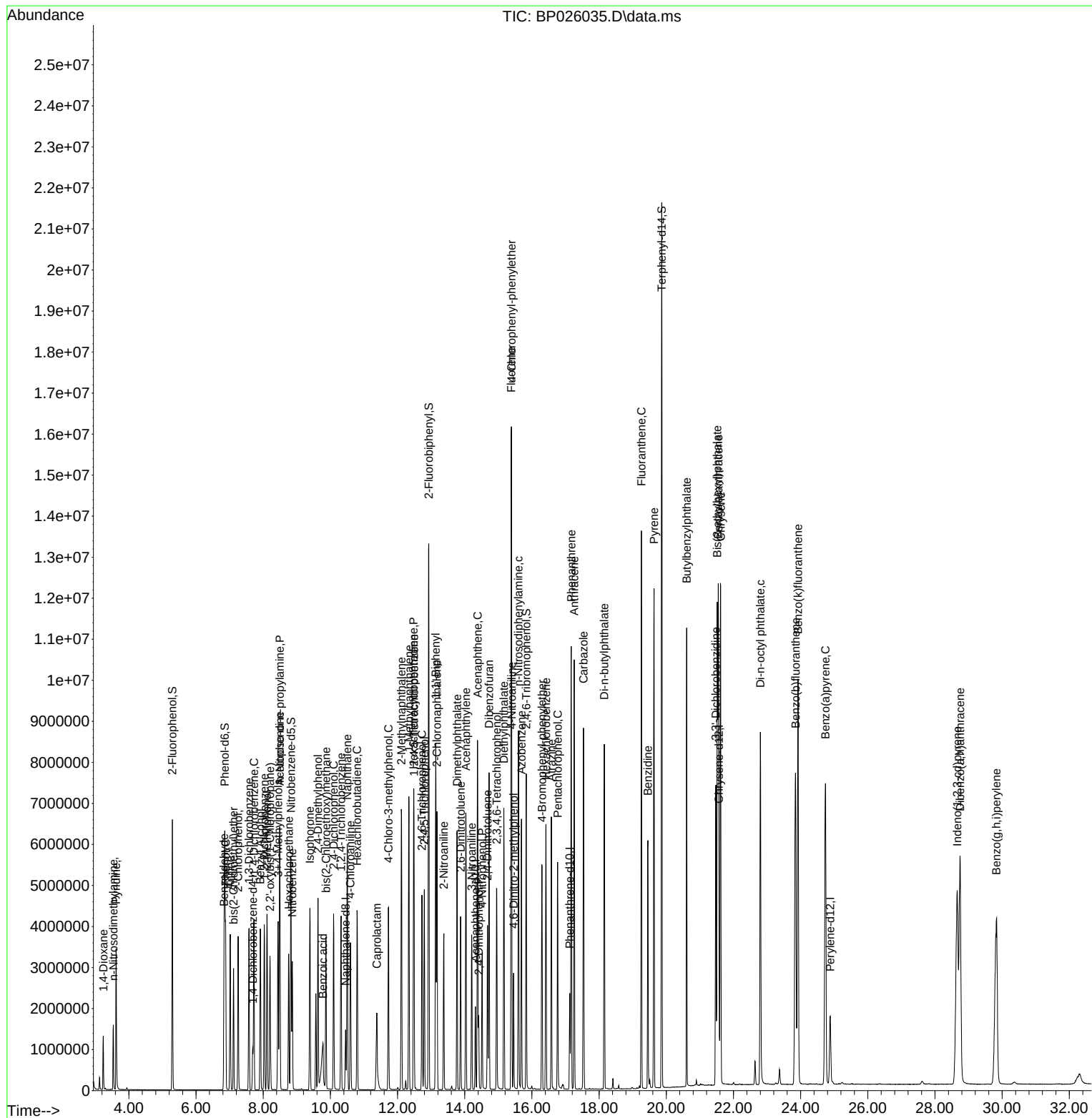
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Acq On    : 29 Oct 2025  14:13  
Operator  : RC/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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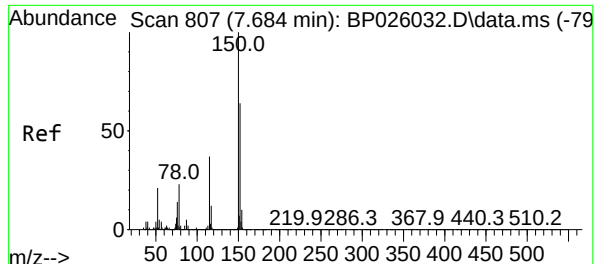
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

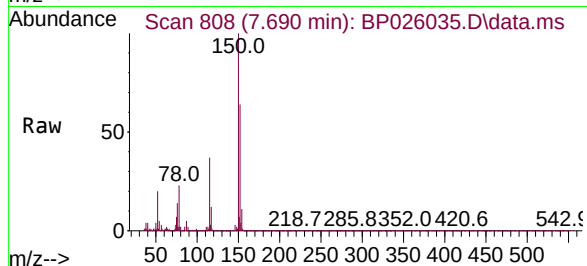
Quant Time: Oct 29 18:08:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

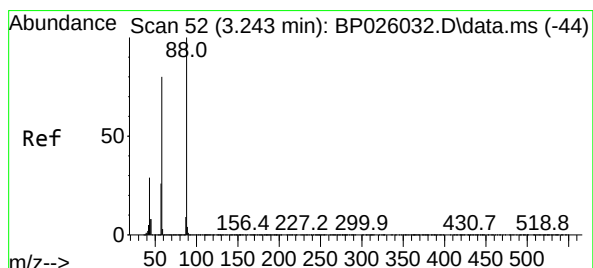
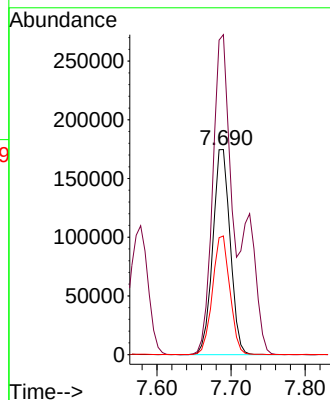
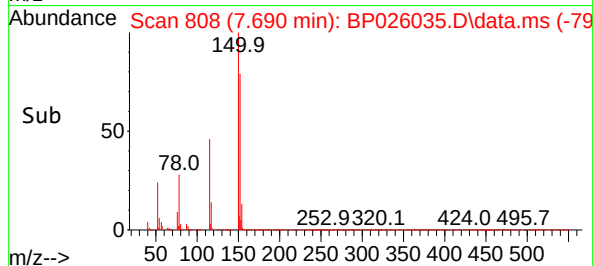
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 285372
Ion Ratio Lower Upper
152 100
150 156.1 125.7 188.5
115 57.9 46.4 69.6

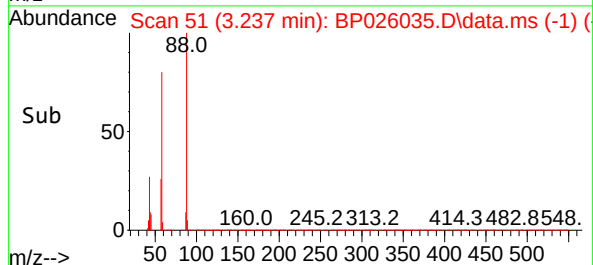
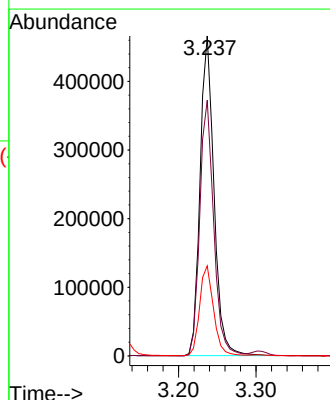
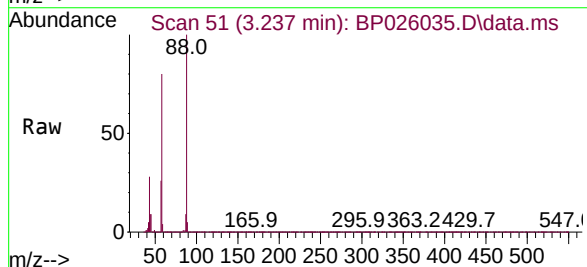
Manual Integrations
APPROVED

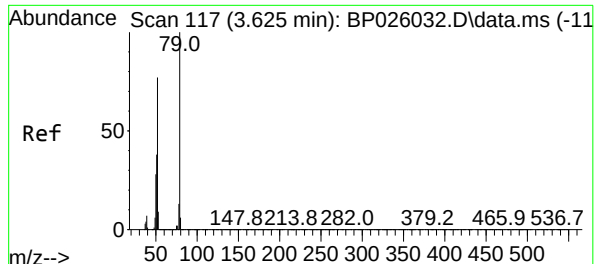
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 79.799 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

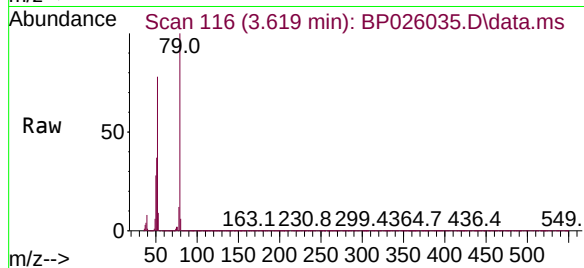
Tgt Ion: 88 Resp: 581796
Ion Ratio Lower Upper
88 100
58 80.1 65.4 98.0
43 28.1 23.1 34.7





#3
Pyridine
Concen: 81.225 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

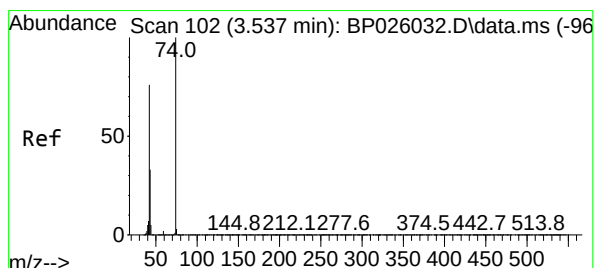
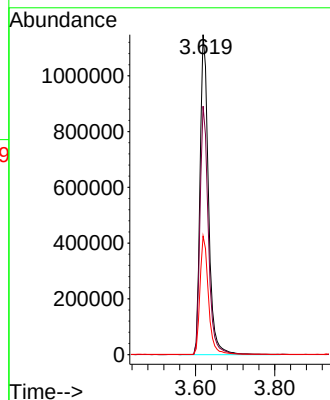
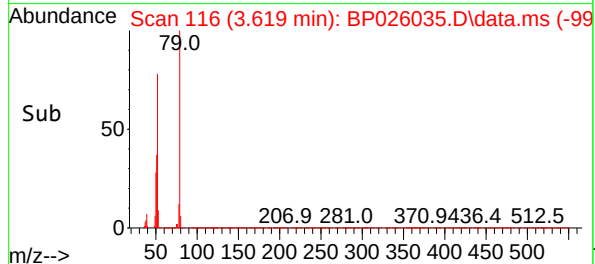
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 168345
Ion Ratio Lower Upper
79 100
52 77.6 62.0 93.0
51 37.0 30.6 46.0

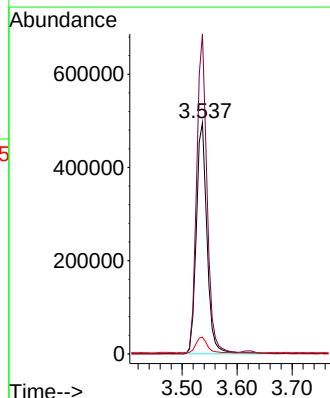
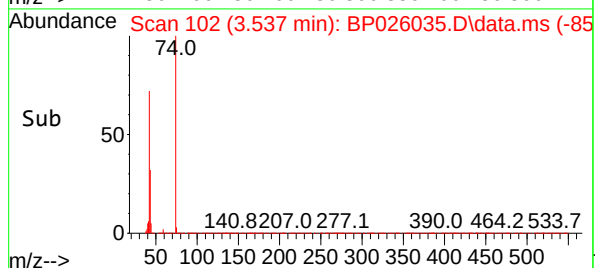
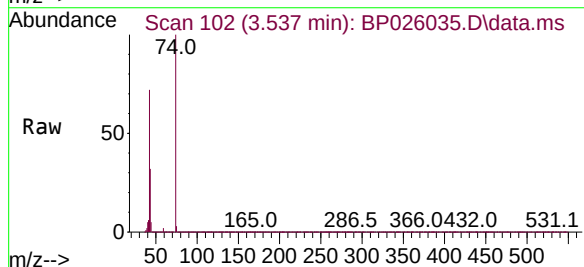
Manual Integrations
APPROVED

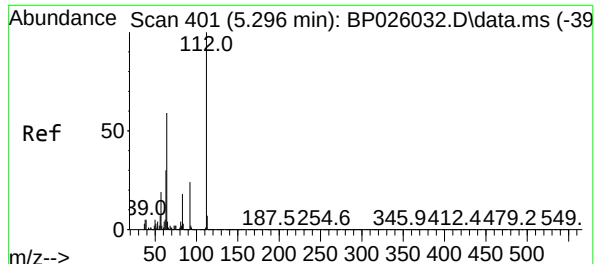
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 80.319 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

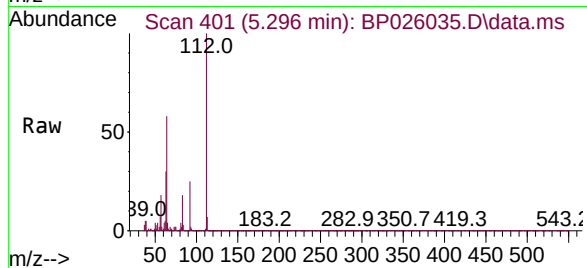
Tgt Ion: 42 Resp: 667192
Ion Ratio Lower Upper
42 100
74 138.5 105.7 158.5
44 7.2 6.6 9.8





#5
2-Fluorophenol
Concen: 165.001 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

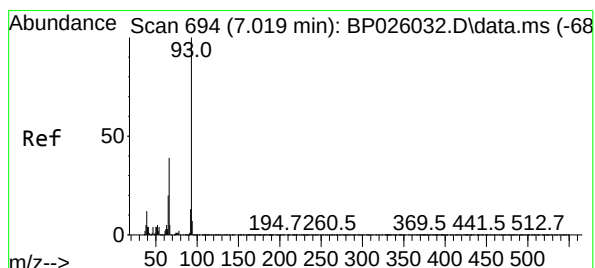
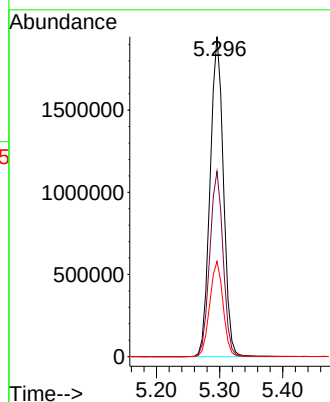
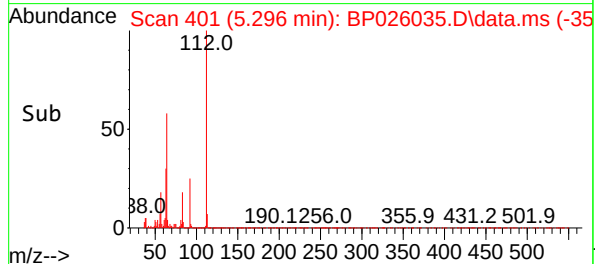
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 2853584
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 29.8 24.2 36.4

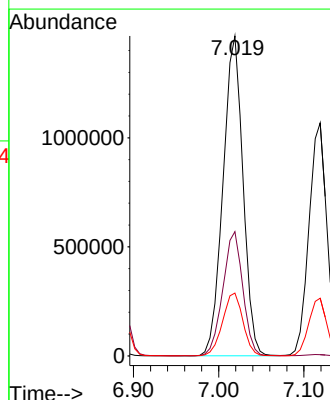
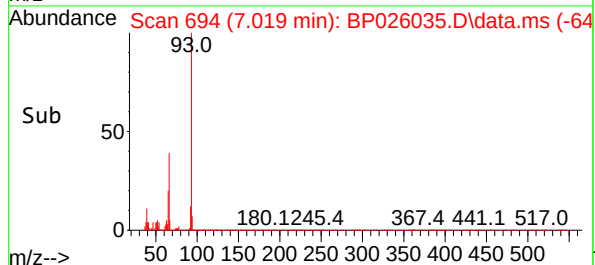
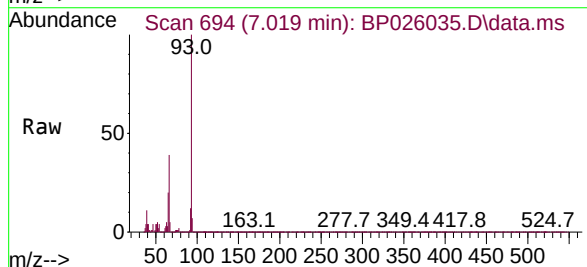
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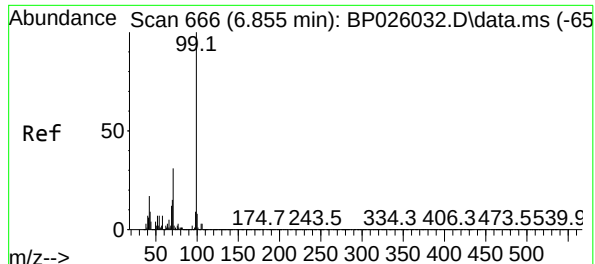
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 81.230 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

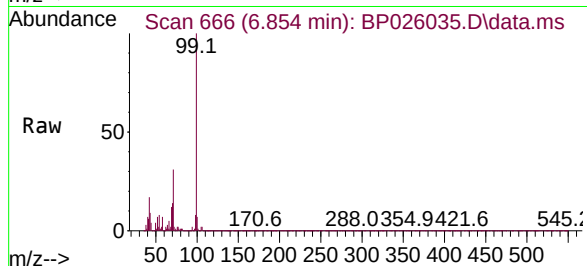
Tgt Ion: 93 Resp: 2386368
Ion Ratio Lower Upper
93 100
66 38.8 31.2 46.8
65 19.6 16.1 24.1





#7
Phenol-d6
Concen: 166.407 ng
RT: 6.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

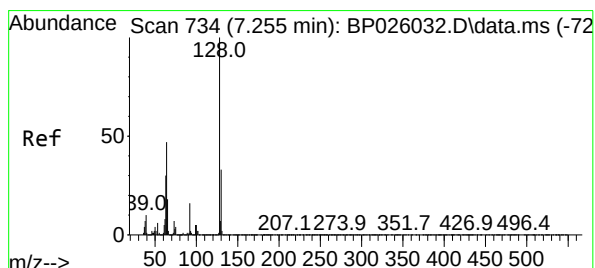
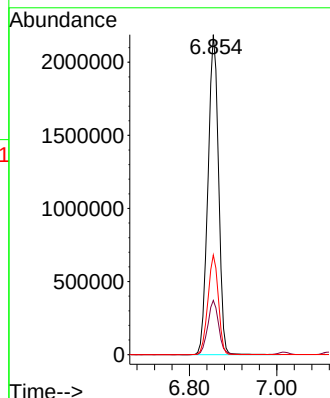
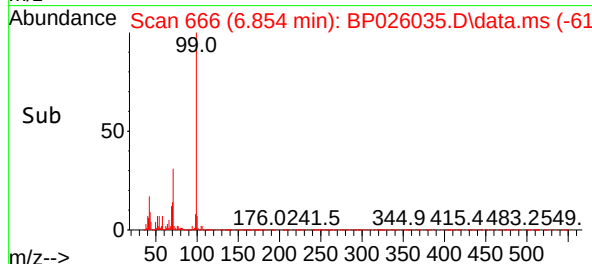
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 3663018
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 31.1 24.4 36.6

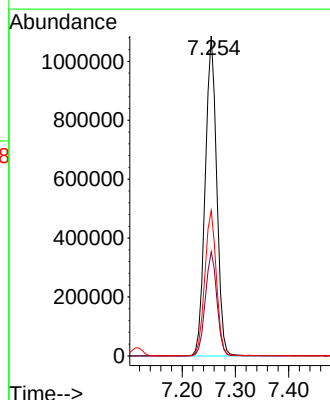
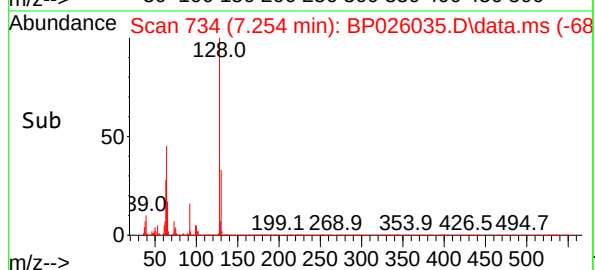
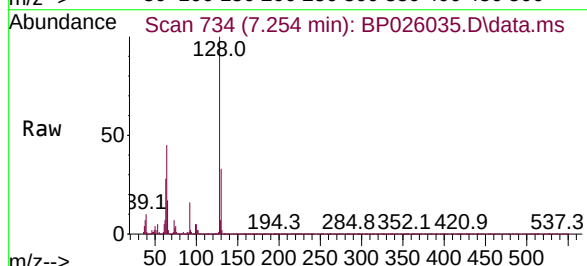
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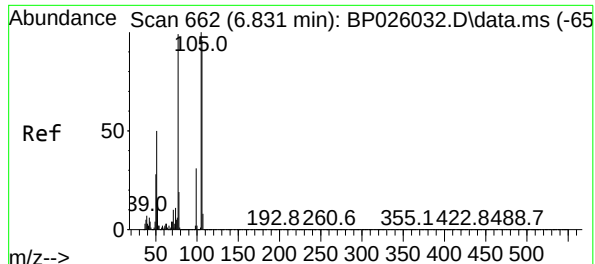
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 84.977 ng
RT: 7.254 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

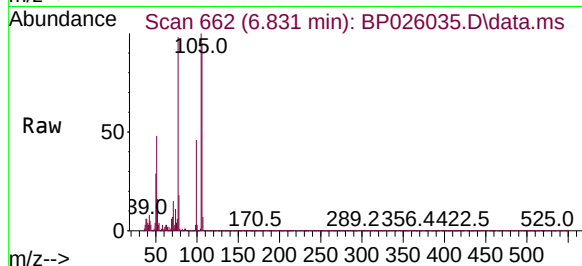
Tgt Ion:128 Resp: 1627396
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 45.4 27.4 67.4





#9
Benzaldehyde
Concen: 74.188 ng
RT: 6.831 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

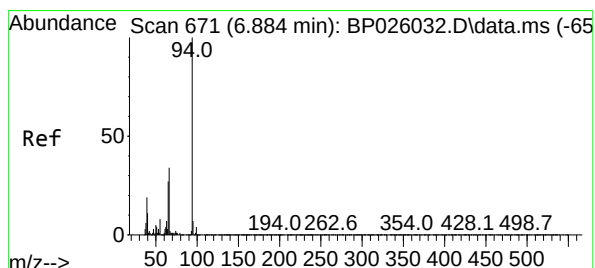
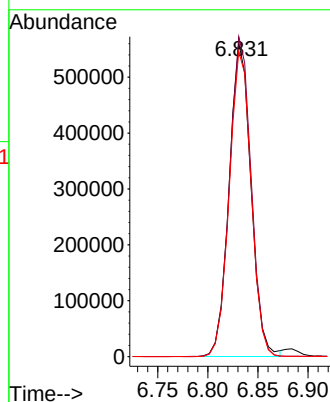
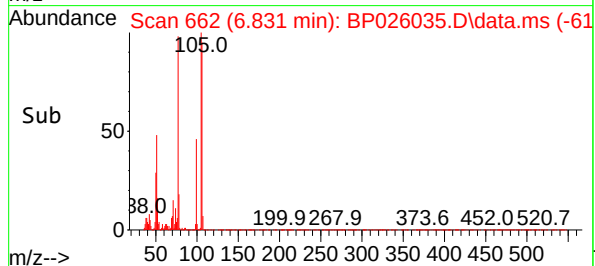
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 848919
Ion Ratio Lower Upper
77 100
105 102.0 80.7 120.7
106 97.3 76.5 116.5

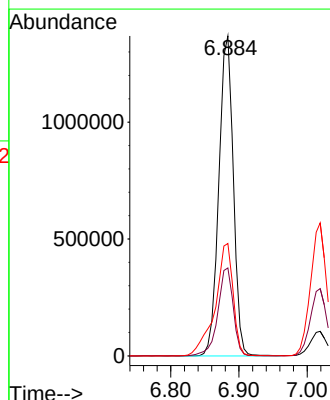
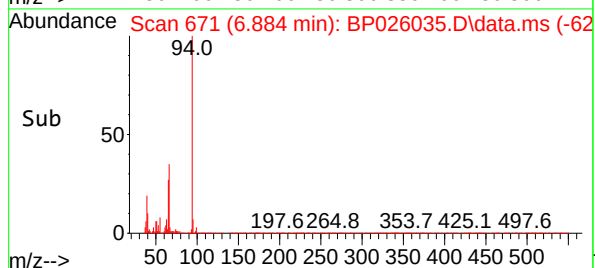
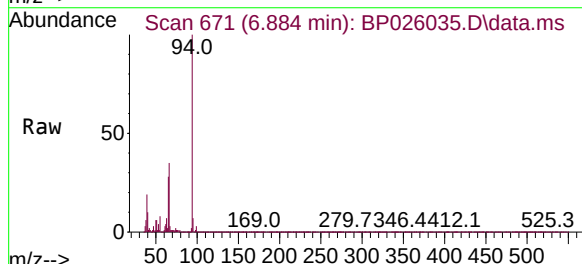
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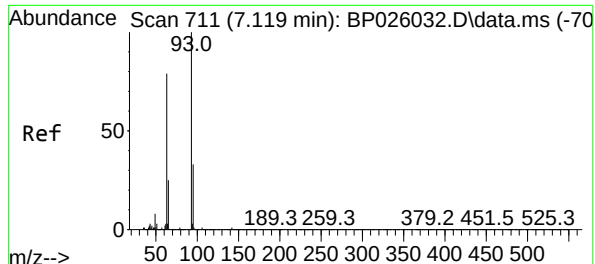
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 82.242 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 94 Resp: 2009800
Ion Ratio Lower Upper
94 100
65 27.5 7.1 47.1
66 35.1 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 80.659 ng

RT: 7.119 min Scan# 711

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 155556

Ion Ratio Lower Upper

93 100

63 78.7 59.1 99.1

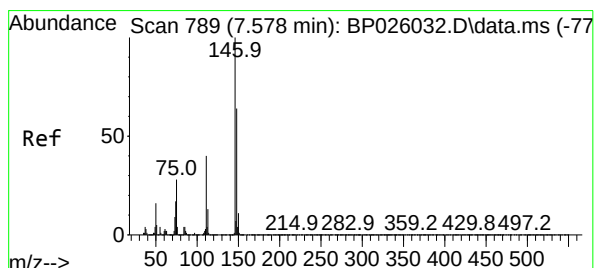
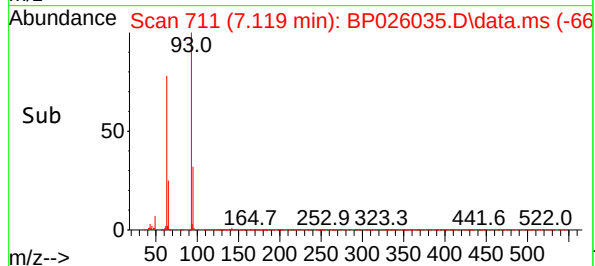
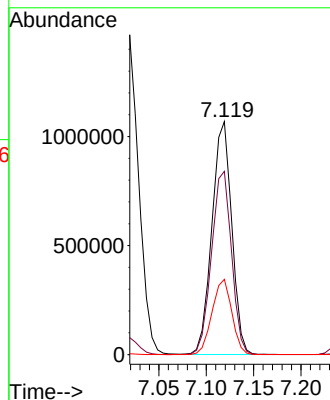
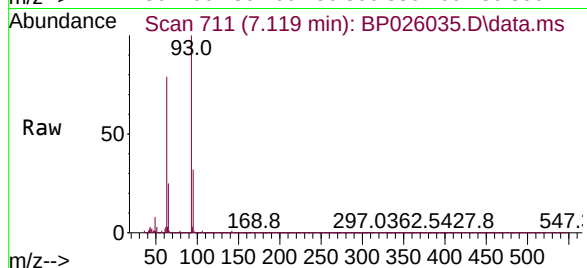
95 32.3 12.6 52.6

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Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 79.076 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

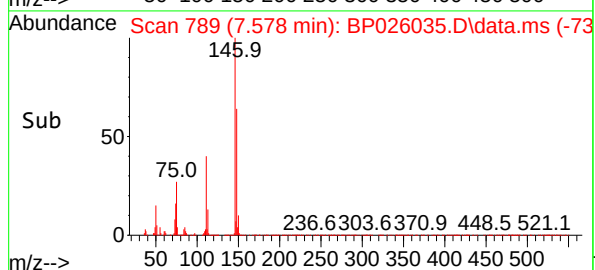
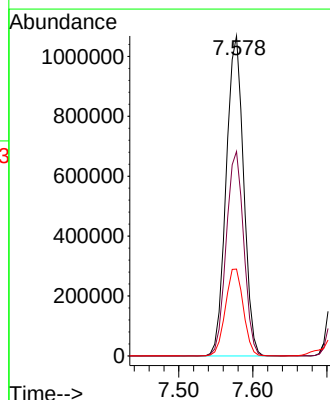
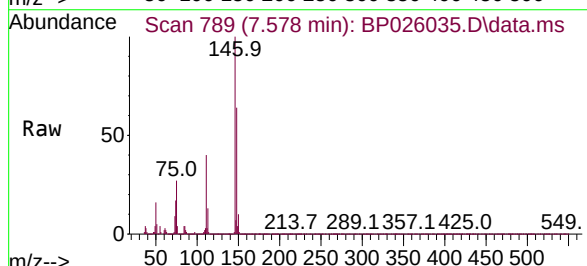
Tgt Ion:146 Resp: 1739151

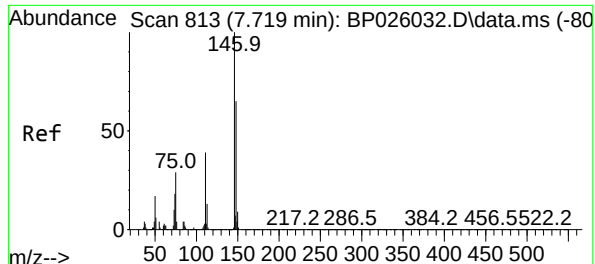
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 27.1 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 79.178 ng

RT: 7.725 min Scan# 813

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1760668

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

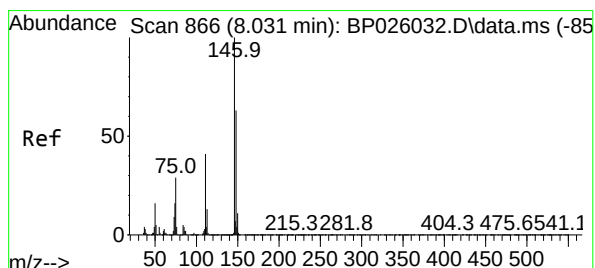
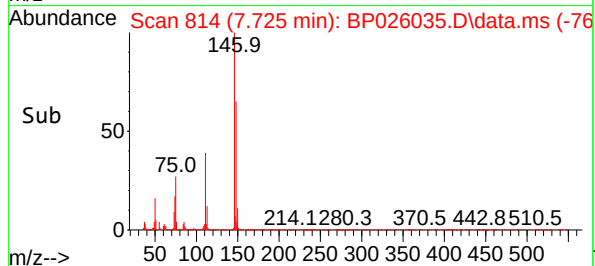
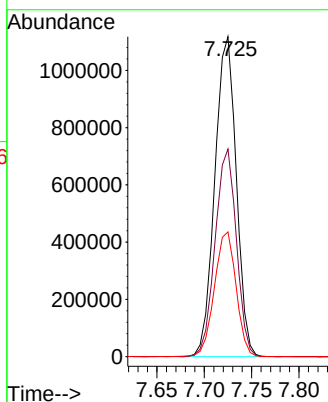
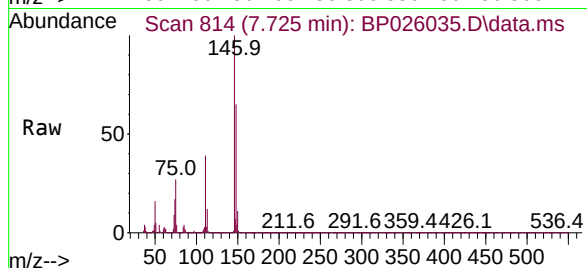
111 39.0 31.3 46.9

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 79.697 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

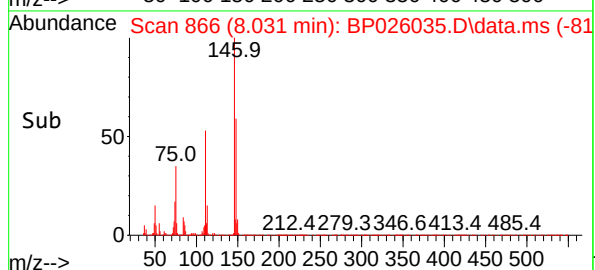
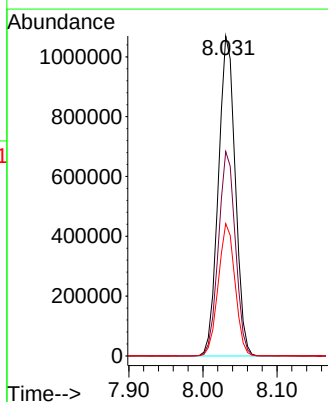
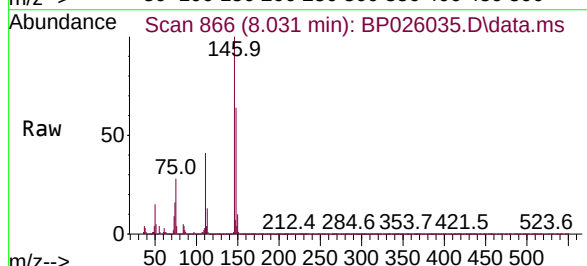
Tgt Ion:146 Resp: 1691085

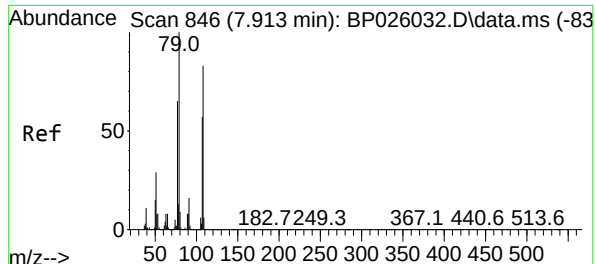
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 41.4 33.0 49.4





#15

Benzyl Alcohol

Concen: 83.801 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1329833

Ion Ratio Lower Upper

79 100

108 81.3 66.0 99.0

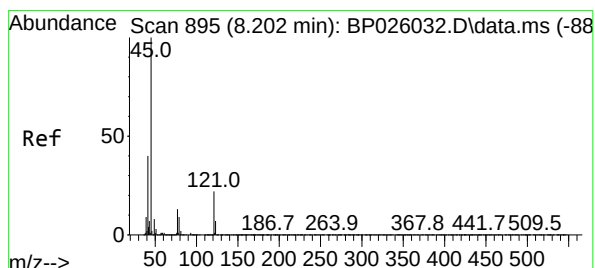
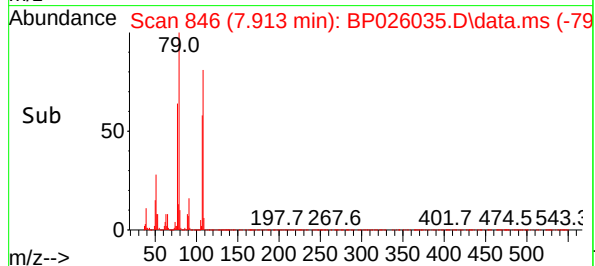
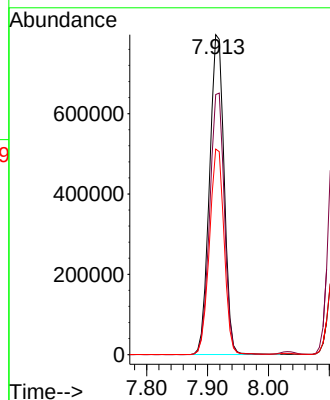
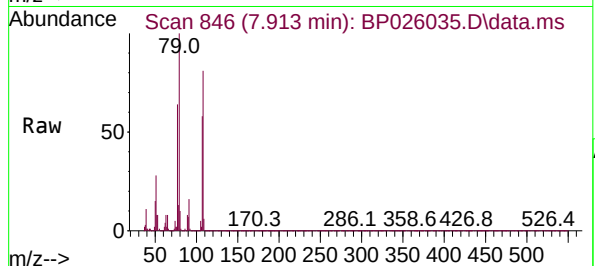
77 64.2 52.3 78.5

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Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.614 ng

RT: 8.201 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

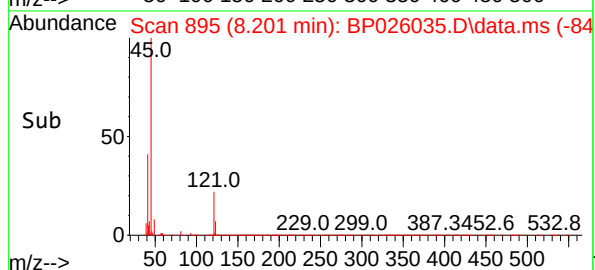
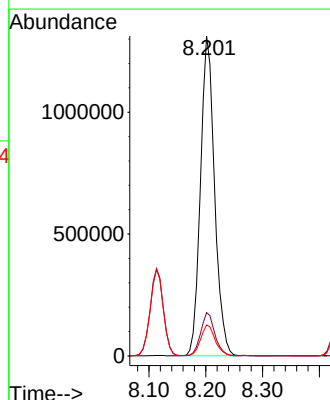
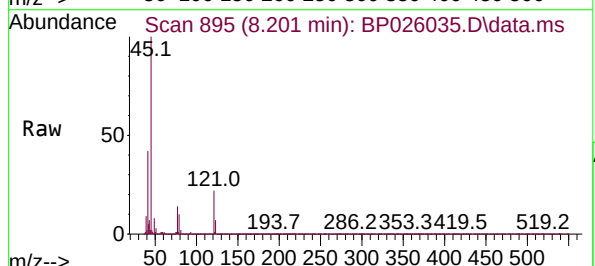
Tgt Ion: 45 Resp: 2262252

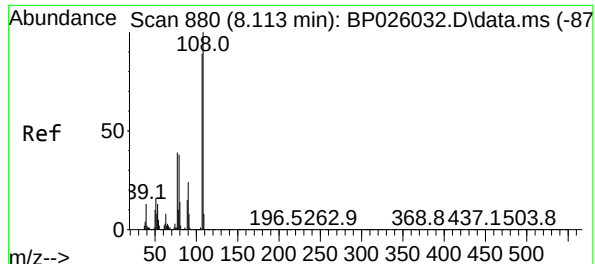
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

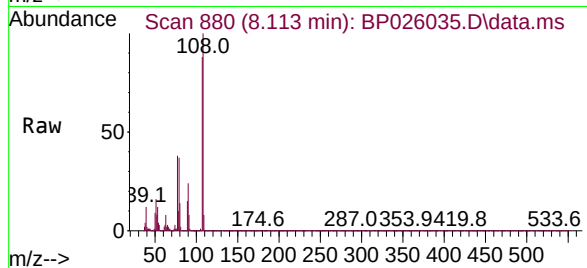
79 9.7 0.0 29.5





#17
2-Methylphenol
Concen: 83.922 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

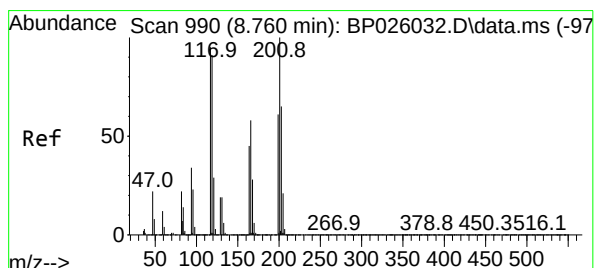
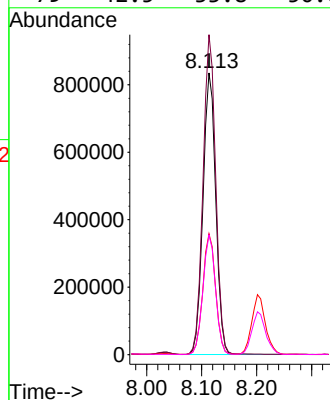
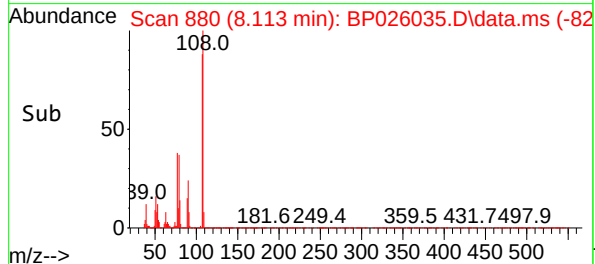
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1342933
Ion Ratio Lower Upper
107 100
108 113.6 89.8 134.8
77 42.9 34.8 52.2
79 42.5 33.8 50.6

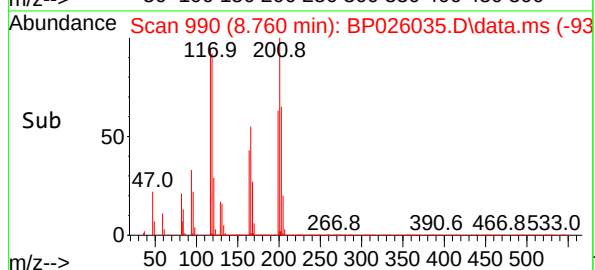
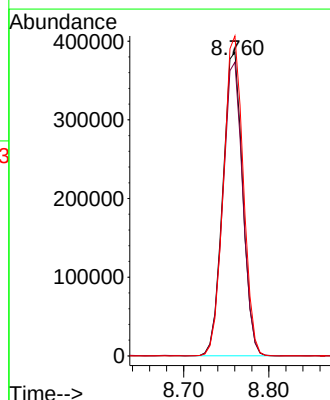
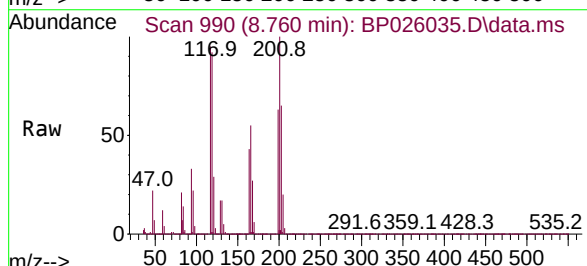
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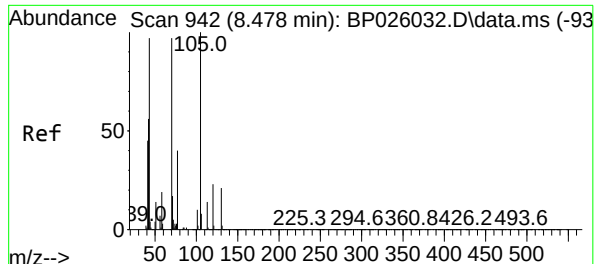
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 81.910 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:117 Resp: 623268
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
201 105.4 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 82.397 ng

RT: 8.490 min Scan# 94

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 112588

Ion Ratio Lower Upper

70 100

42 56.8 47.2 70.8

101 10.3 8.2 12.2

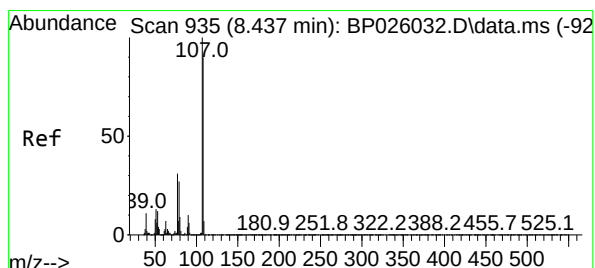
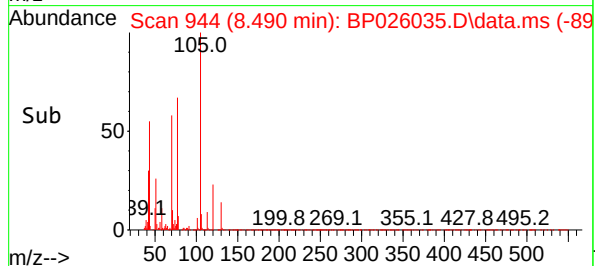
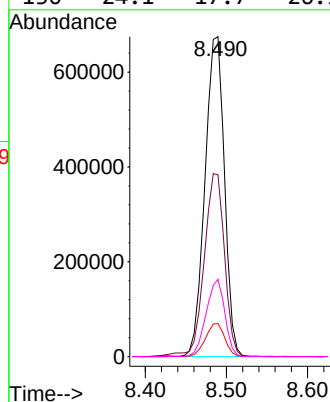
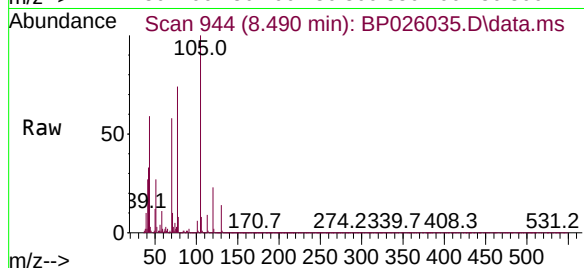
130 24.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 81.769 ng

RT: 8.443 min Scan# 936

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:107 Resp: 1820304

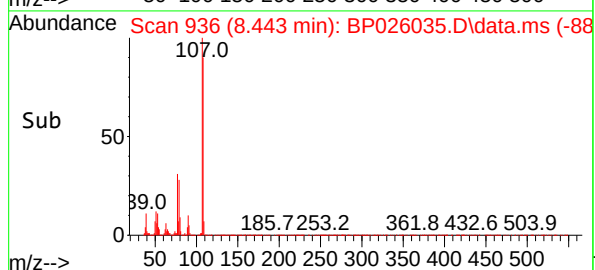
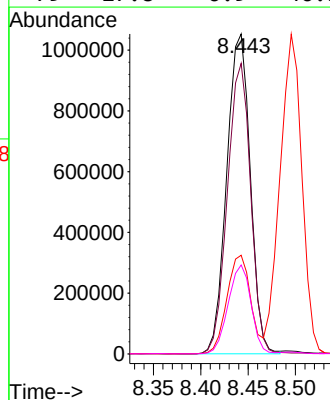
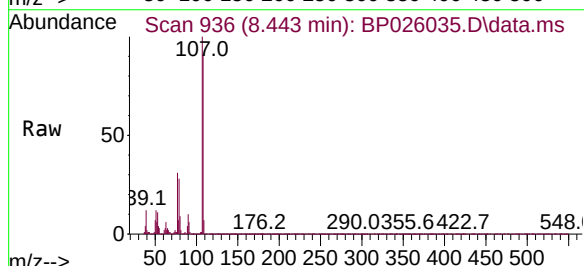
Ion Ratio Lower Upper

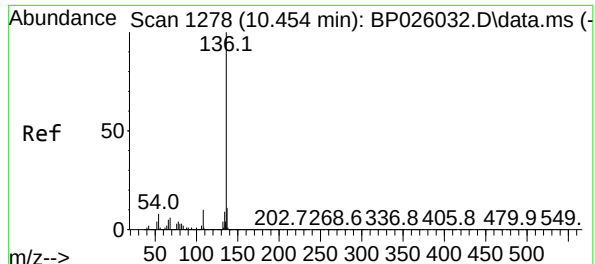
107 100

108 90.8 70.1 110.1

77 30.8 10.7 50.7

79 27.8 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 1176810

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 6.6 10.0

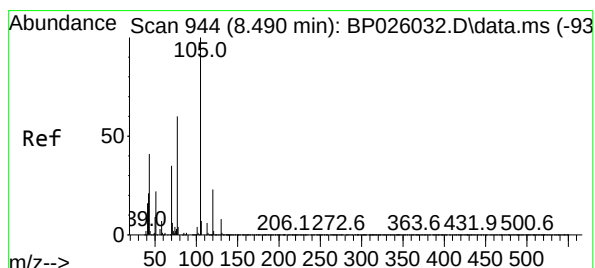
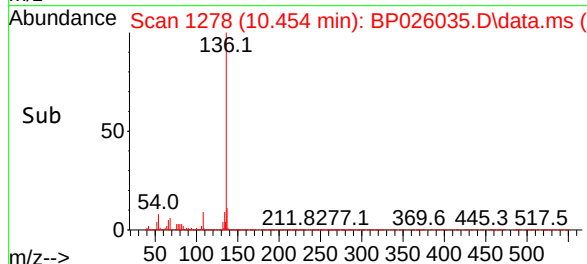
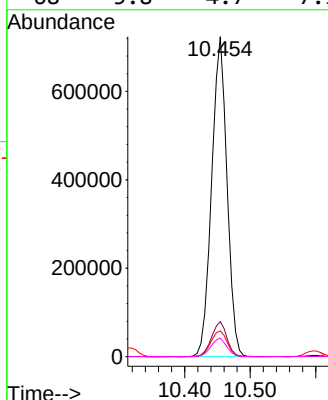
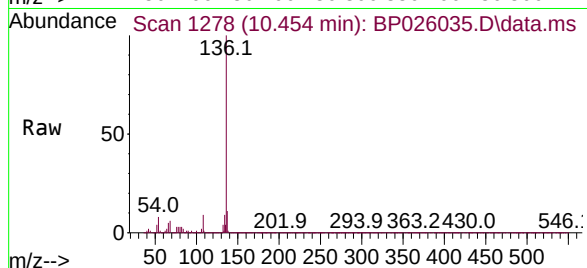
68 5.8 4.7 7.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 78.173 ng

RT: 8.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:105 Resp: 2326587

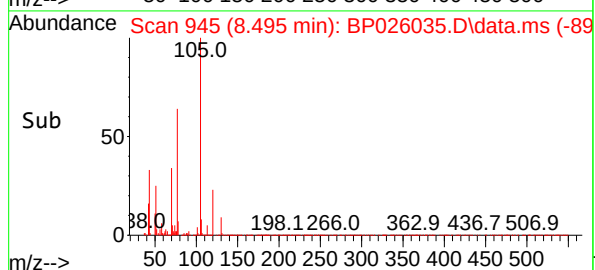
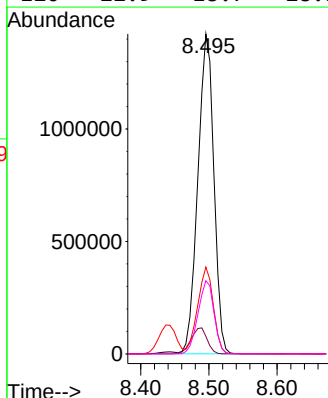
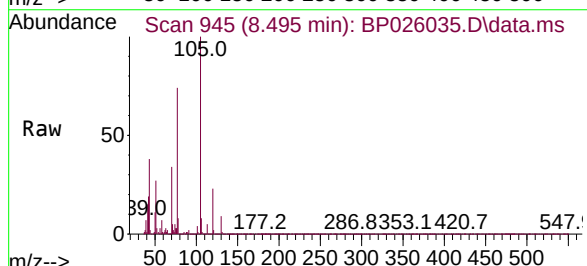
Ion Ratio Lower Upper

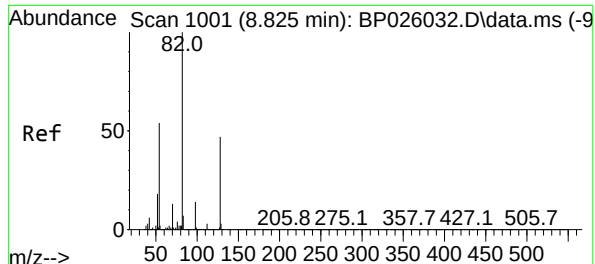
105 100

71 5.5 4.7 7.1

51 27.1 21.8 32.8

120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 170.878 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 3225718

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.0

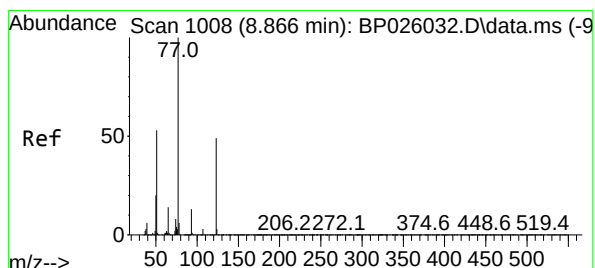
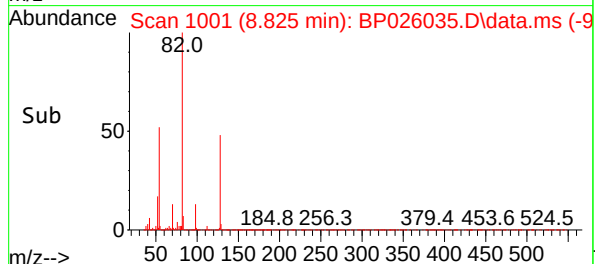
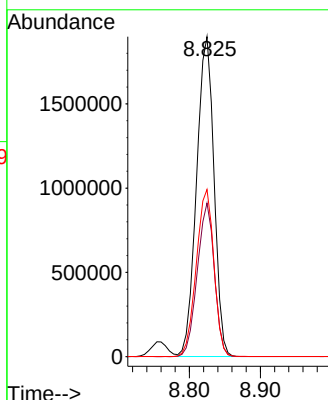
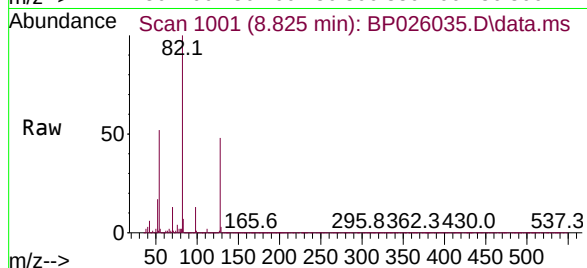
54 52.2 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 83.585 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

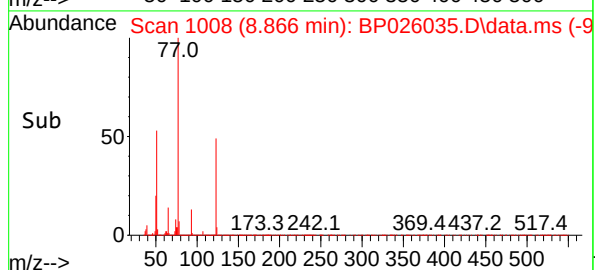
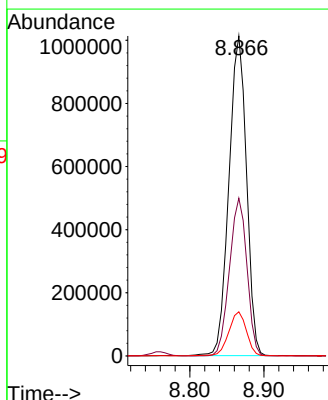
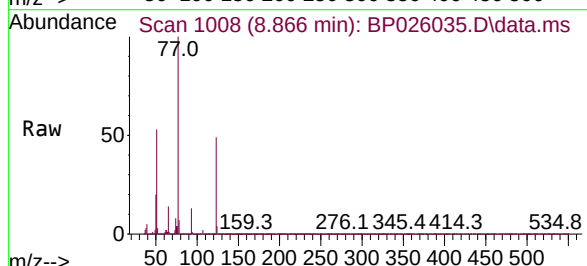
Tgt Ion: 77 Resp: 1665956

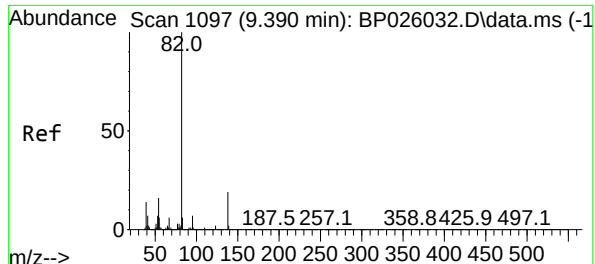
Ion Ratio Lower Upper

77 100

123 49.3 39.0 58.4

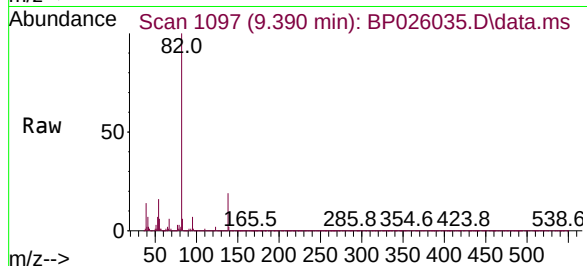
65 13.8 10.9 16.3





#25
Isophorone
Concen: 80.688 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

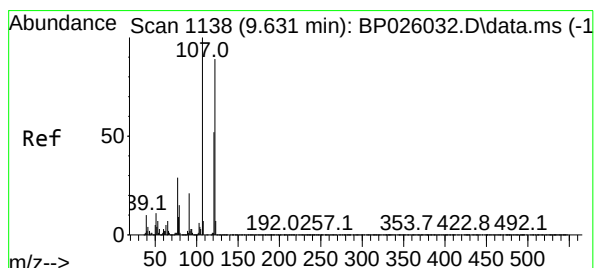
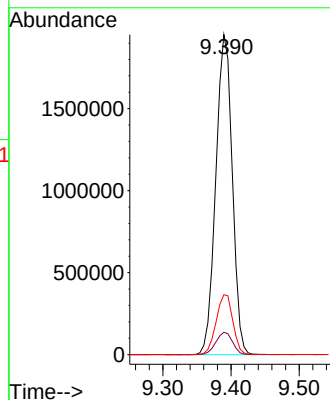
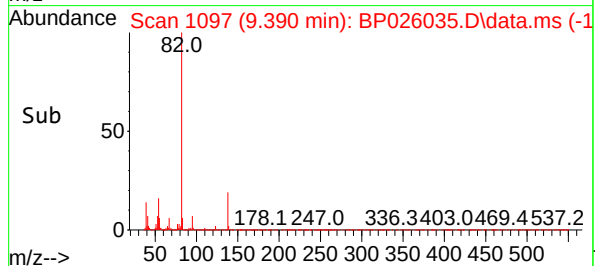
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 3260235
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.7 15.0 22.6

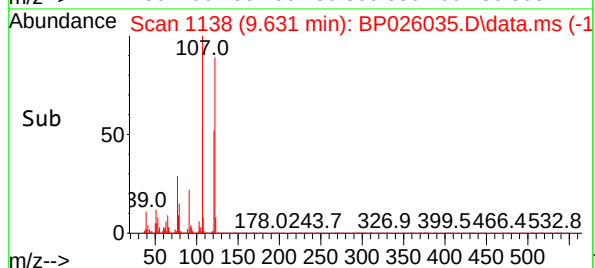
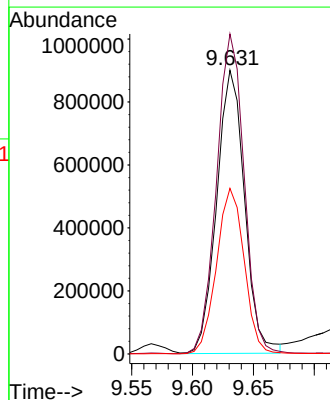
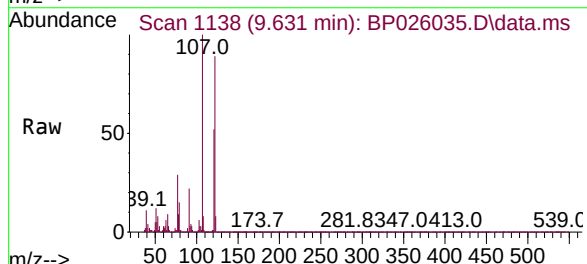
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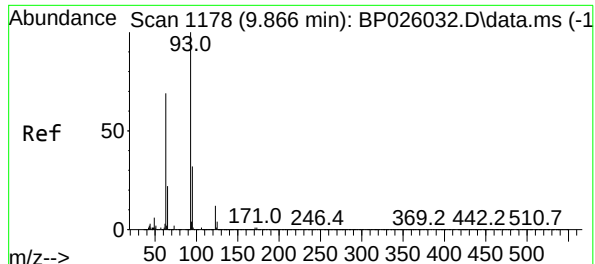
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#27
2,4-Dimethylphenol
Concen: 84.436 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:122 Resp: 1434677
Ion Ratio Lower Upper
122 100
107 112.8 89.2 133.8
121 58.4 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 78.950 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 2010418

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

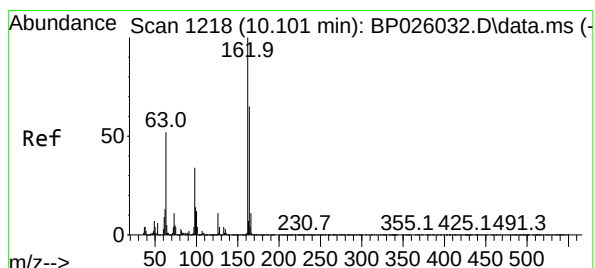
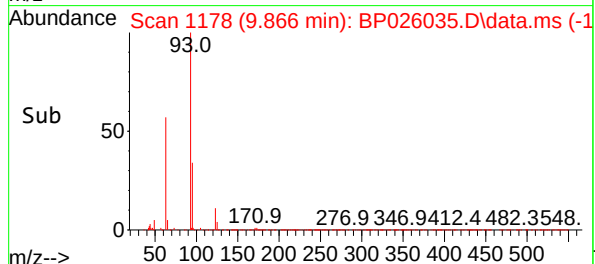
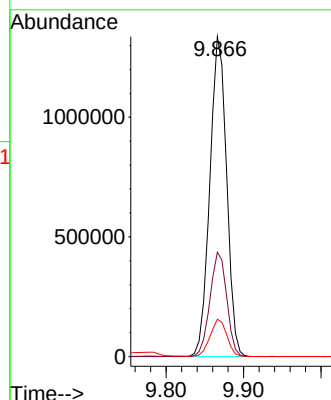
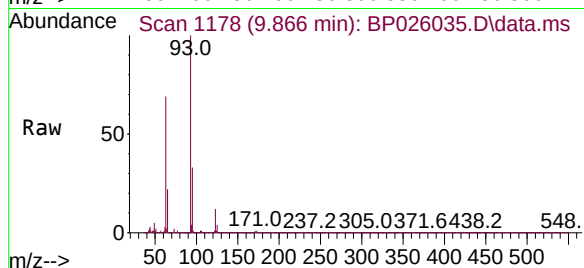
123 11.7 9.3 13.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#29

2,4-Dichlorophenol

Concen: 84.998 ng

RT: 10.095 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

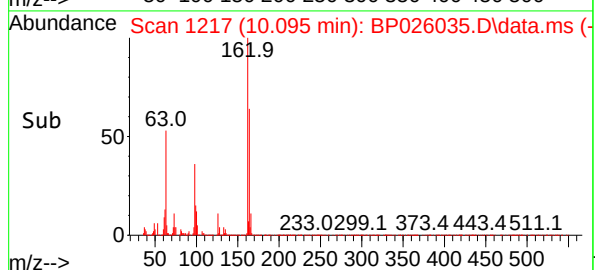
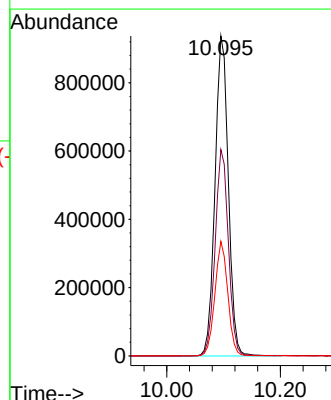
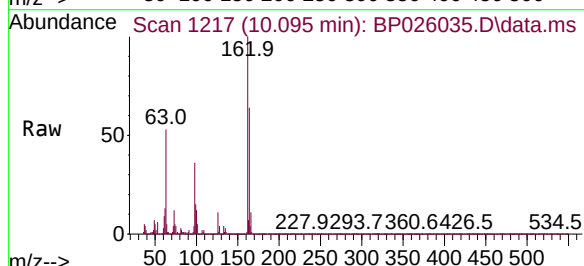
Tgt Ion:162 Resp: 1524906

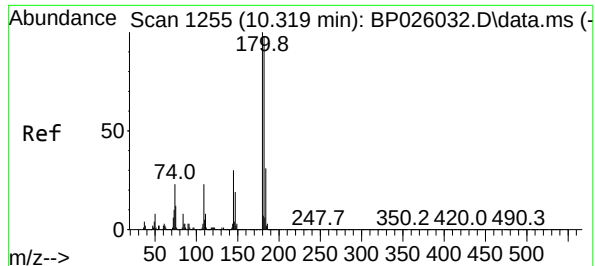
Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

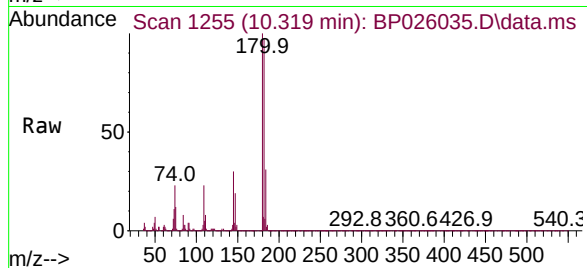
98 35.8 14.0 54.0





#30
1,2,4-Trichlorobenzene
Concen: 79.255 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

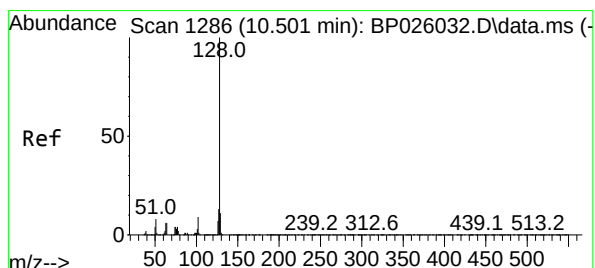
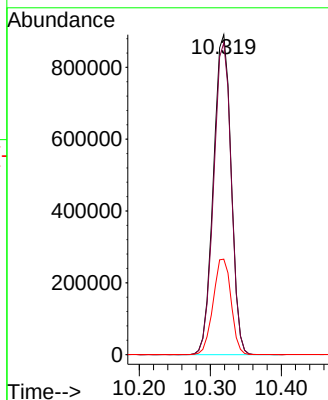
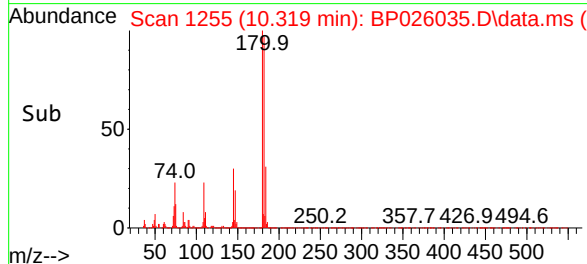
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 1545459
Ion Ratio Lower Upper
180 100
182 97.4 78.6 117.8
145 29.8 24.2 36.4

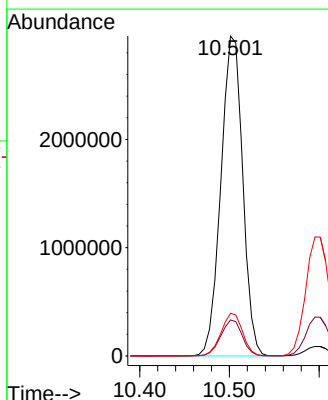
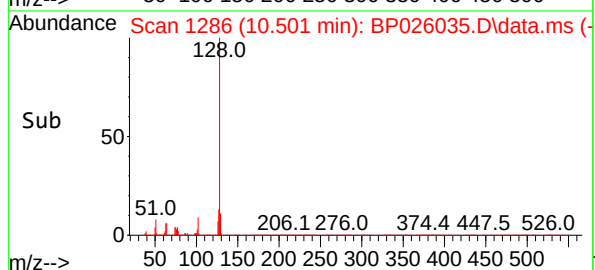
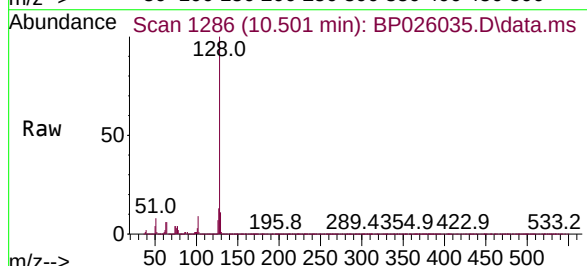
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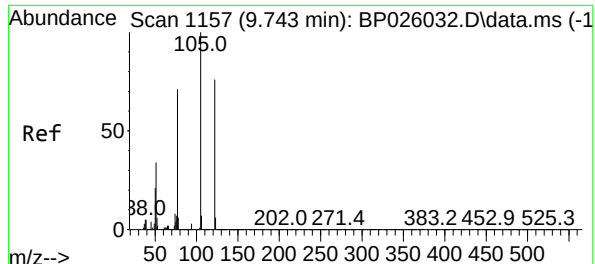
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#31
Naphthalene
Concen: 77.974 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:128 Resp: 5003853
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.5 15.7





#32

Benzoic acid

Concen: 79.140 ng

RT: 9.778 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 1000336

Ion Ratio Lower Upper

122 100

105 119.9 104.8 144.8

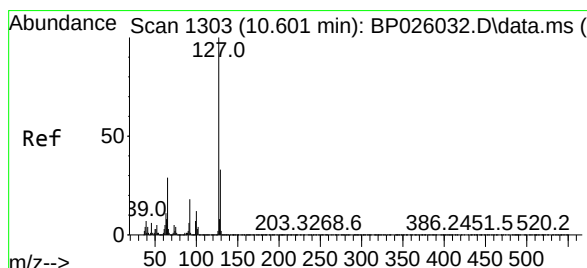
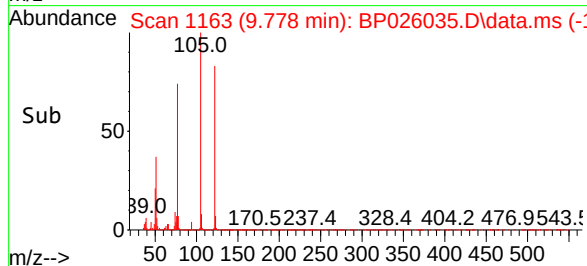
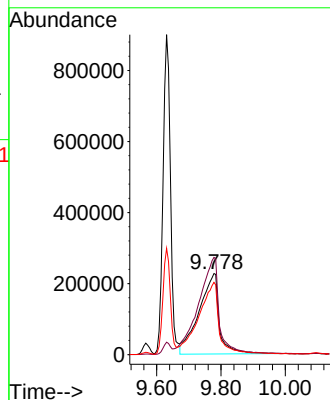
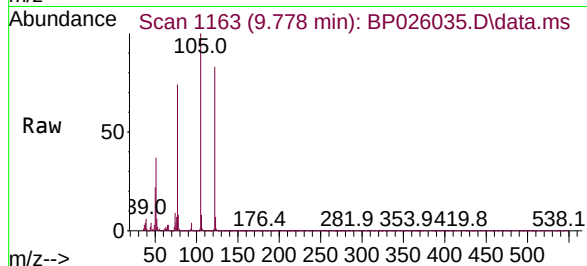
77 89.0 70.9 110.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#33

4-Chloroaniline

Concen: 81.448 ng

RT: 10.595 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:127 Resp: 2008519

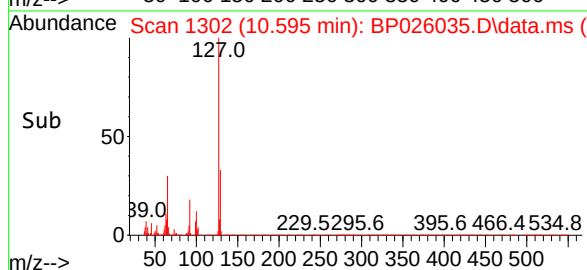
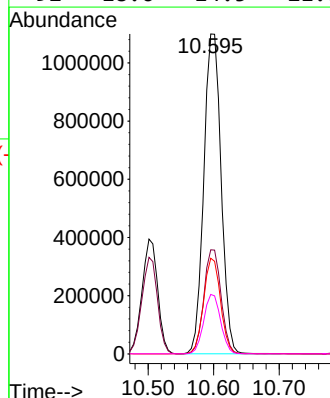
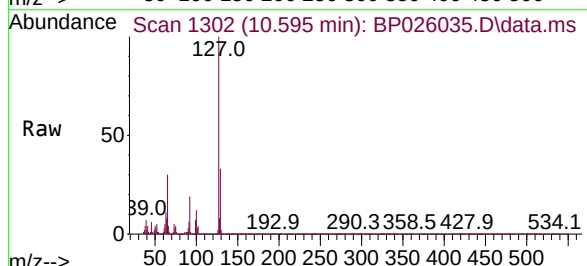
Ion Ratio Lower Upper

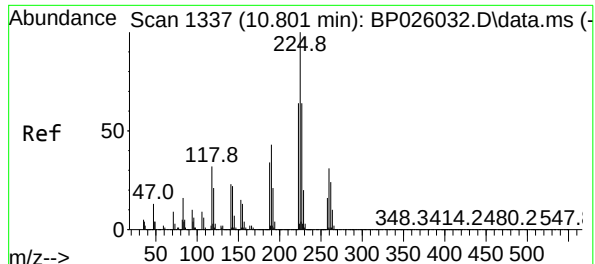
127 100

129 32.5 26.0 39.0

65 29.9 23.2 34.8

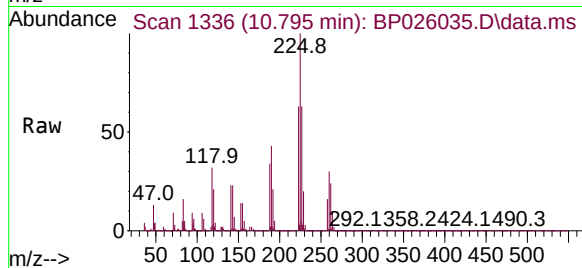
92 18.6 14.5 21.7





#34
Hexachlorobutadiene
Concen: 78.780 ng
RT: 10.795 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

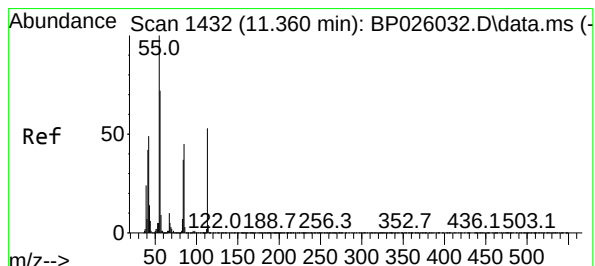
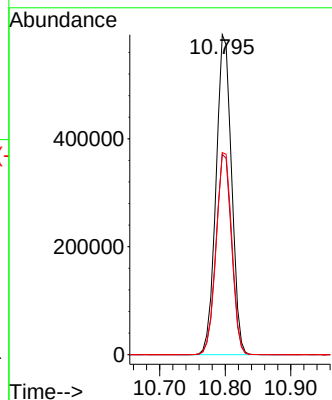
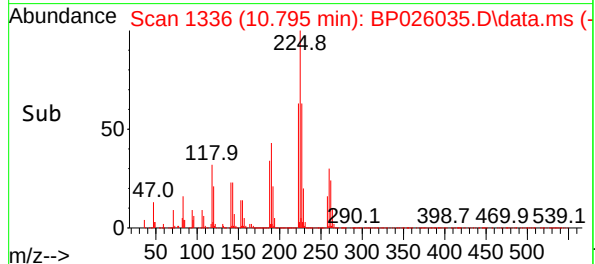
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 976216
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 63.1 51.0 76.4

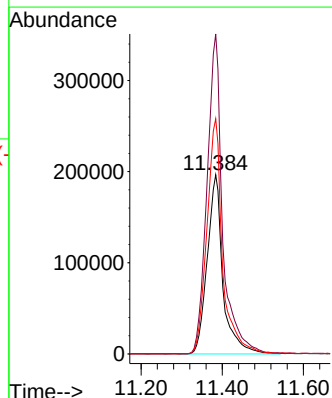
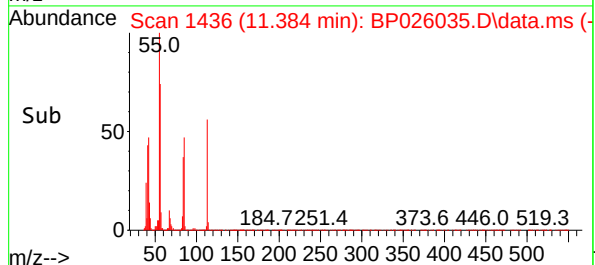
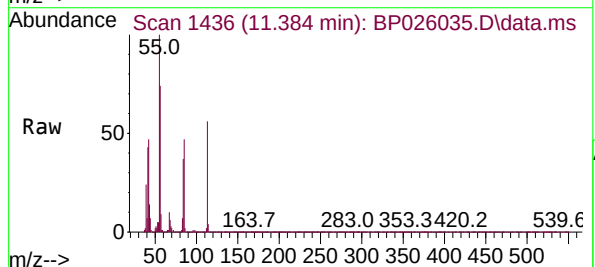
Manual Integrations
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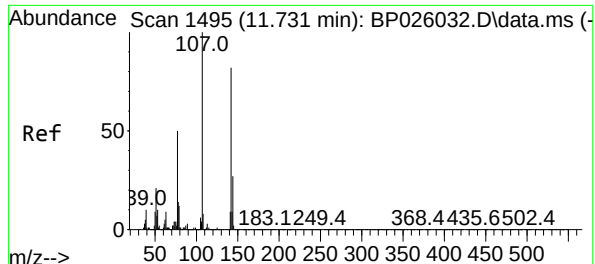
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#35
Caprolactam
Concen: 83.619 ng
RT: 11.384 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

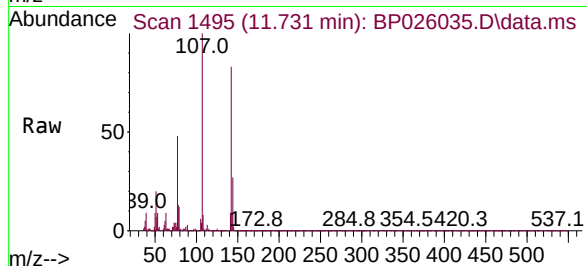
Tgt Ion:113 Resp: 526808
Ion Ratio Lower Upper
113 100
55 178.6 169.9 209.9
56 131.3 116.7 156.7





#36
4-Chloro-3-methylphenol
Concen: 84.393 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

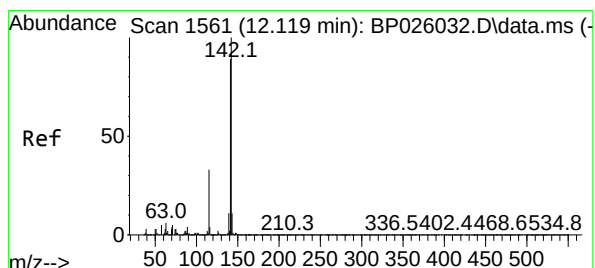
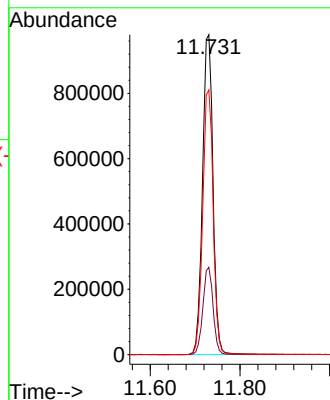
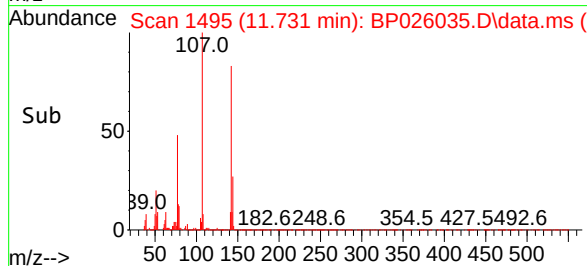
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 158717
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 82.7 65.2 97.8

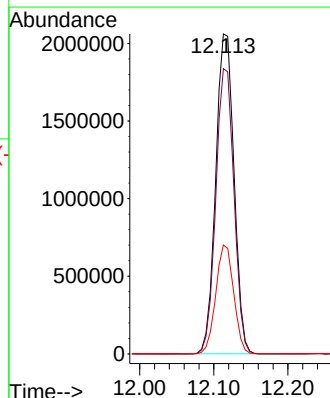
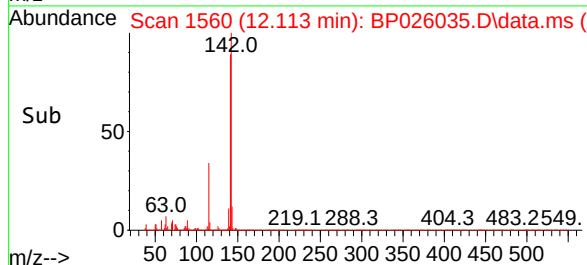
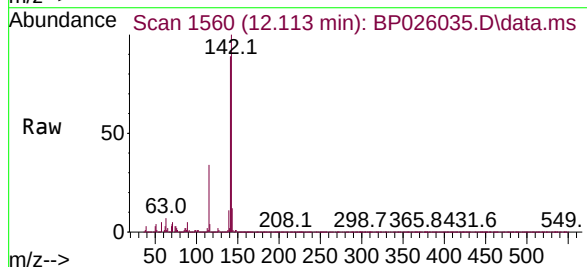
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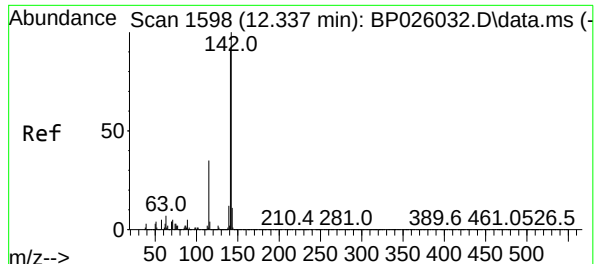
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#37
2-Methylnaphthalene
Concen: 78.637 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:142 Resp: 3532026
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4
115 34.0 26.6 39.8





#38

1-Methylnaphthalene

Concen: 78.306 ng

RT: 12.336 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 3416923

Ion Ratio Lower Upper

142 100

141 91.9 72.7 109.1

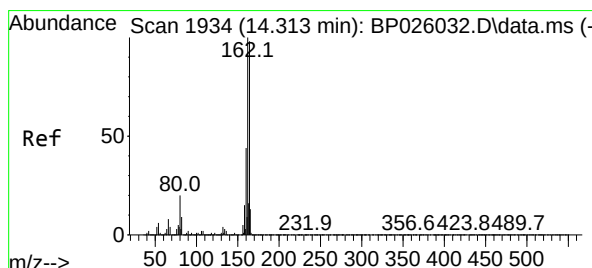
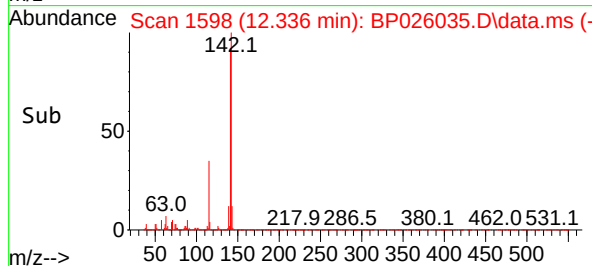
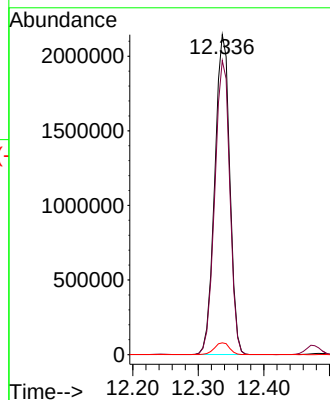
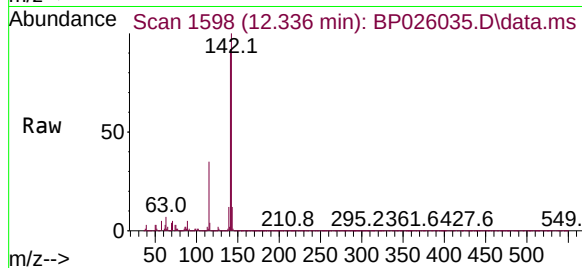
116 3.7 2.9 4.3

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

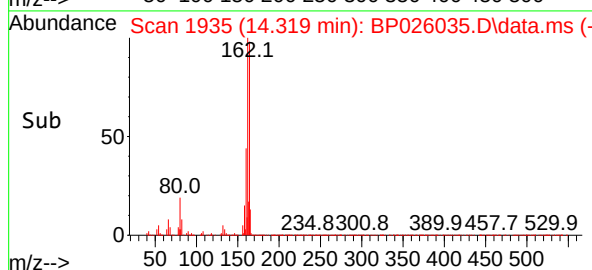
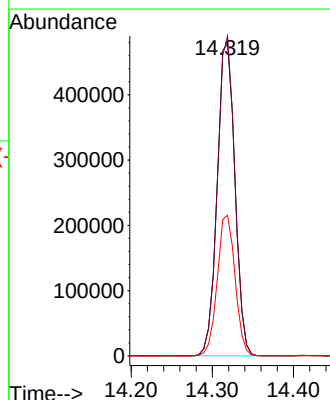
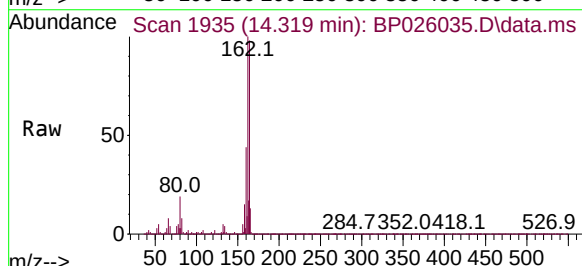
Tgt Ion:164 Resp: 727864

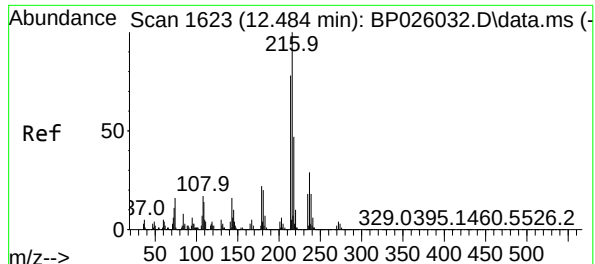
Ion Ratio Lower Upper

164 100

162 102.5 81.5 122.3

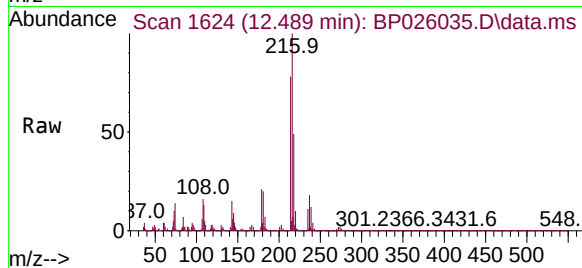
160 45.0 36.2 54.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.720 ng
RT: 12.489 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

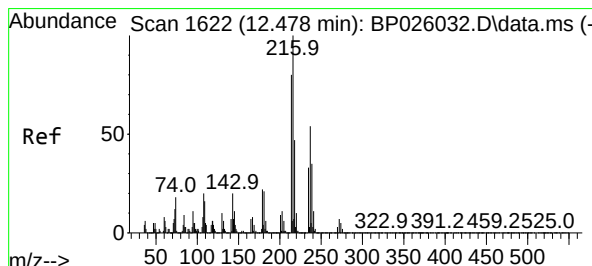
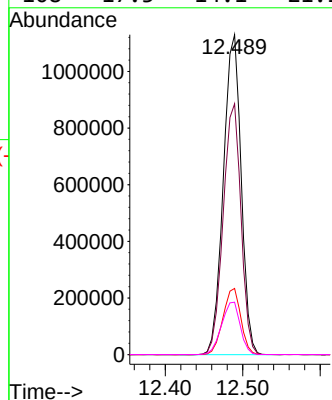
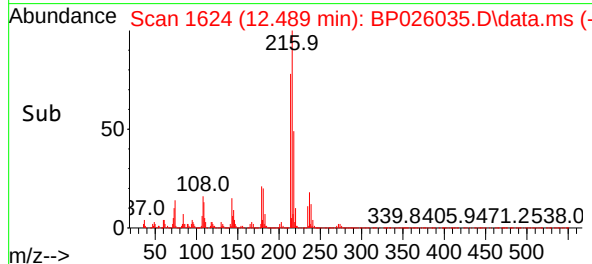
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:216 Resp: 1802921
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 20.8 16.9 25.3
108 17.3 14.1 21.1

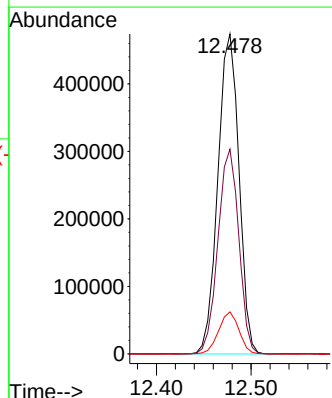
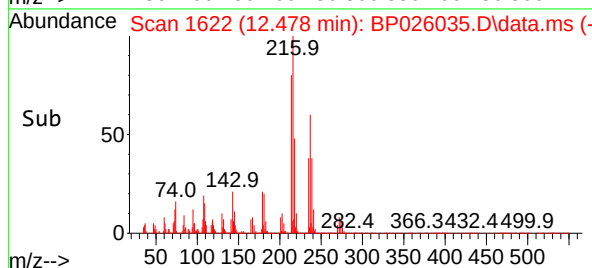
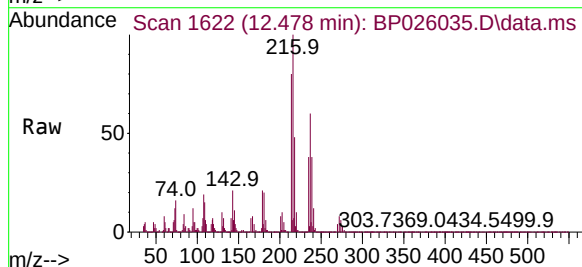
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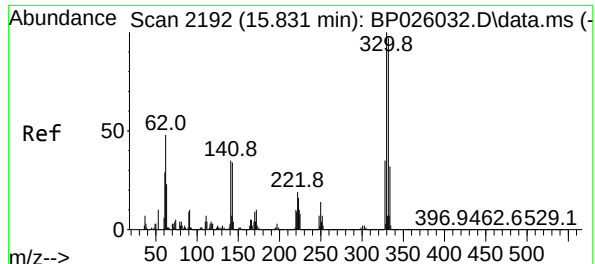
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#41
Hexachlorocyclopentadiene
Concen: 88.474 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:237 Resp: 732085
Ion Ratio Lower Upper
237 100
235 64.0 40.4 80.4
272 13.1 0.0 32.2





#42

2,4,6-Tribromophenol

Concen: 172.904 ng

RT: 15.830 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:330 Resp: 1360572

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

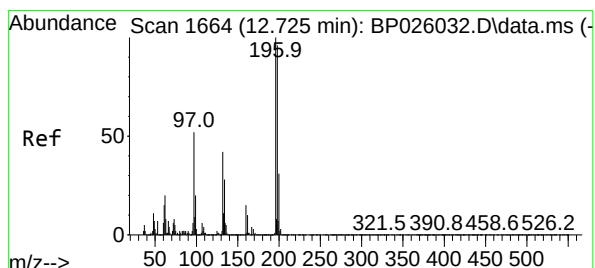
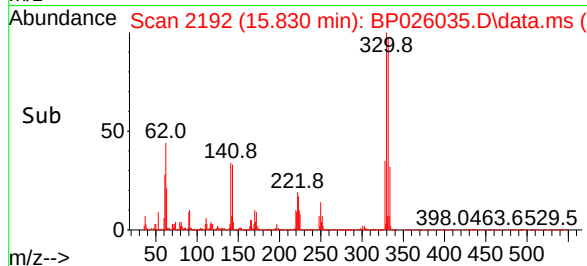
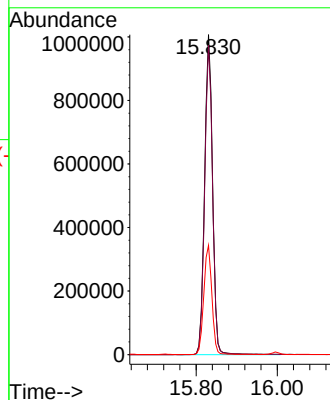
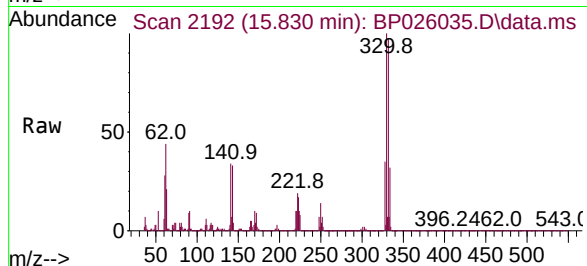
141 34.7 28.6 42.8

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#43

2,4,6-Trichlorophenol

Concen: 89.908 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

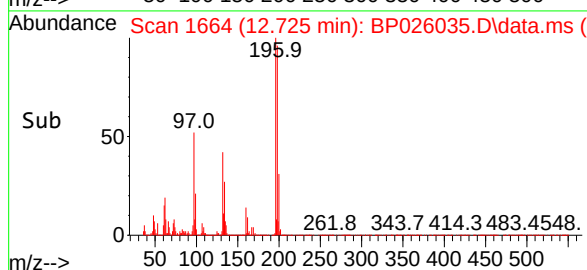
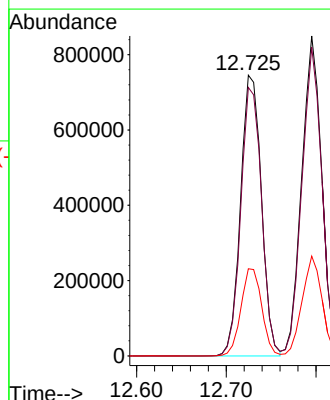
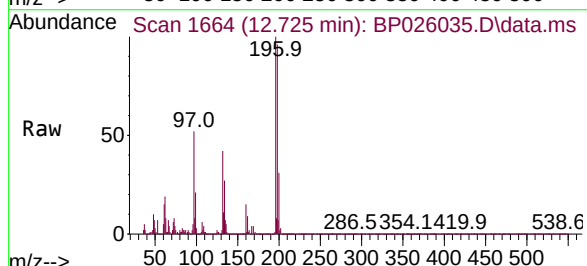
Tgt Ion:196 Resp: 1201855

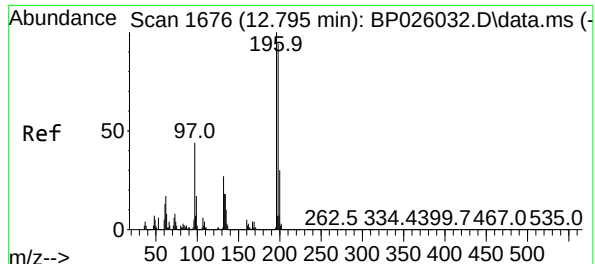
Ion Ratio Lower Upper

196 100

198 95.6 76.5 114.7

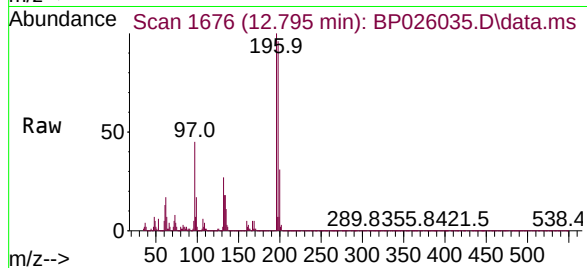
200 31.1 24.4 36.6





#44
2,4,5-Trichlorophenol
Concen: 87.017 ng
RT: 12.795 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

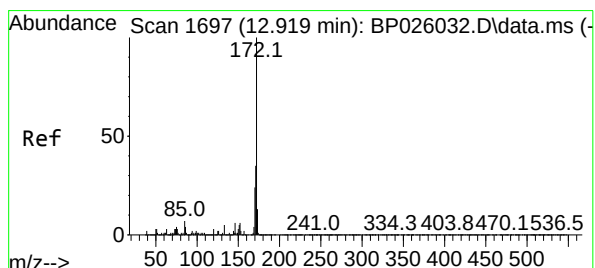
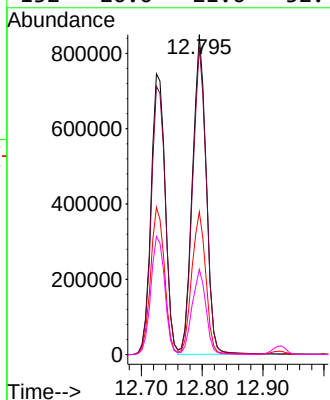
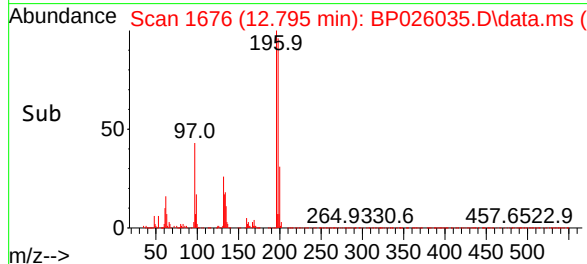
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:196 Resp: 1327296
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
97 44.6 35.5 53.3
132 26.6 21.6 32.4

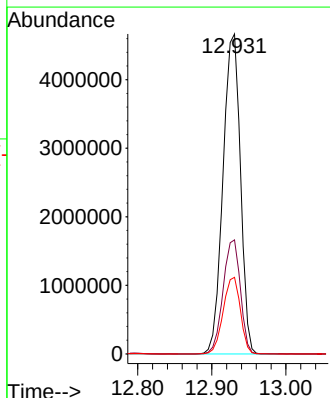
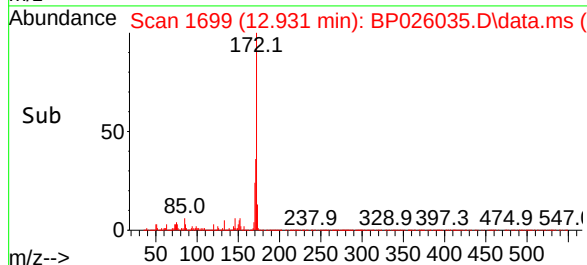
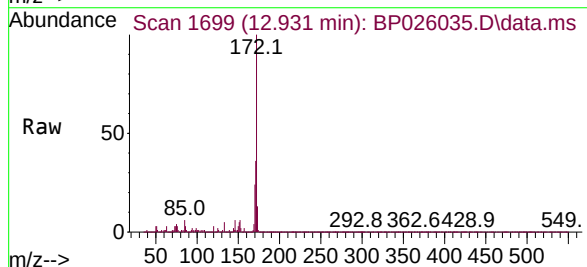
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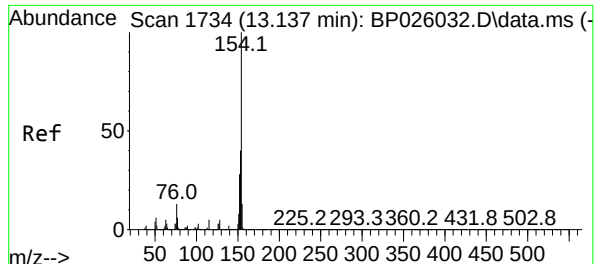
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#45
2-Fluorobiphenyl
Concen: 150.244 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:172 Resp: 7610514
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.9 19.0 28.4





#46

1,1'-Biphenyl

Concen: 77.997 ng

RT: 13.136 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 434701

Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

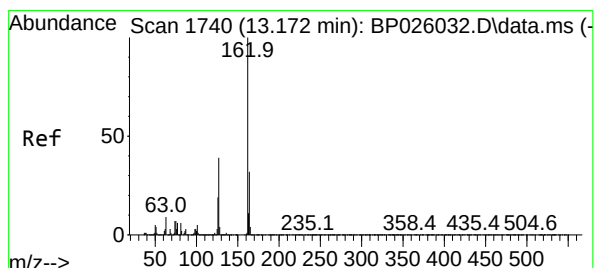
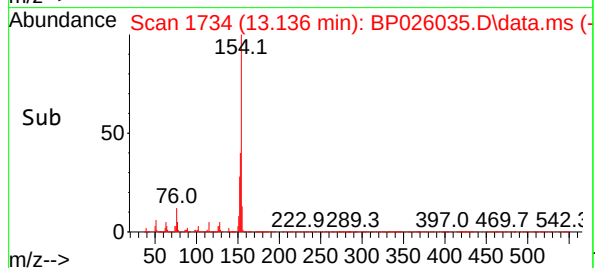
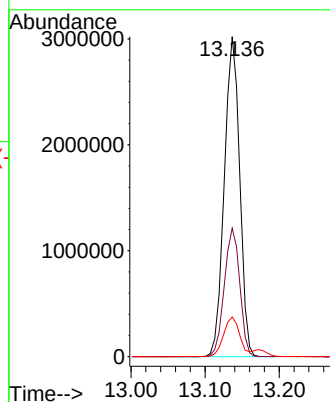
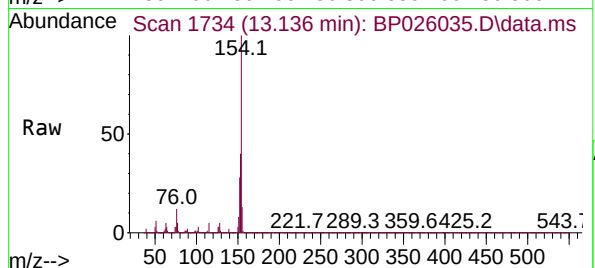
76 12.4 0.0 32.8

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#47

2-Chloronaphthalene

Concen: 78.326 ng

RT: 13.172 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

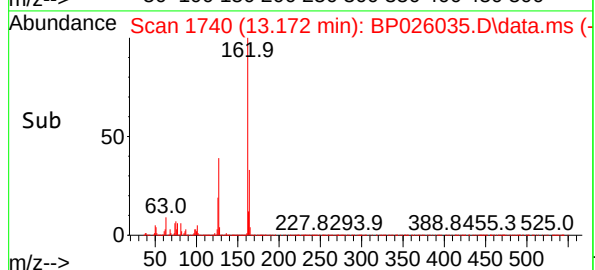
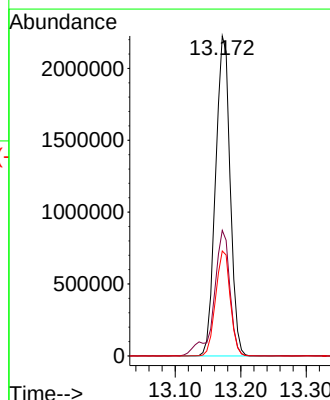
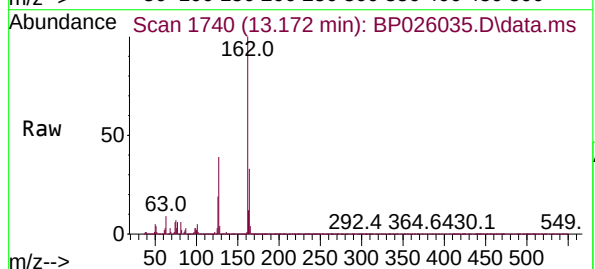
Tgt Ion:162 Resp: 3434628

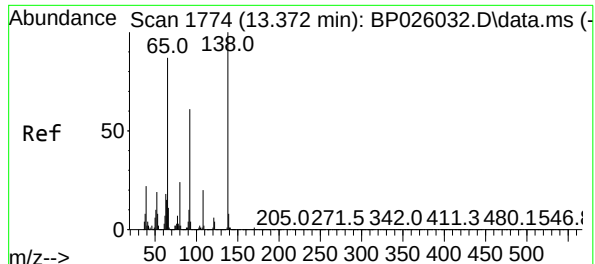
Ion Ratio Lower Upper

162 100

127 39.2 31.4 47.2

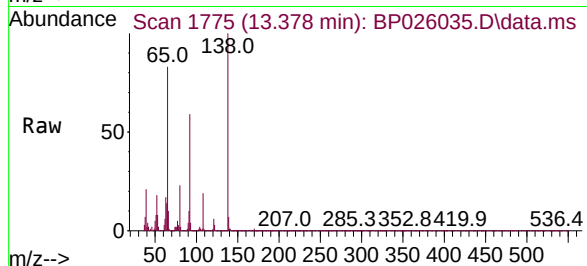
164 32.8 25.9 38.9





#48
2-Nitroaniline
Concen: 84.358 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

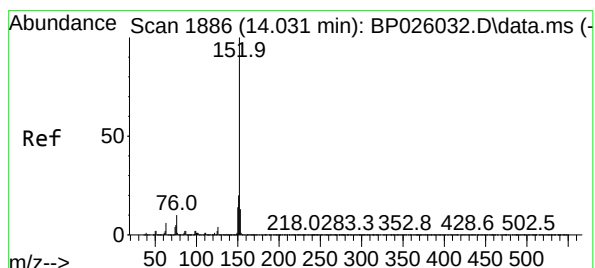
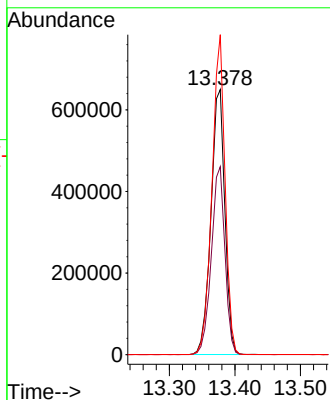
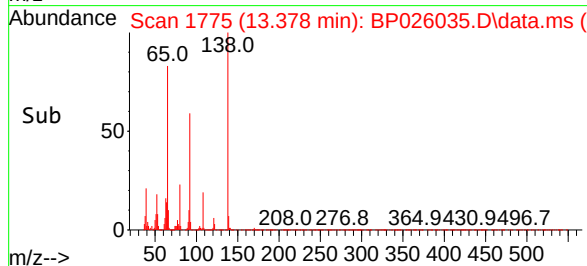
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 65 Resp: 958497
Ion Ratio Lower Upper
65 100
92 70.9 55.5 83.3
138 120.8 91.7 137.5

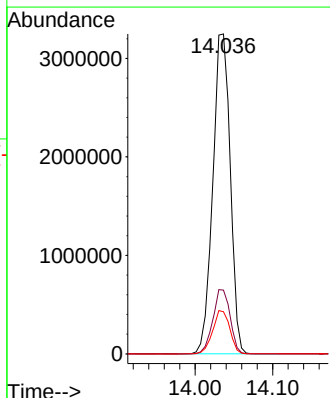
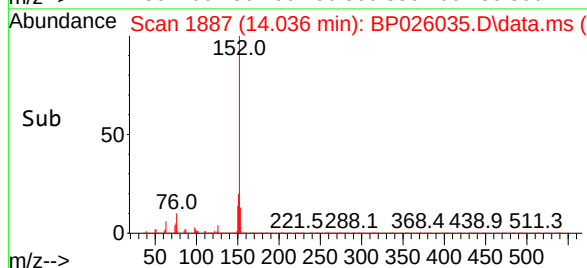
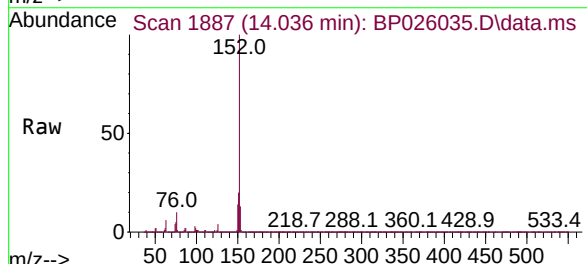
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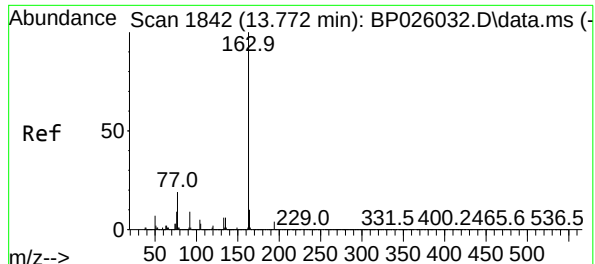
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#49
Acenaphthylene
Concen: 79.376 ng
RT: 14.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

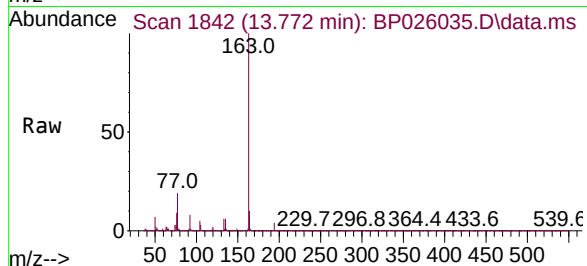
Tgt Ion:152 Resp: 5073069
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0





#50
Dimethylphthalate
Concen: 79.090 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

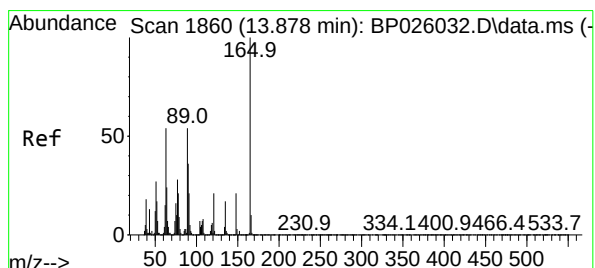
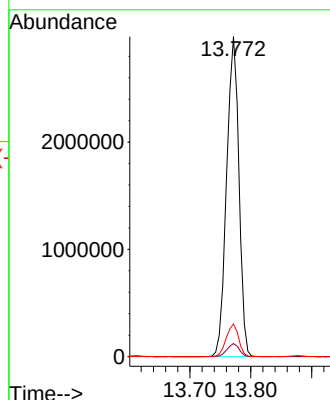
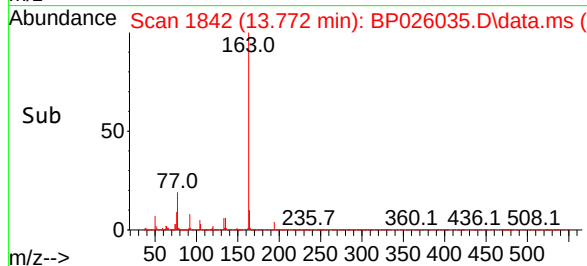
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:163 Resp: 4187309
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.2

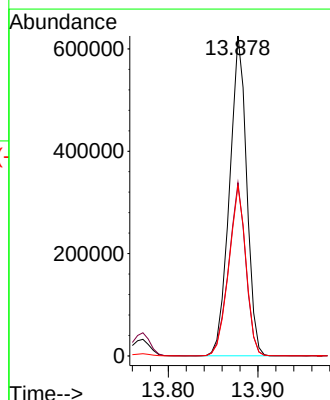
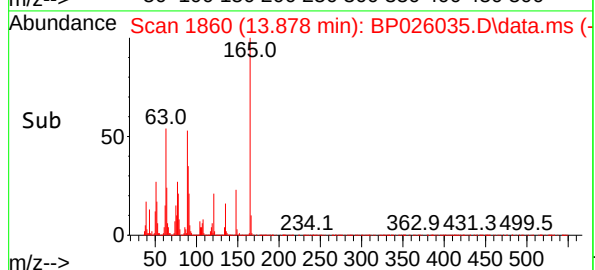
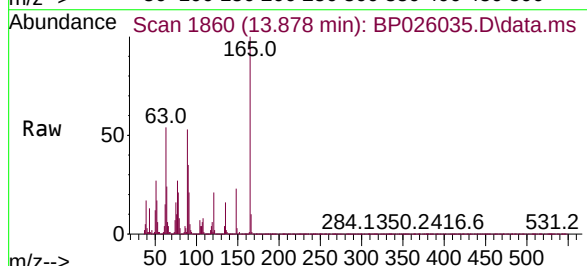
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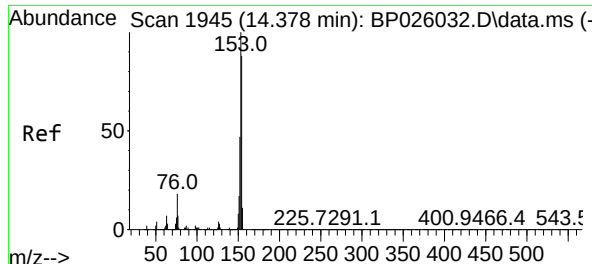
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#51
2,6-Dinitrotoluene
Concen: 83.478 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

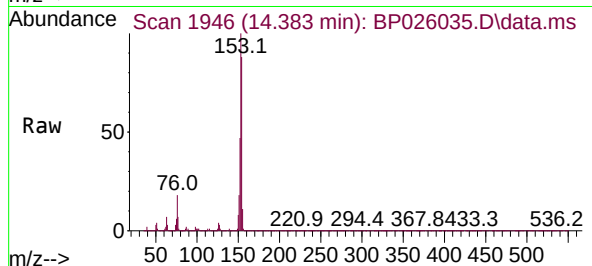
Tgt Ion:165 Resp: 834638
Ion Ratio Lower Upper
165 100
63 54.1 43.0 64.4
89 53.0 43.0 64.4





#52
Acenaphthene
Concen: 79.085 ng
RT: 14.383 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

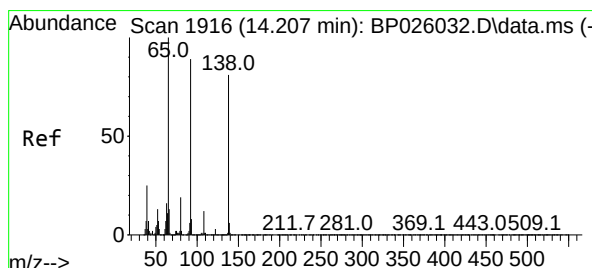
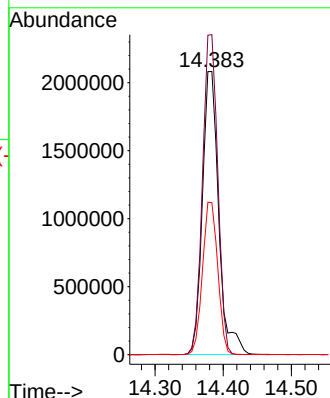
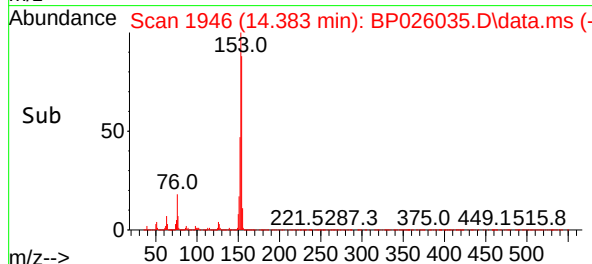
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 3469946
Ion Ratio Lower Upper
154 100
153 113.0 91.0 136.4
152 53.7 42.7 64.1

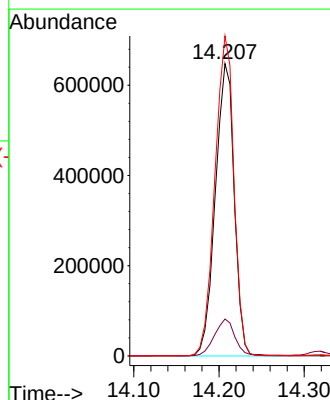
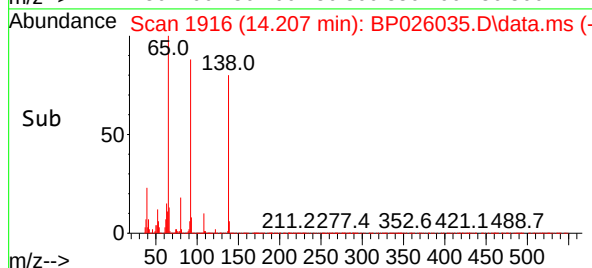
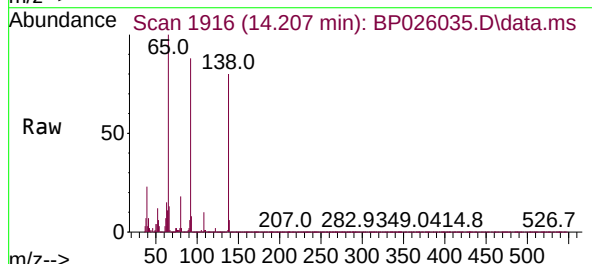
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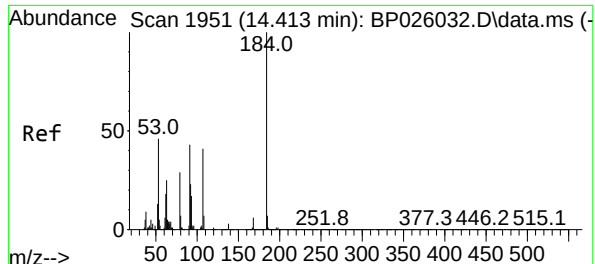
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#53
3-Nitroaniline
Concen: 81.547 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

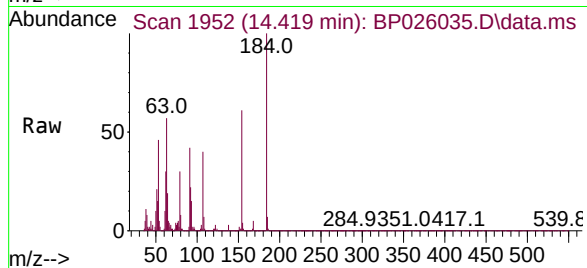
Tgt Ion:138 Resp: 995927
Ion Ratio Lower Upper
138 100
108 12.6 11.4 17.0
92 109.5 87.1 130.7





#54
2,4-Dinitrophenol
Concen: 79.098 ng
RT: 14.419 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

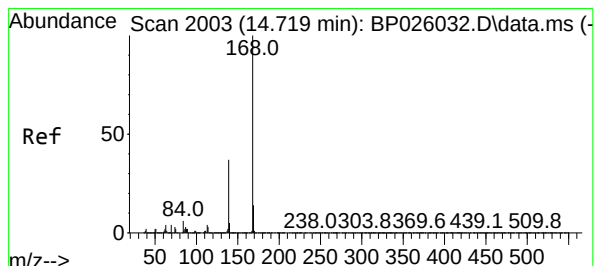
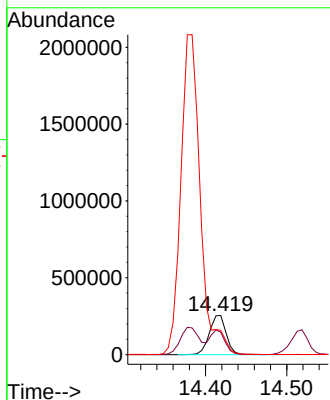
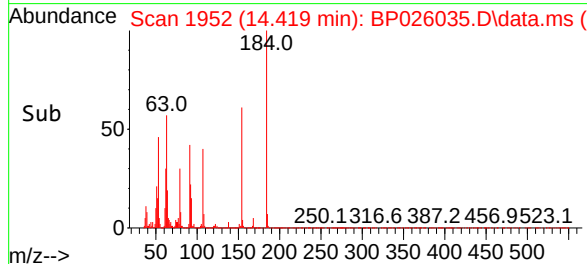
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 366262
Ion Ratio Lower Upper
184 100
63 57.1 49.0 73.4
154 61.5 51.0 76.6

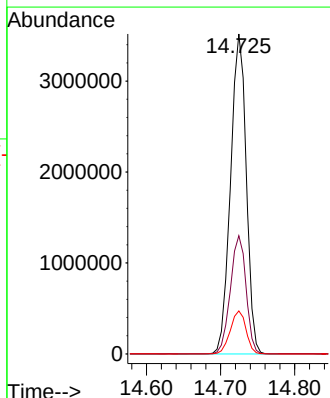
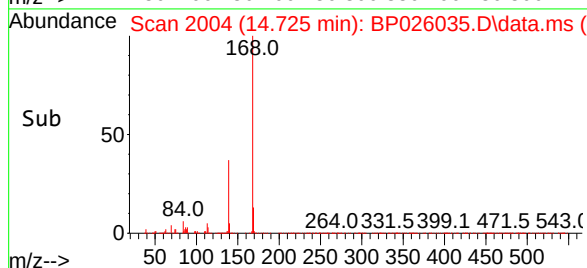
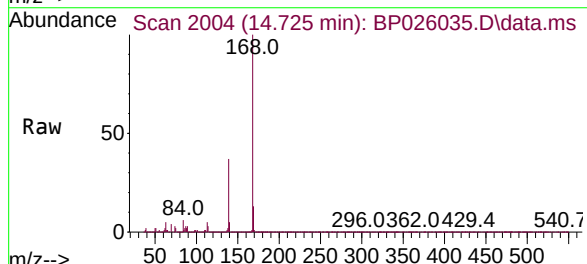
Manual Integrations
APPROVED

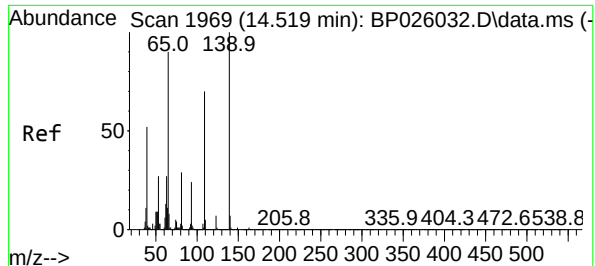
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#55
Dibenzofuran
Concen: 78.003 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

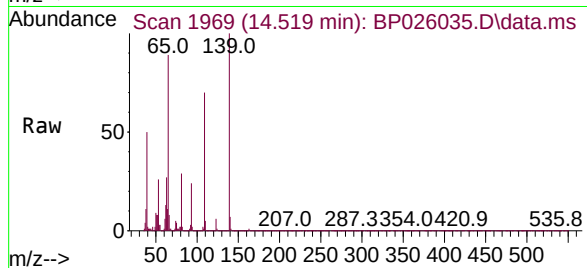
Tgt Ion:168 Resp: 5170871
Ion Ratio Lower Upper
168 100
139 36.9 29.7 44.5
169 13.4 11.0 16.4





#56
4-Nitrophenol
Concen: 82.900 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

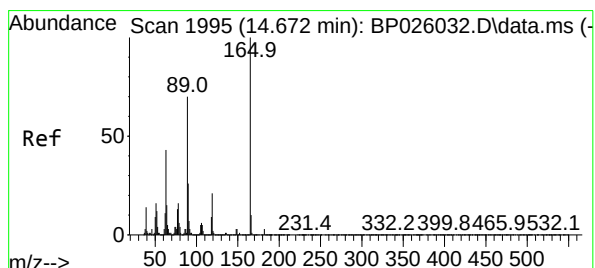
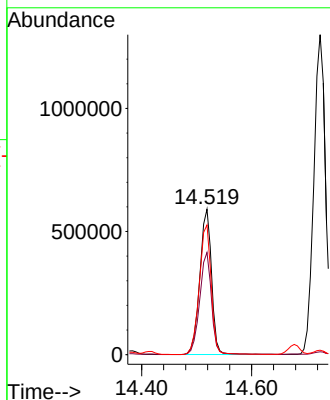
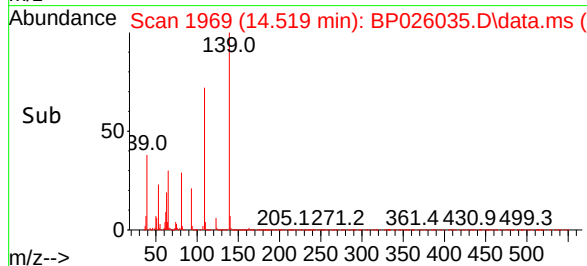
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 875195
Ion Ratio Lower Upper
139 100
109 70.3 50.0 90.0
65 89.2 69.6 109.6

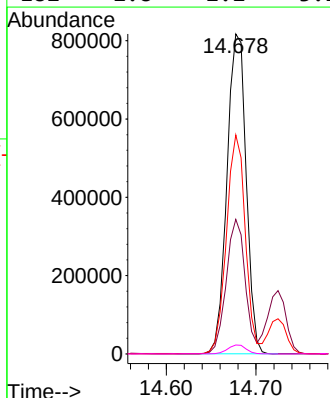
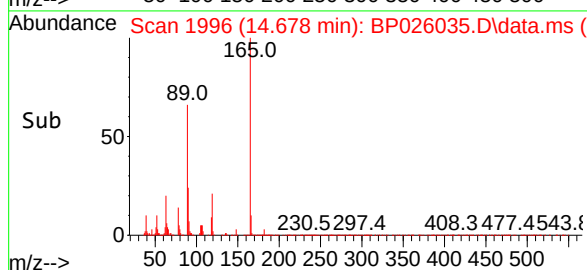
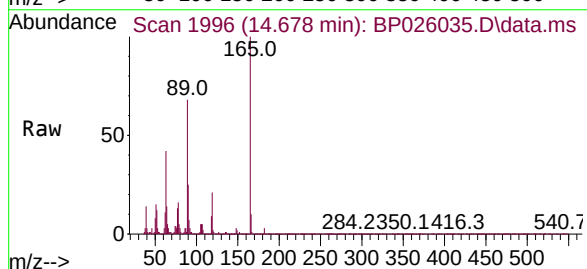
Manual Integrations
APPROVED

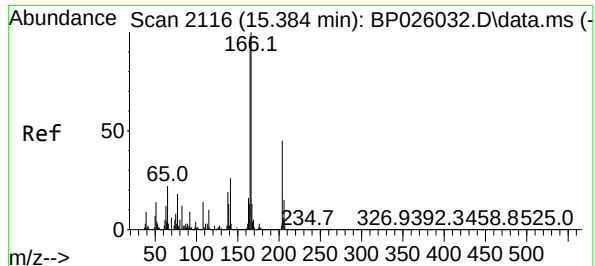
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#57
2,4-Dinitrotoluene
Concen: 83.983 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

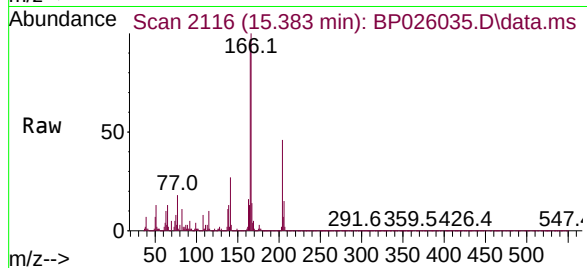
Tgt Ion:165 Resp: 1218227
Ion Ratio Lower Upper
165 100
63 42.0 34.2 51.2
89 68.5 56.0 84.0
182 2.8 2.2 3.2





#58
Fluorene
Concen: 73.925 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

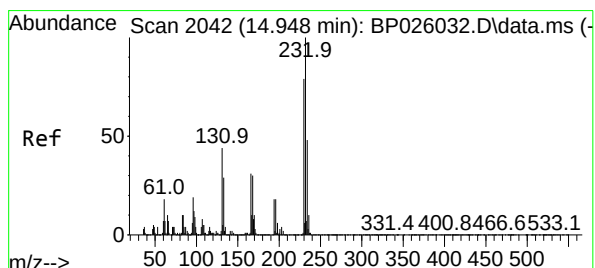
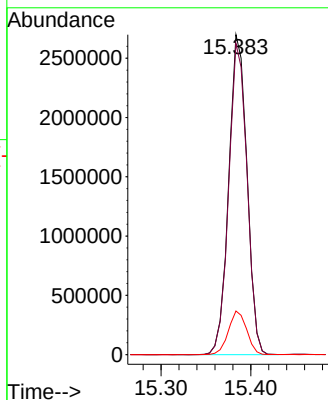
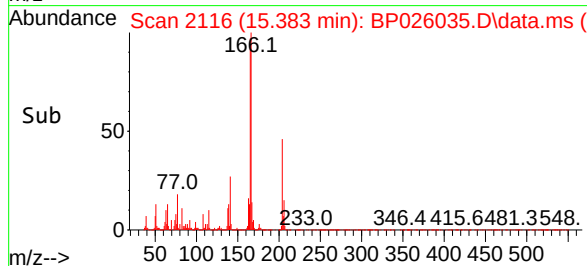
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 3839303
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.6 10.6 16.0

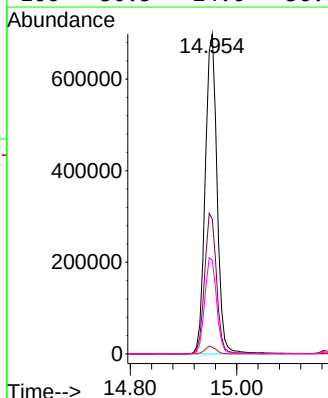
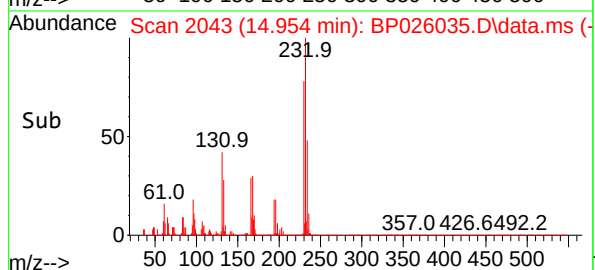
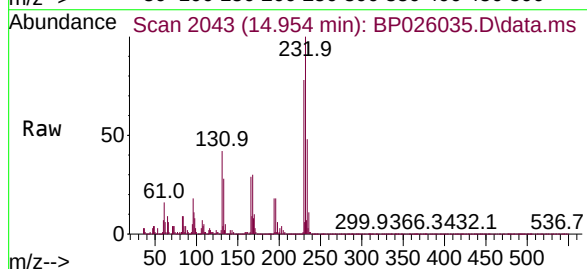
Manual Integrations
APPROVED

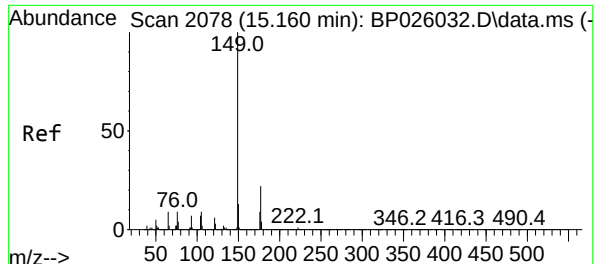
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 89.860 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:232 Resp: 1077698
Ion Ratio Lower Upper
232 100
131 44.3 35.2 52.8
130 2.3 1.7 2.5
166 30.5 24.6 36.8





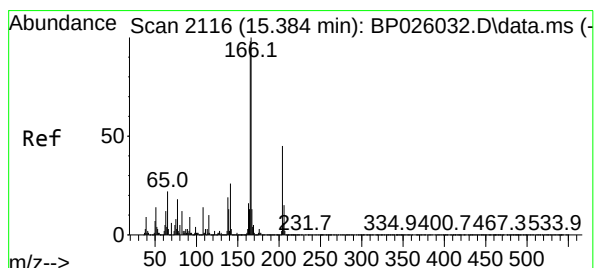
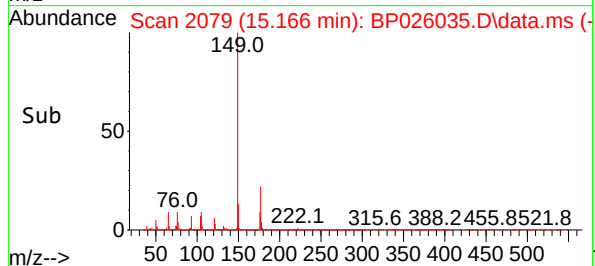
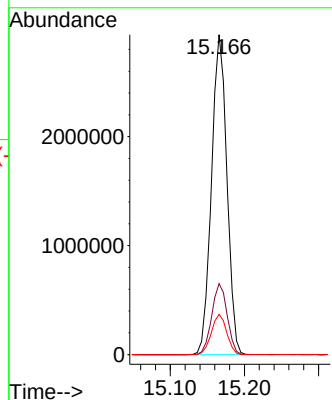
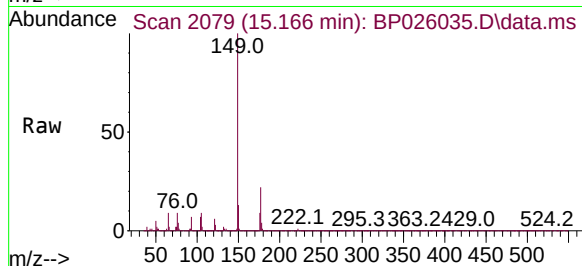
#60
Diethylphthalate
Concen: 79.517 ng
RT: 15.166 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4232388
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.6 10.1 15.1

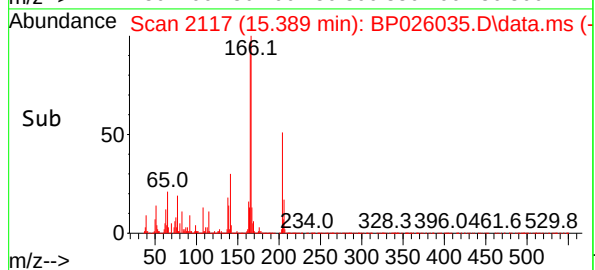
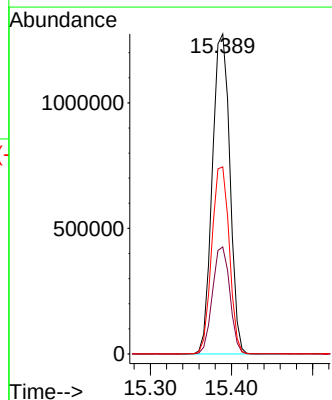
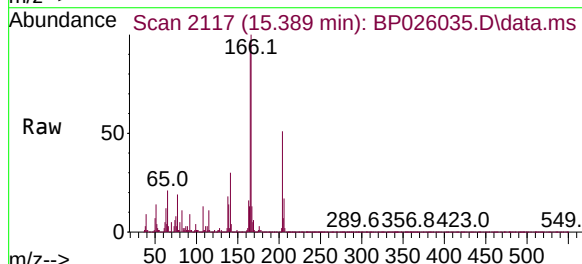
Manual Integrations
APPROVED

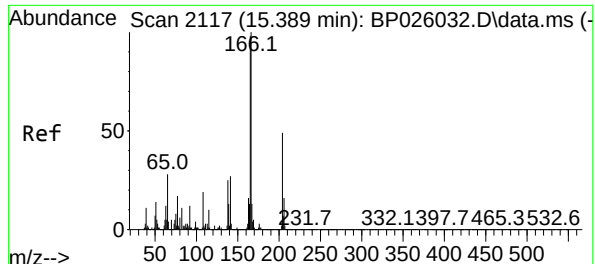
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#61
4-Chlorophenyl-phenylether
Concen: 73.822 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:204 Resp: 1914592
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 58.4 47.0 70.4





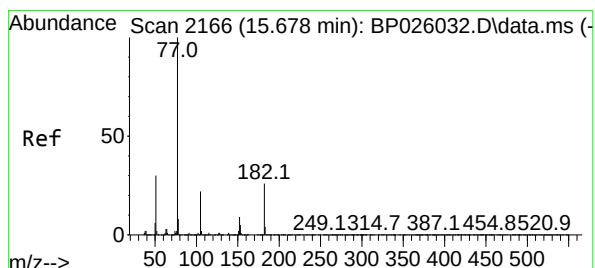
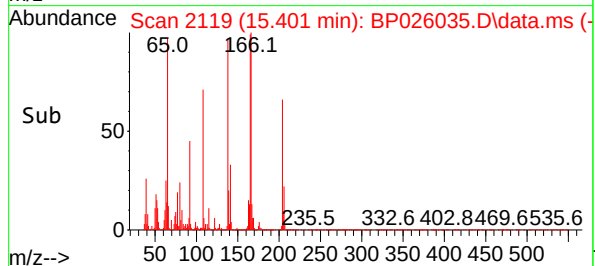
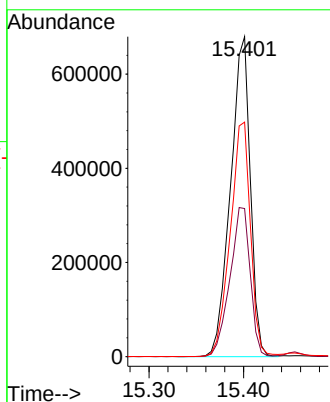
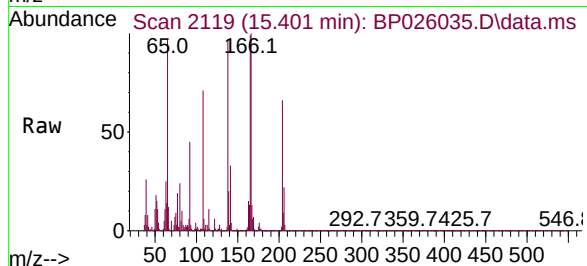
#62
4-Nitroaniline
Concen: 87.229 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 986852
Ion Ratio Lower Upper
138 100
92 46.3 28.2 68.2
108 73.3 56.0 96.0

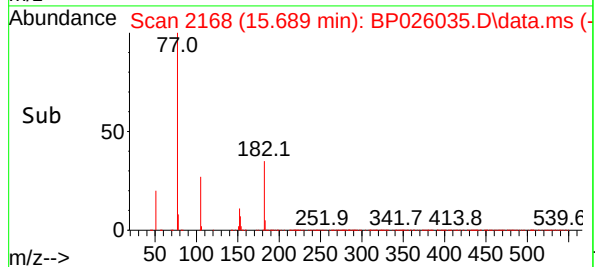
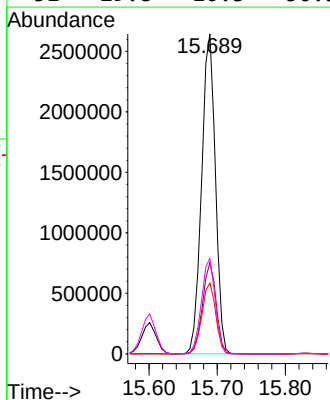
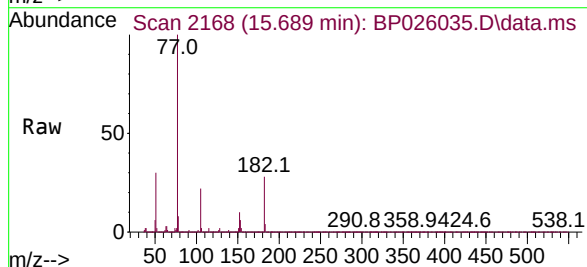
Manual Integrations
APPROVED

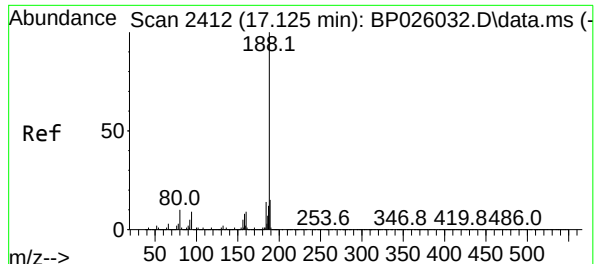
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#63
Azobenzene
Concen: 77.187 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

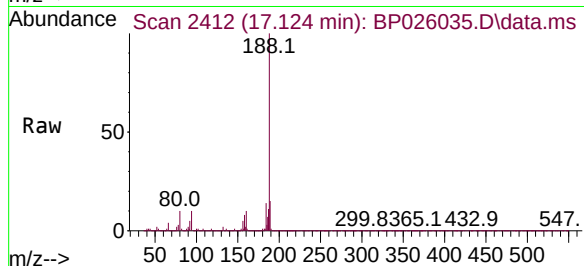
Tgt Ion: 77 Resp: 3723361
Ion Ratio Lower Upper
77 100
182 28.5 6.4 46.4
105 22.2 2.2 42.2
51 29.8 10.3 50.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.124 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

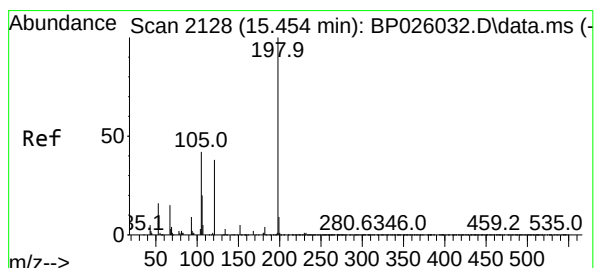
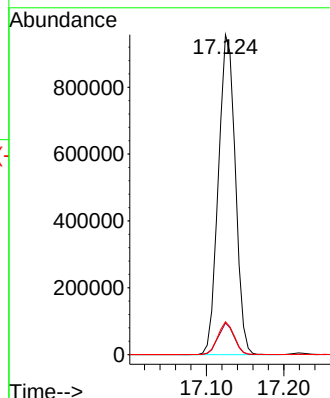
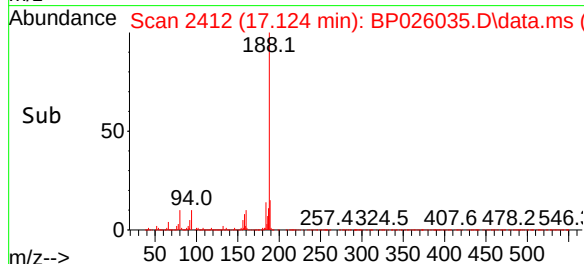
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:188 Resp: 1454350
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 10.3 7.9 11.9

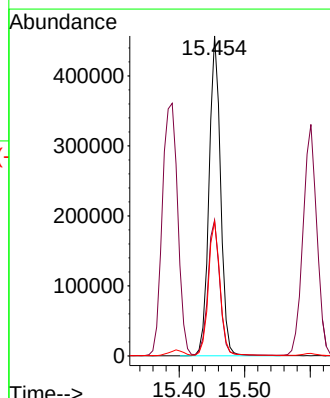
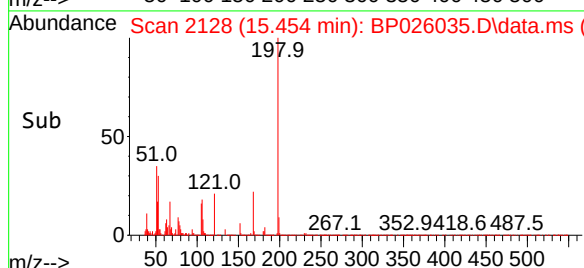
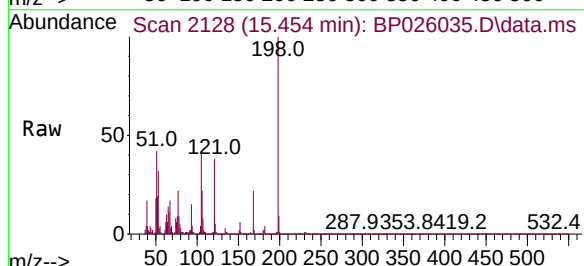
Manual Integrations
APPROVED

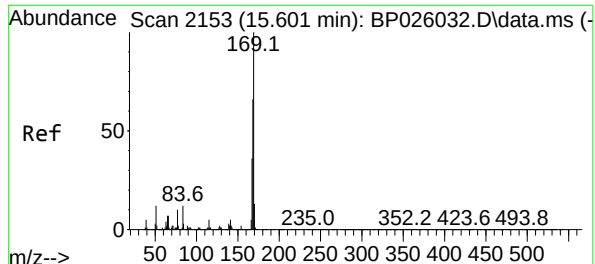
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#65
4,6-Dinitro-2-methylphenol
Concen: 78.914 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

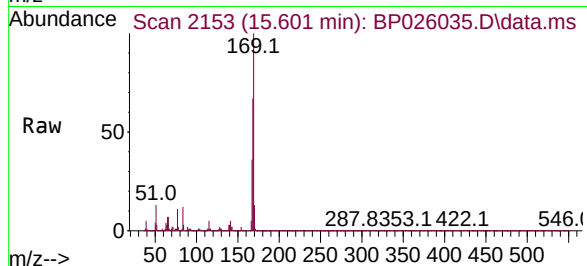
Tgt Ion:198 Resp: 556384
Ion Ratio Lower Upper
198 100
51 42.4 25.2 65.2
105 42.1 23.7 63.7





#66
n-Nitrosodiphenylamine
Concen: 78.206 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

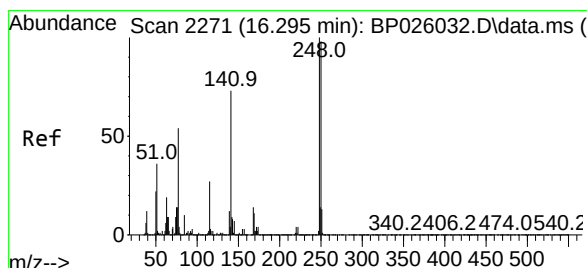
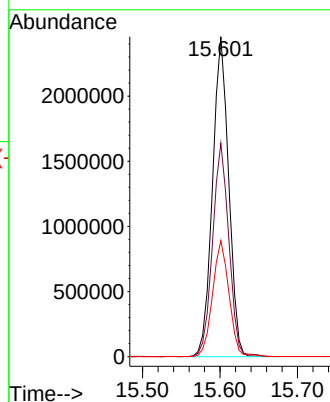
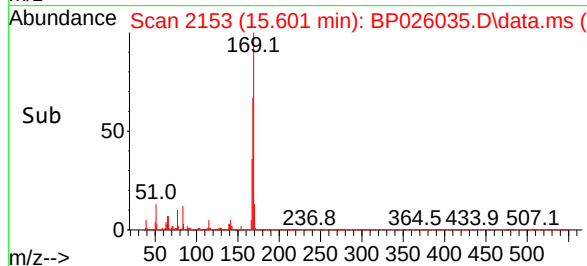
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



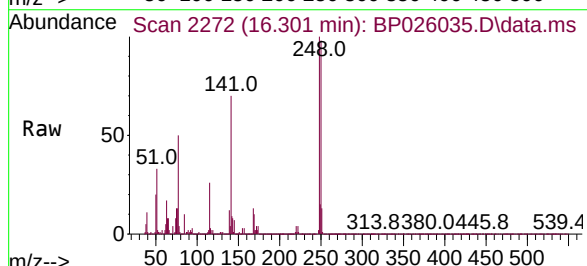
Tgt Ion:169 Resp: 3556221
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.2 28.9 43.3

Manual Integrations
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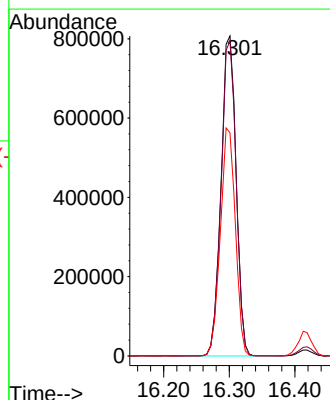
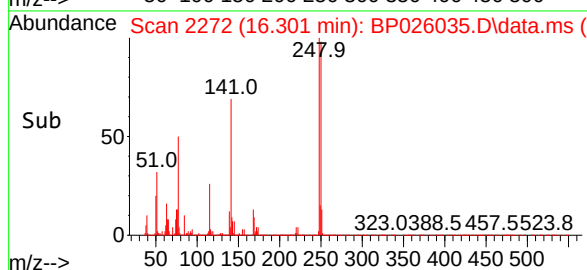
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

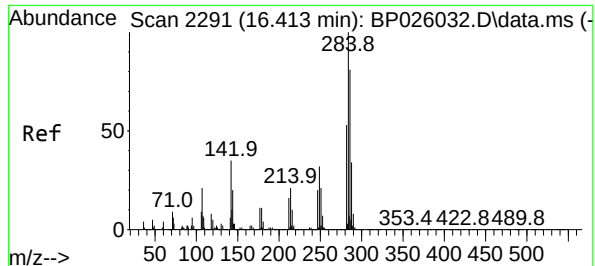


#67
4-Bromophenyl-phenylether
Concen: 80.020 ng
RT: 16.301 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



Tgt Ion:248 Resp: 1290917
Ion Ratio Lower Upper
248 100
250 98.5 78.4 117.6
141 69.7 58.3 87.5





#68

Hexachlorobenzene

Concen: 78.359 ng

RT: 16.419 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:284 Resp: 1439069

Ion Ratio Lower Upper

284 100

142 34.9 27.7 41.5

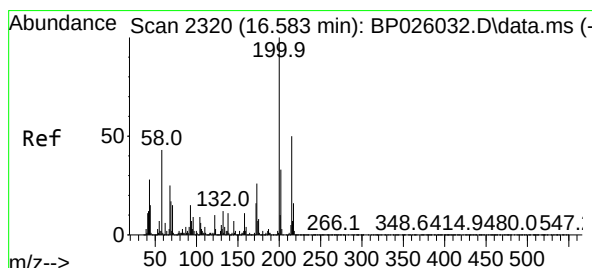
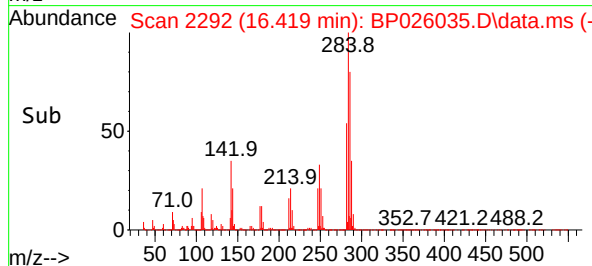
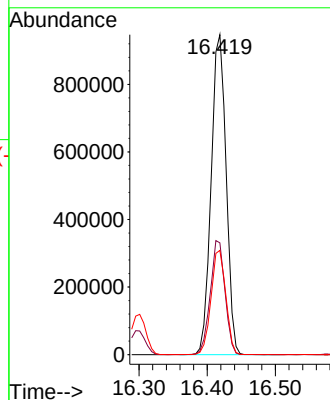
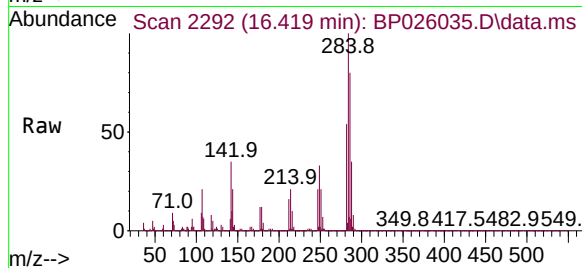
249 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#69

Atrazine

Concen: 81.924 ng

RT: 16.583 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

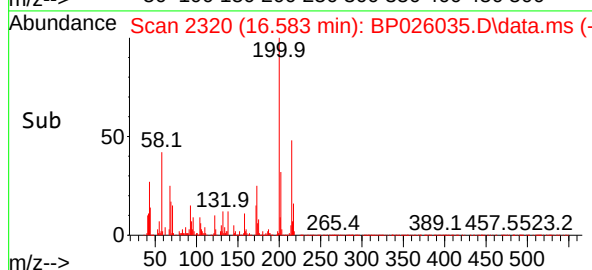
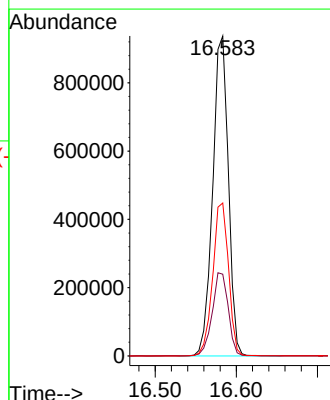
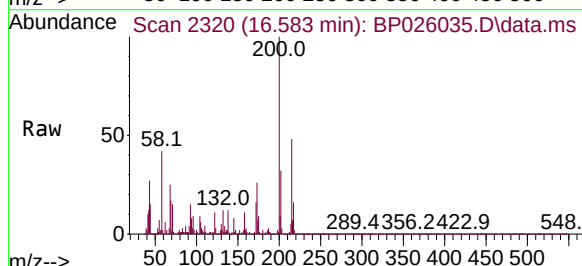
Tgt Ion:200 Resp: 1256682

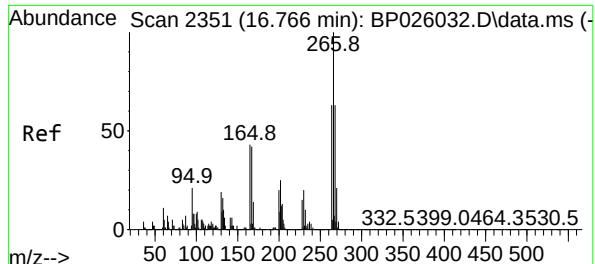
Ion Ratio Lower Upper

200 100

173 25.5 6.2 46.2

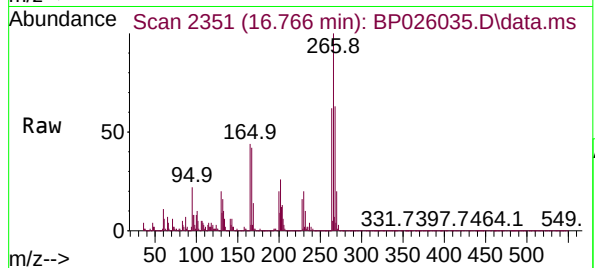
215 47.8 29.8 69.8





#70
Pentachlorophenol
Concen: 88.261 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

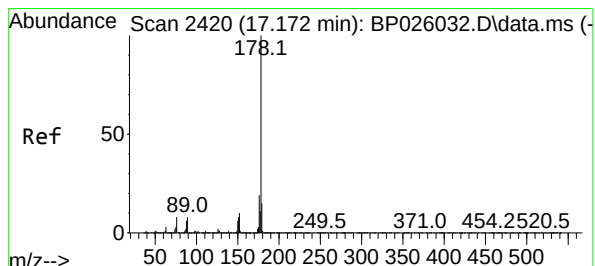
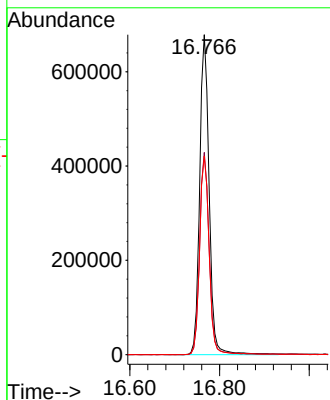
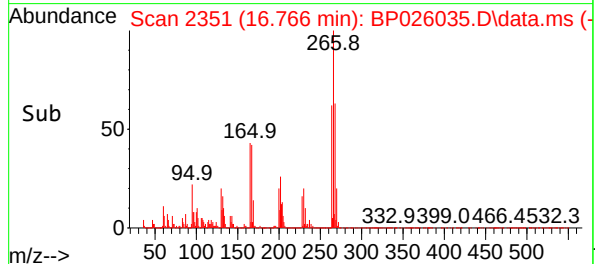
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:266 Resp: 990090
Ion Ratio Lower Upper
266 100
268 63.2 50.6 76.0
264 62.1 50.2 75.4

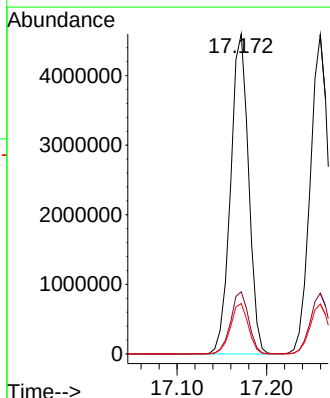
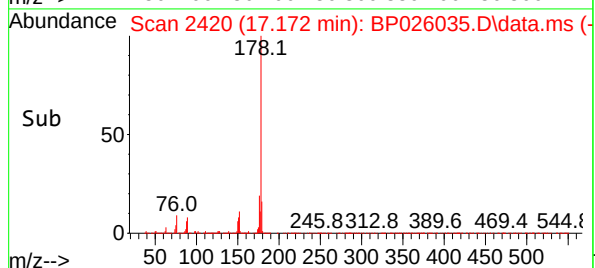
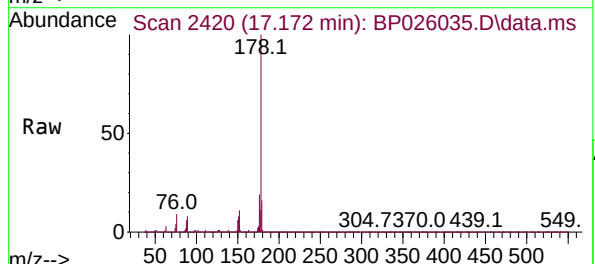
Manual Integrations
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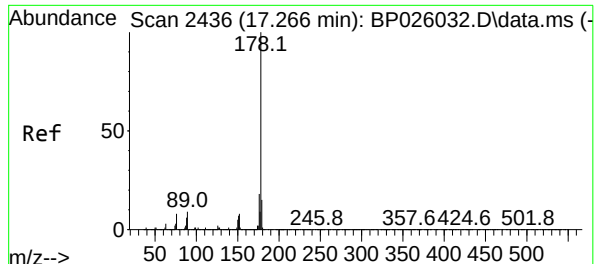
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#71
Phenanthrene
Concen: 75.907 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

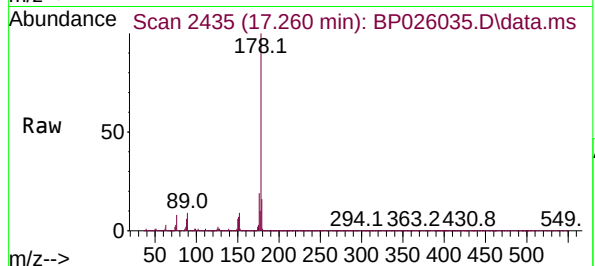
Tgt Ion:178 Resp: 6425576
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.3 18.5





#72
Anthracene
Concen: 77.318 ng
RT: 17.260 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

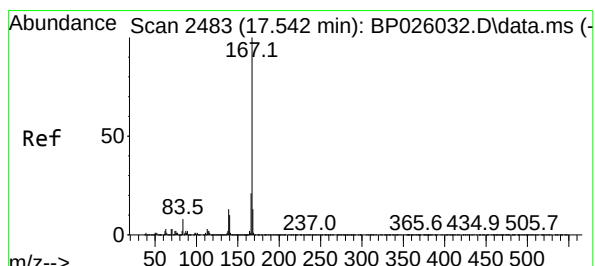
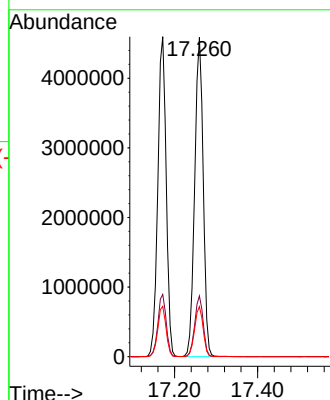
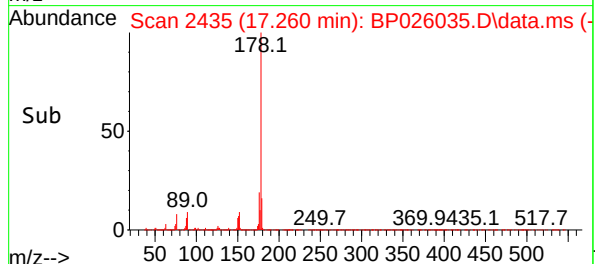
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 6487799
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.2 18.4

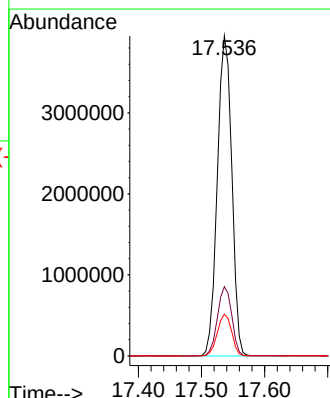
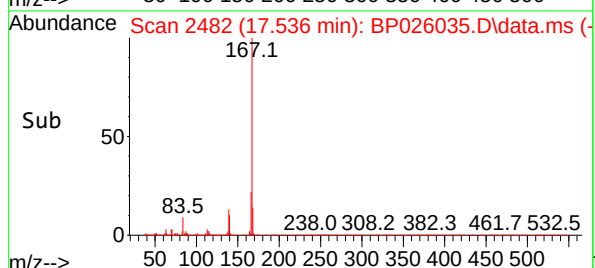
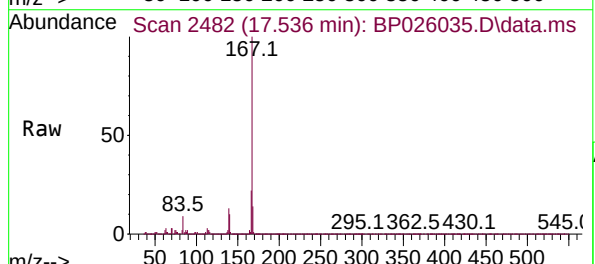
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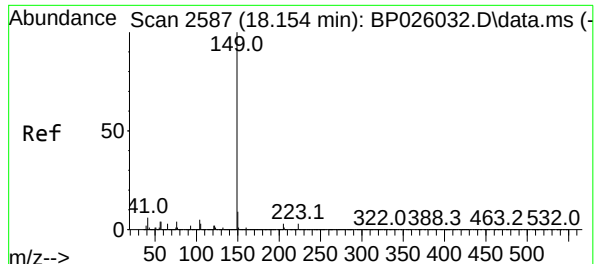
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#73
Carbazole
Concen: 78.943 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

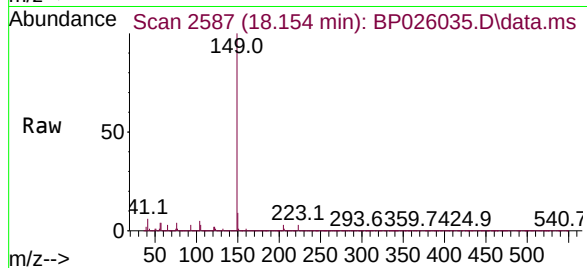
Tgt Ion:167 Resp: 6270446
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.0 10.2 15.2





#74
Di-n-butylphthalate
Concen: 81.950 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

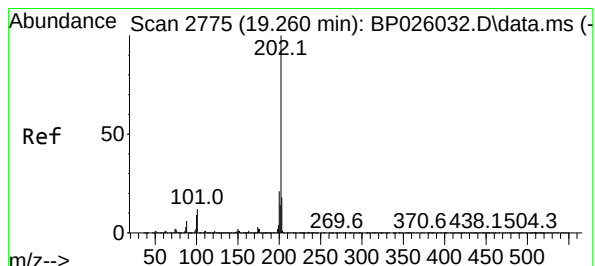
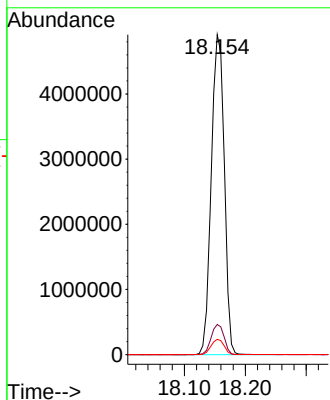
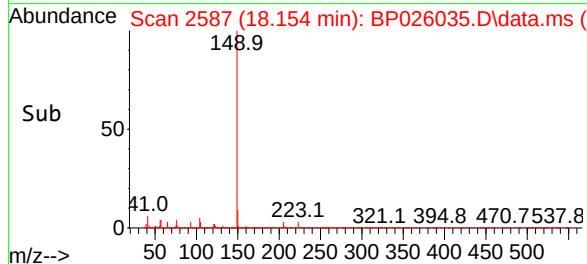
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 7283617
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.8 3.8 5.6

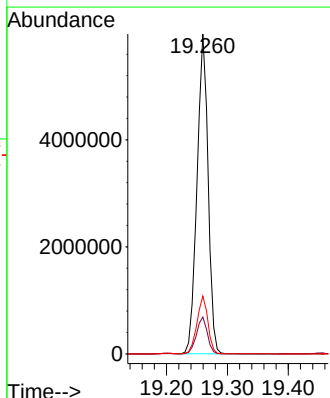
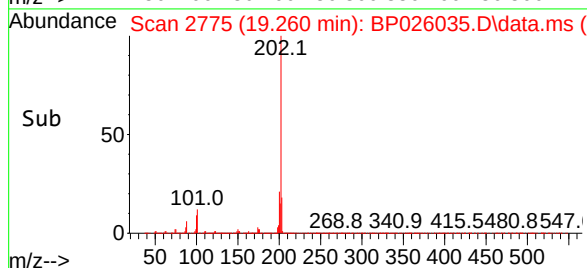
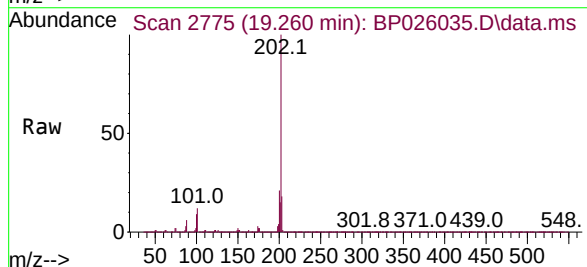
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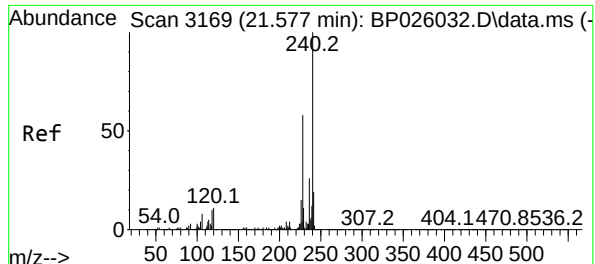
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#75
Fluoranthene
Concen: 76.268 ng
RT: 19.260 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

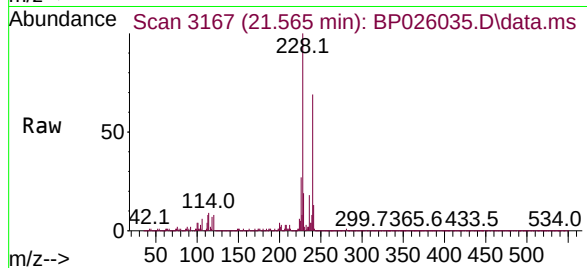
Tgt Ion:202 Resp: 7531112
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.1
203 18.1 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

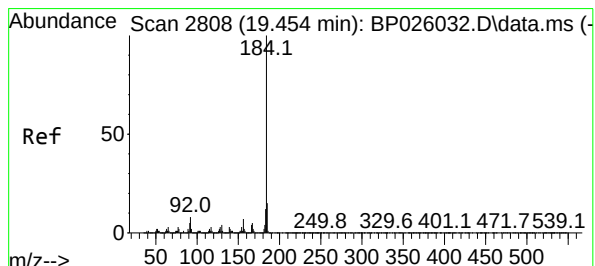
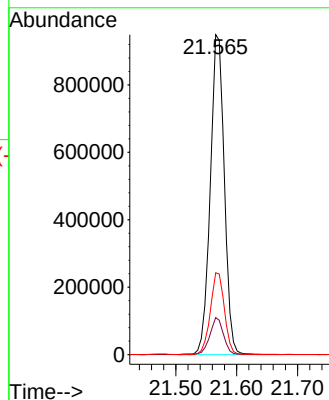
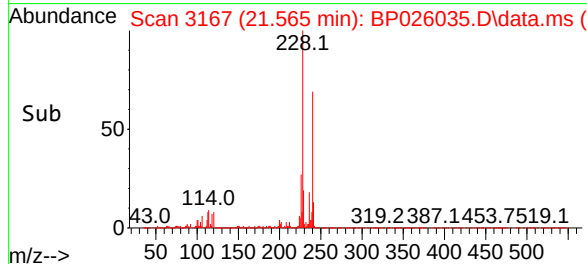
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:240 Resp: 1518010
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.6 20.6 31.0

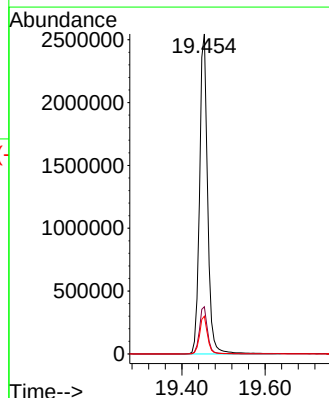
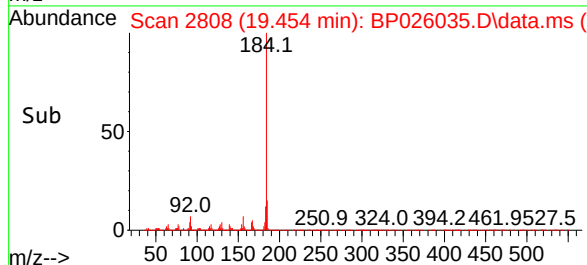
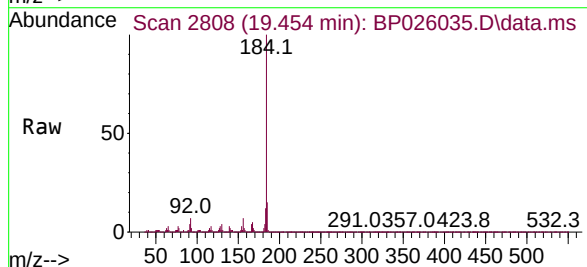
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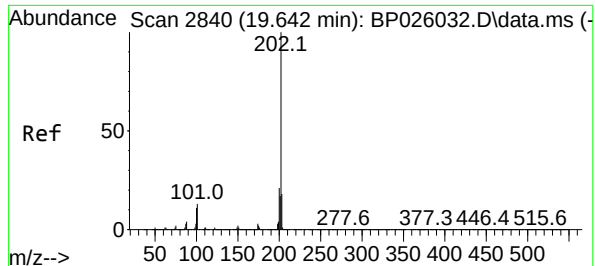
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#77
Benzidine
Concen: 88.260 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

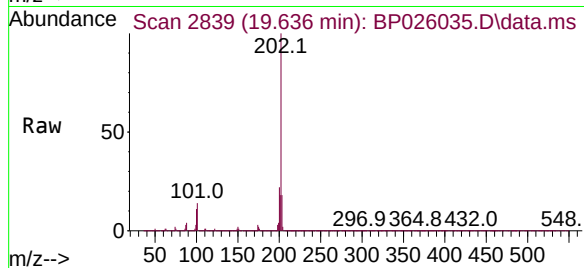
Tgt Ion:184 Resp: 3400762
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.8 9.2 13.8





#78
Pyrene
Concen: 77.487 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

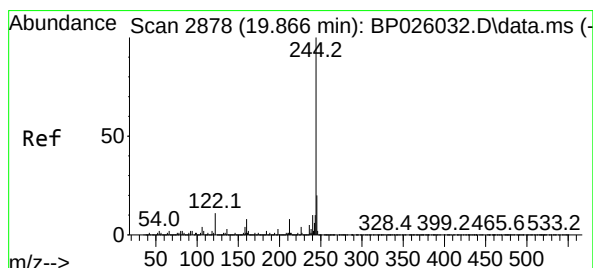
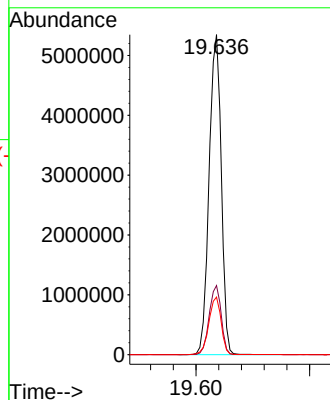
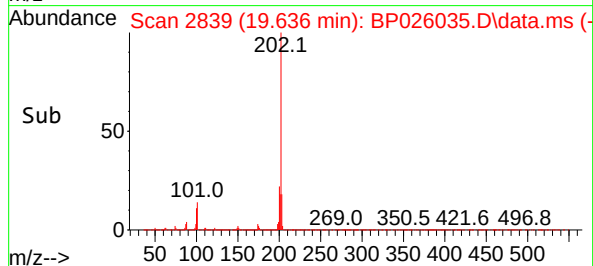
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 7955581
Ion Ratio Lower Upper
202 100
200 21.6 16.6 25.0
203 18.0 14.0 21.0

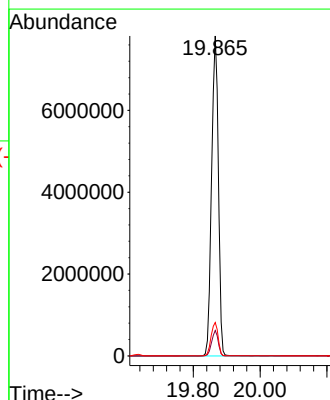
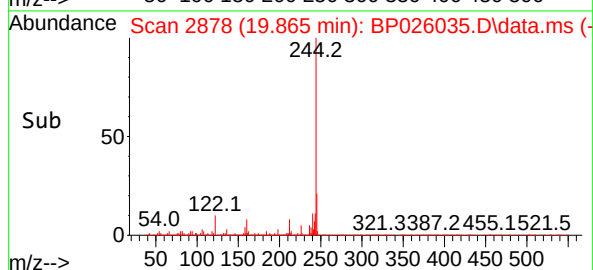
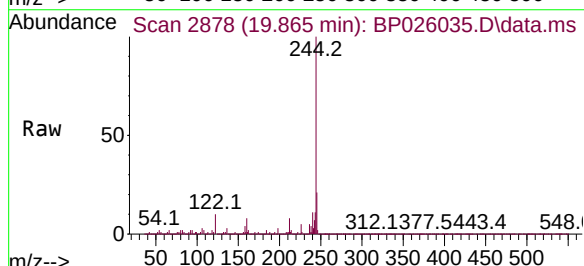
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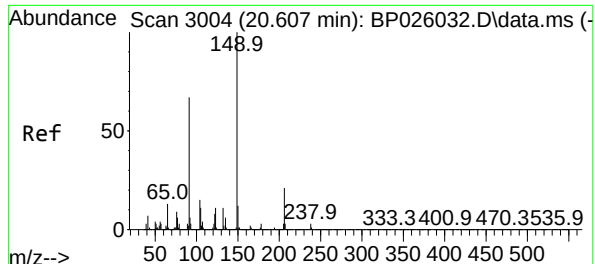
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#79
Terphenyl-d14
Concen: 147.627 ng
RT: 19.865 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:244 Resp:11030199
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 10.4 9.0 13.6





#80

Butylbenzylphthalate

Concen: 80.010 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 3160394

Ion Ratio Lower Upper

149 100

91 66.1 53.5 80.3

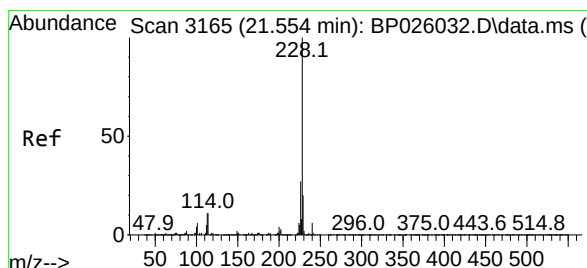
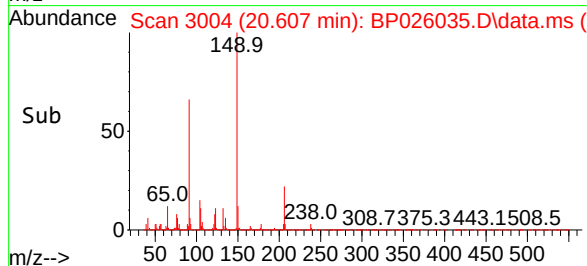
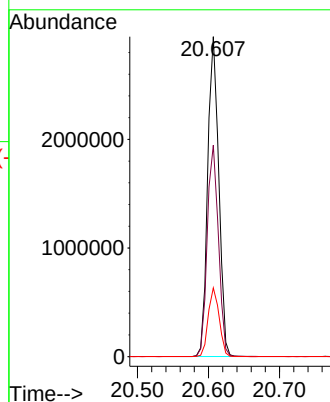
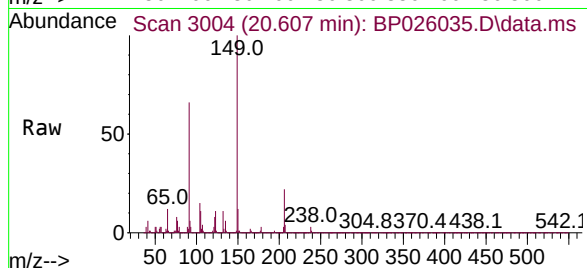
206 21.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#81

Benzo(a)anthracene

Concen: 78.602 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

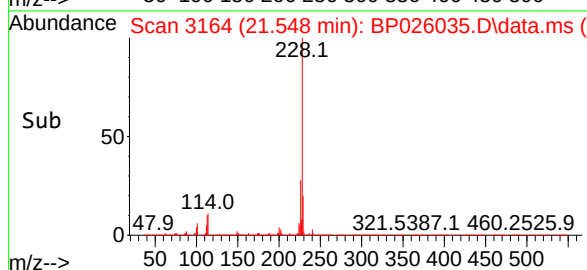
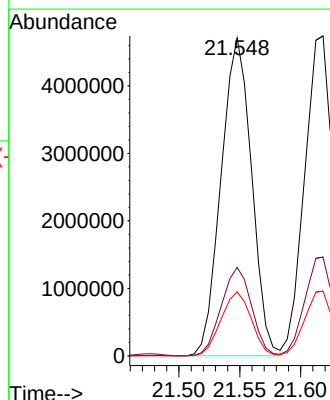
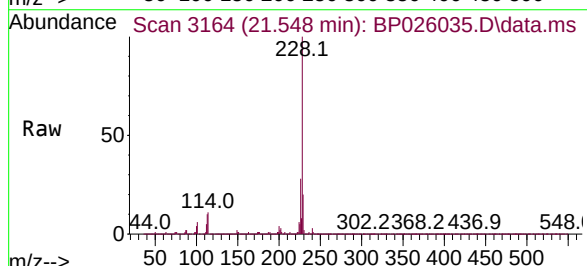
Tgt Ion:228 Resp: 8199298

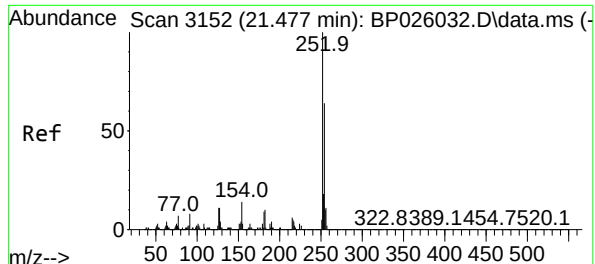
Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 20.1 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 84.414 ng

RT: 21.477 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 2837103

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

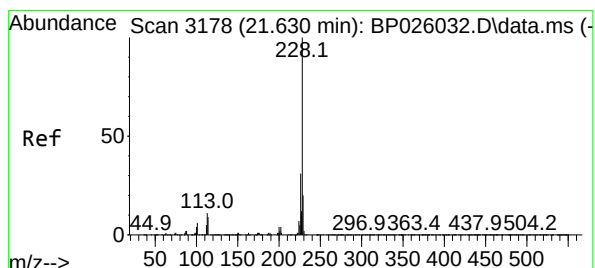
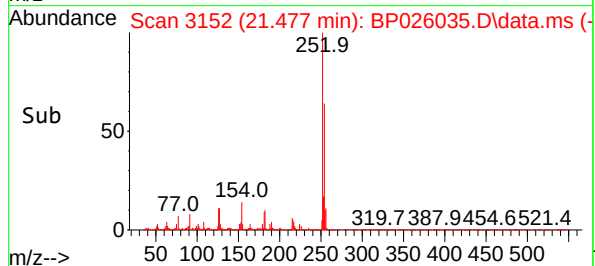
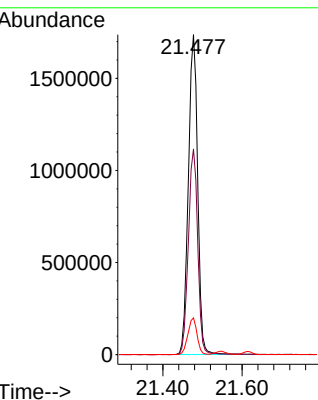
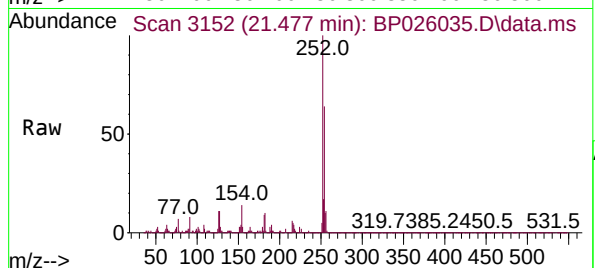
126 11.5 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#83

Chrysene

Concen: 77.890 ng

RT: 21.618 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

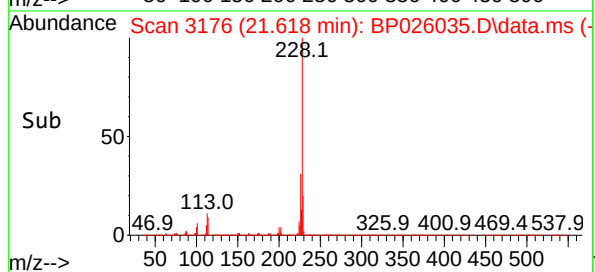
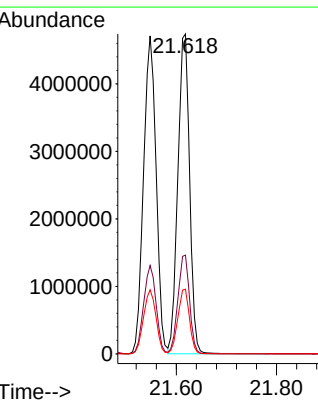
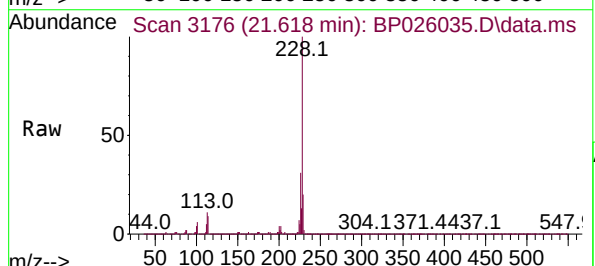
Tgt Ion:228 Resp: 7696535

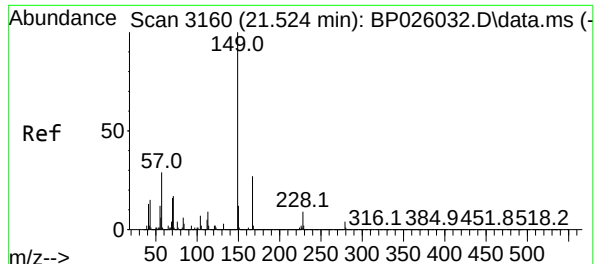
Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

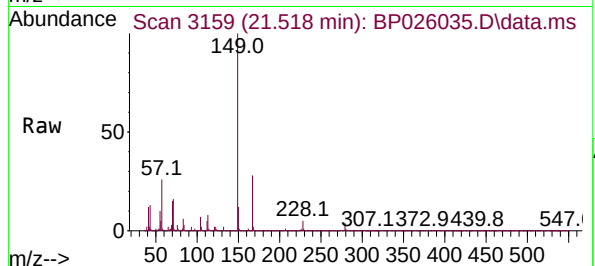
229 20.2 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 77.525 ng
RT: 21.518 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

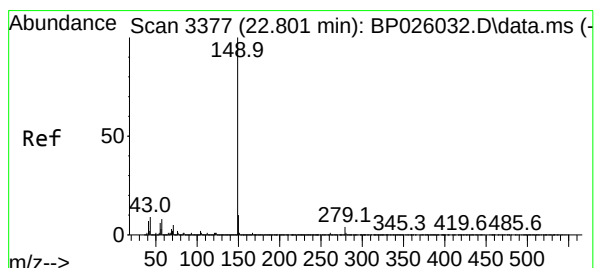
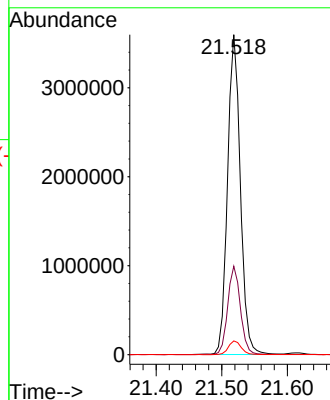
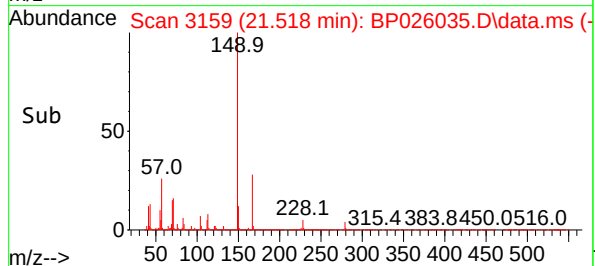
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion:149 Resp: 4903538
Ion Ratio Lower Upper
149 100
167 27.6 21.5 32.3
279 4.3 3.0 4.6

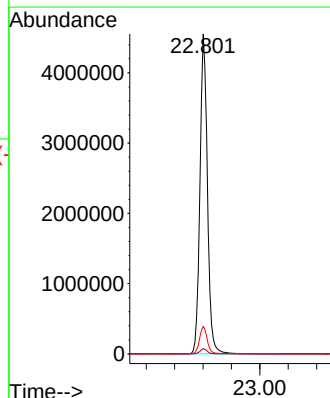
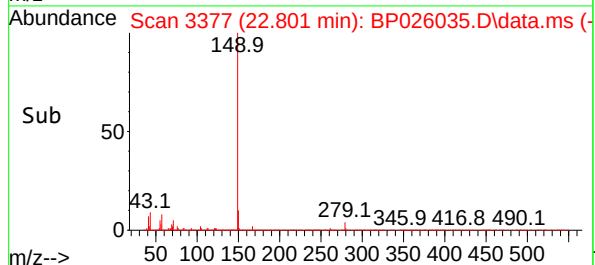
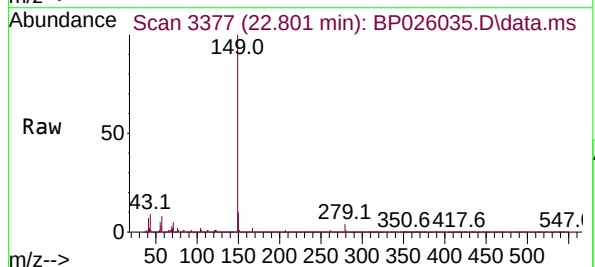
Manual Integrations
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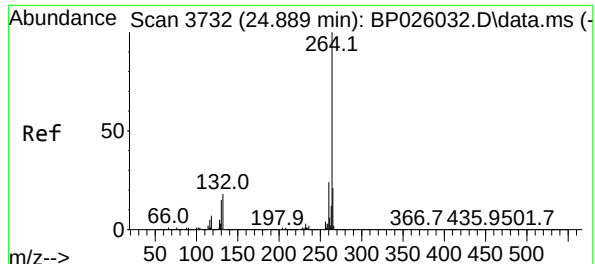
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#85
Di-n-octyl phthalate
Concen: 91.682 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:149 Resp: 8284794
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.6 11.4





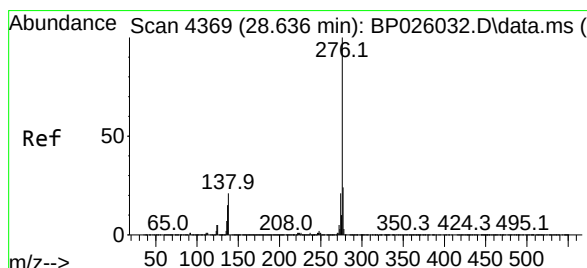
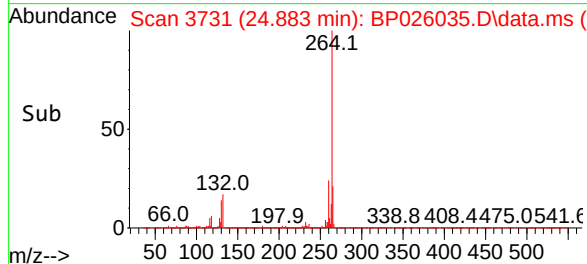
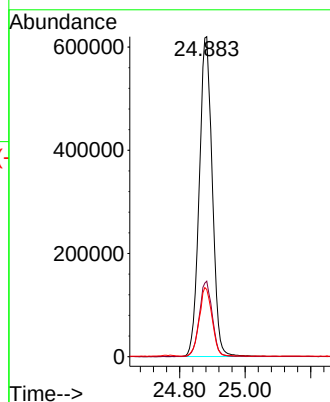
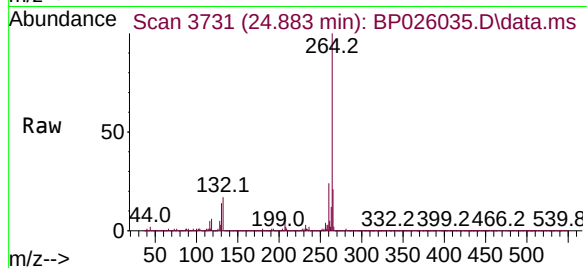
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1693006
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.0 17.2 25.8

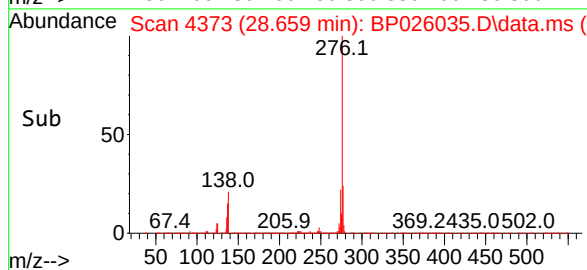
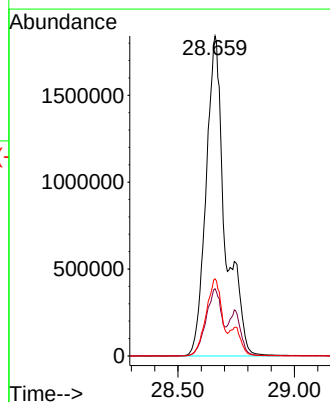
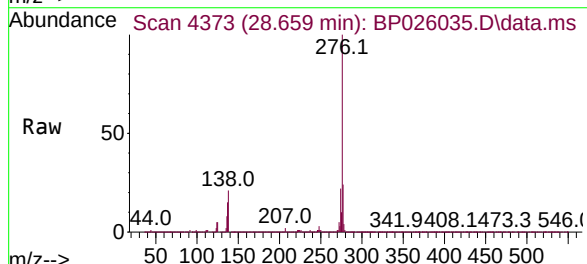
Manual Integrations
APPROVED

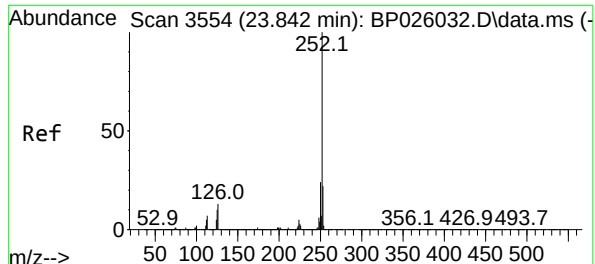
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 84.304 ng m
RT: 28.659 min Scan# 4373
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:276 Resp:10532958
Ion Ratio Lower Upper
276 100
138 17.3 13.2 19.8
277 19.7 16.3 24.5





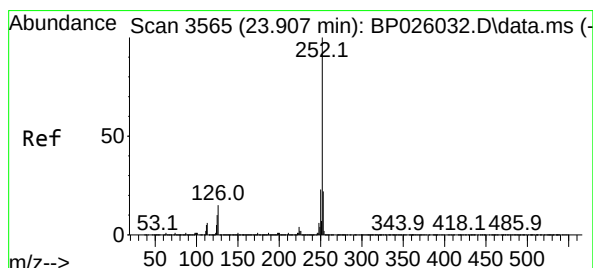
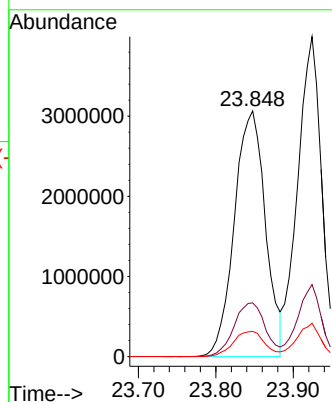
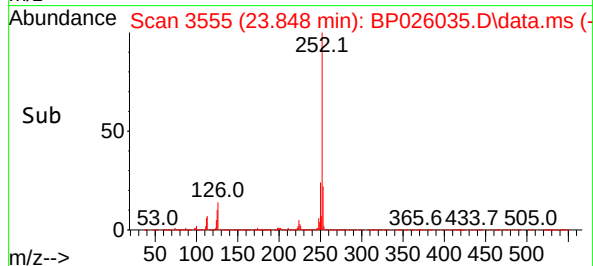
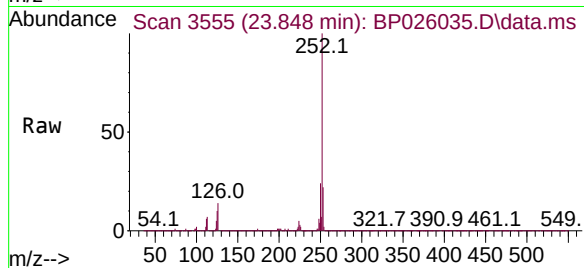
#88
Benzo(b)fluoranthene
Concen: 81.284 ng
RT: 23.848 min Scan# 3554
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 8542978
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.3 8.1 12.1

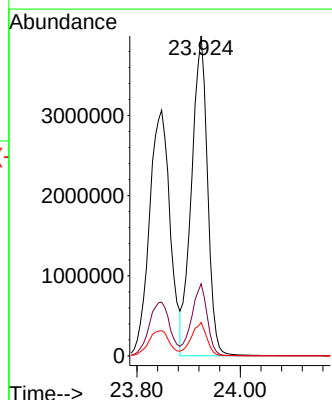
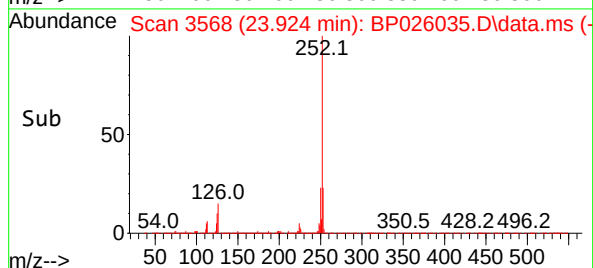
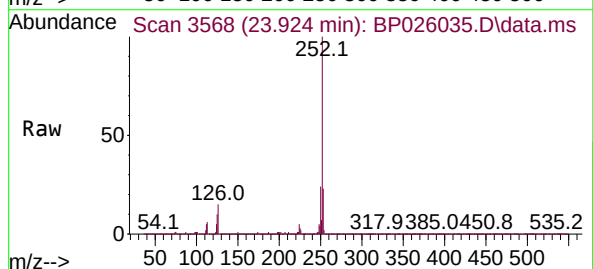
Manual Integrations
APPROVED

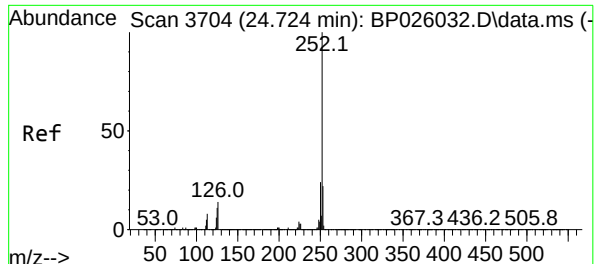
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#89
Benzo(k)fluoranthene
Concen: 79.943 ng
RT: 23.924 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

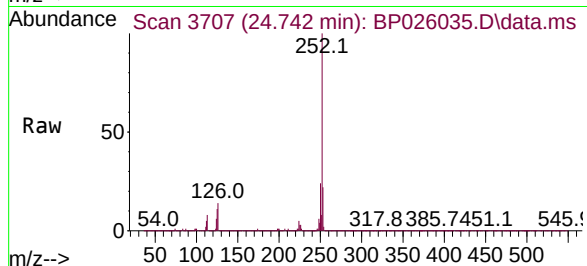
Tgt Ion:252 Resp: 8579950
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.4 8.1 12.1





#90
Benzo(a)pyrene
Concen: 83.215 ng
RT: 24.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

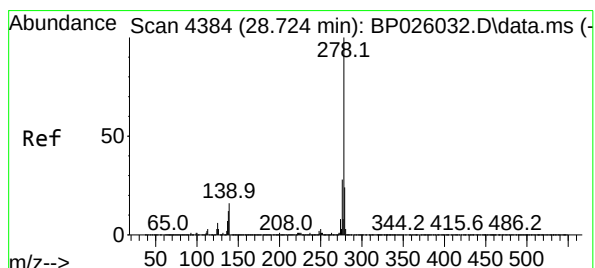
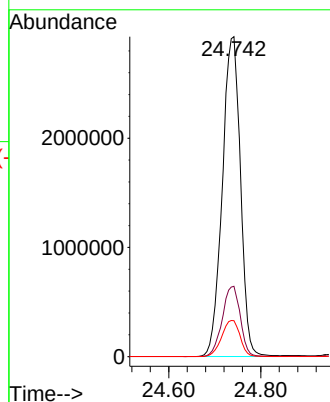
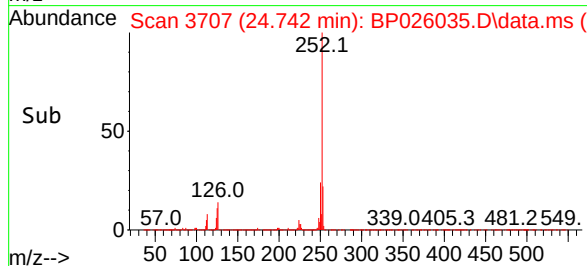
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 8034864
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.2 9.1 13.7

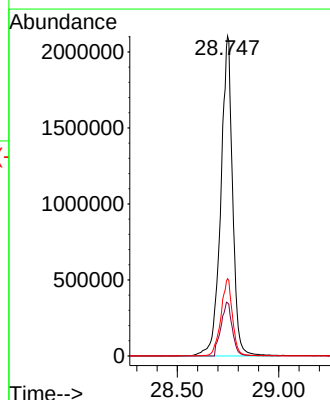
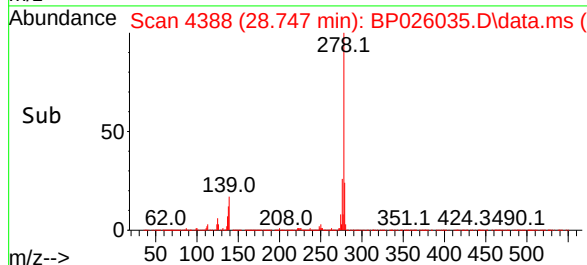
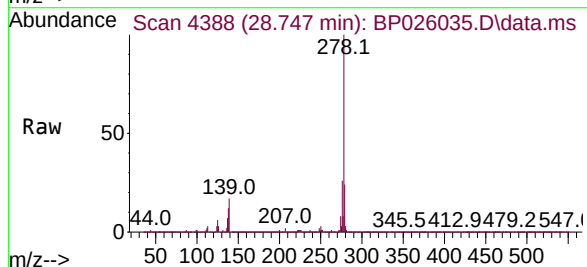
Manual Integrations
APPROVED

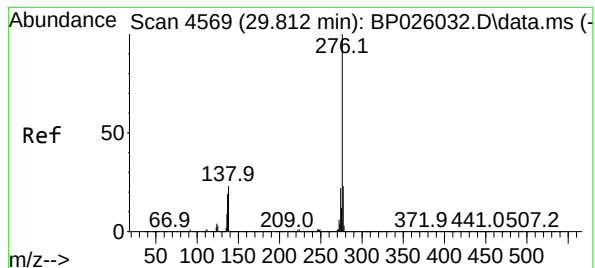
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#91
Dibenzo(a,h)anthracene
Concen: 83.540 ng
RT: 28.747 min Scan# 4388
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:278 Resp: 8497246
Ion Ratio Lower Upper
278 100
139 16.6 13.0 19.6
279 24.2 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 83.299 ng

RT: 29.830 min Scan# 4572

Delta R.T. 0.000 min

Lab File: BP026035.D

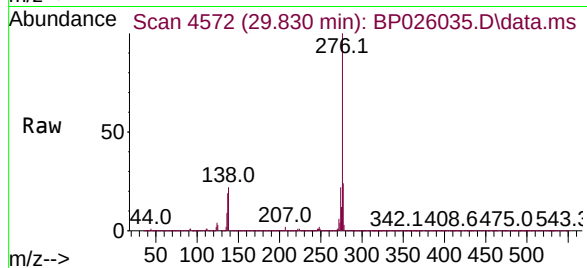
Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion: 276 Resp: 8153149

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

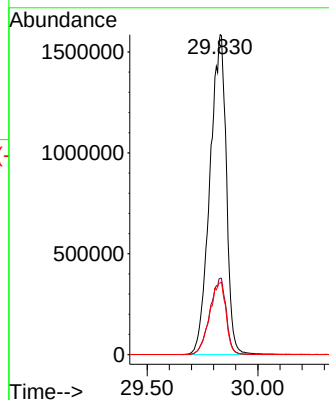
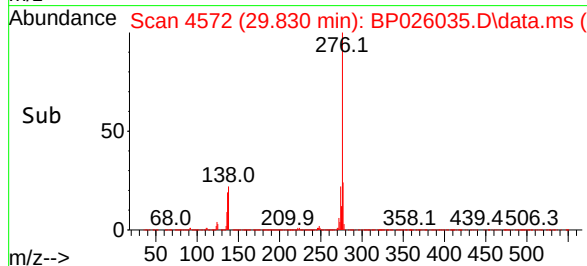
138 22.4 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	281938	20.000	ng	-0.05
21) Naphthalene-d8	10.413	136	1165829	20.000	ng	-0.04
39) Acenaphthene-d10	14.313	164	734180	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1529844	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1603754	20.000	ng	0.01
86) Perylene-d12	24.901	264	1688986	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	1169189	68.429	ng	-0.05
7) Phenol-d6	6.807	99	1480783	68.090	ng	-0.05
23) Nitrobenzene-d5	8.784	82	1283881	68.652	ng	-0.04
42) 2,4,6-Tribromophenol	15.830	330	577899	72.809	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3425177	67.037	ng	-0.02
79) Terphenyl-d14	19.871	244	5329468	67.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.214	88	239880	33.303	ng	100
3) Pyridine	3.590	79	668959	32.670	ng	99
4) n-Nitrosodimethylamine	3.508	42	288399	35.142	ng	97
6) Aniline	6.972	93	1040197	35.839	ng	100
8) 2-Chlorophenol	7.202	128	654572	34.596	ng	97
9) Benzaldehyde	6.784	77	520334m	46.027	ng	
10) Phenol	6.831	94	816366	33.813	ng	99
11) bis(2-Chloroethyl)ether	7.066	93	645531	33.880	ng	99
12) 1,3-Dichlorobenzene	7.531	146	750462	34.538	ng	99
13) 1,4-Dichlorobenzene	7.678	146	771097	35.099	ng	98
14) 1,2-Dichlorobenzene	7.990	146	735657	35.092	ng	99
15) Benzyl Alcohol	7.866	79	551625	35.185	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.172	45	965445	33.526	ng	98
17) 2-Methylphenol	8.078	107	553305	34.998	ng	99
18) Hexachloroethane	8.713	117	259803	34.560	ng	100
19) n-Nitroso-di-n-propyla...	8.443	70	490575	36.340	ng	98
20) 3+4-Methylphenols	8.396	107	753178	34.245	ng	98
22) Acetophenone	8.449	105	1054241	35.756	ng	# 98
24) Nitrobenzene	8.825	77	687636	34.825	ng	98
25) Isophorone	9.343	82	1403746	35.069	ng	100
26) 2-Nitrophenol	9.525	139	257308	36.106	ng	97
27) 2,4-Dimethylphenol	9.584	122	632451	37.573	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	869155	34.454	ng	99
29) 2,4-Dichlorophenol	10.060	162	614929	34.599	ng	99
30) 1,2,4-Trichlorobenzene	10.278	180	684636	35.441	ng	97
31) Naphthalene	10.466	128	2154430	33.888	ng	100
32) Benzoic acid	9.690	122	351760	37.646	ng	98
33) 4-Chloroaniline	10.566	127	949777	38.877	ng	99
34) Hexachlorobutadiene	10.760	225	415865	33.876	ng	99
35) Caprolactam	11.319	113	217407	34.833	ng	96
36) 4-Chloro-3-methylphenol	11.695	107	646328	34.690	ng	98
37) 2-Methylnaphthalene	12.084	142	1378858	30.988	ng	99
38) 1-Methylnaphthalene	12.319	142	1423665	32.934	ng	100
40) 1,2,4,5-Tetrachloroben...	12.460	216	786568	34.481	ng	100
41) Hexachlorocyclopentadiene	12.448	237	393924	47.197	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	489212	36.282	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	543516	35.326	ng	96
46) 1,1'-Biphenyl	13.113	154	1971667	35.073	ng	100
47) 2-Chloronaphthalene	13.154	162	1471874	33.277	ng	98
48) 2-Nitroaniline	13.354	65	374554	33.821	ng	99
49) Acenaphthylene	14.031	152	2509218	38.923	ng	100
50) Dimethylphthalate	13.760	163	1875076	35.112	ng	100
51) 2,6-Dinitrotoluene	13.866	165	367251	37.528	ng	96
52) Acenaphthene	14.378	154	1458746	32.961	ng	99
53) 3-Nitroaniline	14.195	138	425192	36.037	ng	97
54) 2,4-Dinitrophenol	14.413	184	126516	36.040	ng	97
55) Dibenzofuran	14.719	168	2269310	33.938	ng	99
56) 4-Nitrophenol	14.507	139	348249	32.703	ng	97
57) 2,4-Dinitrotoluene	14.678	165	499801	35.013	ng	100
58) Fluorene	15.378	166	1851395	35.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	474164	39.197	ng	99
60) Diethylphthalate	15.166	149	1879900	35.015	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	887559	33.928	ng	99
62) 4-Nitroaniline	15.395	138	432391	37.891	ng	98
63) Azobenzene	15.689	77	1705483	35.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	200079	35.409	ng	93
66) n-Nitrosodiphenylamine	15.601	169	1610105	33.661	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	556621	32.800	ng	98
68) Hexachlorobenzene	16.419	284	633716	32.804	ng	99
69) Atrazine	16.583	200	598775	37.108	ng	97
70) Pentachlorophenol	16.760	266	397848	33.716	ng	99
71) Phenanthrene	17.166	178	2914044	32.726	ng	100
72) Anthracene	17.260	178	2948850	33.409	ng	100
73) Carbazole	17.536	167	2792407	33.421	ng	100
74) Di-n-butylphthalate	18.154	149	3284045	35.126	ng	100
75) Fluoranthene	19.266	202	3440878	33.126	ng	99
77) Benzidine	19.454	184	1960099	48.151	ng	100
78) Pyrene	19.642	202	3569948	32.912	ng	99
80) Butylbenzylphthalate	20.613	149	1317625	33.630	ng	98
81) Benzo(a)anthracene	21.560	228	3642485	33.052	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	1322765	37.253	ng	100
83) Chrysene	21.624	228	3395520	32.526	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2128720	33.750	ng	99
85) Di-n-octyl phthalate	22.818	149	3214231	33.668	ng	99
87) Indeno(1,2,3-cd)pyrene	28.671	276	4151592m	33.295	ng	
88) Benzo(b)fluoranthene	23.848	252	3575209	34.098	ng	99
89) Benzo(k)fluoranthene	23.930	252	3681173	34.381	ng	100
90) Benzo(a)pyrene	24.742	252	3373695	35.024	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	3437827	33.879	ng	99
92) Benzo(g,h,i)perylene	29.836	276	3306526	33.862	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

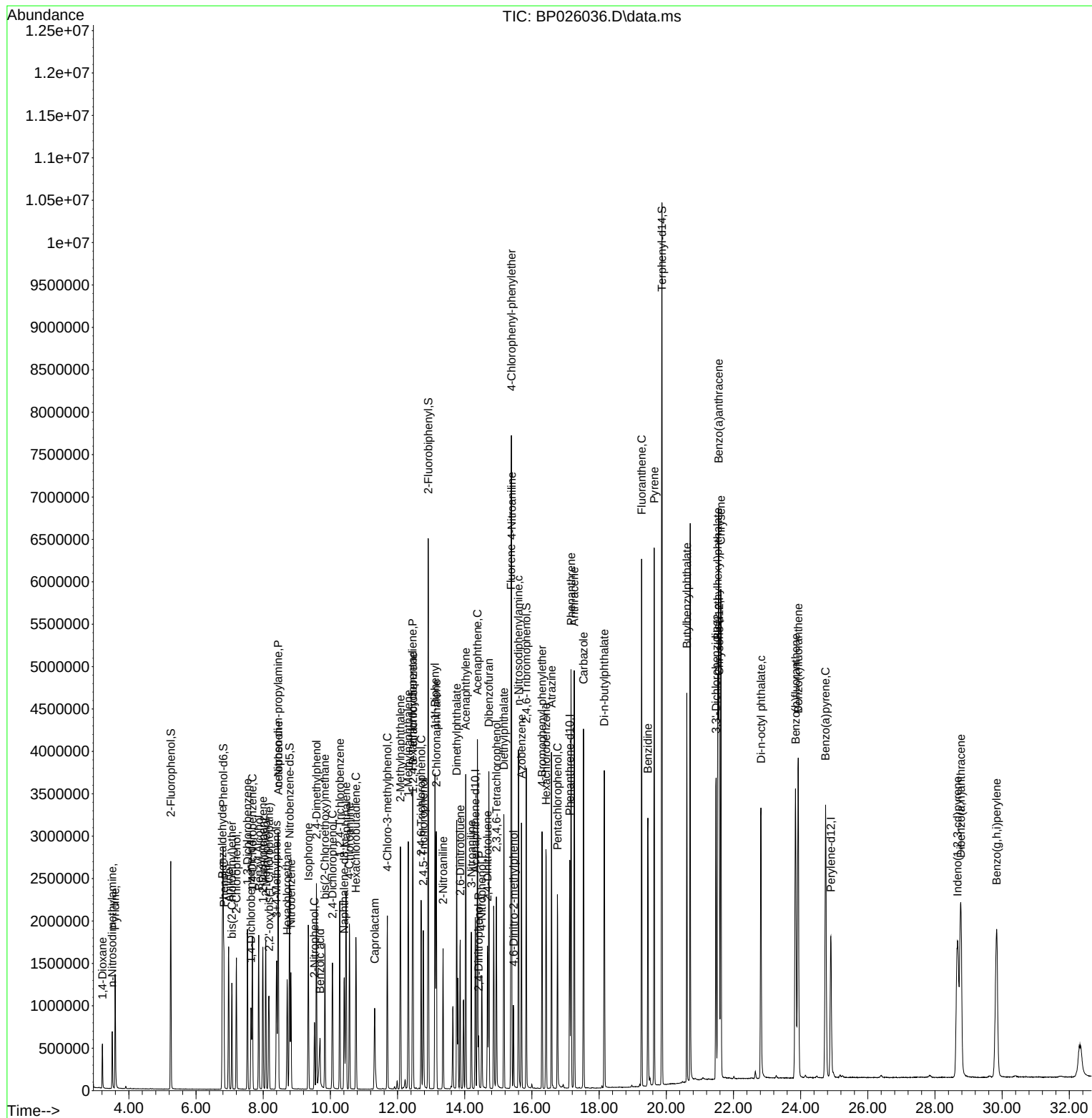
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Data File : BP026036.D
Acq On    : 29 Oct 2025 16:09
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 10    Sample Multiplier: 1
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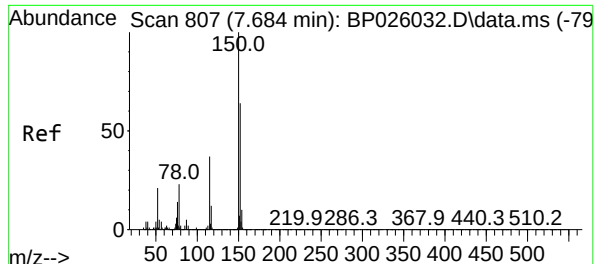
Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jaagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





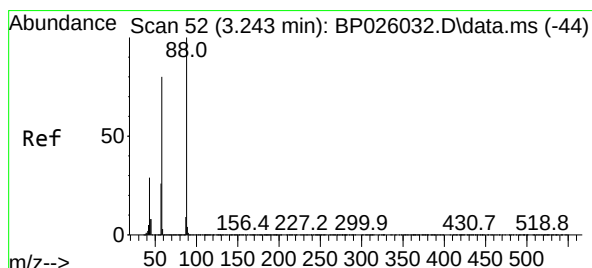
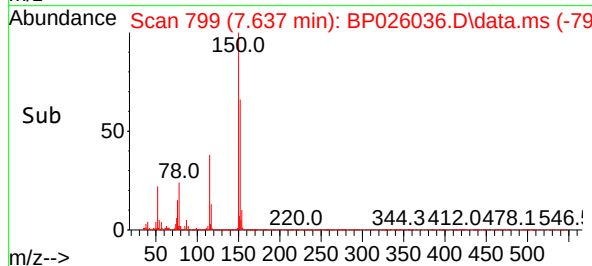
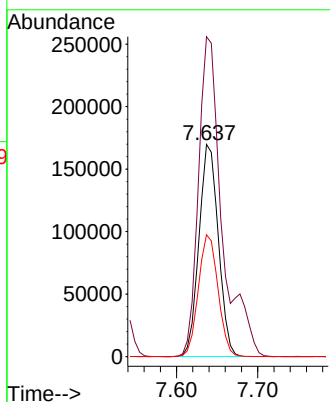
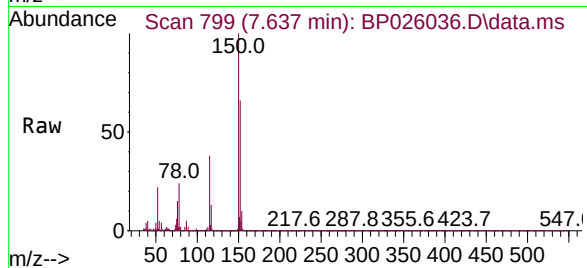
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 79
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
Client Sample Id :
ICVBP102925

Tgt Ion: 152 Resp: 281938
Ion Ratio Lower Upper
152 100
150 150.8 125.7 188.5
115 57.4 46.4 69.6

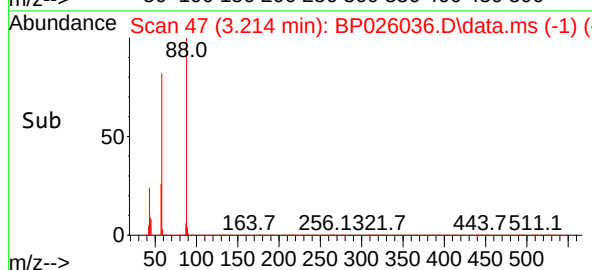
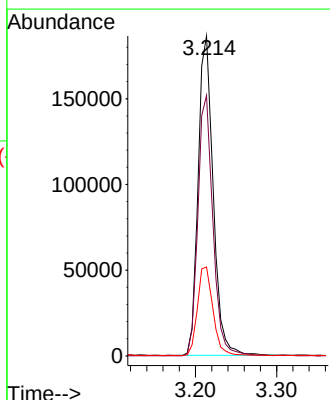
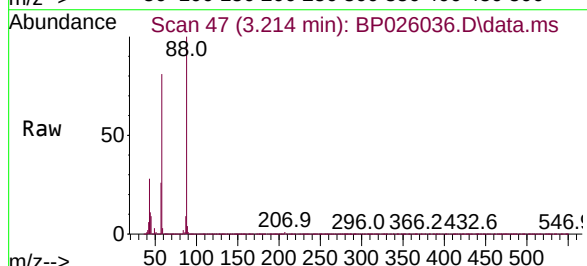
Manual Integrations
APPROVED

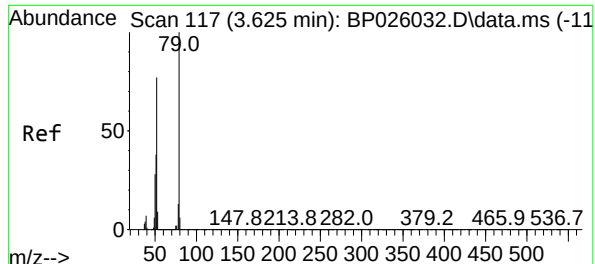
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 33.303 ng
RT: 3.214 min Scan# 47
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 88 Resp: 239880
Ion Ratio Lower Upper
88 100
58 81.5 65.4 98.0
43 28.8 23.1 34.7





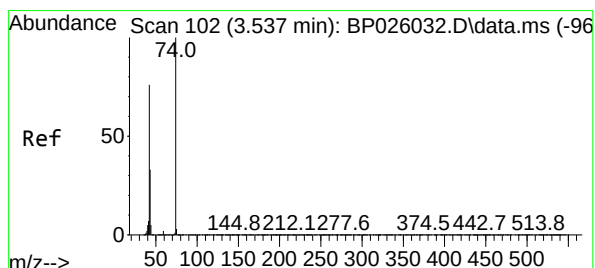
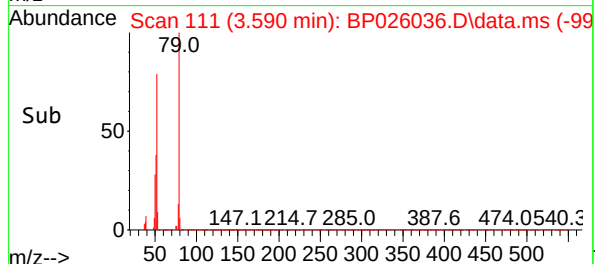
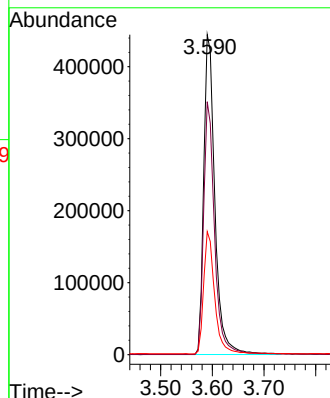
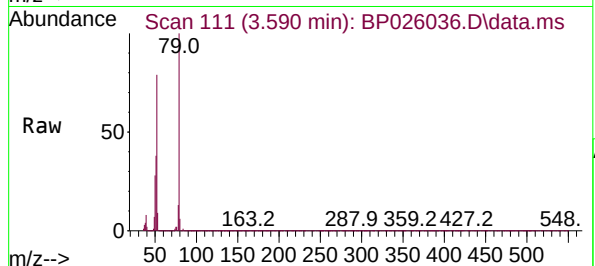
#3
Pyridine
Concen: 32.670 ng
RT: 3.590 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion: 79 Resp: 668959
Ion Ratio Lower Upper
79 100
52 79.0 62.0 93.0
51 38.4 30.6 46.0

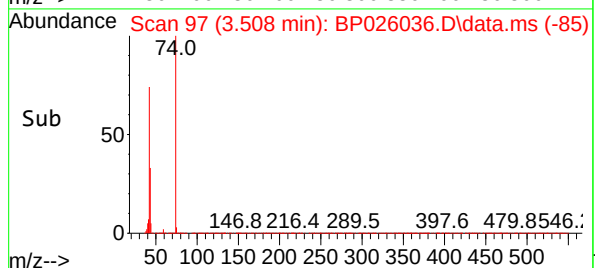
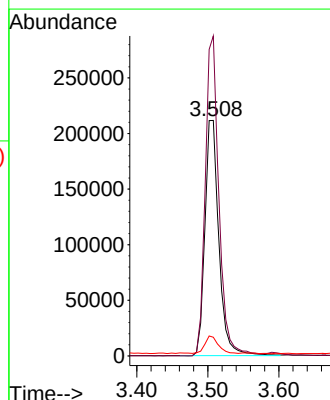
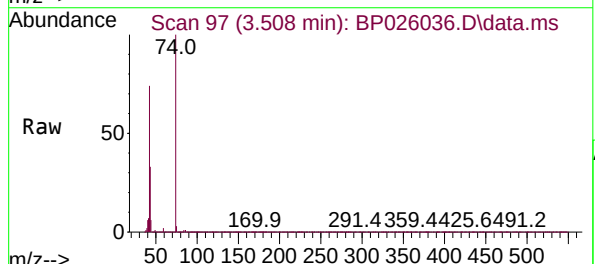
Manual Integrations
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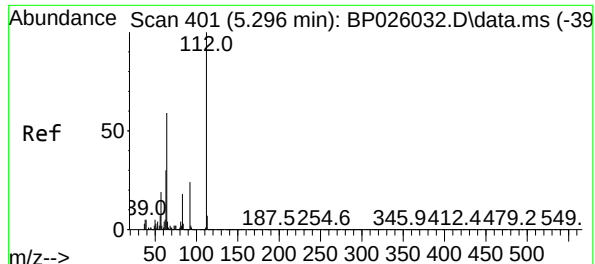
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 35.142 ng
RT: 3.508 min Scan# 97
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

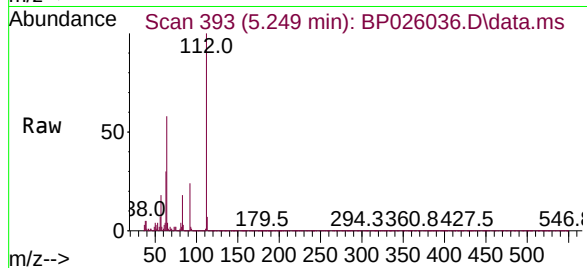
Tgt Ion: 42 Resp: 288399
Ion Ratio Lower Upper
42 100
74 135.9 105.7 158.5
44 8.0 6.6 9.8





#5
2-Fluorophenol
Concen: 68.429 ng
RT: 5.249 min Scan# 39
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

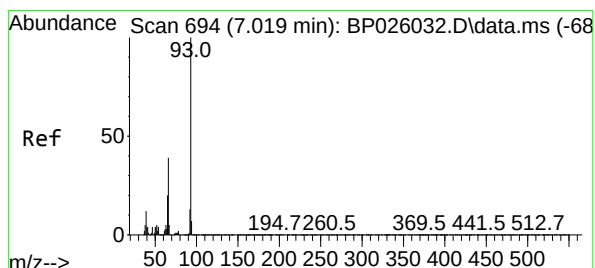
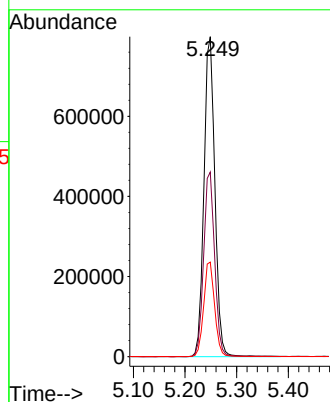
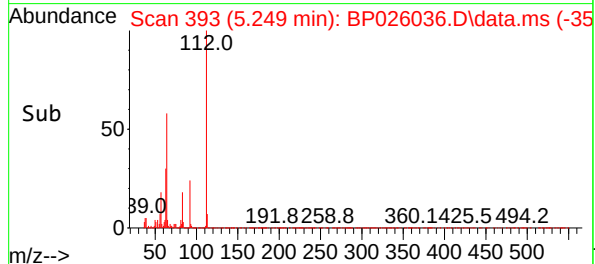
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 112 Resp: 1169189
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.2
63 29.5 24.2 36.4

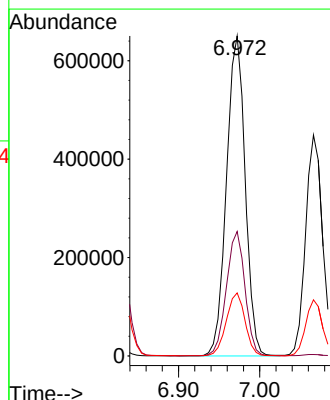
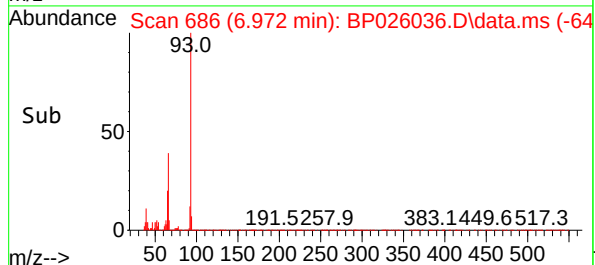
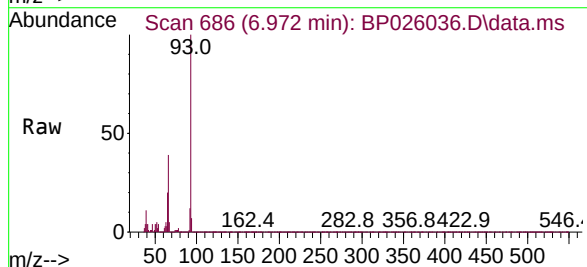
Manual Integrations
APPROVED

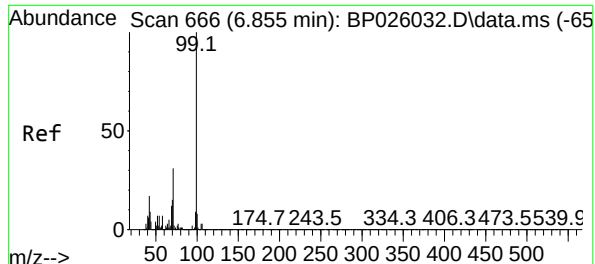
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 35.839 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

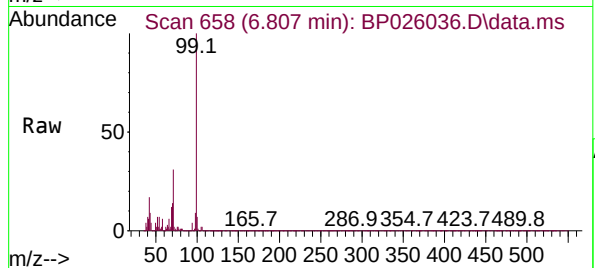
Tgt Ion: 93 Resp: 1040197
Ion Ratio Lower Upper
93 100
66 38.9 31.2 46.8
65 19.7 16.1 24.1





#7
Phenol-d6
Concen: 68.090 ng
RT: 6.807 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

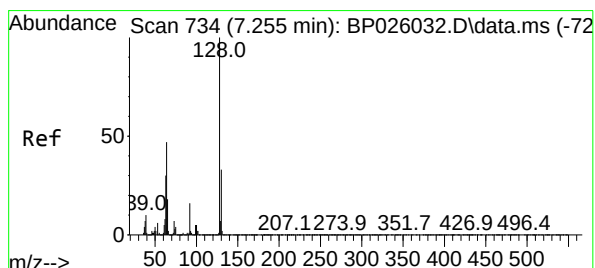
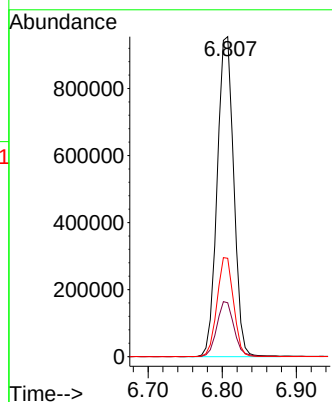
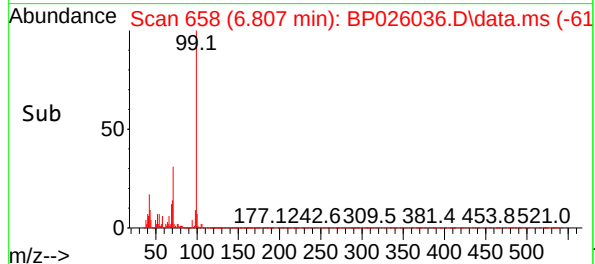
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 99 Resp: 1480783
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 30.7 24.4 36.6

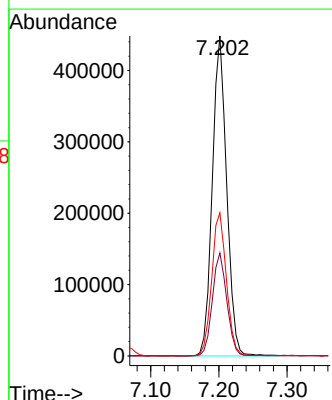
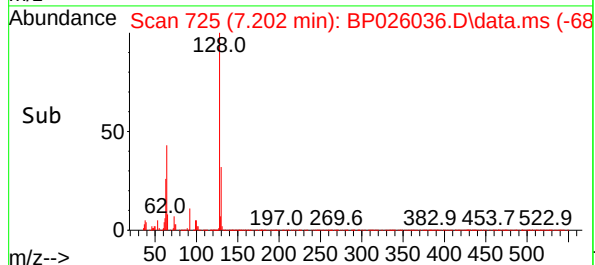
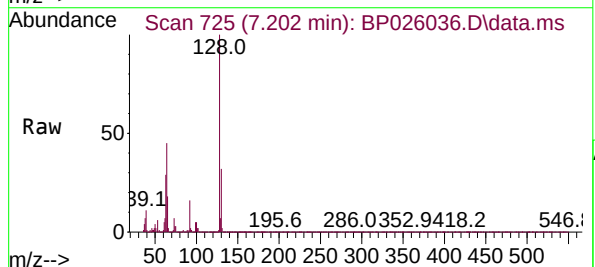
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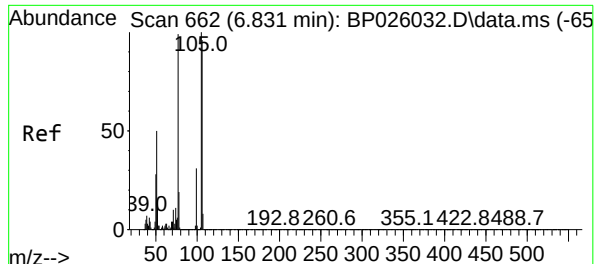
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 34.596 ng
RT: 7.202 min Scan# 725
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:128 Resp: 654572
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 44.7 27.4 67.4





#9

Benzaldehyde

Concen: 46.027 ng m

RT: 6.784 min Scan# 61

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 77 Resp: 520334

Ion Ratio Lower Upper

77 100

105 102.9 80.7 120.7

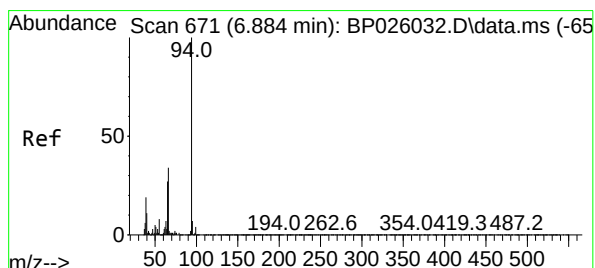
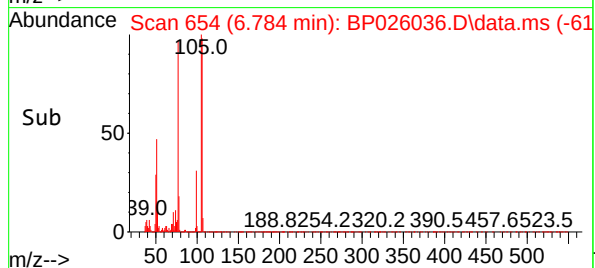
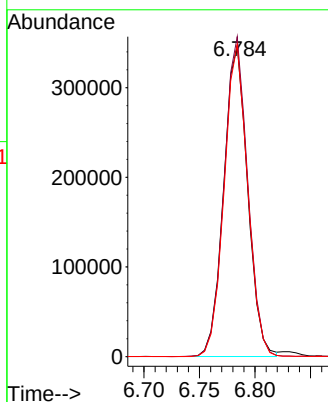
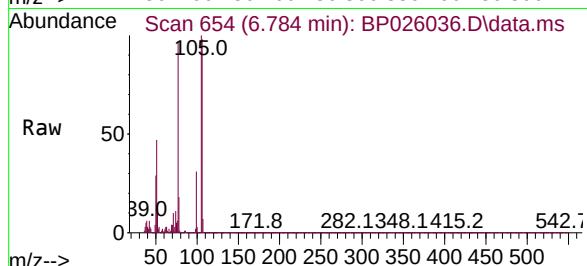
106 100.3 76.5 116.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#10

Phenol

Concen: 33.813 ng

RT: 6.831 min Scan# 662

Delta R.T. -0.053 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

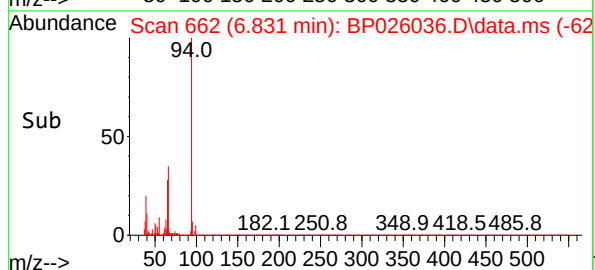
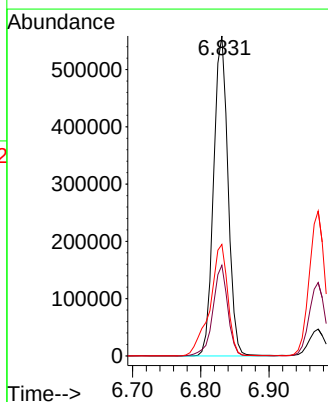
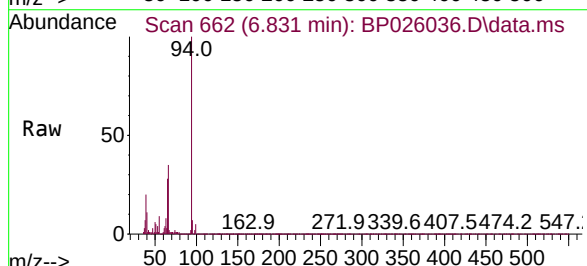
Tgt Ion: 94 Resp: 816366

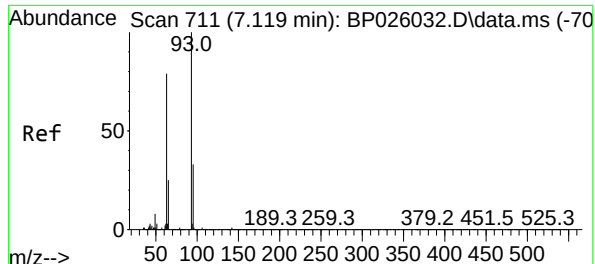
Ion Ratio Lower Upper

94 100

65 28.3 7.1 47.1

66 34.8 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 33.880 ng

RT: 7.066 min Scan# 70

Delta R.T. -0.053 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 93 Resp: 64553

Ion Ratio Lower Upper

93 100

63 79.5 59.1 99.1

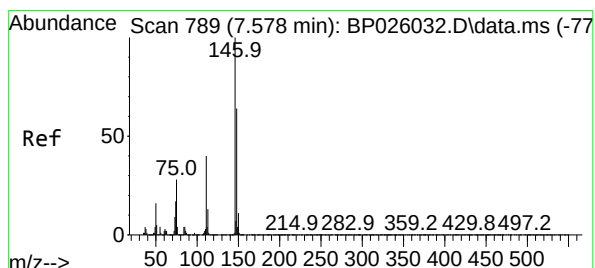
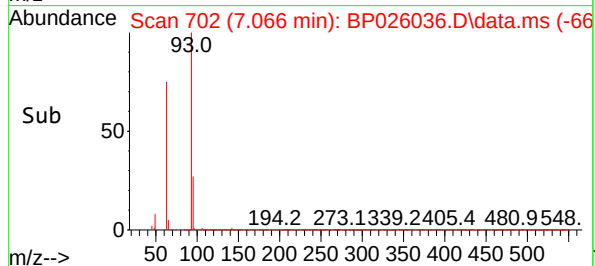
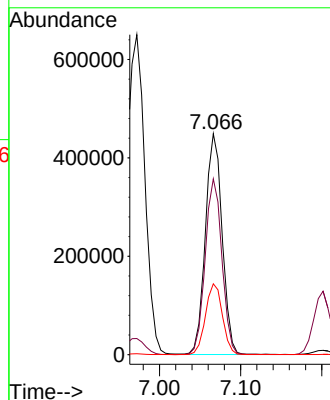
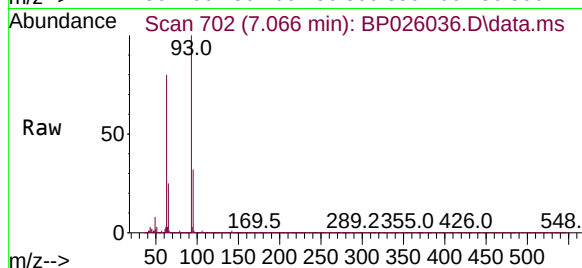
95 32.0 12.6 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 34.538 ng

RT: 7.531 min Scan# 781

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

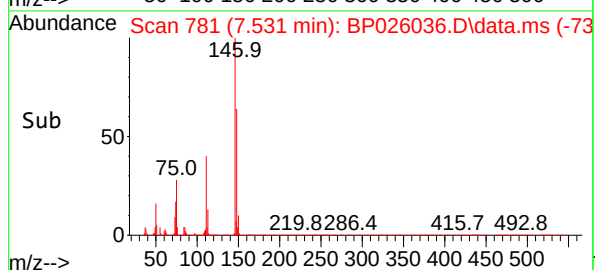
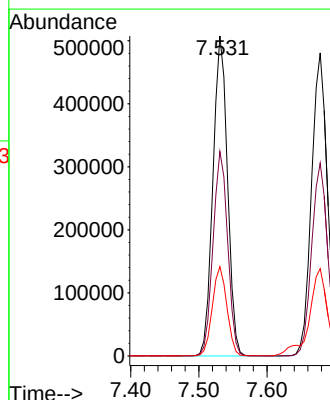
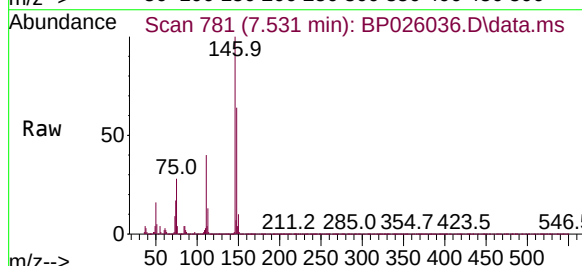
Tgt Ion:146 Resp: 750462

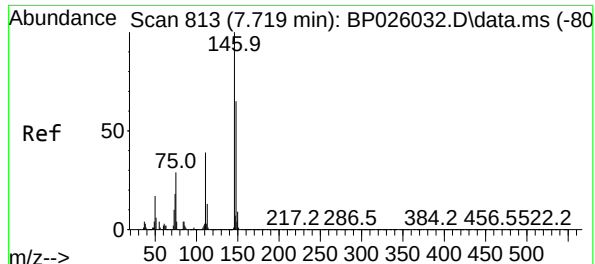
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 27.9 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 35.099 ng

RT: 7.678 min Scan# 80

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

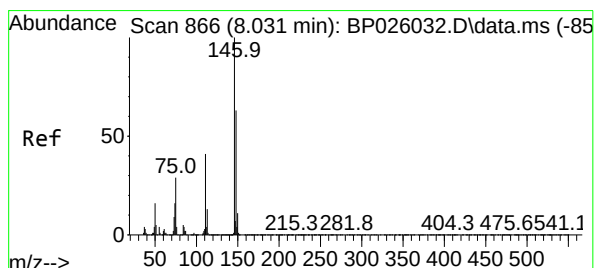
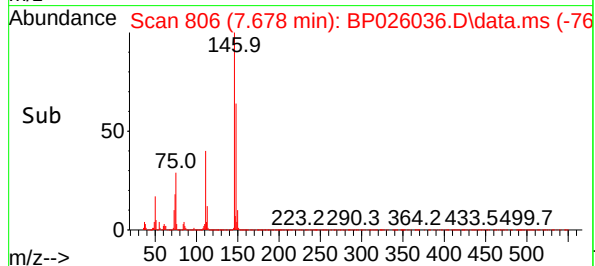
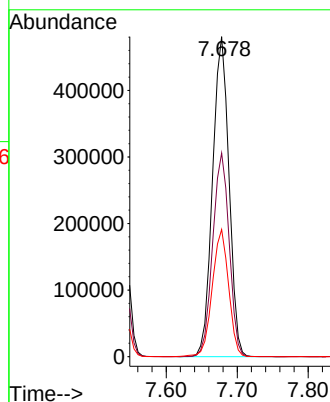
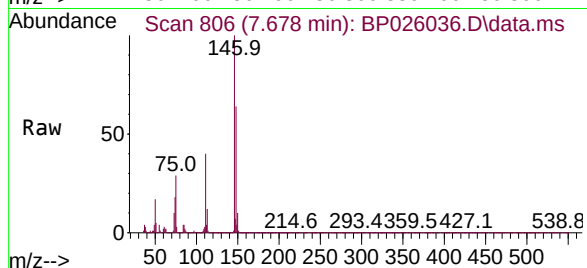
Tgt Ion:	146	Resp:	771097
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	39.7	31.3	46.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 35.092 ng

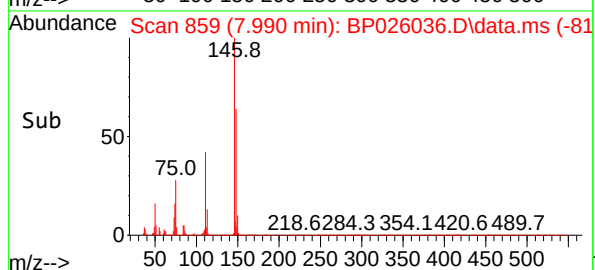
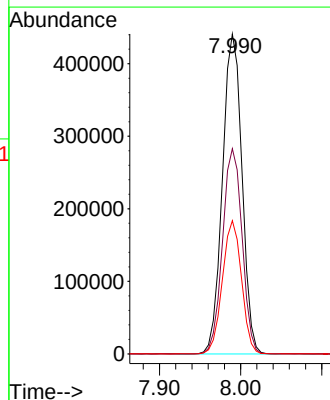
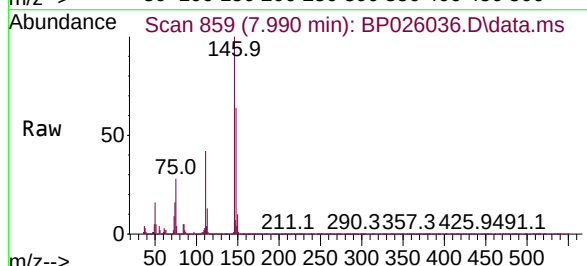
RT: 7.990 min Scan# 859

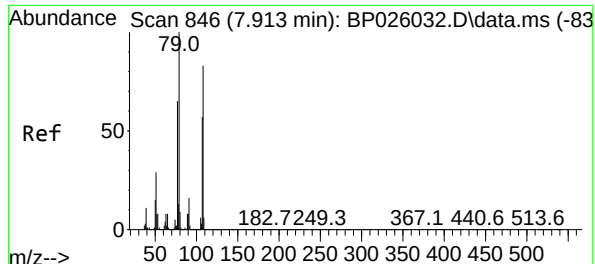
Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	146	Resp:	735657
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	41.6	33.0	49.4





#15

Benzyl Alcohol

Concen: 35.185 ng

RT: 7.866 min Scan# 846

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

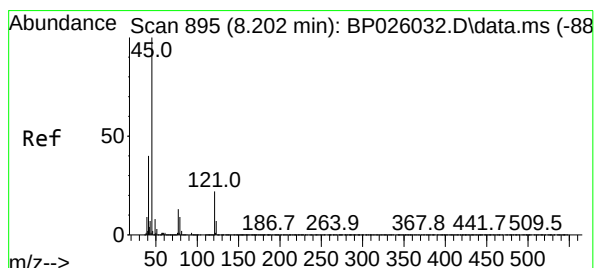
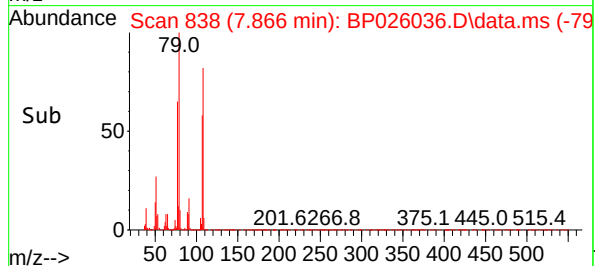
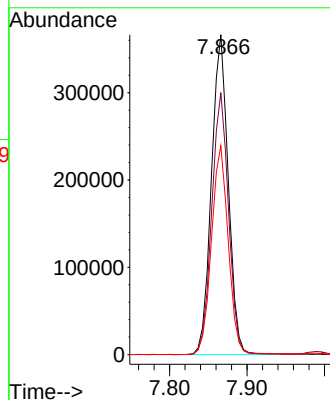
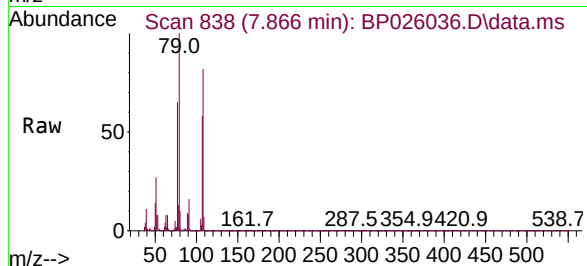
Tgt Ion: 79 Resp: 551625

Ion	Ratio	Lower	Upper
79	100		
108	81.9	66.0	99.0
77	65.3	52.3	78.5

Manual Integrations
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Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.526 ng

RT: 8.172 min Scan# 890

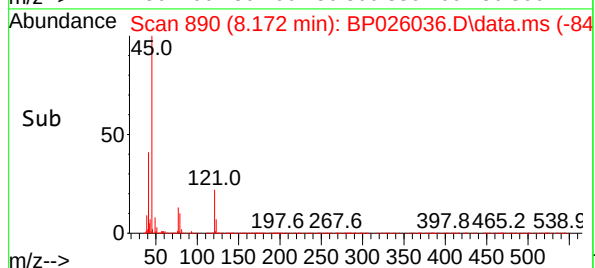
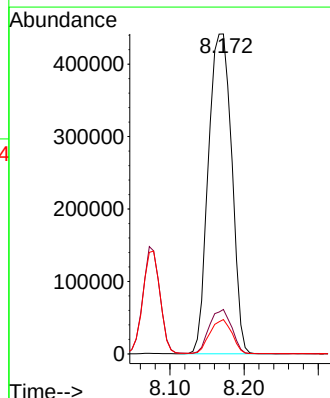
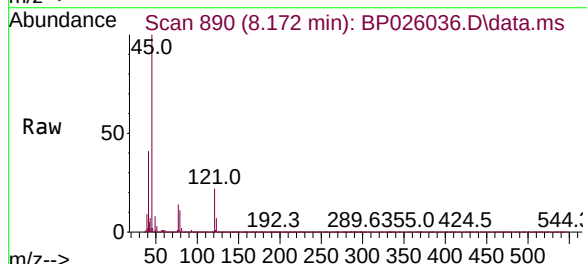
Delta R.T. -0.029 min

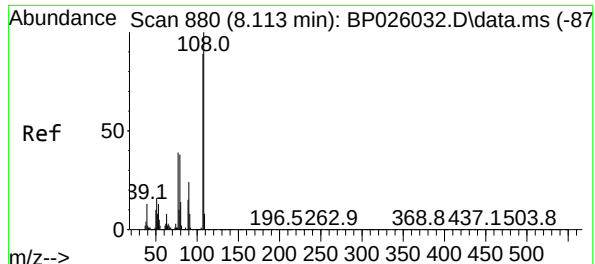
Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion: 45 Resp: 965445

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.2
79	10.7	0.0	29.5





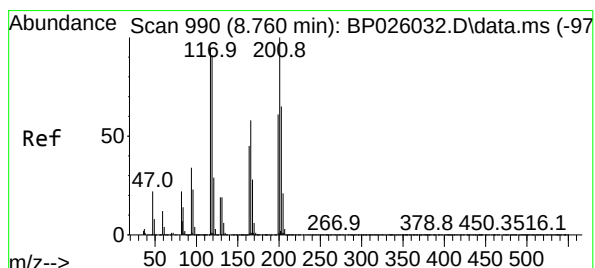
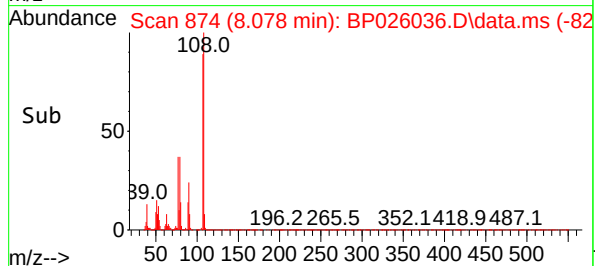
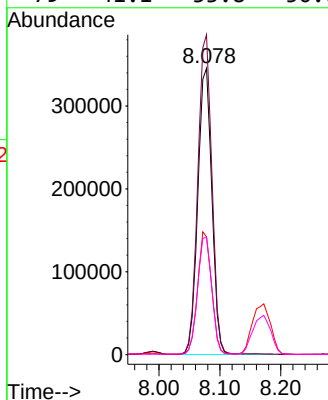
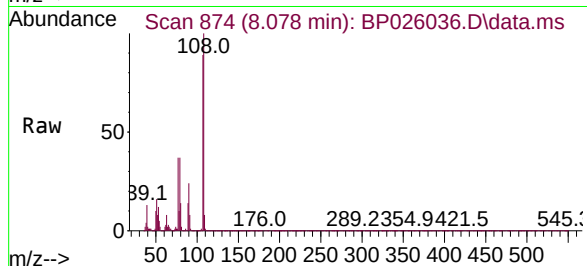
#17
2-Methylphenol
Concen: 34.998 ng
RT: 8.078 min Scan# 81
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:107 Resp: 553305
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.8
77 41.1 34.8 52.2
79 41.1 33.8 50.6

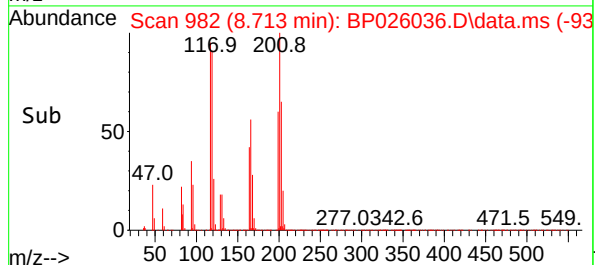
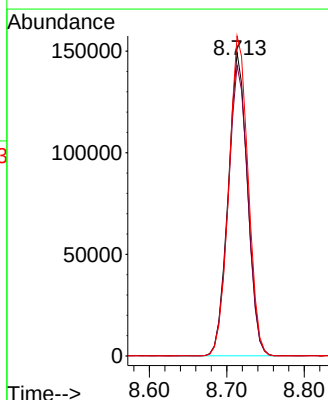
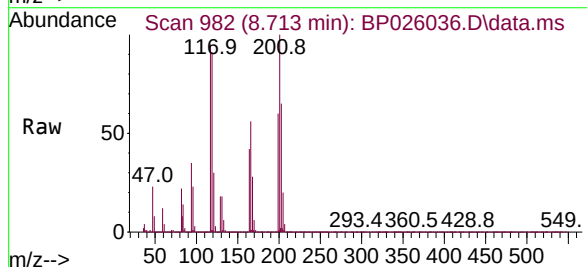
Manual Integrations
APPROVED

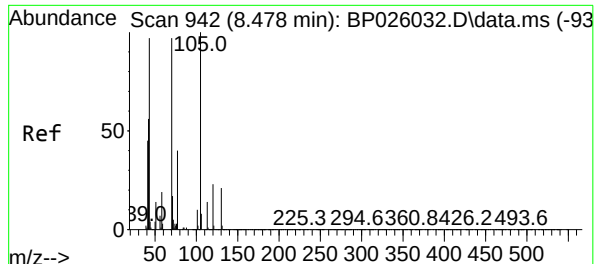
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 34.560 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:117 Resp: 259803
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 105.5 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.340 ng

RT: 8.443 min Scan# 91

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 70 Resp: 490575

Ion Ratio Lower Upper

70 100

42 57.5 47.2 70.8

101 9.9 8.2 12.2

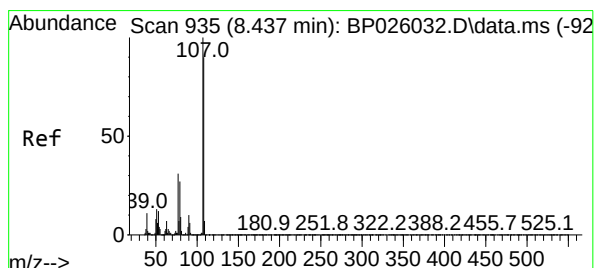
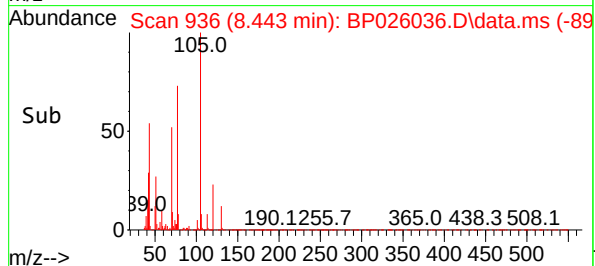
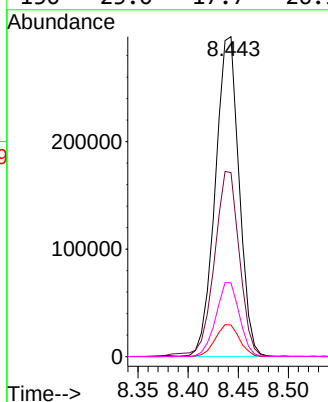
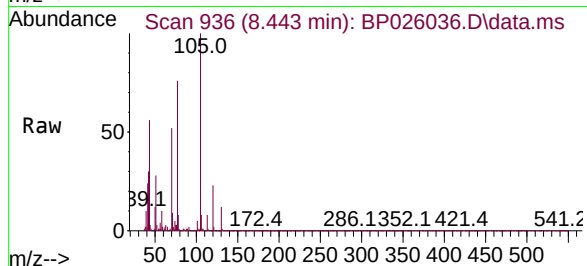
130 23.0 17.7 26.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 34.245 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:107 Resp: 753178

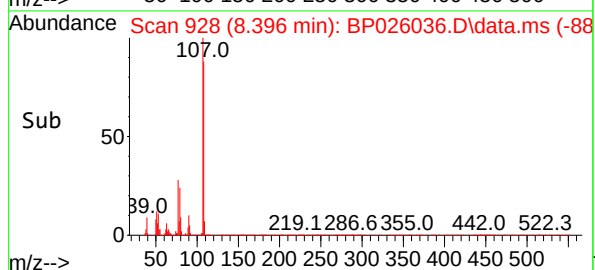
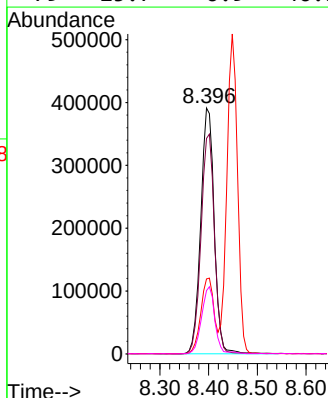
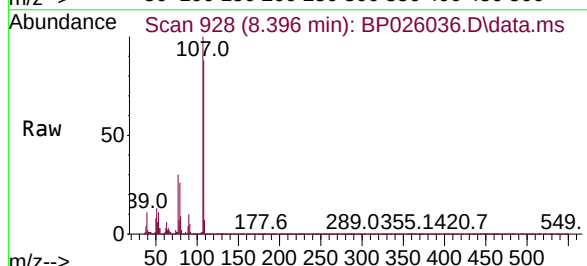
Ion Ratio Lower Upper

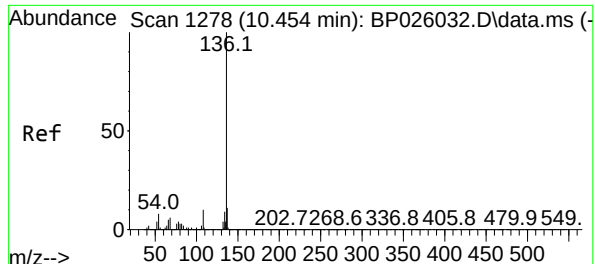
107 100

108 87.6 70.1 110.1

77 30.5 10.7 50.7

79 25.7 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.413 min Scan# 11

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:136 Resp: 1165829

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 6.6 10.0

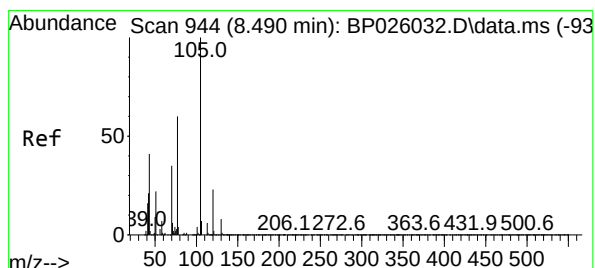
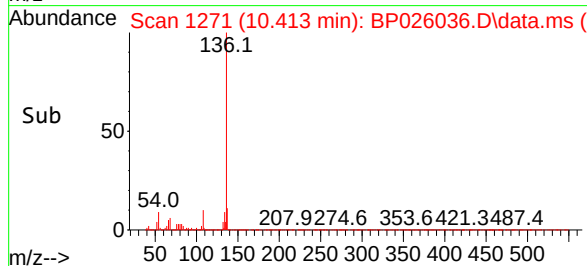
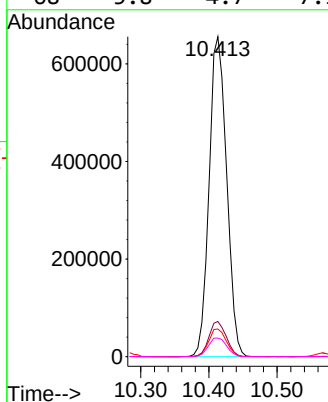
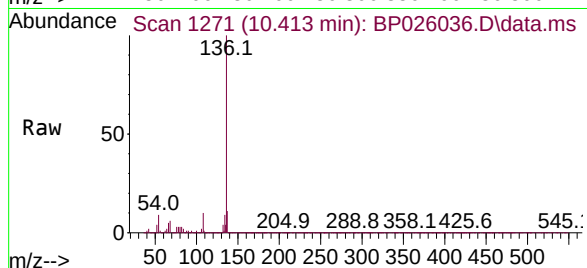
68 5.8 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 35.756 ng

RT: 8.449 min Scan# 937

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:105 Resp: 1054241

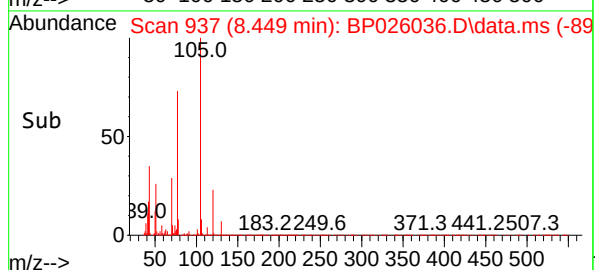
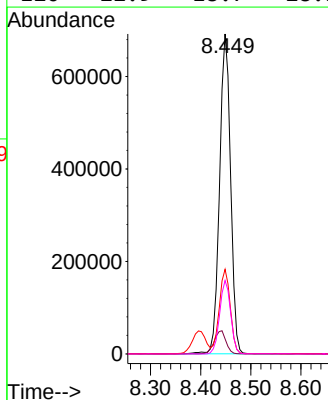
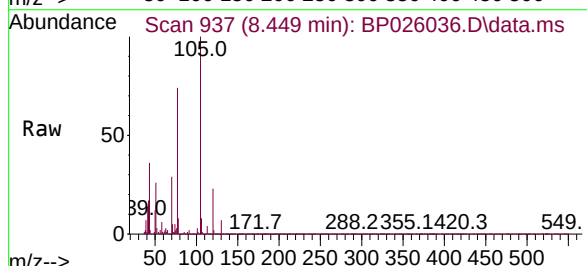
Ion Ratio Lower Upper

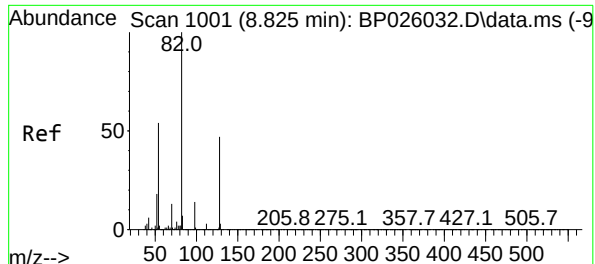
105 100

71 4.7 4.7 7.1#

51 26.4 21.8 32.8

120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 68.652 ng

RT: 8.784 min Scan# 994

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 82 Resp: 128388

Ion Ratio Lower Upper

82 100

128 46.3 37.4 56.0

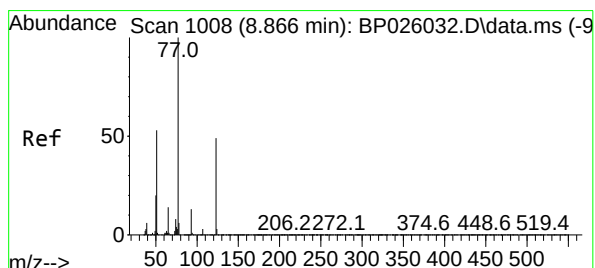
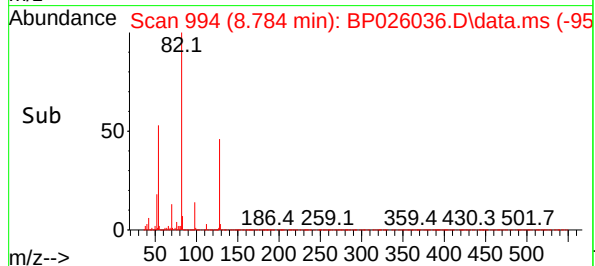
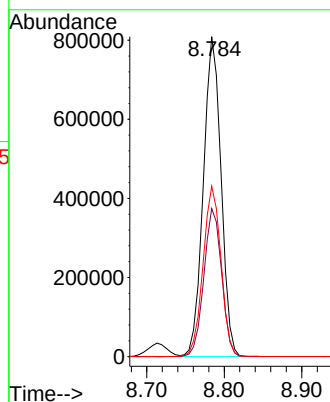
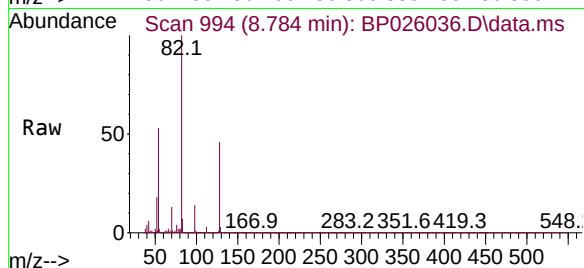
54 53.2 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 34.825 ng

RT: 8.825 min Scan# 1001

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

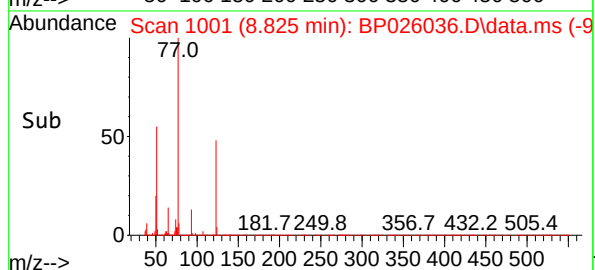
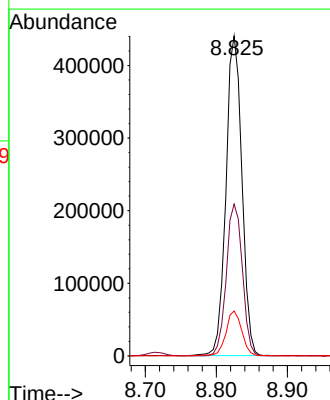
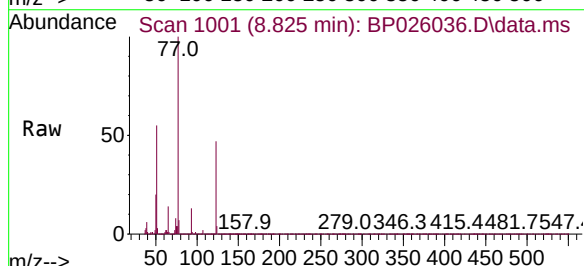
Tgt Ion: 77 Resp: 687636

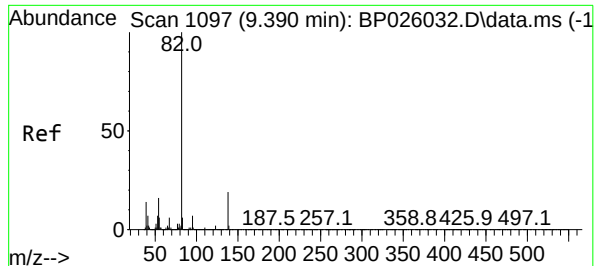
Ion Ratio Lower Upper

77 100

123 47.5 39.0 58.4

65 14.0 10.9 16.3





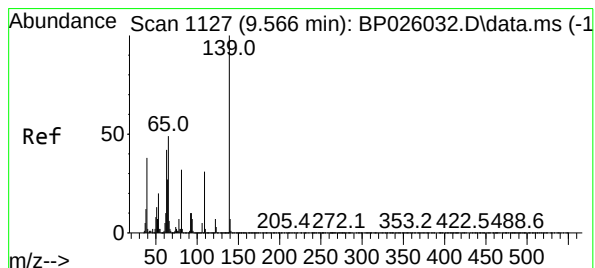
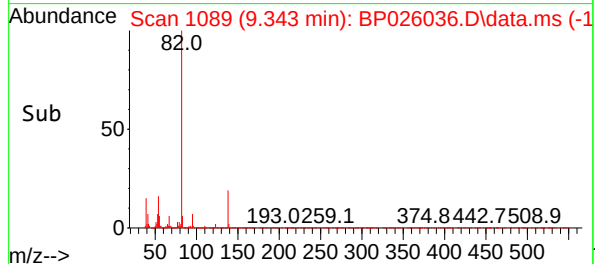
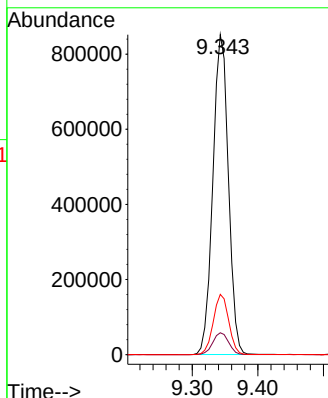
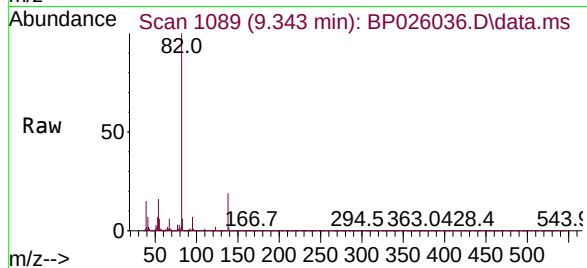
#25
Isophorone
Concen: 35.069 ng
RT: 9.343 min Scan# 1097
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion: 82 Resp: 1403746
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.8 15.0 22.6

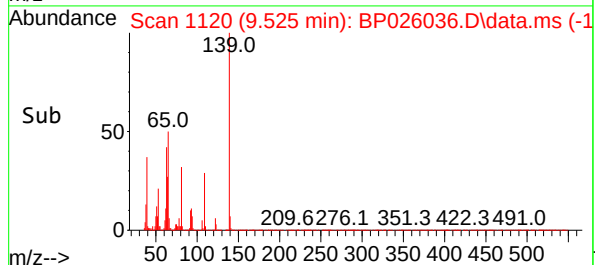
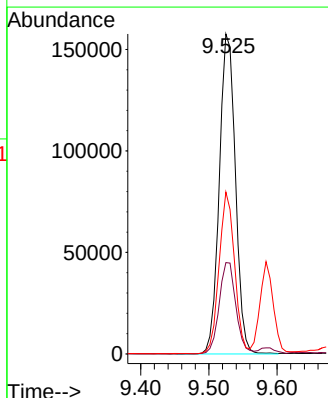
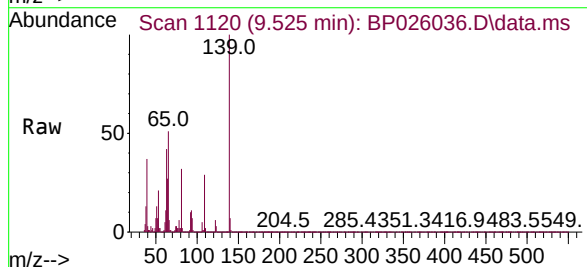
Manual Integrations
APPROVED

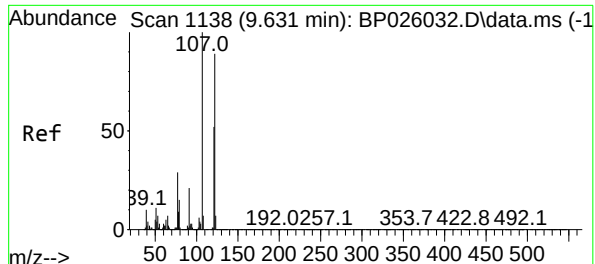
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 36.106 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:139 Resp: 257308
Ion Ratio Lower Upper
139 100
109 28.5 24.8 37.2
65 50.6 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 37.573 ng

RT: 9.584 min Scan# 1130

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

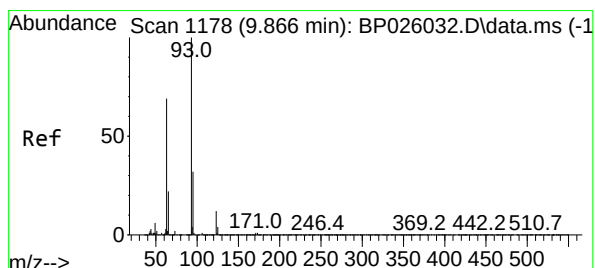
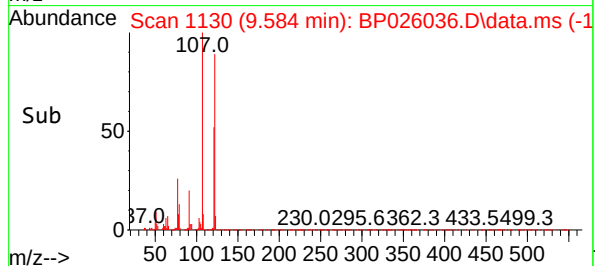
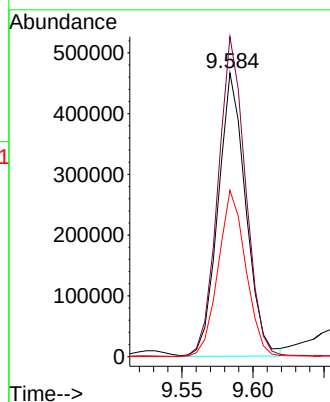
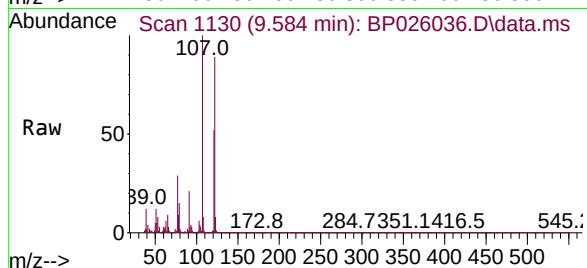
Tgt Ion:	122	Resp:	63245
Ion Ratio	Lower	Upper	
122	100		
107	112.9	89.2	133.8
121	58.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 34.454 ng

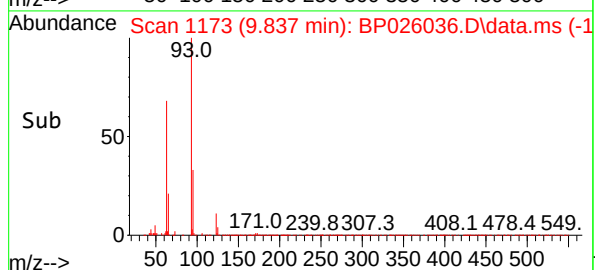
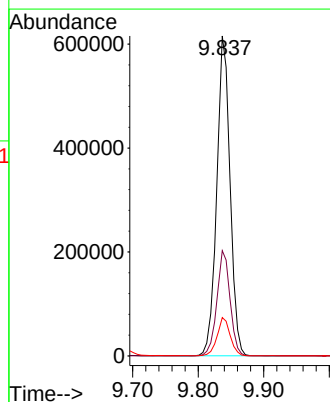
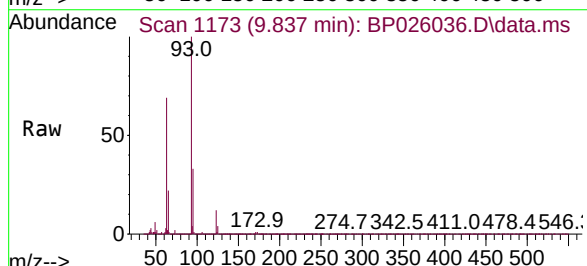
RT: 9.837 min Scan# 1173

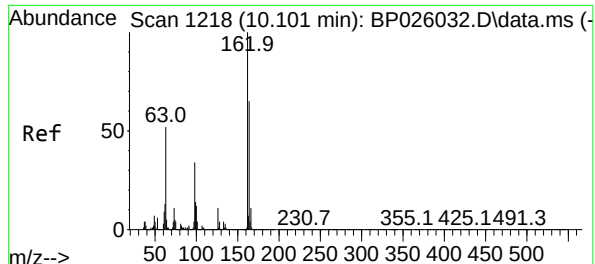
Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	93	Resp:	869155
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.6
123	12.0	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 34.599 ng

RT: 10.060 min Scan# 1211

Delta R.T. -0.035 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:162 Resp: 614929

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

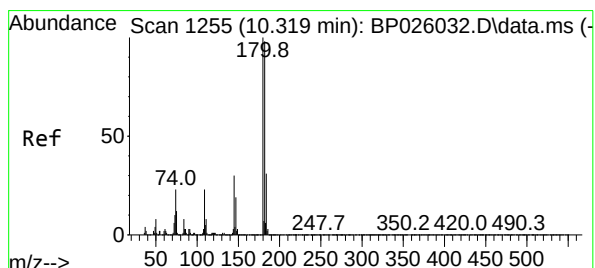
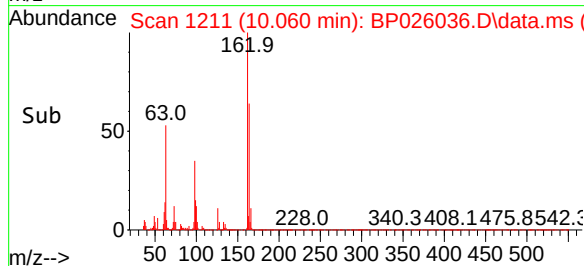
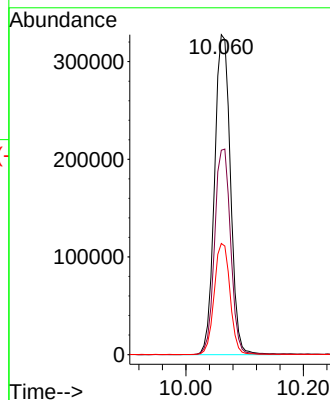
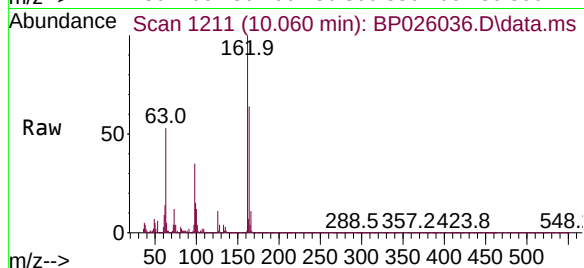
98 34.8 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 35.441 ng

RT: 10.278 min Scan# 1248

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

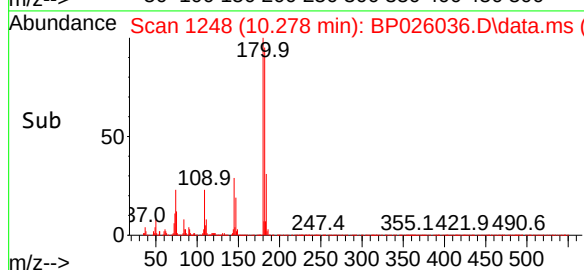
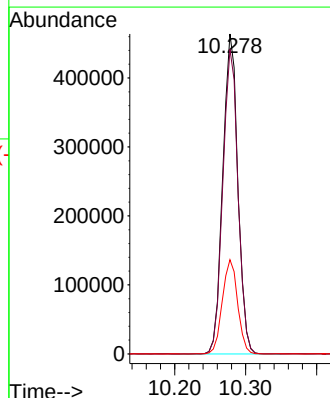
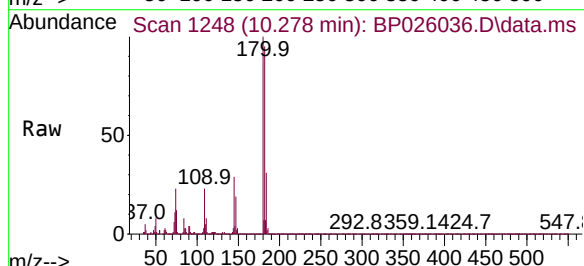
Tgt Ion:180 Resp: 684636

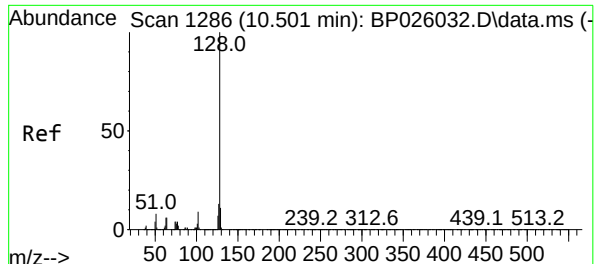
Ion Ratio Lower Upper

180 100

182 95.2 78.6 117.8

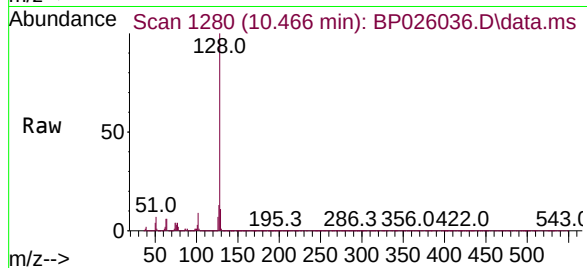
145 29.4 24.2 36.4





#31
Naphthalene
Concen: 33.888 ng
RT: 10.466 min Scan# 1148
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

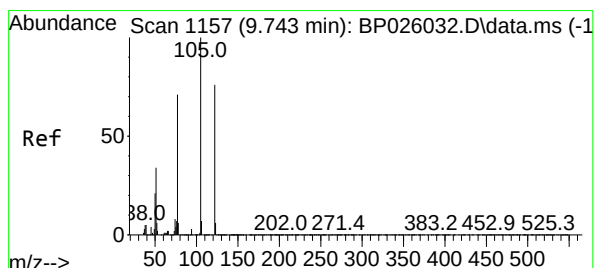
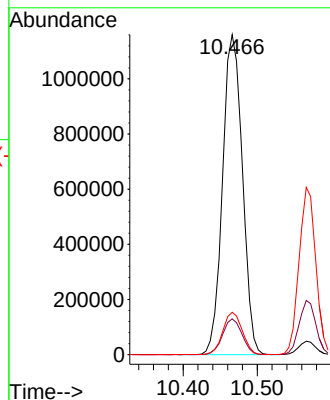
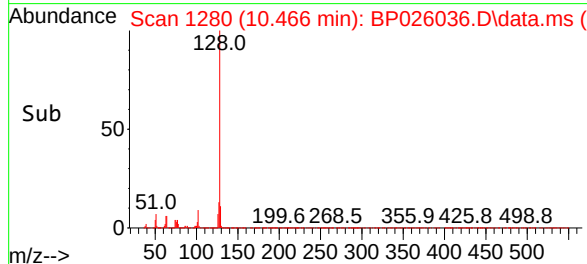
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:128 Resp: 2154430
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.5 15.7

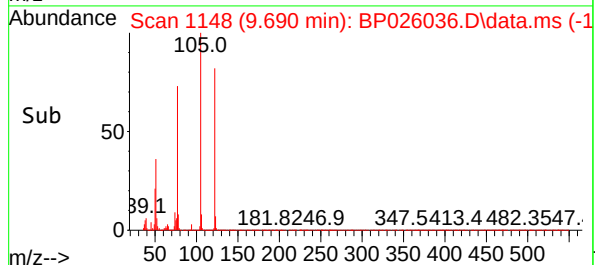
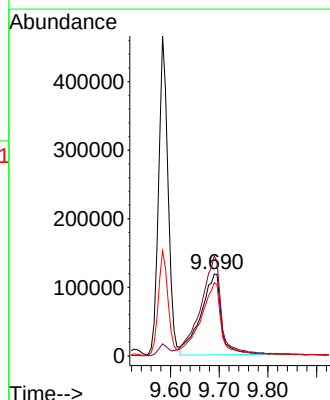
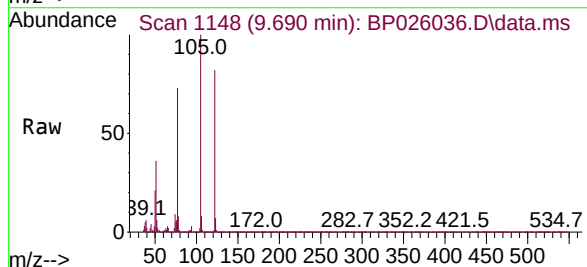
Manual Integrations
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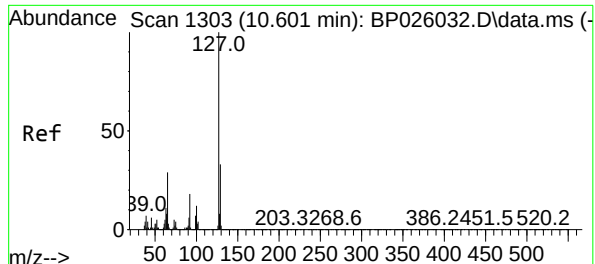
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 37.646 ng
RT: 9.690 min Scan# 1148
Delta R.T. -0.088 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:122 Resp: 351760
Ion Ratio Lower Upper
122 100
105 121.9 104.8 144.8
77 89.5 70.9 110.9





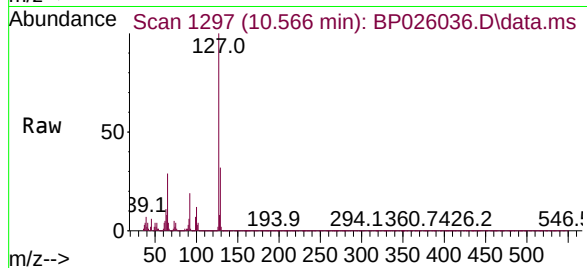
#33
4-Chloroaniline
Concen: 38.877 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925



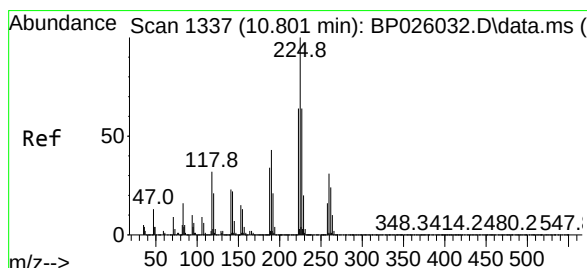
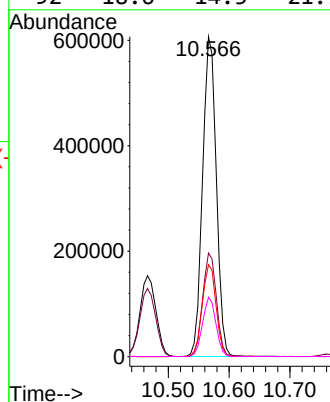
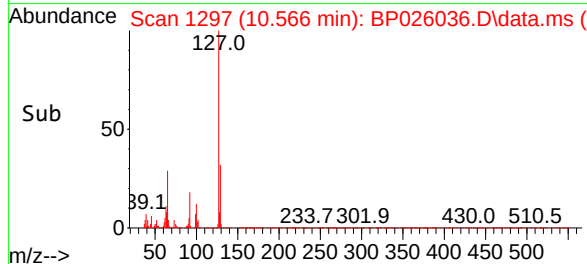
Tgt Ion:127 Resp: 949772
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 28.7 23.2 34.8
92 18.6 14.5 21.7

Manual Integrations

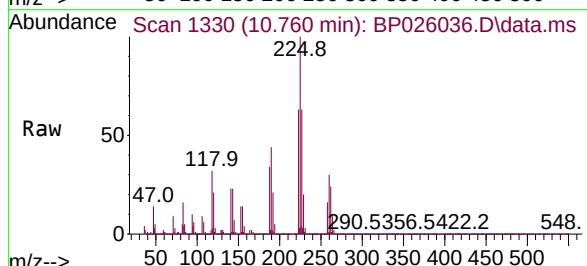
APPROVED

Reviewed By :Rahul Chavli 10/30/2025

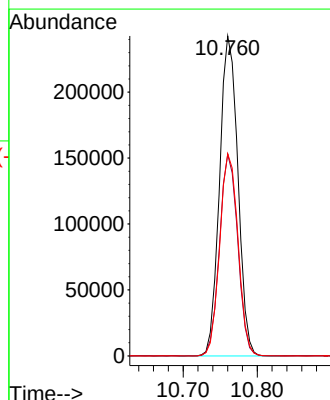
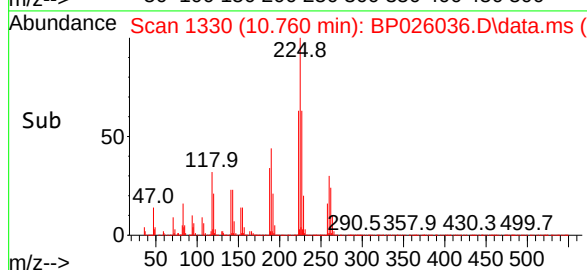
Supervised By :Jagrut Upadhyay 11/04/2025

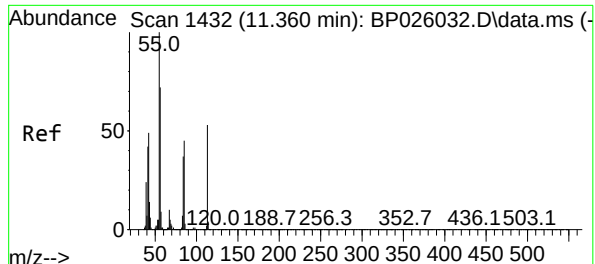


#34
Hexachlorobutadiene
Concen: 33.876 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



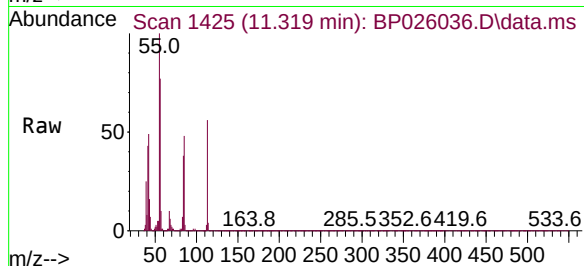
Tgt Ion:225 Resp: 415865
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.2 51.0 76.4





#35
Caprolactam
Concen: 34.833 ng
RT: 11.319 min Scan# 1432
Delta R.T. -0.065 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

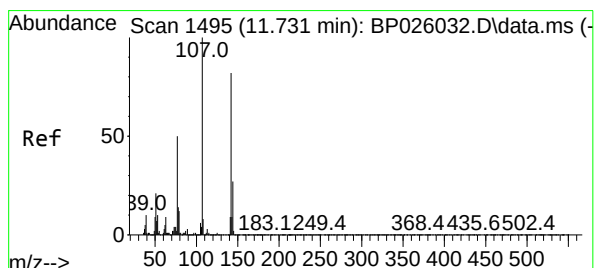
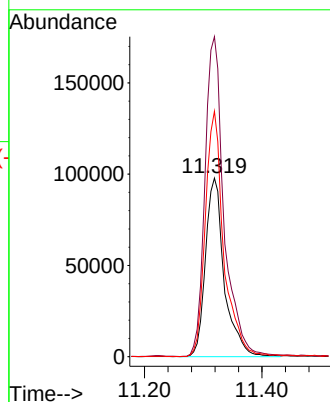
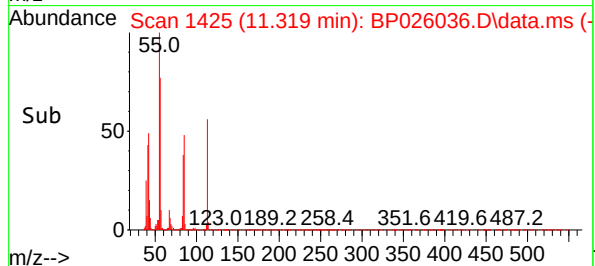
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:113 Resp: 21740
Ion Ratio Lower Upper
113 100
55 179.2 169.9 209.9
56 137.4 116.7 156.7

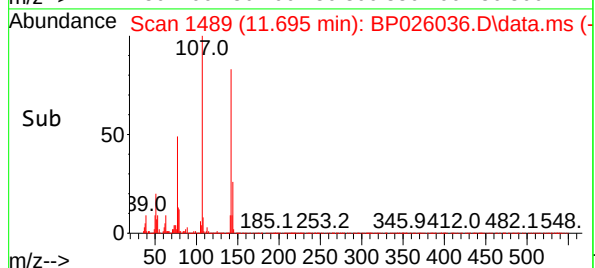
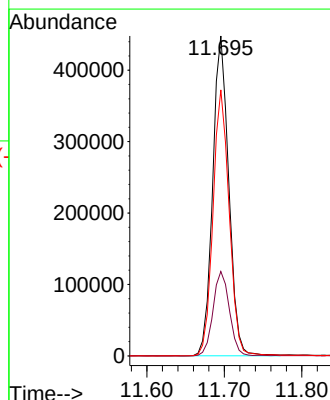
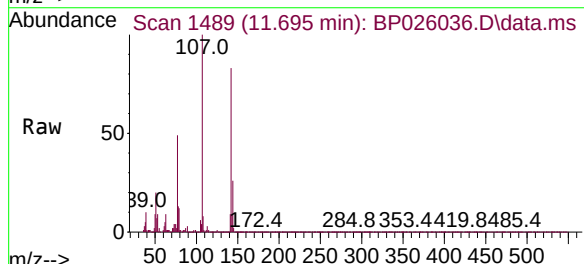
Manual Integrations
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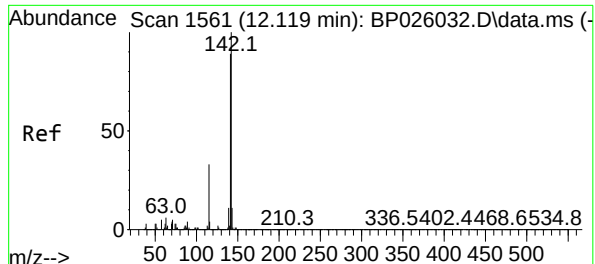
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 34.690 ng
RT: 11.695 min Scan# 1489
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

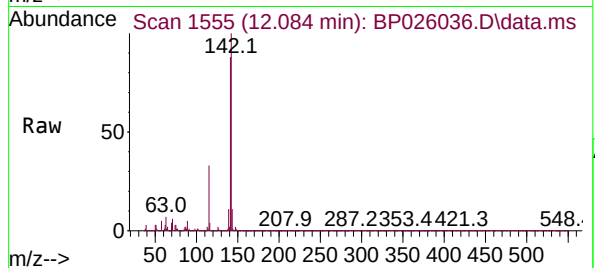
Tgt Ion:107 Resp: 646328
Ion Ratio Lower Upper
107 100
144 26.4 21.3 31.9
142 83.1 65.2 97.8





#37
2-Methylnaphthalene
Concen: 30.988 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

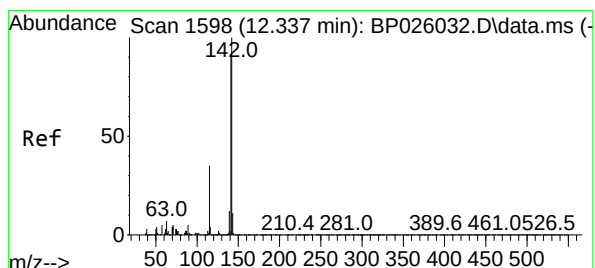
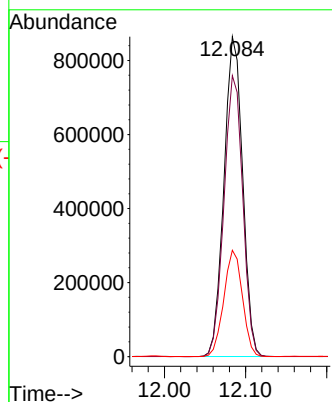
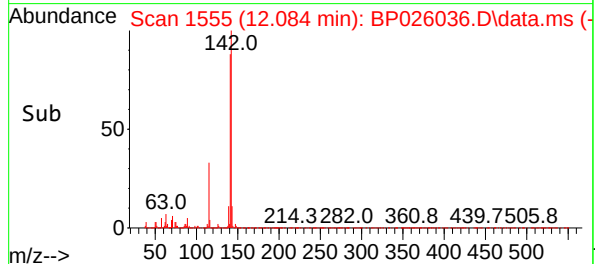
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



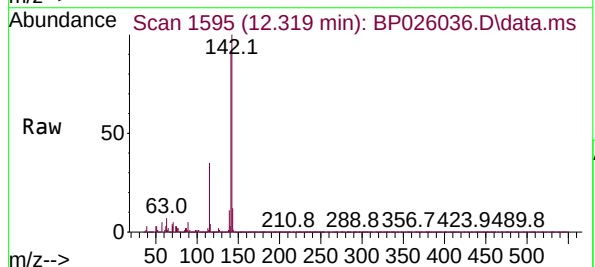
Tgt Ion:142 Resp: 1378858
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 33.2 26.6 39.8

Manual Integrations
APPROVED

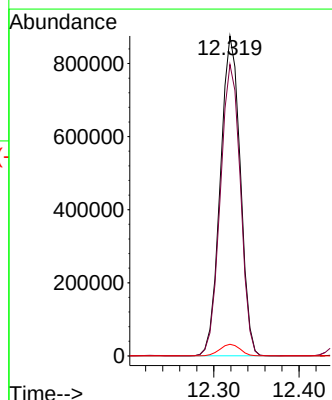
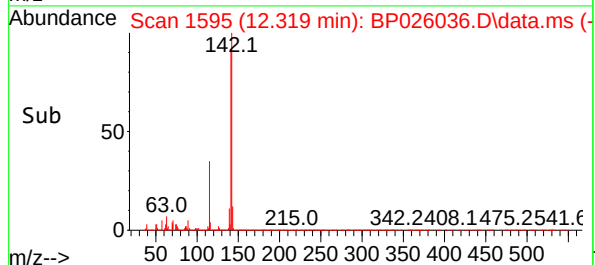
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

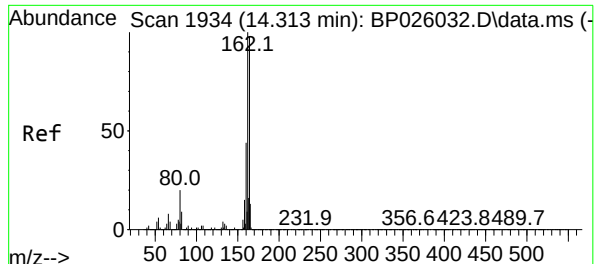


#38
1-Methylnaphthalene
Concen: 32.934 ng
RT: 12.319 min Scan# 1595
Delta R.T. -0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



Tgt Ion:142 Resp: 1423665
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:164 Resp: 734180

Ion Ratio Lower Upper

164 100

162 102.2 81.5 122.3

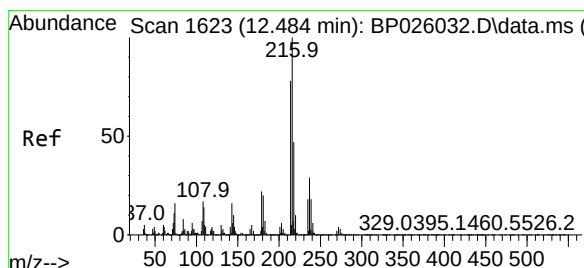
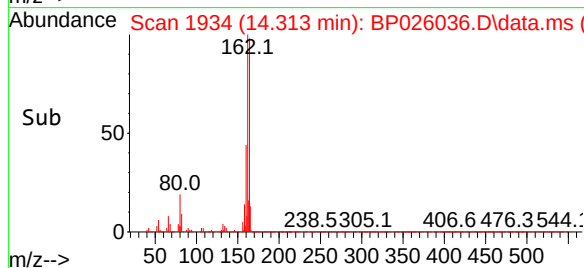
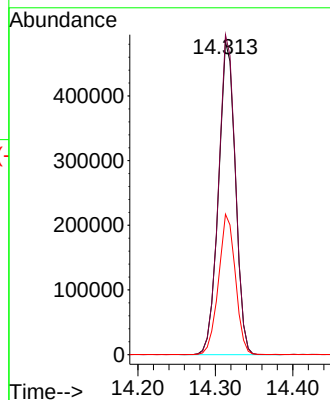
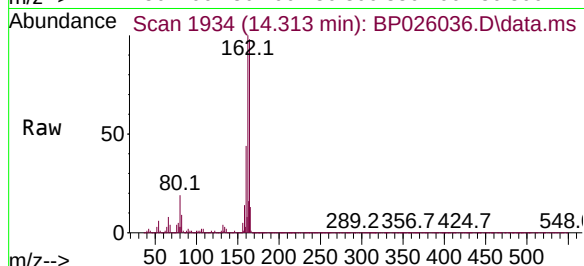
160 44.8 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.481 ng

RT: 12.460 min Scan# 1619

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:216 Resp: 786568

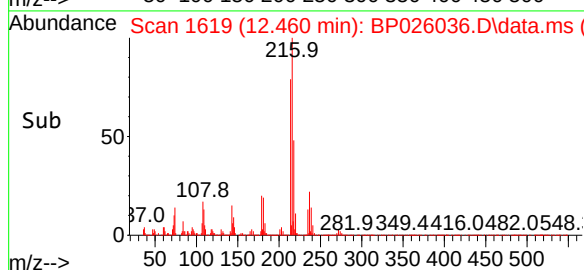
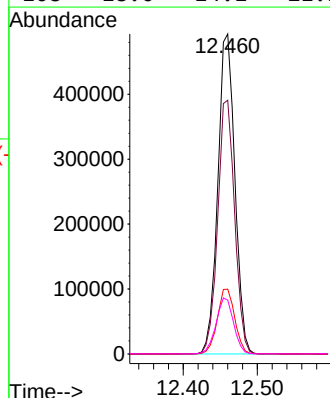
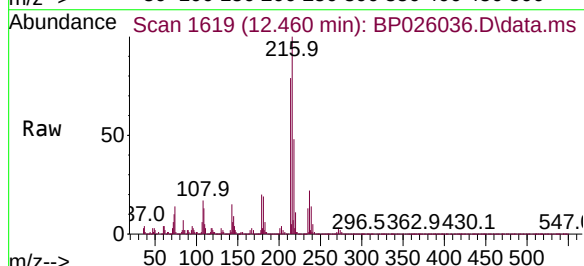
Ion Ratio Lower Upper

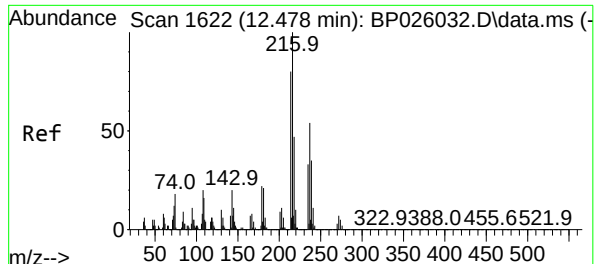
216 100

214 78.8 62.9 94.3

179 20.7 16.9 25.3

108 18.0 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 47.197 ng

RT: 12.448 min Scan# 1617

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

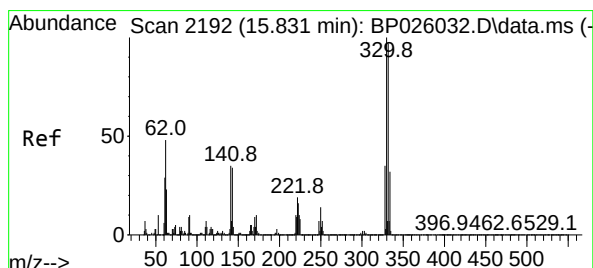
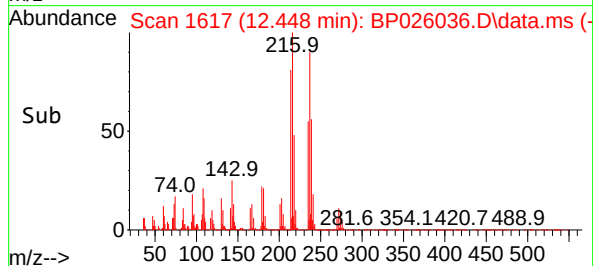
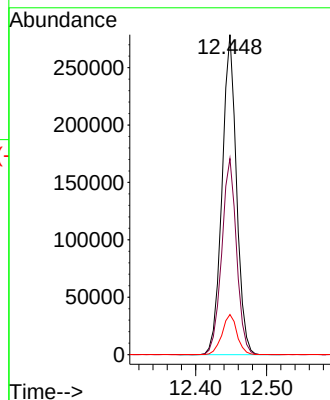
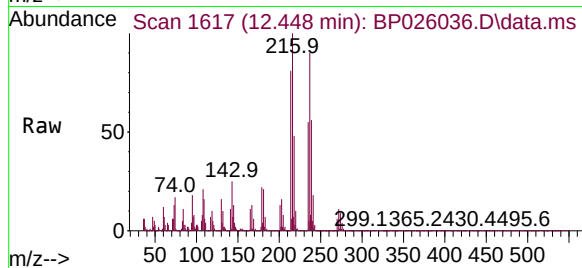
ICVBP102925

Tgt Ion:	237	Resp:	393924
Ion Ratio	Lower	Upper	
237	100		
235	61.3	40.4	80.4
272	12.5	0.0	32.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#42

2,4,6-Tribromophenol

Concen: 72.809 ng

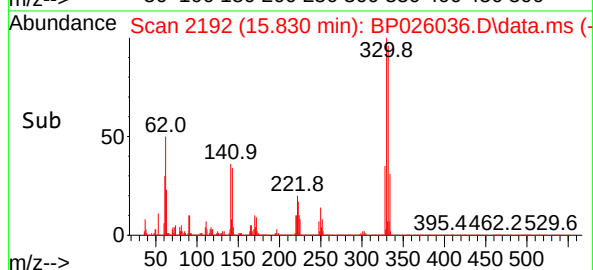
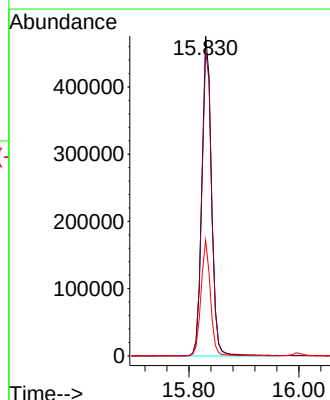
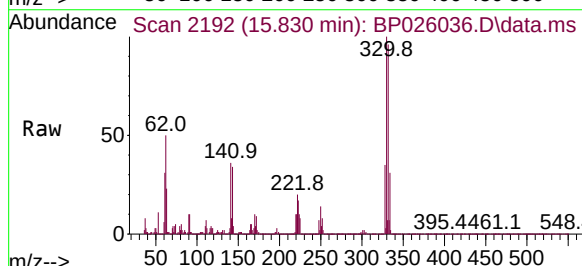
RT: 15.830 min Scan# 2192

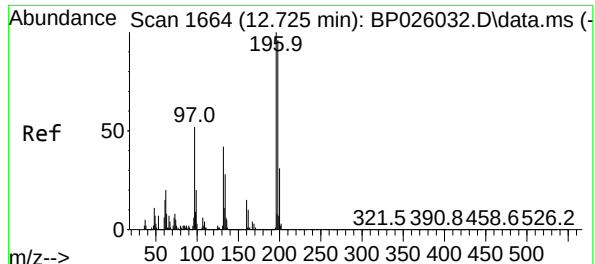
Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	330	Resp:	577899
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	35.1	28.6	42.8





#43

2,4,6-Trichlorophenol

Concen: 36.282 ng

RT: 12.701 min Scan# 1660

Delta R.T. -0.023 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:196 Resp: 489212

Ion Ratio Lower Upper

196 100

198 95.1 76.5 114.7

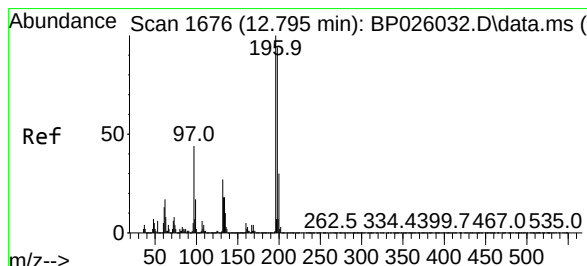
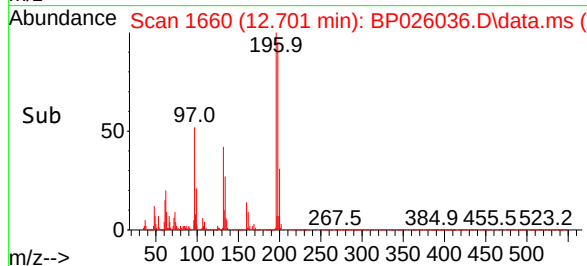
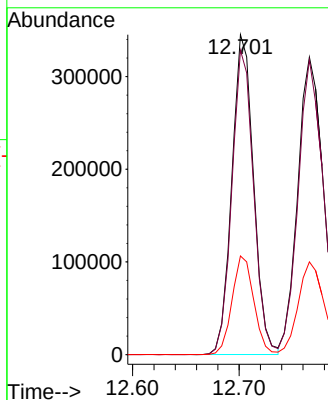
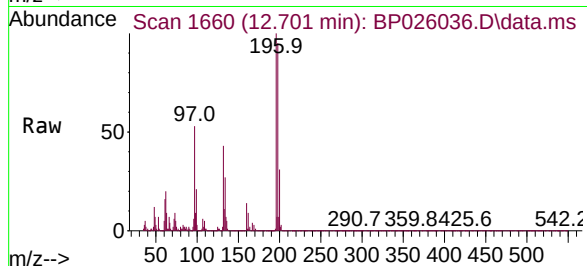
200 30.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 35.326 ng

RT: 12.766 min Scan# 1671

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:196 Resp: 543516

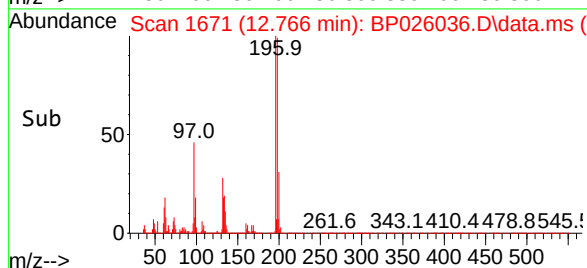
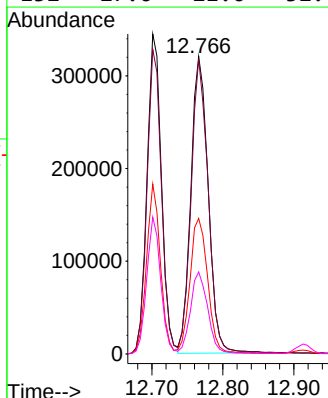
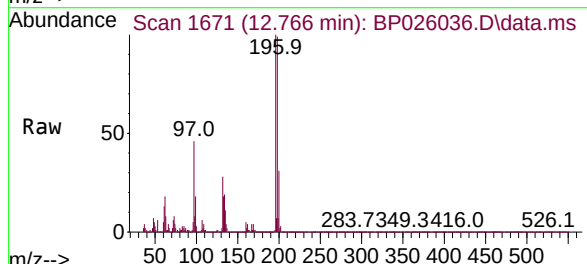
Ion Ratio Lower Upper

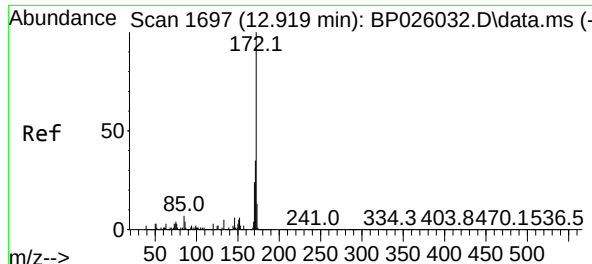
196 100

198 99.1 75.1 112.7

97 45.5 35.5 53.3

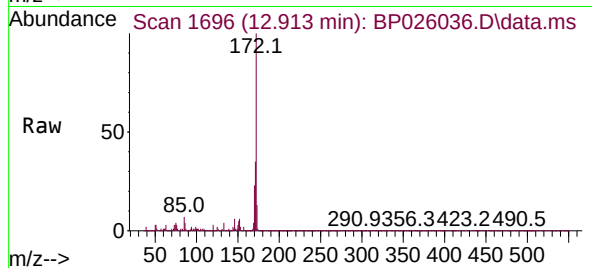
132 27.6 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 67.037 ng
RT: 12.913 min Scan# 1697
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

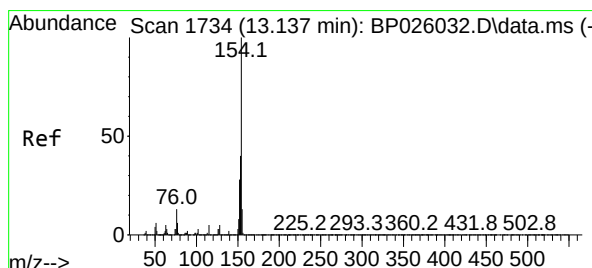
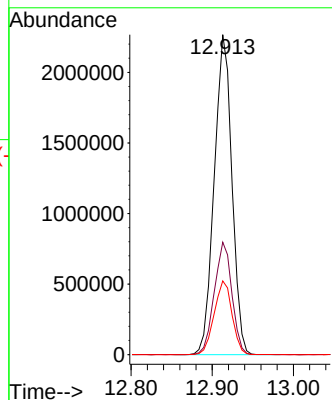
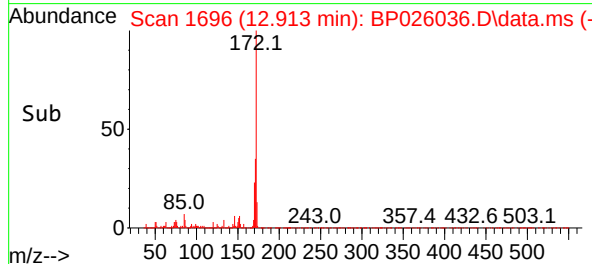
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:172 Resp: 342517
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.0 19.0 28.4

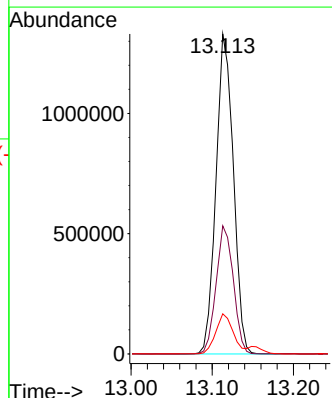
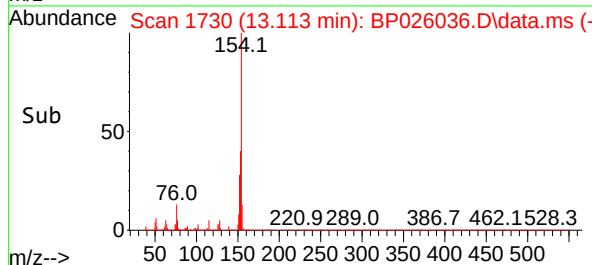
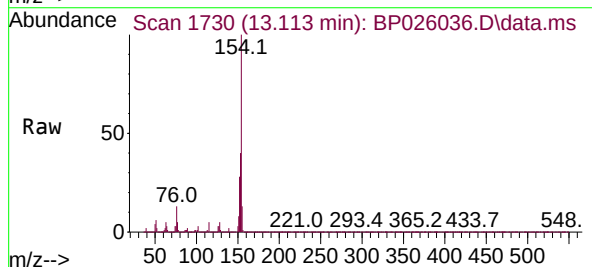
Manual Integrations
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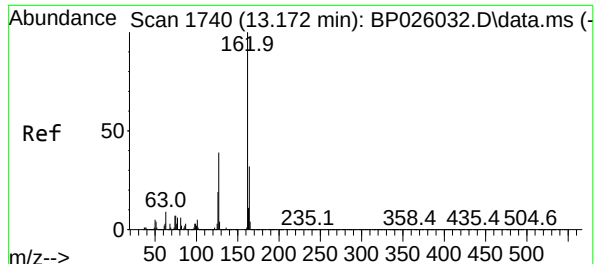
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#46
1,1'-Biphenyl
Concen: 35.073 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

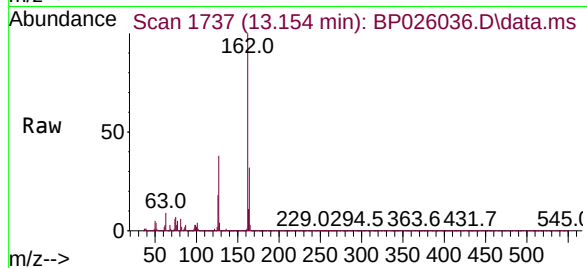
Tgt Ion:154 Resp: 1971667
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 33.277 ng
RT: 13.154 min Scan# 1737
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

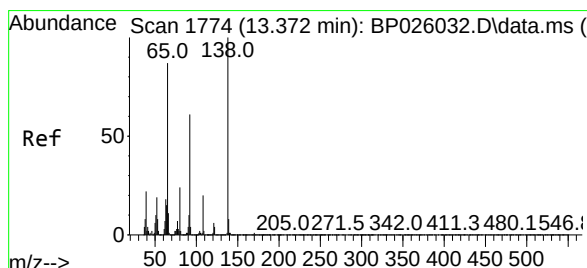
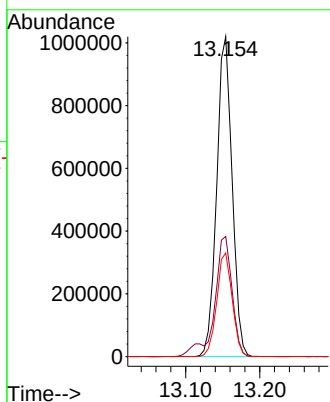
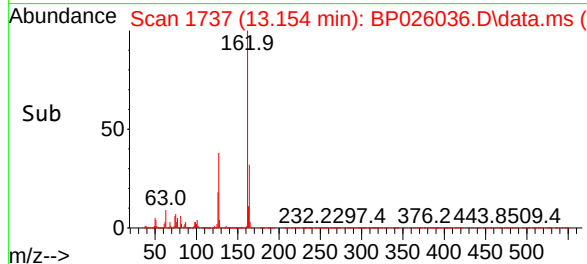
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:162 Resp: 1471874
Ion Ratio Lower Upper
162 100
127 37.6 31.4 47.2
164 32.4 25.9 38.9

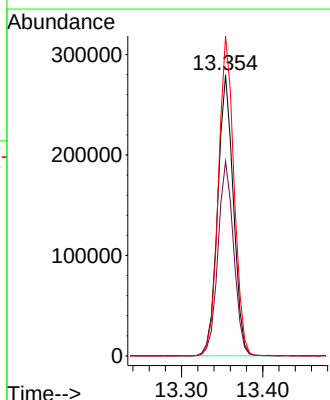
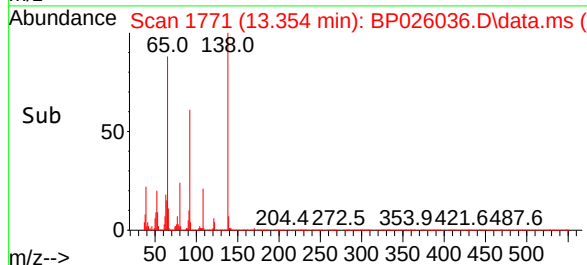
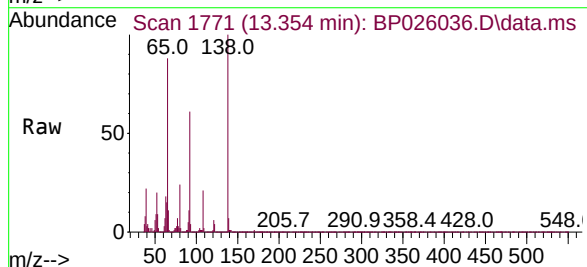
Manual Integrations
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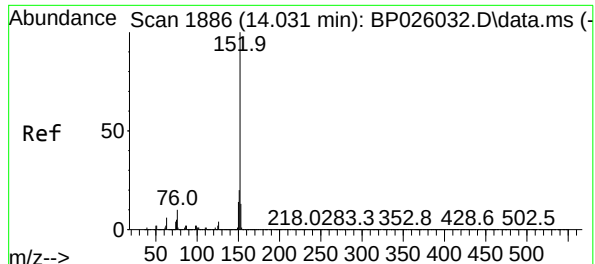
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#48
2-Nitroaniline
Concen: 33.821 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 65 Resp: 374554
Ion Ratio Lower Upper
65 100
92 69.2 55.5 83.3
138 113.8 91.7 137.5





#49
Acenaphthylene
Concen: 38.923 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

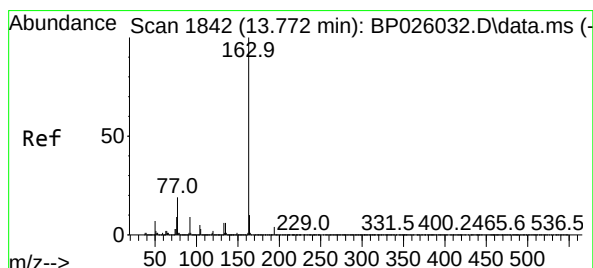
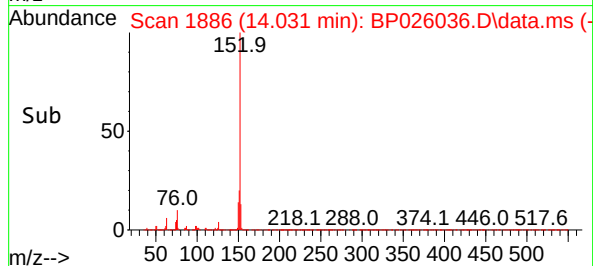
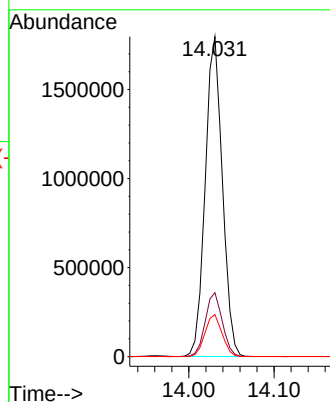
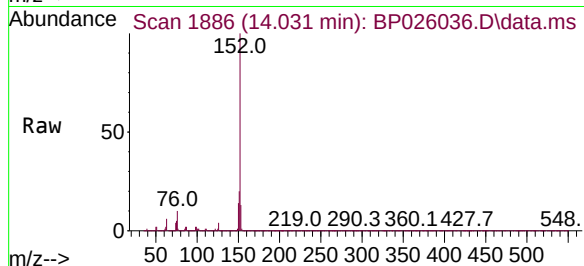
ICVBP102925

Tgt Ion:152 Resp: 2509218
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.6 16.0

Manual Integrations

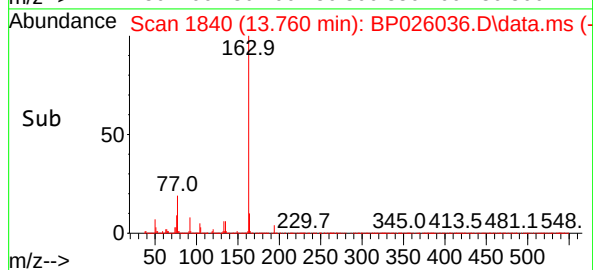
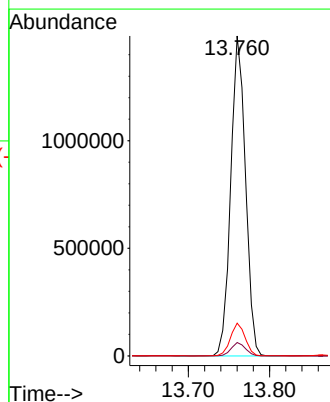
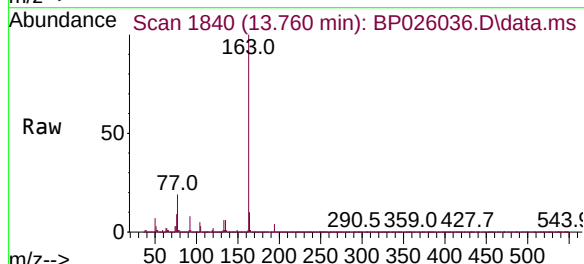
APPROVED

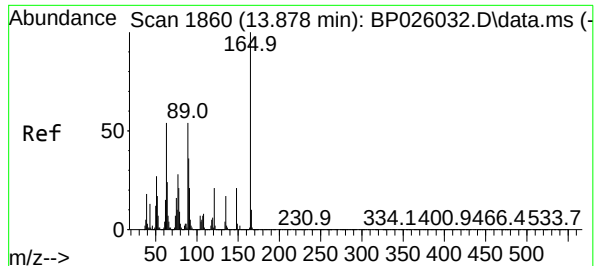
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#50
Dimethylphthalate
Concen: 35.112 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:163 Resp: 1875076
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 8.2 12.2





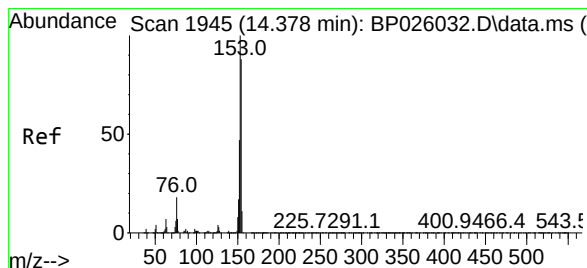
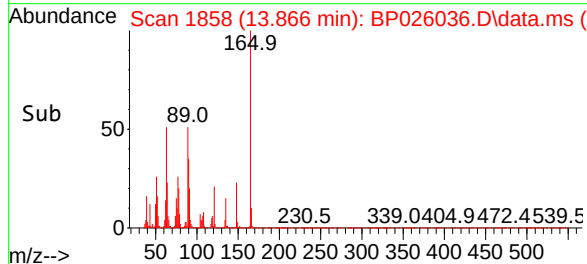
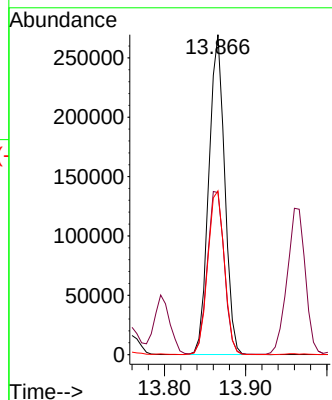
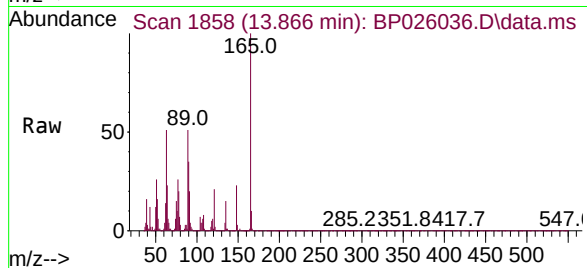
#51
2,6-Dinitrotoluene
Concen: 37.528 ng
RT: 13.866 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
Client Sample Id :
ICVBP102925

Tgt Ion:165 Resp: 36725
Ion Ratio Lower Upper
165 100
63 50.6 43.0 64.4
89 51.2 43.0 64.4

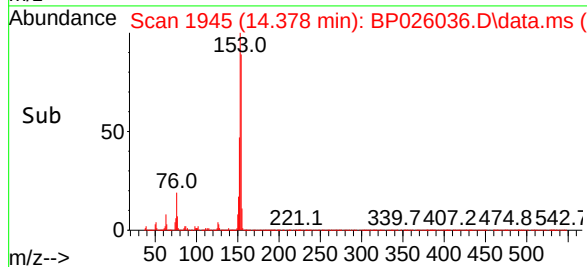
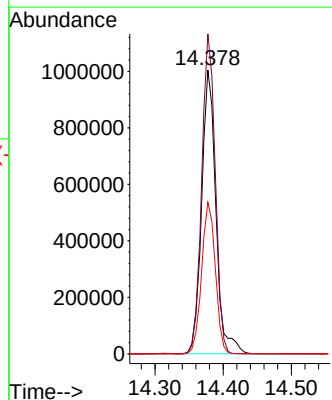
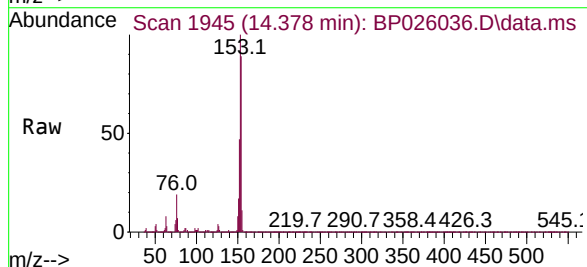
Manual Integrations
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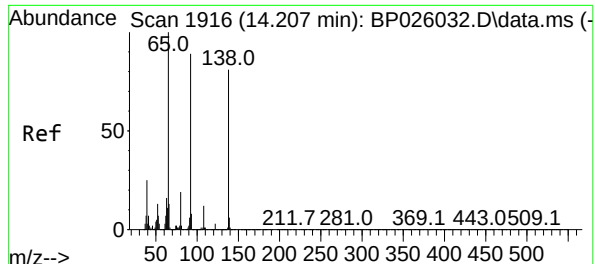
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 32.961 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

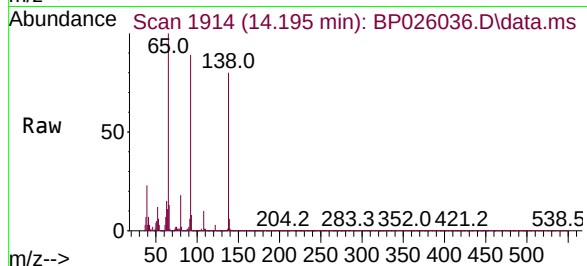
Tgt Ion:154 Resp: 1458746
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.4
152 53.4 42.7 64.1





#53
3-Nitroaniline
Concen: 36.037 ng
RT: 14.195 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

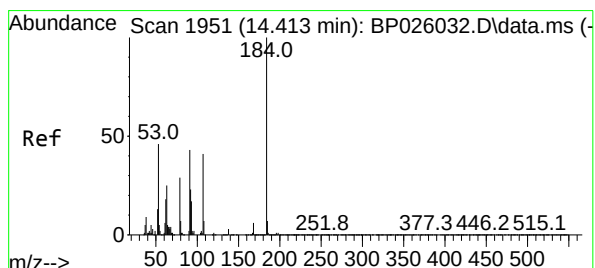
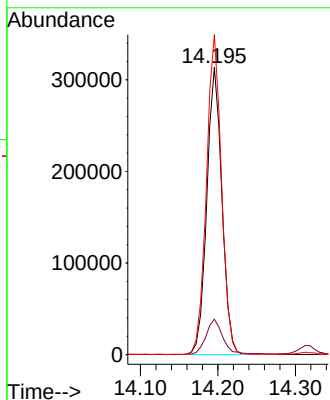
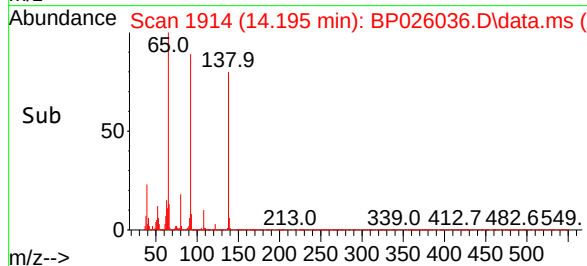
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:138 Resp: 425192
Ion Ratio Lower Upper
138 100
108 12.3 11.4 17.0
92 111.4 87.1 130.7

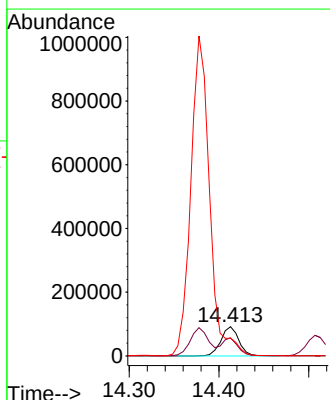
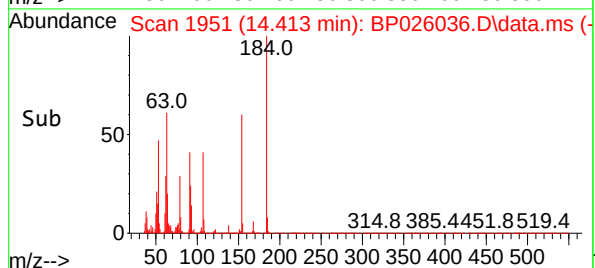
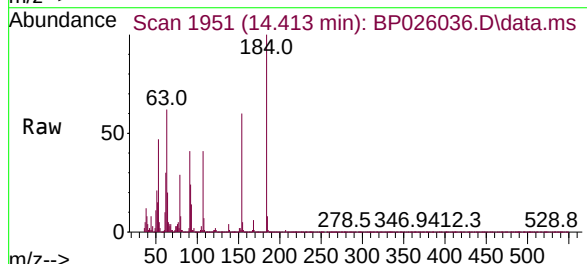
Manual Integrations
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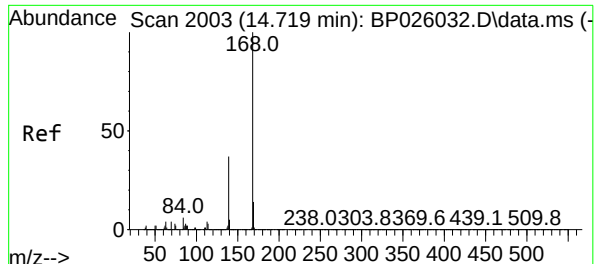
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 36.040 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:184 Resp: 126516
Ion Ratio Lower Upper
184 100
63 61.6 49.0 73.4
154 60.3 51.0 76.6





#55

Dibenzenofuran

Concen: 33.938 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:168 Resp: 2269310

Ion Ratio Lower Upper

168 100

139 36.5 29.7 44.5

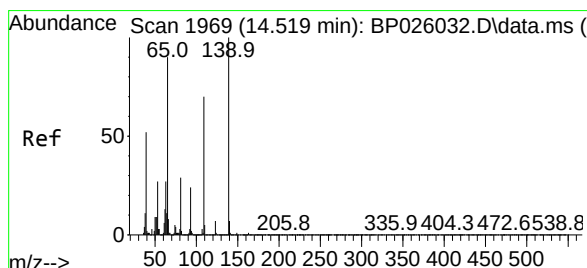
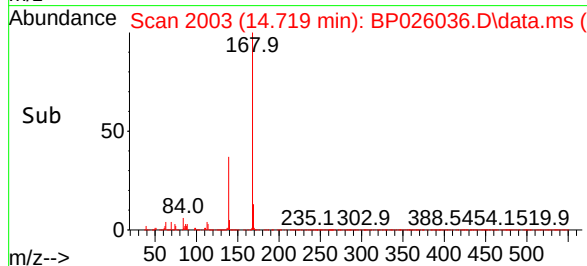
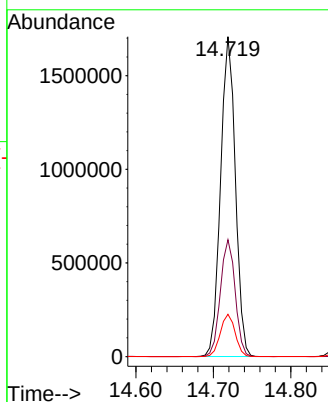
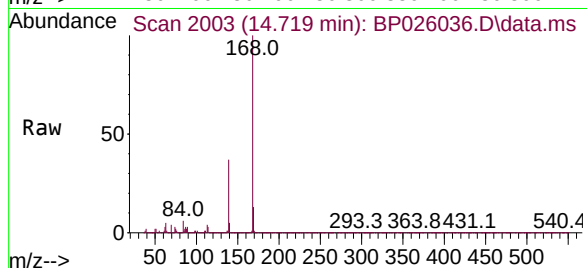
169 13.2 11.0 16.4

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 32.703 ng

RT: 14.507 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

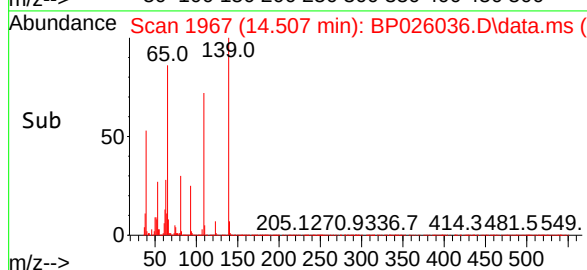
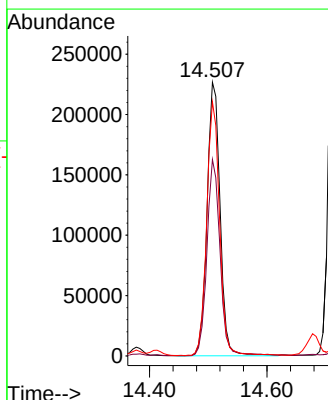
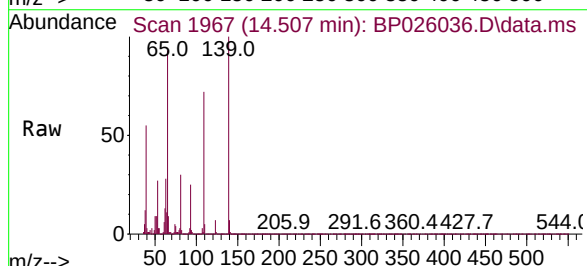
Tgt Ion:139 Resp: 348249

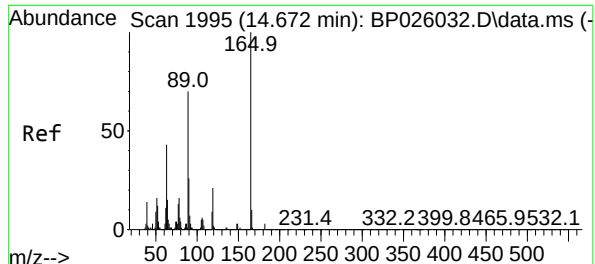
Ion Ratio Lower Upper

139 100

109 71.7 50.0 90.0

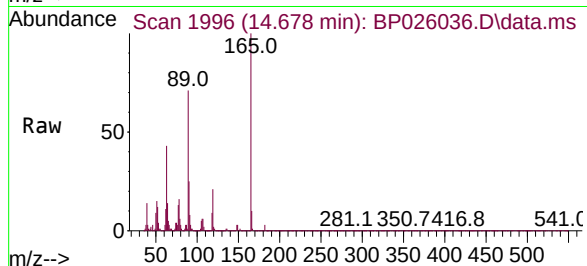
65 92.8 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 35.013 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

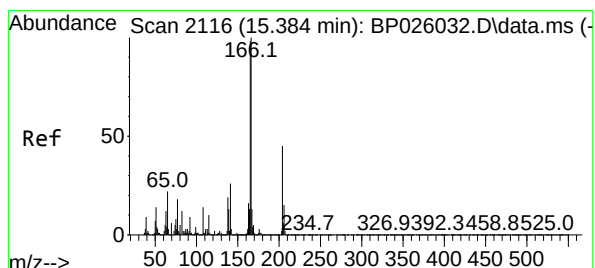
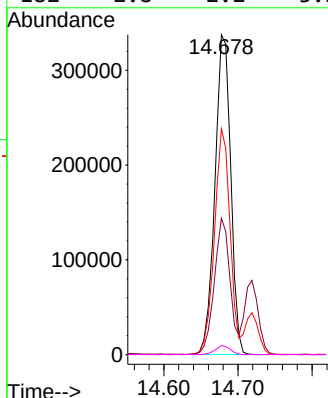
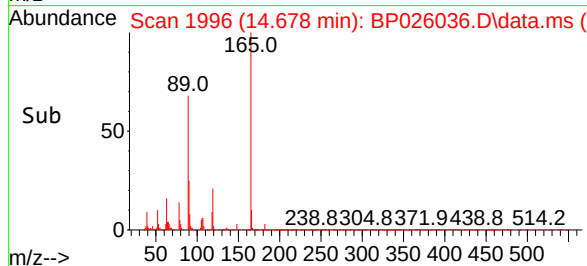
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:165 Resp: 499801
Ion Ratio Lower Upper
165 100
63 42.6 34.2 51.2
89 70.6 56.0 84.0
182 2.8 2.2 3.2

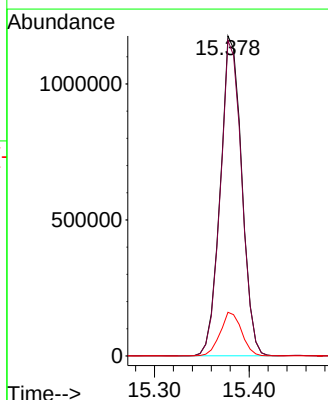
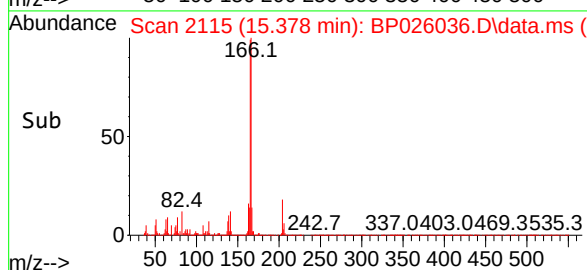
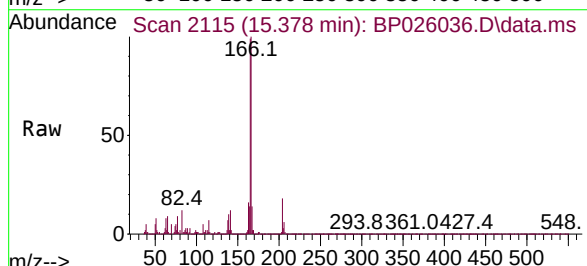
Manual Integrations
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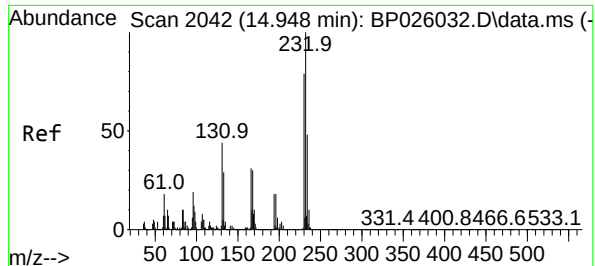
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 35.342 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

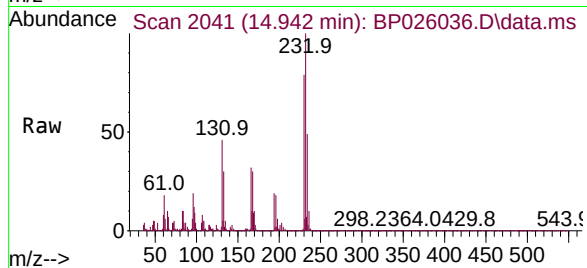
Tgt Ion:166 Resp: 1851395
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.197 ng
RT: 14.942 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

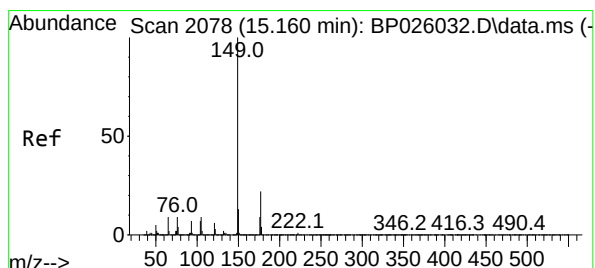
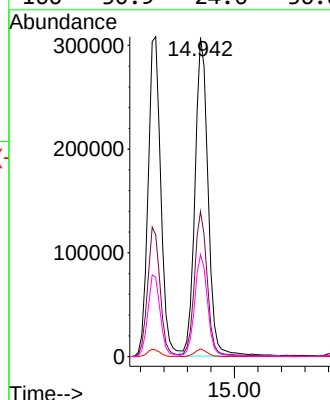
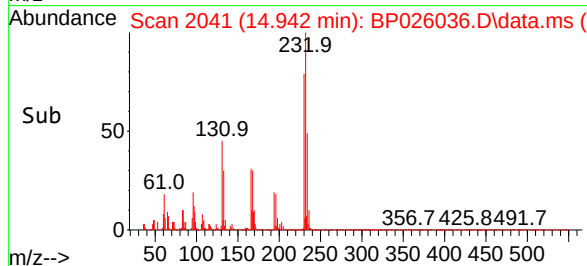
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:232 Resp: 474164
Ion Ratio Lower Upper
232 100
131 45.1 35.2 52.8
130 2.3 1.7 2.5
166 30.9 24.6 36.8

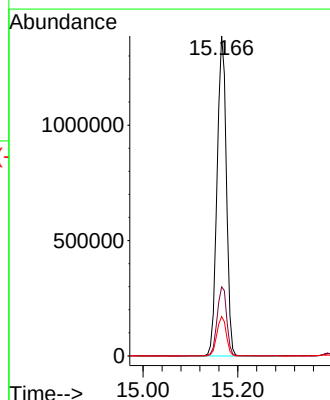
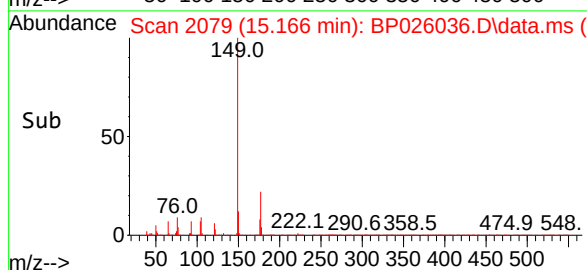
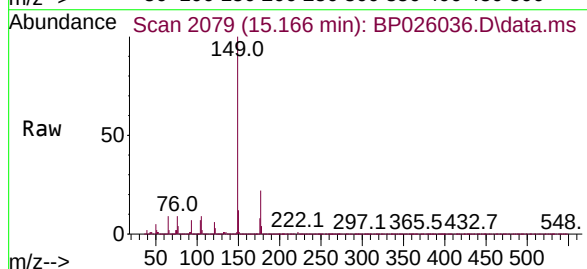
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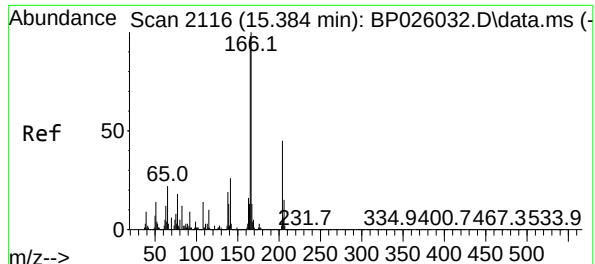
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#60
Diethylphthalate
Concen: 35.015 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

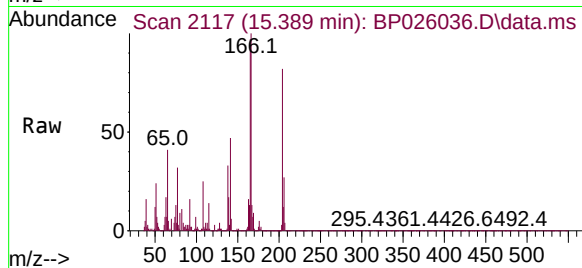
Tgt Ion:149 Resp: 1879900
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 33.928 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

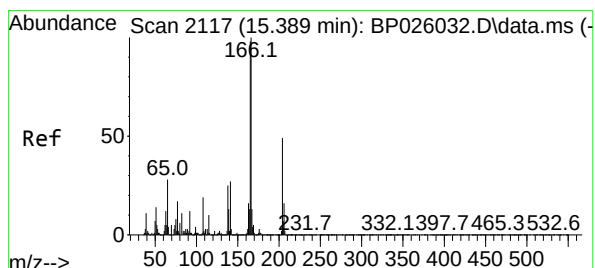
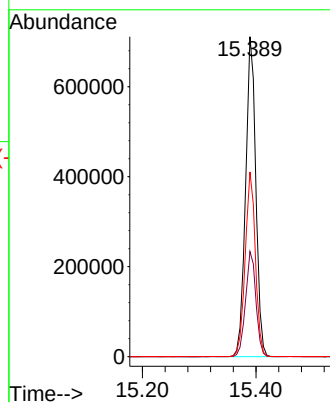
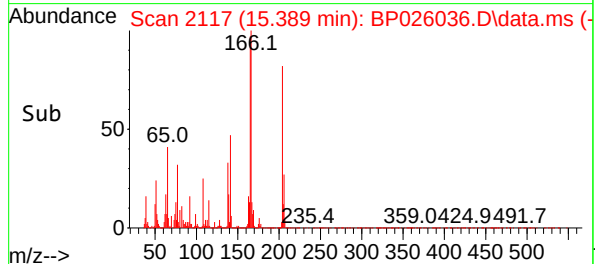
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:204 Resp: 887559
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 57.7 47.0 70.4

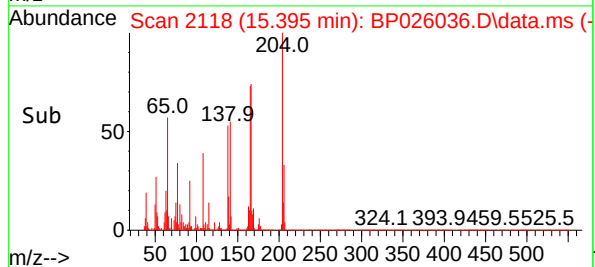
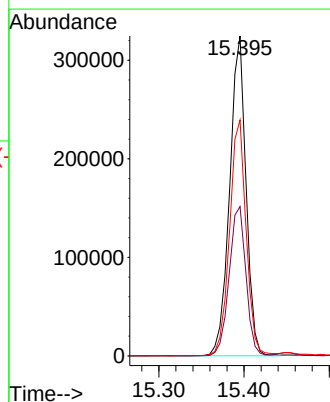
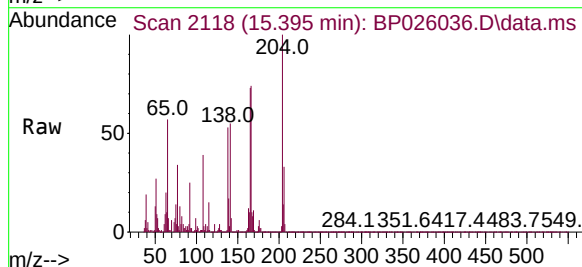
Manual Integrations
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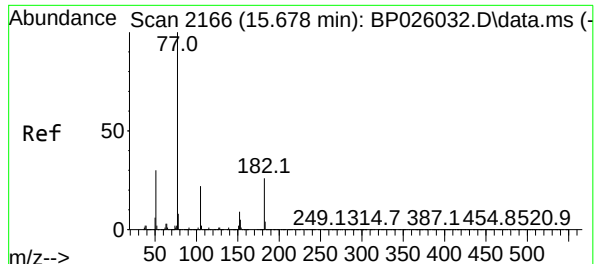
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 37.891 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

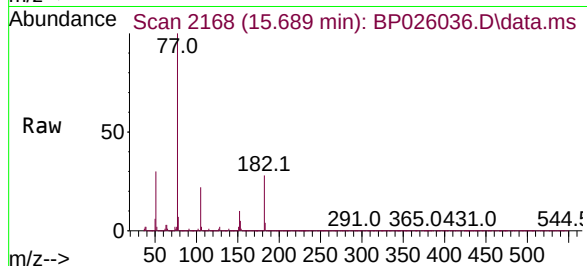
Tgt Ion:138 Resp: 432391
Ion Ratio Lower Upper
138 100
92 46.7 28.2 68.2
108 73.7 56.0 96.0





#63
Azobenzene
Concen: 35.051 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

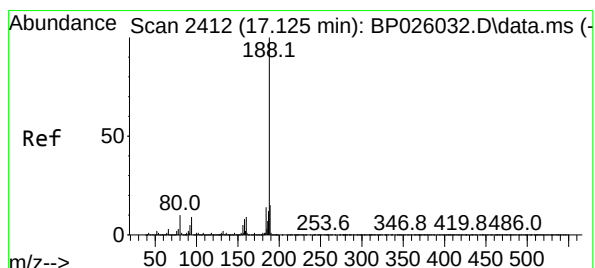
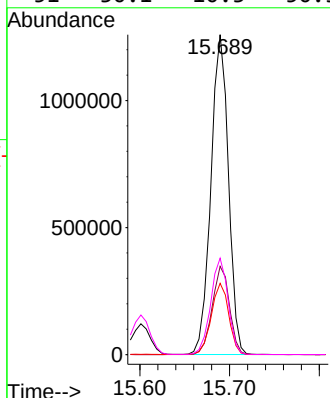
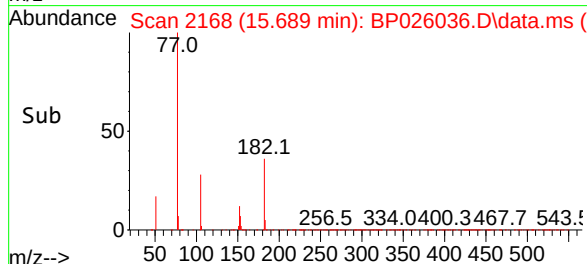
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 77 Resp: 1705483
Ion Ratio Lower Upper
77 100
182 27.6 6.4 46.4
105 22.3 2.2 42.2
51 30.1 10.3 50.3

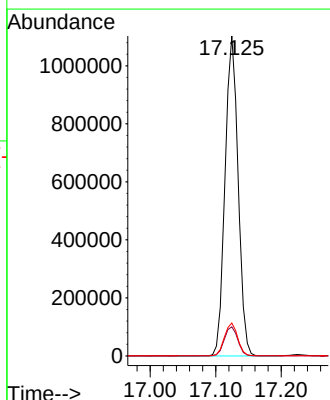
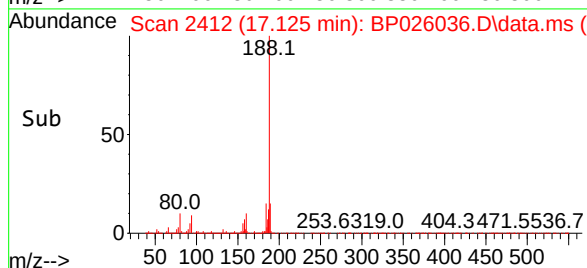
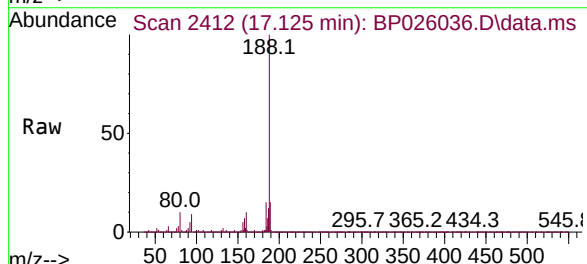
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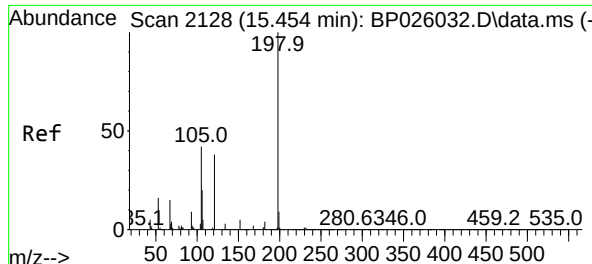
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:188 Resp: 1529844
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.3 7.9 11.9





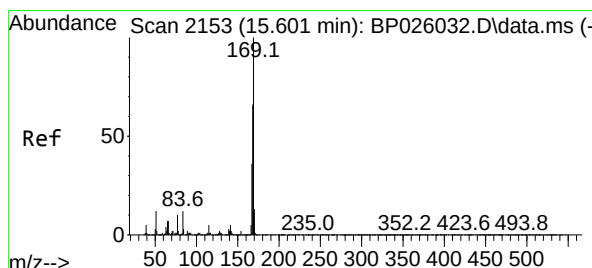
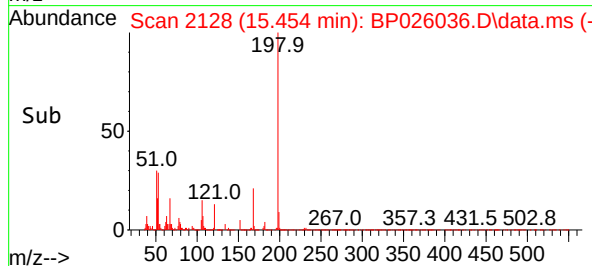
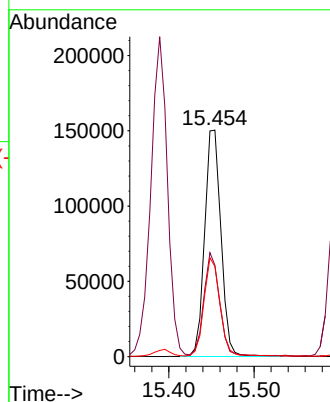
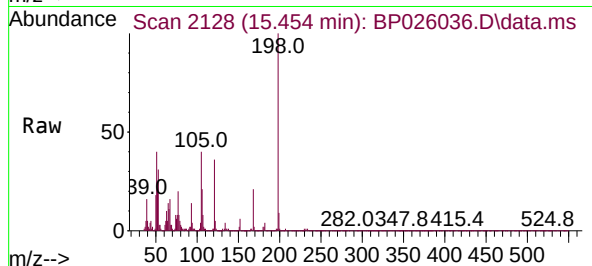
#65
4,6-Dinitro-2-methylphenol
Concen: 35.409 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:198 Resp: 200079
Ion Ratio Lower Upper
198 100
51 40.3 25.2 65.2
105 39.8 23.7 63.7

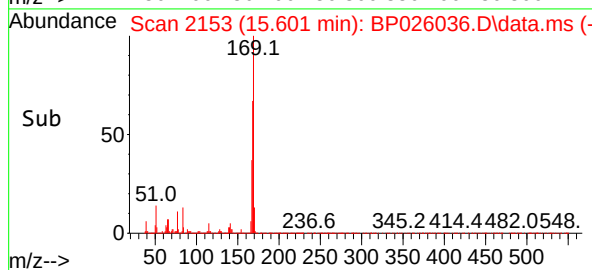
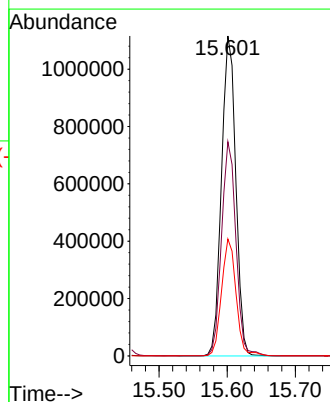
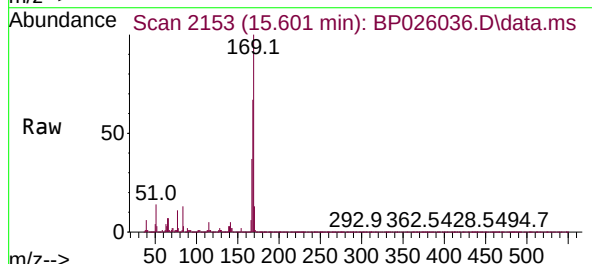
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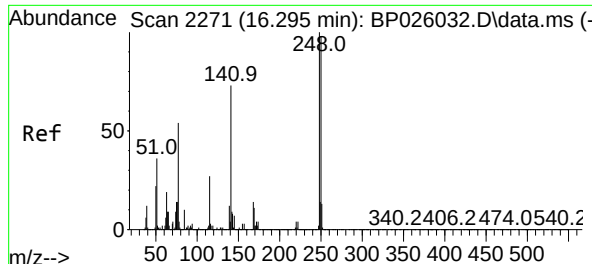
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 33.661 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:169 Resp: 1610105
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.5 28.9 43.3





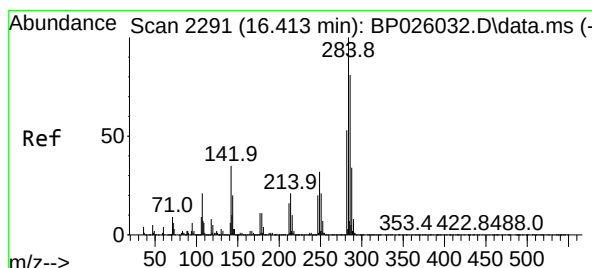
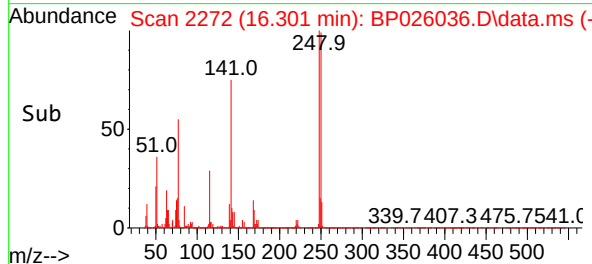
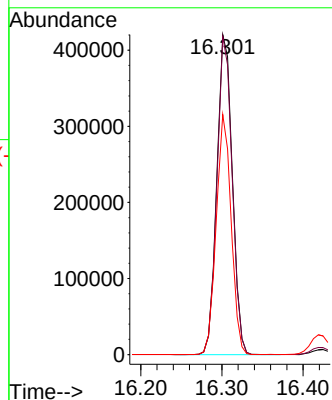
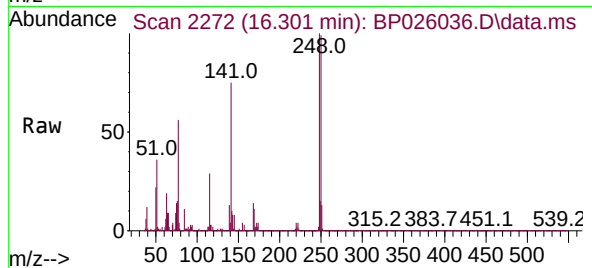
#67
4-Bromophenyl-phenylether
Concen: 32.800 ng
RT: 16.301 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:248 Resp: 55662
Ion Ratio Lower Upper
248 100
250 99.4 78.4 117.6
141 75.0 58.3 87.5

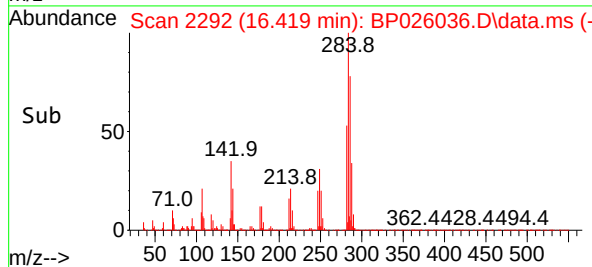
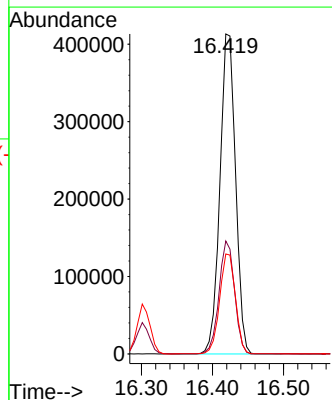
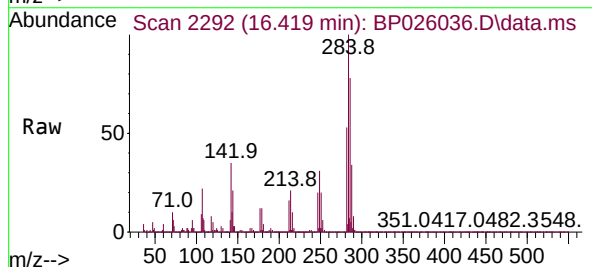
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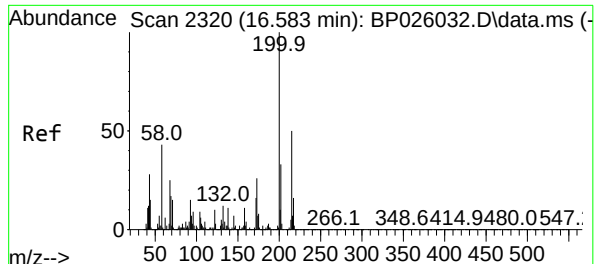
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 32.804 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:284 Resp: 633716
Ion Ratio Lower Upper
284 100
142 35.3 27.7 41.5
249 31.2 25.5 38.3





#69

Atrazine

Concen: 37.108 ng

RT: 16.583 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:200 Resp: 598775

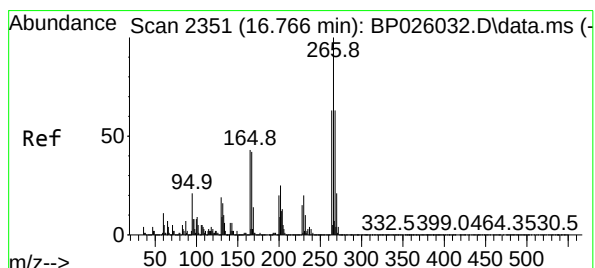
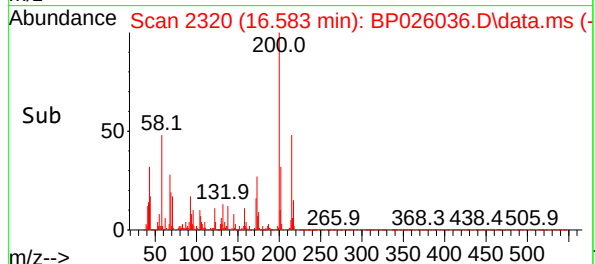
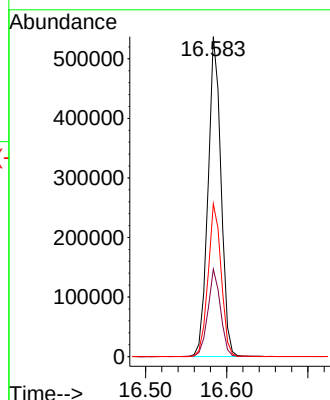
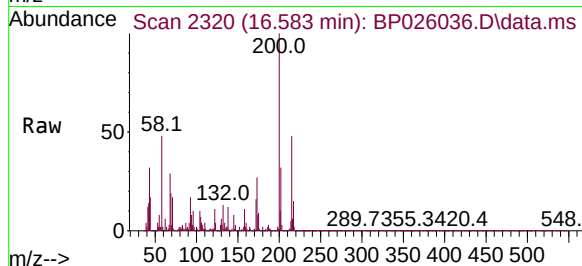
Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.2	46.2
215	47.7	29.8	69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 33.716 ng

RT: 16.760 min Scan# 2350

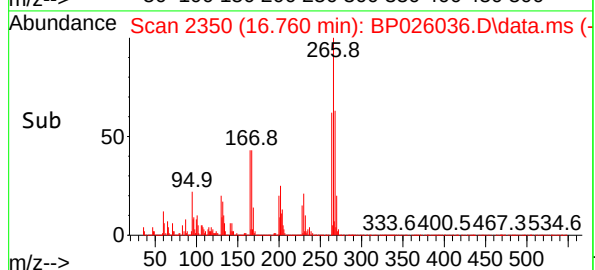
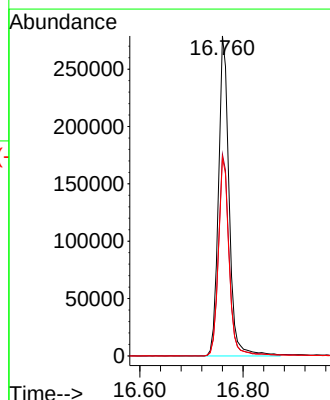
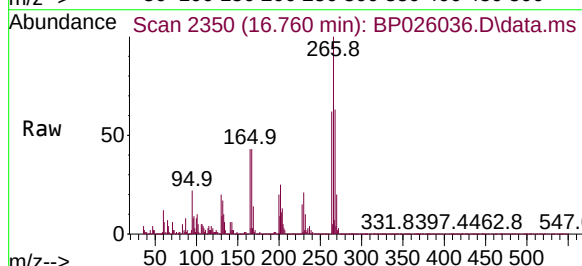
Delta R.T. -0.006 min

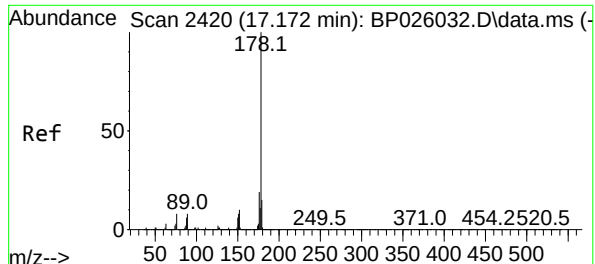
Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:266 Resp: 397848

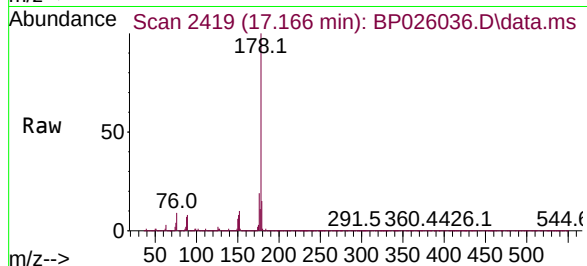
Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.6	76.0
264	62.1	50.2	75.4





#71
Phenanthrene
Concen: 32.726 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

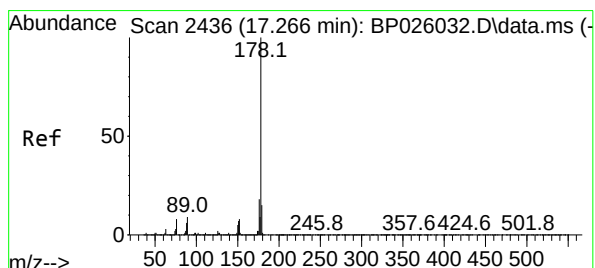
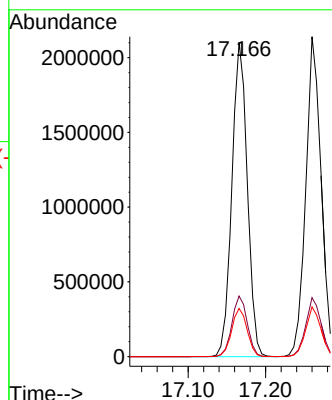
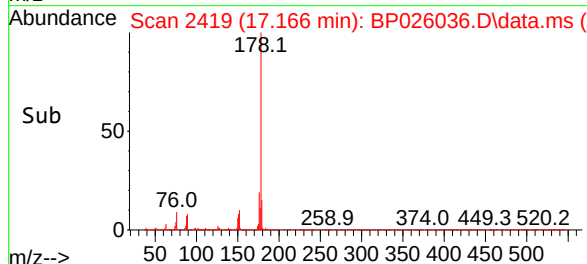
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:178 Resp: 2914044
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.3 18.5

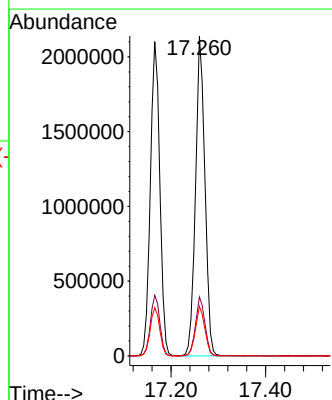
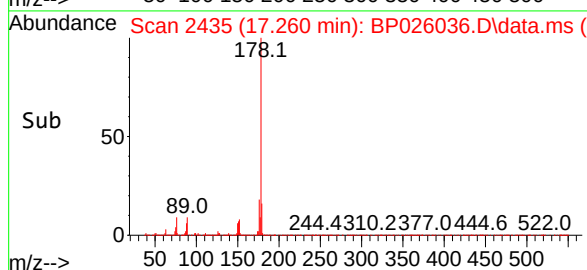
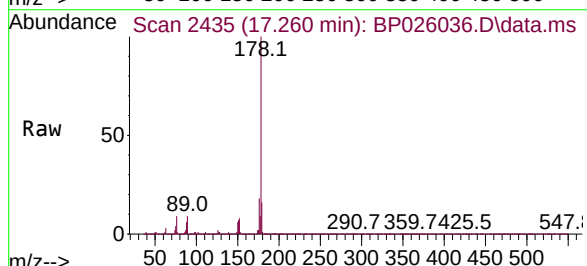
Manual Integrations
APPROVED

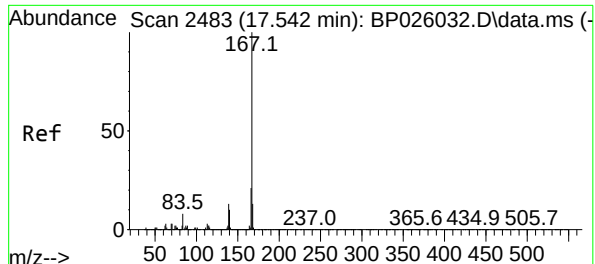
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 33.409 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

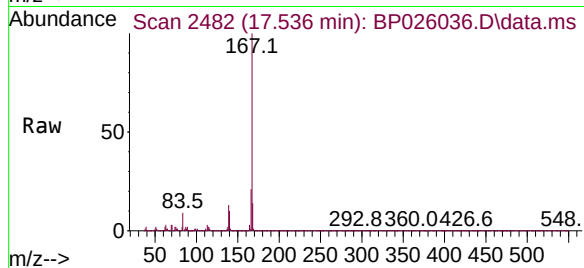
Tgt Ion:178 Resp: 2948850
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 33.421 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

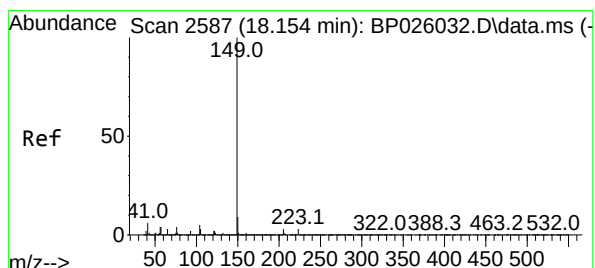
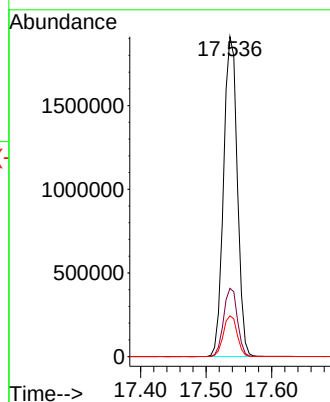
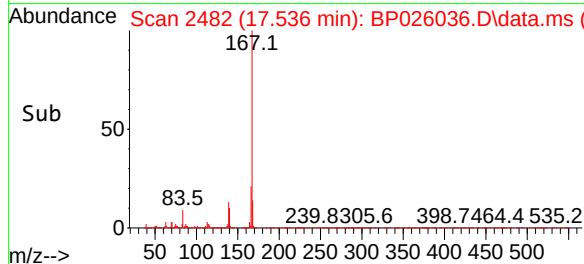
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:167 Resp: 2792407
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.7 10.2 15.2

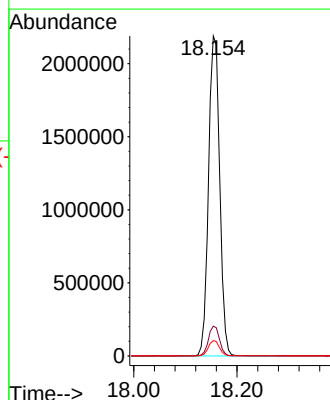
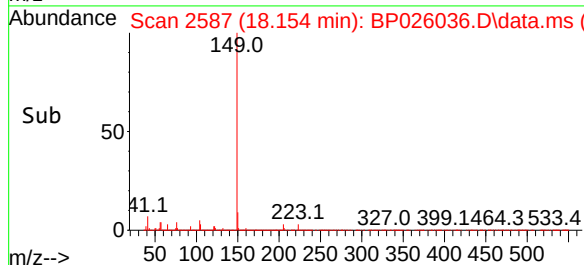
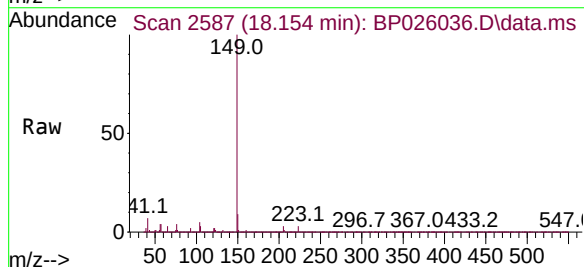
Manual Integrations
APPROVED

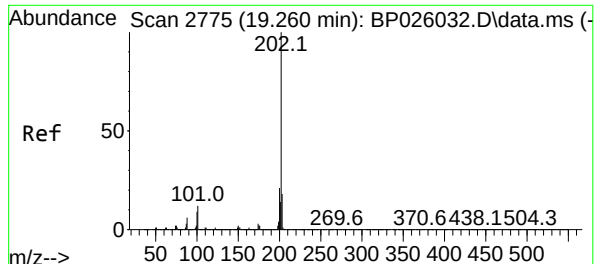
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 35.126 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

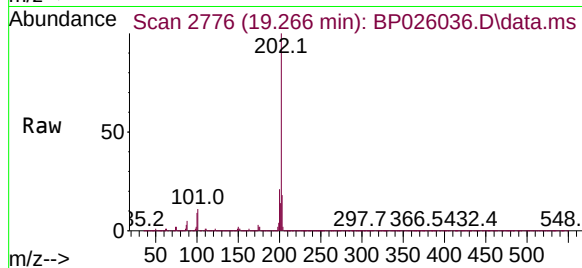
Tgt Ion:149 Resp: 3284045
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 33.126 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

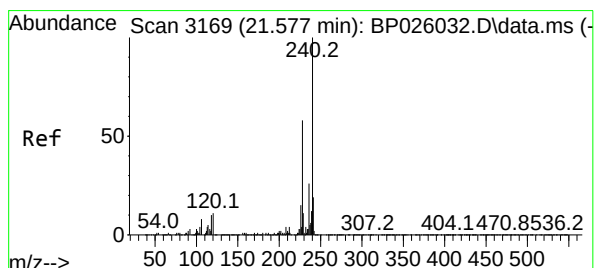
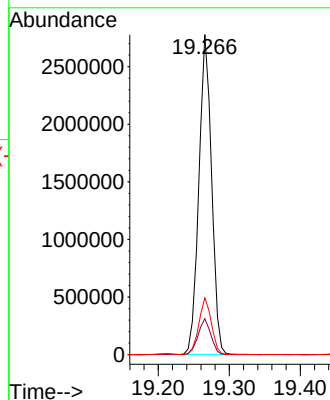
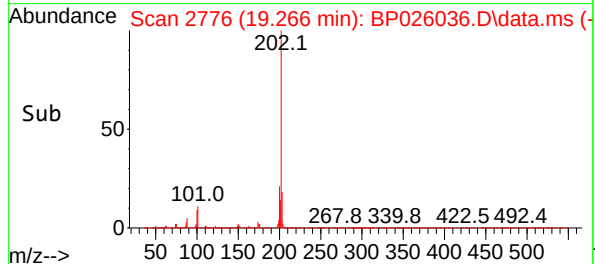
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:202 Resp: 3440878
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.1
203 17.7 0.0 37.6

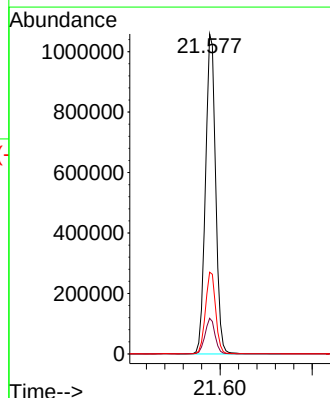
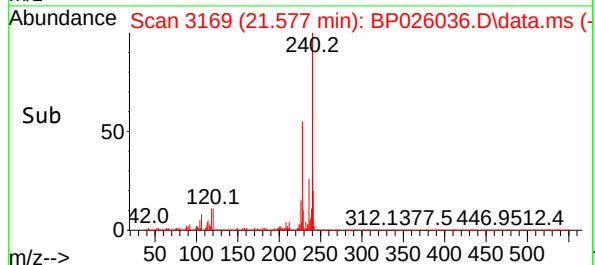
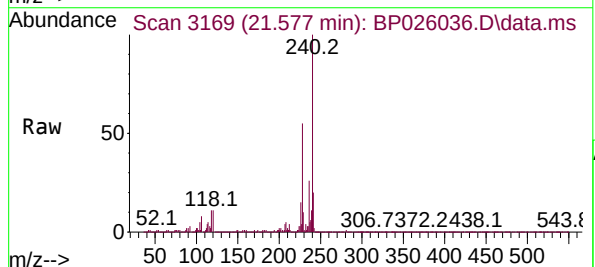
Manual Integrations
APPROVED

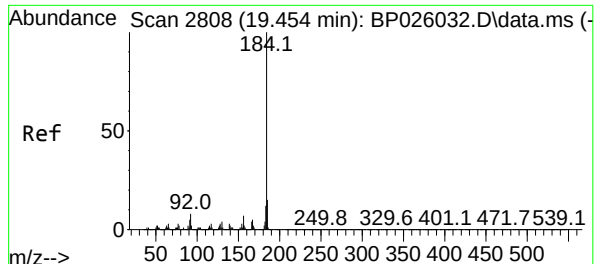
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

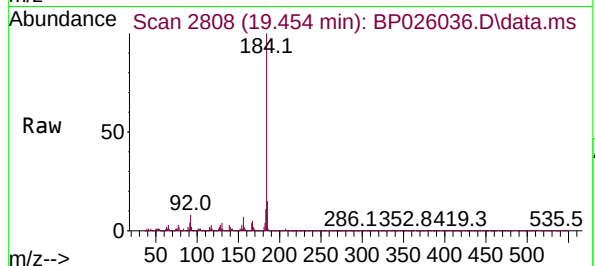
Tgt Ion:240 Resp: 1603754
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.5 20.6 31.0





#77
Benzidine
Concen: 48.151 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

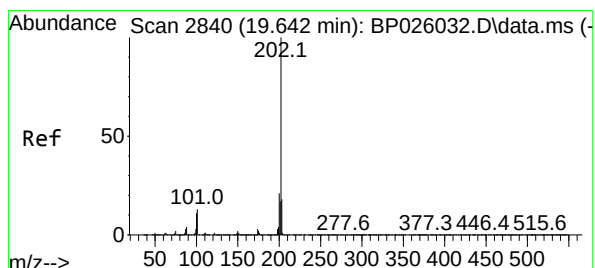
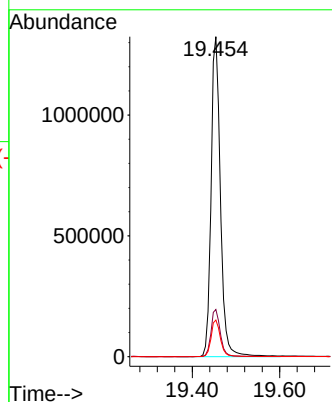
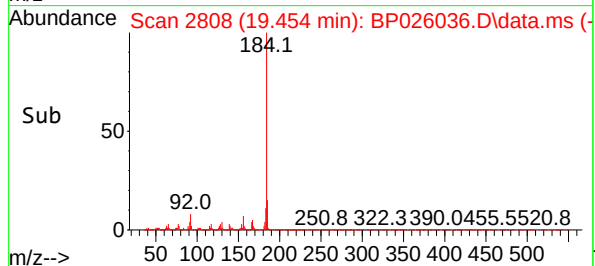
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:184 Resp: 1960099
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.4 9.2 13.8

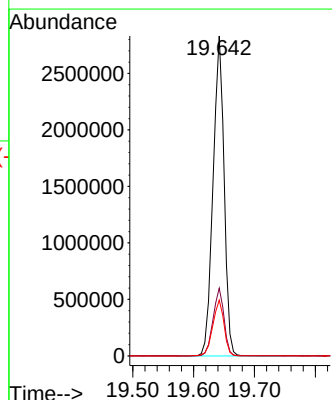
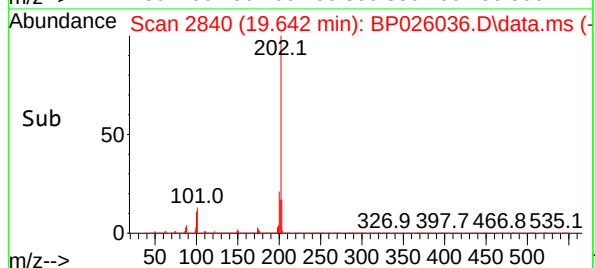
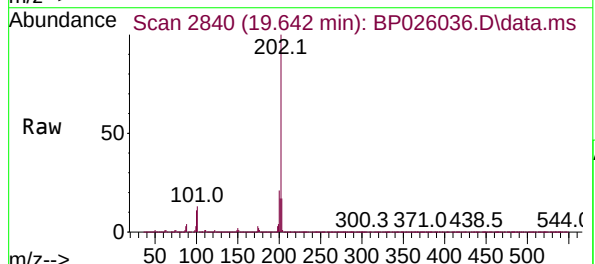
Manual Integrations
APPROVED

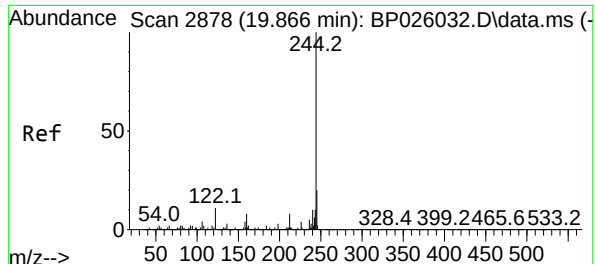
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 32.912 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:202 Resp: 3569948
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.4 14.0 21.0





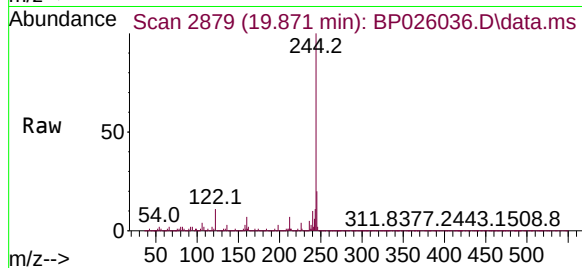
#79
Terphenyl-d14
Concen: 67.515 ng
RT: 19.871 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

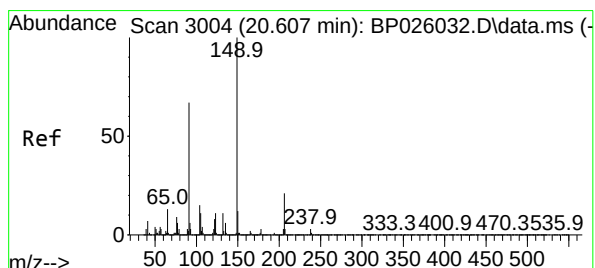
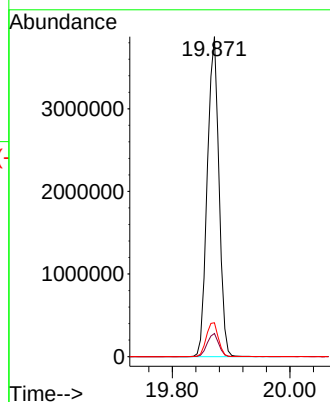
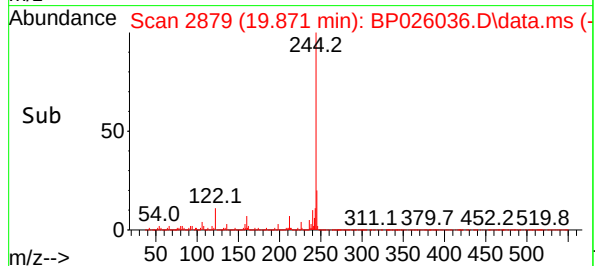


Tgt Ion:244 Resp: 5329468
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.6 9.0 13.6

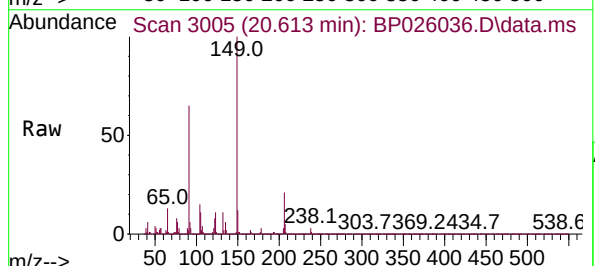
Manual Integrations

APPROVED

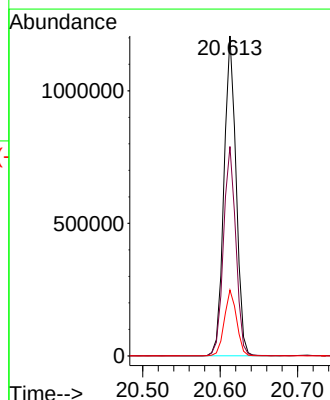
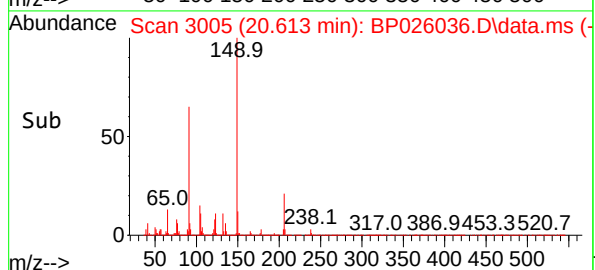
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

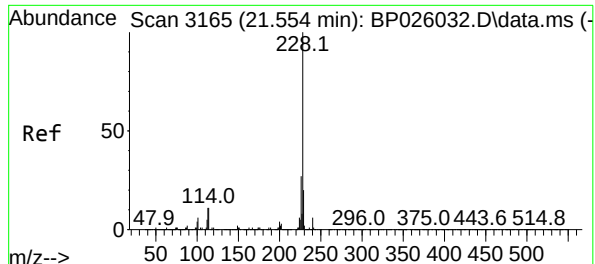


#80
Butylbenzylphthalate
Concen: 33.630 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



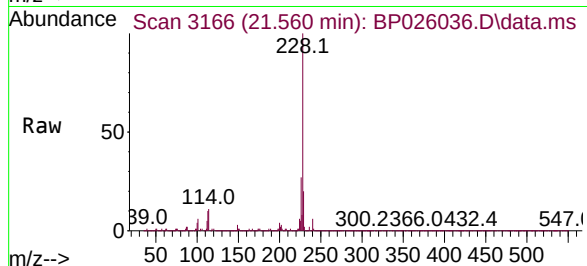
Tgt Ion:149 Resp: 1317625
Ion Ratio Lower Upper
149 100
91 65.4 53.5 80.3
206 20.6 16.6 25.0





#81
Benzo(a)anthracene
Concen: 33.052 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

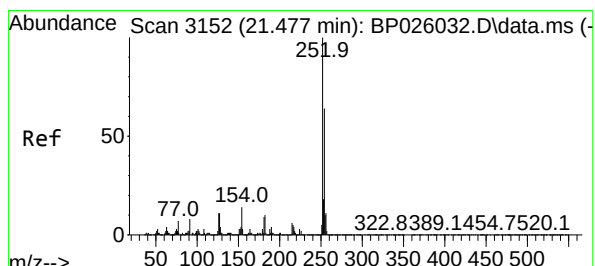
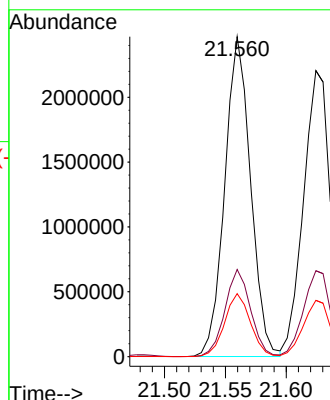
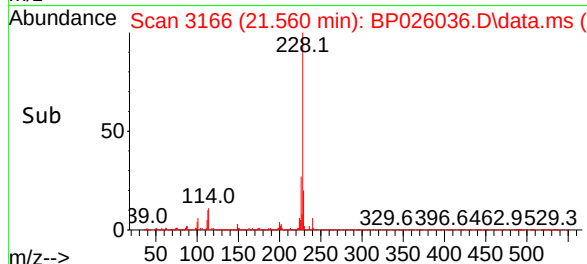
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:228 Resp: 3642485
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 15.8 23.8

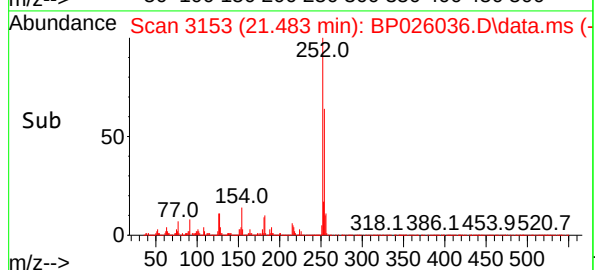
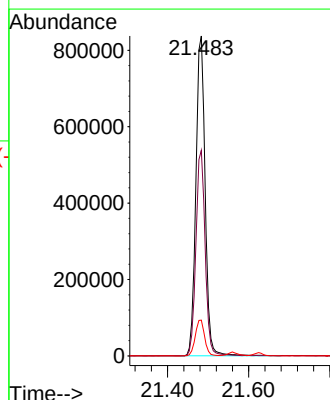
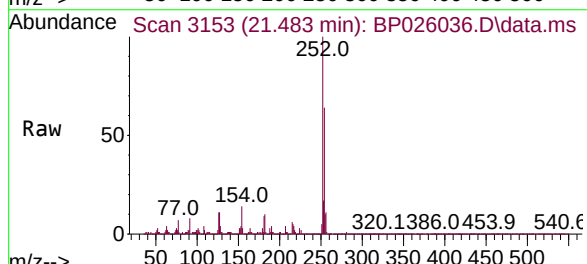
Manual Integrations
APPROVED

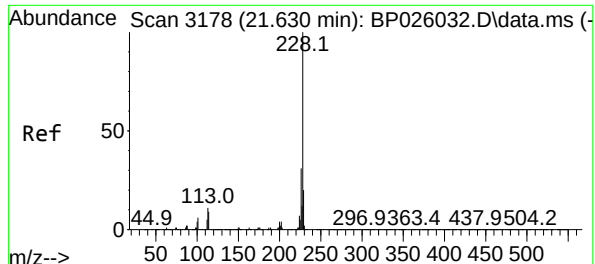
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 37.253 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:252 Resp: 1322765
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 11.2 9.1 13.7





#83

Chrysene

Concen: 32.526 ng

RT: 21.624 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:228 Resp: 3395520

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

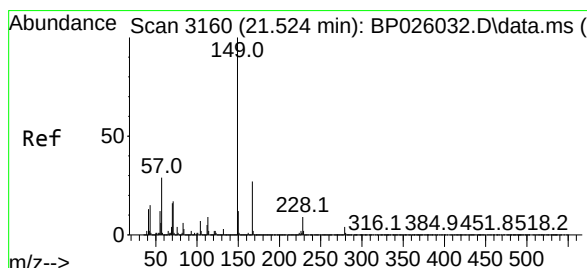
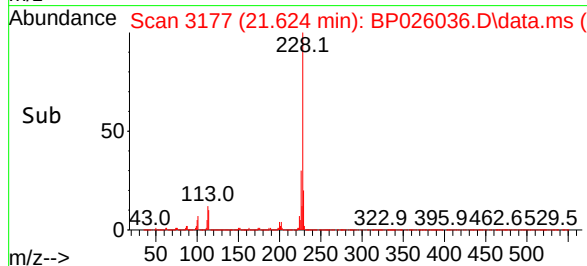
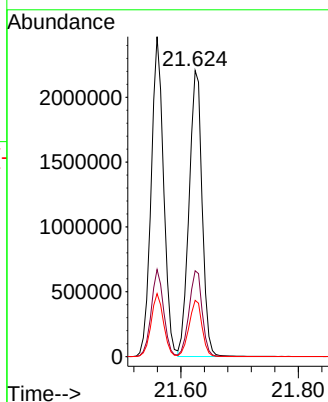
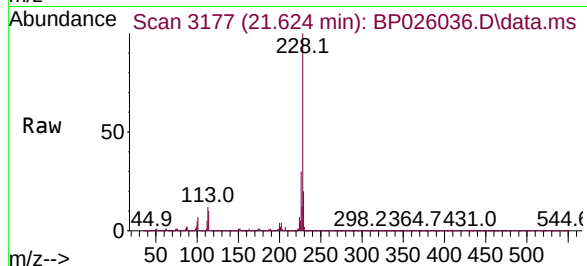
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.750 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

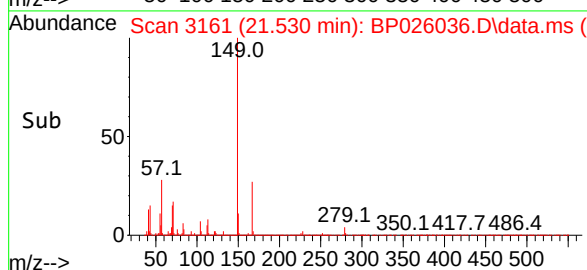
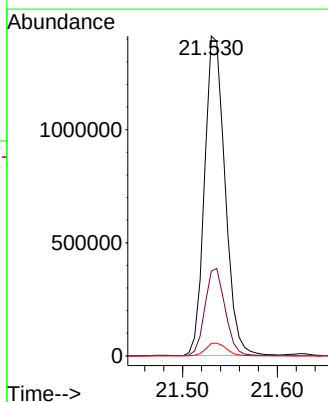
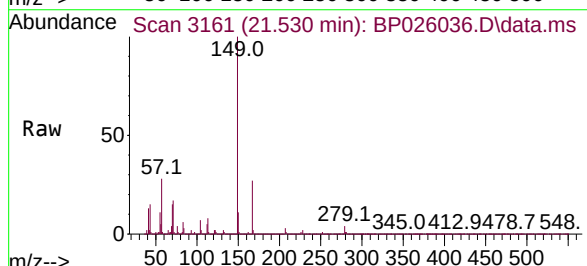
Tgt Ion:149 Resp: 2128720

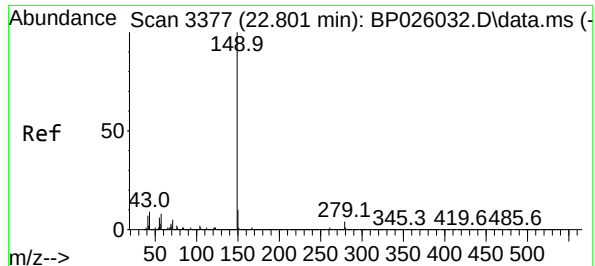
Ion Ratio Lower Upper

149 100

167 26.5 21.5 32.3

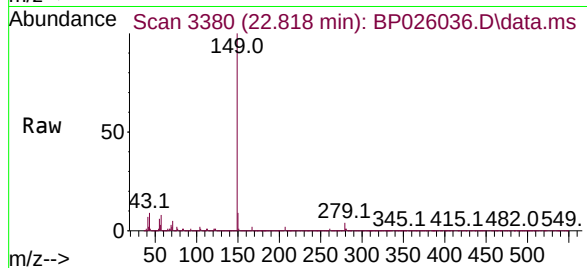
279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 33.668 ng
RT: 22.818 min Scan# 3377
Delta R.T. 0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

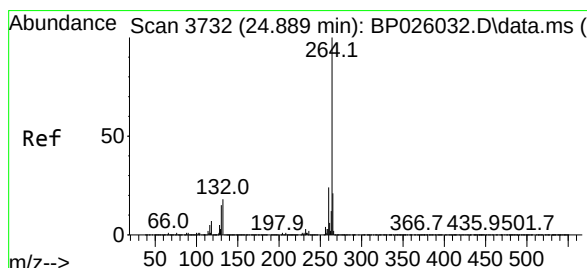
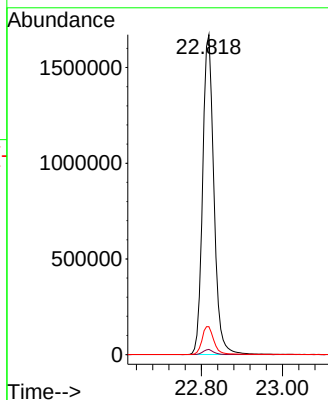
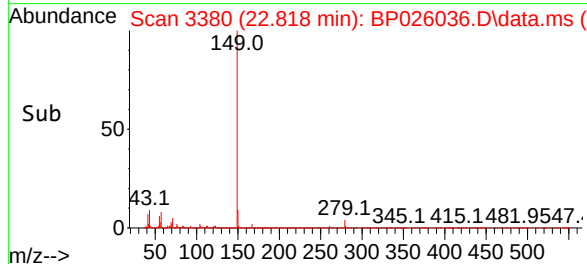
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:149 Resp: 3214231
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.6 11.4

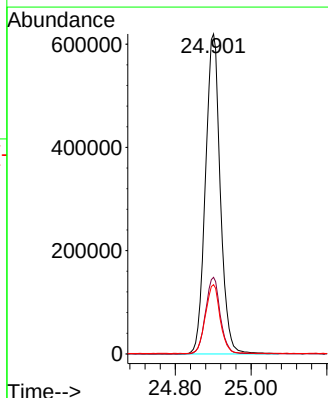
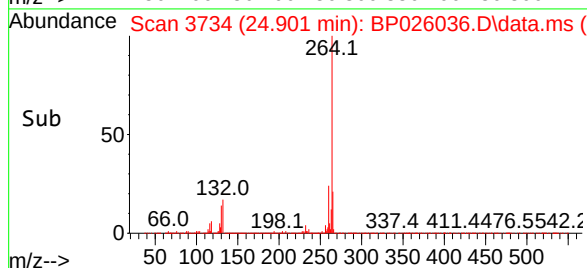
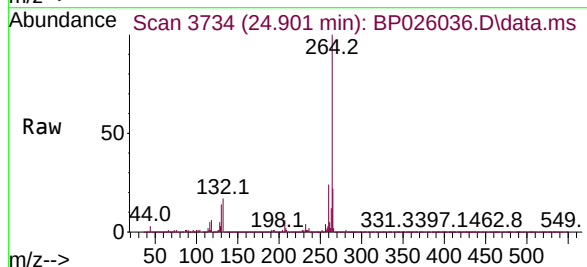
Manual Integrations
APPROVED

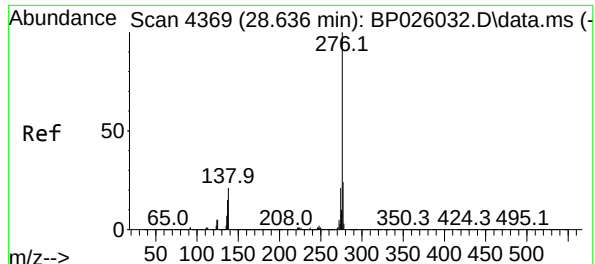
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

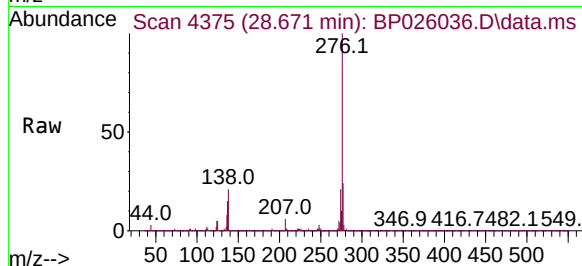
Tgt Ion:264 Resp: 1688986
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.6 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 33.295 ng m
RT: 28.671 min Scan# 4369
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

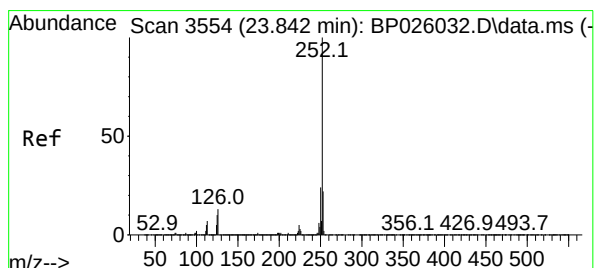
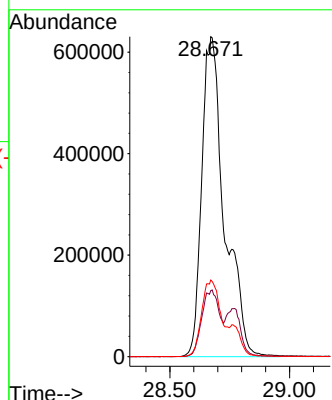
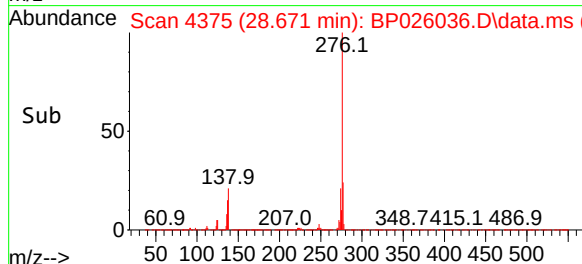
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 276 Resp: 4151592
Ion Ratio Lower Upper
276 100
138 16.3 13.2 19.8
277 20.5 16.3 24.5

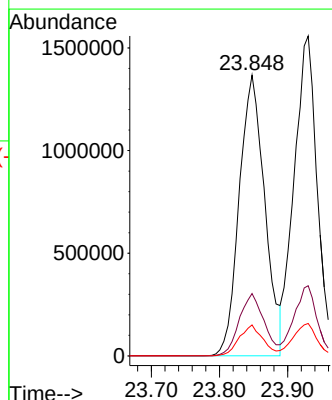
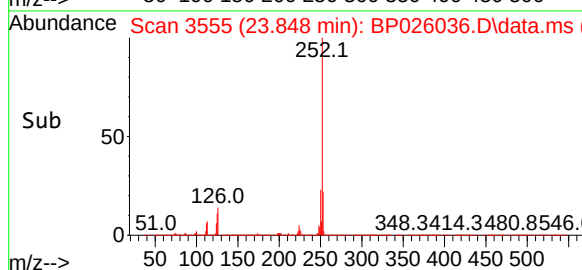
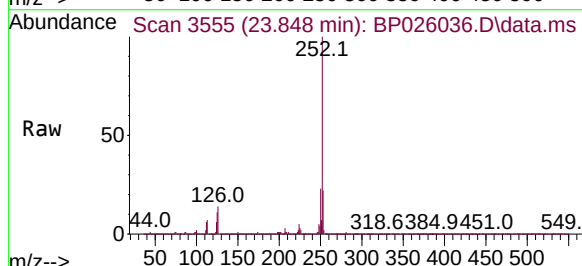
Manual Integrations
APPROVED

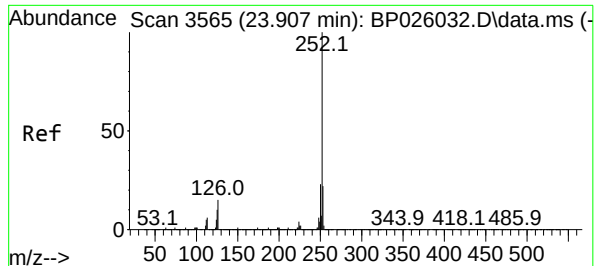
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 34.098 ng
RT: 23.848 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 252 Resp: 3575209
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 34.381 ng

RT: 23.930 min Scan# 3569

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:252 Resp: 3681173

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

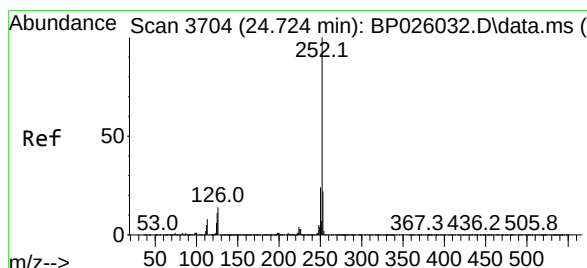
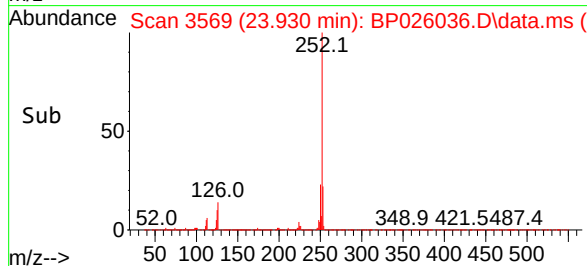
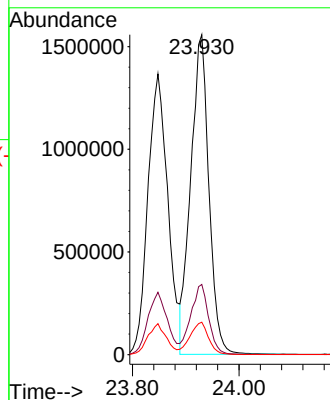
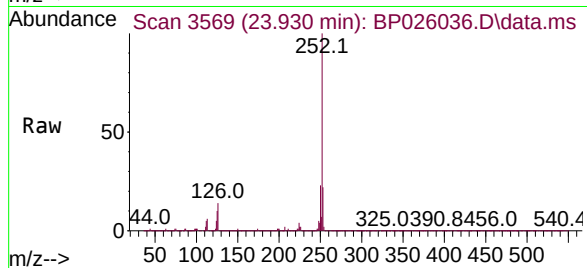
125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 35.024 ng

RT: 24.742 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

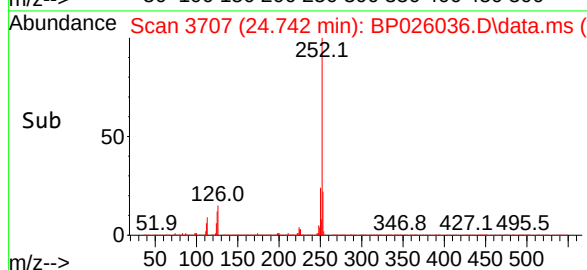
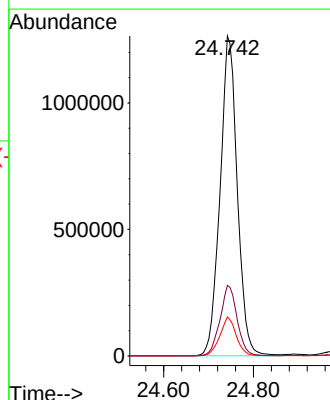
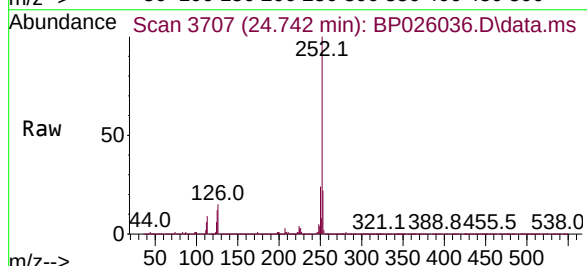
Tgt Ion:252 Resp: 3373695

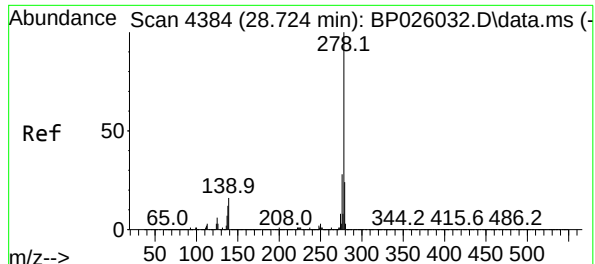
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

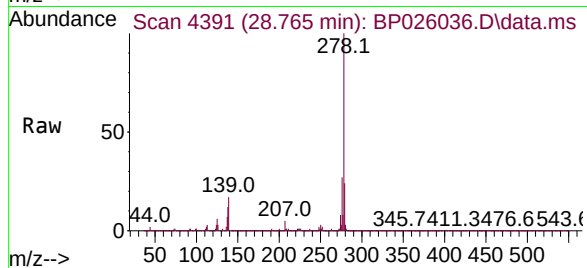
125 12.2 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 33.879 ng
RT: 28.765 min Scan# 4384
Delta R.T. 0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

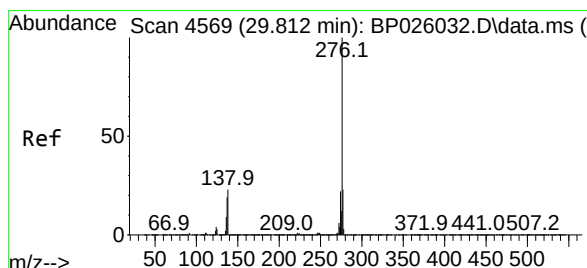
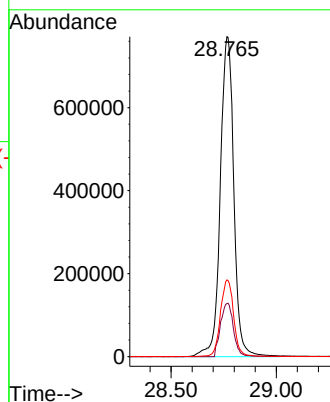
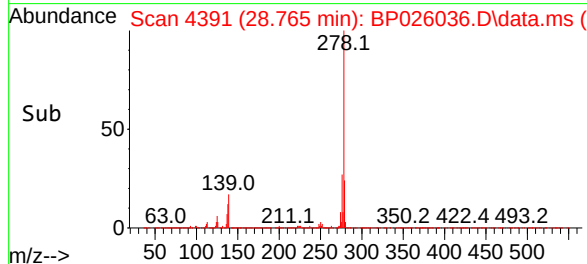
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 278 Resp: 343782
Ion Ratio Lower Upper
278 100
139 16.6 13.0 19.6
279 24.0 18.9 28.3

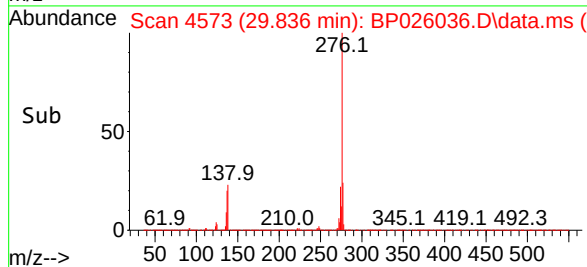
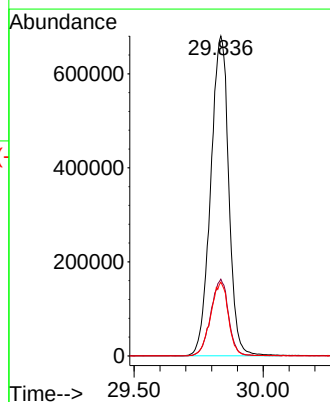
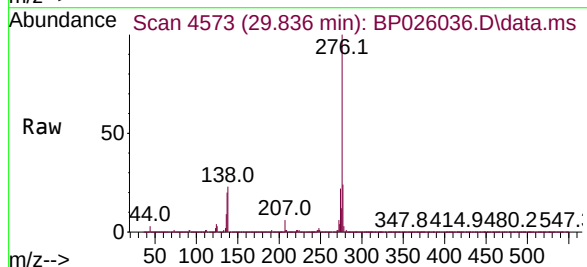
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 33.862 ng
RT: 29.836 min Scan# 4573
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 276 Resp: 3306526
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 23.0 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.05
2	1,4-Dioxane	0.511	0.425	16.8	79	-0.02
3	Pyridine	1.453	1.186	18.4	77	-0.03
4	n-Nitrosodimethylamine	0.582	0.511	12.2	84	-0.03
5 S	2-Fluorophenol	1.212	1.037	14.4	80	-0.05
6	Aniline	2.059	1.845	10.4	84	-0.05
7 S	Phenol-d6	1.543	1.313	14.9	79	-0.05
8	2-Chlorophenol	1.342	1.161	13.5	80	-0.05
9	Benzaldehyde	0.802	0.923	-15.1	110	-0.05
10 C	Phenol	1.713	1.448	15.5	79	-0.05
11	bis(2-Chloroethyl)ether	1.352	1.145	15.3	80	-0.05
12	1,3-Dichlorobenzene	1.541	1.331	13.6	81	-0.05
13 C	1,4-Dichlorobenzene	1.558	1.367	12.3	83	-0.05
14	1,2-Dichlorobenzene	1.487	1.305	12.2	83	-0.04
15	Benzyl Alcohol	1.112	0.978	12.1	83	-0.05
16	2,2'-oxybis(1-Chloropropane	2.043	1.712	16.2	78	-0.03
17	2-Methylphenol	1.121	0.981	12.5	80	-0.04
18	Hexachloroethane	0.533	0.461	13.5	80	-0.05
19 P	n-Nitroso-di-n-propylamine	0.958	0.870	9.2	82	-0.05
20	3+4-Methylphenols	1.560	1.336	14.4	80	-0.05
21 I	Naphthalene-d8	1.000	1.000	0.0	97	-0.04
22	Acetophenone	0.506	0.452	10.7	85	-0.05
23 S	Nitrobenzene-d5	0.321	0.275	14.3	79	-0.04
24	Nitrobenzene	0.339	0.295	13.0	80	-0.04
25	Isophorone	0.687	0.602	12.4	81	-0.05
26 C	2-Nitrophenol	0.104	0.110	-5.8	83	-0.04
27	2,4-Dimethylphenol	0.289	0.271	6.2	87	-0.05
28	bis(2-Chloroethoxy)methane	0.433	0.373	13.9	81	-0.03
29 C	2,4-Dichlorophenol	0.305	0.264	13.4	78	-0.03
30	1,2,4-Trichlorobenzene	0.331	0.294	11.2	84	-0.04
31	Naphthalene	1.091	0.924	15.3	80	-0.04
32	Benzoic acid	0.163	0.151	7.4	87	-0.09
33	4-Chloroaniline	0.419	0.407	2.9	90	-0.03
34 C	Hexachlorobutadiene	0.211	0.178	15.6	80	-0.04
35	Caprolactam	0.107	0.093	13.1	80	-0.07
36 C	4-Chloro-3-methylphenol	0.320	0.277	13.4	78	-0.04
37	2-Methylnaphthalene	0.763	0.591	22.5	72	-0.03
38	1-Methylnaphthalene	0.742	0.611	17.7	77	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	0.621	0.536	13.7	81	-0.03
41 P	Hexachlorocyclopentadiene	0.227	0.268	-18.1	109	-0.03
42 S	2,4,6-Tribromophenol	0.216	0.197	8.8	80	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.333	9.3	80	-0.02
44	2,4,5-Trichlorophenol	0.419	0.370	11.7	78	-0.03
45 S	2-Fluorobiphenyl	1.392	1.166	16.2	79	-0.02
46	1,1'-Biphenyl	1.531	1.343	12.3	83	-0.02
47	2-Chloronaphthalene	1.205	1.002	16.8	78	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.272	0.255	6.3	81	-0.02
49	Acenaphthylene	1.756	1.709	2.7	90	0.00
50	Dimethylphthalate	1.455	1.277	12.2	81	-0.01
51	2,6-Dinitrotoluene	0.237	0.250	-5.5	91	-0.01
52 C	Acenaphthene	1.206	0.993	17.7	76	0.00
53	3-Nitroaniline	0.291	0.290	0.3	86	-0.01
54 P	2,4-Dinitrophenol	0.100	0.086	14.0	83	0.00
55	Dibenzofuran	1.822	1.545	15.2	79	0.00
56 P	4-Nitrophenol	0.290	0.237	18.3	80	-0.01
57	2,4-Dinitrotoluene	0.347	0.340	2.0	83	0.00
58	Fluorene	1.427	1.261	11.6	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.323	2.1	85	-0.01
60	Diethylphthalate	1.463	1.280	12.5	79	0.00
61	4-Chlorophenyl-phenylether	0.713	0.604	15.3	79	0.00
62	4-Nitroaniline	0.311	0.294	5.5	83	0.00
63	Azobenzene	1.325	1.161	12.4	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	0.077	0.065	15.6	84	0.00
66 c	n-Nitrosodiphenylamine	0.625	0.526	15.8	80	0.00
67	4-Bromophenyl-phenylether	0.222	0.182	18.0	78	0.00
68	Hexachlorobenzene	0.253	0.207	18.2	79	0.00
69	Atrazine	0.211	0.196	7.1	88	0.00
70 C	Pentachlorophenol	0.154	0.130	15.6	80	0.00
71	Phenanthrene	1.164	0.952	18.2	79	0.00
72	Anthracene	1.154	0.964	16.5	81	0.00
73	Carbazole	1.092	0.913	16.4	79	0.00
74	Di-n-butylphthalate	1.222	1.073	12.2	79	0.00
75 C	Fluoranthene	1.358	1.125	17.2	78	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	97	0.01
77	Benzidine	0.508	0.611	-20.3	115	0.00
78	Pyrene	1.353	1.113	17.7	76	0.00
79 S	Terphenyl-d14	0.984	0.831	15.5	80	0.00
80	Butylbenzylphthalate	0.432	0.411	4.9	81	0.00
81	Benzo(a)anthracene	1.374	1.136	17.3	78	0.01
82	3,3'-Dichlorobenzidine	0.443	0.412	7.0	87	0.00
83	Chrysene	1.302	1.059	18.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.718	0.664	7.5	78	0.01
85 c	Di-n-octyl phthalate	1.191	1.002	15.9	76	0.02
86 I	Perylene-d12	1.000	1.000	0.0	96	0.02
87	Indeno(1,2,3-cd)pyrene	1.477	1.229	16.8	75	0.01
88	Benzo(b)fluoranthene	1.242	1.058	14.8	78	0.00
89	Benzo(k)fluoranthene	1.268	1.090	14.0	79	0.00
90 C	Benzo(a)pyrene	1.141	0.999	12.4	79	0.00
91	Dibenzo(a,h)anthracene	1.202	1.018	15.3	77	0.02
92	Benzo(g,h,i)perylene	1.156	0.979	15.3	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	96	-0.05
2	1,4-Dioxane	40.000	33.303	16.7	79	-0.02
3	Pyridine	40.000	32.670	18.3	77	-0.03
4	n-Nitrosodimethylamine	40.000	35.142	12.1	84	-0.03
5 S	2-Fluorophenol	80.000	68.429	14.5	80	-0.05
6	Aniline	40.000	35.839	10.4	84	-0.05
7 S	Phenol-d6	80.000	68.090	14.9	79	-0.05
8	2-Chlorophenol	40.000	34.596	13.5	80	-0.05
9	Benzaldehyde	40.000	46.027	-15.1	110	-0.05
10 C	Phenol	40.000	33.813	15.5	79	-0.05
11	bis(2-Chloroethyl)ether	40.000	33.880	15.3	80	-0.05
12	1,3-Dichlorobenzene	40.000	34.538	13.7	81	-0.05
13 C	1,4-Dichlorobenzene	40.000	35.099	12.3	83	-0.05
14	1,2-Dichlorobenzene	40.000	35.092	12.3	83	-0.04
15	Benzyl Alcohol	40.000	35.185	12.0	83	-0.05
16	2,2'-oxybis(1-Chloropropane	40.000	33.526	16.2	78	-0.03
17	2-Methylphenol	40.000	34.998	12.5	80	-0.04
18	Hexachloroethane	40.000	34.560	13.6	80	-0.05
19 P	n-Nitroso-di-n-propylamine	40.000	36.340	9.1	82	-0.05
20	3+4-Methylphenols	40.000	34.245	14.4	80	-0.05
21 I	Naphthalene-d8	20.000	20.000	0.0	97	-0.04
22	Acetophenone	40.000	35.756	10.6	85	-0.05
23 S	Nitrobenzene-d5	80.000	68.652	14.2	79	-0.04
24	Nitrobenzene	40.000	34.825	12.9	80	-0.04
25	Isophorone	40.000	35.069	12.3	81	-0.05
26 C	2-Nitrophenol	40.000	36.106	9.7	83	-0.04
27	2,4-Dimethylphenol	40.000	37.573	6.1	87	-0.05
28	bis(2-Chloroethoxy)methane	40.000	34.454	13.9	81	-0.03
29 C	2,4-Dichlorophenol	40.000	34.599	13.5	78	-0.03
30	1,2,4-Trichlorobenzene	40.000	35.441	11.4	84	-0.04
31	Naphthalene	40.000	33.888	15.3	80	-0.04
32	Benzoic acid	40.000	37.646	5.9	87	-0.09
33	4-Chloroaniline	40.000	38.877	2.8	90	-0.03
34 C	Hexachlorobutadiene	40.000	33.876	15.3	80	-0.04
35	Caprolactam	40.000	34.833	12.9	80	-0.07
36 C	4-Chloro-3-methylphenol	40.000	34.690	13.3	78	-0.04
37	2-Methylnaphthalene	40.000	30.988	22.5	72	-0.03
38	1-Methylnaphthalene	40.000	32.934	17.7	77	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	34.481	13.8	81	-0.03
41 P	Hexachlorocyclopentadiene	40.000	47.197	-18.0	109	-0.03
42 S	2,4,6-Tribromophenol	80.000	72.809	9.0	80	0.00
43 C	2,4,6-Trichlorophenol	40.000	36.282	9.3	80	-0.02
44	2,4,5-Trichlorophenol	40.000	35.326	11.7	78	-0.03
45 S	2-Fluorobiphenyl	80.000	67.037	16.2	79	-0.02
46	1,1'-Biphenyl	40.000	35.073	12.3	83	-0.02
47	2-Chloronaphthalene	40.000	33.277	16.8	78	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	33.821	15.4	81	-0.02
49	Acenaphthylene	40.000	38.923	2.7	90	0.00
50	Dimethylphthalate	40.000	35.112	12.2	81	-0.01
51	2,6-Dinitrotoluene	40.000	37.528	6.2	91	-0.01
52 C	Acenaphthene	40.000	32.961	17.6	76	0.00
53	3-Nitroaniline	40.000	36.037	9.9	86	-0.01
54 P	2,4-Dinitrophenol	40.000	36.040	9.9	83	0.00
55	Dibenzofuran	40.000	33.938	15.2	79	0.00
56 P	4-Nitrophenol	40.000	32.703	18.2	80	-0.01
57	2,4-Dinitrotoluene	40.000	35.013	12.5	83	0.00
58	Fluorene	40.000	35.342	11.6	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.197	2.0	85	-0.01
60	Diethylphthalate	40.000	35.015	12.5	79	0.00
61	4-Chlorophenyl-phenylether	40.000	33.928	15.2	79	0.00
62	4-Nitroaniline	40.000	37.891	5.3	83	0.00
63	Azobenzene	40.000	35.051	12.4	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	35.409	11.5	84	0.00
66 c	n-Nitrosodiphenylamine	40.000	33.661	15.8	80	0.00
67	4-Bromophenyl-phenylether	40.000	32.800	18.0	78	0.00
68	Hexachlorobenzene	40.000	32.804	18.0	79	0.00
69	Atrazine	40.000	37.108	7.2	88	0.00
70 C	Pentachlorophenol	40.000	33.716	15.7	80	0.00
71	Phenanthrene	40.000	32.726	18.2	79	0.00
72	Anthracene	40.000	33.409	16.5	81	0.00
73	Carbazole	40.000	33.421	16.4	79	0.00
74	Di-n-butylphthalate	40.000	35.126	12.2	79	0.00
75 C	Fluoranthene	40.000	33.126	17.2	78	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	97	0.01
77	Benzydine	40.000	48.151	-20.4	115	0.00
78	Pyrene	40.000	32.912	17.7	76	0.00
79 S	Terphenyl-d14	80.000	67.515	15.6	80	0.00
80	Butylbenzylphthalate	40.000	33.630	15.9	81	0.00
81	Benzo(a)anthracene	40.000	33.052	17.4	78	0.01
82	3,3'-Dichlorobenzidine	40.000	37.253	6.9	87	0.00
83	Chrysene	40.000	32.526	18.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	33.750	15.6	78	0.01
85 c	Di-n-octyl phthalate	40.000	33.668	15.8	76	0.02
86 I	Perylene-d12	20.000	20.000	0.0	96	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	33.295	16.8	75	0.01
88	Benzo(b)fluoranthene	40.000	34.098	14.8	78	0.00
89	Benzo(k)fluoranthene	40.000	34.381	14.0	79	0.00
90 C	Benzo(a)pyrene	40.000	35.024	12.4	79	0.00
91	Dibenzo(a,h)anthracene	40.000	33.879	15.3	77	0.02
92	Benzo(g,h,i)perylene	40.000	33.862	15.3	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3552</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/06/2025 11:13</u>
Lab File ID:	<u>BF144180.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.335		4.5	
Benzaldehyde	0.818	0.829		1.3	
Phenol-d6	1.448	1.506		4.0	
Phenol	1.769	1.823		3.1	20.0
bis(2-Chloroethyl)ether	1.289	1.333		3.4	
2-Chlorophenol	1.253	1.297		3.5	
2-Methylphenol	0.997	1.048		5.1	
2,2-oxybis(1-Chloropropane)	2.374	2.494		5.1	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.214		3.3	
n-Nitroso-di-n-propylamine	0.953	0.973	0.050	2.1	
Nitrobenzene-d5	0.346	0.359		3.8	
Hexachloroethane	0.515	0.548		6.4	
Nitrobenzene	0.376	0.386		2.7	
Isophorone	0.655	0.683		4.3	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.293		5.0	
bis(2-Chloroethoxy)methane	0.409	0.423		3.4	
2,4-Dichlorophenol	0.322	0.325		0.9	20.0
Naphthalene	0.951	0.951		0.0	
4-Chloroaniline	0.347	0.362		4.3	
Hexachlorobutadiene	0.249	0.252		1.2	20.0
Caprolactam	0.088	0.095		8.0	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.646		1.6	
Hexachlorocyclopentadiene	0.195	0.199	0.050	2.1	
2,4,6-Trichlorophenol	0.446	0.434		-2.7	20.0
2-Fluorobiphenyl	1.354	1.280		-5.5	
2,4,5-Trichlorophenol	0.481	0.477		-0.8	
1,1-Biphenyl	1.396	1.364		-2.3	
2-Chloronaphthalene	1.191	1.154		-3.1	
2-Nitroaniline	0.344	0.363		5.5	
Dimethylphthalate	1.325	1.342		1.3	
Acenaphthylene	1.623	1.621		-0.1	
2,6-Dinitrotoluene	0.268	0.284		6.0	
3-Nitroaniline	0.293	0.312		6.5	
Acenaphthene	1.085	1.054		-2.9	20.0
2,4-Dinitrophenol	0.162	0.146	0.050	-9.9	
4-Nitrophenol	0.212	0.221	0.050	4.2	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3552</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/06/2025 11:13</u>
Lab File ID:	<u>BF144180.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.505		-1.0	
2,4-Dinitrotoluene	0.359	0.389		8.4	
Diethylphthalate	1.221	1.265		3.6	
4-Chlorophenyl-phenylether	0.658	0.676		2.7	
Fluorene	1.156	1.160		0.3	
4-Nitroaniline	0.279	0.303		8.6	
4,6-Dinitro-2-methylphenol	0.136	0.135		-0.7	
n-Nitrosodiphenylamine	0.643	0.649		0.9	20.0
2,4,6-Tribromophenol	0.251	0.266		6.0	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.313		4.0	
Atrazine	0.205	0.207		1.0	
Pentachlorophenol	0.150	0.157		4.7	20.0
Phenanthrene	0.996	1.023		2.7	
Anthracene	1.013	1.026		1.3	
Carbazole	0.861	0.882		2.4	
Di-n-butylphthalate	1.041	1.100		5.7	
Fluoranthene	1.029	1.076		4.6	20.0
Pyrene	1.613	1.763		9.3	
Terphenyl-d14	1.259	1.373		9.1	
Butylbenzylphthalate	0.559	0.622		11.3	
3,3-Dichlorobenzidine	0.475	0.470		-1.1	
Benzo (a) anthracene	1.386	1.411		1.8	
Chrysene	1.280	1.333		4.1	
Bis(2-ethylhexyl)phthalate	0.765	0.798		4.3	
Di-n-octyl phthalate	1.320	1.296		-1.8	20.0
Benzo (b) fluoranthene	1.137	1.113		-2.1	
Benzo (k) fluoranthene	1.064	1.156		8.6	
Benzo (a) pyrene	1.049	1.084		3.3	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.493		4.0	
Dibenzo (a,h) anthracene	1.153	1.196		3.7	
Benzo (g,h,i) perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.655		0.0	
1,4-Dioxane	0.528	0.558		5.7	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.347		2.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144180.D
 Acq On : 06 Nov 2025 11:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 06 11:34:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77162	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299960	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	175155	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	301670	20.000	ng	0.00
76) Chrysene-d12	14.057	240	184652	20.000	ng	0.00
86) Perylene-d12	15.539	264	216041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	412062	83.568	ng	0.00
7) Phenol-d6	6.504	99	464824	83.196	ng	0.00
23) Nitrobenzene-d5	7.440	82	430300	82.851	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	186707	84.944	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	896864	75.625	ng	0.00
79) Terphenyl-d14	12.992	244	1014109	87.235	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	86176	42.273	ng	96
3) Pyridine	3.381	79	246430	43.329	ng	98
4) n-Nitrosodimethylamine	3.334	42	128629	43.298	ng	99
6) Aniline	6.540	93	332605	41.783	ng	98
8) 2-Chlorophenol	6.657	128	200122	41.385	ng	98
9) Benzaldehyde	6.428	77	127860	40.527	ng	97
10) Phenol	6.516	94	281330	41.213	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	205644	41.344	ng	98
12) 1,3-Dichlorobenzene	6.816	146	244627	40.996	ng	97
13) 1,4-Dichlorobenzene	6.893	146	245191	41.015	ng	100
14) 1,2-Dichlorobenzene	7.045	146	234848	40.987	ng	99
15) Benzyl Alcohol	7.016	79	183128	41.394	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	384897	42.021	ng	100
17) 2-Methylphenol	7.128	107	161770	42.052	ng	99
18) Hexachloroethane	7.387	117	84498	42.545	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	150190	40.835	ng	98
20) 3+4-Methylphenols	7.281	107	187407	41.326	ng	99
22) Acetophenone	7.287	105	258423	40.160	ng	99
24) Nitrobenzene	7.457	77	231445	41.043	ng	99
25) Isophorone	7.698	82	409848	41.720	ng	98
26) 2-Nitrophenol	7.775	139	116137	41.604	ng	96
27) 2,4-Dimethylphenol	7.810	122	175819	42.022	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	254021	41.408	ng	98
29) 2,4-Dichlorophenol	8.016	162	195158	40.470	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	195235	39.427	ng	99
31) Naphthalene	8.181	128	570292	39.968	ng	99
32) Benzoic acid	7.922	122	108307	35.315	ng	96
33) 4-Chloroaniline	8.228	127	217206	41.738	ng	98
34) Hexachlorobutadiene	8.292	225	151142	40.500	ng	98
35) Caprolactam	8.604	113	56873	43.048	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	181674	42.037	ng	99
37) 2-Methylnaphthalene	8.869	142	387454	40.614	ng	100
38) 1-Methylnaphthalene	8.969	142	369457	40.136	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	229334	39.951	ng	99
41) Hexachlorocyclopentadiene	9.022	237	69669	39.826	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	152111	38.933	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144180.D
 Acq On : 06 Nov 2025 11:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 06 11:34:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	166938	39.644	ng	99
46) 1,1'-Biphenyl	9.334	154	477827	39.082	ng	99
47) 2-Chloronaphthalene	9.363	162	404419	38.778	ng	99
48) 2-Nitroaniline	9.457	65	127167	42.260	ng	98
49) Acenaphthylene	9.775	152	567978	39.964	ng	99
50) Dimethylphthalate	9.634	163	470054	40.509	ng	100
51) 2,6-Dinitrotoluene	9.698	165	99437	42.332	ng	98
52) Acenaphthene	9.951	154	369154	38.842	ng	99
53) 3-Nitroaniline	9.869	138	109186	42.522	ng	99
54) 2,4-Dinitrophenol	9.981	184	51045	35.987	ng	99
55) Dibenzofuran	10.122	168	527126	39.602	ng	99
56) 4-Nitrophenol	10.034	139	77512	41.731	ng	97
57) 2,4-Dinitrotoluene	10.104	165	136325	43.353	ng	100
58) Fluorene	10.463	166	406516	40.169	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121713	40.854	ng	98
60) Diethylphthalate	10.334	149	443003	41.414	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	236731	41.066	ng	99
62) 4-Nitroaniline	10.486	138	106296	43.469	ng	99
63) Azobenzene	10.616	77	412458	41.431	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	81746	39.889	ng	99
66) n-Nitrosodiphenylamine	10.575	169	391555	40.356	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	158394	41.135	ng	98
68) Hexachlorobenzene	11.016	284	188618	41.588	ng	98
69) Atrazine	11.104	200	125179	40.569	ng	98
70) Pentachlorophenol	11.210	266	94551	41.865	ng	100
71) Phenanthrene	11.433	178	616940	41.075	ng	99
72) Anthracene	11.486	178	618922	40.525	ng	100
73) Carbazole	11.639	167	531956	40.961	ng	100
74) Di-n-butylphthalate	11.963	149	663671	42.273	ng	100
75) Fluoranthene	12.622	202	649189	41.842	ng	99
77) Benzidine	12.745	184	226599	41.487	ng	99
78) Pyrene	12.857	202	651255	43.743	ng	100
80) Butylbenzylphthalate	13.469	149	229535	44.482	ng	97
81) Benzo(a)anthracene	14.045	228	520973	40.708	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	173413	39.531	ng	96
83) Chrysene	14.080	228	492102	41.654	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	294872	41.744	ng	100
85) Di-n-octyl phthalate	14.645	149	478580	39.268	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	645112	41.598	ng	99
88) Benzo(b)fluoranthene	15.104	252	481093	39.169	ng	99
89) Benzo(k)fluoranthene	15.133	252	499580	43.456	ng	99
90) Benzo(a)pyrene	15.474	252	468327	41.332	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	516567	41.475	ng	98
92) Benzo(g,h,i)perylene	17.498	276	517098	42.043	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Abundance

TIC: BF144180.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethanamine

2-Fluorophenol, S

Phenol, C

Phenol-d6, S

Nitrobenzene, d5, S

2-Methylphthalate

2-Fluorobiphenyl, S

4-Chlorophenylphenyl ether

Terphenyl-d14, S

Pyrene

Fluoranthene, C

Butylbenzylphthalate

3,3'-Dichlorobiphenyl, C

Di-n-octyl phthalate, C

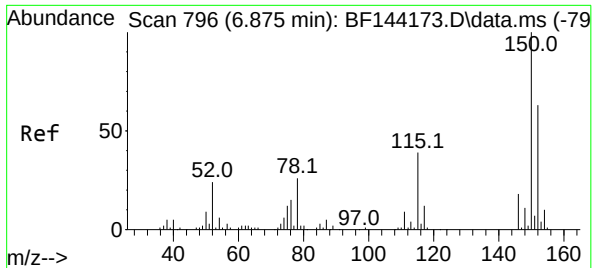
Benzo(a)pyrene, C

Perylene-d12, T

Benzo(a)pyrene, C

Indeno(1,2,3-cd)pyrene

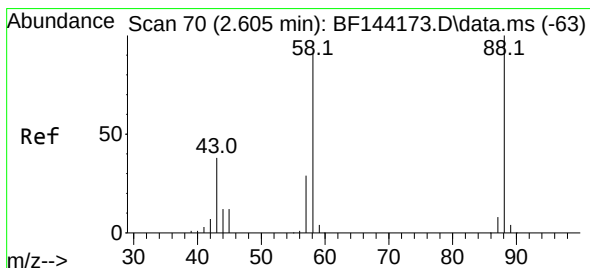
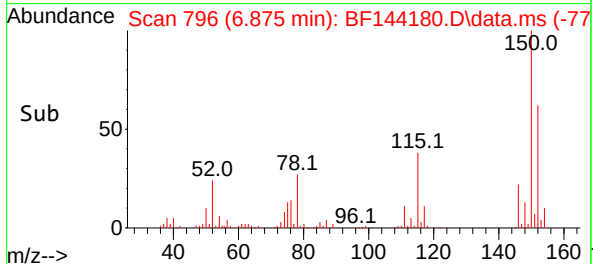
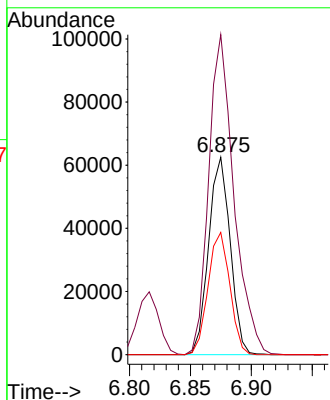
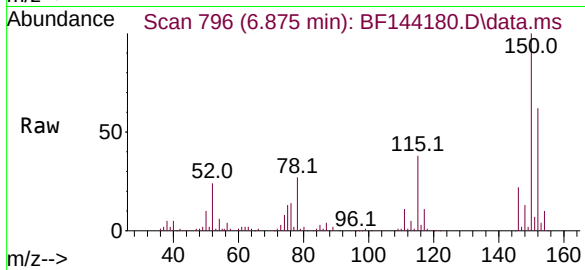
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

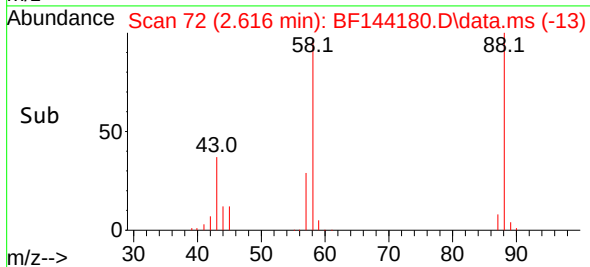
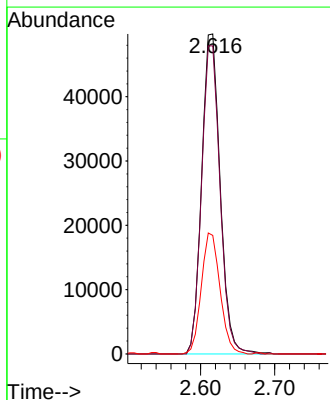
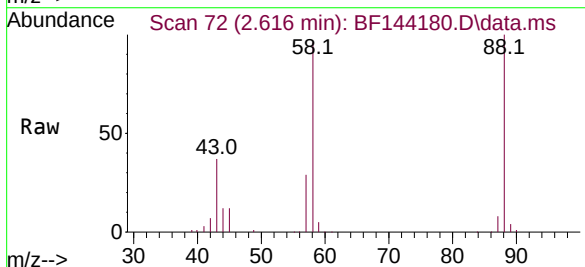
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

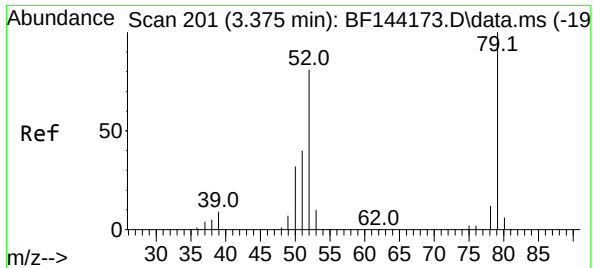
Tgt Ion:152 Resp: 77162
Ion Ratio Lower Upper
152 100
150 162.1 127.4 191.0
115 61.9 49.5 74.3



#2
1,4-Dioxane
Concen: 42.273 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion: 88 Resp: 86176
Ion Ratio Lower Upper
88 100
58 96.2 73.1 109.7
43 38.2 31.0 46.6

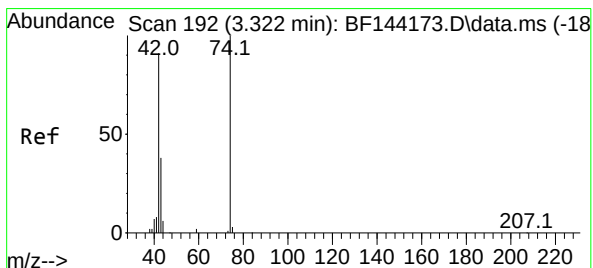
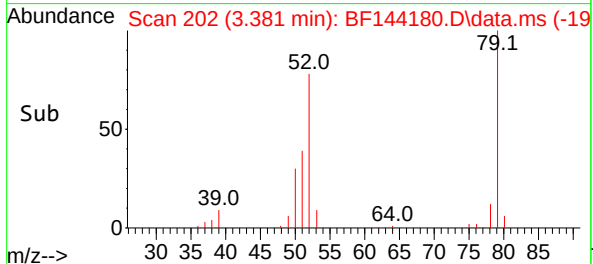
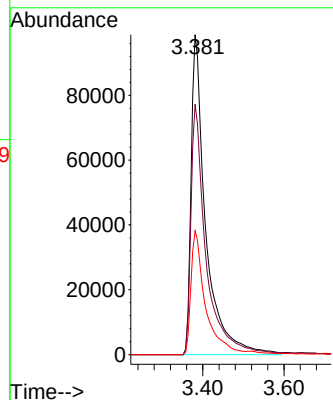
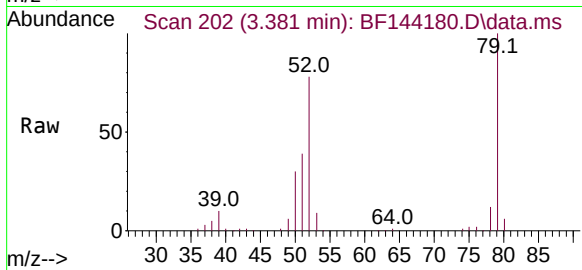




#3
Pyridine
Concen: 43.329 ng
RT: 3.381 min Scan# 201
Delta R.T. -0.029 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

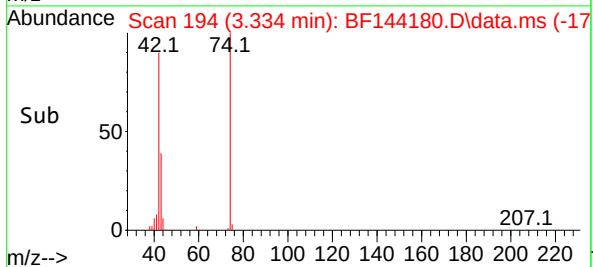
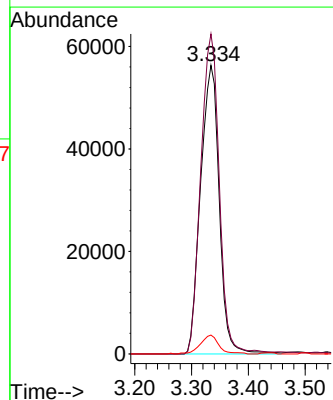
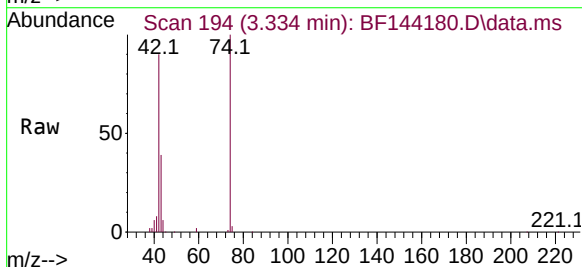
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

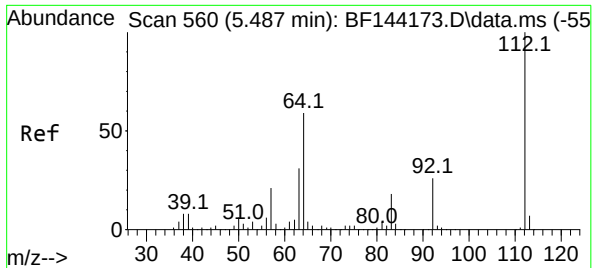
Tgt Ion: 79 Resp: 246430
Ion Ratio Lower Upper
79 100
52 78.2 64.5 96.7
51 38.7 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 43.298 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion: 42 Resp: 128629
Ion Ratio Lower Upper
42 100
74 110.9 88.2 132.4
44 6.5 5.7 8.5

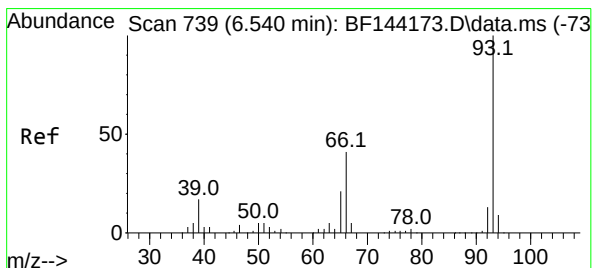
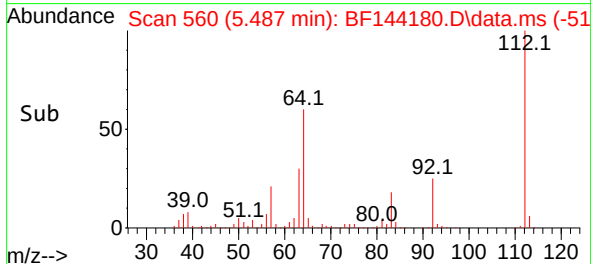
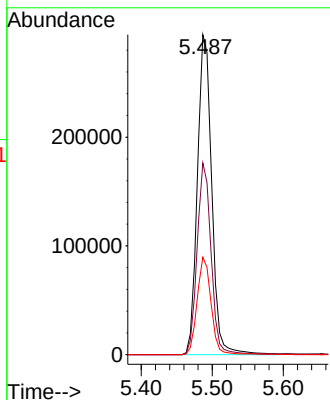
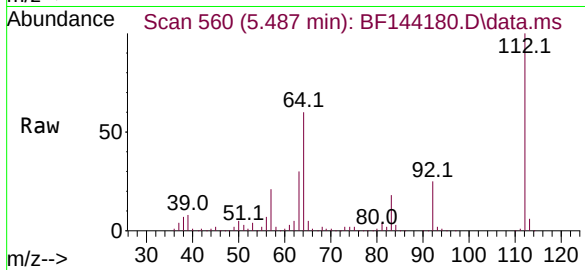




#5
2-Fluorophenol
Concen: 83.568 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

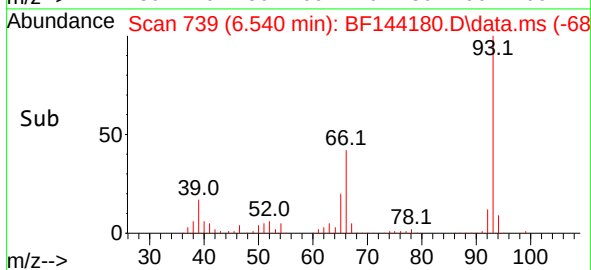
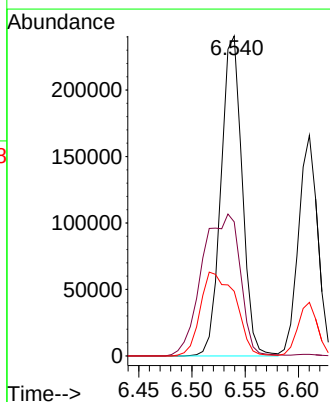
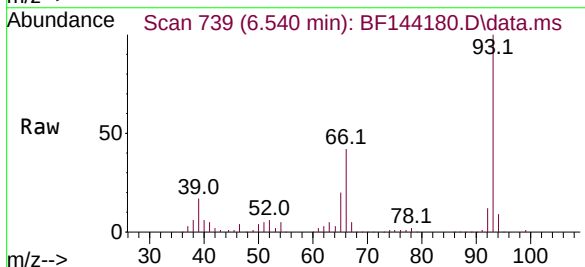
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

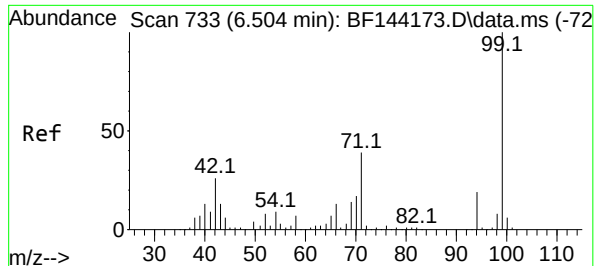
Tgt Ion:112 Resp: 412062
Ion Ratio Lower Upper
112 100
64 59.9 47.2 70.8
63 30.4 24.4 36.6



#6
Aniline
Concen: 41.783 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion: 93 Resp: 332605
Ion Ratio Lower Upper
93 100
66 41.9 34.3 51.5
65 20.2 16.9 25.3

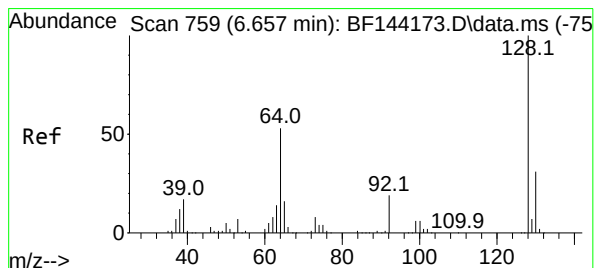
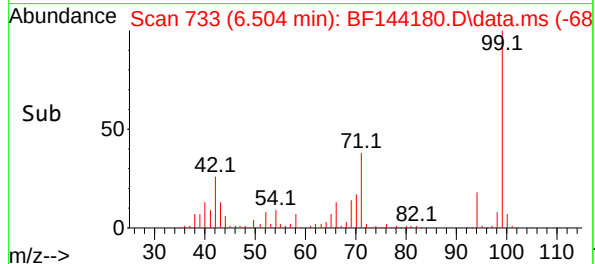
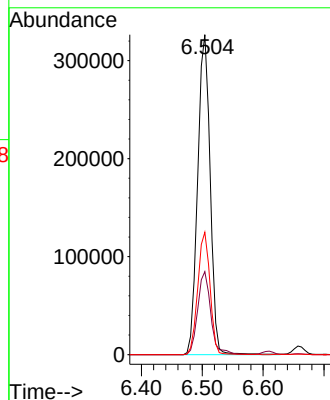
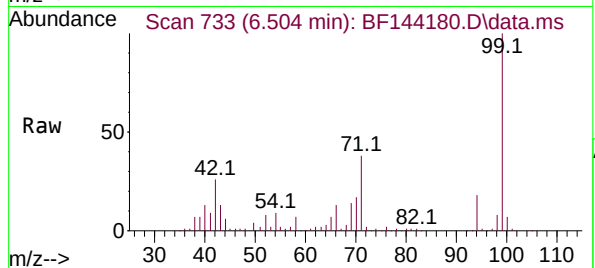




#7
Phenol-d6
Concen: 83.196 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

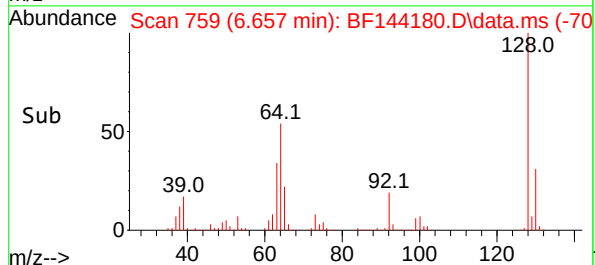
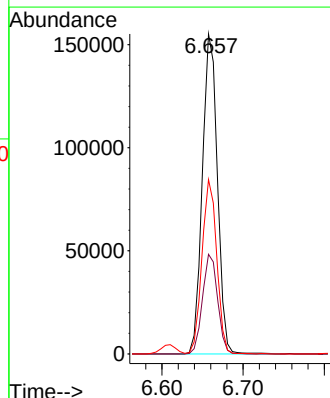
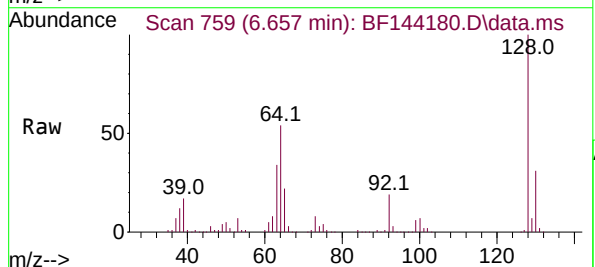
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

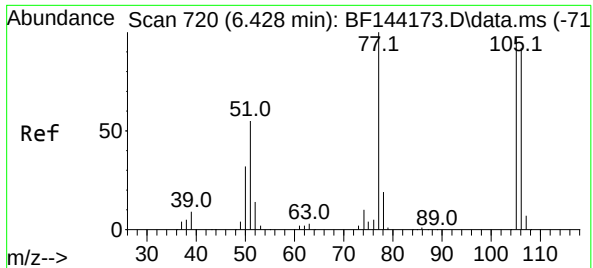
Tgt Ion: 99 Resp: 464824
Ion Ratio Lower Upper
99 100
42 25.9 20.9 31.3
71 38.2 31.4 47.2



#8
2-Chlorophenol
Concen: 41.385 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion: 128 Resp: 200122
Ion Ratio Lower Upper
128 100
130 31.1 10.5 50.5
64 54.5 33.2 73.2





#9

Benzaldehyde

Concen: 40.527 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

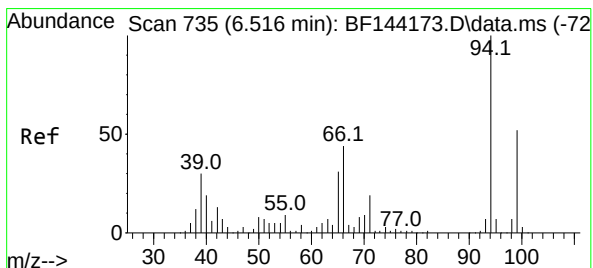
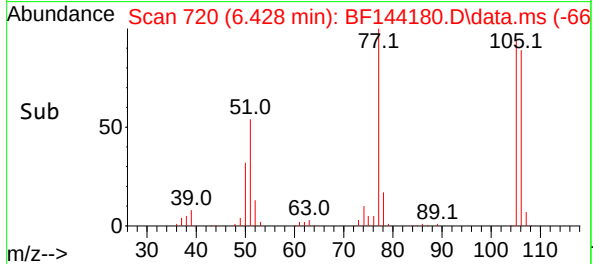
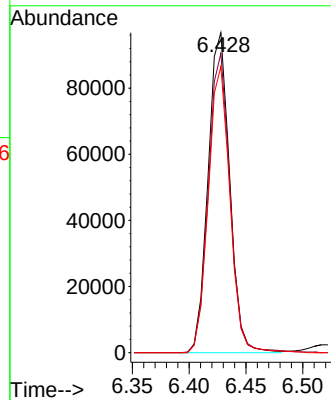
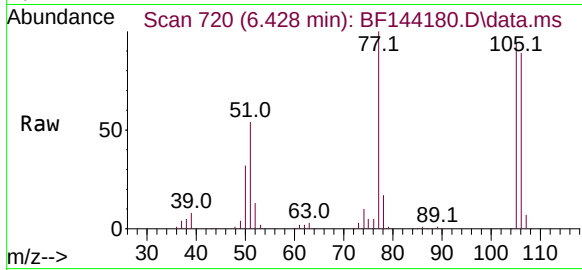
Tgt Ion: 77 Resp: 127860

Ion Ratio Lower Upper

77 100

105 93.5 77.2 117.2

106 89.4 72.2 112.2



#10

Phenol

Concen: 41.213 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

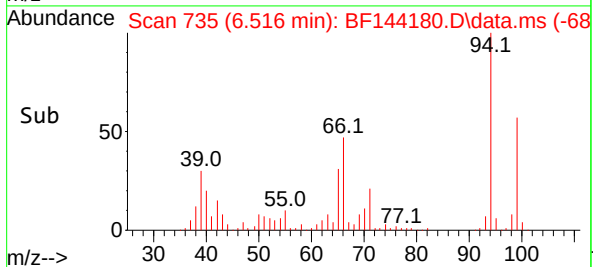
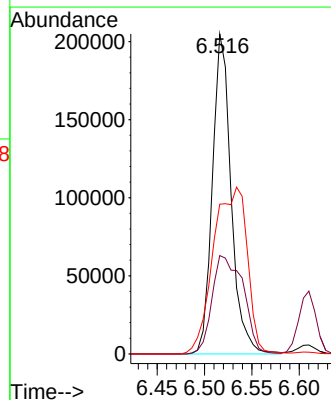
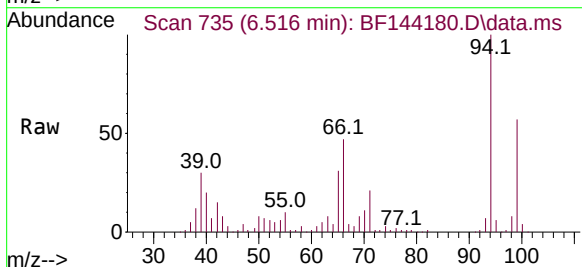
Tgt Ion: 94 Resp: 281330

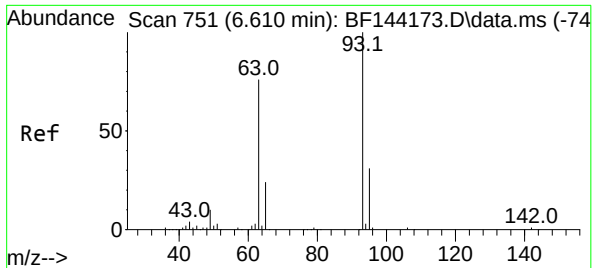
Ion Ratio Lower Upper

94 100

65 30.7 10.8 50.8

66 46.8 24.3 64.3

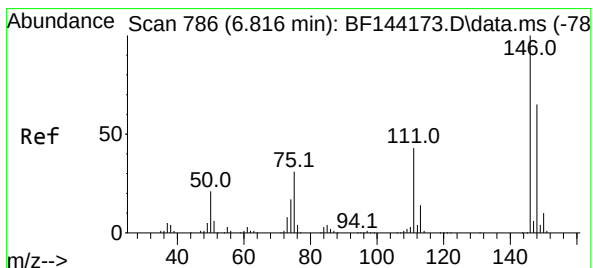
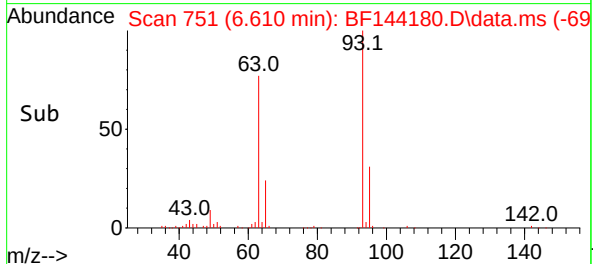
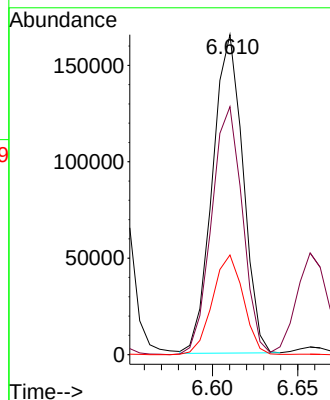
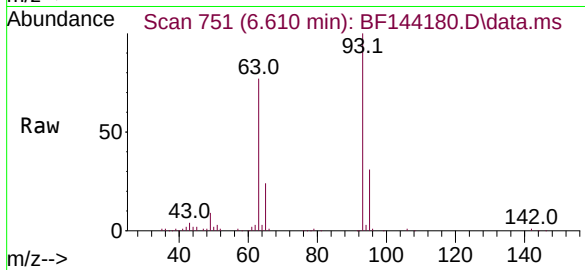




#11
bis(2-Chloroethyl)ether
Concen: 41.344 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

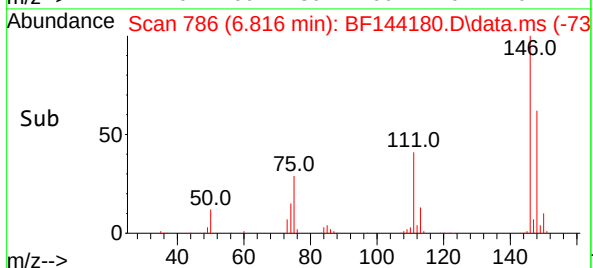
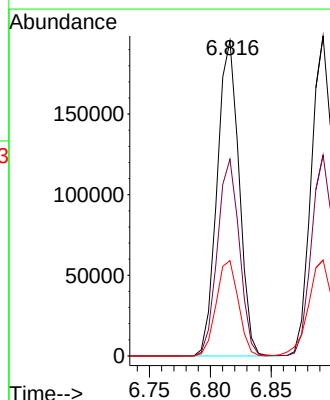
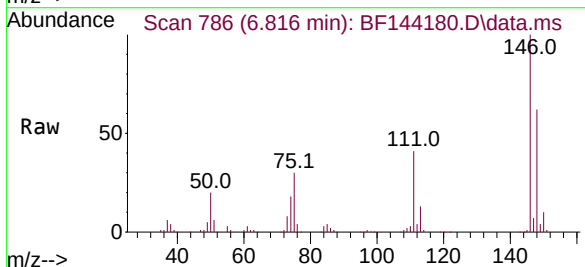
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

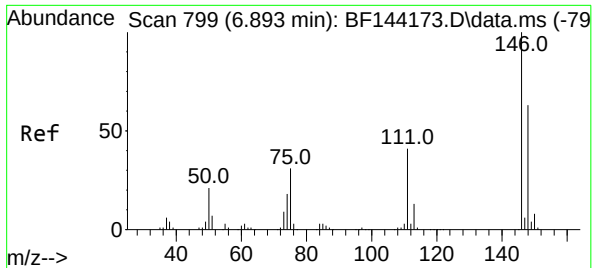
Tgt Ion: 93 Resp: 205644
Ion Ratio Lower Upper
93 100
63 77.5 55.2 95.2
95 31.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.996 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion: 146 Resp: 244627
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.8
75 30.3 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.015 ng

RT: 6.893 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

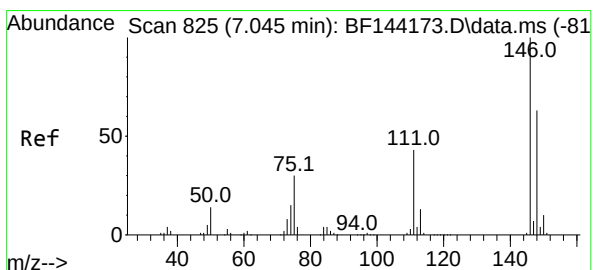
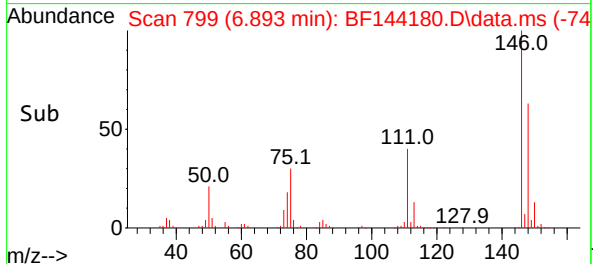
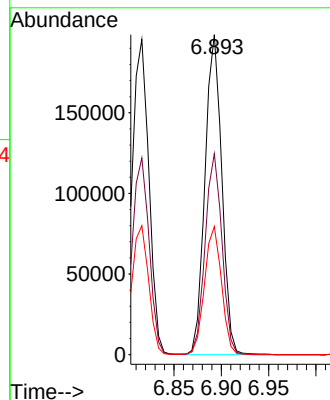
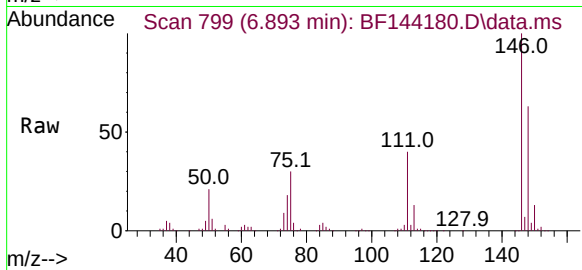
Tgt Ion:146 Resp: 245191

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 40.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.987 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

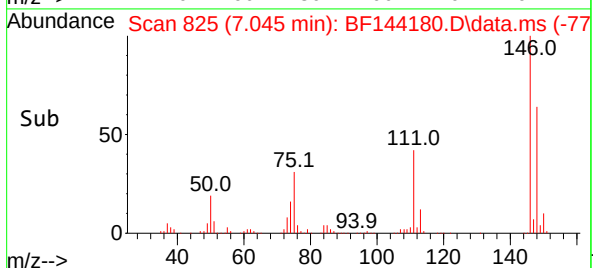
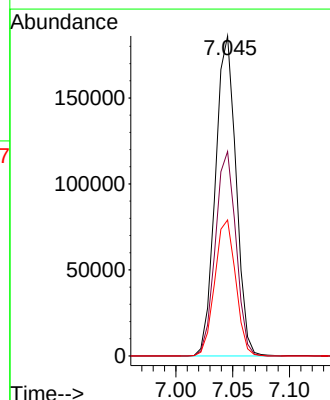
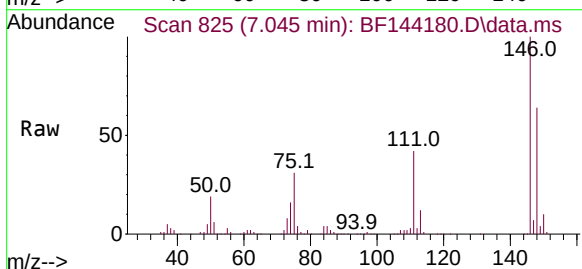
Tgt Ion:146 Resp: 234848

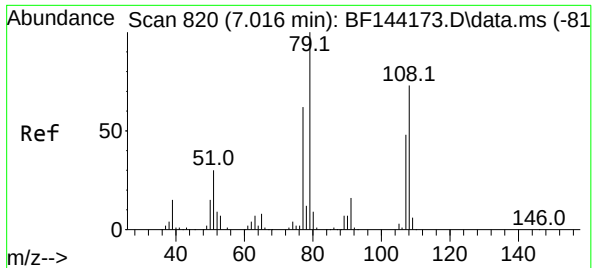
Ion Ratio Lower Upper

146 100

148 63.9 50.7 76.1

111 42.5 34.2 51.4

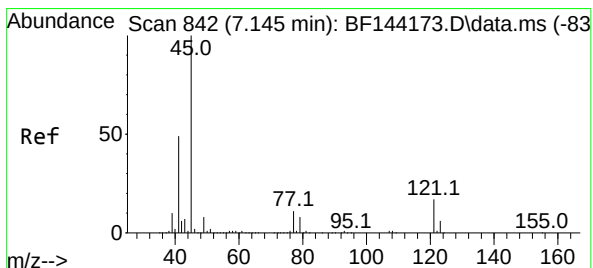
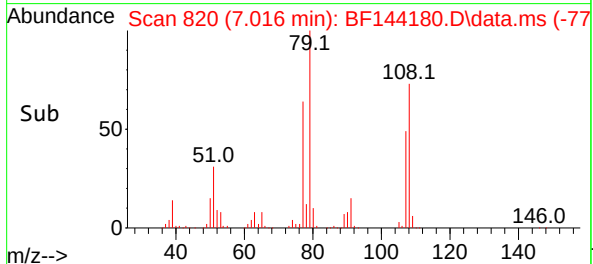
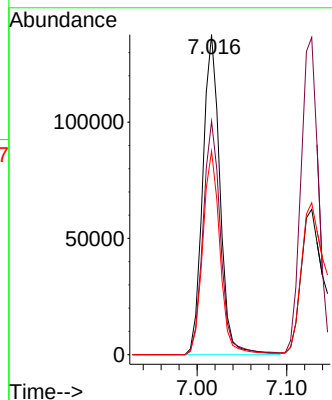
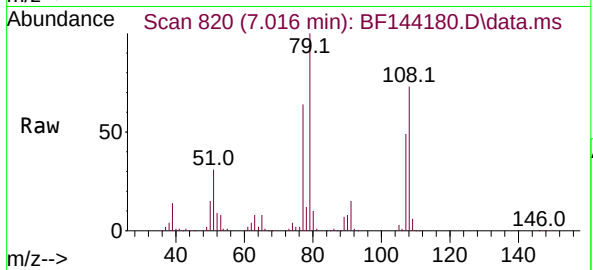




#15
Benzyl Alcohol
Concen: 41.394 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

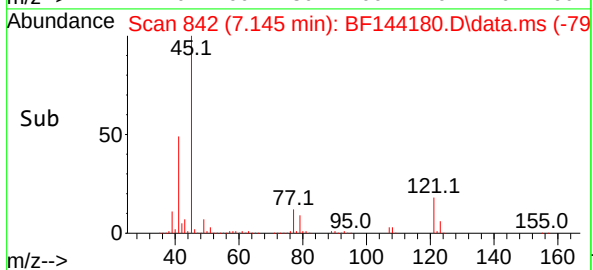
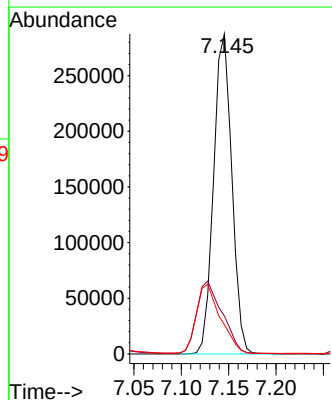
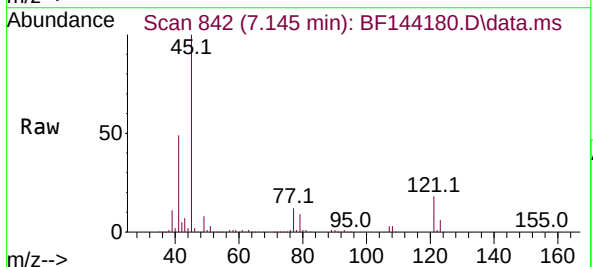
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

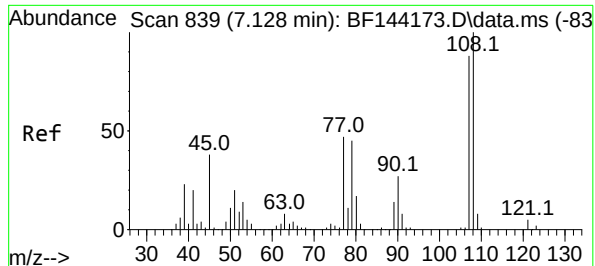
Tgt Ion: 79 Resp: 183128
Ion Ratio Lower Upper
79 100
108 72.9 58.2 87.4
77 63.6 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.021 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion: 45 Resp: 384897
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 9.1 0.0 29.1

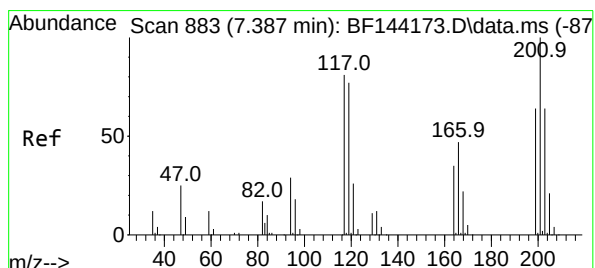
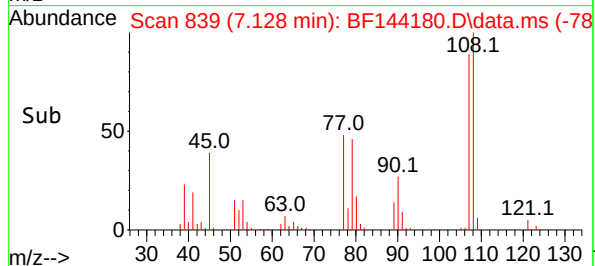
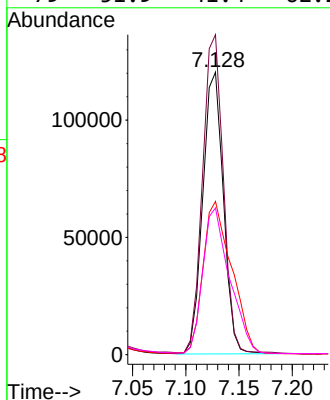
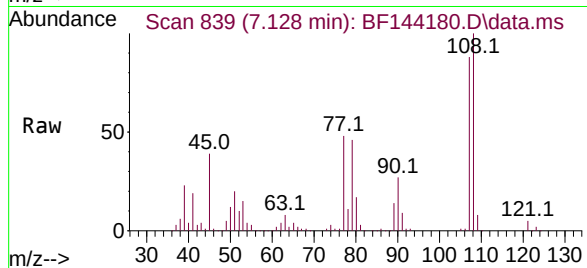




#17
2-Methylphenol
Concen: 42.052 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

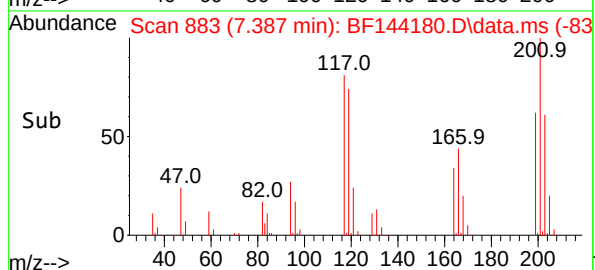
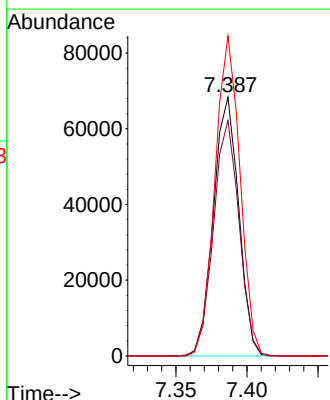
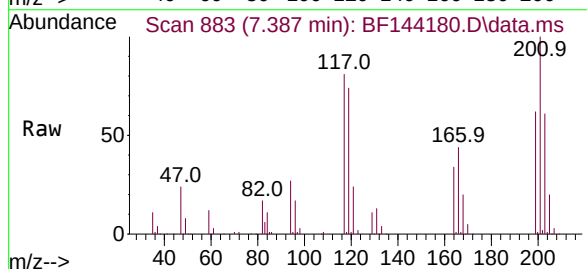
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

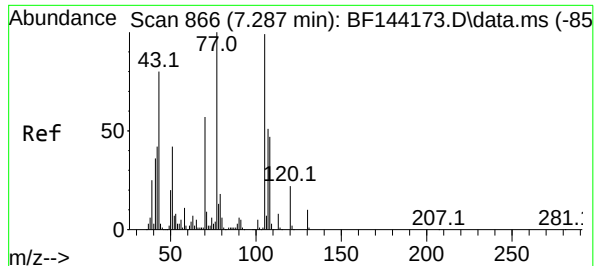
Tgt Ion:107 Resp: 161770
Ion Ratio Lower Upper
107 100
108 113.3 91.0 136.4
77 54.2 42.7 64.1
79 51.9 41.4 62.2



#18
Hexachloroethane
Concen: 42.545 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:117 Resp: 84498
Ion Ratio Lower Upper
117 100
119 91.0 75.8 113.8
201 123.7 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.835 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.012 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 150190

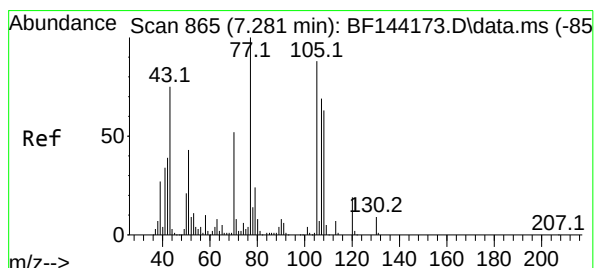
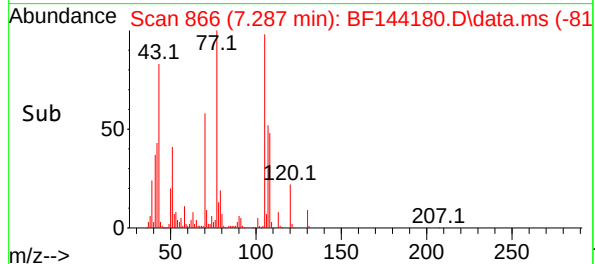
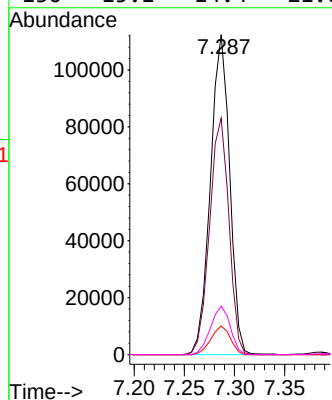
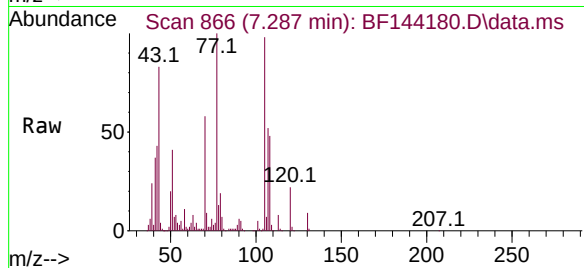
Ion Ratio Lower Upper

70 100

42 73.9 58.3 87.5

101 8.9 7.0 10.6

130 15.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 41.326 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Tgt Ion:107 Resp: 187407

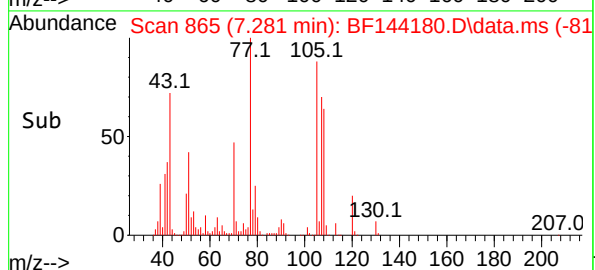
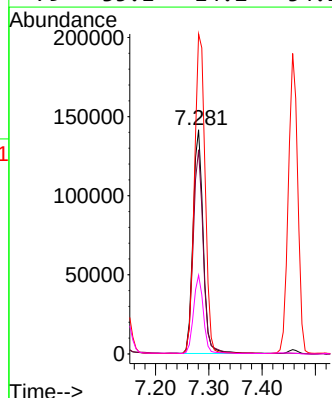
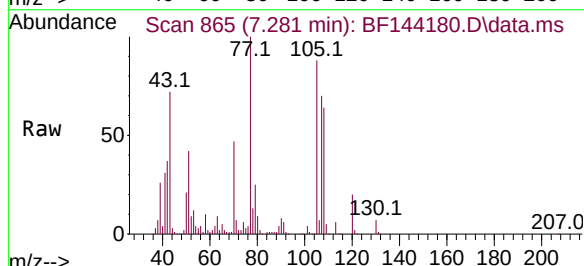
Ion Ratio Lower Upper

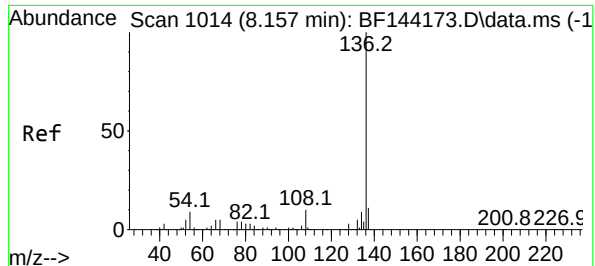
107 100

108 91.1 70.2 110.2

77 142.8 123.9 163.9

79 35.1 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 299960

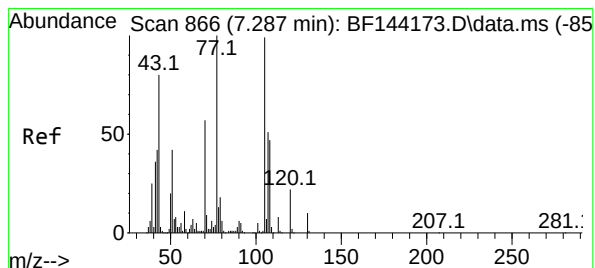
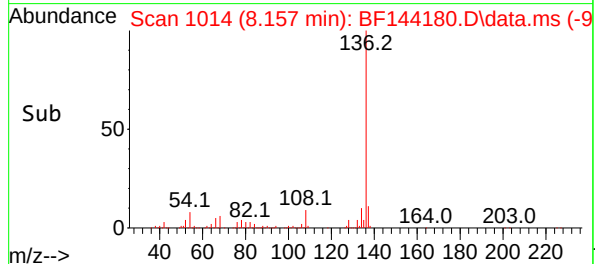
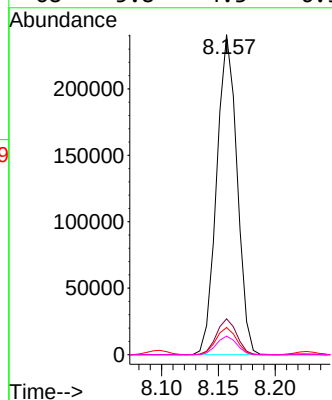
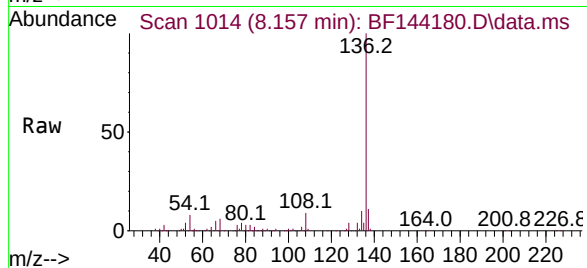
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.5 7.0 10.6

68 5.8 4.3 6.5



#22

Acetophenone

Concen: 40.160 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Tgt Ion:105 Resp: 258423

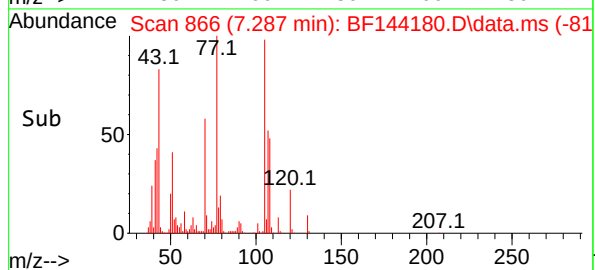
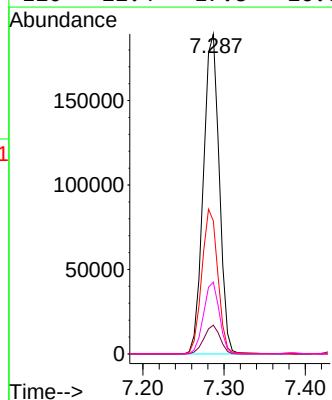
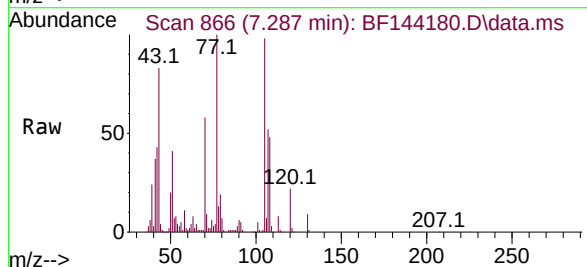
Ion Ratio Lower Upper

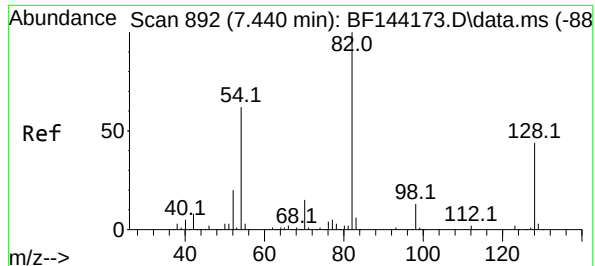
105 100

71 9.0 7.2 10.8

51 41.6 34.0 51.0

120 22.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 82.851 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

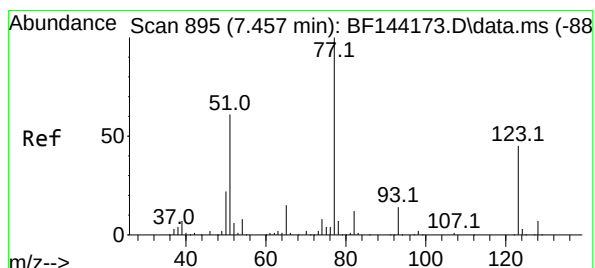
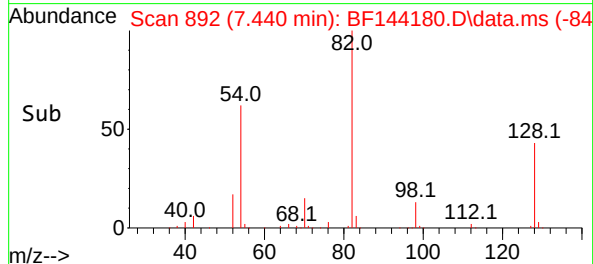
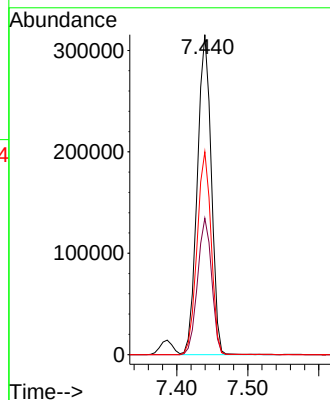
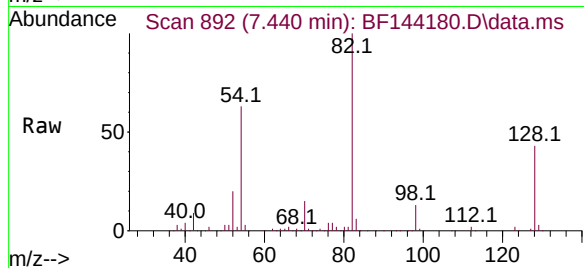
Tgt Ion: 82 Resp: 430300

Ion Ratio Lower Upper

82 100

128 42.6 34.7 52.1

54 63.4 49.5 74.3



#24

Nitrobenzene

Concen: 41.043 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

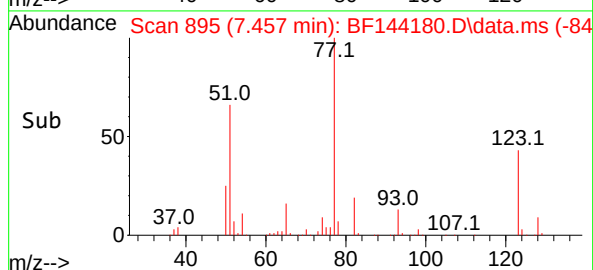
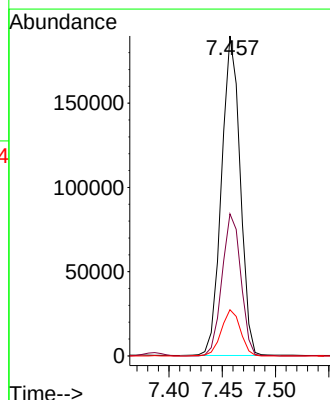
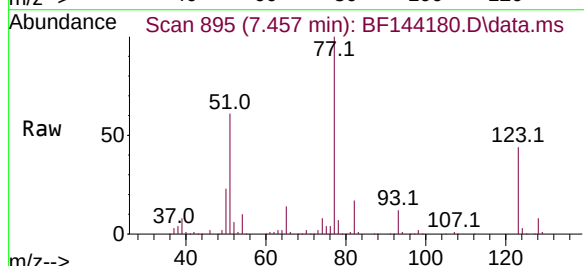
Tgt Ion: 77 Resp: 231445

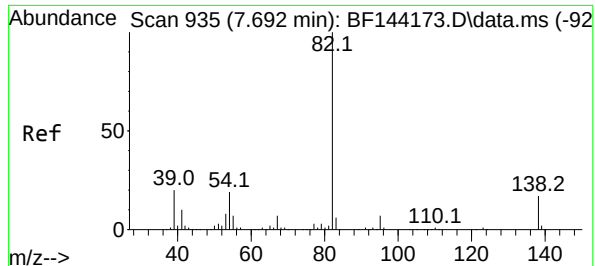
Ion Ratio Lower Upper

77 100

123 44.4 35.8 53.8

65 14.4 12.2 18.2





#25

Isophorone

Concen: 41.720 ng

RT: 7.698 min Scan# 935

Delta R.T. 0.012 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

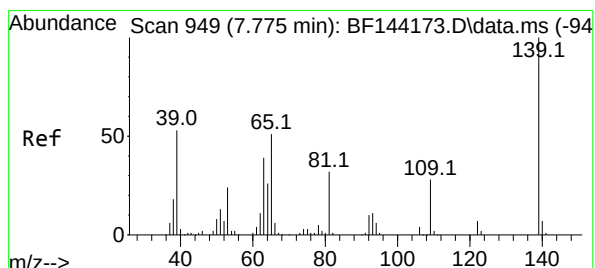
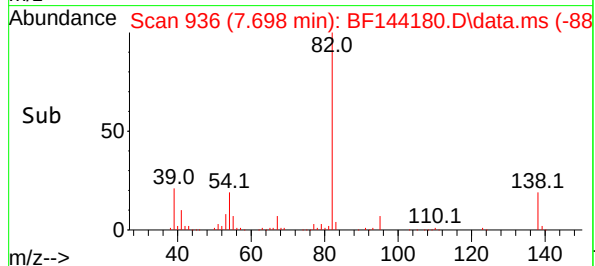
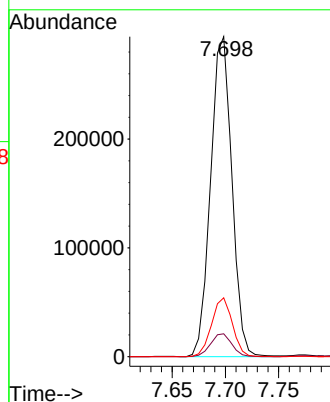
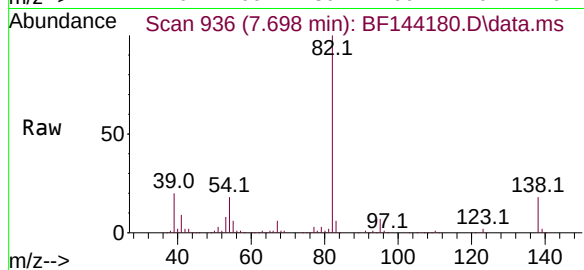
Tgt Ion: 82 Resp: 409848

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 18.4 13.7 20.5



#26

2-Nitrophenol

Concen: 41.604 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

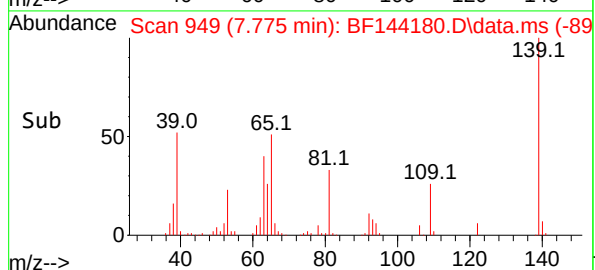
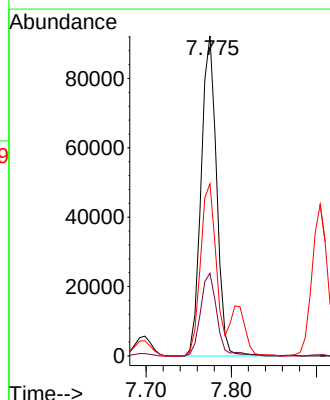
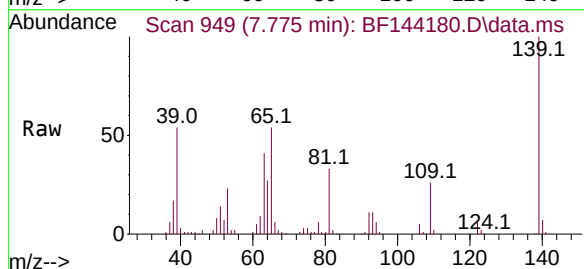
Tgt Ion: 139 Resp: 116137

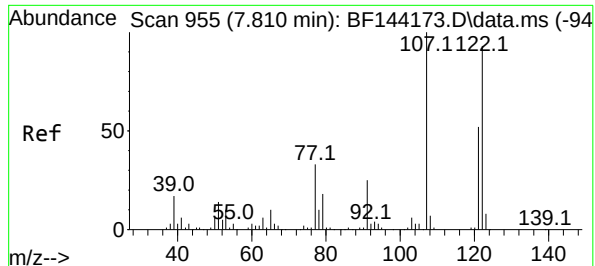
Ion Ratio Lower Upper

139 100

109 25.8 22.2 33.2

65 53.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 42.022 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

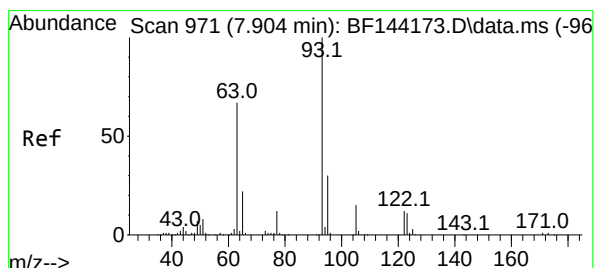
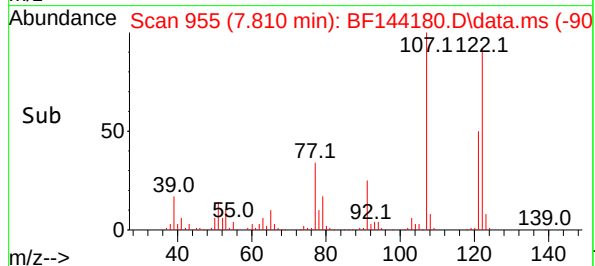
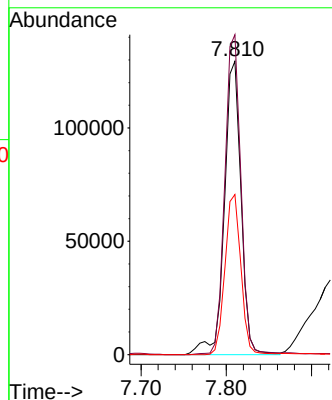
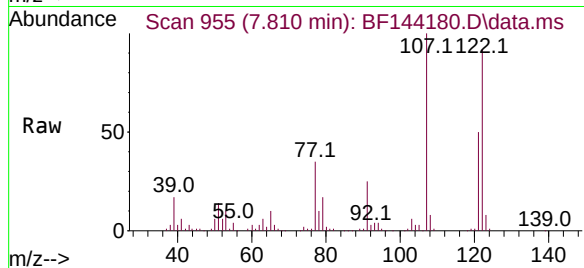
Tgt Ion:122 Resp: 175819

Ion Ratio Lower Upper

122 100

107 109.1 86.2 129.4

121 54.6 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.408 ng

RT: 7.904 min Scan# 971

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

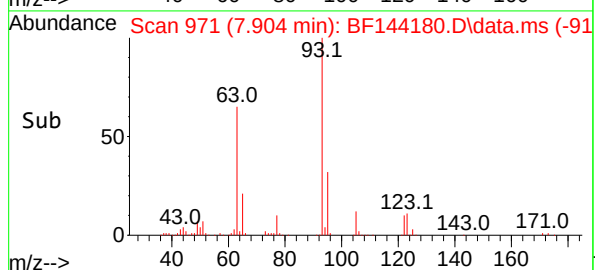
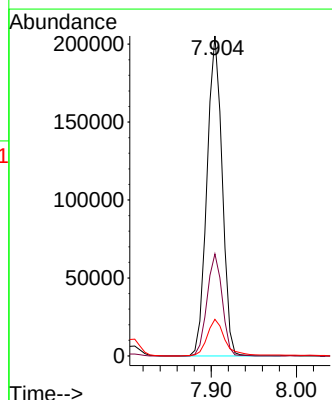
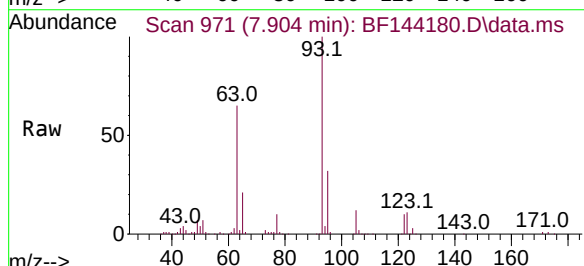
Tgt Ion: 93 Resp: 254021

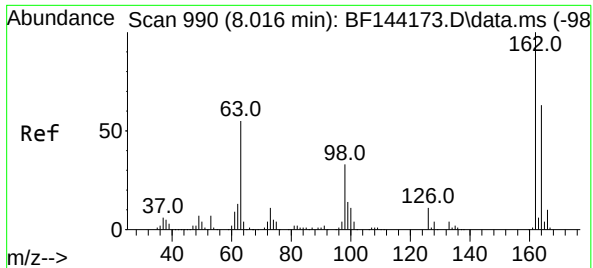
Ion Ratio Lower Upper

93 100

95 31.9 24.2 36.4

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.470 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

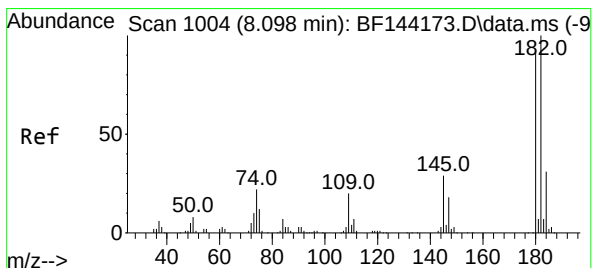
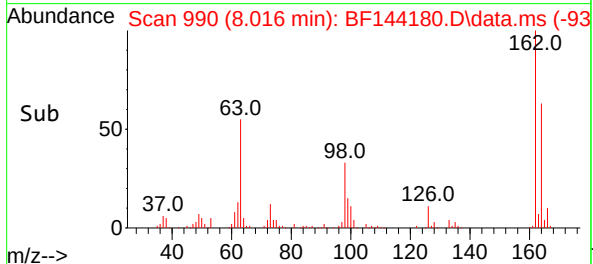
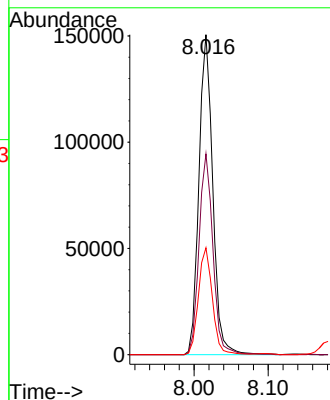
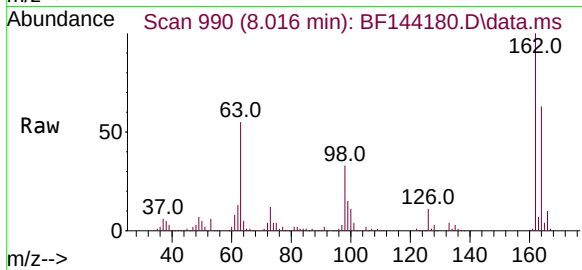
Tgt Ion:162 Resp: 195158

Ion Ratio Lower Upper

162 100

164 62.7 42.9 82.9

98 33.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 39.427 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

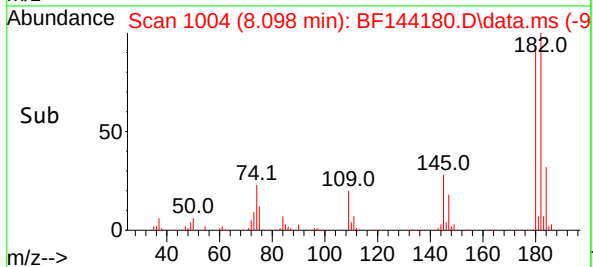
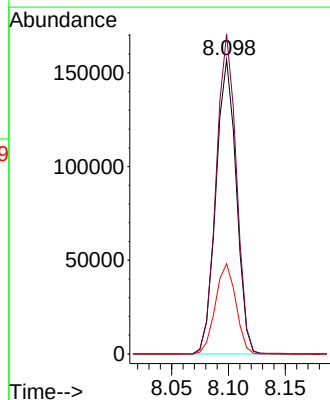
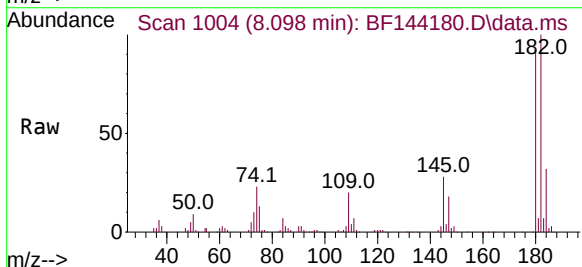
Tgt Ion:180 Resp: 195235

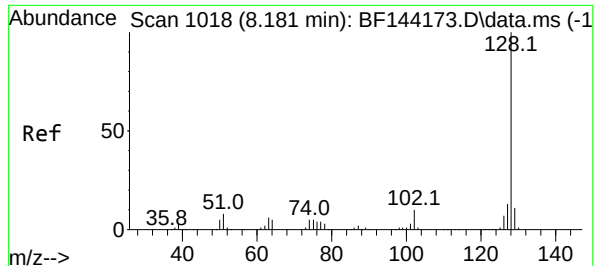
Ion Ratio Lower Upper

180 100

182 108.8 87.7 131.5

145 30.6 25.4 38.0





#31

Naphthalene

Concen: 39.968 ng

RT: 8.181 min Scan# 1018

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

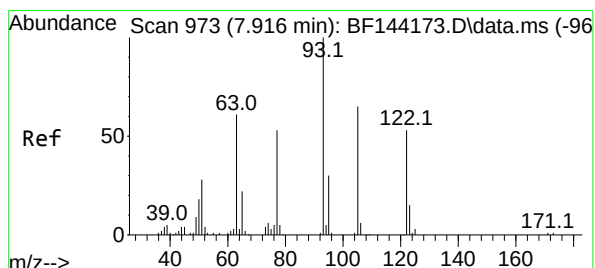
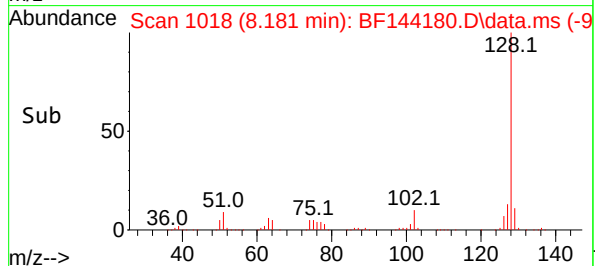
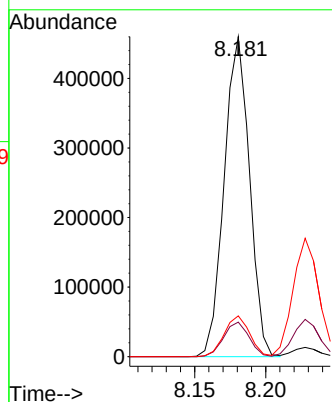
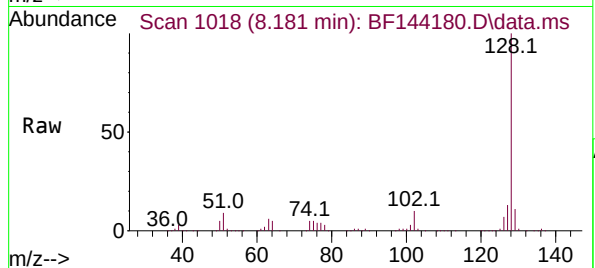
Tgt Ion:128 Resp: 570292

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 12.7 10.3 15.5



#32

Benzoic acid

Concen: 35.315 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.029 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

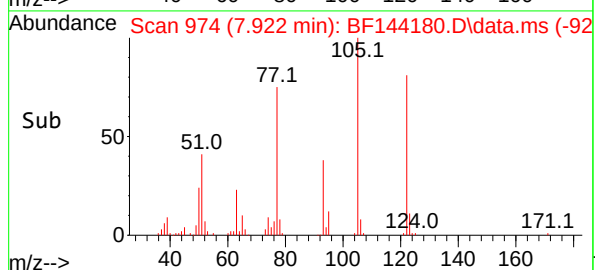
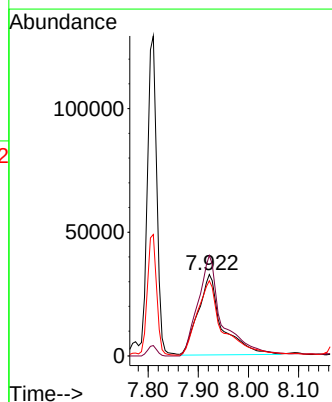
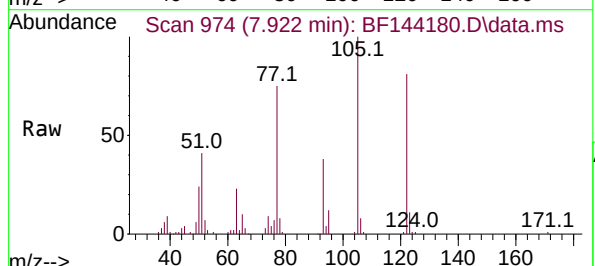
Tgt Ion:122 Resp: 108307

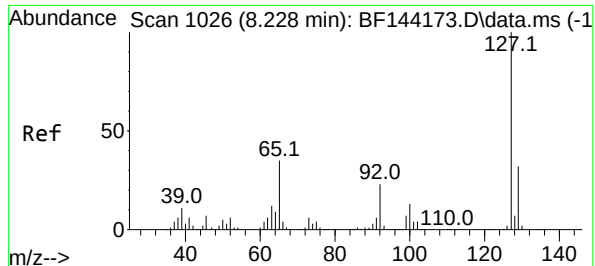
Ion Ratio Lower Upper

122 100

105 123.4 99.9 139.9

77 92.2 77.5 117.5





#33

4-Chloroaniline

Concen: 41.738 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 217206

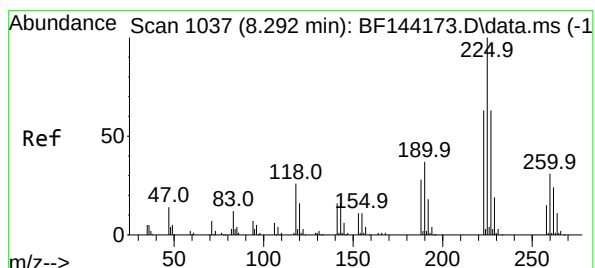
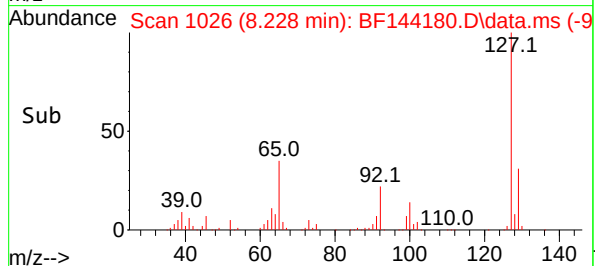
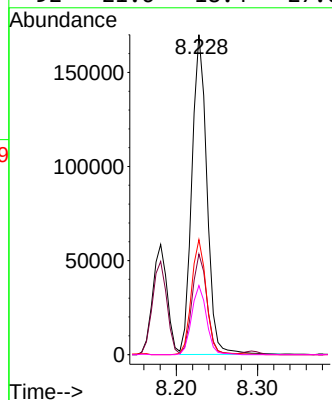
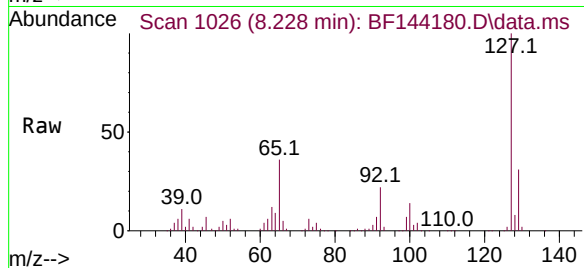
Ion Ratio Lower Upper

127 100

129 31.4 25.3 37.9

65 35.9 27.6 41.4

92 21.6 18.4 27.6



#34

Hexachlorobutadiene

Concen: 40.500 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

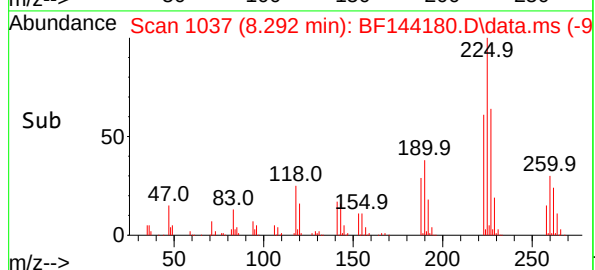
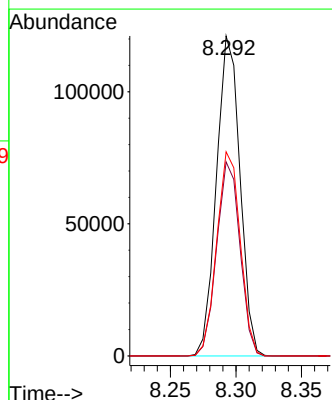
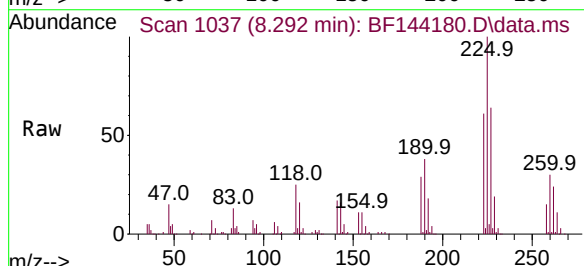
Tgt Ion:225 Resp: 151142

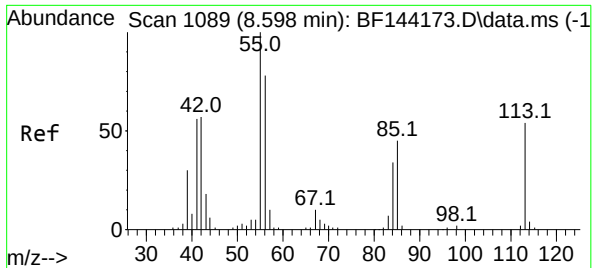
Ion Ratio Lower Upper

225 100

223 60.6 50.2 75.4

227 63.8 50.1 75.1

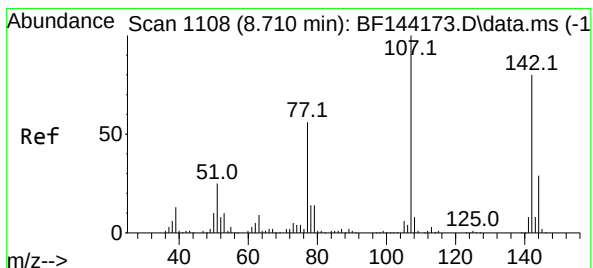
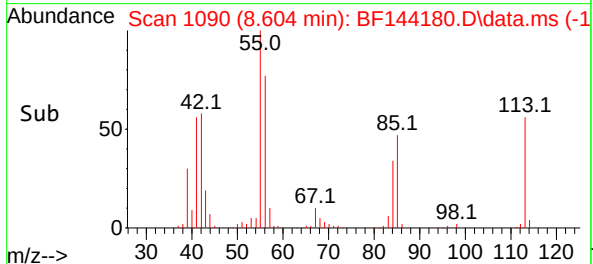
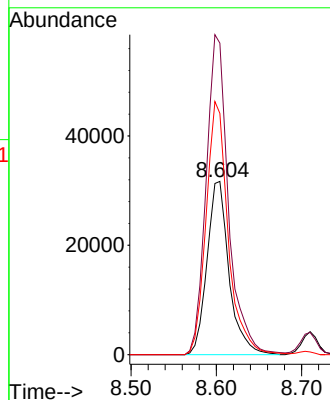
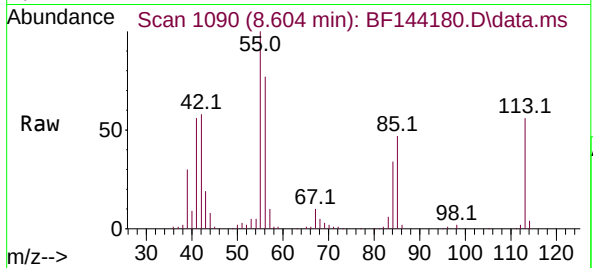




#35
Caprolactam
Concen: 43.048 ng
RT: 8.604 min Scan# 1089
Delta R.T. -0.018 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

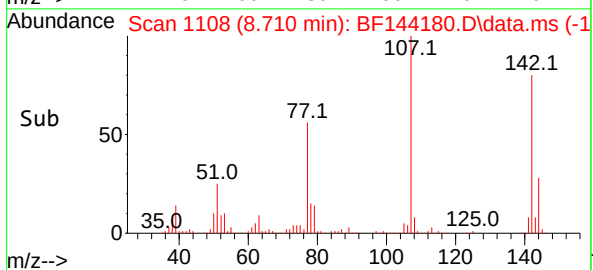
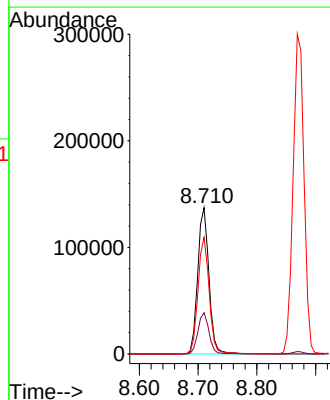
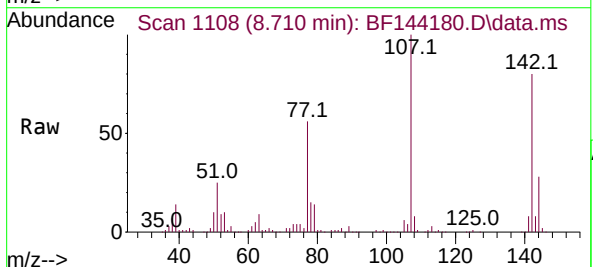
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

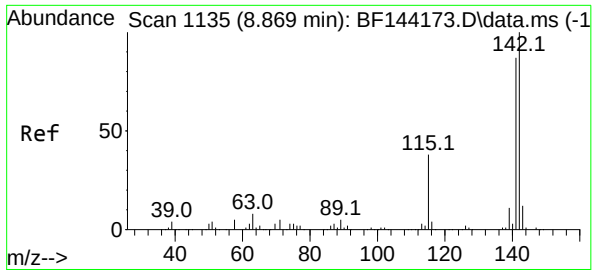
Tgt Ion:113 Resp: 56873
Ion Ratio Lower Upper
113 100
55 179.9 166.8 206.8
56 139.3 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 42.037 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:107 Resp: 181674
Ion Ratio Lower Upper
107 100
144 28.2 23.3 34.9
142 79.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.614 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

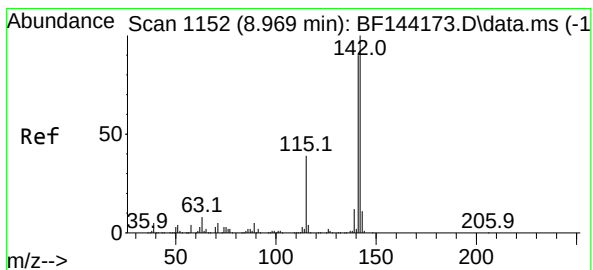
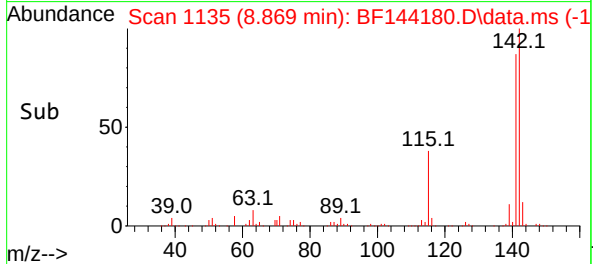
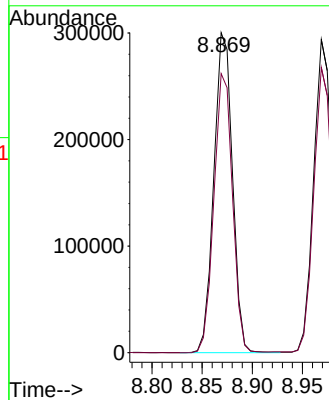
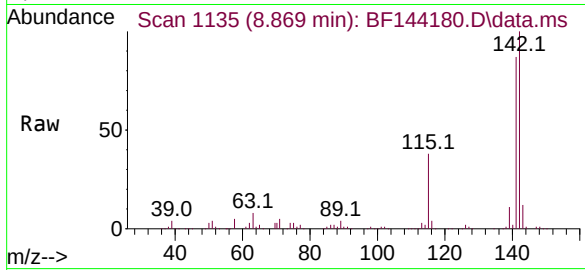
SSTDCCC040

Tgt Ion:142 Resp: 387454

Ion Ratio Lower Upper

142 100

141 87.2 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.136 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF144180.D

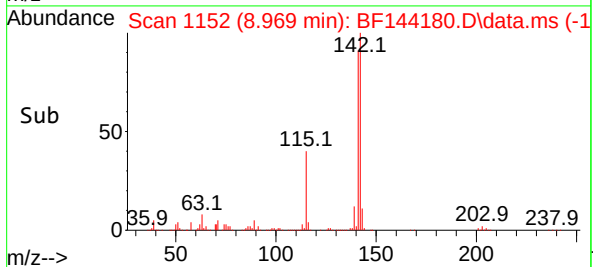
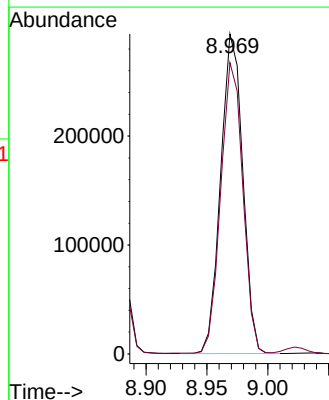
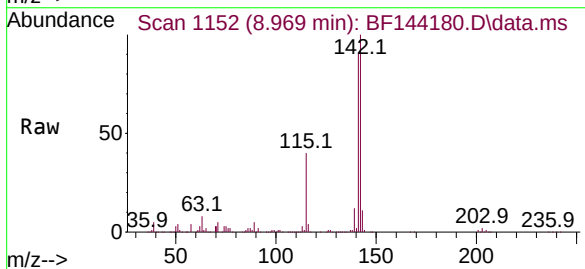
Acq: 06 Nov 2025 11:13

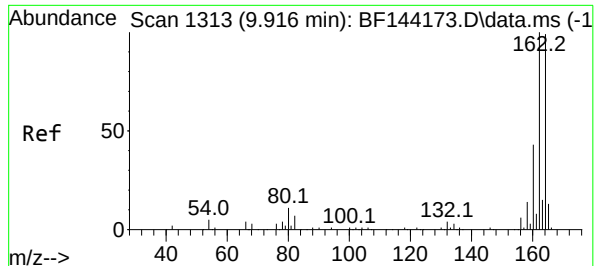
Tgt Ion:142 Resp: 369457

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144180.D

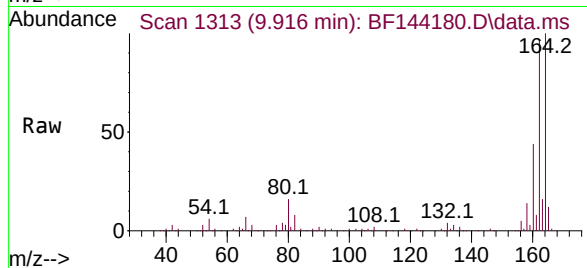
Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



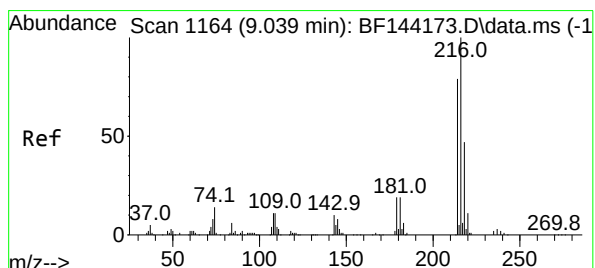
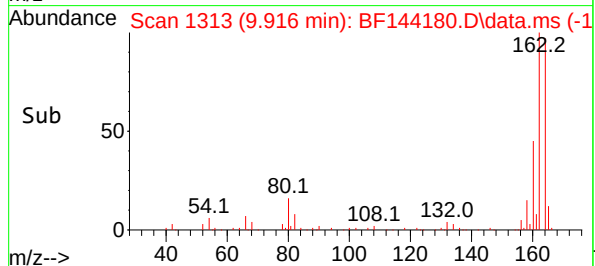
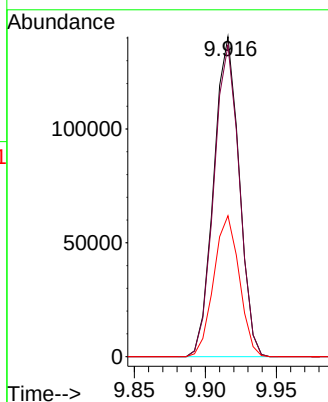
Tgt Ion:164 Resp: 175155

Ion Ratio Lower Upper

164 100

162 97.3 81.1 121.7

160 44.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.951 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Tgt Ion:216 Resp: 229334

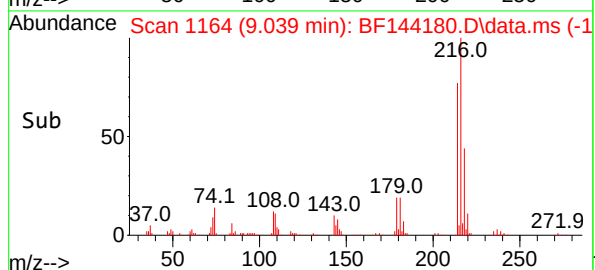
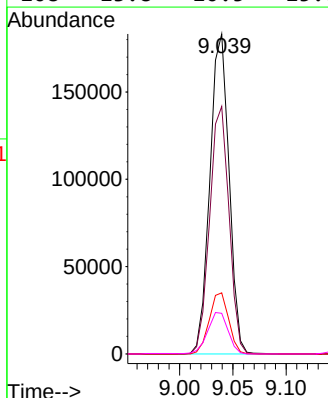
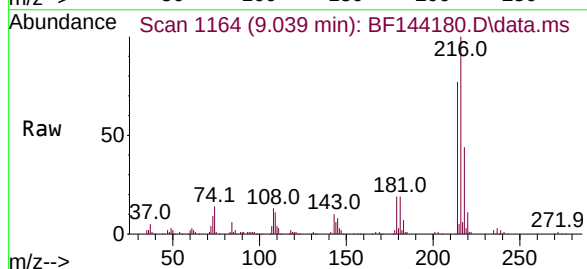
Ion Ratio Lower Upper

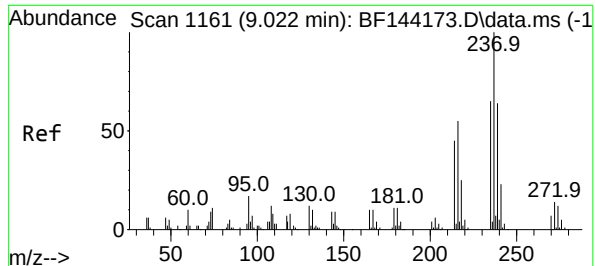
216 100

214 78.0 63.4 95.2

179 19.4 15.0 22.4

108 13.8 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 39.826 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

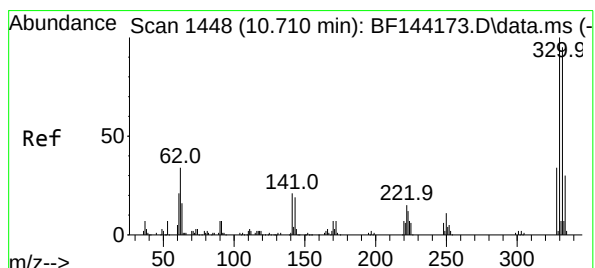
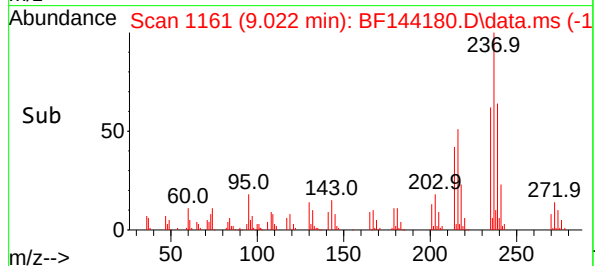
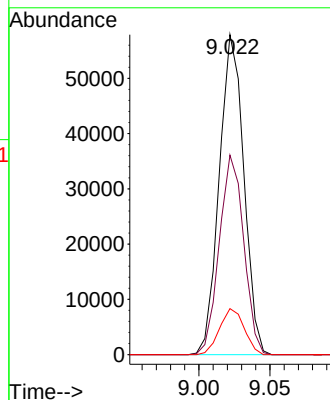
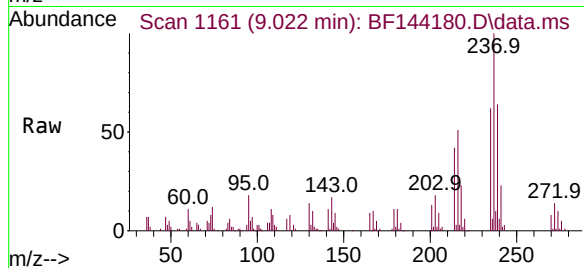
Tgt Ion:237 Resp: 69669

Ion Ratio Lower Upper

237 100

235 62.3 45.5 85.5

272 14.4 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 84.944 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

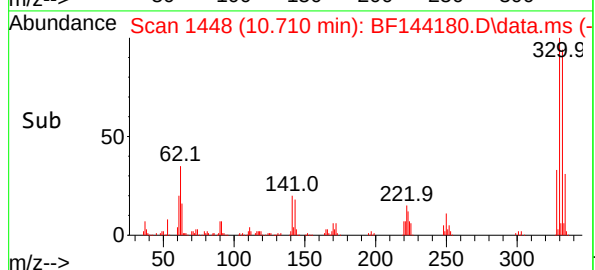
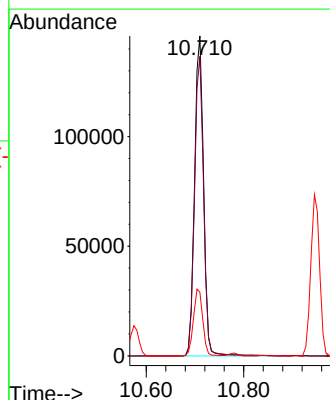
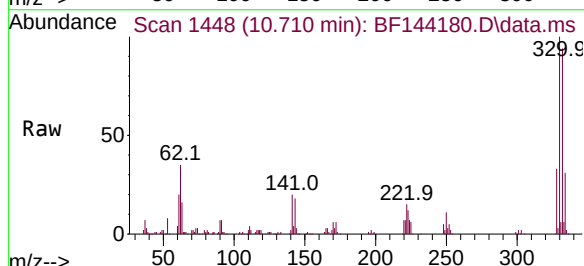
Tgt Ion:330 Resp: 186707

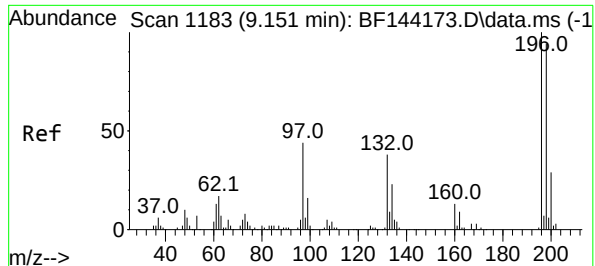
Ion Ratio Lower Upper

330 100

332 93.8 76.7 115.1

141 21.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 38.933 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

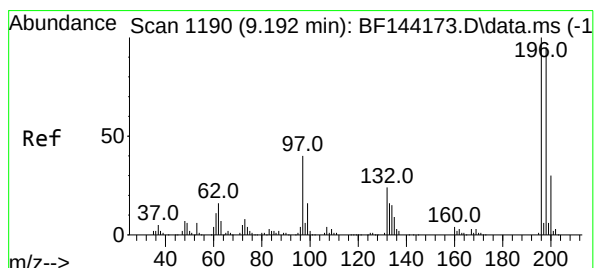
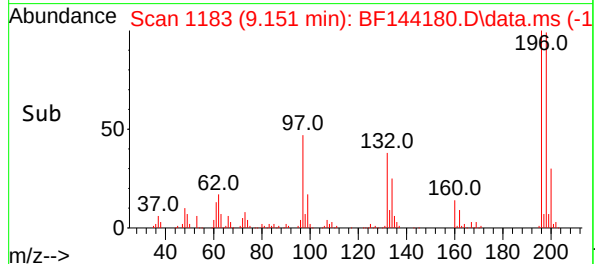
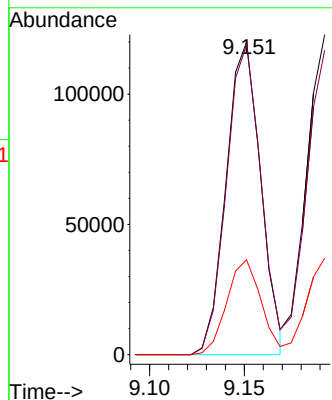
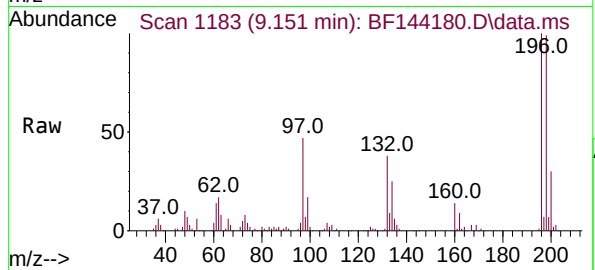
Tgt Ion:196 Resp: 152111

Ion Ratio Lower Upper

196 100

198 99.3 75.3 112.9

200 30.3 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.644 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Tgt Ion:196 Resp: 166938

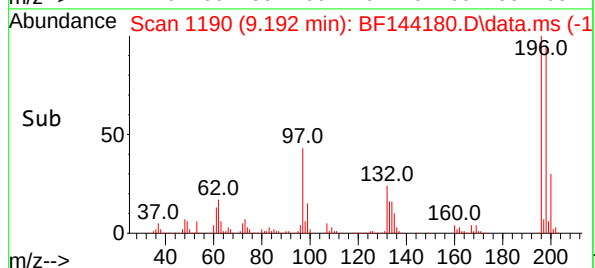
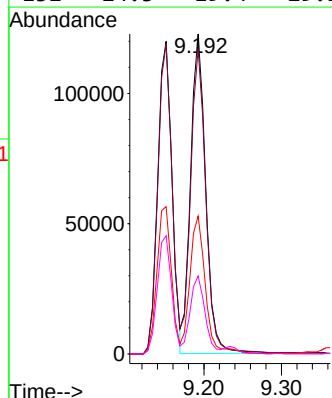
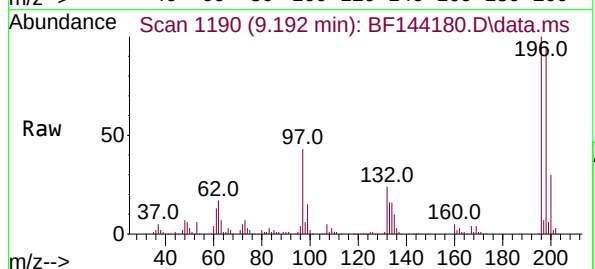
Ion Ratio Lower Upper

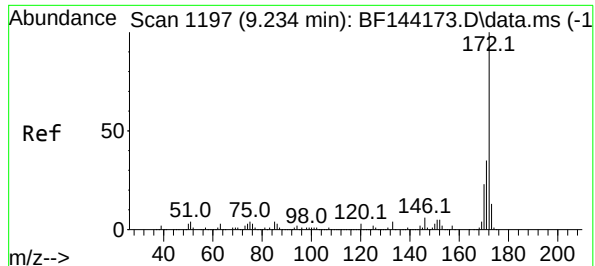
196 100

198 95.1 76.1 114.1

97 43.1 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 75.625 ng

RT: 9.234 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

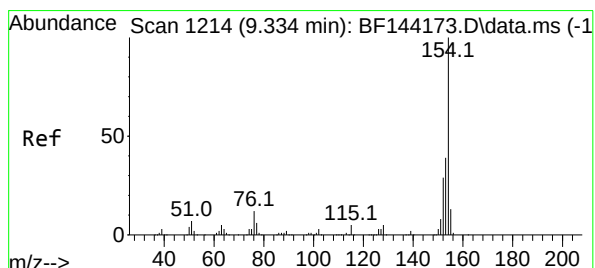
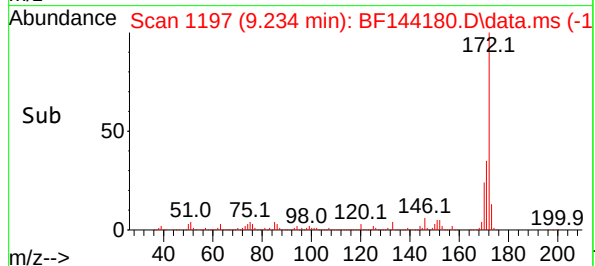
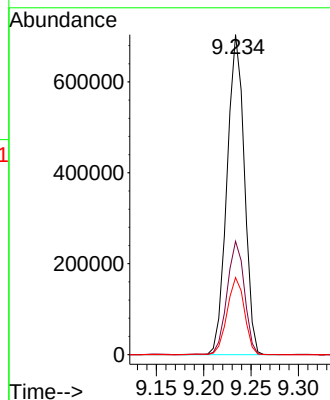
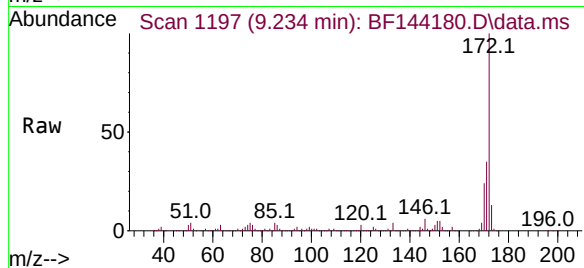
Tgt Ion:172 Resp: 896864

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 24.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.082 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

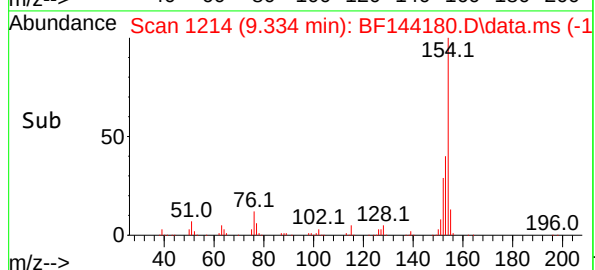
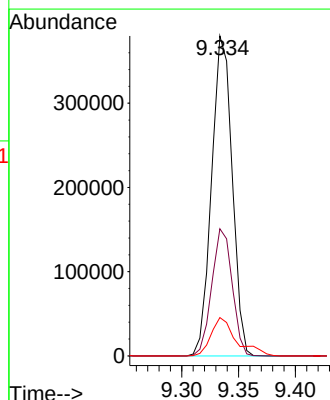
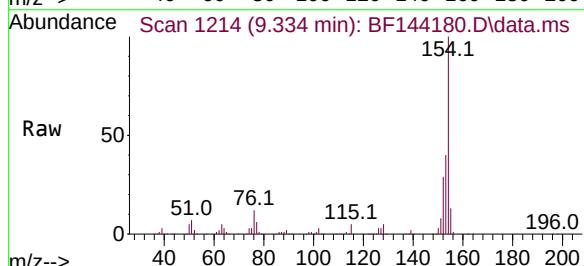
Tgt Ion:154 Resp: 477827

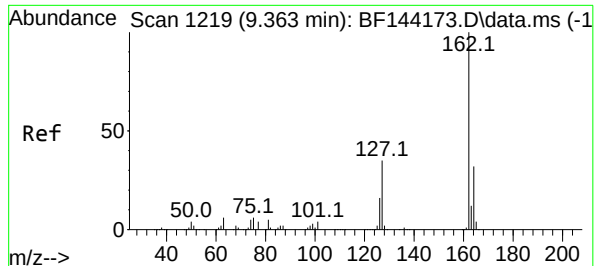
Ion Ratio Lower Upper

154 100

153 39.7 19.2 59.2

76 12.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 38.778 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

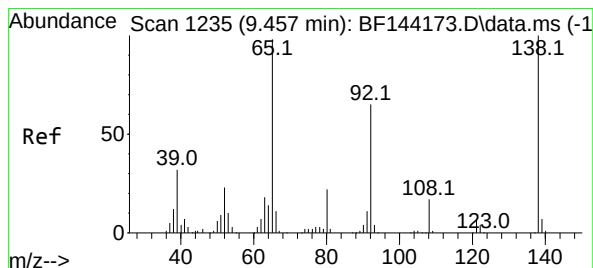
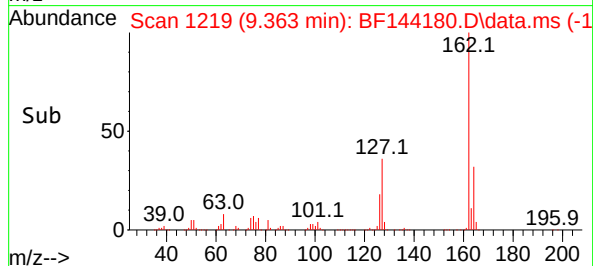
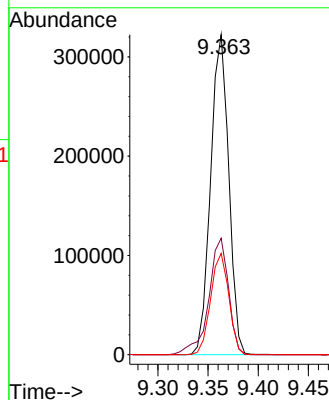
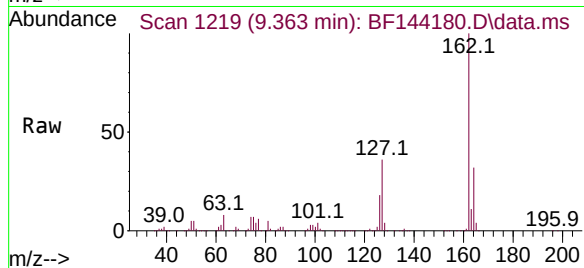
Tgt Ion:162 Resp: 404419

Ion Ratio Lower Upper

162 100

127 36.4 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 42.260 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

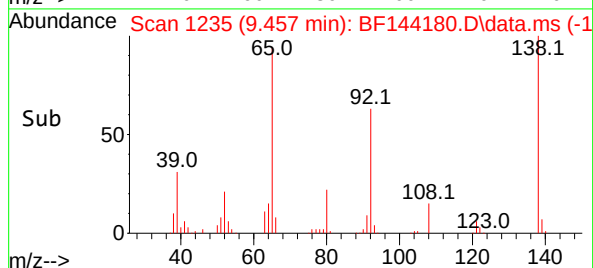
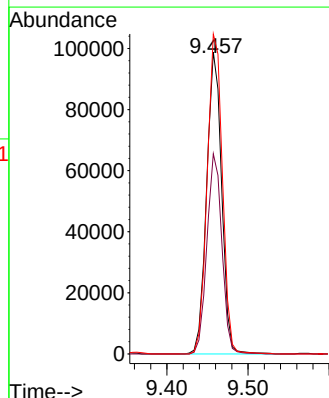
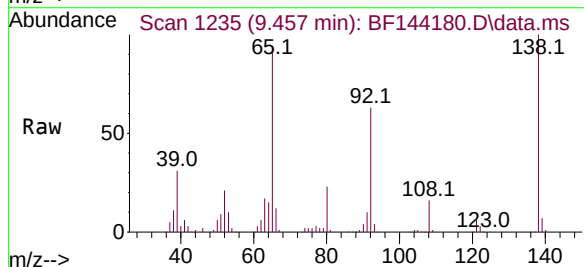
Tgt Ion: 65 Resp: 127167

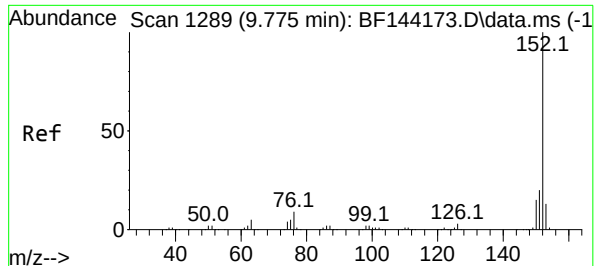
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.6

138 106.0 81.6 122.4





#49

Acenaphthylene

Concen: 39.964 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

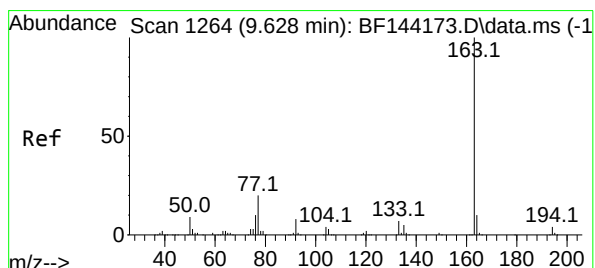
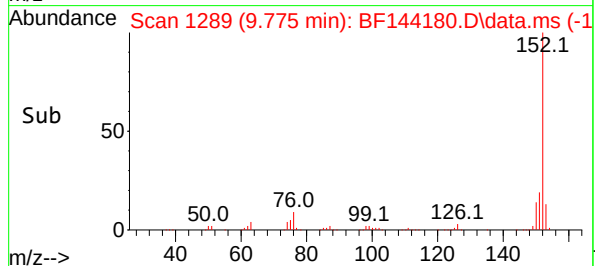
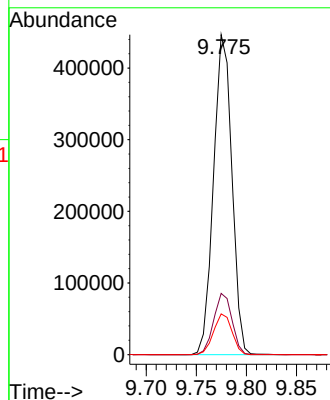
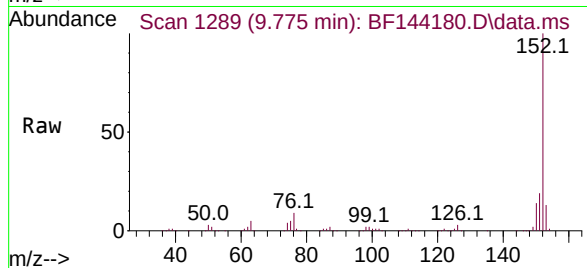
Tgt Ion:152 Resp: 567978

Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

153 12.7 10.5 15.7



#50

Dimethylphthalate

Concen: 40.509 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

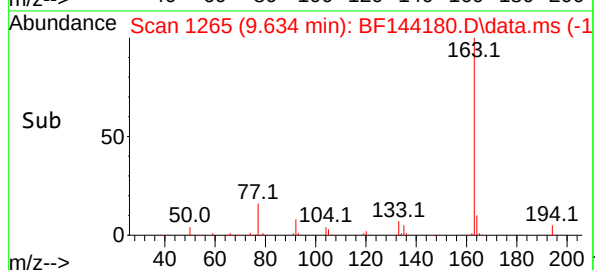
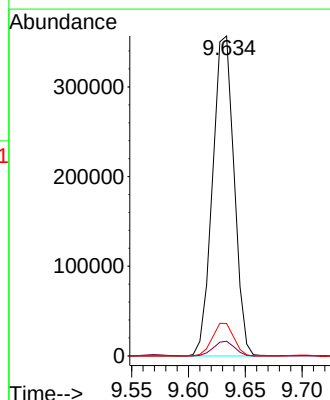
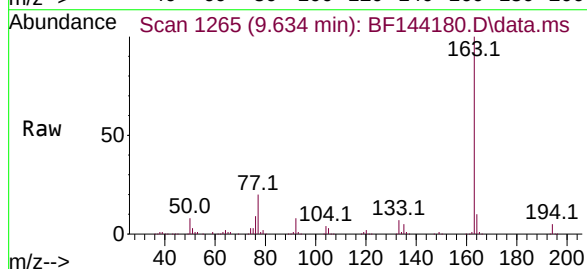
Tgt Ion:163 Resp: 470054

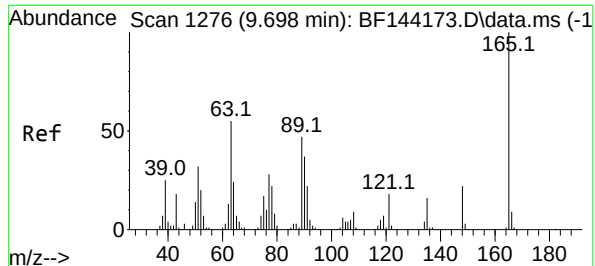
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.1 8.1 12.1

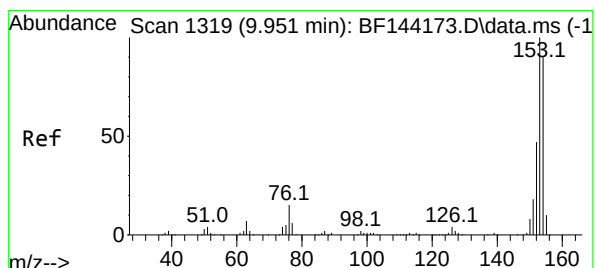
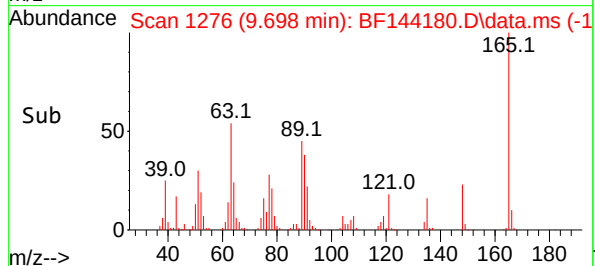
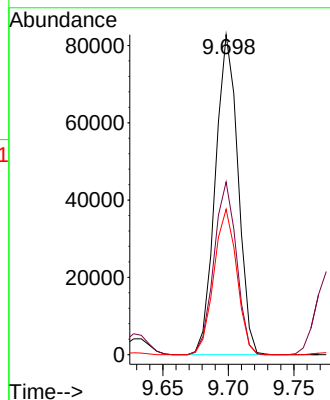
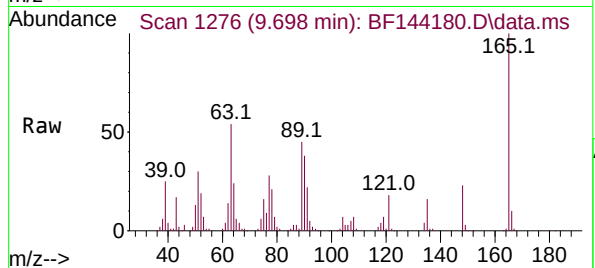




#51
2,6-Dinitrotoluene
Concen: 42.332 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

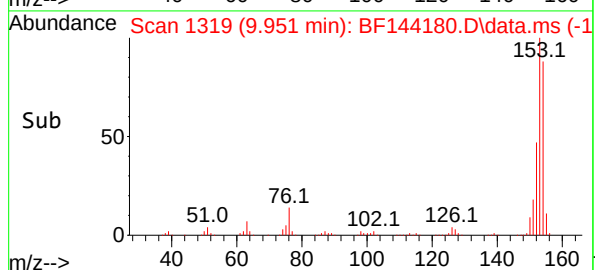
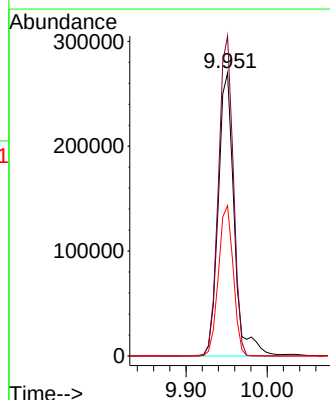
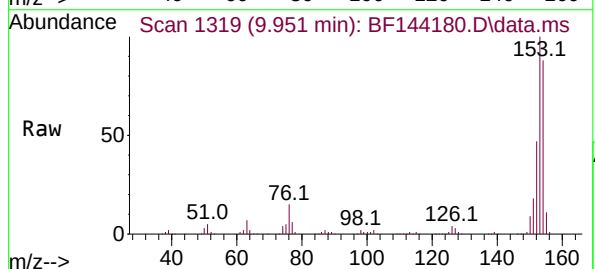
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

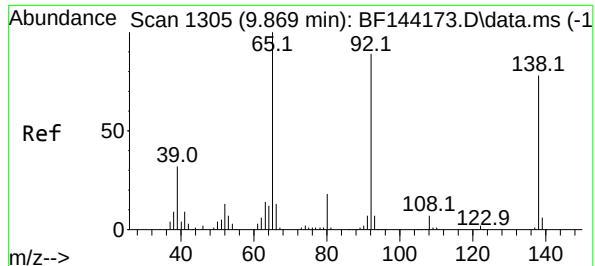
Tgt Ion:165 Resp: 99437
Ion Ratio Lower Upper
165 100
63 54.0 43.8 65.8
89 45.4 37.5 56.3



#52
Acenaphthene
Concen: 38.842 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:154 Resp: 369154
Ion Ratio Lower Upper
154 100
153 113.1 89.0 133.4
152 53.1 42.2 63.4





#53

3-Nitroaniline

Concen: 42.522 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

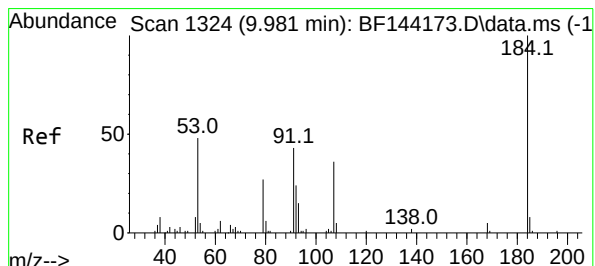
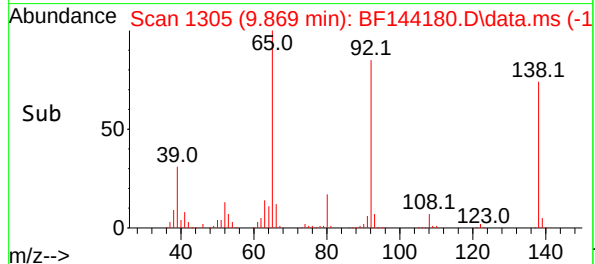
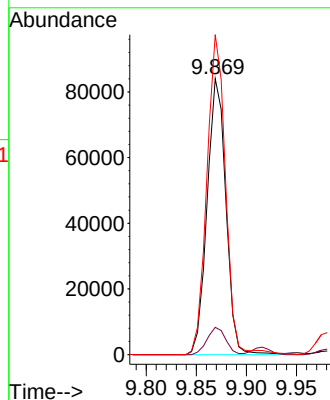
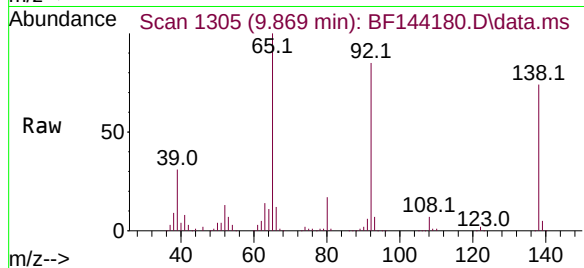
Tgt Ion:138 Resp: 109186

Ion Ratio Lower Upper

138 100

108 9.9 7.5 11.3

92 116.0 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 35.987 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

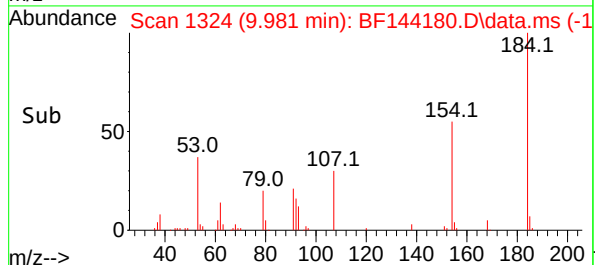
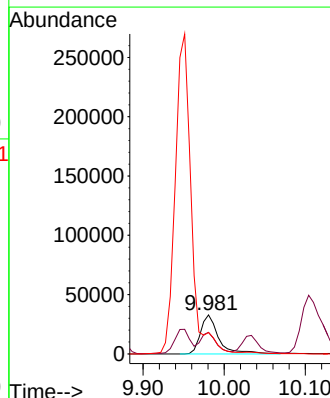
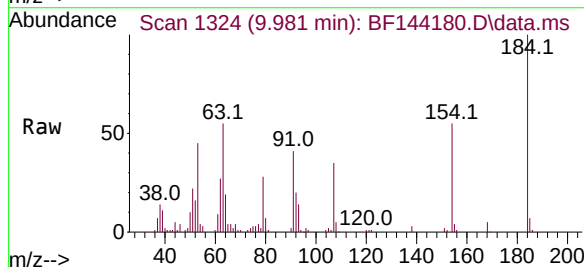
Tgt Ion:184 Resp: 51045

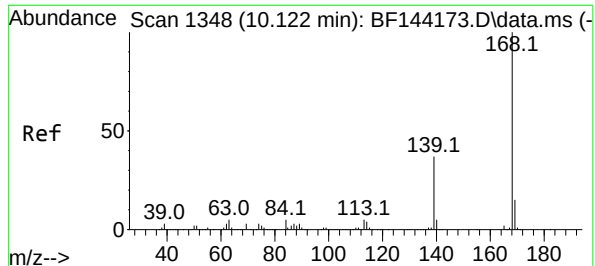
Ion Ratio Lower Upper

184 100

63 55.3 44.0 66.0

154 54.7 42.4 63.6





#55

Dibenzofuran

Concen: 39.602 ng

RT: 10.122 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

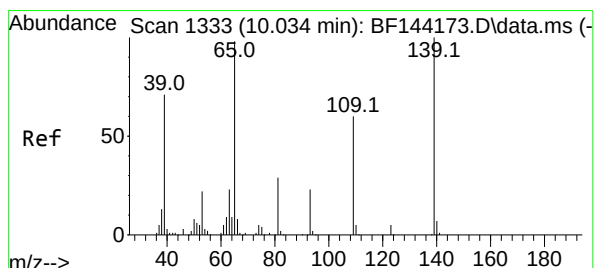
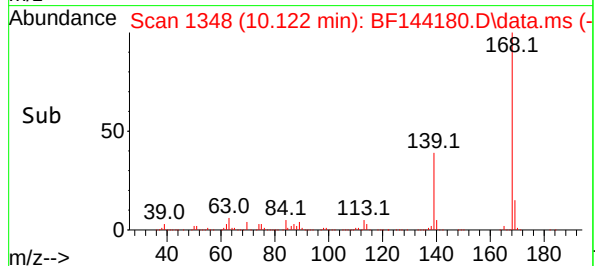
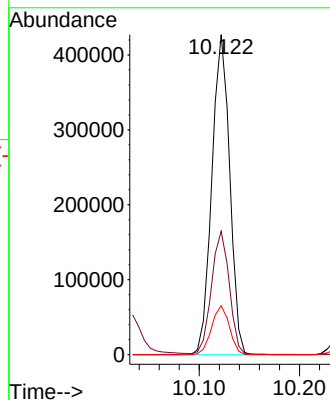
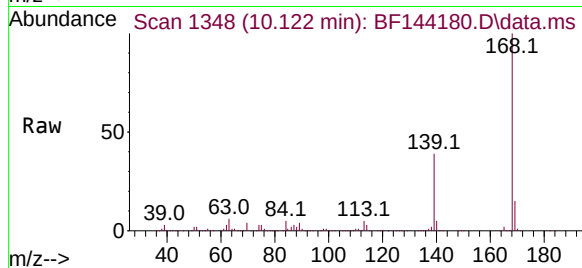
Tgt Ion:168 Resp: 527126

Ion Ratio Lower Upper

168 100

139 38.5 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 41.731 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

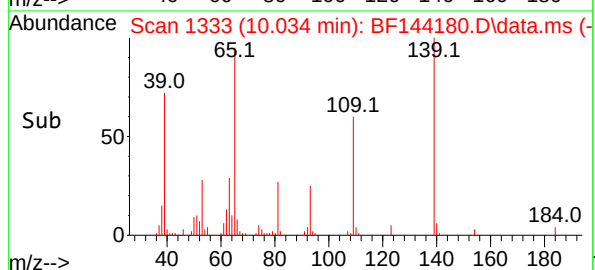
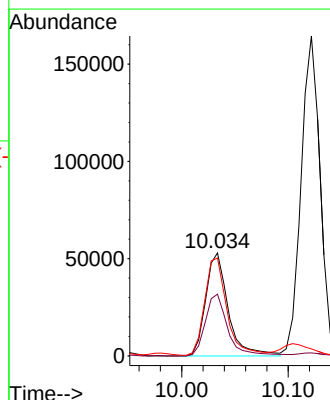
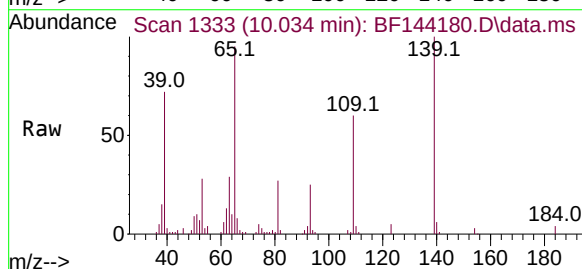
Tgt Ion:139 Resp: 77512

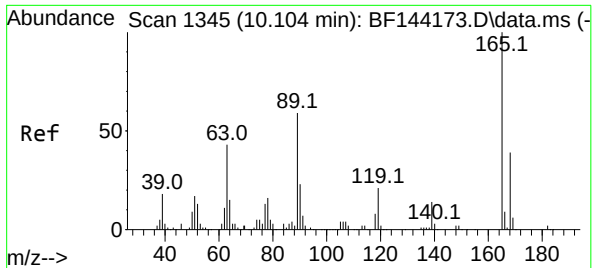
Ion Ratio Lower Upper

139 100

109 59.8 39.9 79.9

65 95.0 79.5 119.5

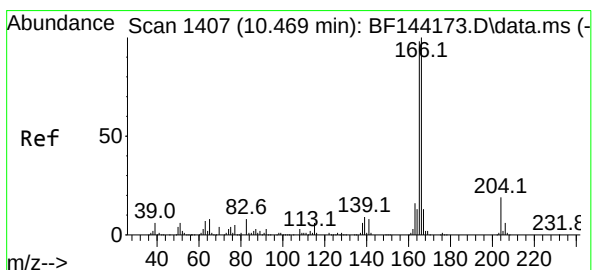
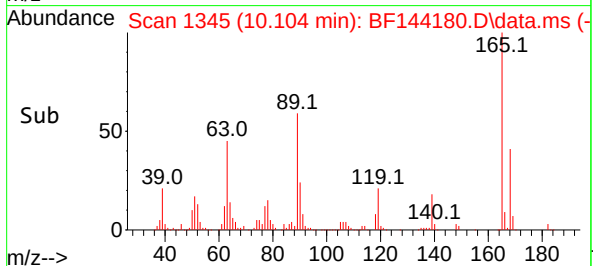
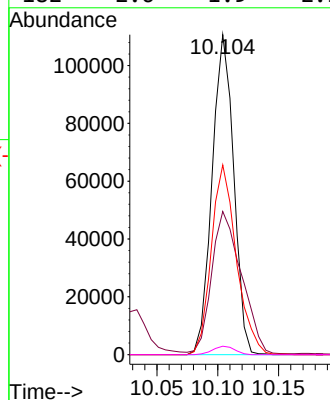
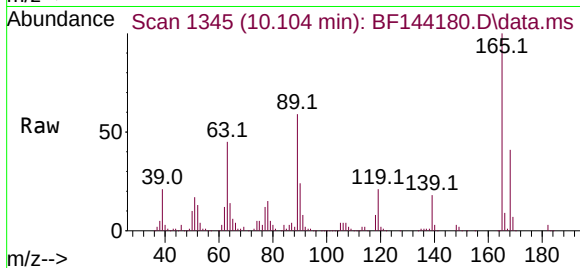




#57
2,4-Dinitrotoluene
Concen: 43.353 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

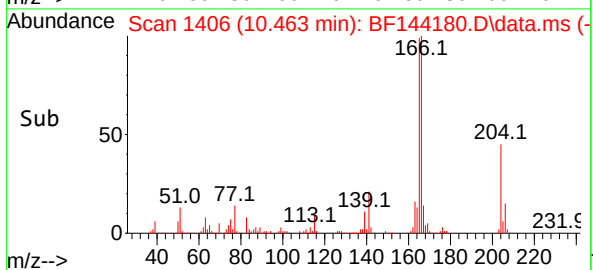
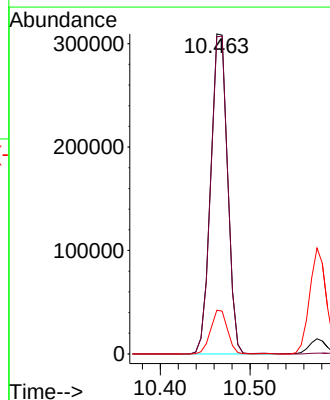
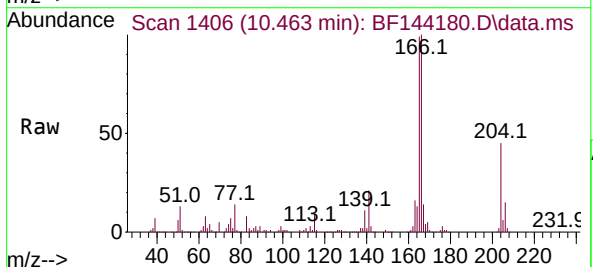
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

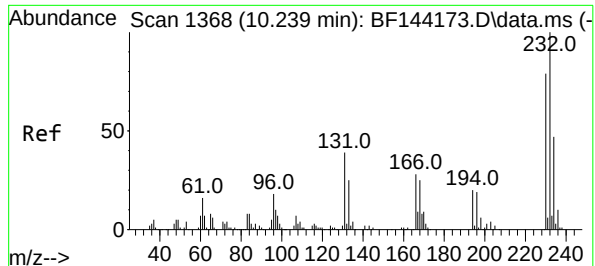
Tgt Ion:165 Resp: 136325
Ion Ratio Lower Upper
165 100
63 44.7 35.5 53.3
89 59.3 47.4 71.2
182 2.6 1.9 2.9



#58
Fluorene
Concen: 40.169 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:166 Resp: 406516
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 13.6 10.4 15.6

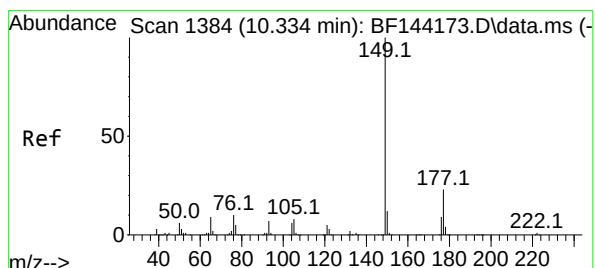
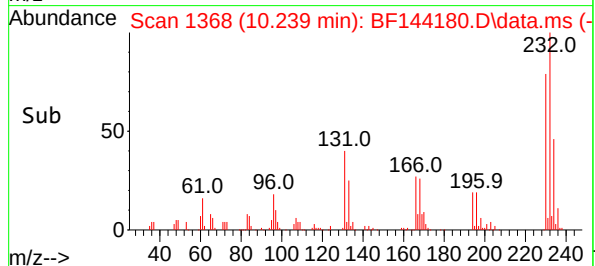
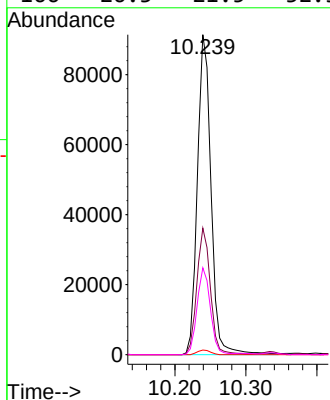
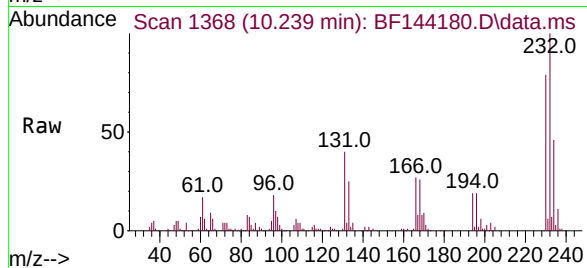




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.854 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

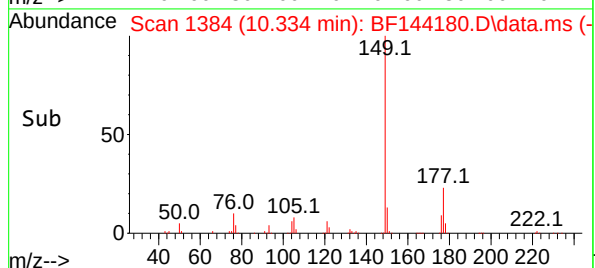
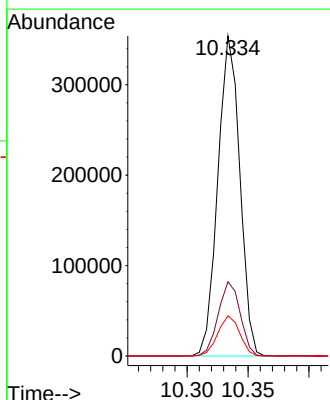
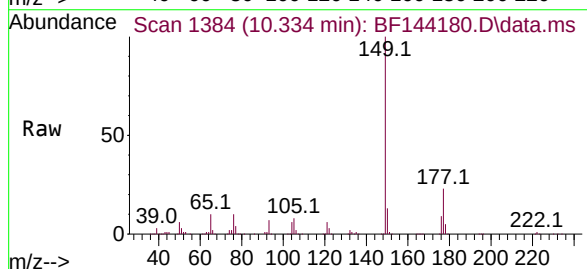
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

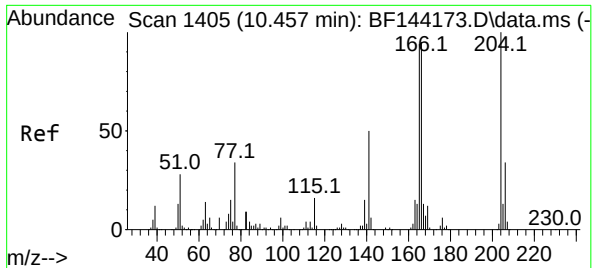
Tgt Ion:232 Resp: 121713
Ion Ratio Lower Upper
232 100
131 39.1 30.3 45.5
130 1.3 1.2 1.8
166 26.3 21.5 32.3



#60
Diethylphthalate
Concen: 41.414 ng
RT: 10.334 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:149 Resp: 443003
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.5 9.8 14.6

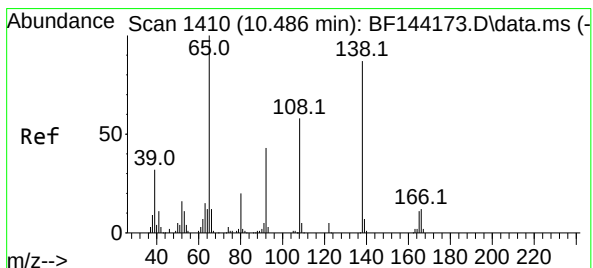
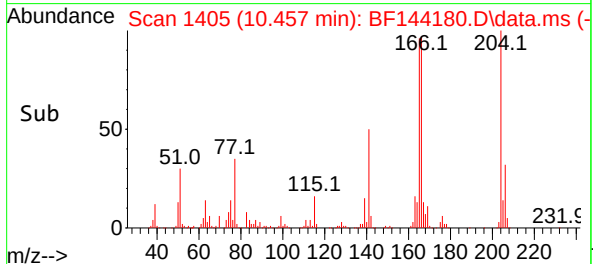
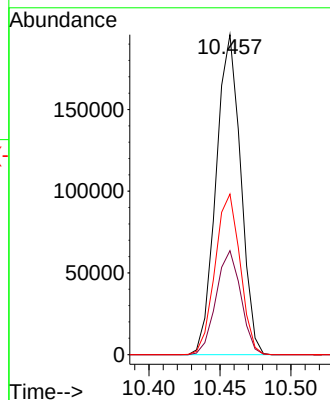
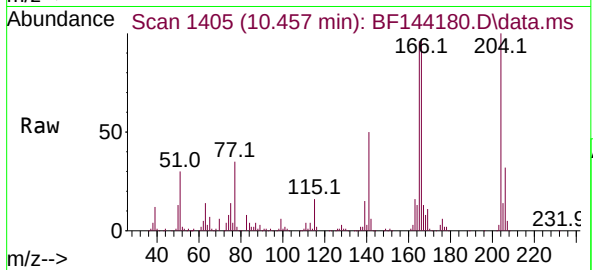




#61
4-Chlorophenyl-phenylether
Concen: 41.066 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

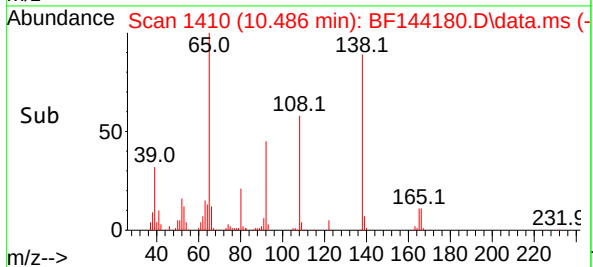
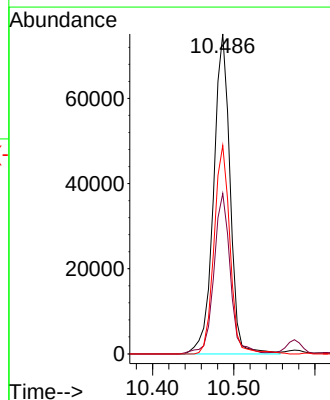
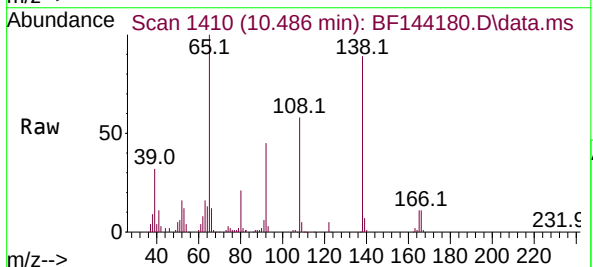
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

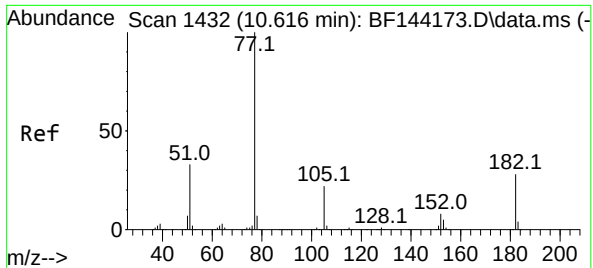
Tgt Ion:204 Resp: 236731
Ion Ratio Lower Upper
204 100
206 32.5 27.4 41.2
141 50.2 40.0 60.0



#62
4-Nitroaniline
Concen: 43.469 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:138 Resp: 106296
Ion Ratio Lower Upper
138 100
92 50.1 29.4 69.4
108 65.1 46.4 86.4

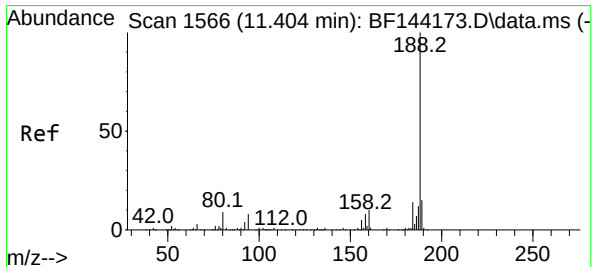
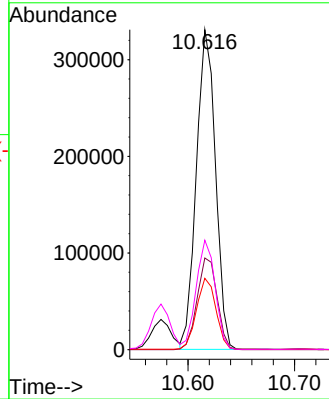
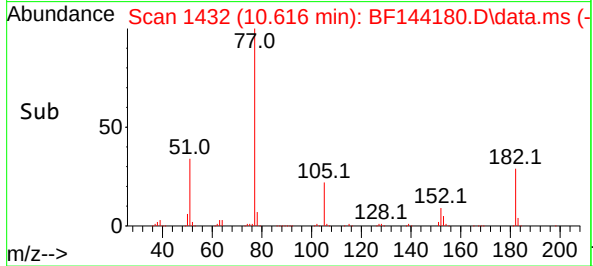
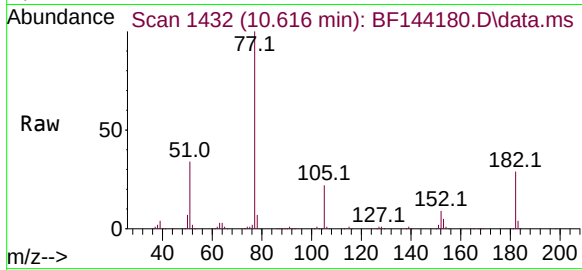




#63
Azobenzene
Concen: 41.431 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

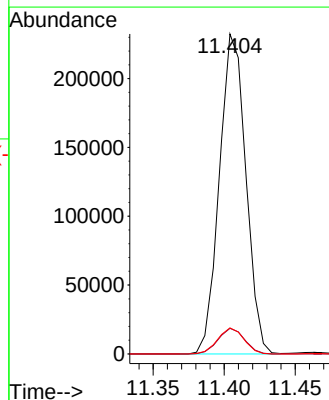
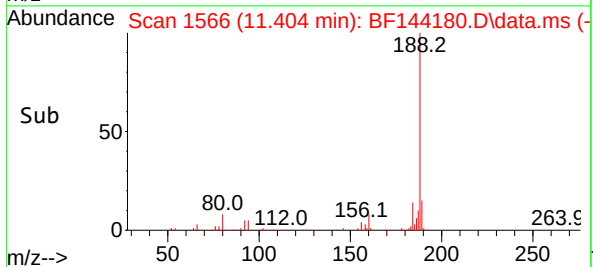
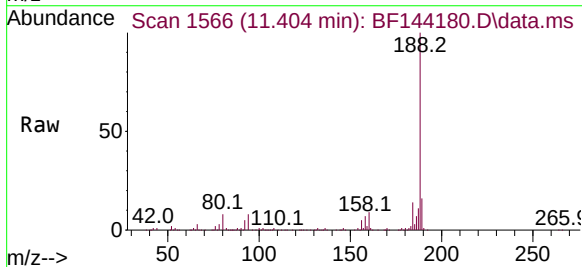
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

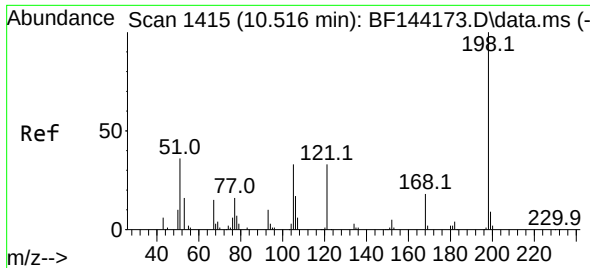
Tgt Ion:	77	Resp:	412458
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.1	48.1
105	22.3	2.0	42.0
51	34.2	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:	188	Resp:	301670
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.1	6.9	10.3

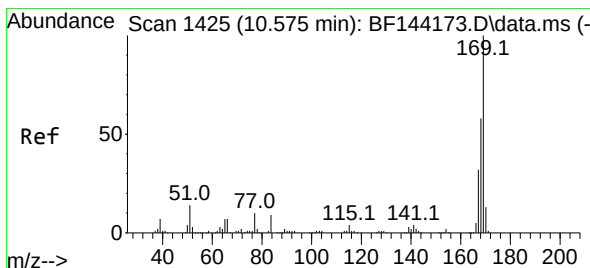
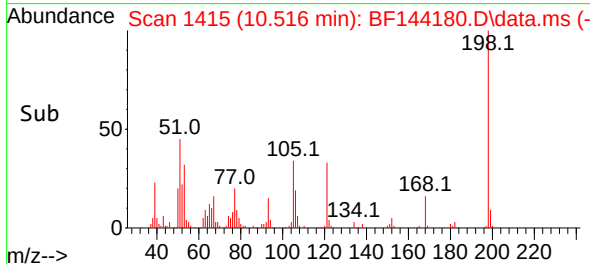
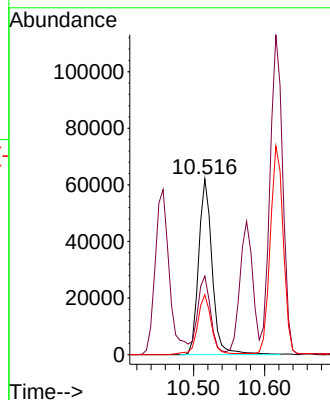
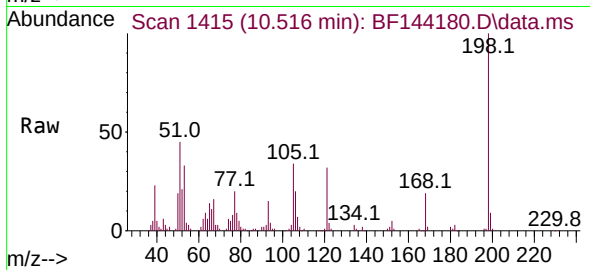




#65
4,6-Dinitro-2-methylphenol
Concen: 39.889 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

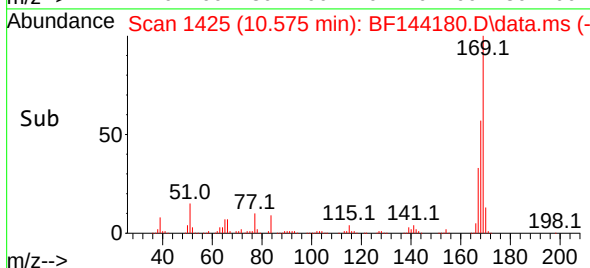
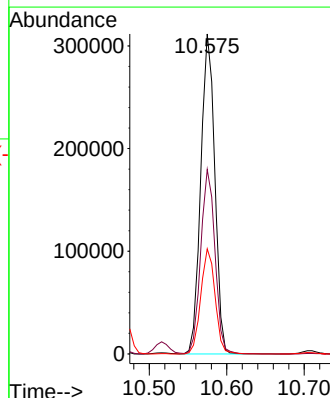
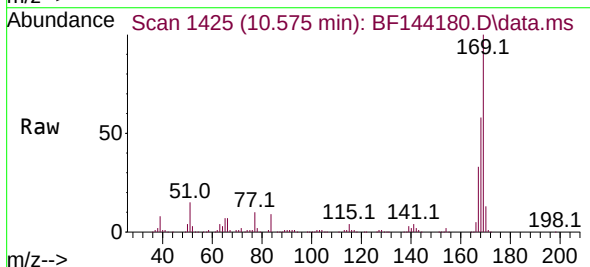
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

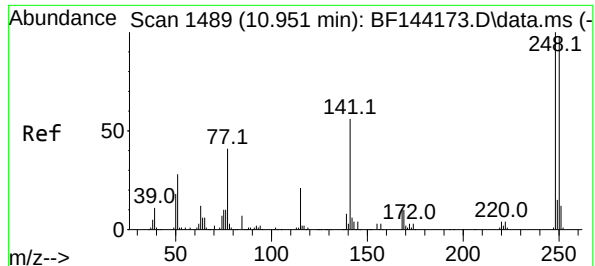
Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.8	25.6	65.6
105	34.1	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 40.356 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.6	46.2	69.2
167	32.8	25.7	38.5

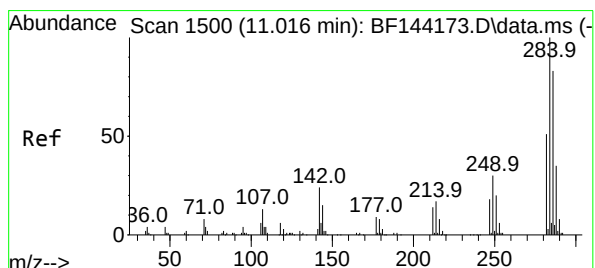
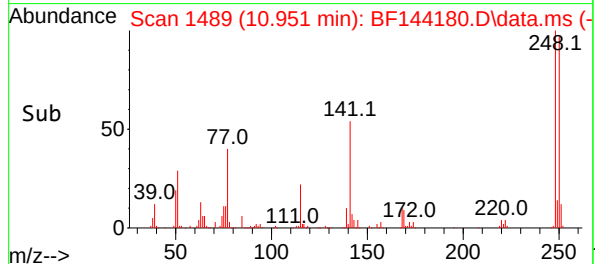
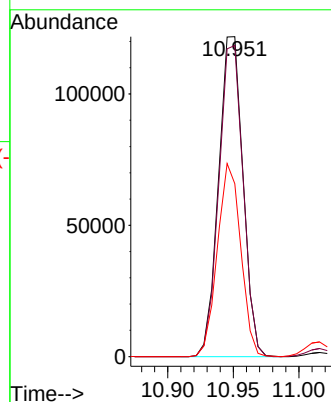
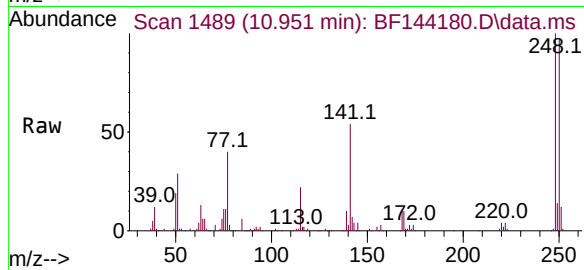




#67
4-Bromophenyl-phenylether
Concen: 41.135 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

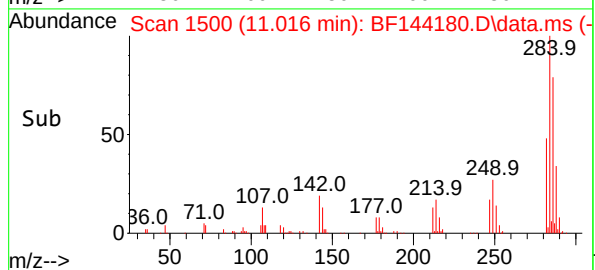
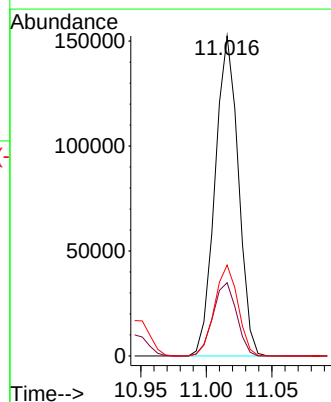
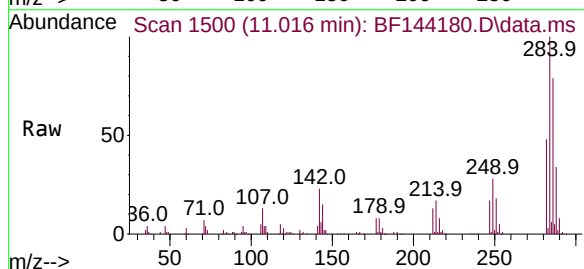
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

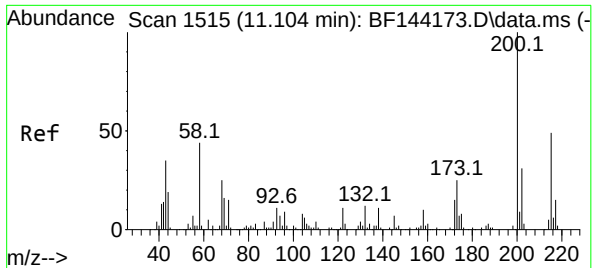
Tgt Ion:248 Resp: 158394
Ion Ratio Lower Upper
248 100
250 97.2 78.4 117.6
141 54.0 45.1 67.7



#68
Hexachlorobenzene
Concen: 41.588 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:284 Resp: 188618
Ion Ratio Lower Upper
284 100
142 22.9 19.2 28.8
249 28.4 23.8 35.8





#69

Atrazine

Concen: 40.569 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

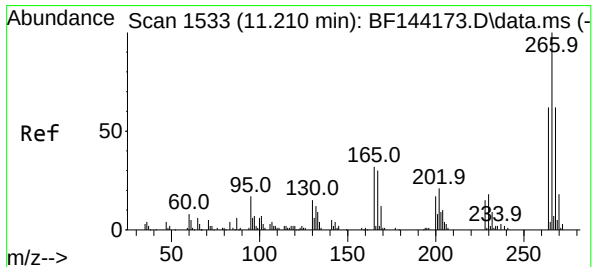
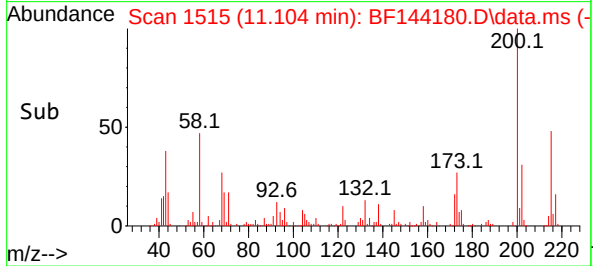
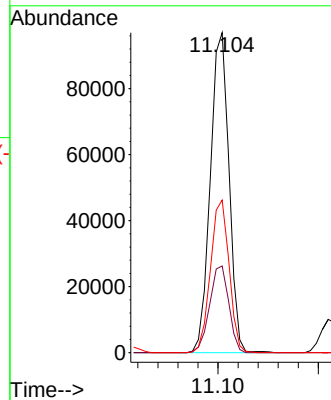
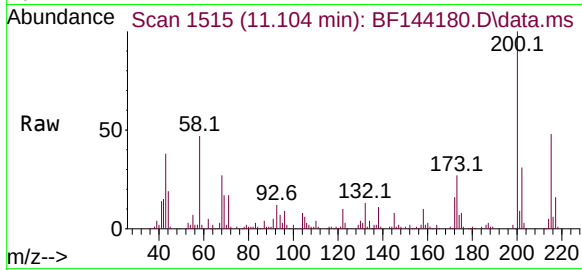
Tgt Ion:200 Resp: 125179

Ion Ratio Lower Upper

200 100

173 27.1 5.0 45.0

215 47.7 28.7 68.7



#70

Pentachlorophenol

Concen: 41.865 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

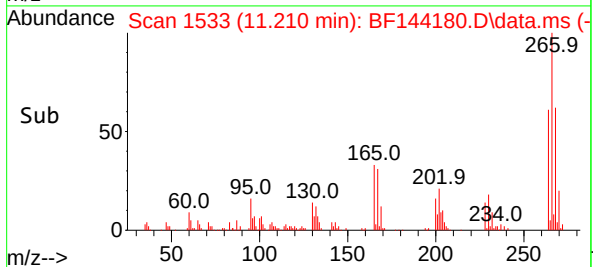
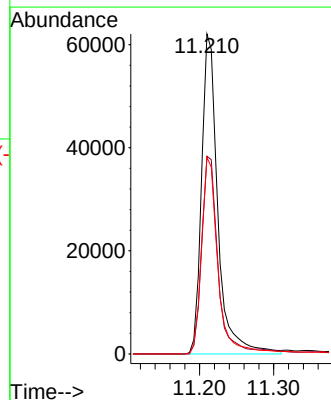
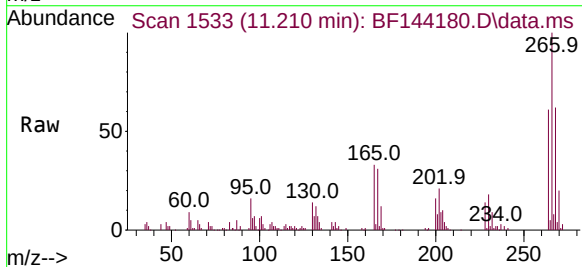
Tgt Ion:266 Resp: 94551

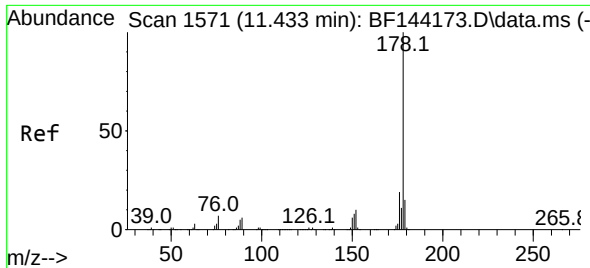
Ion Ratio Lower Upper

266 100

268 61.8 49.5 74.3

264 61.4 49.4 74.2

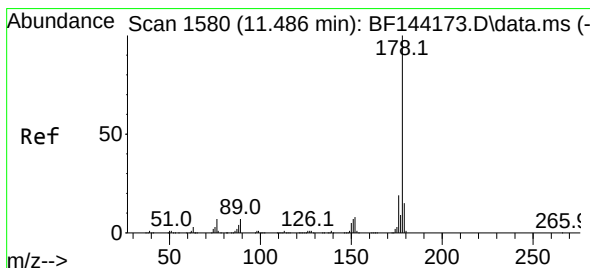
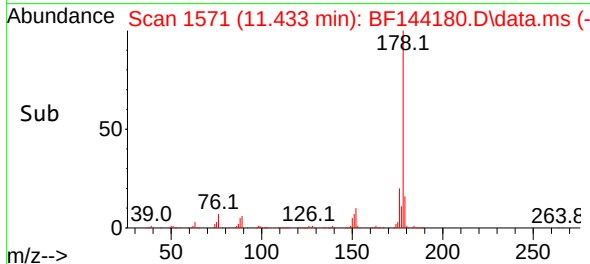
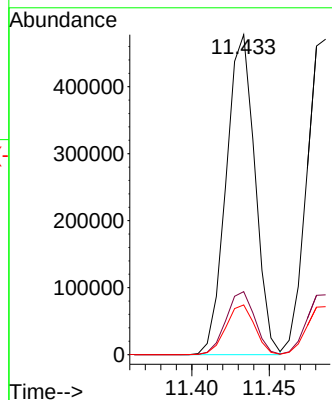
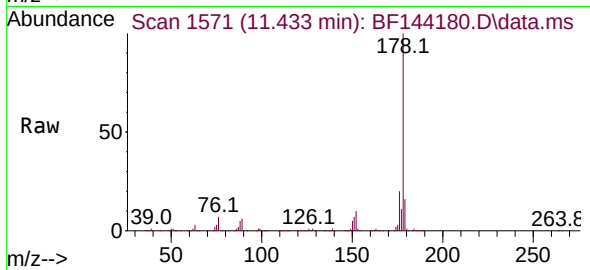




#71
Phenanthrene
Concen: 41.075 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

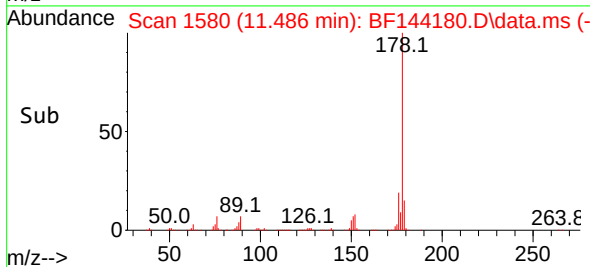
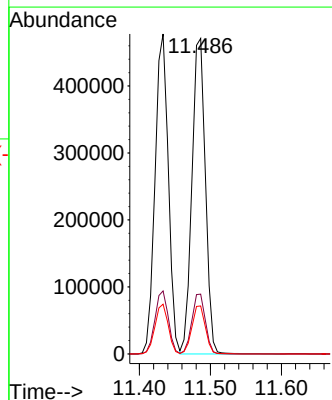
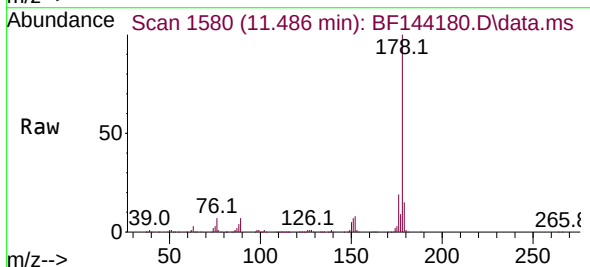
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

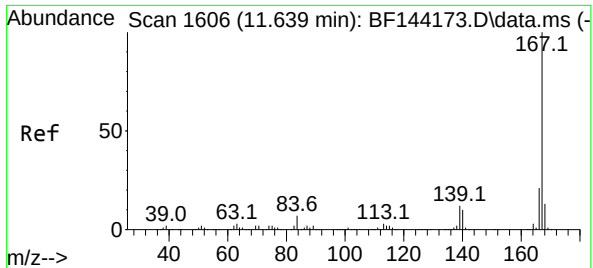
Tgt Ion:178 Resp: 616940
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 40.525 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

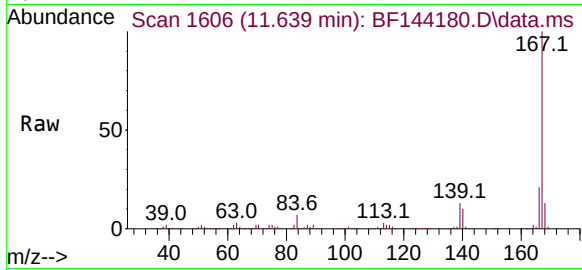
Tgt Ion:178 Resp: 618922
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.0 18.0



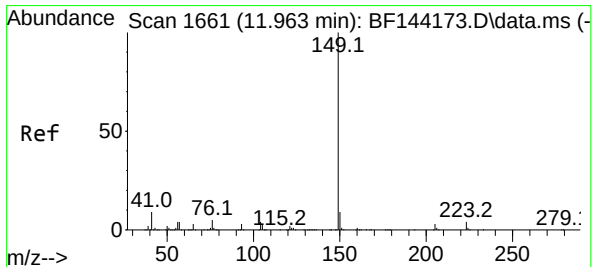
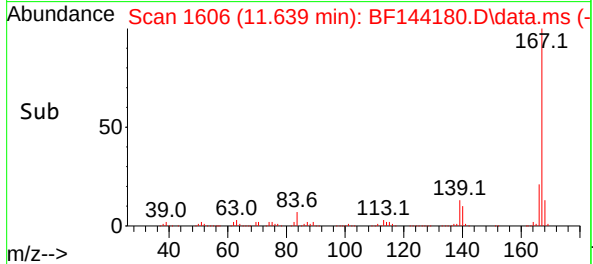
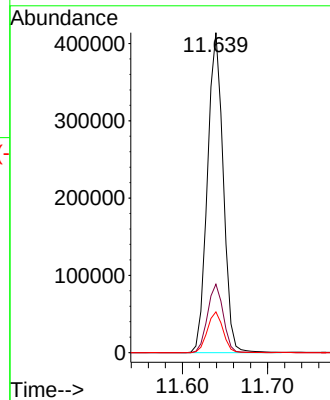


#73
Carbazole
Concen: 40.961 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

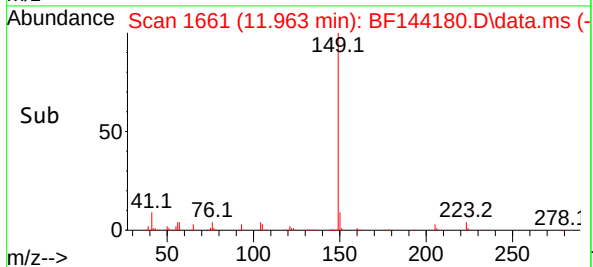
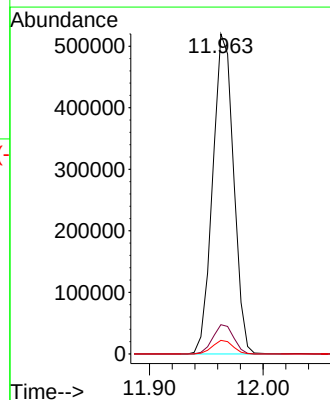
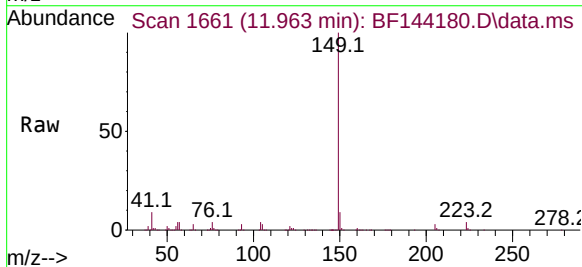


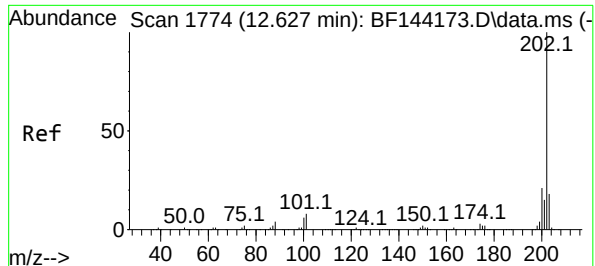
Tgt Ion:167 Resp: 531956
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 42.273 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:149 Resp: 663671
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2





#75

Fluoranthene

Concen: 41.842 ng

RT: 12.622 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

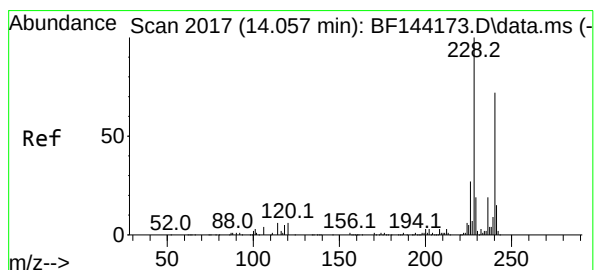
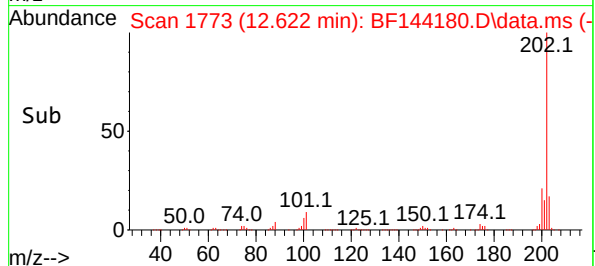
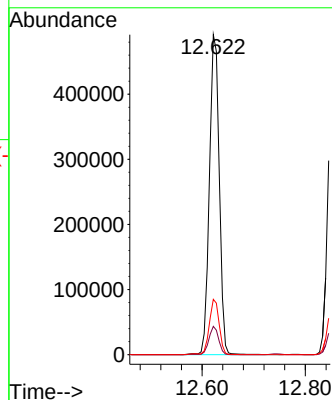
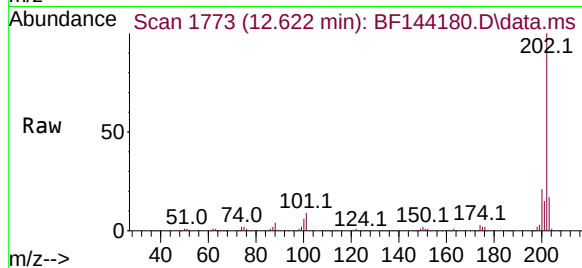
Tgt Ion:202 Resp: 649189

Ion Ratio Lower Upper

202 100

101 8.8 0.0 27.9

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

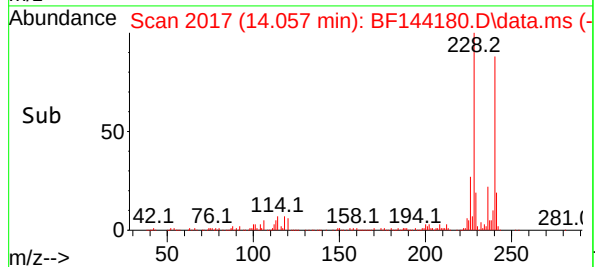
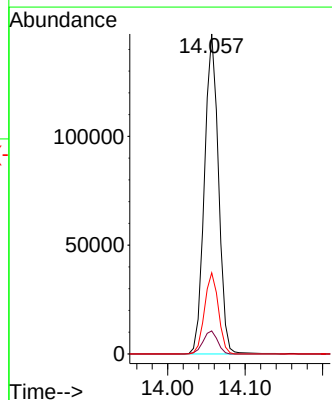
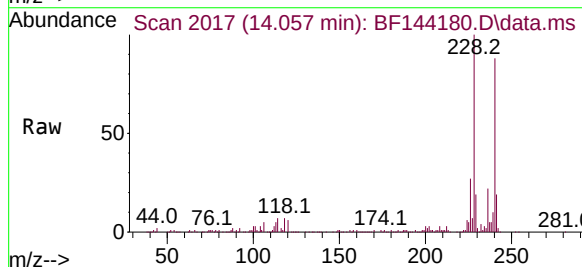
Tgt Ion:240 Resp: 184652

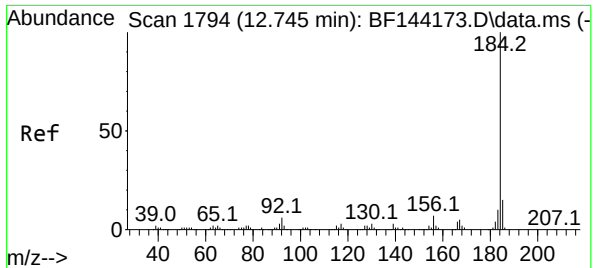
Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

236 25.3 21.4 32.2





#77

Benzidine

Concen: 41.487 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144180.D

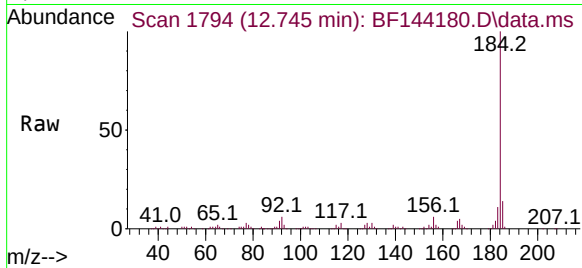
Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



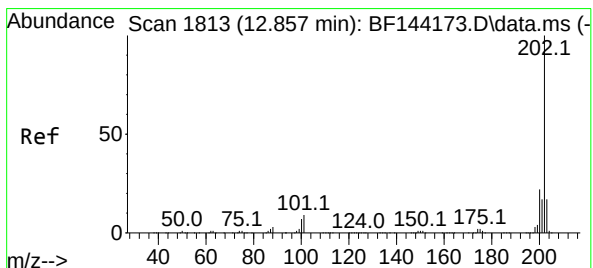
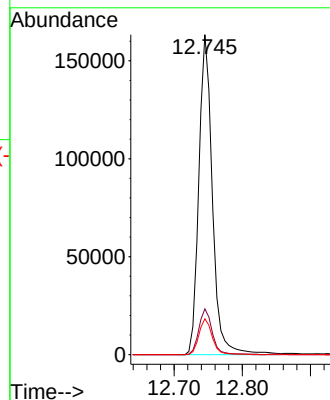
Tgt Ion:184 Resp: 226599

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.2 8.3 12.5



#78

Pyrene

Concen: 43.743 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

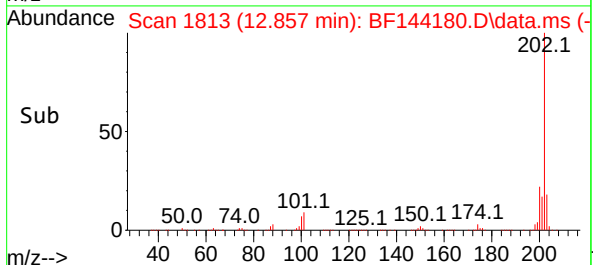
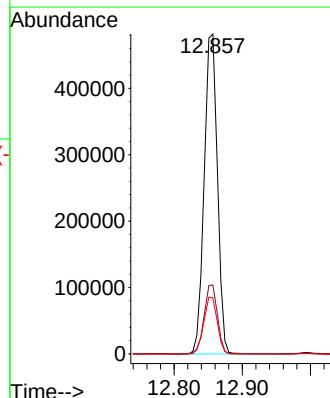
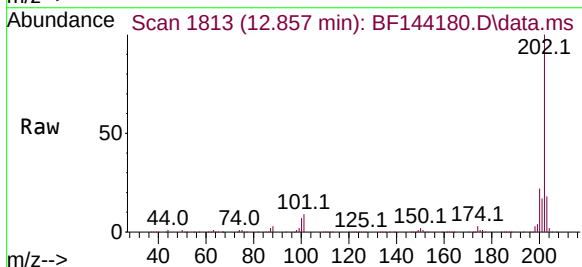
Tgt Ion:202 Resp: 651255

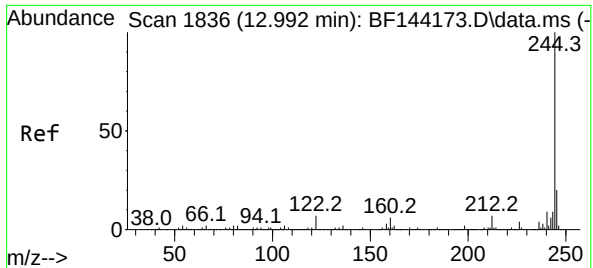
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 87.235 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

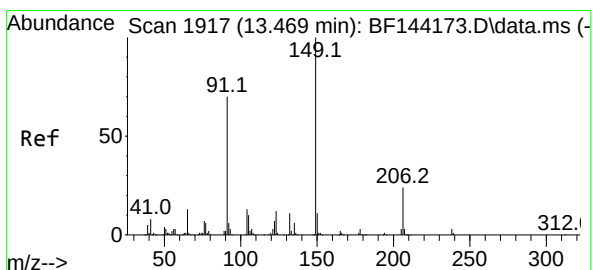
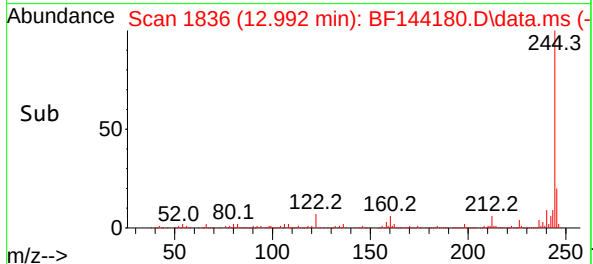
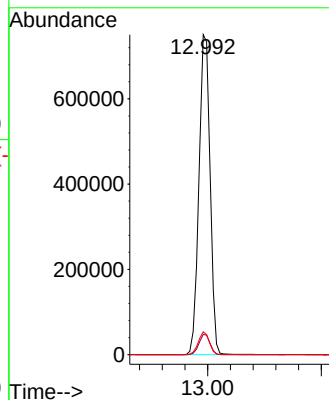
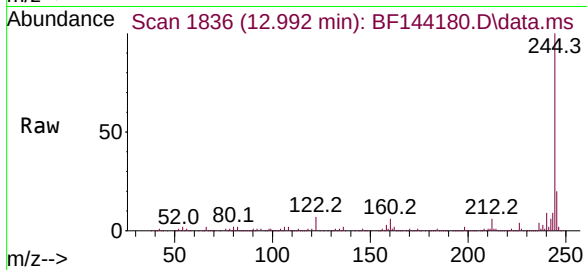
Tgt Ion:244 Resp: 1014109

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 7.1 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.482 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

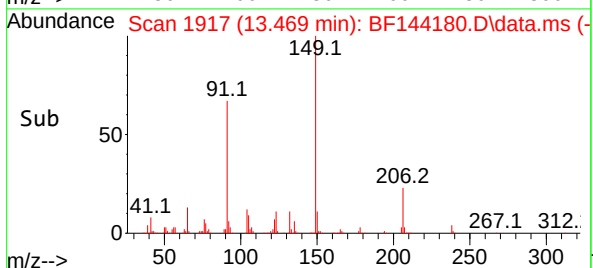
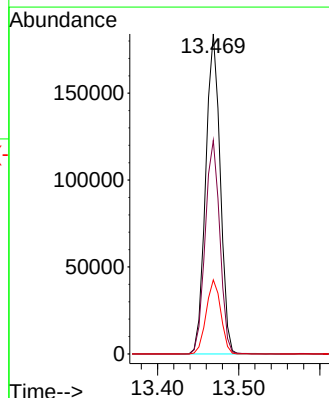
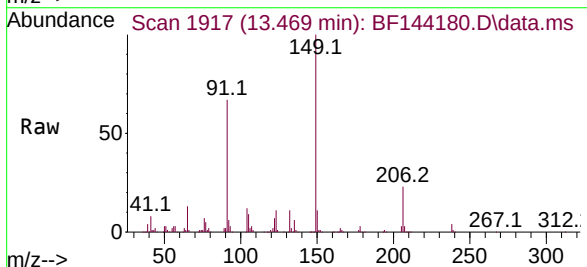
Tgt Ion:149 Resp: 229535

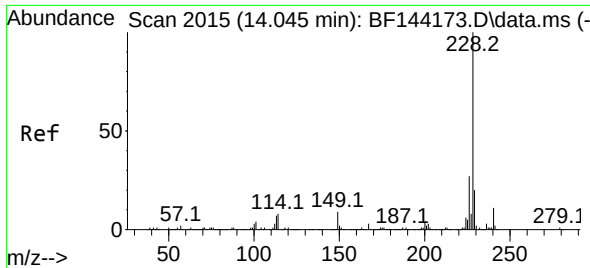
Ion Ratio Lower Upper

149 100

91 66.7 56.1 84.1

206 23.1 18.8 28.2

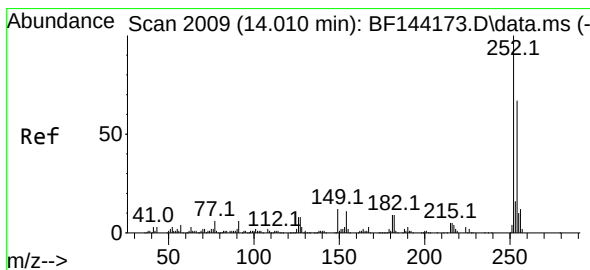
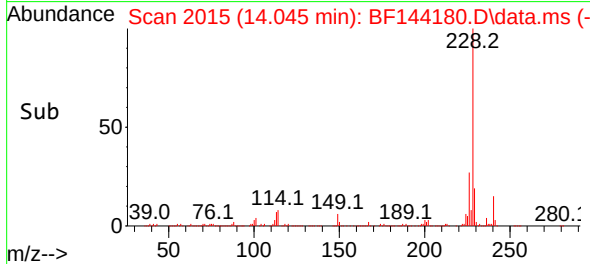
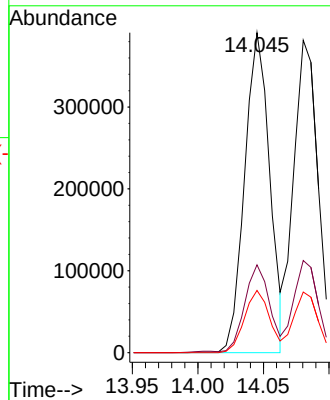
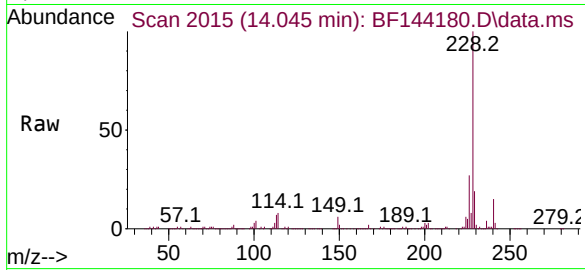




#81
Benzo(a)anthracene
Concen: 40.708 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

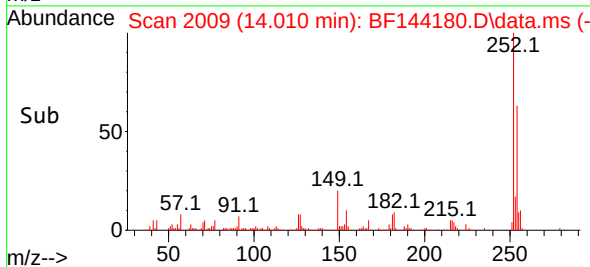
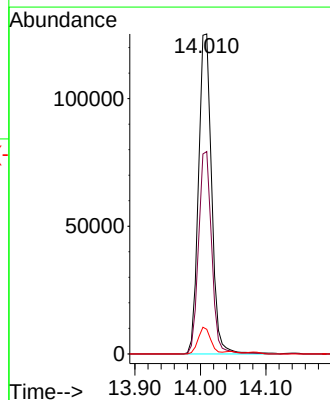
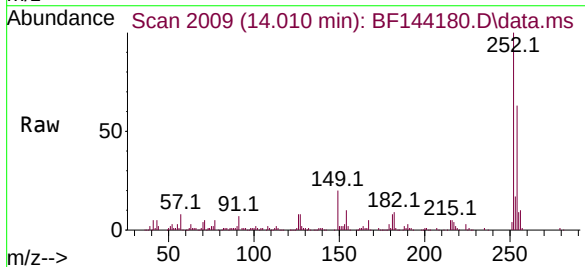
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

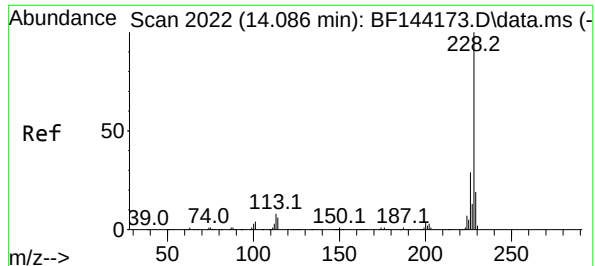
Tgt Ion:228 Resp: 520973
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.531 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:252 Resp: 173413
Ion Ratio Lower Upper
252 100
254 63.2 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 41.654 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

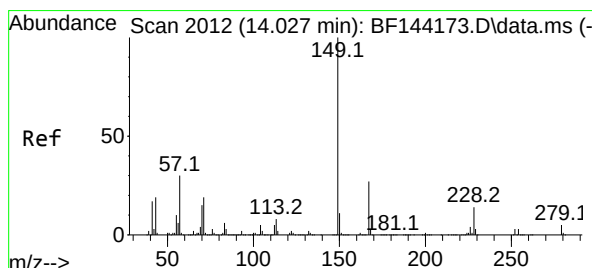
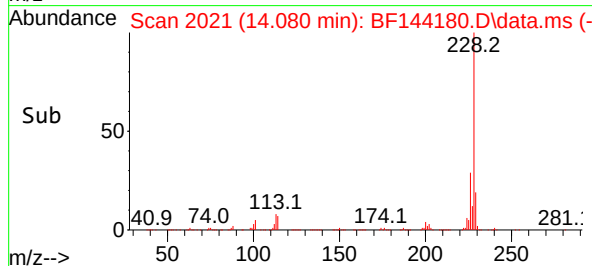
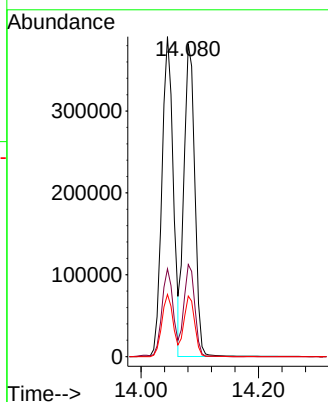
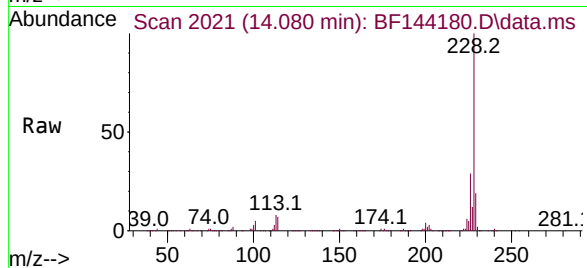
Tgt Ion:228 Resp: 492102

Ion Ratio Lower Upper

228 100

226 29.5 22.9 34.3

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.744 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

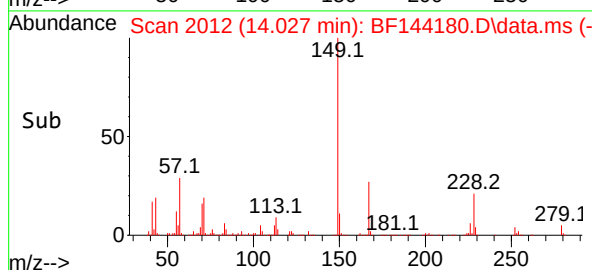
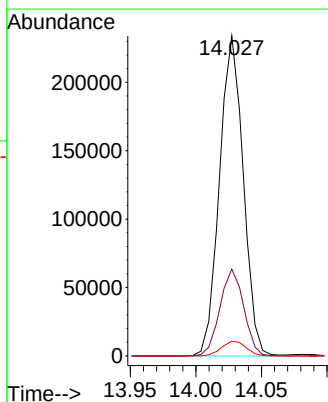
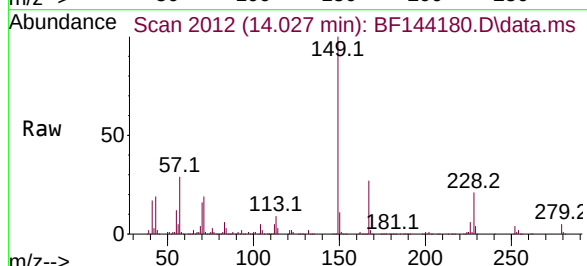
Tgt Ion:149 Resp: 294872

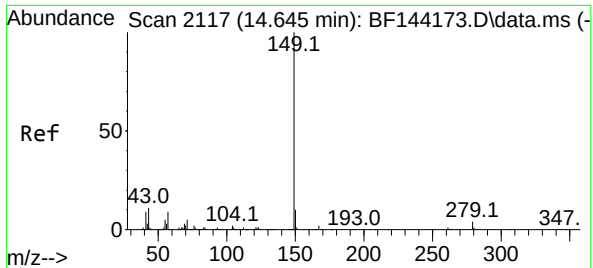
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 4.7 3.7 5.5

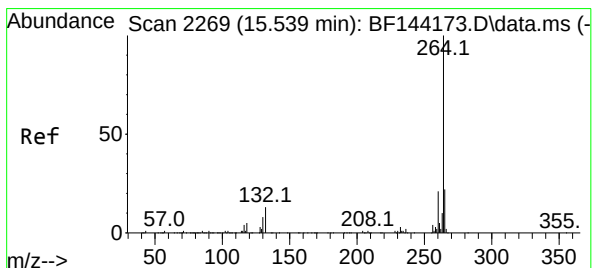
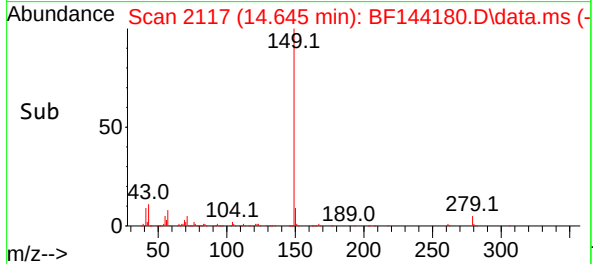
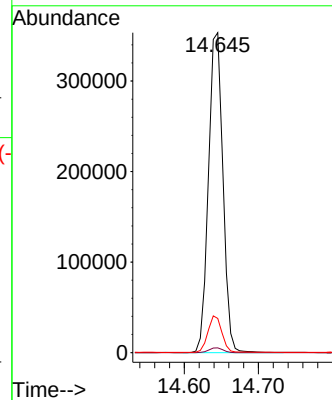
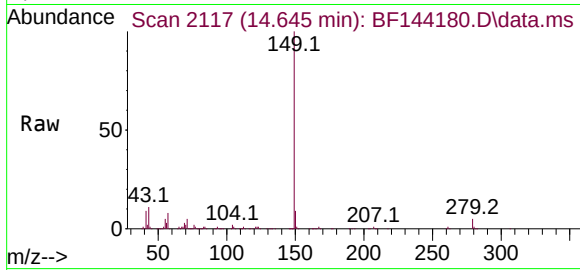




#85
Di-n-octyl phthalate
Concen: 39.268 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

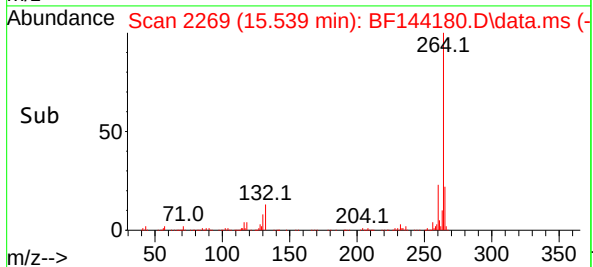
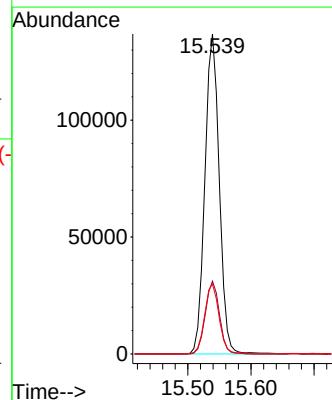
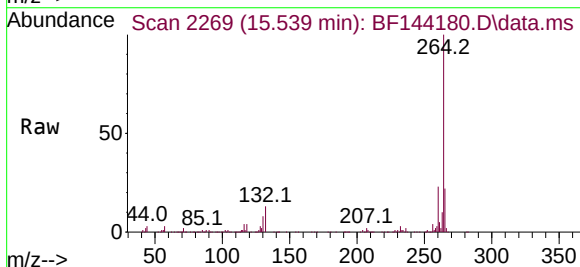
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

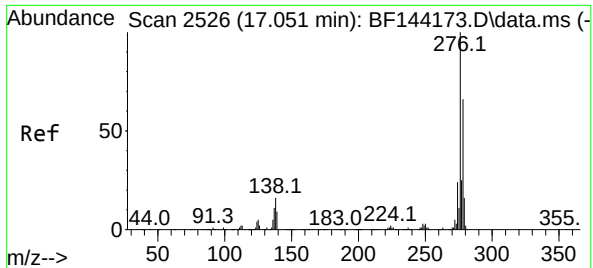
Tgt Ion:149 Resp: 478580
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:264 Resp: 216041
Ion Ratio Lower Upper
264 100
260 22.7 17.1 25.7
265 21.8 17.4 26.0

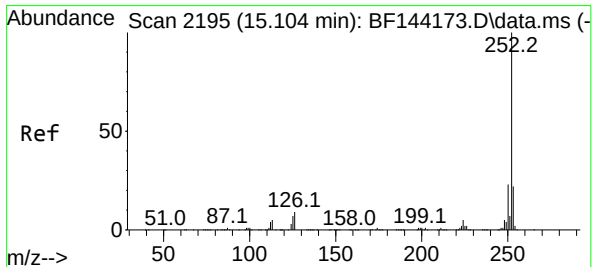
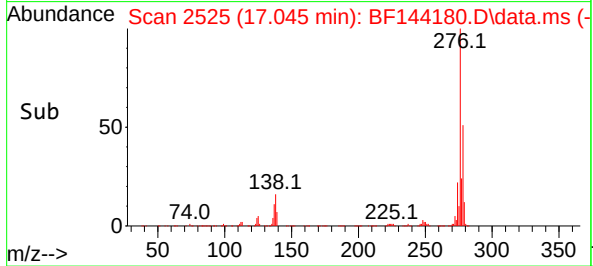
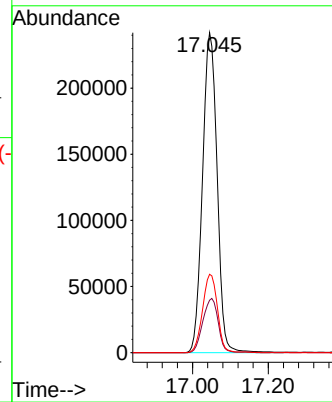
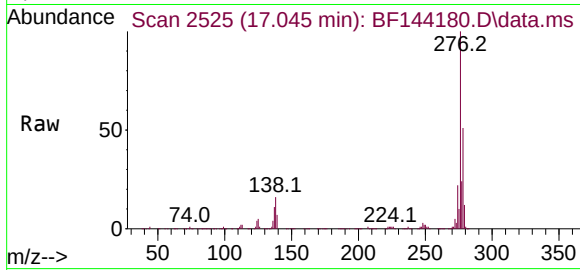




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.598 ng
RT: 17.045 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

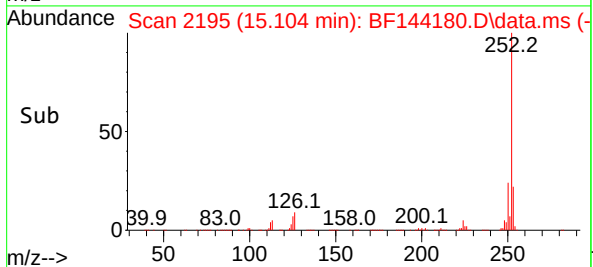
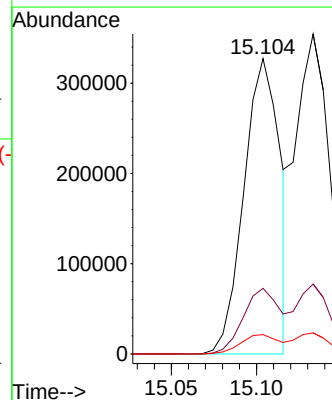
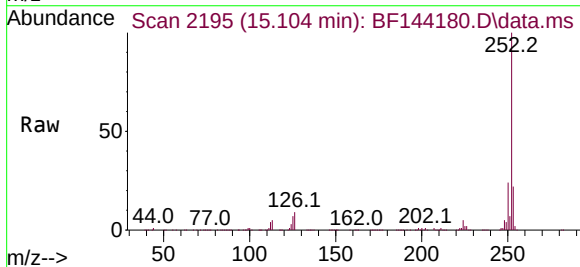
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

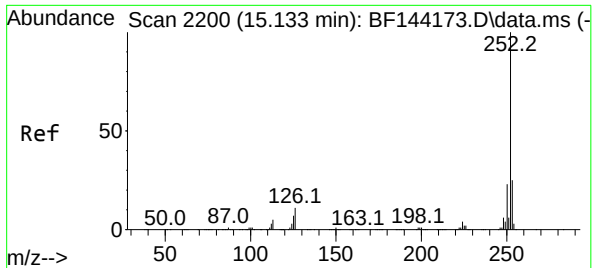
Tgt Ion:276 Resp: 645112
Ion Ratio Lower Upper
276 100
138 17.6 13.9 20.9
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 39.169 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144180.D
Acq: 06 Nov 2025 11:13

Tgt Ion:252 Resp: 481093
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 6.5 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 43.456 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

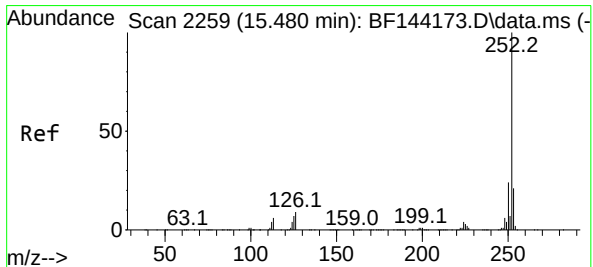
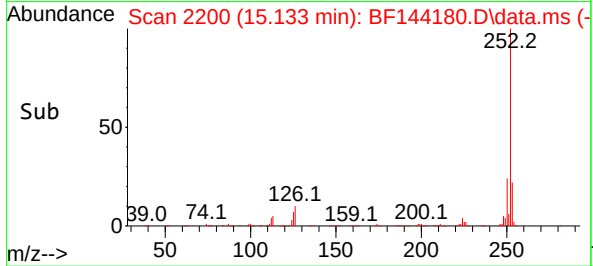
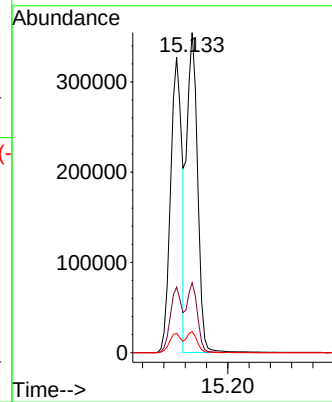
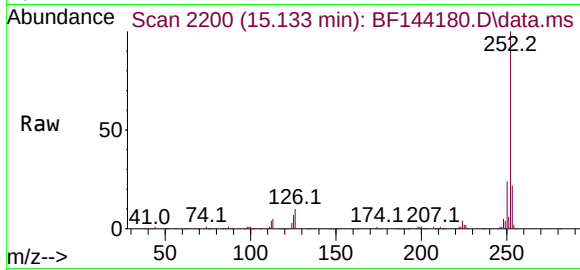
Tgt Ion:252 Resp: 499580

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.6 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.332 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.000 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

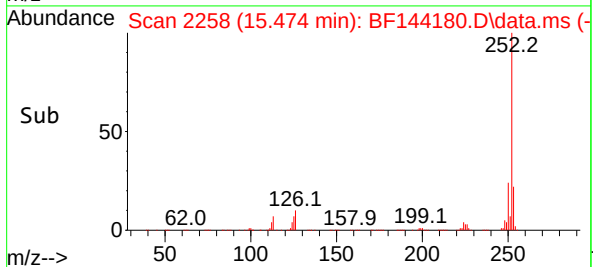
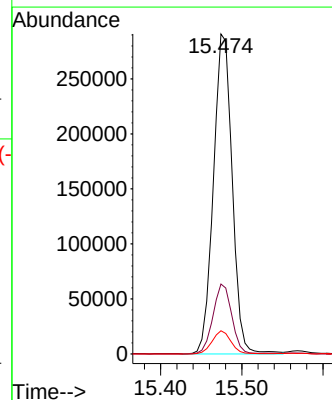
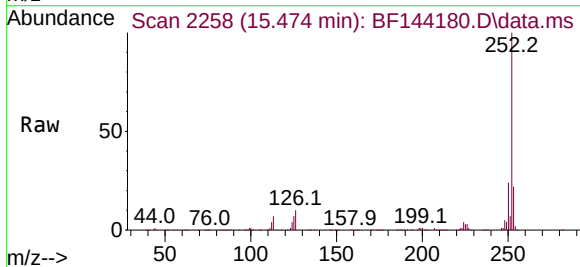
Tgt Ion:252 Resp: 468327

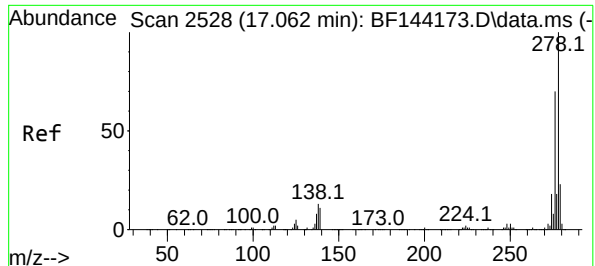
Ion Ratio Lower Upper

252 100

253 21.8 16.7 25.1

125 7.2 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.475 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

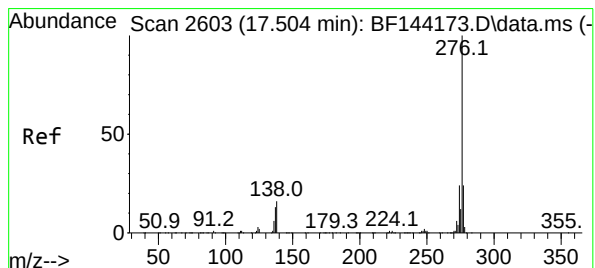
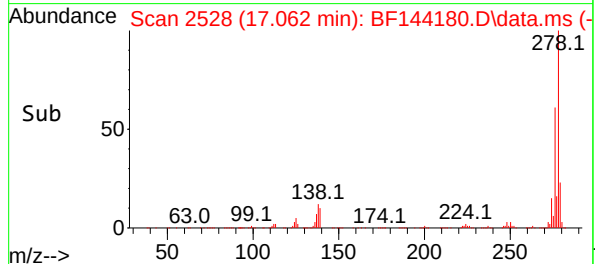
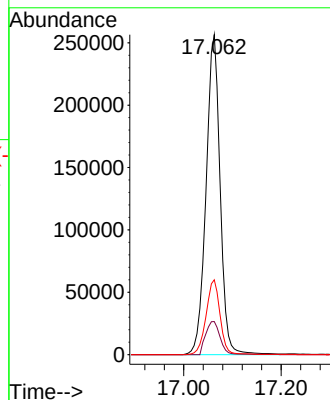
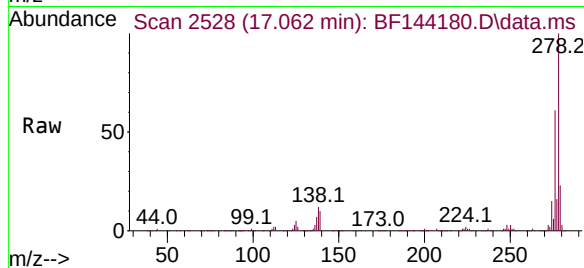
Tgt Ion:278 Resp: 516567

Ion Ratio Lower Upper

278 100

139 10.3 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 42.043 ng

RT: 17.498 min Scan# 2602

Delta R.T. 0.006 min

Lab File: BF144180.D

Acq: 06 Nov 2025 11:13

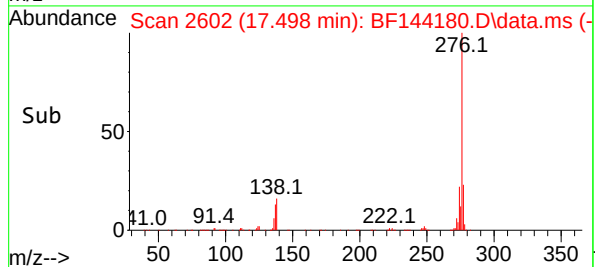
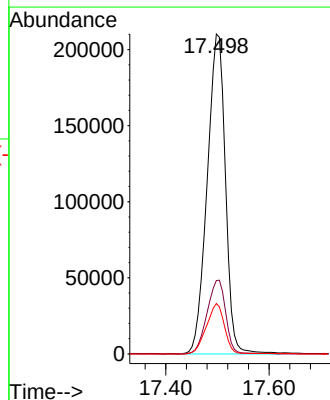
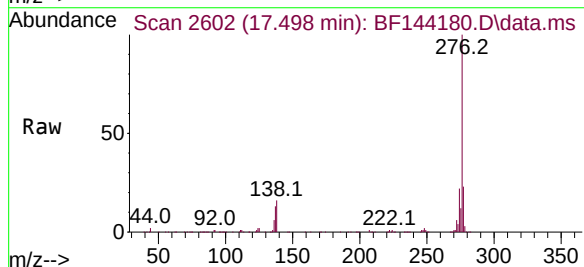
Tgt Ion:276 Resp: 517098

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 15.7 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144180.D
 Acq On : 06 Nov 2025 11:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 06 11:34:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
2	1,4-Dioxane	0.528	0.558	-5.7	111	0.00
3	Pyridine	1.474	1.597	-8.3	116	-0.03
4	n-Nitrosodimethylamine	0.770	0.833	-8.2	119	-0.01
5 S	2-Fluorophenol	1.278	1.335	-4.5	112	0.00
6	Aniline	2.063	2.155	-4.5	115	0.00
7 S	Phenol-d6	1.448	1.506	-4.0	114	0.00
8	2-Chlorophenol	1.253	1.297	-3.5	112	0.00
9	Benzaldehyde	0.818	0.829	-1.3	112	0.00
10 C	Phenol	1.769	1.823	-3.1	108	0.00
11	bis(2-Chloroethyl)ether	1.289	1.333	-3.4	112	0.00
12	1,3-Dichlorobenzene	1.547	1.585	-2.5	114	0.00
13 C	1,4-Dichlorobenzene	1.549	1.589	-2.6	110	0.00
14	1,2-Dichlorobenzene	1.485	1.522	-2.5	113	0.00
15	Benzyl Alcohol	1.147	1.187	-3.5	113	0.00
16	2,2'-oxybis(1-Chloropropane	2.374	2.494	-5.1	114	0.00
17	2-Methylphenol	0.997	1.048	-5.1	112	0.00
18	Hexachloroethane	0.515	0.548	-6.4	114	0.00
19 P	n-Nitroso-di-n-propylamine	0.953	0.973	-2.1	113	0.01
20	3+4-Methylphenols	1.175	1.214	-3.3	110	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	114	0.00
22	Acetophenone	0.429	0.431	-0.5	114	0.00
23 S	Nitrobenzene-d5	0.346	0.359	-3.8	114	0.00
24	Nitrobenzene	0.376	0.386	-2.7	114	0.00
25	Isophorone	0.655	0.683	-4.3	116	0.01
26 C	2-Nitrophenol	0.186	0.194	-4.3	113	0.00
27	2,4-Dimethylphenol	0.279	0.293	-5.0	112	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.423	-3.4	114	0.00
29 C	2,4-Dichlorophenol	0.322	0.325	-0.9	112	0.00
30	1,2,4-Trichlorobenzene	0.330	0.325	1.5	110	0.00
31	Naphthalene	0.951	0.951	0.0	112	0.00
32	Benzoic acid	0.204	0.181	11.3	115	-0.03
33	4-Chloroaniline	0.347	0.362	-4.3	114	0.00
34 C	Hexachlorobutadiene	0.249	0.252	-1.2	111	0.00
35	Caprolactam	0.088	0.095	-8.0	117	-0.02
36 C	4-Chloro-3-methylphenol	0.288	0.303	-5.2	117	0.00
37	2-Methylnaphthalene	0.636	0.646	-1.6	114	0.00
38	1-Methylnaphthalene	0.614	0.616	-0.3	114	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00
40	1,2,4,5-Tetrachlorobenzene	0.655	0.655	0.0	114	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.199	-2.1	117	0.00
42 S	2,4,6-Tribromophenol	0.251	0.266	-6.0	118	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.434	2.7	112	0.00
44	2,4,5-Trichlorophenol	0.481	0.477	0.8	115	0.00
45 S	2-Fluorobiphenyl	1.354	1.280	5.5	112	0.00
46	1,1'-Biphenyl	1.396	1.364	2.3	114	0.00
47	2-Chloronaphthalene	1.191	1.154	3.1	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144180.D
 Acq On : 06 Nov 2025 11:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 06 11:34:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.344	0.363	-5.5	118	0.00
49	Acenaphthylene	1.623	1.621	0.1	116	0.00
50	Dimethylphthalate	1.325	1.342	-1.3	117	0.00
51	2,6-Dinitrotoluene	0.268	0.284	-6.0	121	0.00
52 C	Acenaphthene	1.085	1.054	2.9	113	0.00
53	3-Nitroaniline	0.293	0.312	-6.5	117	0.00
54 P	2,4-Dinitrophenol	0.162	0.146	9.9	122	0.00
55	Dibenzofuran	1.520	1.505	1.0	114	0.00
56 P	4-Nitrophenol	0.212	0.221	-4.2	128	0.00
57	2,4-Dinitrotoluene	0.359	0.389	-8.4	119	0.00
58	Fluorene	1.156	1.160	-0.3	116	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.347	-2.1	114	0.00
60	Diethylphthalate	1.221	1.265	-3.6	119	0.00
61	4-Chlorophenyl-phenylether	0.658	0.676	-2.7	116	0.00
62	4-Nitroaniline	0.279	0.303	-8.6	124	0.01
63	Azobenzene	1.137	1.177	-3.5	119	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	117	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.135	0.7	122	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.649	-0.9	118	0.00
67	4-Bromophenyl-phenylether	0.255	0.263	-3.1	117	0.00
68	Hexachlorobenzene	0.301	0.313	-4.0	122	0.00
69	Atrazine	0.205	0.207	-1.0	118	0.00
70 C	Pentachlorophenol	0.150	0.157	-4.7	118	0.00
71	Phenanthrene	0.996	1.023	-2.7	119	0.00
72	Anthracene	1.013	1.026	-1.3	118	0.00
73	Carbazole	0.861	0.882	-2.4	118	0.00
74	Di-n-butylphthalate	1.041	1.100	-5.7	121	0.00
75 C	Fluoranthene	1.029	1.076	-4.6	120	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	114	0.00
77	Benzydine	0.592	0.614	-3.7	112	0.00
78	Pyrene	1.613	1.763	-9.3	117	0.00
79 S	Terphenyl-d14	1.259	1.373	-9.1	118	0.00
80	Butylbenzylphthalate	0.559	0.622	-11.3	120	0.00
81	Benzo(a)anthracene	1.386	1.411	-1.8	112	0.00
82	3,3'-Dichlorobenzidine	0.475	0.470	1.1	110	0.00
83	Chrysene	1.280	1.333	-4.1	108	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.798	-4.3	111	0.00
85 c	Di-n-octyl phthalate	1.320	1.296	1.8	104	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.493	-4.0	104	0.01
88	Benzo(b)fluoranthene	1.137	1.113	2.1	93	0.00
89	Benzo(k)fluoranthene	1.064	1.156	-8.6	115	0.00
90 C	Benzo(a)pyrene	1.049	1.084	-3.3	104	0.00
91	Dibenzo(a,h)anthracene	1.153	1.196	-3.7	103	0.01
92	Benzo(g,h,i)perylene	1.139	1.197	-5.1	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144180.D
Acq On : 06 Nov 2025 11:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 06 11:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144180.D
 Acq On : 06 Nov 2025 11:13
 Operator : RC/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	0.00
2	1,4-Dioxane	40.000	42.273	-5.7	111	0.00
3	Pyridine	40.000	43.329	-8.3	116	-0.03
4	n-Nitrosodimethylamine	40.000	43.298	-8.2	119	-0.01
5 S	2-Fluorophenol	80.000	83.568	-4.5	112	0.00
6	Aniline	40.000	41.783	-4.5	115	0.00
7 S	Phenol-d6	80.000	83.196	-4.0	114	0.00
8	2-Chlorophenol	40.000	41.385	-3.5	112	0.00
9	Benzaldehyde	40.000	40.527	-1.3	112	0.00
10 C	Phenol	40.000	41.213	-3.0	108	0.00
11	bis(2-Chloroethyl)ether	40.000	41.344	-3.4	112	0.00
12	1,3-Dichlorobenzene	40.000	40.996	-2.5	114	0.00
13 C	1,4-Dichlorobenzene	40.000	41.015	-2.5	110	0.00
14	1,2-Dichlorobenzene	40.000	40.987	-2.5	113	0.00
15	Benzyl Alcohol	40.000	41.394	-3.5	113	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.021	-5.1	114	0.00
17	2-Methylphenol	40.000	42.052	-5.1	112	0.00
18	Hexachloroethane	40.000	42.545	-6.4	114	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.835	-2.1	113	0.01
20	3+4-Methylphenols	40.000	41.326	-3.3	110	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	114	0.00
22	Acetophenone	40.000	40.160	-0.4	114	0.00
23 S	Nitrobenzene-d5	80.000	82.851	-3.6	114	0.00
24	Nitrobenzene	40.000	41.043	-2.6	114	0.00
25	Isophorone	40.000	41.720	-4.3	116	0.01
26 C	2-Nitrophenol	40.000	41.604	-4.0	113	0.00
27	2,4-Dimethylphenol	40.000	42.022	-5.1	112	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.408	-3.5	114	0.00
29 C	2,4-Dichlorophenol	40.000	40.470	-1.2	112	0.00
30	1,2,4-Trichlorobenzene	40.000	39.427	1.4	110	0.00
31	Naphthalene	40.000	39.968	0.1	112	0.00
32	Benzoic acid	40.000	35.315	11.7	115	-0.03
33	4-Chloroaniline	40.000	41.738	-4.3	114	0.00
34 C	Hexachlorobutadiene	40.000	40.500	-1.3	111	0.00
35	Caprolactam	40.000	43.048	-7.6	117	-0.02
36 C	4-Chloro-3-methylphenol	40.000	42.037	-5.1	117	0.00
37	2-Methylnaphthalene	40.000	40.614	-1.5	114	0.00
38	1-Methylnaphthalene	40.000	40.136	-0.3	114	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	118	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.951	0.1	114	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.826	0.4	117	0.00
42 S	2,4,6-Tribromophenol	80.000	84.944	-6.2	118	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.933	2.7	112	0.00
44	2,4,5-Trichlorophenol	40.000	39.644	0.9	115	0.00
45 S	2-Fluorobiphenyl	80.000	75.625	5.5	112	0.00
46	1,1'-Biphenyl	40.000	39.082	2.3	114	0.00
47	2-Chloronaphthalene	40.000	38.778	3.1	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144180.D
 Acq On : 06 Nov 2025 11:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 06 11:34:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.260	-5.6	118	0.00
49	Acenaphthylene	40.000	39.964	0.1	116	0.00
50	Dimethylphthalate	40.000	40.509	-1.3	117	0.00
51	2,6-Dinitrotoluene	40.000	42.332	-5.8	121	0.00
52 C	Acenaphthene	40.000	38.842	2.9	113	0.00
53	3-Nitroaniline	40.000	42.522	-6.3	117	0.00
54 P	2,4-Dinitrophenol	40.000	35.987	10.0	122	0.00
55	Dibenzofuran	40.000	39.602	1.0	114	0.00
56 P	4-Nitrophenol	40.000	41.731	-4.3	128	0.00
57	2,4-Dinitrotoluene	40.000	43.353	-8.4	119	0.00
58	Fluorene	40.000	40.169	-0.4	116	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.854	-2.1	114	0.00
60	Diethylphthalate	40.000	41.414	-3.5	119	0.00
61	4-Chlorophenyl-phenylether	40.000	41.066	-2.7	116	0.00
62	4-Nitroaniline	40.000	43.469	-8.7	124	0.01
63	Azobenzene	40.000	41.431	-3.6	119	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	117	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.889	0.3	122	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.356	-0.9	118	0.00
67	4-Bromophenyl-phenylether	40.000	41.135	-2.8	117	0.00
68	Hexachlorobenzene	40.000	41.588	-4.0	122	0.00
69	Atrazine	40.000	40.569	-1.4	118	0.00
70 C	Pentachlorophenol	40.000	41.865	-4.7	118	0.00
71	Phenanthrene	40.000	41.075	-2.7	119	0.00
72	Anthracene	40.000	40.525	-1.3	118	0.00
73	Carbazole	40.000	40.961	-2.4	118	0.00
74	Di-n-butylphthalate	40.000	42.273	-5.7	121	0.00
75 C	Fluoranthene	40.000	41.842	-4.6	120	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	114	0.00
77	Benzydine	40.000	41.487	-3.7	112	0.00
78	Pyrene	40.000	43.743	-9.4	117	0.00
79 S	Terphenyl-d14	80.000	87.235	-9.0	118	0.00
80	Butylbenzylphthalate	40.000	44.482	-11.2	120	0.00
81	Benzo(a)anthracene	40.000	40.708	-1.8	112	0.00
82	3,3'-Dichlorobenzidine	40.000	39.531	1.2	110	0.00
83	Chrysene	40.000	41.654	-4.1	108	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.744	-4.4	111	0.00
85 c	Di-n-octyl phthalate	40.000	39.268	1.8	104	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.598	-4.0	104	0.01
88	Benzo(b)fluoranthene	40.000	39.169	2.1	93	0.00
89	Benzo(k)fluoranthene	40.000	43.456	-8.6	115	0.00
90 C	Benzo(a)pyrene	40.000	41.332	-3.3	104	0.00
91	Dibenzo(a,h)anthracene	40.000	41.475	-3.7	103	0.01
92	Benzo(g,h,i)perylene	40.000	42.043	-5.1	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144180.D
Acq On : 06 Nov 2025 11:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 06 11:34:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3552</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>11/06/2025 13:25</u>
Lab File ID:	<u>BP026076.D</u>	Init. Calib. Date(s):	<u>10/29/2025 10/29/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:26 14:13</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.267		4.5	
Benzaldehyde	0.802	0.809		0.9	
Phenol-d6	1.543	1.653		7.1	
Phenol	1.713	1.798		5.0	20.0
bis(2-Chloroethyl)ether	1.352	1.366		1.0	
2-Chlorophenol	1.342	1.480		10.3	
2-Methylphenol	1.121	1.196		6.7	
2,2-oxybis(1-Chloropropane)	2.043	1.948		-4.7	
Acetophenone	0.506	0.509		0.6	
3+4-Methylphenols	1.560	1.687		8.1	
n-Nitroso-di-n-propylamine	0.958	1.040	0.050	8.6	
Nitrobenzene-d5	0.321	0.353		10.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.360		6.2	
Isophorone	0.687	0.733		6.7	
2-Nitrophenol	0.104	0.180		73.1	20.0
2,4-Dimethylphenol	0.289	0.297		2.8	
bis(2-Chloroethoxy)methane	0.433	0.446		3.0	
2,4-Dichlorophenol	0.305	0.339		11.1	20.0
Naphthalene	1.091	1.091		0.0	
4-Chloroaniline	0.419	0.439		4.8	
Hexachlorobutadiene	0.211	0.215		1.9	20.0
Caprolactam	0.107	0.126		17.8	
4-Chloro-3-methylphenol	0.320	0.367		14.7	20.0
2-Methylnaphthalene	0.763	0.799		4.7	
Hexachlorocyclopentadiene	0.227	0.280	0.050	23.3	
2,4,6-Trichlorophenol	0.367	0.431		17.4	20.0
2-Fluorobiphenyl	1.392	1.347		-3.2	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.512		-1.2	
2-Chloronaphthalene	1.205	1.197		-0.7	
2-Nitroaniline	0.272	0.345		26.8	
Dimethylphthalate	1.455	1.553		6.7	
Acenaphthylene	1.756	1.771		0.9	
2,6-Dinitrotoluene	0.237	0.308		30.0	
3-Nitroaniline	0.291	0.362		24.4	
Acenaphthene	1.206	1.165		-3.4	20.0
2,4-Dinitrophenol	0.100	0.163	0.050	63.0	
4-Nitrophenol	0.290	0.320	0.050	10.3	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02
 Lab Code: ACE SDG No.: Q3552
 Instrument ID: BNA_P Calibration Date/Time: 11/06/2025 13:25
 Lab File ID: BP026076.D Init. Calib. Date(s): 10/29/2025 10/29/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.807		-0.8	
2,4-Dinitrotoluene	0.347	0.457		31.7	
Diethylphthalate	1.463	1.583		8.2	
4-Chlorophenyl-phenylether	0.713	0.715		0.3	
Fluorene	1.427	1.426		-0.1	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.118		53.2	
n-Nitrosodiphenylamine	0.625	0.630		0.8	20.0
2,4,6-Tribromophenol	0.216	0.269		24.5	
4-Bromophenyl-phenylether	0.222	0.234		5.4	
Hexachlorobenzene	0.253	0.263		4.0	
Atrazine	0.211	0.225		6.6	
Pentachlorophenol	0.154	0.279		81.2	20.0
Phenanthrene	1.164	1.150		-1.2	
Anthracene	1.154	1.161		0.6	
Carbazole	1.092	1.111		1.7	
Di-n-butylphthalate	1.222	1.385		13.3	
Fluoranthene	1.358	1.381		1.7	20.0
Pyrene	1.353	1.393		3.0	
Terphenyl-d14	0.984	1.000		1.6	
Butylbenzylphthalate	0.432	0.602		39.4	
3,3-Dichlorobenzidine	0.443	0.501		13.1	
Benzo (a) anthracene	1.374	1.388		1.0	
Chrysene	1.302	1.300		-0.2	
Bis(2-ethylhexyl)phthalate	0.718	0.917		27.7	
Di-n-octyl phthalate	1.191	1.618		35.9	20.0
Benzo (b) fluoranthene	1.242	1.252		0.8	
Benzo (k) fluoranthene	1.268	1.227		-3.2	
Benzo (a) pyrene	1.141	1.157		1.4	20.0
Indeno (1,2,3-cd) pyrene	1.476	1.509		2.2	
Dibenzo (a,h) anthracene	1.202	1.237		2.9	
Benzo (g,h,i) perylene	1.156	1.168		1.0	
1,2,4,5-Tetrachlorobenzene	0.621	0.622		0.2	
1,4-Dioxane	0.511	0.507		-0.8	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.411		24.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026076.D
 Acq On : 06 Nov 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 14:05:12 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 30 11:51:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	311598	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1312781	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	873597	20.000	ng	0.00
64) Phenanthrene-d10	17.142	188	1797854	20.000	ng	0.02
76) Chrysene-d12	21.583	240	1874908	20.000	ng	0.02
86) Perylene-d12	24.918	264	2125998	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1578999	83.617	ng	0.00
7) Phenol-d6	6.855	99	2060116	85.713	ng	0.00
23) Nitrobenzene-d5	8.819	82	1854380	88.059	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	939137	99.438	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4707010	77.423	ng	0.00
79) Terphenyl-d14	19.866	244	7498778	81.258	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	315831	39.674	ng	96
3) Pyridine	3.619	79	914435	40.407	ng	97
4) n-Nitrosodimethylamine	3.531	42	347575	38.321	ng	91
6) Aniline	7.013	93	1320790	41.175	ng	99
8) 2-Chlorophenol	7.255	128	922434	44.113	ng	98
9) Benzaldehyde	6.825	77	504106	40.347	ng	96
10) Phenol	6.878	94	1120533	41.994	ng	100
11) bis(2-Chloroethyl)ether	7.108	93	851047	40.414	ng	99
12) 1,3-Dichlorobenzene	7.572	146	976603	40.667	ng	98
13) 1,4-Dichlorobenzene	7.719	146	980811	40.395	ng	99
14) 1,2-Dichlorobenzene	8.031	146	938689	40.515	ng	99
15) Benzyl Alcohol	7.913	79	763539	44.066	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1214098	38.148	ng	98
17) 2-Methylphenol	8.113	107	745375	42.660	ng	99
18) Hexachloroethane	8.755	117	354631	42.683	ng	99
19) n-Nitroso-di-n-propyla...	8.478	70	648418	43.460	ng	96
20) 3+4-Methylphenols	8.437	107	1051061	43.241	ng	98
22) Acetophenone	8.490	105	1337216	40.276	ng	# 97
24) Nitrobenzene	8.860	77	944717	42.489	ng	97
25) Isophorone	9.390	82	1924747	42.702	ng	99
26) 2-Nitrophenol	9.560	139	473336	57.288	ng	98
27) 2,4-Dimethylphenol	9.631	122	780509	41.178	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	1170121	41.192	ng	100
29) 2,4-Dichlorophenol	10.107	162	891026	44.521	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	886448	40.751	ng	99
31) Naphthalene	10.507	128	2864494	40.013	ng	100
32) Benzoic acid	9.766	122	695488m	56.811	ng	
33) 4-Chloroaniline	10.601	127	1152089	41.880	ng	99
34) Hexachlorobutadiene	10.801	225	564331	40.824	ng	99
35) Caprolactam	11.372	113	331015	47.099	ng	92
36) 4-Chloro-3-methylphenol	11.737	107	964629	45.979	ng	97
37) 2-Methylnaphthalene	12.125	142	2096803	41.848	ng	98
38) 1-Methylnaphthalene	12.337	142	2023436	41.569	ng	98
40) 1,2,4,5-Tetrachloroben...	12.501	216	1087205	40.053	ng	99
41) Hexachlorocyclopentadiene	12.484	237	488914	49.229	ng	97
43) 2,4,6-Trichlorophenol	12.737	196	752822	46.922	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026076.D
 Acq On : 06 Nov 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 14:05:12 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 30 11:51:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.813	196	830001	45.337	ng	99
46) 1,1'-Biphenyl	13.148	154	2642130	39.499	ng	100
47) 2-Chloronaphthalene	13.184	162	2091211	39.734	ng	99
48) 2-Nitroaniline	13.372	65	603262	44.750	ng	99
49) Acenaphthylene	14.037	152	3093728	40.331	ng	100
50) Dimethylphthalate	13.772	163	2713959	42.710	ng	99
51) 2,6-Dinitrotoluene	13.890	165	538902	45.582	ng	97
52) Acenaphthene	14.384	154	2036201	38.666	ng	99
53) 3-Nitroaniline	14.219	138	632150	44.369	ng	98
54) 2,4-Dinitrophenol	14.431	184	285649	58.251	ng	95
55) Dibenzofuran	14.725	168	3157740	39.688	ng	99
56) 4-Nitrophenol	14.531	139	559018	44.118	ng	98
57) 2,4-Dinitrotoluene	14.695	165	798216	45.938	ng	88
58) Fluorene	15.395	166	2491275	39.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.960	232	717565	49.851	ng	99
60) Diethylphthalate	15.166	149	2766137	43.300	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1249593	40.144	ng	97
62) 4-Nitroaniline	15.395	138	646745	47.630	ng	96
63) Azobenzene	15.689	77	2306111	39.832	ng	97
65) 4,6-Dinitro-2-methylph...	15.472	198	423210	55.466	ng	93
66) n-Nitrosodiphenylamine	15.607	169	2265581	40.304	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	840472	42.144	ng	97
68) Hexachlorobenzene	16.425	284	944341	41.596	ng	100
69) Atrazine	16.589	200	809917	42.711	ng	99
70) Pentachlorophenol	16.778	266	1002391	72.285	ng	99
71) Phenanthrene	17.183	178	4133609	39.502	ng	100
72) Anthracene	17.272	178	4175469	40.254	ng	99
73) Carbazole	17.548	167	3994788	40.684	ng	100
74) Di-n-butylphthalate	18.166	149	4981360	45.338	ng	100
75) Fluoranthene	19.272	202	4965550	40.678	ng	99
77) Benzidine	19.466	184	2165515	45.504	ng	99
78) Pyrene	19.648	202	5223256	41.190	ng	99
80) Butylbenzylphthalate	20.607	149	2256439	47.684	ng	100
81) Benzo(a)anthracene	21.566	228	5205313	40.402	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	1877270	45.223	ng	100
83) Chrysene	21.636	228	4874494	39.940	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3440370	45.664	ng	99
85) Di-n-octyl phthalate	22.813	149	6066347	54.353	ng	97
87) Indeno(1,2,3-cd)pyrene	28.706	276	6415730	40.876	ng	99
88) Benzo(b)fluoranthene	23.877	252	5321865	40.323	ng	100
89) Benzo(k)fluoranthene	23.936	252	5218308	38.719	ng	99
90) Benzo(a)pyrene	24.765	252	4918962	40.569	ng	99
91) Dibenzo(a,h)anthracene	28.801	278	5260623	41.186	ng	99
92) Benzo(g,h,i)perylene	29.889	276	4966212	40.404	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

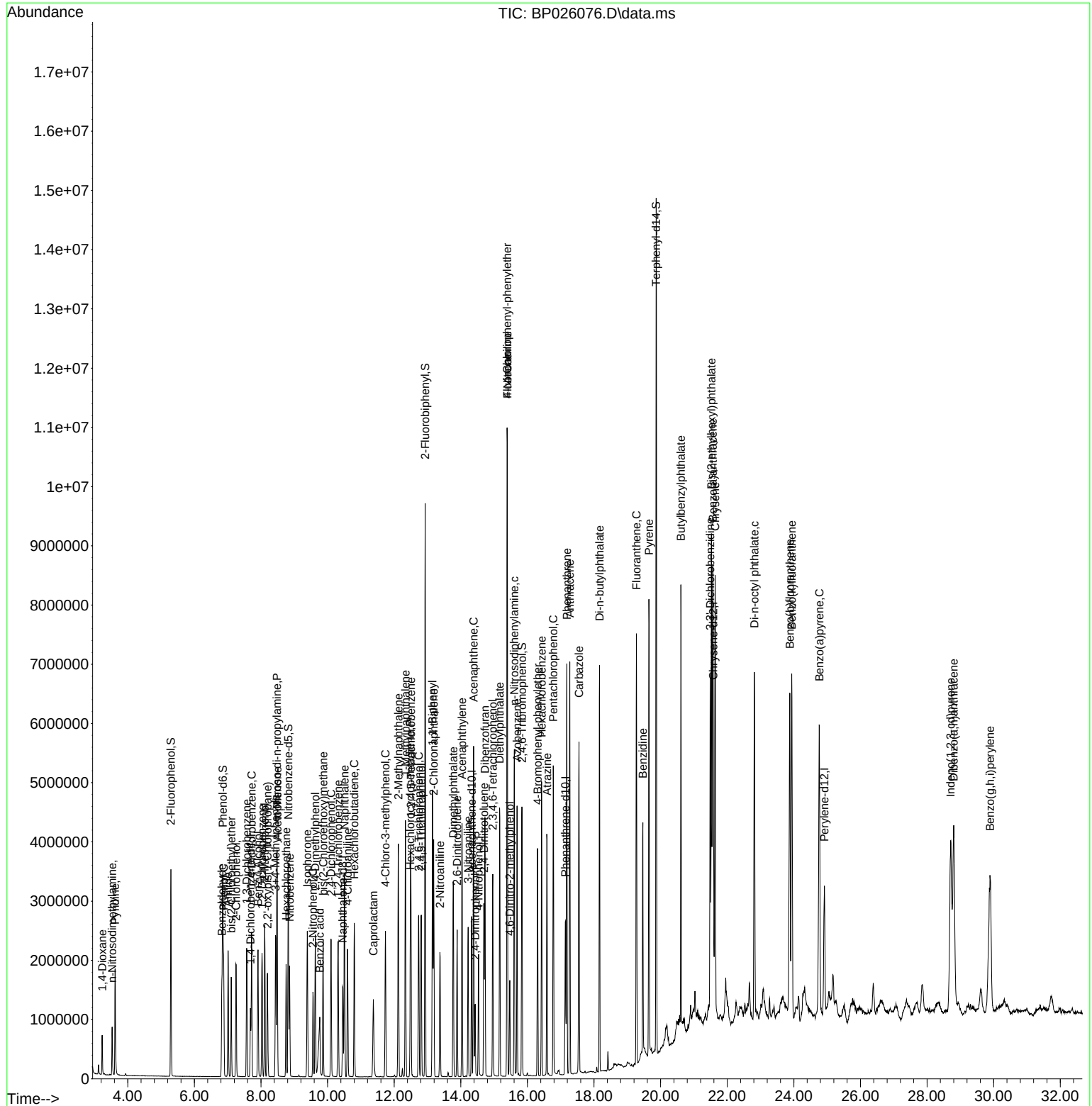
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Data File : BP026076.D  
Acq On    : 06 Nov 2025  13:25  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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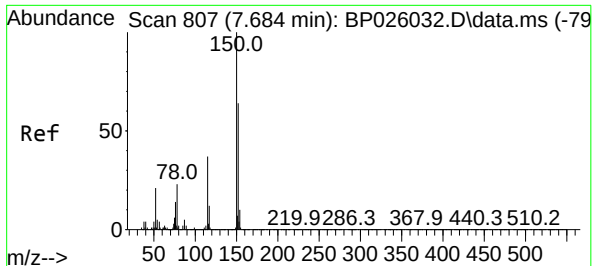
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

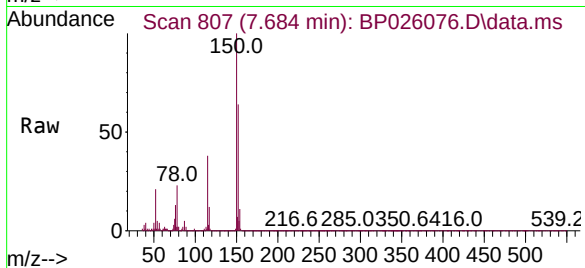
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

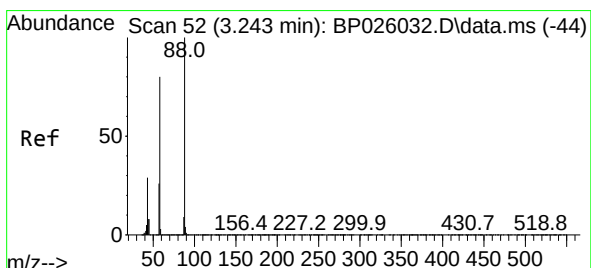
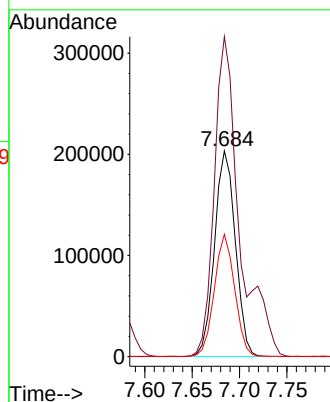
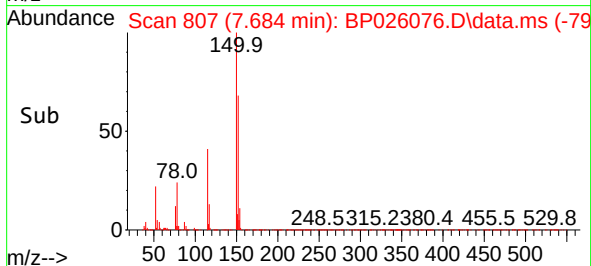
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 152 Resp: 311598
Ion Ratio Lower Upper
152 100
150 155.6 125.7 188.5
115 59.5 46.4 69.6

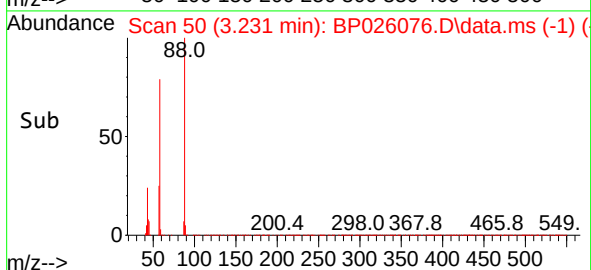
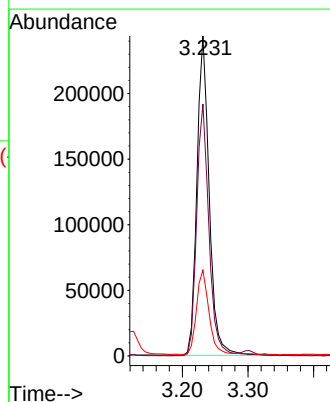
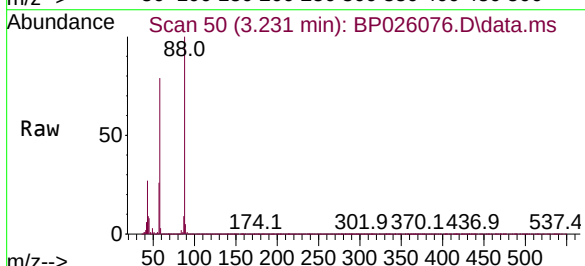
Manual Integrations
APPROVED

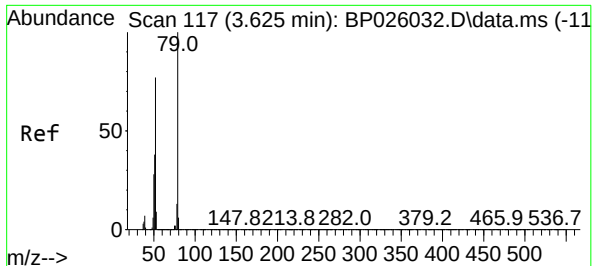
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 39.674 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion: 88 Resp: 315831
Ion Ratio Lower Upper
88 100
58 78.6 65.4 98.0
43 26.8 23.1 34.7





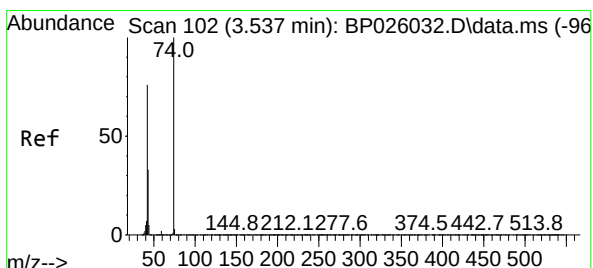
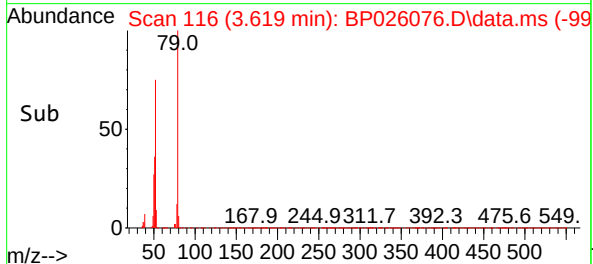
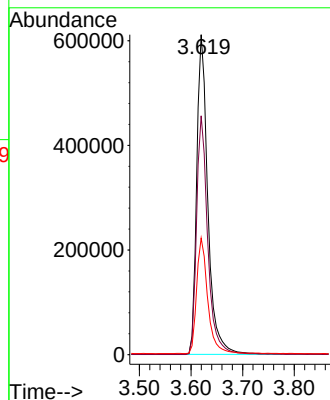
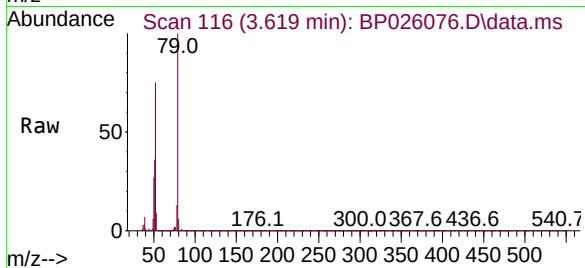
#3
Pyridine
Concen: 40.407 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 914435
Ion Ratio Lower Upper
79 100
52 74.6 62.0 93.0
51 36.4 30.6 46.0

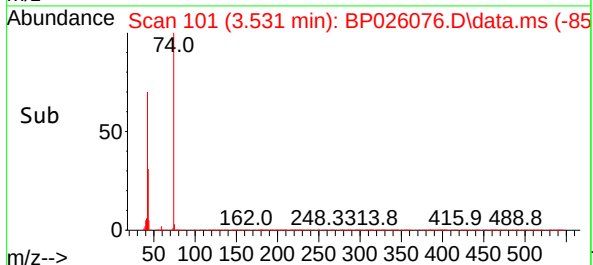
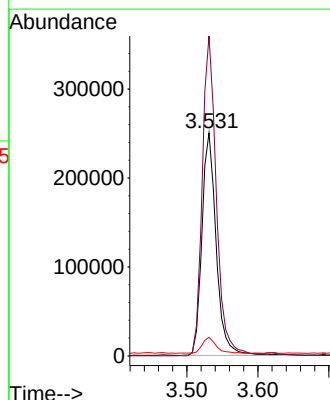
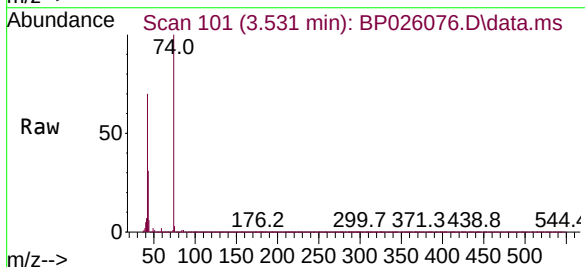
Manual Integrations
APPROVED

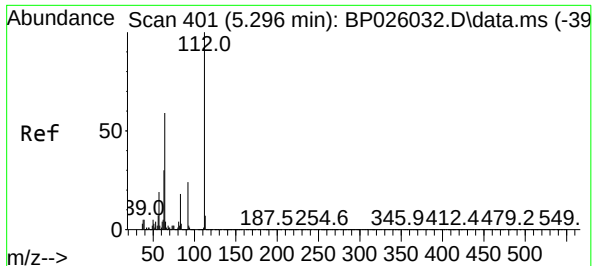
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#4
n-Nitrosodimethylamine
Concen: 38.321 ng
RT: 3.531 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

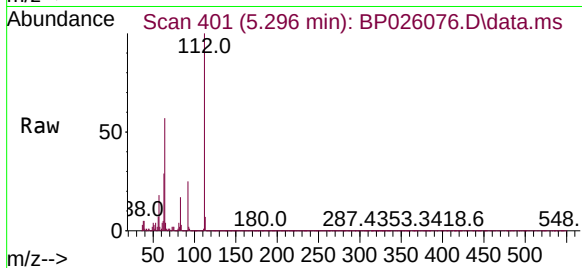
Tgt Ion: 42 Resp: 347575
Ion Ratio Lower Upper
42 100
74 143.5 105.7 158.5
44 8.3 6.6 9.8





#5
2-Fluorophenol
Concen: 83.617 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

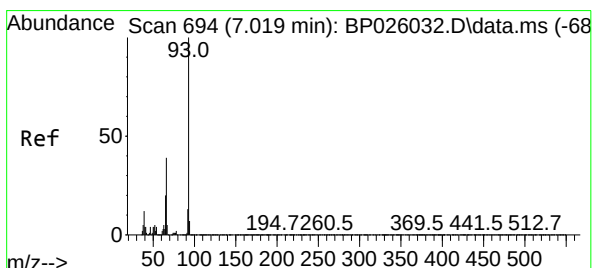
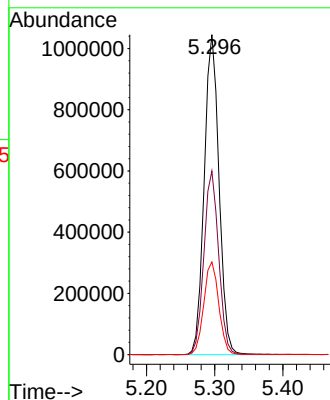
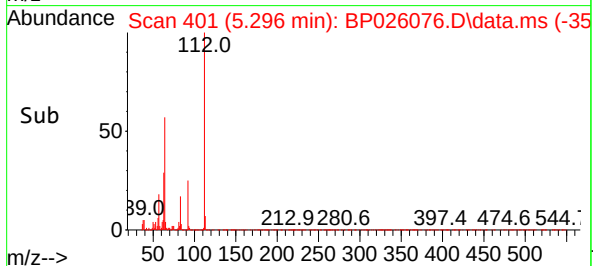
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



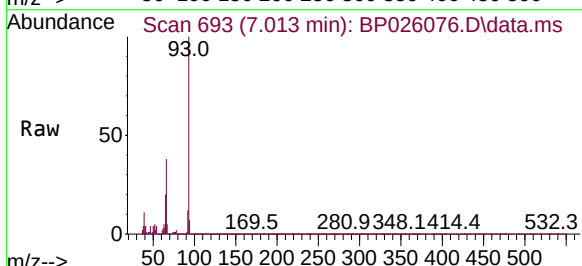
Tgt Ion: 112 Resp: 1578999
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 29.0 24.2 36.4

Manual Integrations
APPROVED

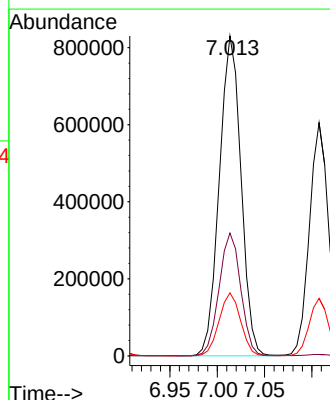
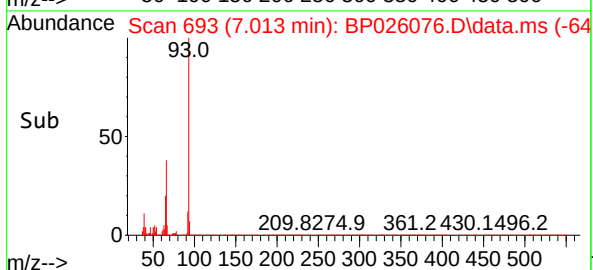
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

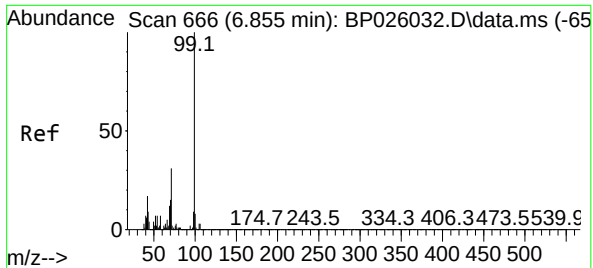


#6
Aniline
Concen: 41.175 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



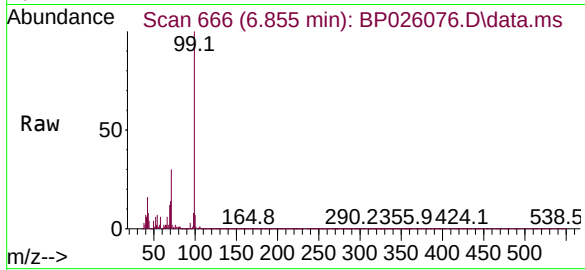
Tgt Ion: 93 Resp: 1320790
Ion Ratio Lower Upper
93 100
66 38.4 31.2 46.8
65 19.7 16.1 24.1





#7
Phenol-d6
Concen: 85.713 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

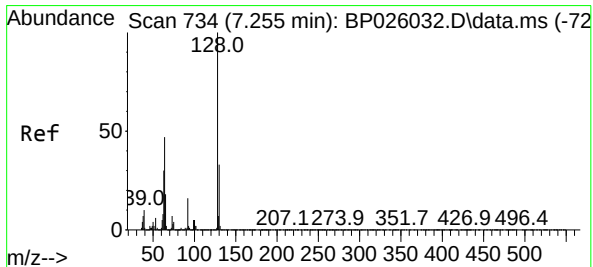
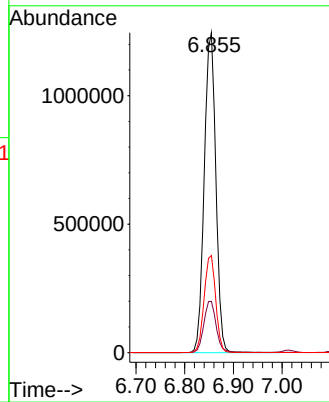
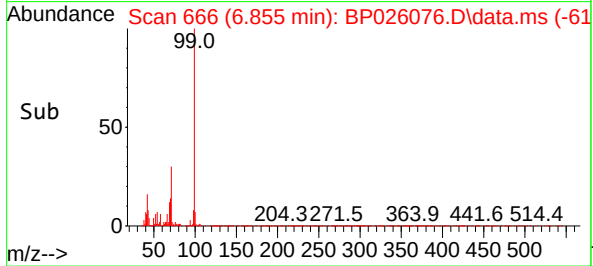
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



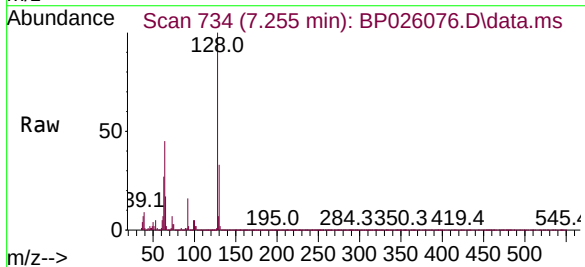
Tgt Ion: 99 Resp: 2060116
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.3 24.4 36.6

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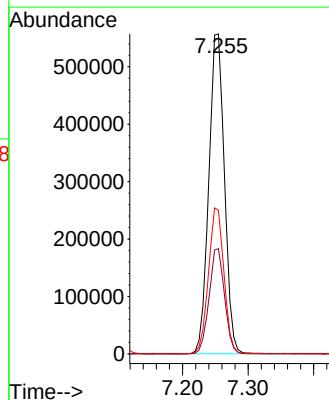
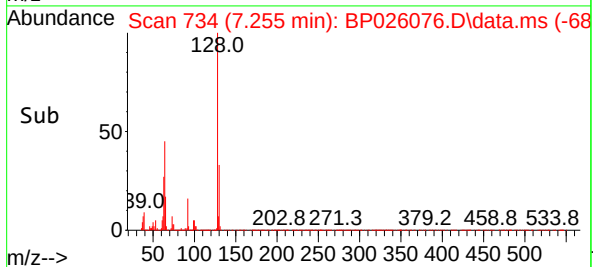
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

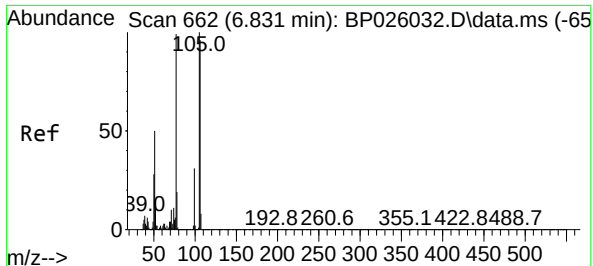


#8
2-Chlorophenol
Concen: 44.113 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



Tgt Ion:128 Resp: 922434
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 44.8 27.4 67.4





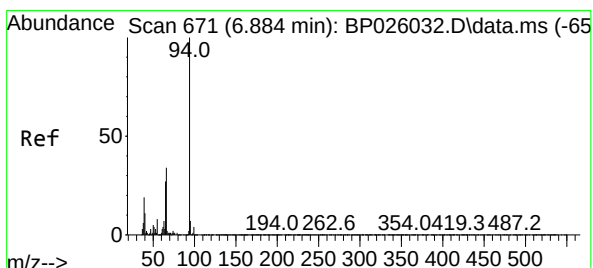
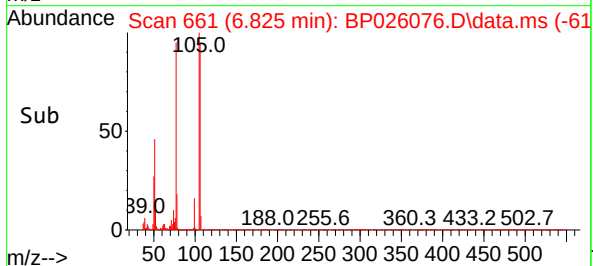
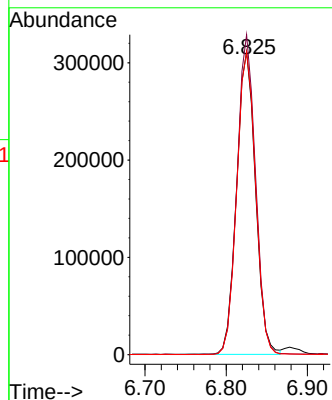
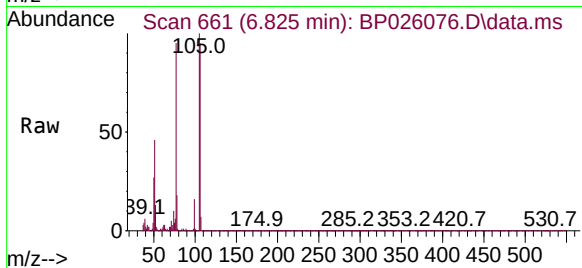
#9
Benzaldehyde
Concen: 40.347 ng
RT: 6.825 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 504106
Ion Ratio Lower Upper
77 100
105 105.7 80.7 120.7
106 100.0 76.5 116.5

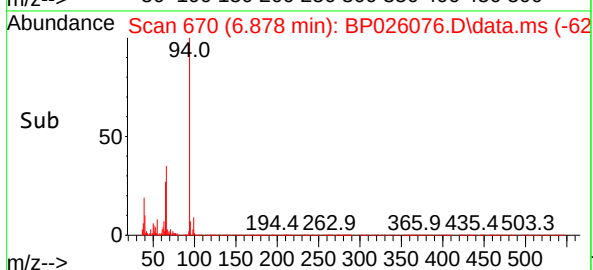
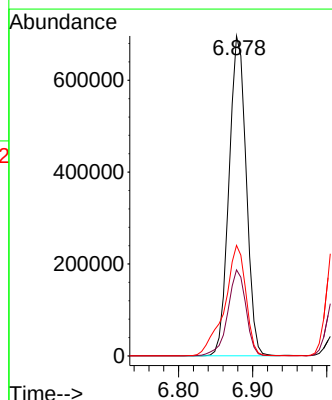
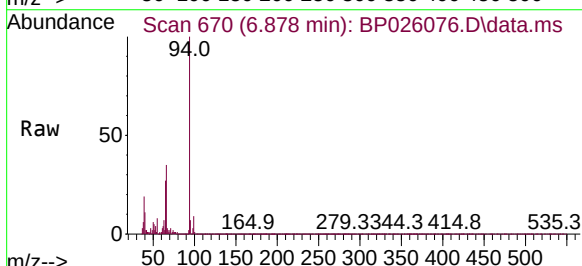
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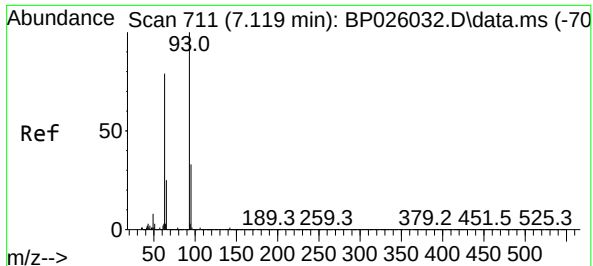
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#10
Phenol
Concen: 41.994 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion: 94 Resp: 1120533
Ion Ratio Lower Upper
94 100
65 26.9 7.1 47.1
66 34.5 14.4 54.4





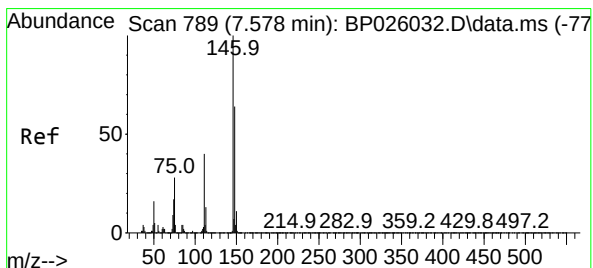
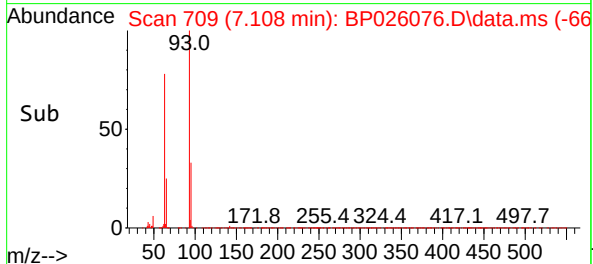
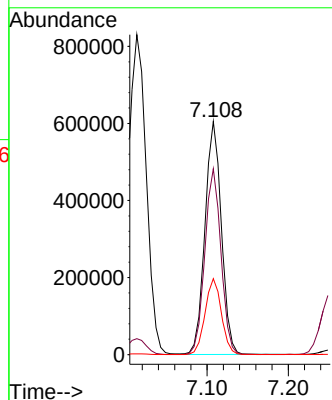
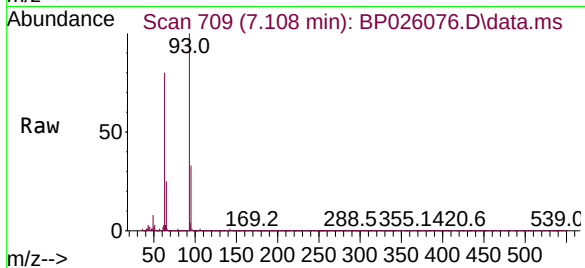
#11
bis(2-Chloroethyl)ether
Concen: 40.414 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 85104
Ion Ratio Lower Upper
93 100
63 79.7 59.1 99.1
95 32.6 12.6 52.6

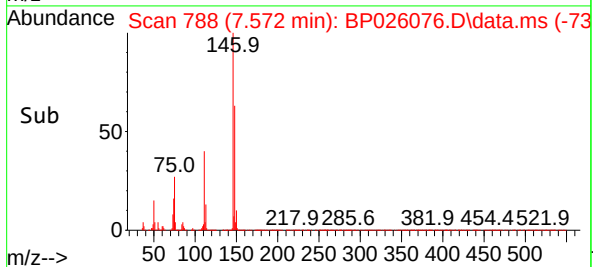
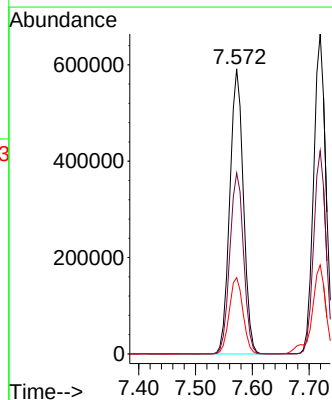
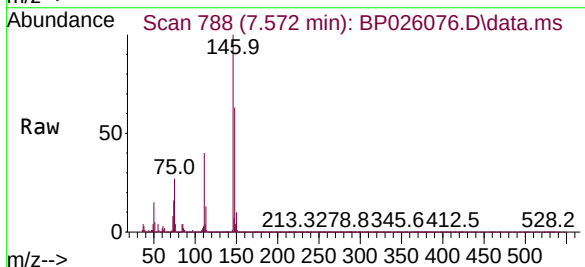
Manual Integrations
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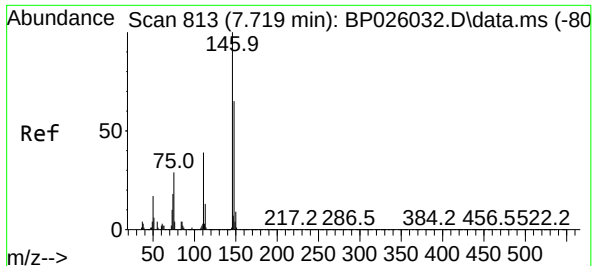
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#12
1,3-Dichlorobenzene
Concen: 40.667 ng
RT: 7.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion:146 Resp: 976603
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
75 26.8 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 40.395 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 980811

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

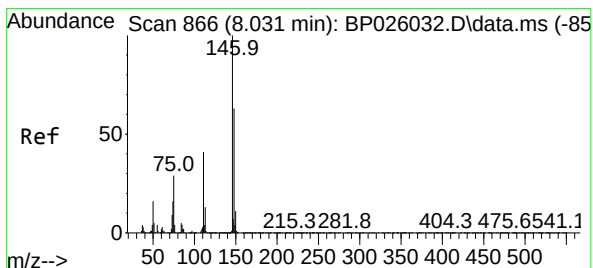
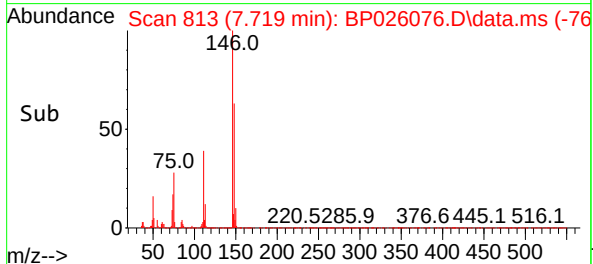
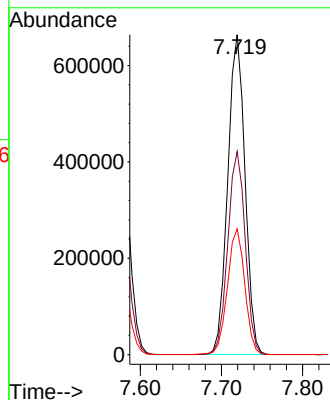
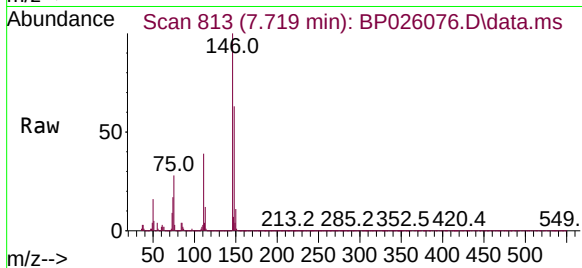
111 39.3 31.3 46.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 40.515 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

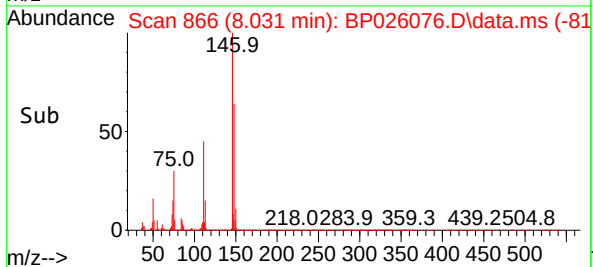
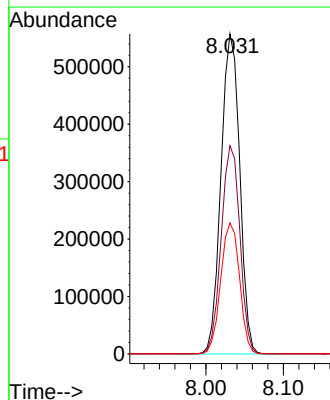
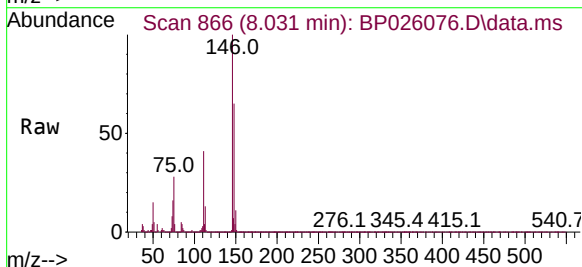
Tgt Ion:146 Resp: 938689

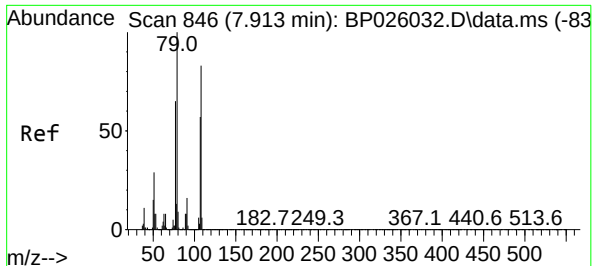
Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.9 33.0 49.4





#15

Benzyl Alcohol

Concen: 44.066 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 763539

Ion Ratio Lower Upper

79 100

108 82.3 66.0 99.0

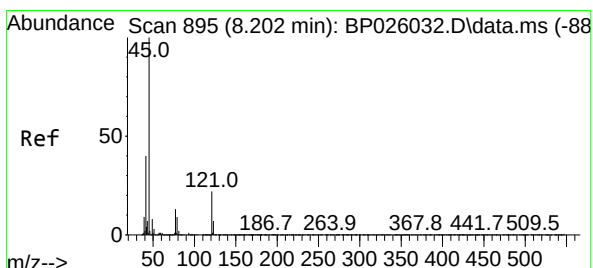
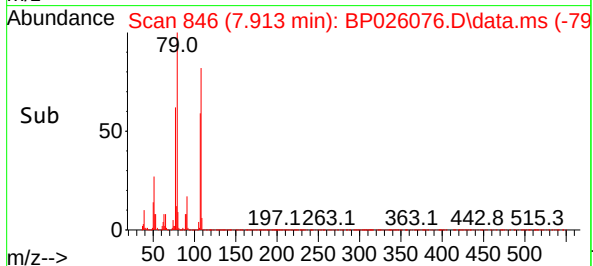
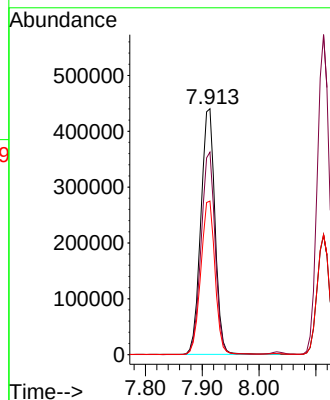
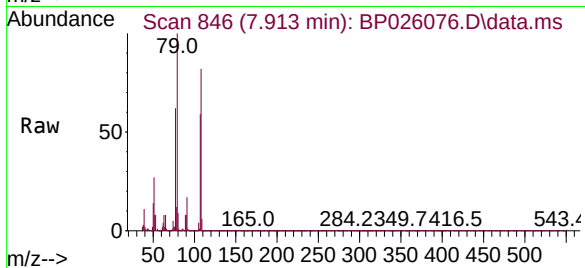
77 62.5 52.3 78.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.148 ng

RT: 8.196 min Scan# 894

Delta R.T. -0.006 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

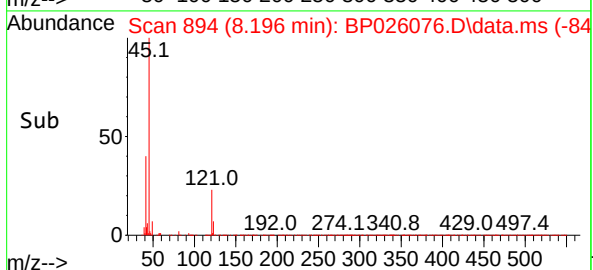
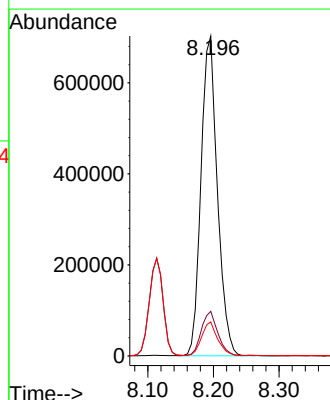
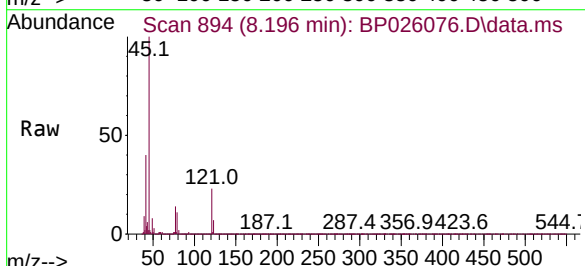
Tgt Ion: 45 Resp: 1214098

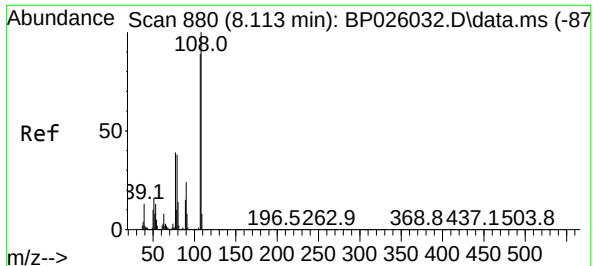
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.2

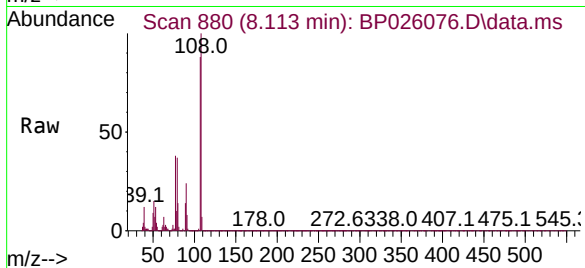
79 10.6 0.0 29.5





#17
2-Methylphenol
Concen: 42.660 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

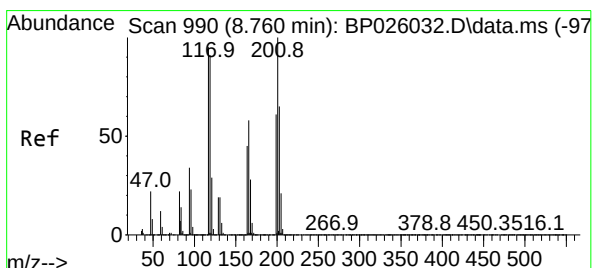
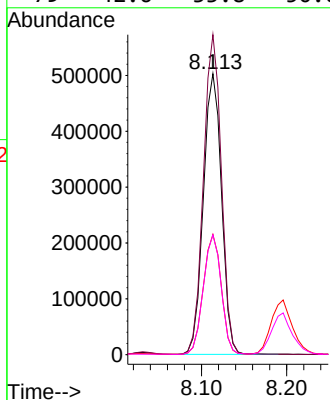
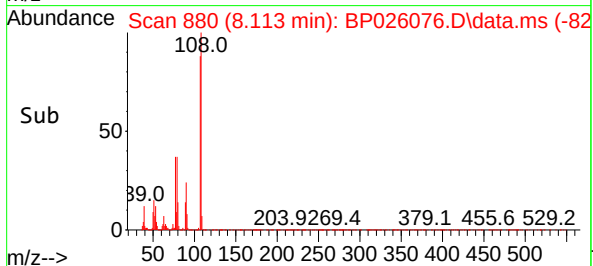
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 745375
Ion Ratio Lower Upper
107 100
108 113.9 89.8 134.8
77 42.8 34.8 52.2
79 42.6 33.8 50.6

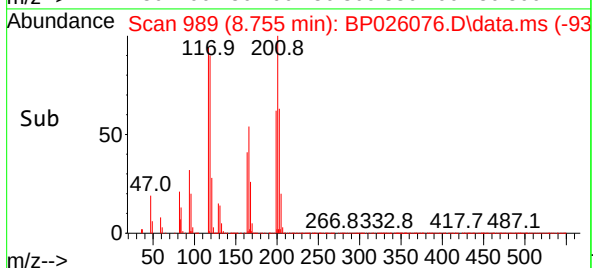
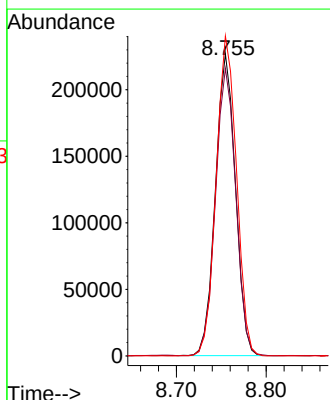
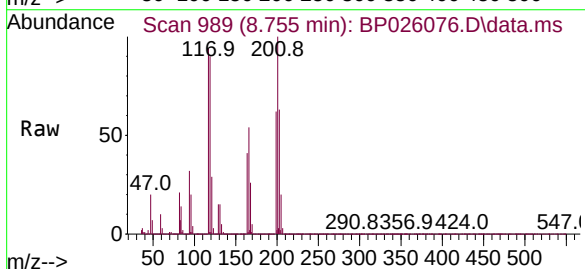
Manual Integrations
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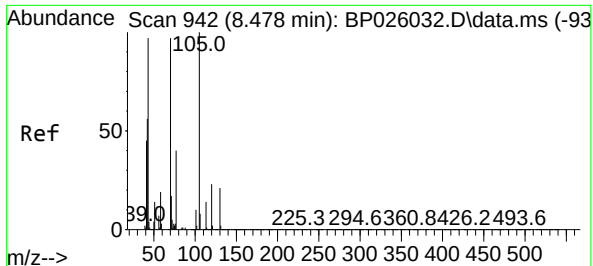
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Hexachloroethane
Concen: 42.683 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion:117 Resp: 354631
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
201 105.9 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.460 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.012 min

Lab File: BP026076.D

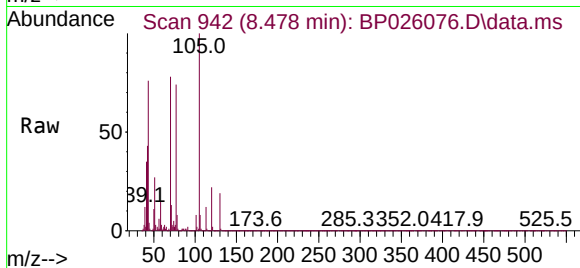
Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 648418

Ion Ratio Lower Upper

70 100

42 55.2 47.2 70.8

101 10.3 8.2 12.2

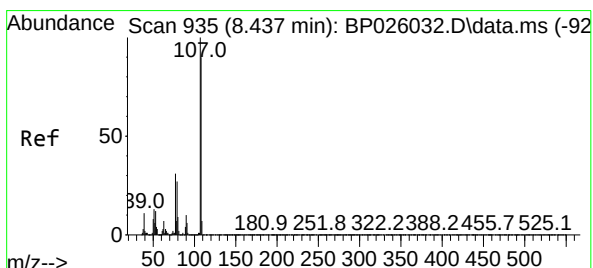
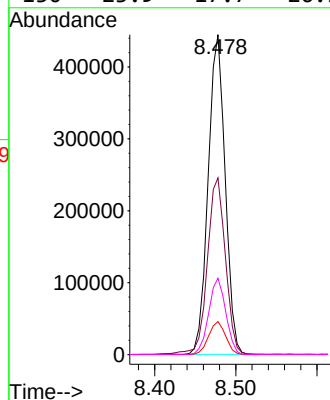
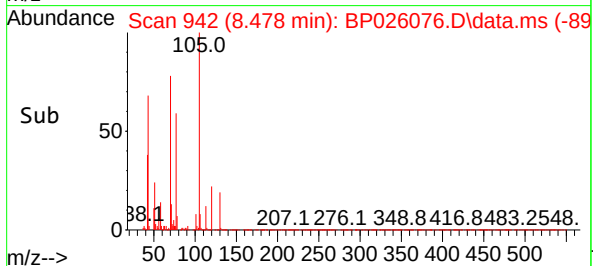
130 23.9 17.7 26.5

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Supervised By :Jagrut Upadhyay 11/10/2025



#20

3+4-Methylphenols

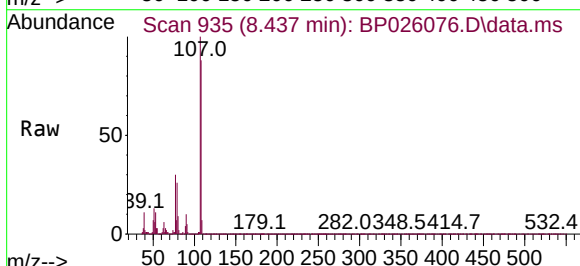
Concen: 43.241 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25



Tgt Ion:107 Resp: 1051061

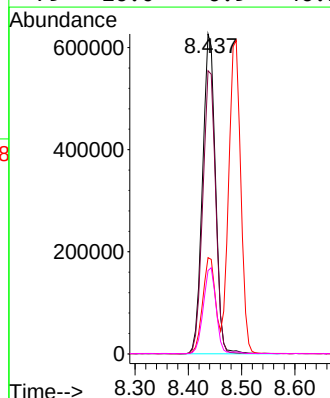
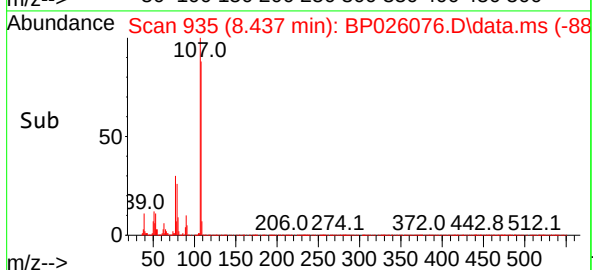
Ion Ratio Lower Upper

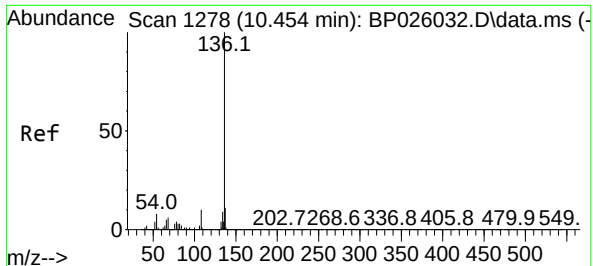
107 100

108 88.5 70.1 110.1

77 30.1 10.7 50.7

79 26.0 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 131278

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.3 6.6 10.0

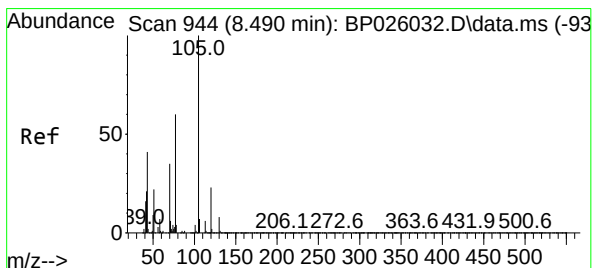
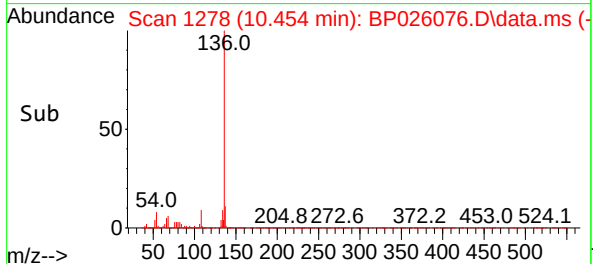
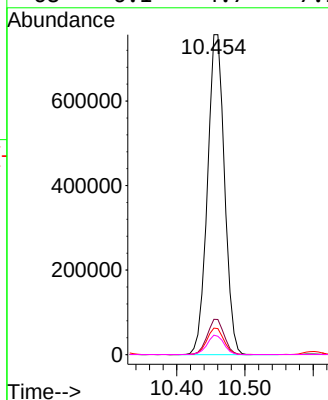
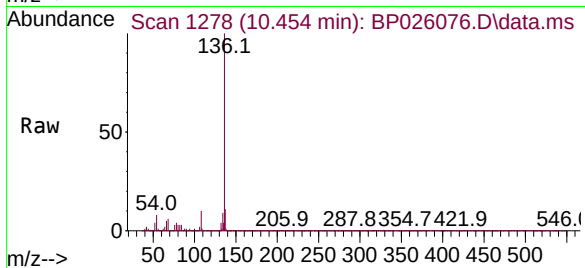
68 6.1 4.7 7.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#22

Acetophenone

Concen: 40.276 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Tgt Ion:105 Resp: 1337216

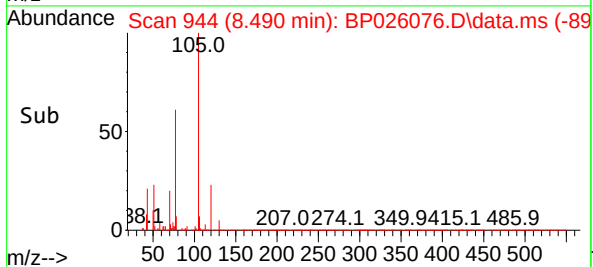
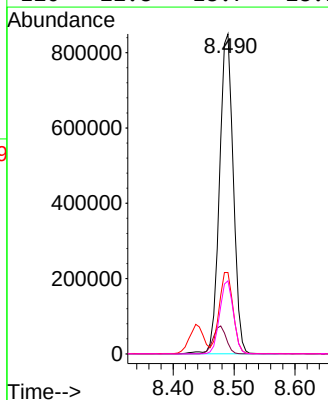
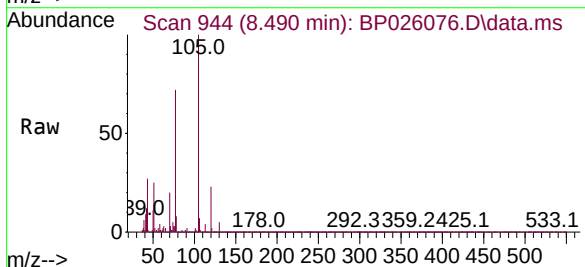
Ion Ratio Lower Upper

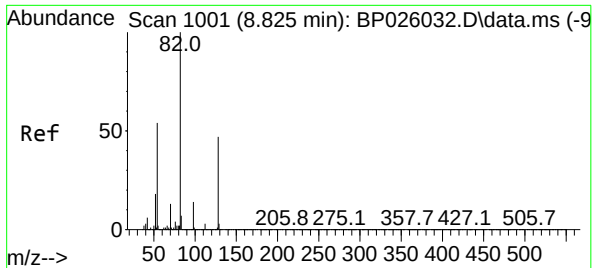
105 100

71 3.4 4.7 7.1

51 25.4 21.8 32.8

120 22.8 18.7 28.1





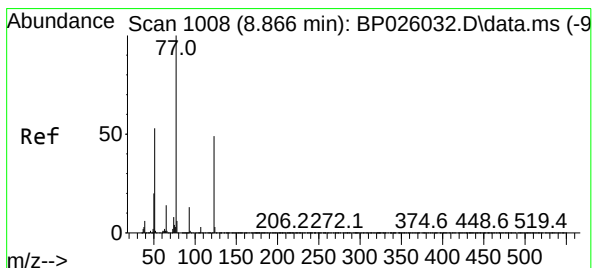
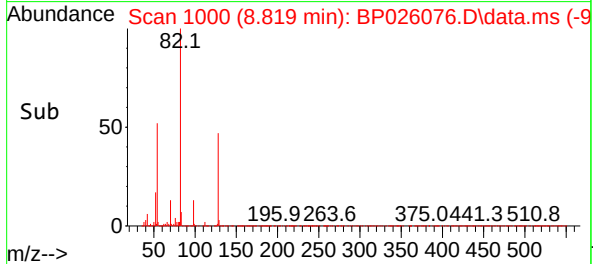
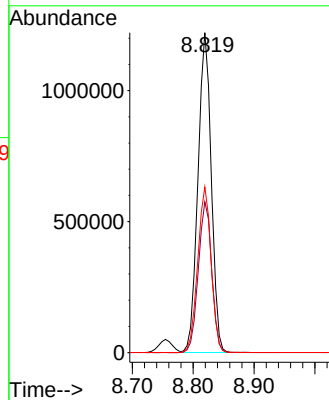
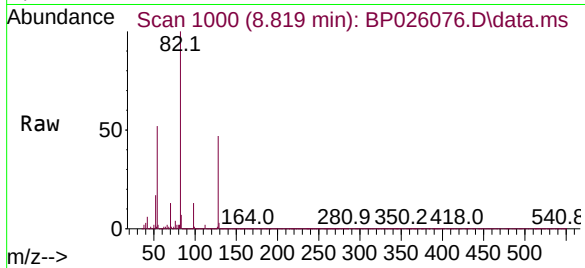
#23
Nitrobenzene-d5
Concen: 88.059 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1854380
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 51.8 42.7 64.1

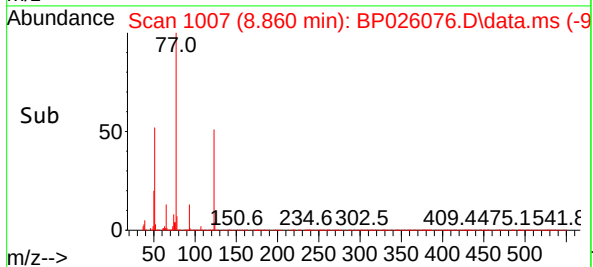
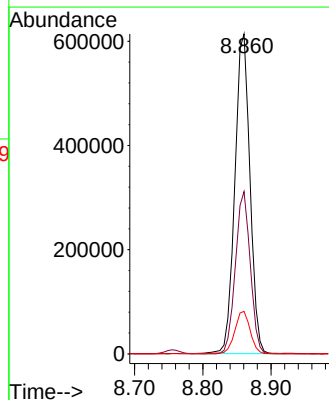
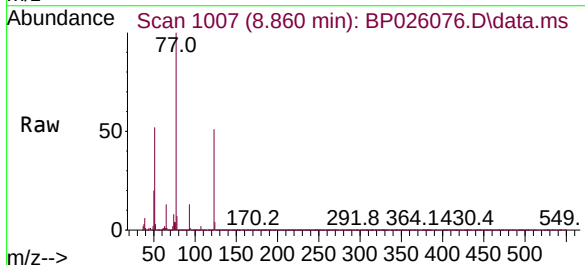
Manual Integrations
APPROVED

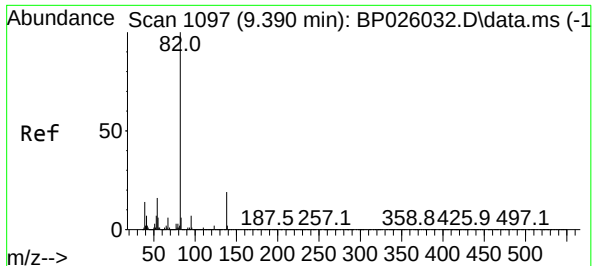
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#24
Nitrobenzene
Concen: 42.489 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

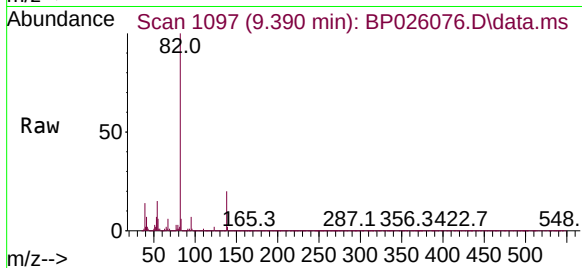
Tgt Ion: 77 Resp: 944717
Ion Ratio Lower Upper
77 100
123 50.7 39.0 58.4
65 13.3 10.9 16.3





#25
Isophorone
Concen: 42.702 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

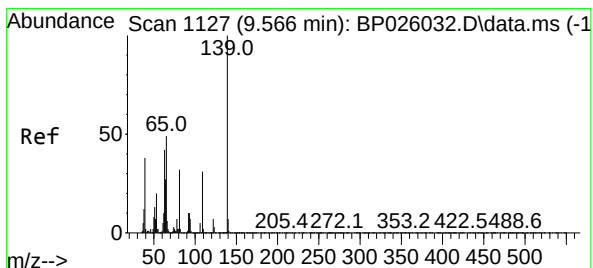
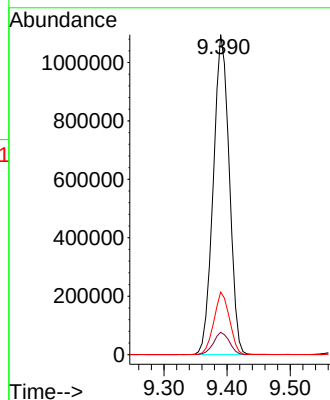
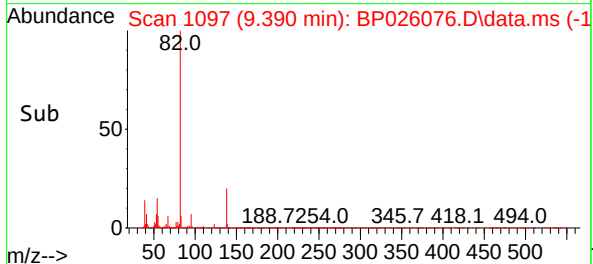
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 192474
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.6 15.0 22.6

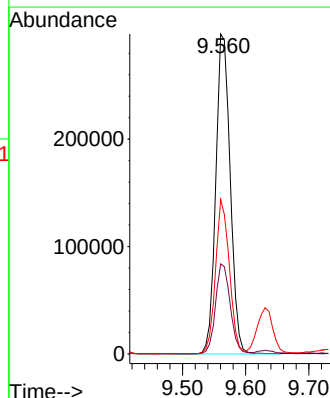
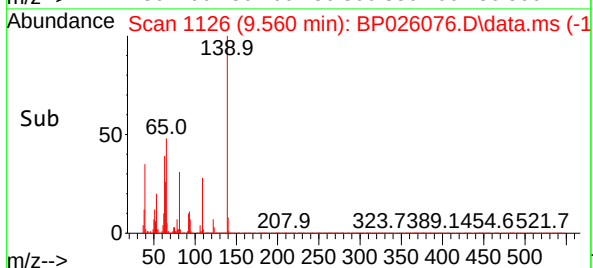
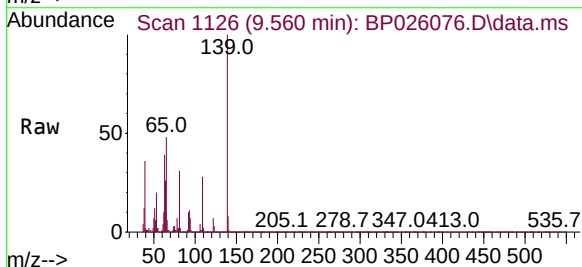
Manual Integrations
APPROVED

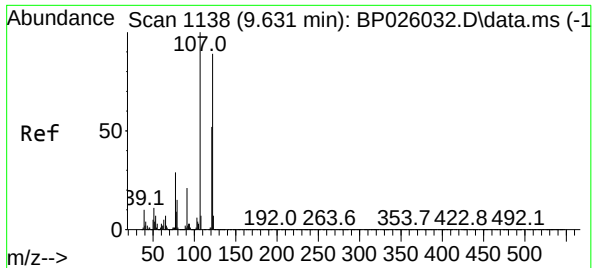
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 57.288 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

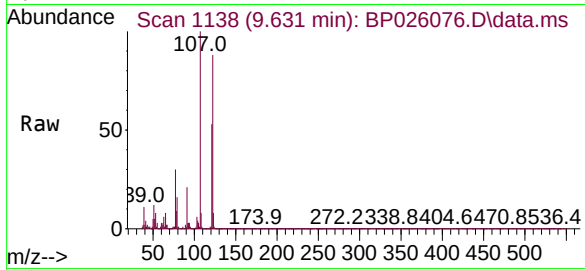
Tgt Ion:139 Resp: 473336
Ion Ratio Lower Upper
139 100
109 28.1 24.8 37.2
65 48.3 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 41.178 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

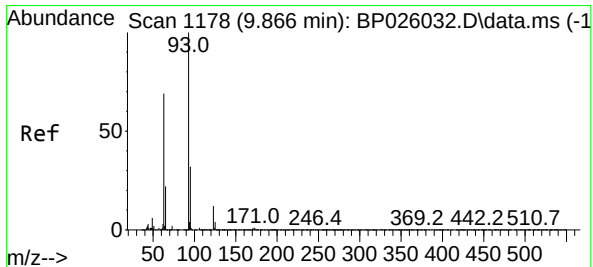
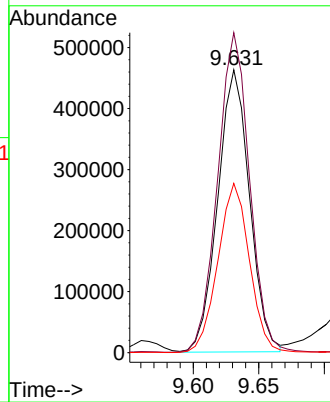
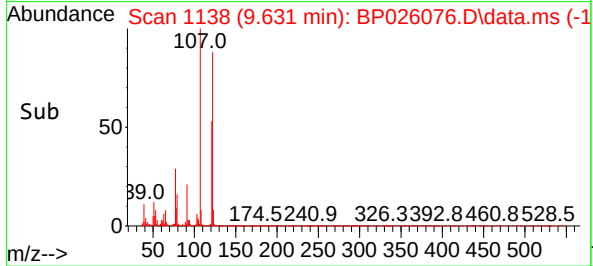
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



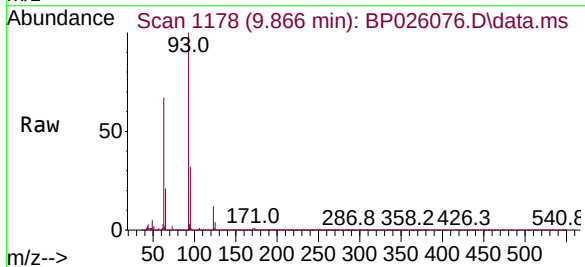
Tgt Ion: 122 Resp: 780509
Ion Ratio Lower Upper
122 100
107 113.2 89.2 133.8
121 59.8 46.3 69.5

Manual Integrations
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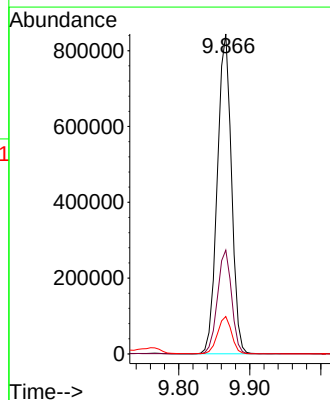
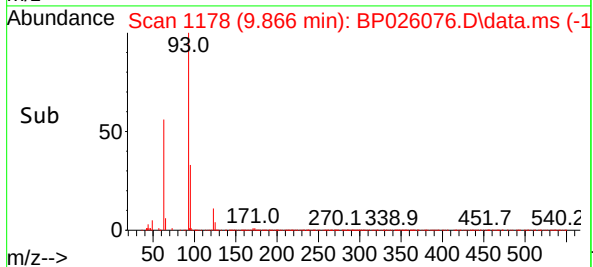
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

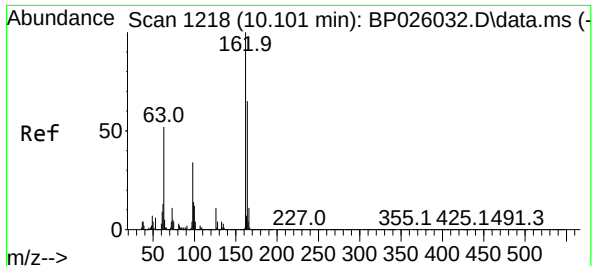


#28
bis(2-Chloroethoxy)methane
Concen: 41.192 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



Tgt Ion: 93 Resp: 1170121
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 11.7 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 44.521 ng
RT: 10.107 min Scan# 1218
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

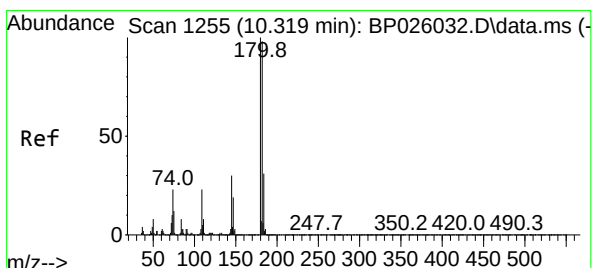
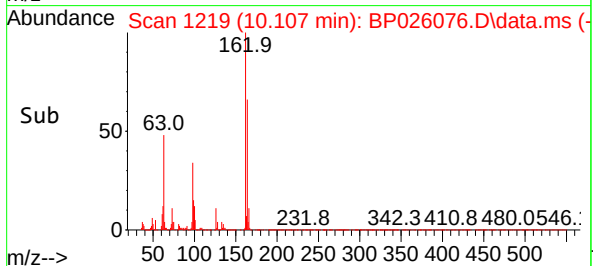
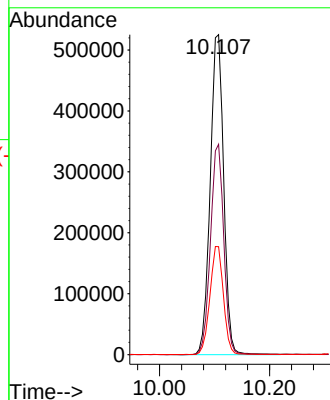
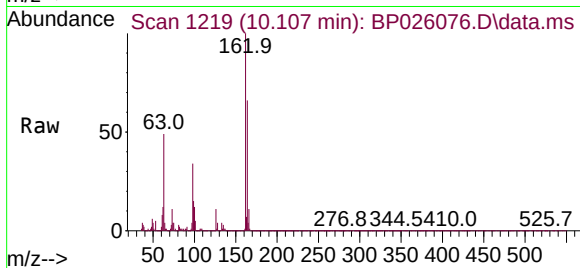
SSTDCCC040

Tgt Ion:162 Resp: 891026
Ion Ratio Lower Upper
162 100
164 65.7 44.6 84.6
98 33.7 14.0 54.0

Manual Integrations

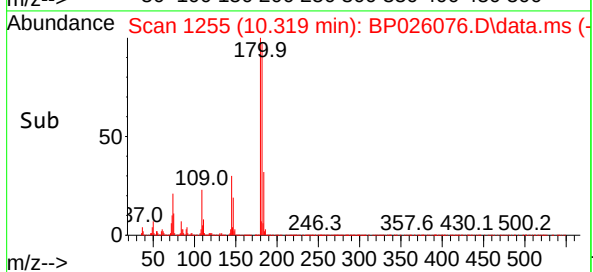
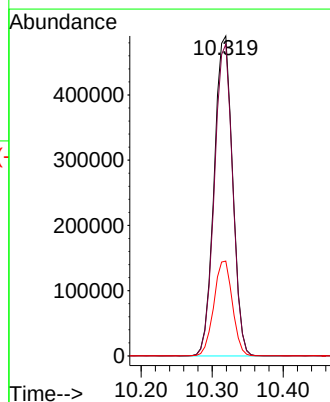
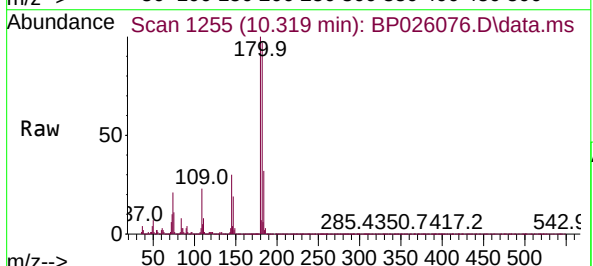
APPROVED

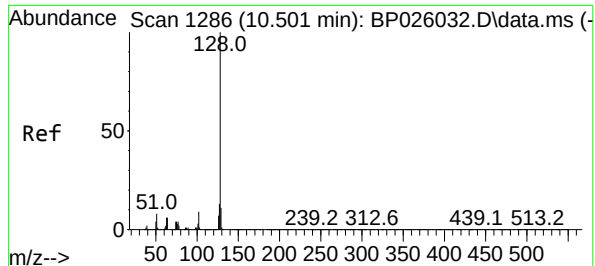
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 40.751 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

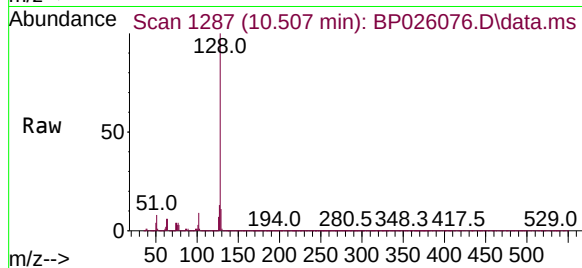
Tgt Ion:180 Resp: 886448
Ion Ratio Lower Upper
180 100
182 97.4 78.6 117.8
145 29.6 24.2 36.4





#31
Naphthalene
Concen: 40.013 ng
RT: 10.507 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

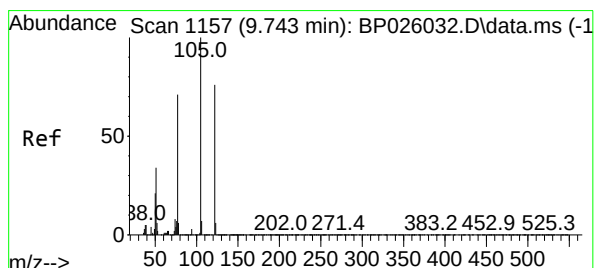
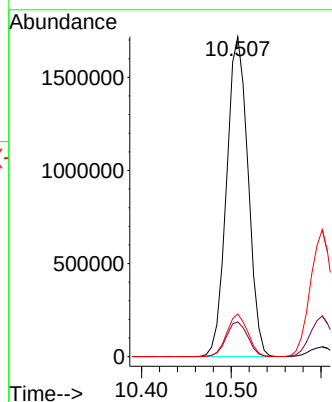
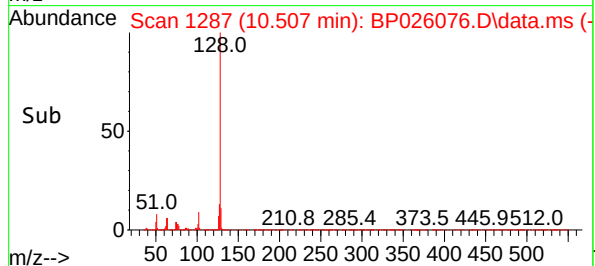
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2864494
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.5 15.7

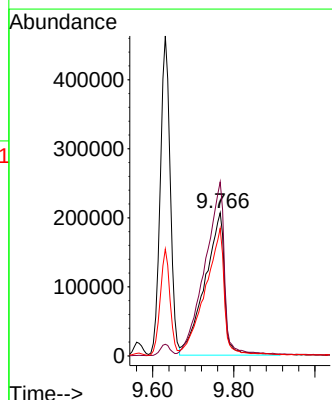
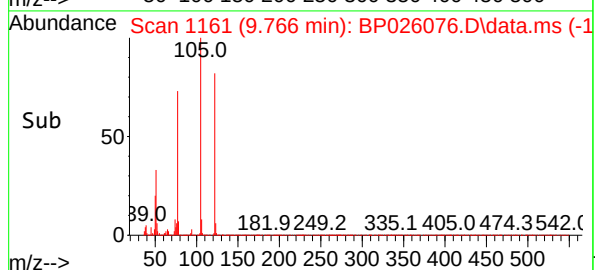
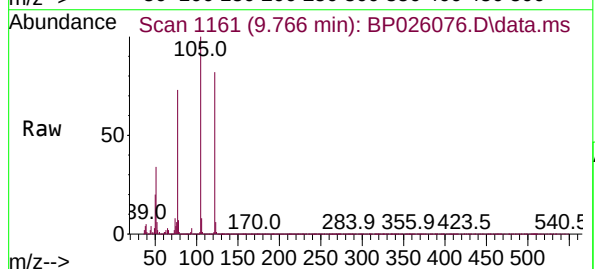
Manual Integrations
APPROVED

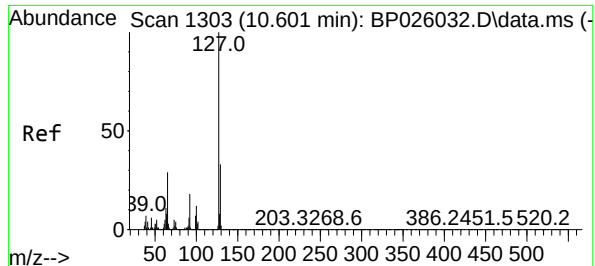
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 56.811 ng m
RT: 9.766 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion:122 Resp: 695488
Ion Ratio Lower Upper
122 100
105 121.5 104.8 144.8
77 89.1 70.9 110.9





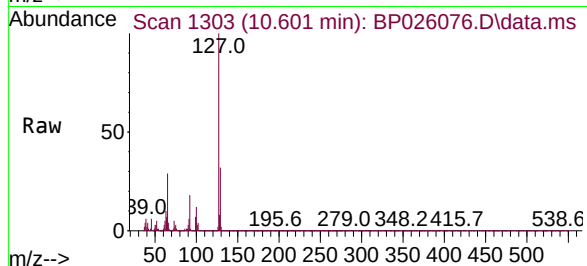
#33
4-Chloroaniline
Concen: 41.880 ng
RT: 10.601 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



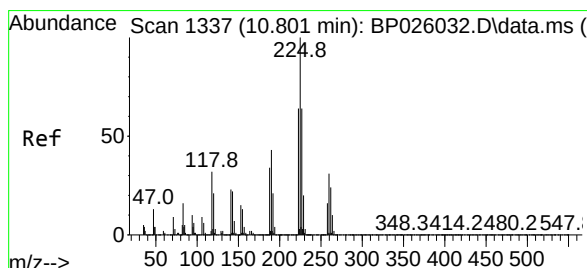
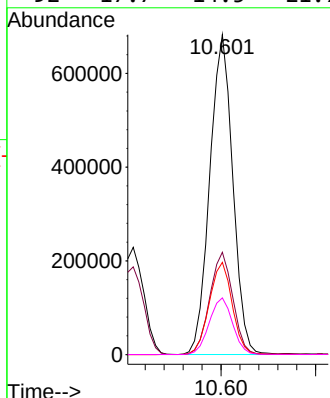
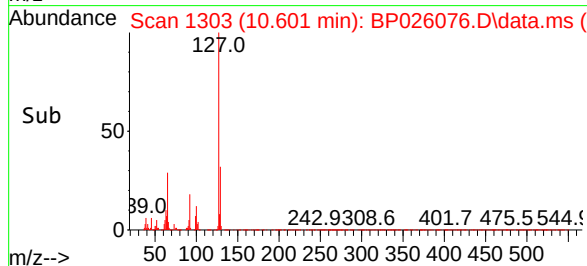
Tgt Ion:127 Resp: 1152089
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 28.8 23.2 34.8
92 17.7 14.5 21.7

Manual Integrations

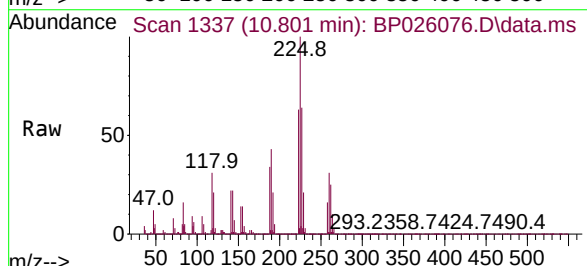
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

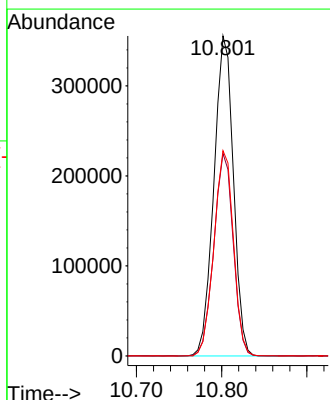
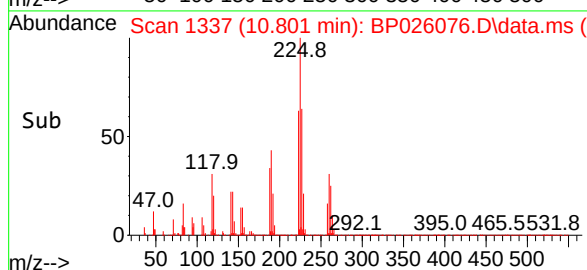
Supervised By :Jagrut Upadhyay 11/10/2025

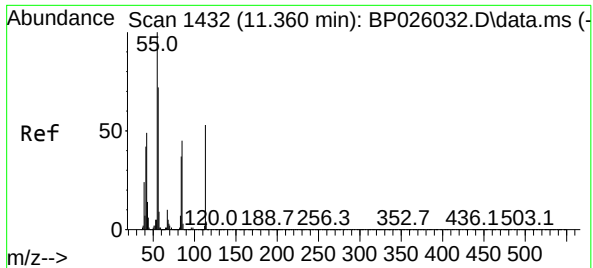


#34
Hexachlorobutadiene
Concen: 40.824 ng
RT: 10.801 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



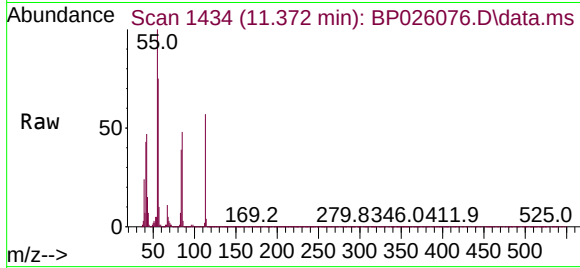
Tgt Ion:225 Resp: 564331
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 64.1 51.0 76.4





#35
Caprolactam
Concen: 47.099 ng
RT: 11.372 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

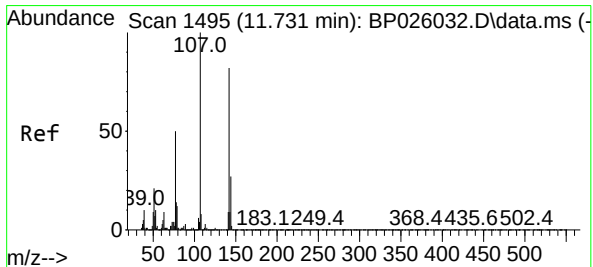
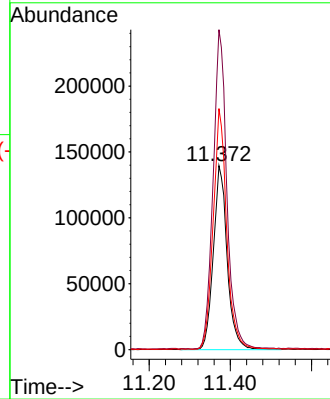
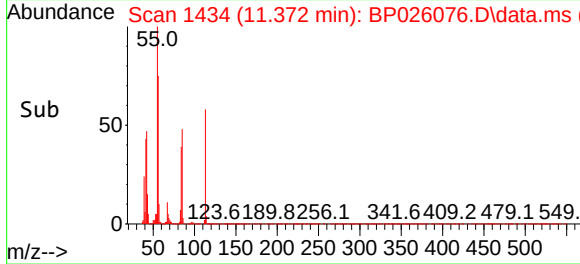
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 331015
Ion Ratio Lower Upper
113 100
55 173.9 169.9 209.9
56 131.0 116.7 156.7

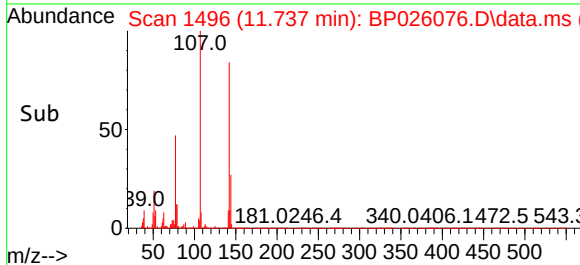
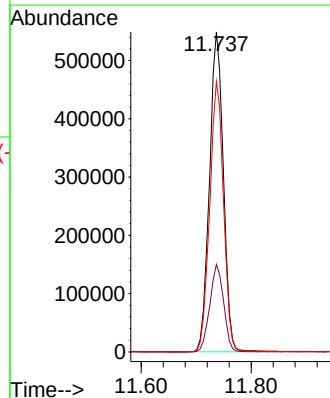
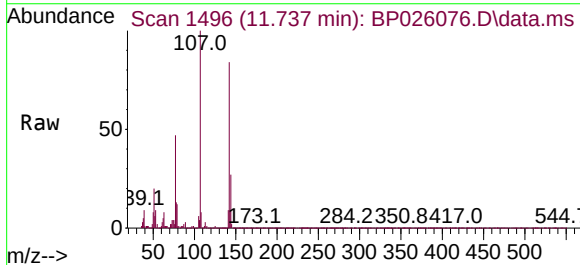
Manual Integrations
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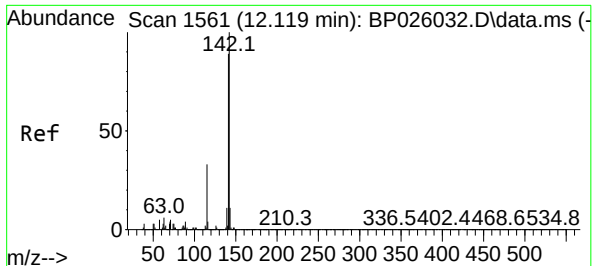
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#36
4-Chloro-3-methylphenol
Concen: 45.979 ng
RT: 11.737 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion:107 Resp: 964629
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 84.5 65.2 97.8





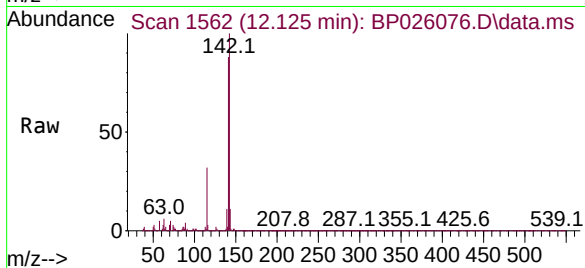
#37
2-Methylnaphthalene
Concen: 41.848 ng
RT: 12.125 min Scan# 1562
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

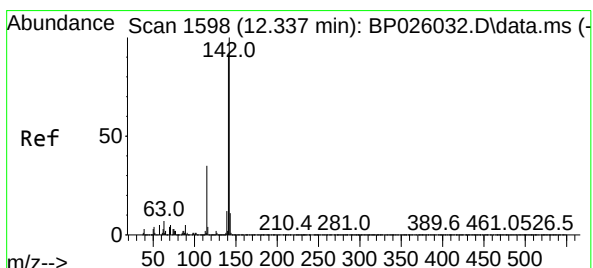
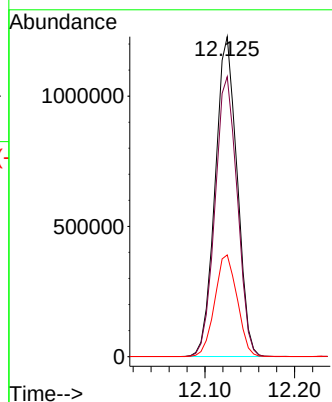


Tgt Ion:142 Resp: 2096803
Ion Ratio Lower Upper
142 100
141 87.5 71.6 107.4
115 31.8 26.6 39.8

Manual Integrations

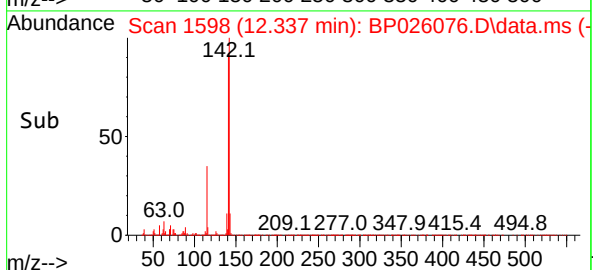
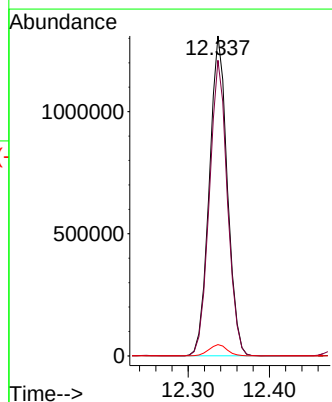
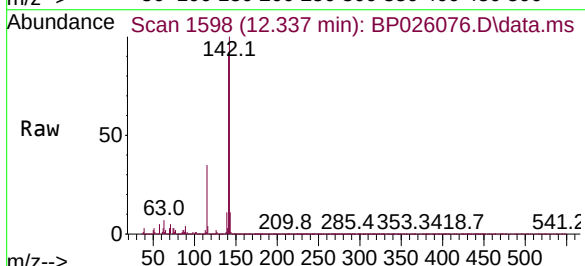
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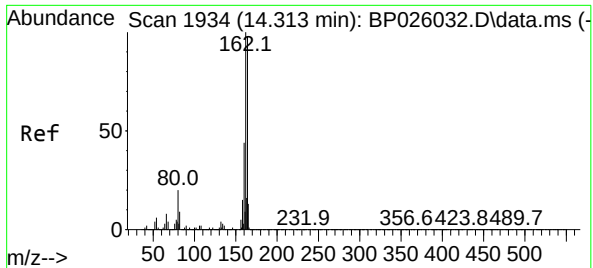
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#38
1-Methylnaphthalene
Concen: 41.569 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion:142 Resp: 2023436
Ion Ratio Lower Upper
142 100
141 92.4 72.7 109.1
116 3.5 2.9 4.3





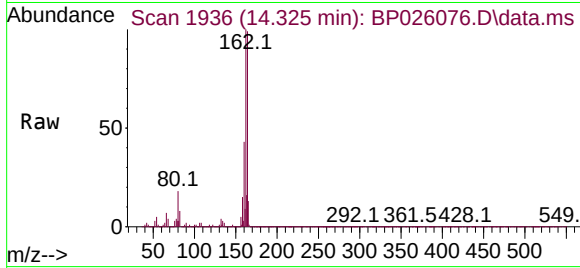
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

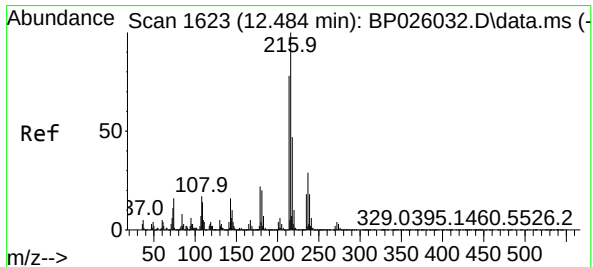
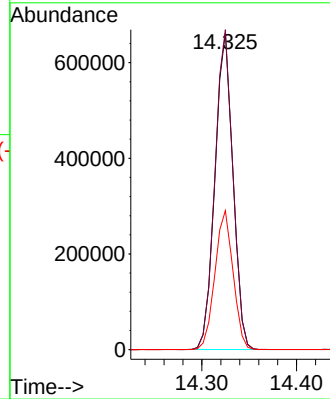
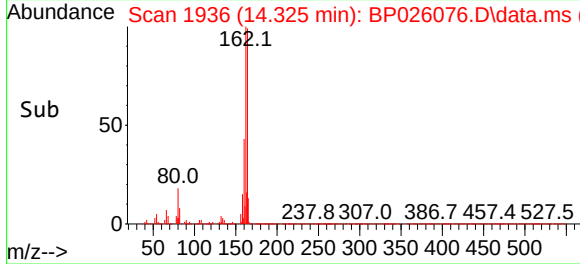


Tgt Ion:164 Resp: 873597
Ion Ratio Lower Upper
164 100
162 101.0 81.5 122.3
160 43.9 36.2 54.4

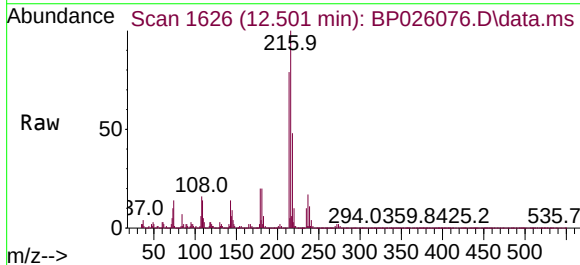
Manual Integrations

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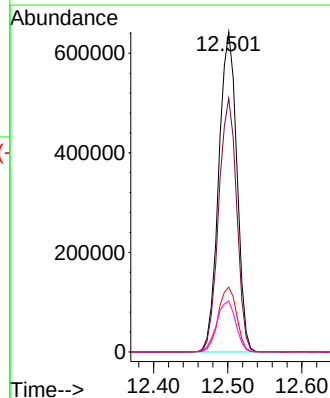
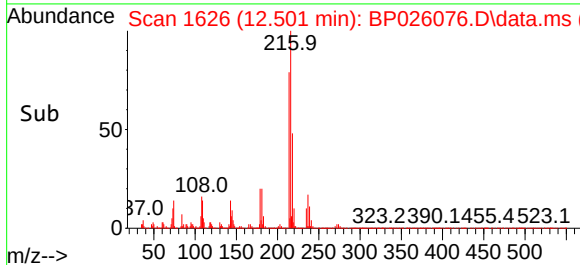
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

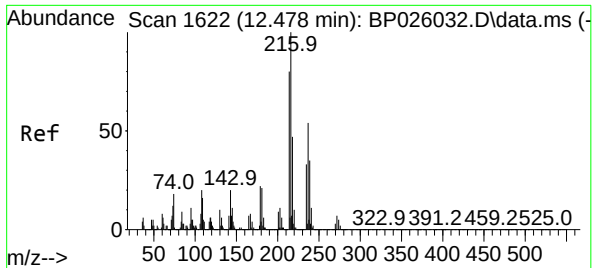


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.053 ng
RT: 12.501 min Scan# 1626
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



Tgt Ion:216 Resp: 1087205
Ion Ratio Lower Upper
216 100
214 78.7 62.9 94.3
179 20.4 16.9 25.3
108 16.9 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 49.229 ng

RT: 12.484 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 488914

Ion Ratio Lower Upper

237 100

235 63.1 40.4 80.4

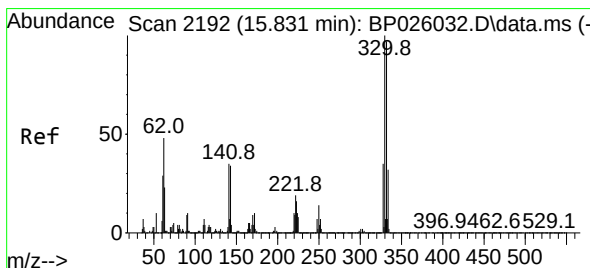
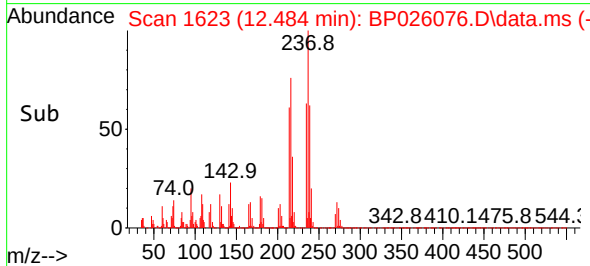
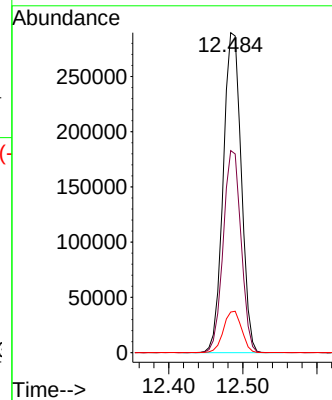
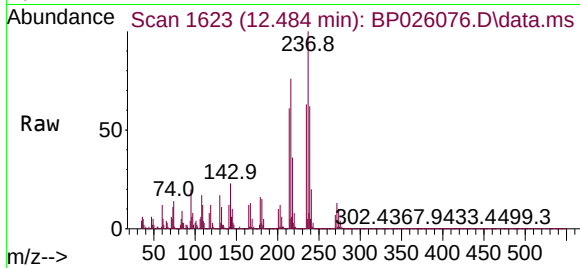
272 12.7 0.0 32.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#42

2,4,6-Tribromophenol

Concen: 99.438 ng

RT: 15.836 min Scan# 2193

Delta R.T. 0.006 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

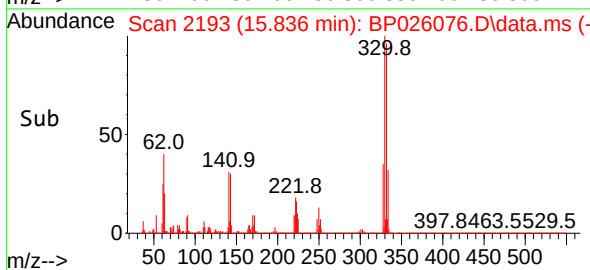
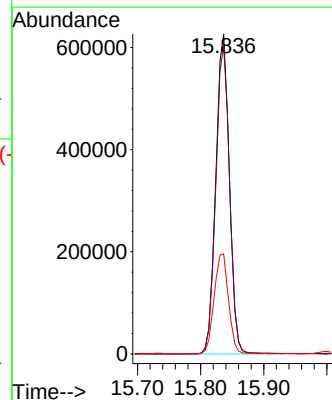
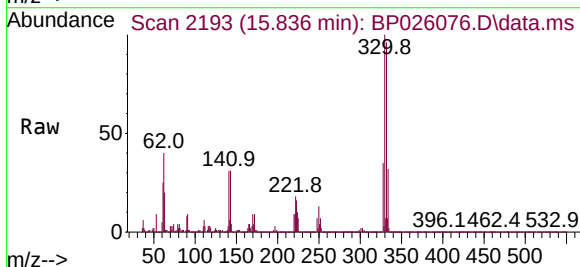
Tgt Ion:330 Resp: 939137

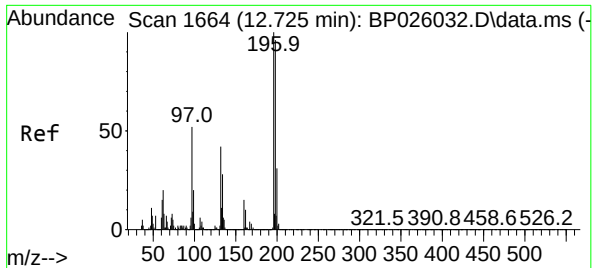
Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 32.9 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 46.922 ng

RT: 12.737 min Scan# 1666

Delta R.T. 0.012 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 752822

Ion Ratio Lower Upper

196 100

198 96.1 76.5 114.7

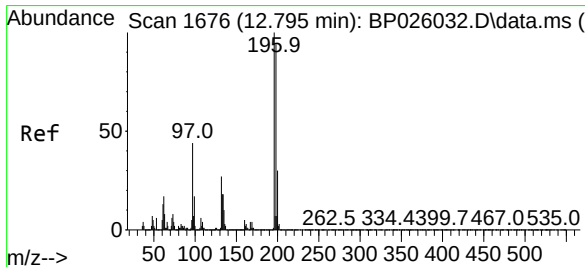
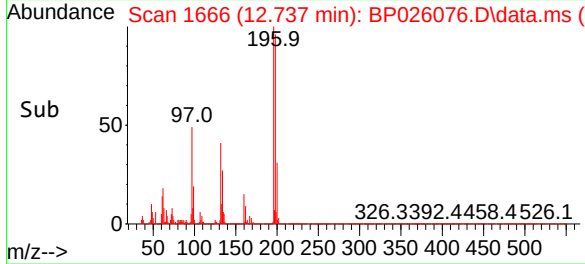
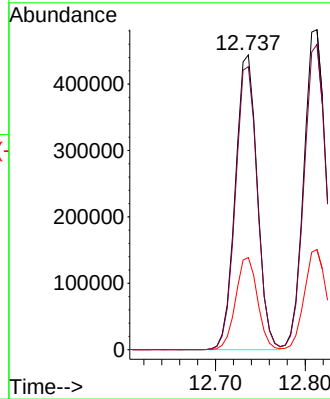
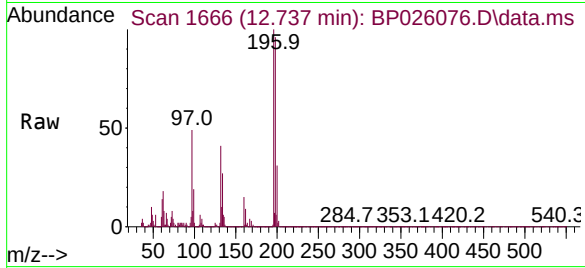
200 31.3 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#44

2,4,5-Trichlorophenol

Concen: 45.337 ng

RT: 12.813 min Scan# 1679

Delta R.T. 0.018 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Tgt Ion:196 Resp: 830001

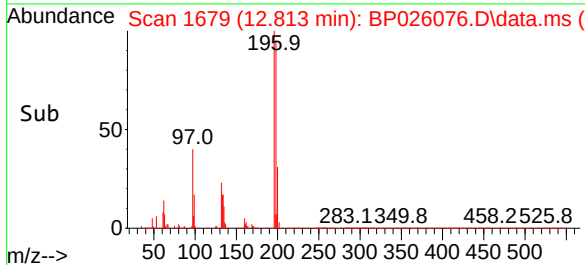
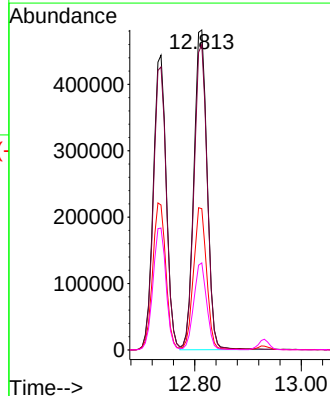
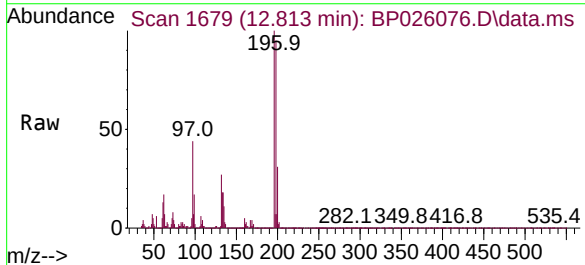
Ion Ratio Lower Upper

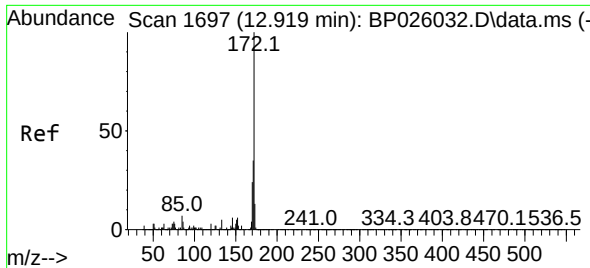
196 100

198 95.4 75.1 112.7

97 44.1 35.5 53.3

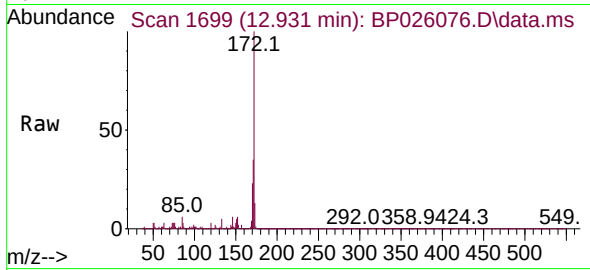
132 27.2 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 77.423 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

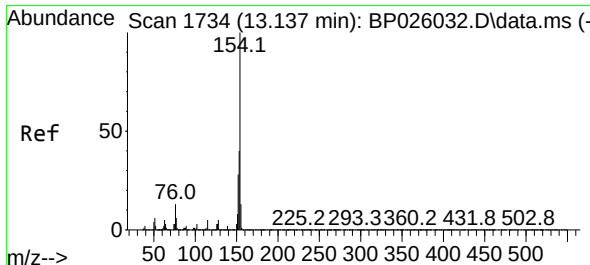
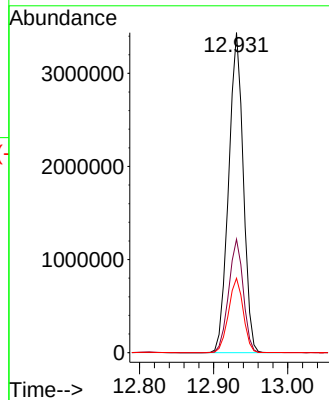
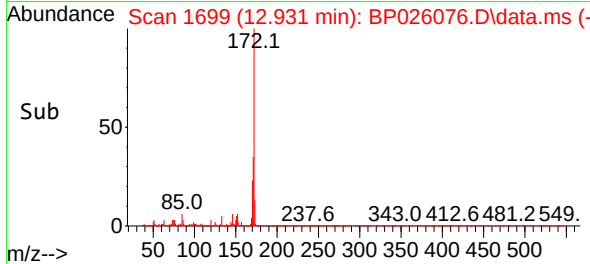
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



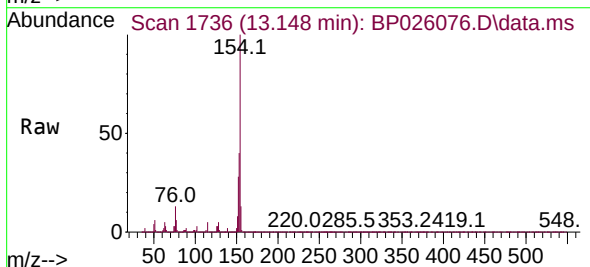
Tgt Ion:172 Resp: 4707010
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.2 19.0 28.4

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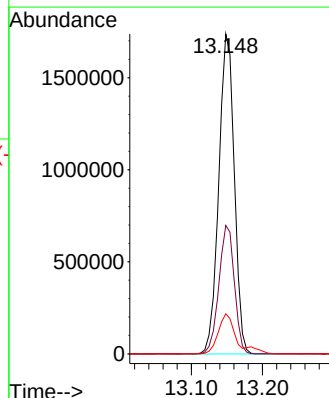
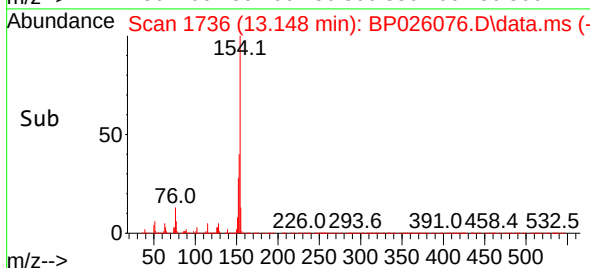
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

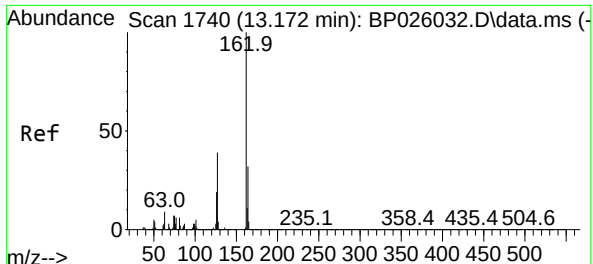


#46
1,1'-Biphenyl
Concen: 39.499 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



Tgt Ion:154 Resp: 2642130
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 12.5 0.0 32.8





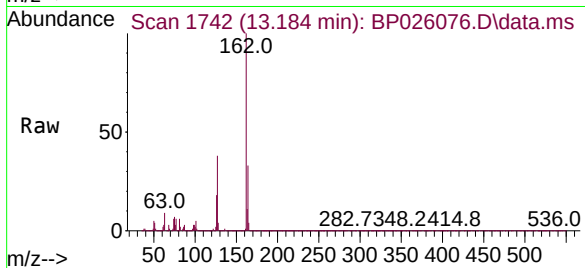
#47
2-Chloronaphthalene
Concen: 39.734 ng
RT: 13.184 min Scan# 1742
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



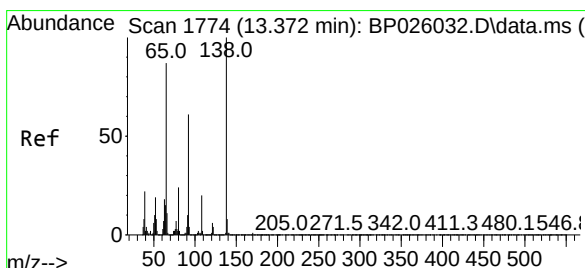
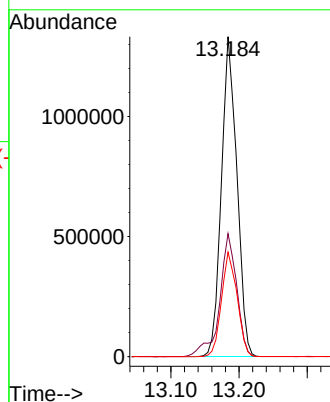
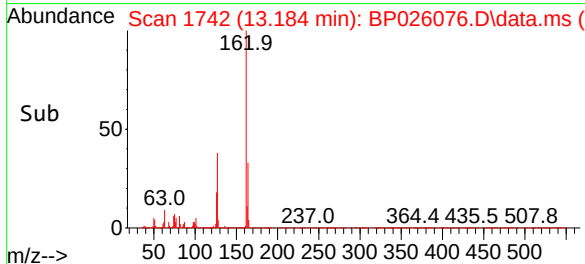
Tgt Ion:162 Resp: 209121
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 32.6 25.9 38.9

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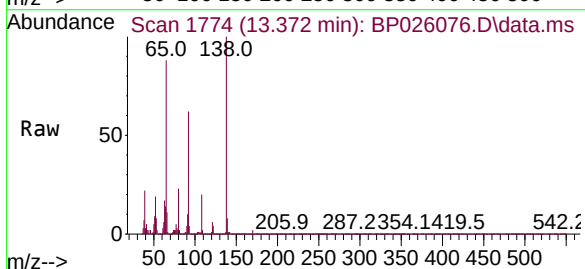
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

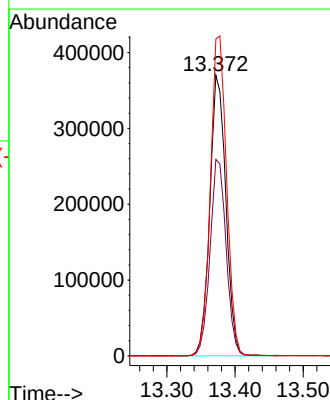
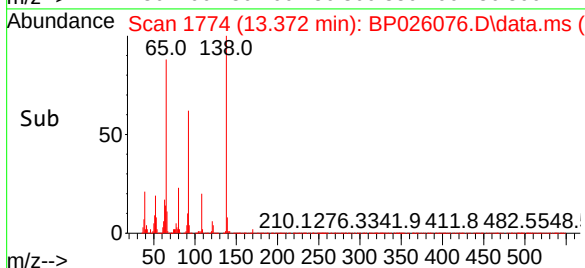
Supervised By :Jagrut Upadhyay 11/10/2025

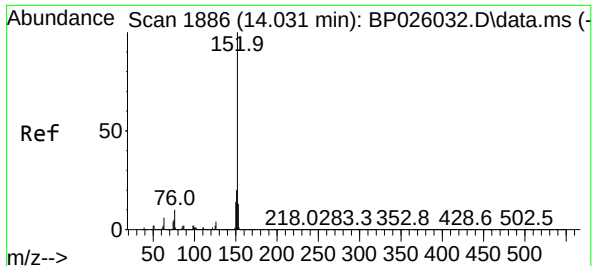


#48
2-Nitroaniline
Concen: 44.750 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



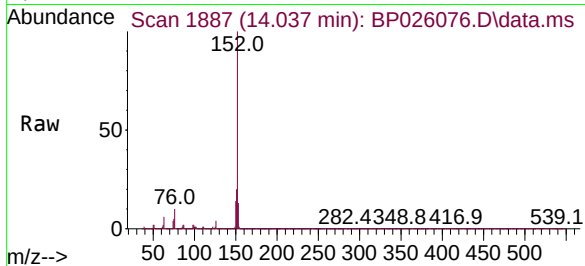
Tgt Ion: 65 Resp: 603262
Ion Ratio Lower Upper
65 100
92 70.0 55.5 83.3
138 113.0 91.7 137.5





#49
Acenaphthylene
Concen: 40.331 ng
RT: 14.037 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

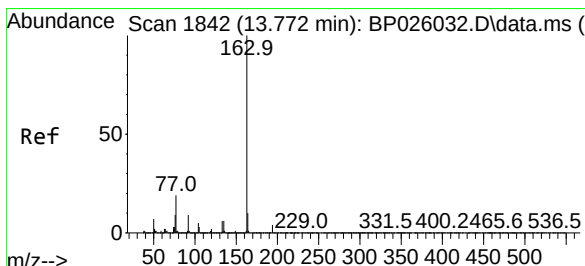
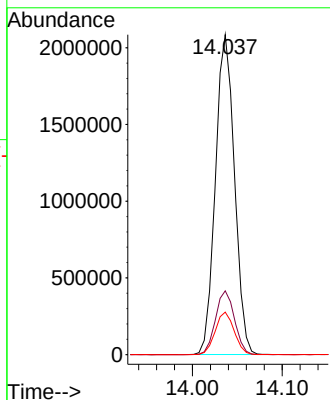
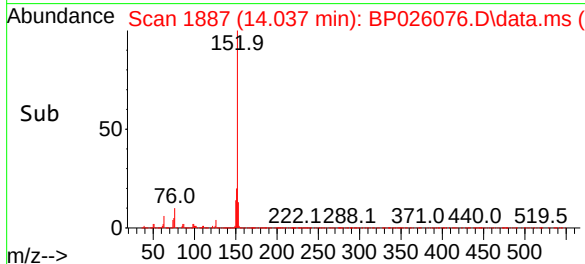
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



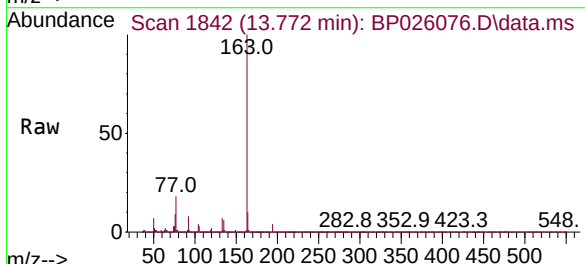
Tgt Ion:152 Resp: 3093728
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.6 16.0

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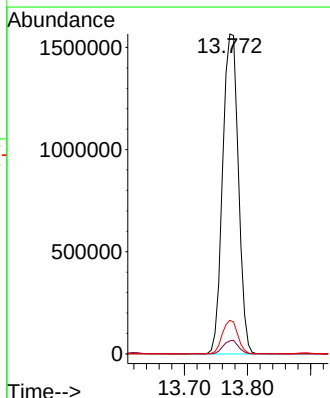
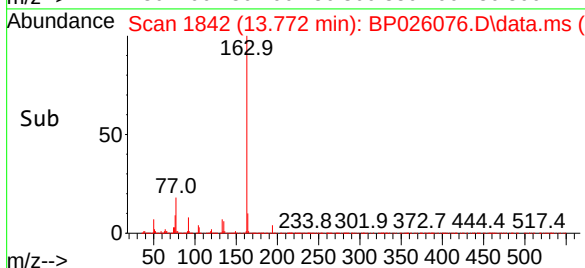
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

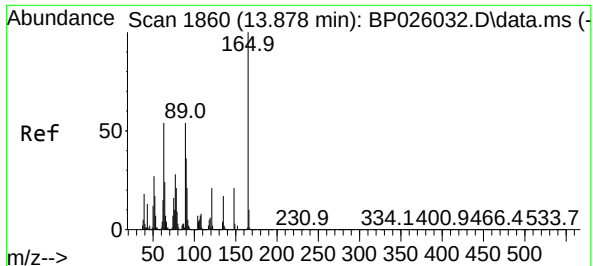


#50
Dimethylphthalate
Concen: 42.710 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



Tgt Ion:163 Resp: 2713959
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 8.2 12.2





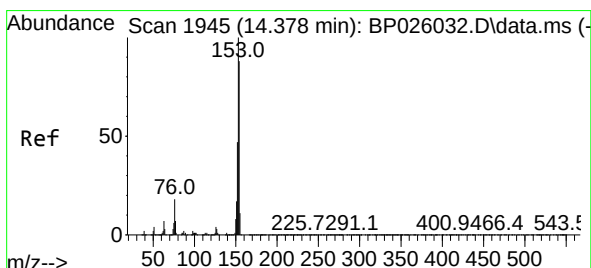
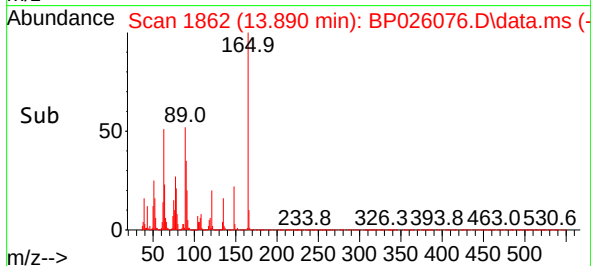
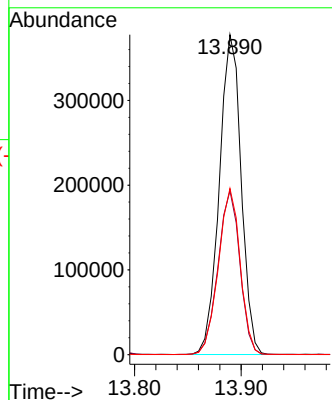
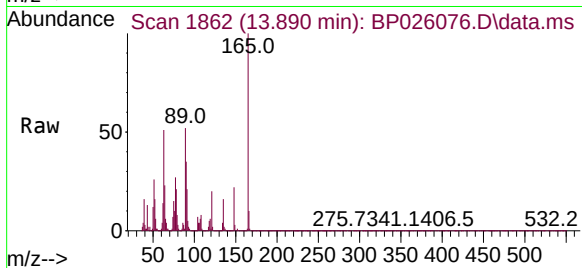
#51
2,6-Dinitrotoluene
Concen: 45.582 ng
RT: 13.890 min Scan# 1860
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 538902
Ion Ratio Lower Upper
165 100
63 51.2 43.0 64.4
89 51.9 43.0 64.4

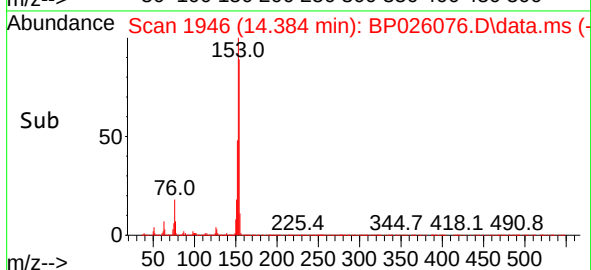
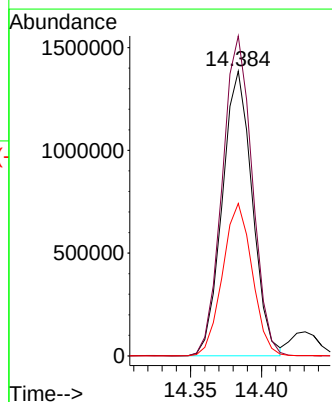
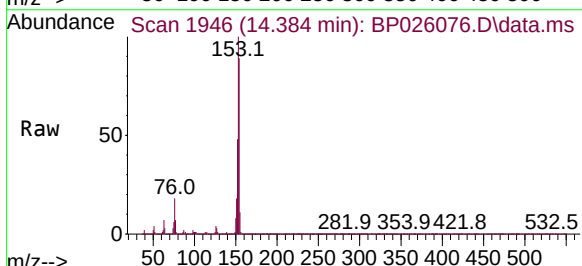
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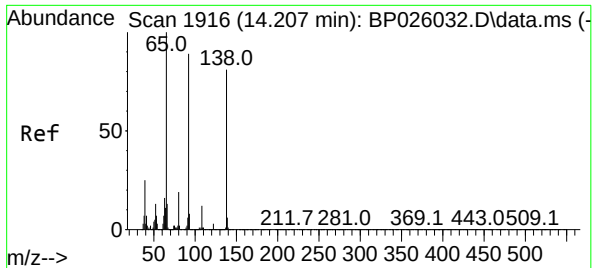
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#52
Acenaphthene
Concen: 38.666 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

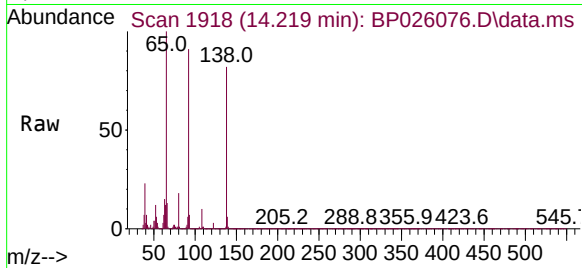
Tgt Ion:154 Resp: 2036201
Ion Ratio Lower Upper
154 100
153 112.4 91.0 136.4
152 53.5 42.7 64.1





#53
3-Nitroaniline
Concen: 44.369 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

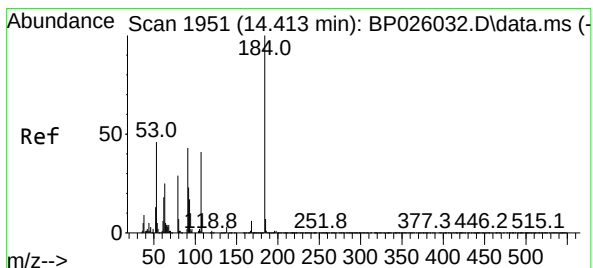
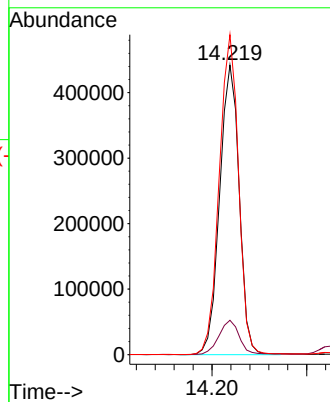
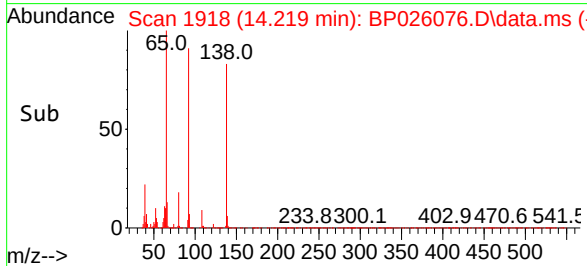
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 632150
Ion Ratio Lower Upper
138 100
108 11.8 11.4 17.0
92 110.5 87.1 130.7

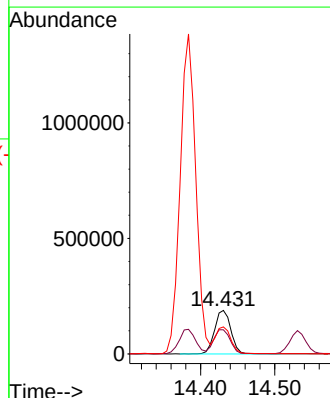
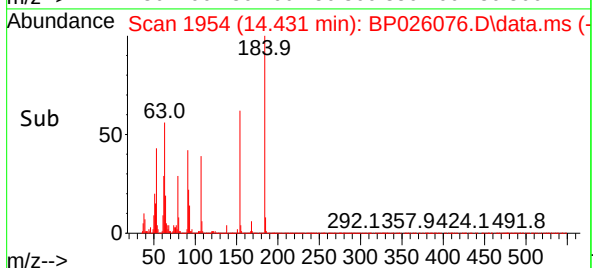
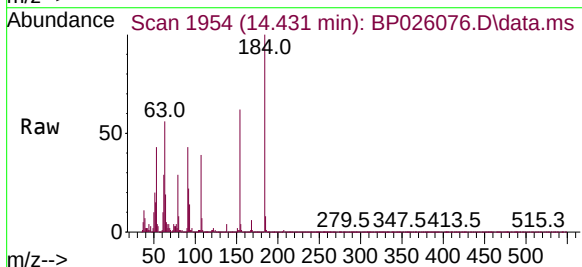
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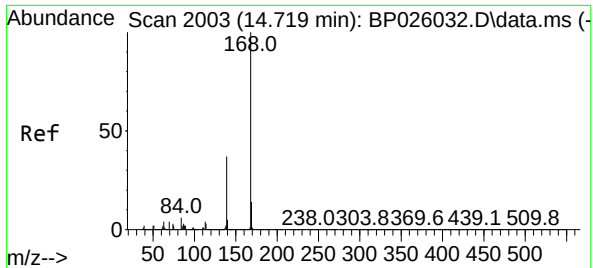
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 58.251 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion:184 Resp: 285649
Ion Ratio Lower Upper
184 100
63 55.6 49.0 73.4
154 62.2 51.0 76.6





#55

Dibenzofuran

Concen: 39.688 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 3157740

Ion Ratio Lower Upper

168 100

139 36.6 29.7 44.5

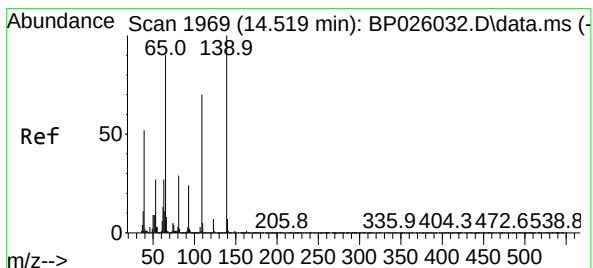
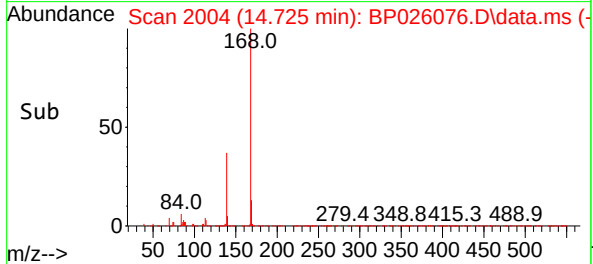
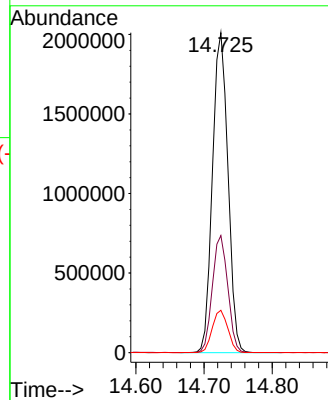
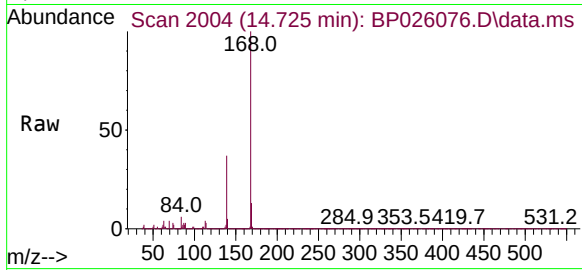
169 13.2 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#56

4-Nitrophenol

Concen: 44.118 ng

RT: 14.531 min Scan# 1971

Delta R.T. 0.012 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

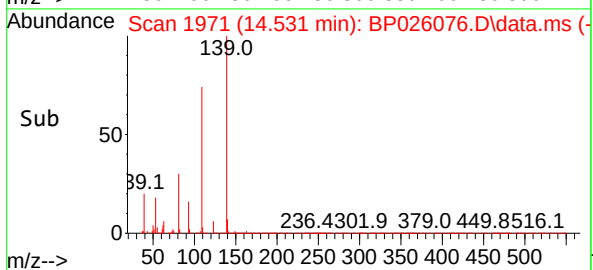
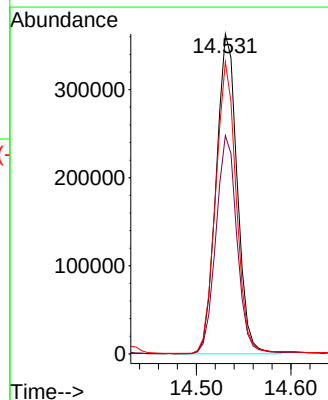
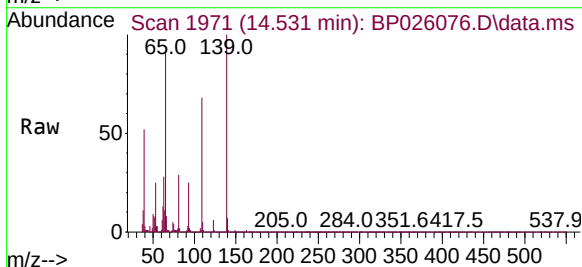
Tgt Ion:139 Resp: 559018

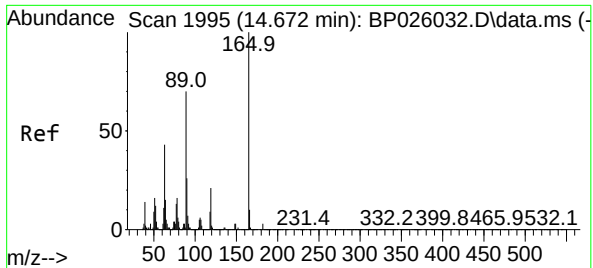
Ion Ratio Lower Upper

139 100

109 68.2 50.0 90.0

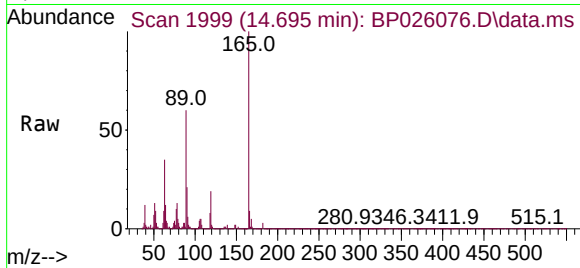
65 91.3 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 45.938 ng
RT: 14.695 min Scan# 1999
Delta R.T. 0.017 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

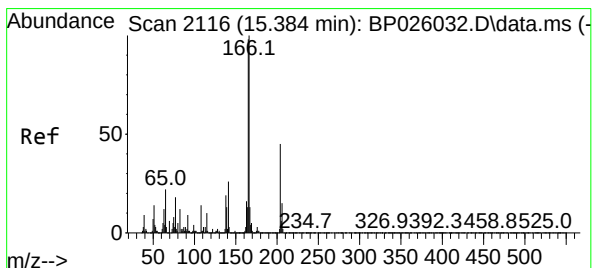
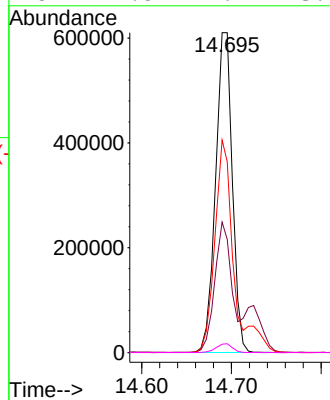
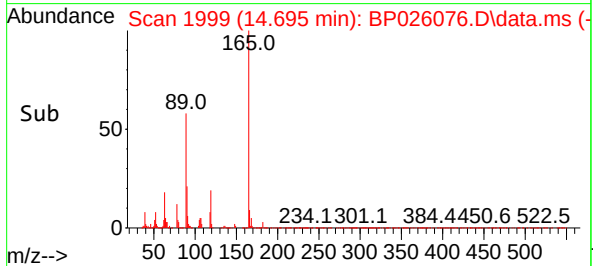
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 798216
Ion Ratio Lower Upper
165 100
63 35.4 34.2 51.2
89 59.6 56.0 84.0
182 2.8 2.2 3.2

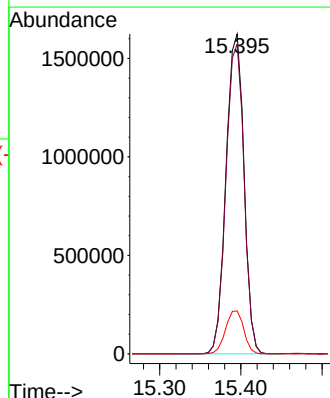
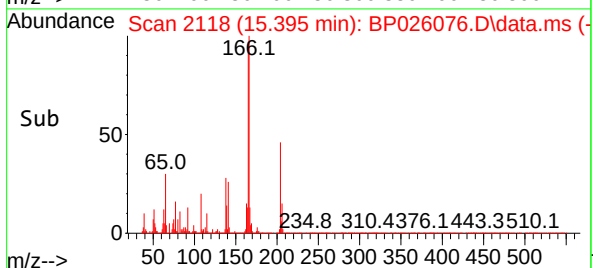
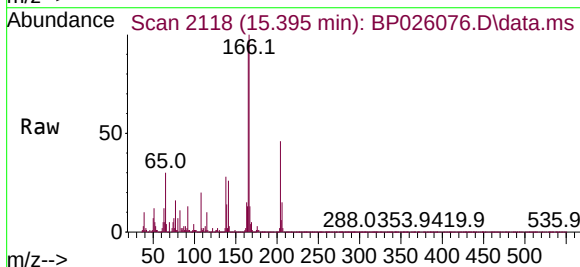
Manual Integrations
APPROVED

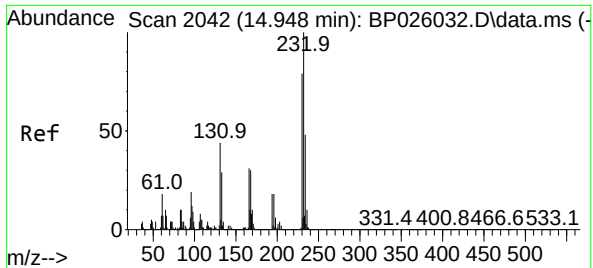
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#58
Fluorene
Concen: 39.967 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

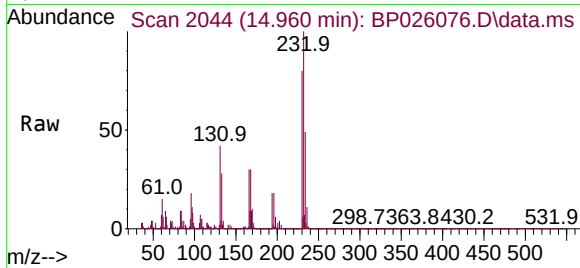
Tgt Ion:166 Resp: 2491275
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.851 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

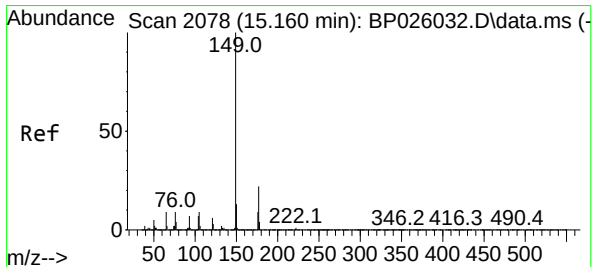
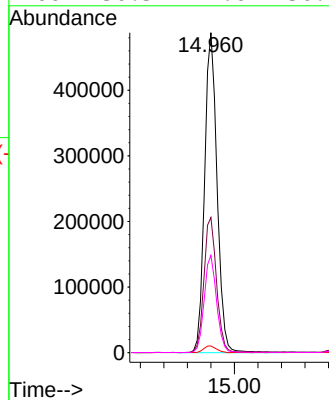
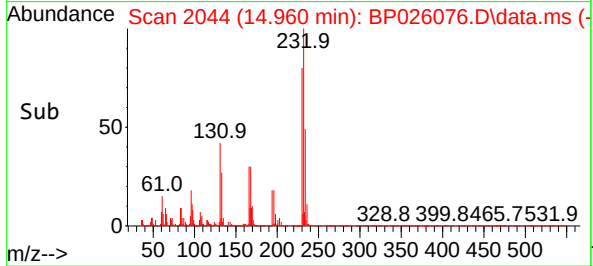
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 717565
Ion Ratio Lower Upper
232 100
131 42.7 35.2 52.8
130 2.1 1.7 2.5
166 30.3 24.6 36.8

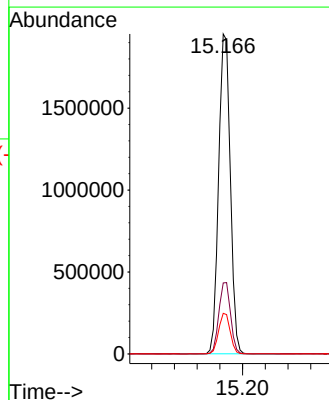
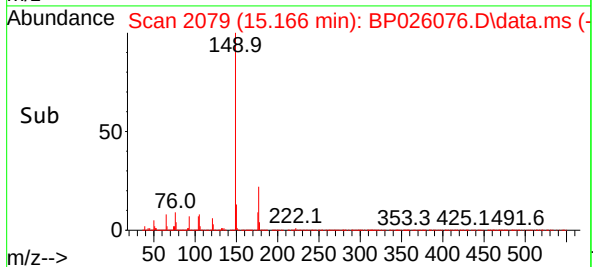
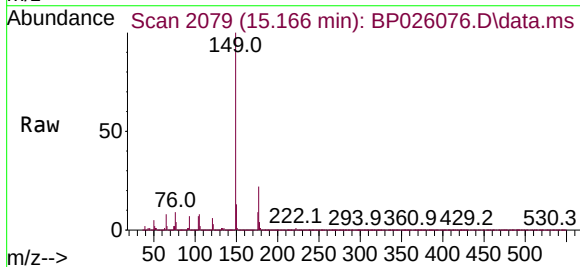
Manual Integrations
APPROVED

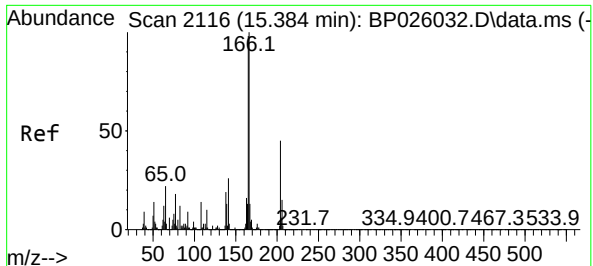
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#60
Diethylphthalate
Concen: 43.300 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

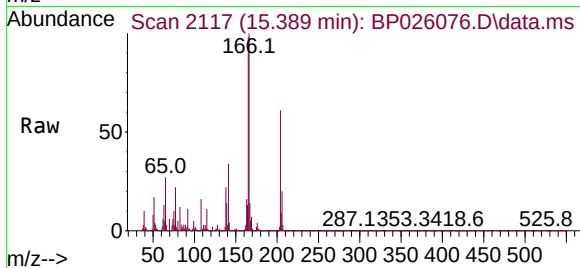
Tgt Ion:149 Resp: 2766137
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.144 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

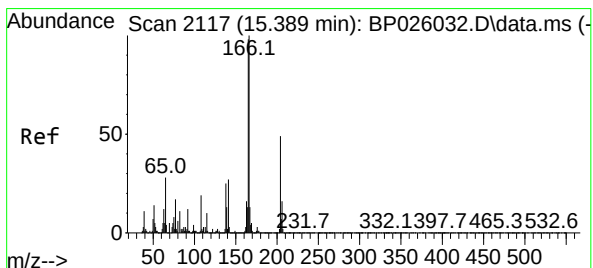
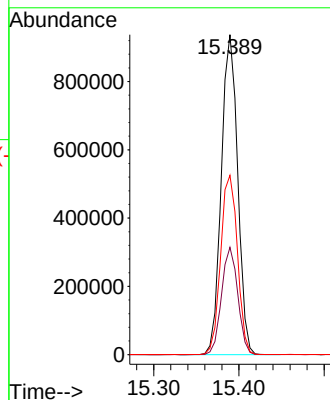
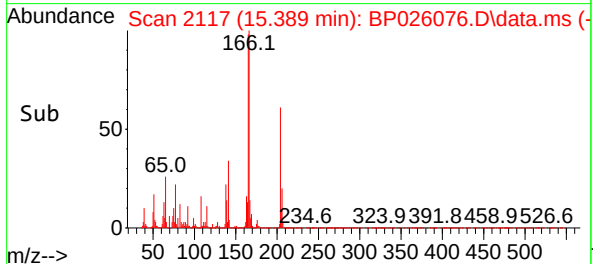
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 204 Resp: 1249593
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 56.0 47.0 70.4

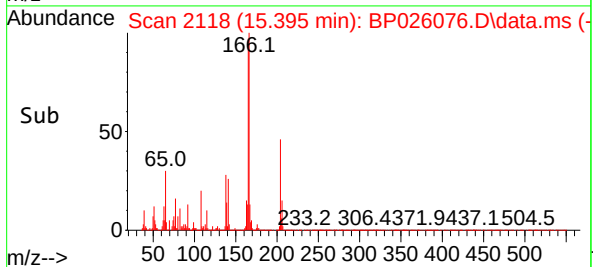
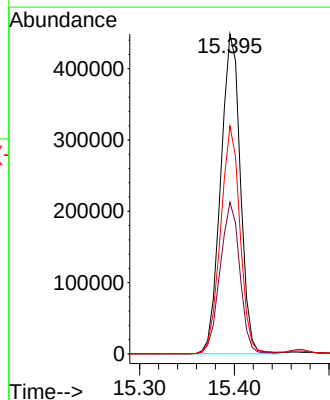
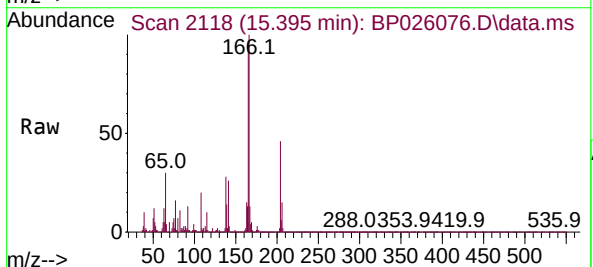
Manual Integrations
APPROVED

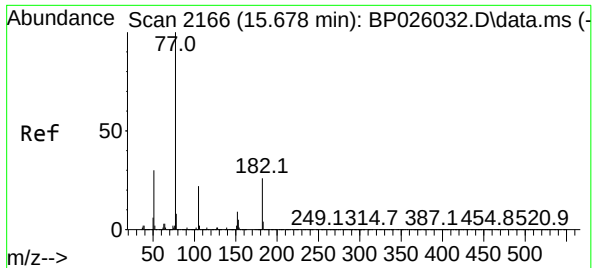
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#62
4-Nitroaniline
Concen: 47.630 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

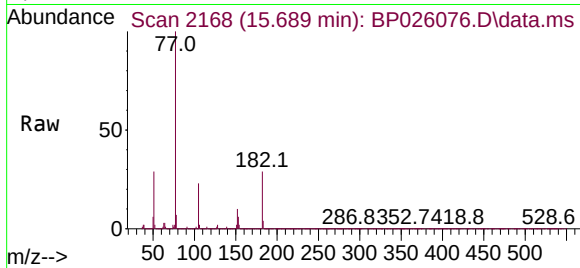
Tgt Ion: 138 Resp: 646745
Ion Ratio Lower Upper
138 100
92 47.4 28.2 68.2
108 71.2 56.0 96.0





#63
Azobenzene
Concen: 39.832 ng
RT: 15.689 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

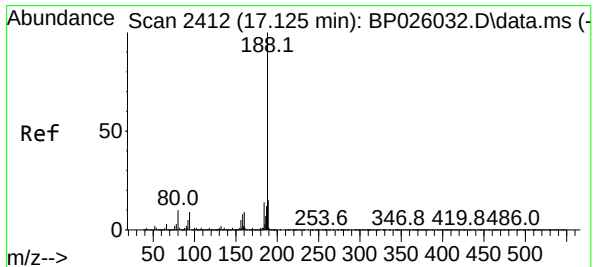
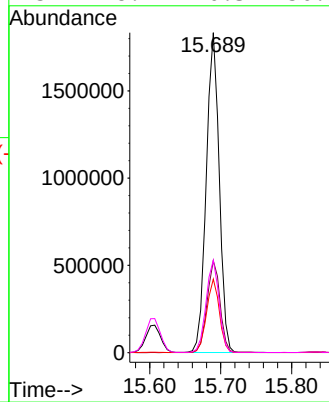
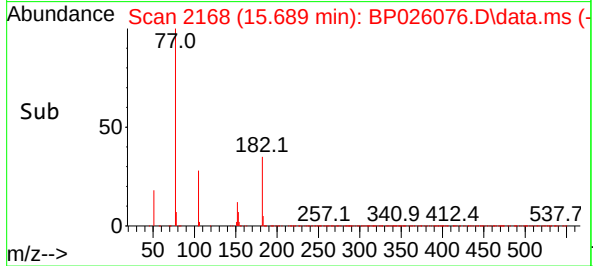
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



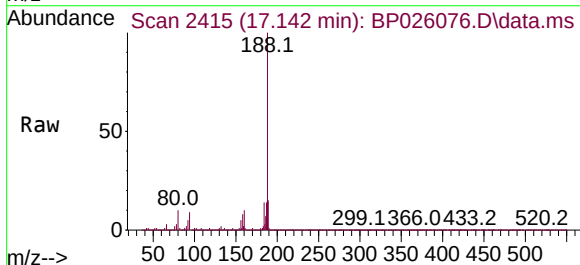
Tgt Ion: 77 Resp: 230611
Ion Ratio Lower Upper
77 100
182 28.7 6.4 46.4
105 23.0 2.2 42.2
51 28.9 10.3 50.3

Manual Integrations
APPROVED

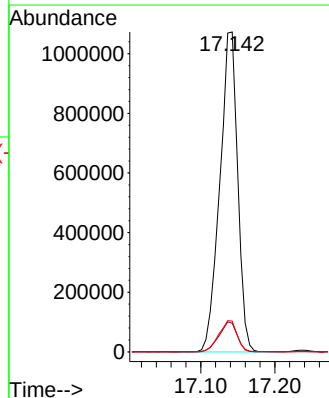
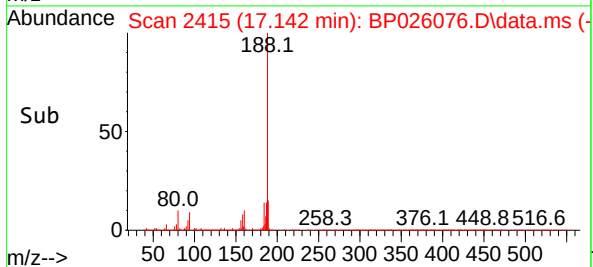
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

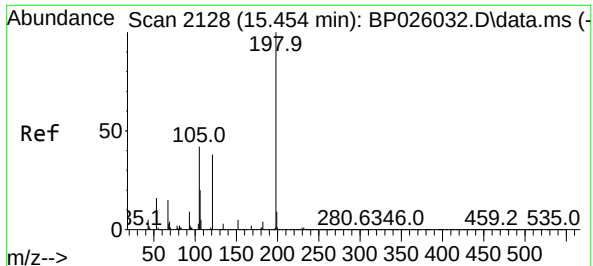


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.018 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



Tgt Ion:188 Resp: 1797854
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.6 7.9 11.9





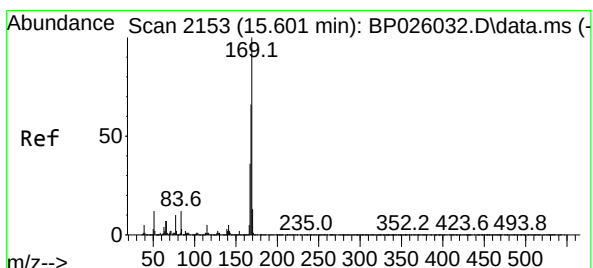
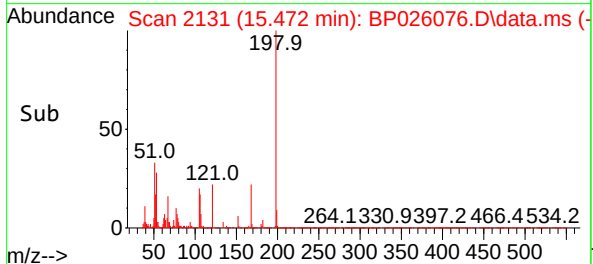
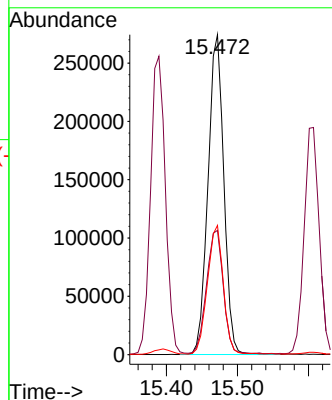
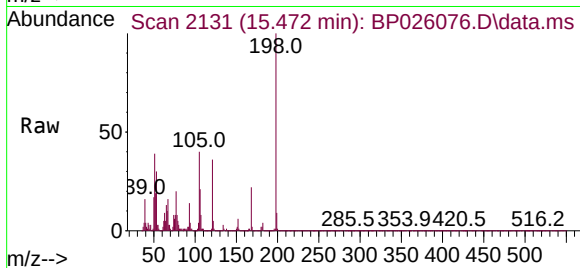
#65
4,6-Dinitro-2-methylphenol
Concen: 55.466 ng
RT: 15.472 min Scan# 2128
Delta R.T. 0.018 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 423210
Ion Ratio Lower Upper
198 100
51 38.8 25.2 65.2
105 40.4 23.7 63.7

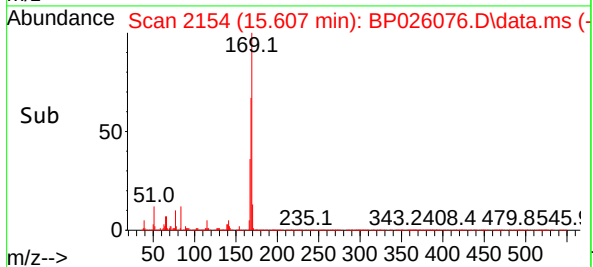
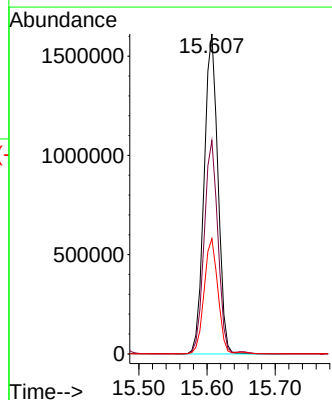
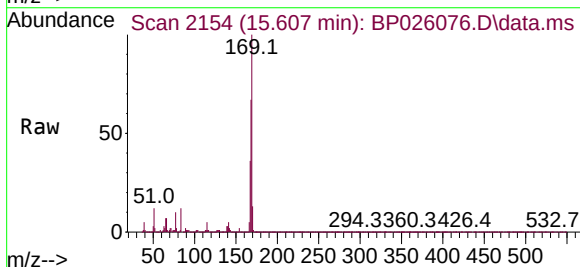
Manual Integrations
APPROVED

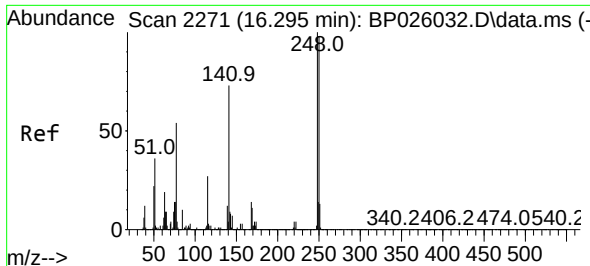
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#66
n-Nitrosodiphenylamine
Concen: 40.304 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

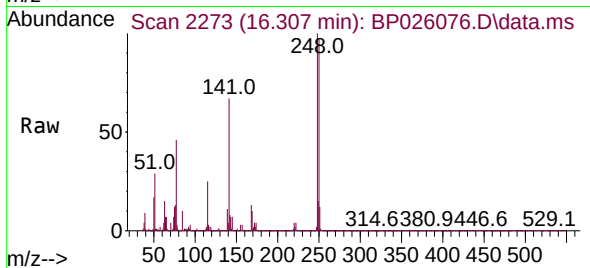
Tgt Ion:169 Resp: 2265581
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.144 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

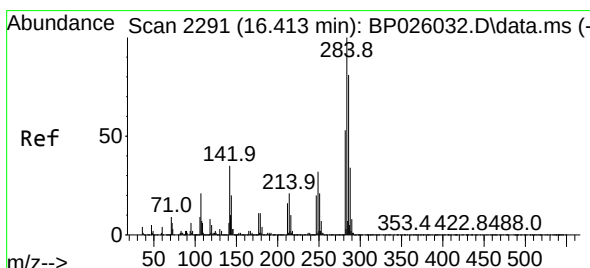
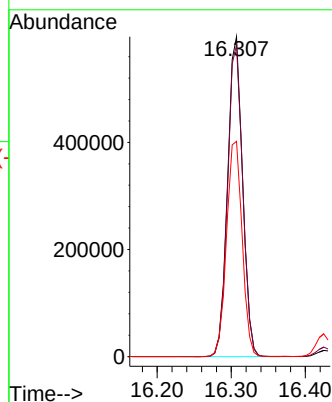
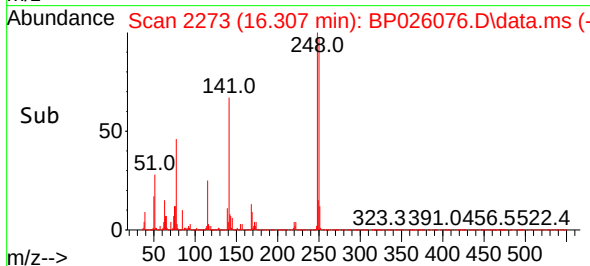
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 840472
Ion Ratio Lower Upper
248 100
250 97.4 78.4 117.6
141 67.3 58.3 87.5

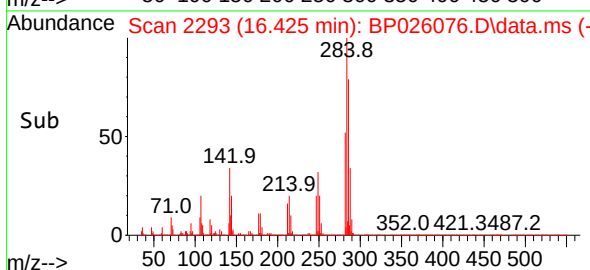
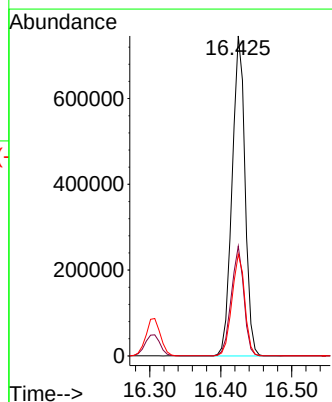
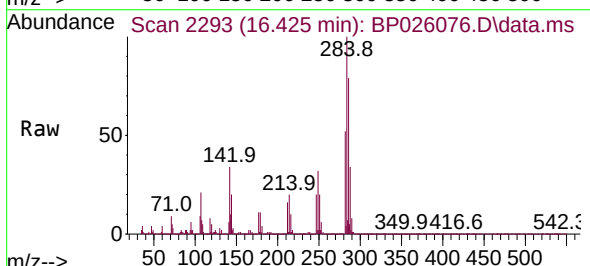
Manual Integrations
APPROVED

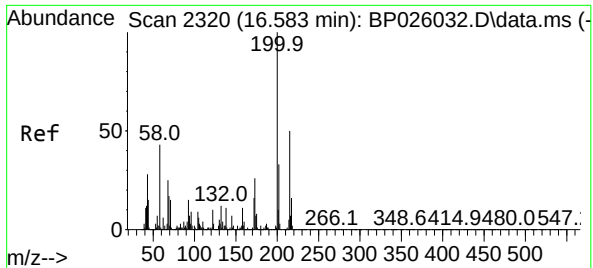
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#68
Hexachlorobenzene
Concen: 41.596 ng
RT: 16.425 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion:284 Resp: 944341
Ion Ratio Lower Upper
284 100
142 34.3 27.7 41.5
249 31.8 25.5 38.3





#69

Atrazine

Concen: 42.711 ng

RT: 16.589 min Scan# 2321

Delta R.T. 0.006 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

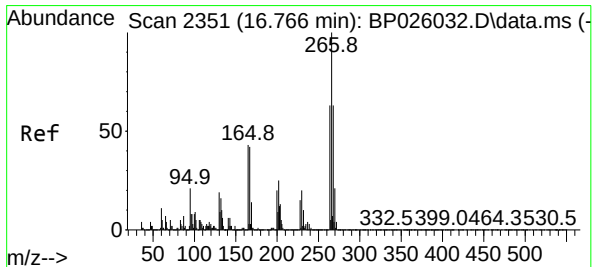
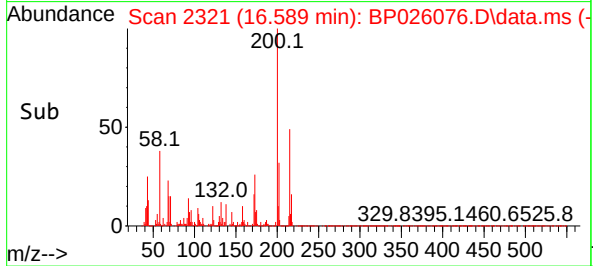
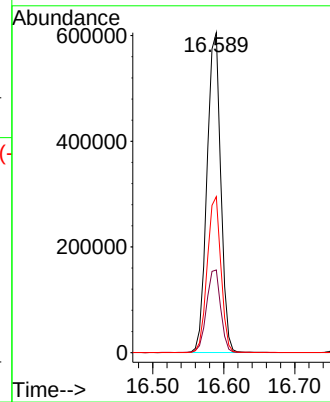
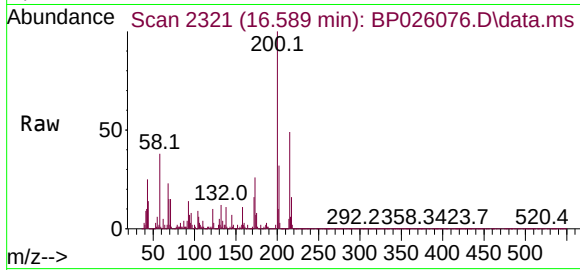
Tgt Ion:	200	Resp:	80991
Ion Ratio	Lower	Upper	
200	100		
173	25.8	6.2	46.2
215	48.8	29.8	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#70

Pentachlorophenol

Concen: 72.285 ng

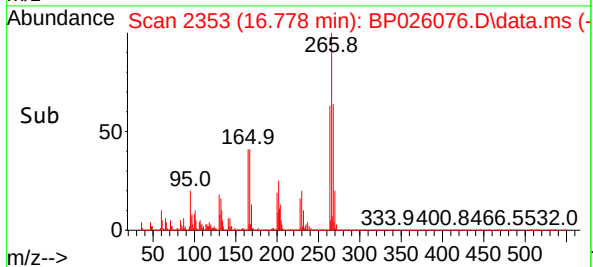
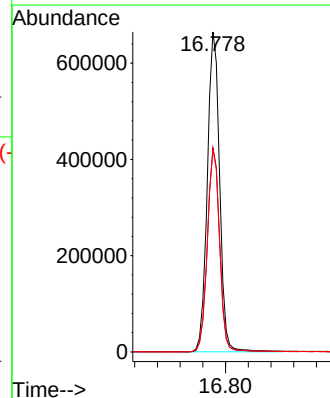
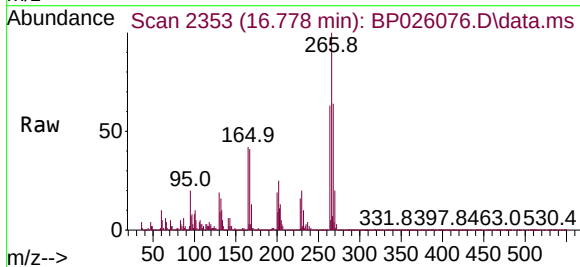
RT: 16.778 min Scan# 2353

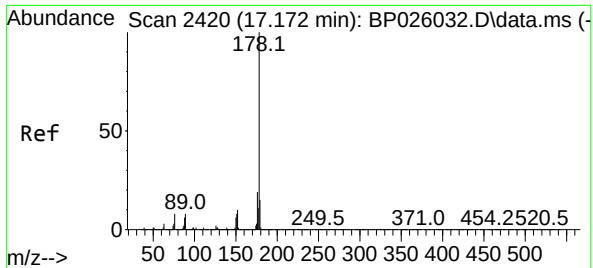
Delta R.T. 0.012 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

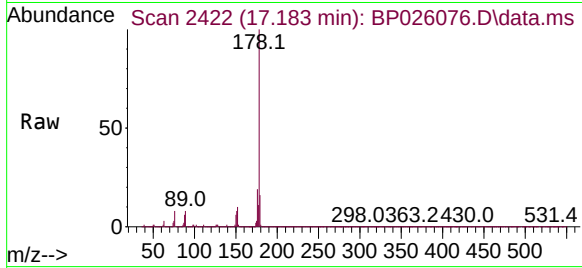
Tgt Ion:	266	Resp:	1002391
Ion Ratio	Lower	Upper	
266	100		
268	63.7	50.6	76.0
264	63.3	50.2	75.4





#71
Phenanthrene
Concen: 39.502 ng
RT: 17.183 min Scan# 2420
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

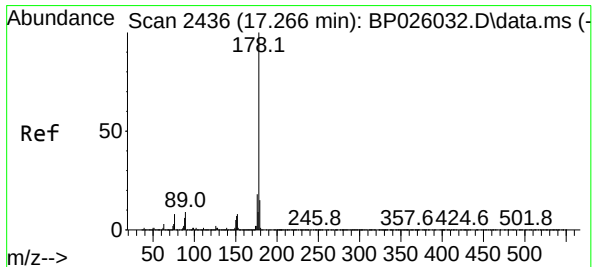
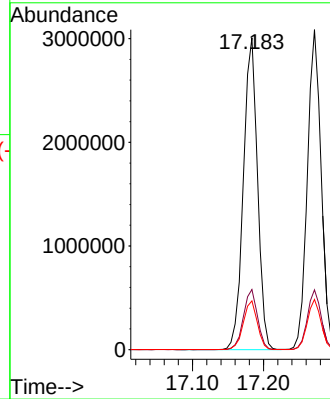
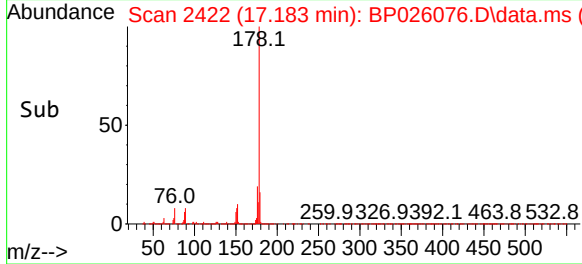
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 4133609
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.3 18.5

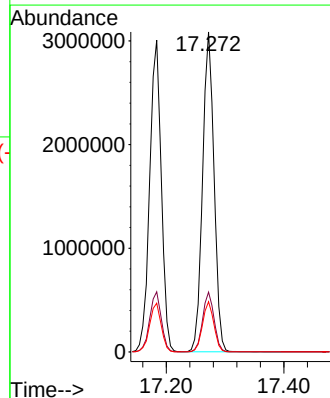
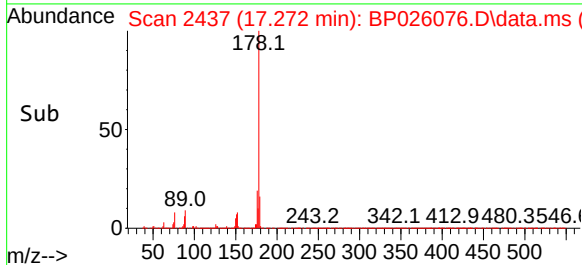
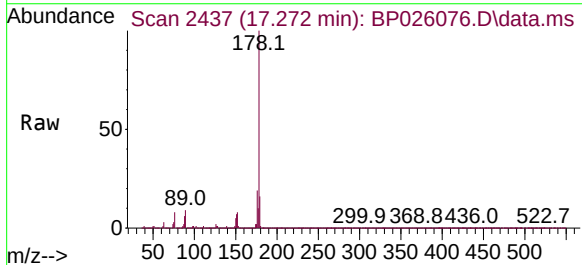
Manual Integrations
APPROVED

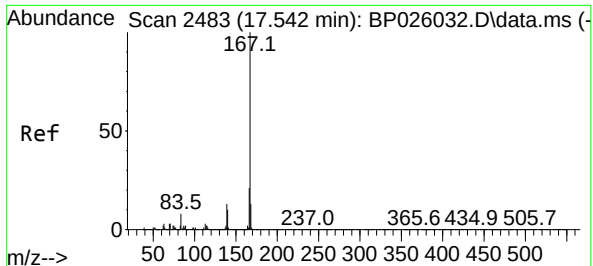
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#72
Anthracene
Concen: 40.254 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

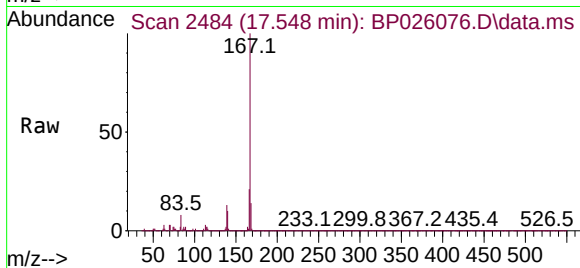
Tgt Ion:178 Resp: 4175469
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 40.684 ng
 RT: 17.548 min Scan# 2483
 Delta R.T. 0.012 min
 Lab File: BP026076.D
 Acq: 06 Nov 2025 13:25

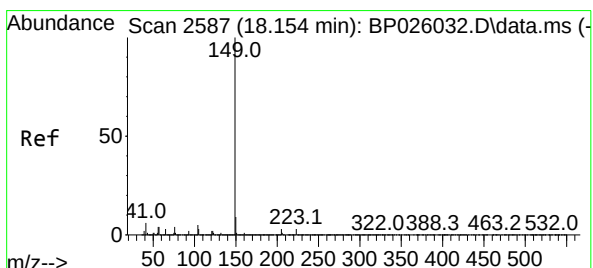
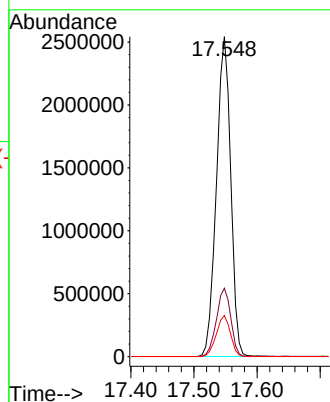
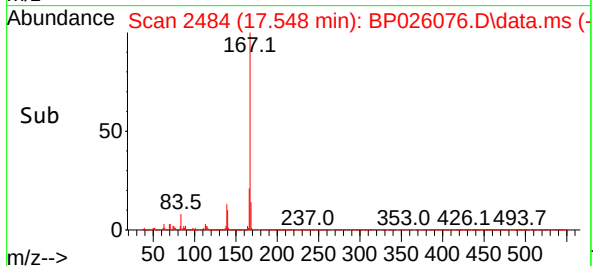
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



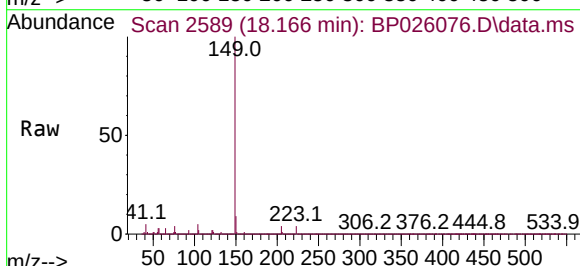
Tgt Ion:167 Resp: 3994788
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.8 10.2 15.2

Manual Integrations
 APPROVED

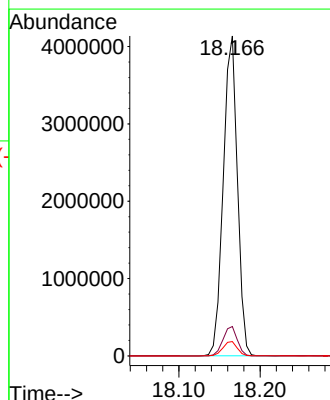
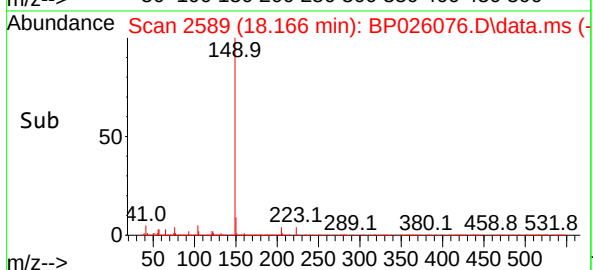
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

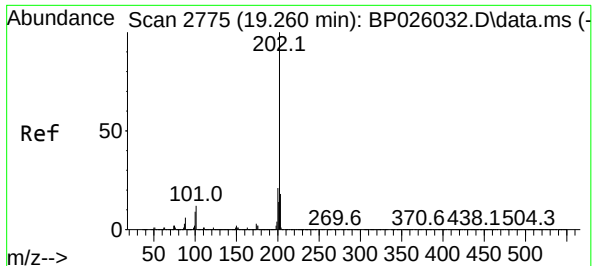


#74
 Di-n-butylphthalate
 Concen: 45.338 ng
 RT: 18.166 min Scan# 2589
 Delta R.T. 0.012 min
 Lab File: BP026076.D
 Acq: 06 Nov 2025 13:25



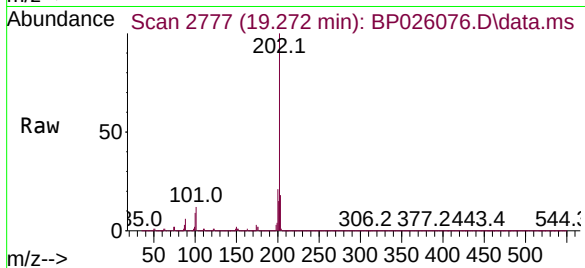
Tgt Ion:149 Resp: 4981360
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 40.678 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

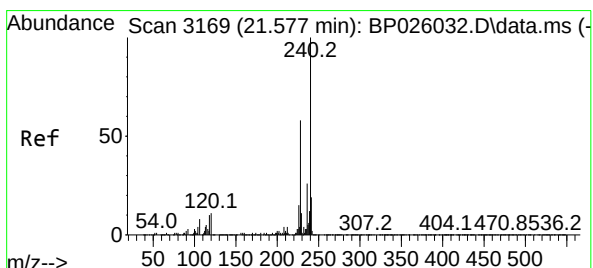
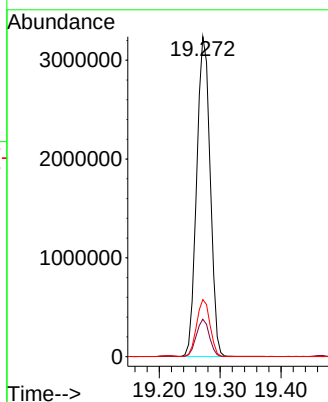
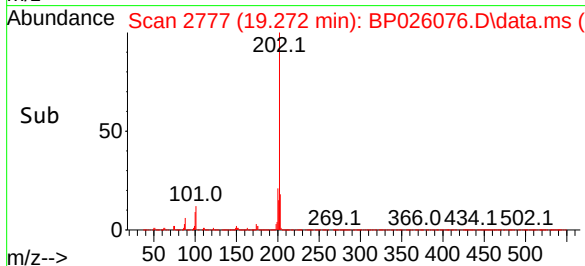
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



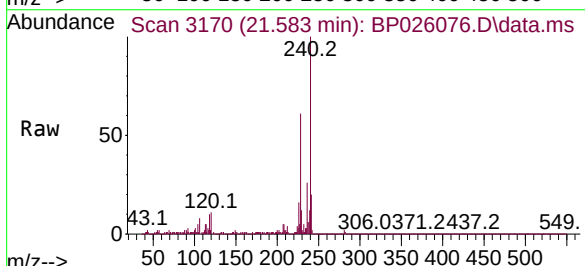
Tgt Ion:202 Resp: 4965550
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.1
203 17.8 0.0 37.6

Manual Integrations
APPROVED

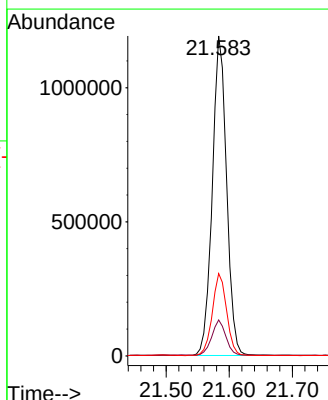
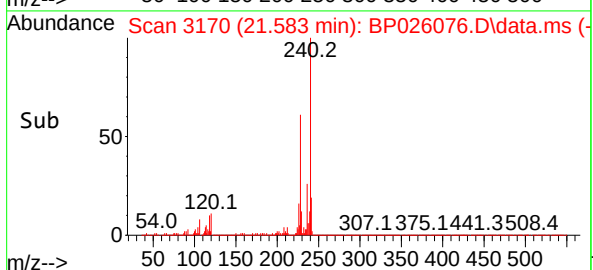
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

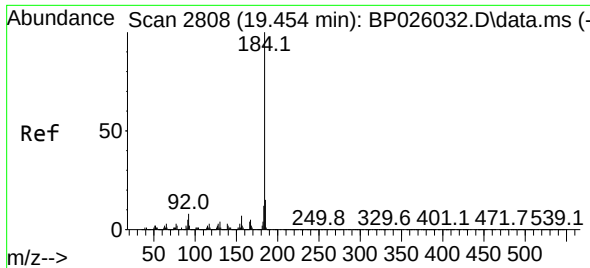


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



Tgt Ion:240 Resp: 1874908
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.7 20.6 31.0





#77

Benzidine

Concen: 45.504 ng

RT: 19.466 min Scan# 2810

Delta R.T. 0.012 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 2165515

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

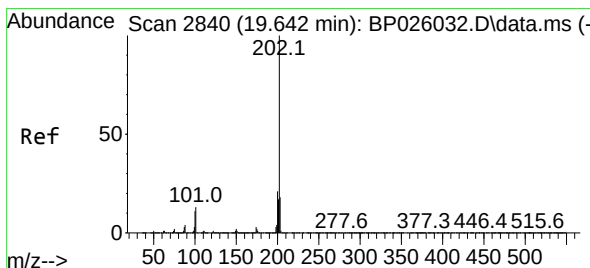
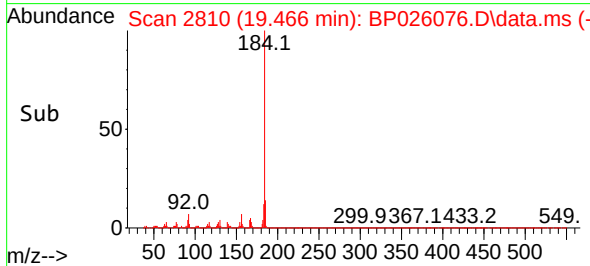
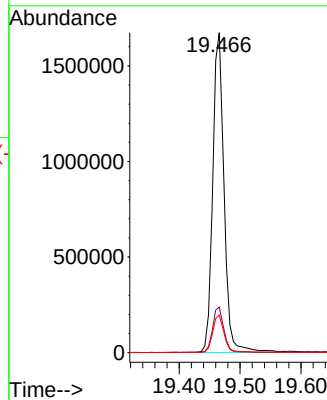
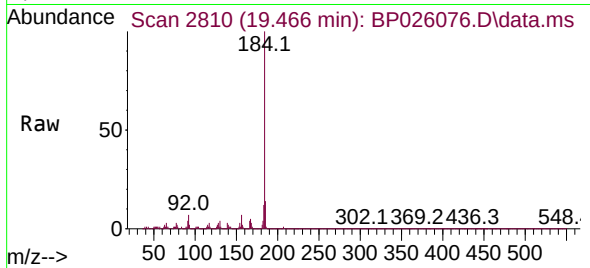
183 11.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#78

Pyrene

Concen: 41.190 ng

RT: 19.648 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

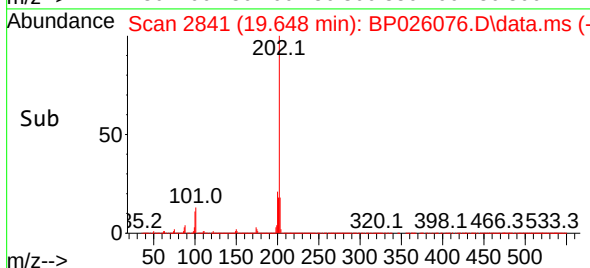
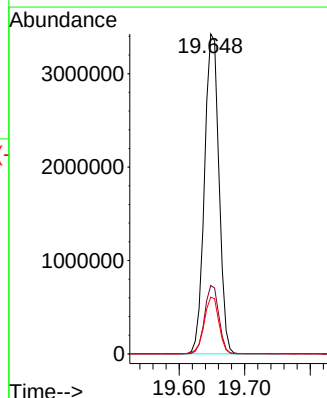
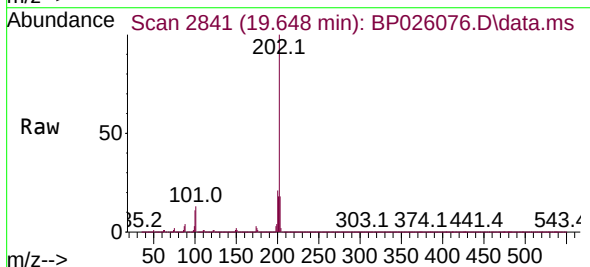
Tgt Ion:202 Resp: 5223256

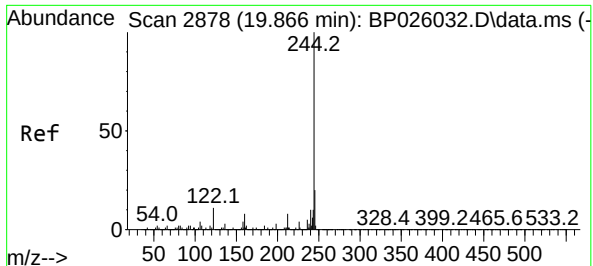
Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

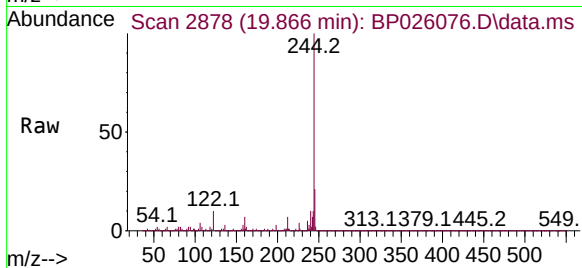
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 81.258 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

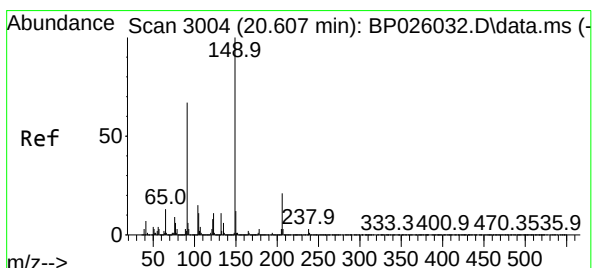
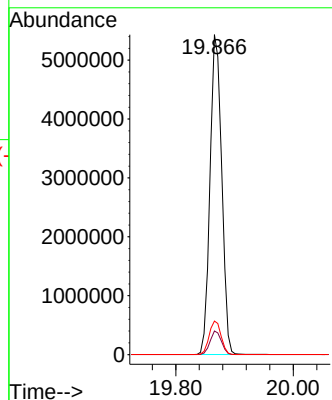
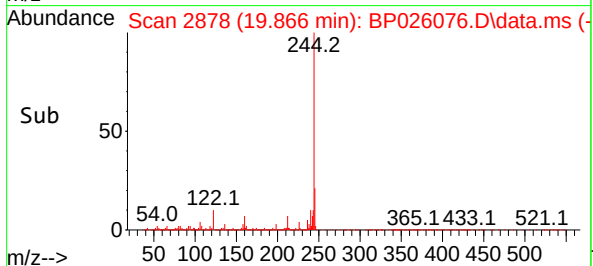
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:244 Resp: 7498778
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.5 9.0 13.6

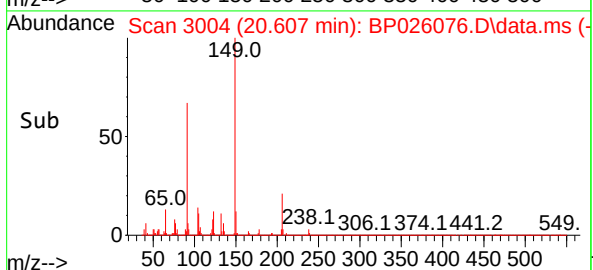
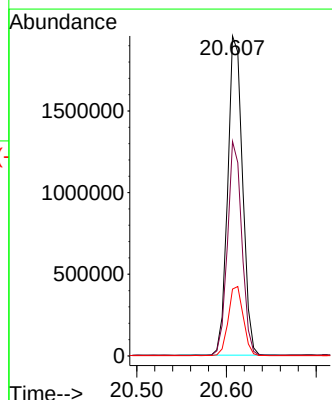
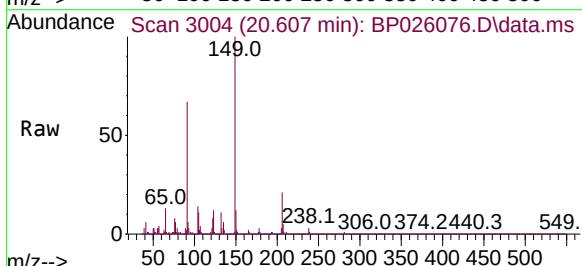
Manual Integrations
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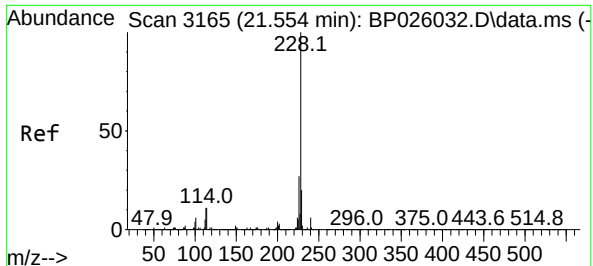
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#80
Butylbenzylphthalate
Concen: 47.684 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

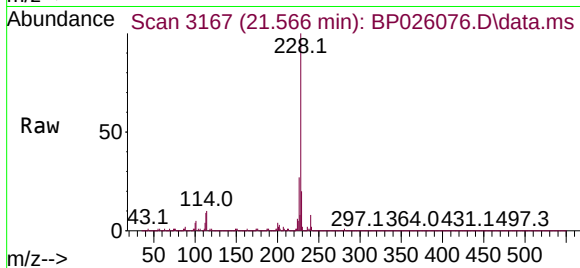
Tgt Ion:149 Resp: 2256439
Ion Ratio Lower Upper
149 100
91 67.0 53.5 80.3
206 20.9 16.6 25.0





#81
Benzo(a)anthracene
Concen: 40.402 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.018 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

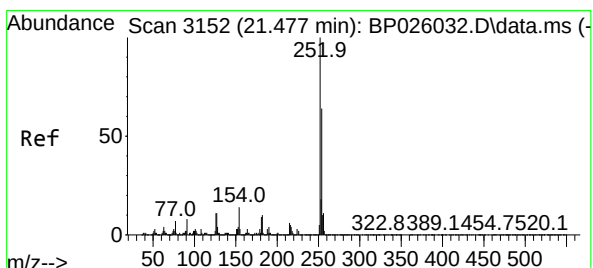
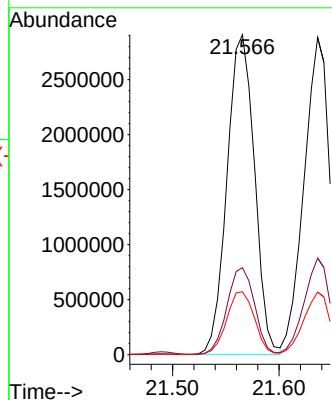
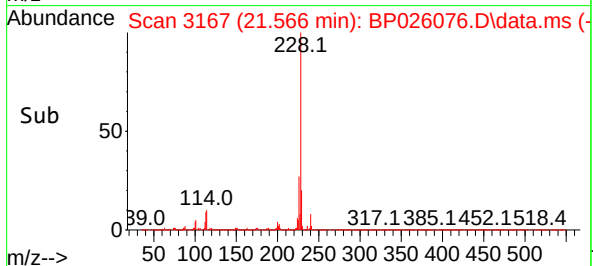
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



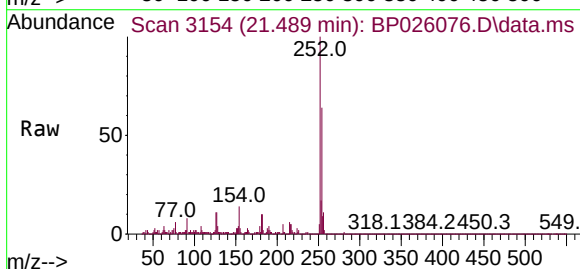
Tgt Ion:228 Resp: 5205313
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.6 15.8 23.8

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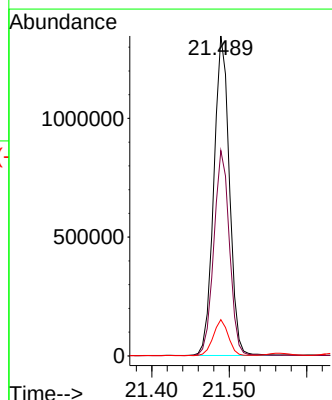
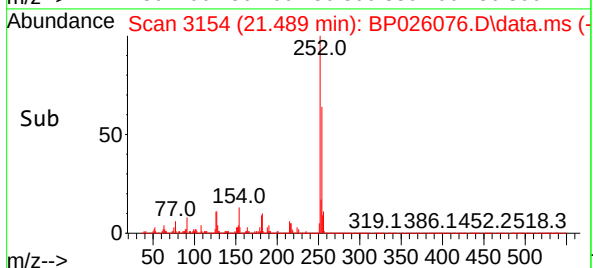
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

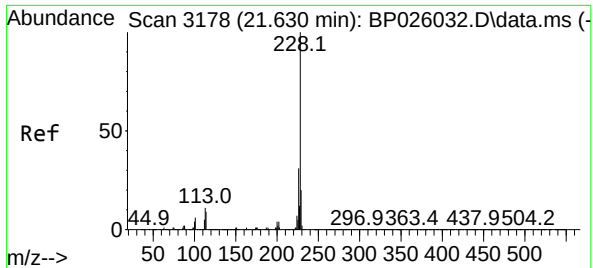


#82
3,3'-Dichlorobenzidine
Concen: 45.223 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



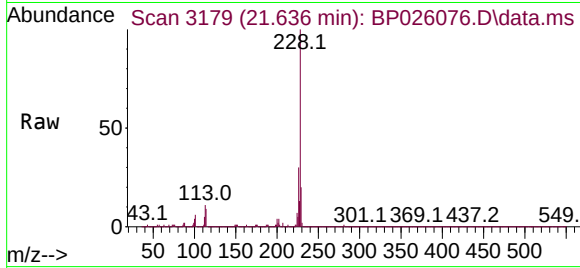
Tgt Ion:252 Resp: 1877270
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 11.3 9.1 13.7





#83
Chrysene
Concen: 39.940 ng
RT: 21.636 min Scan# 3179
Delta R.T. 0.018 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

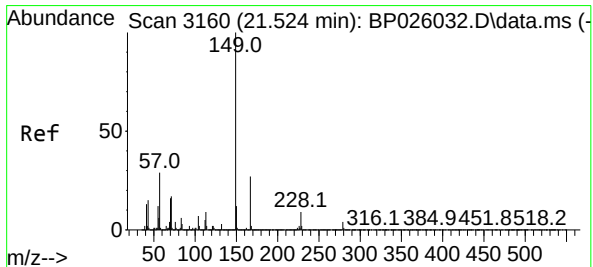
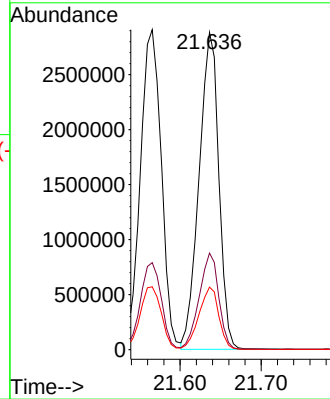
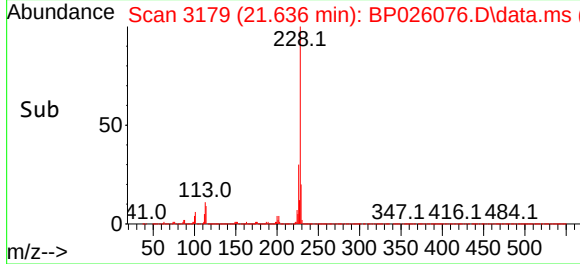
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 4874494
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.7 16.0 24.0

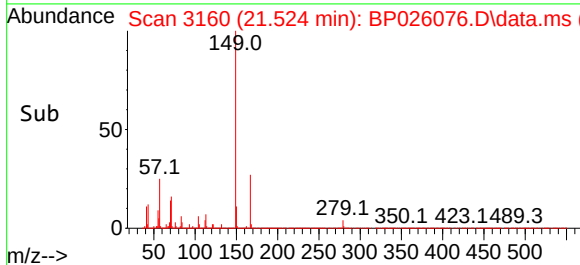
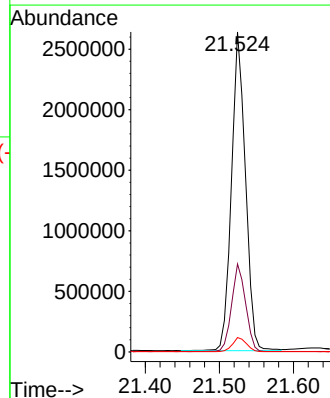
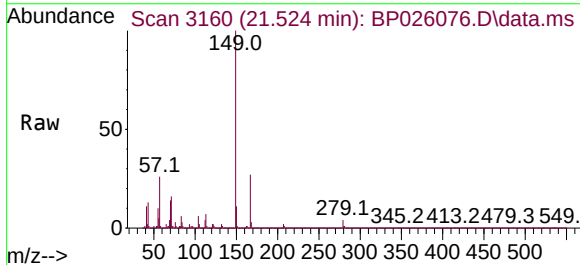
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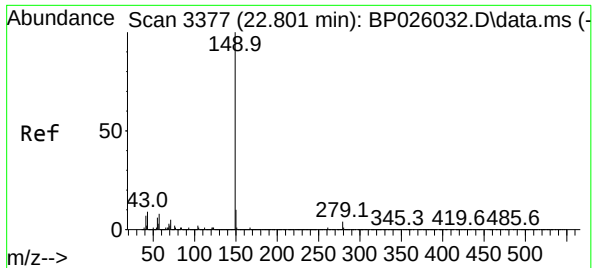
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.664 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

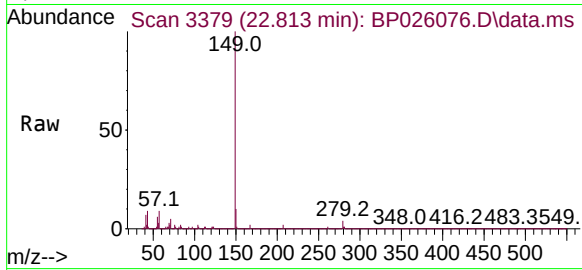
Tgt Ion:149 Resp: 3440370
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.5 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 54.353 ng
RT: 22.813 min Scan# 3377
Delta R.T. 0.012 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

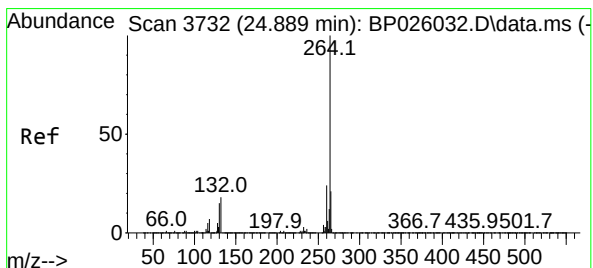
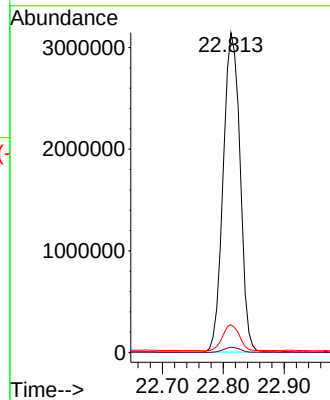
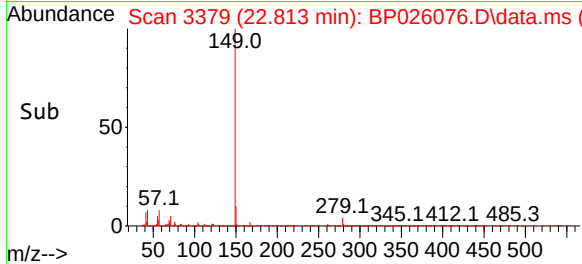
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



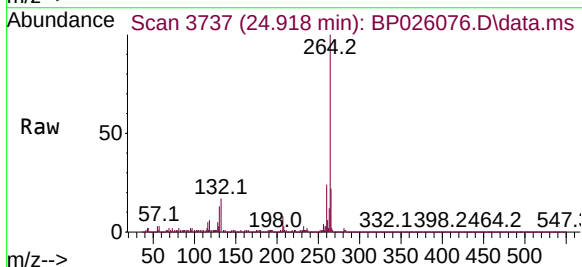
Tgt Ion:149 Resp: 606634
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.1 7.6 11.4

Manual Integrations
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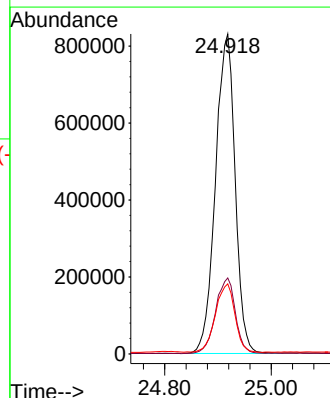
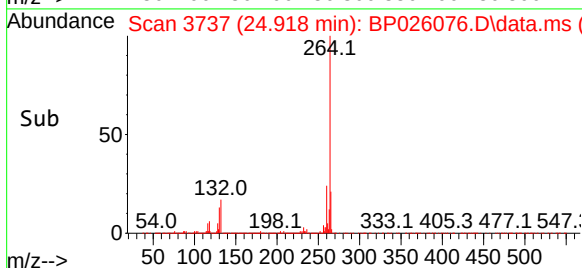
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

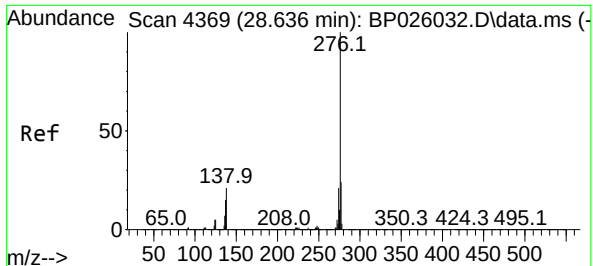


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.036 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25



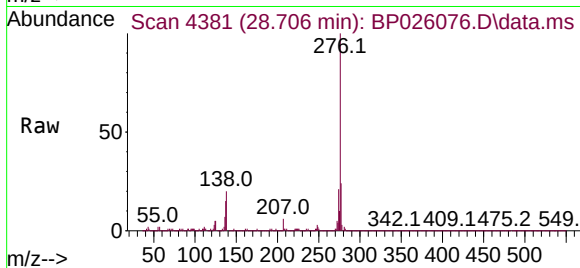
Tgt Ion:264 Resp: 2125998
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.876 ng
RT: 28.706 min Scan# 4369
Delta R.T. 0.047 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

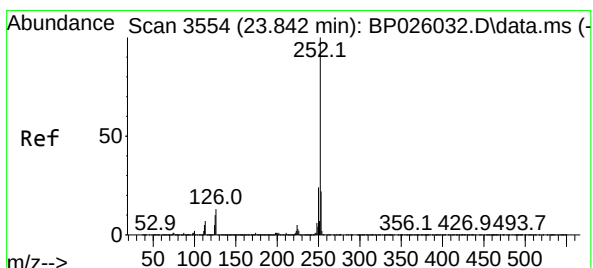
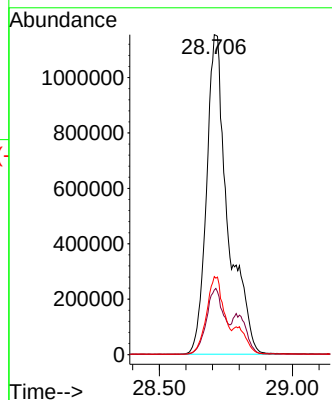
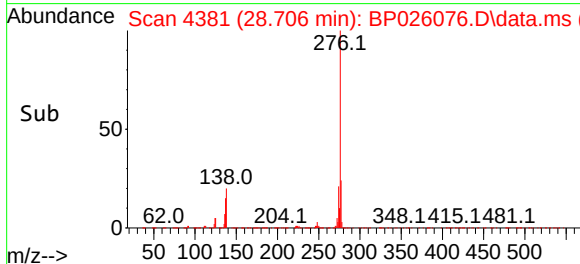
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 276 Resp: 6415730
Ion Ratio Lower Upper
276 100
138 17.1 13.2 19.8
277 20.0 16.3 24.5

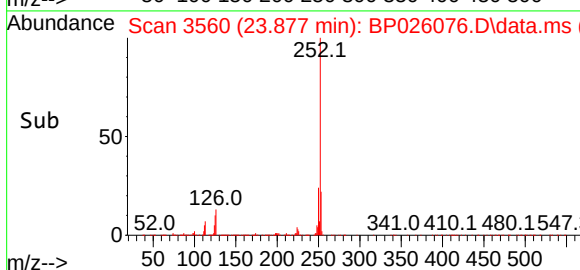
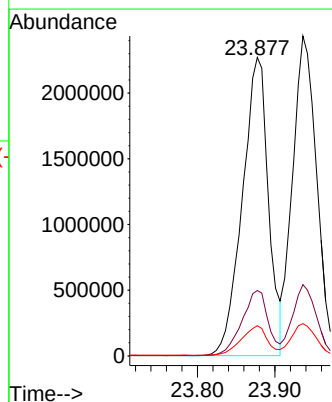
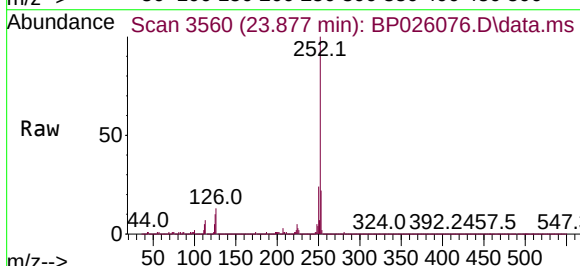
Manual Integrations
APPROVED

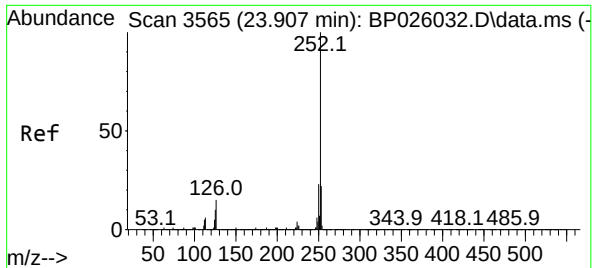
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#88
Benzo(b)fluoranthene
Concen: 40.323 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.030 min
Lab File: BP026076.D
Acq: 06 Nov 2025 13:25

Tgt Ion: 252 Resp: 5321865
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 38.719 ng

RT: 23.936 min Scan# 3565

Delta R.T. 0.012 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 5218308

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

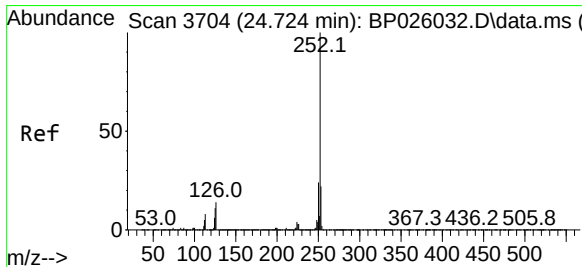
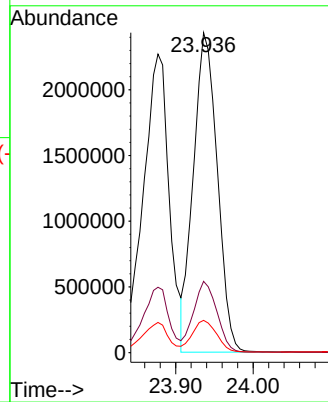
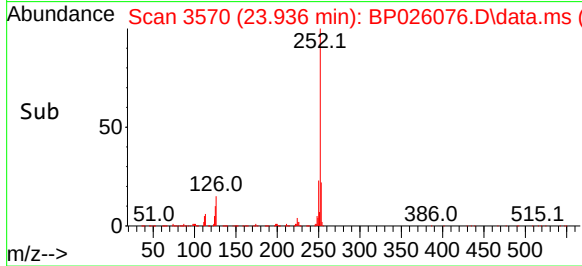
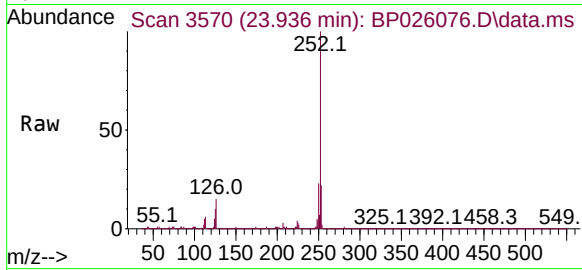
125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#90

Benzo(a)pyrene

Concen: 40.569 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.024 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

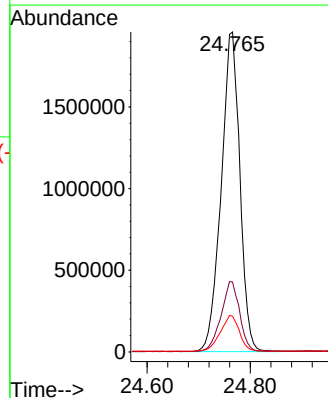
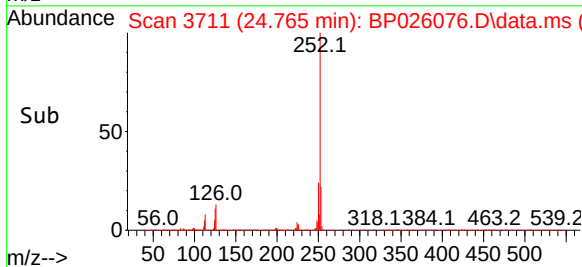
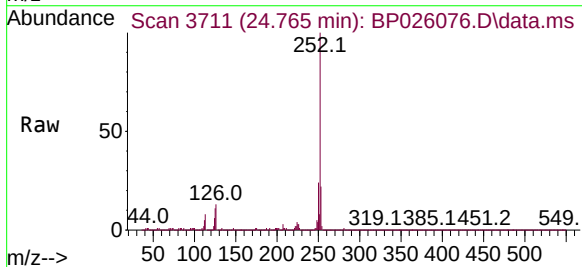
Tgt Ion:252 Resp: 4918962

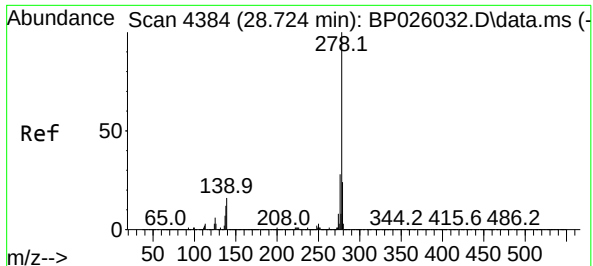
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.1 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 41.186 ng

RT: 28.801 min Scan# 4384

Delta R.T. 0.053 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 5260623

Ion Ratio Lower Upper

278 100

139 15.4 13.0 19.6

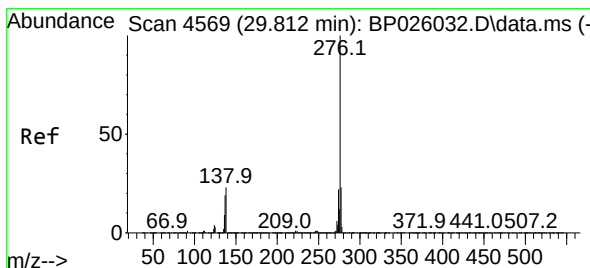
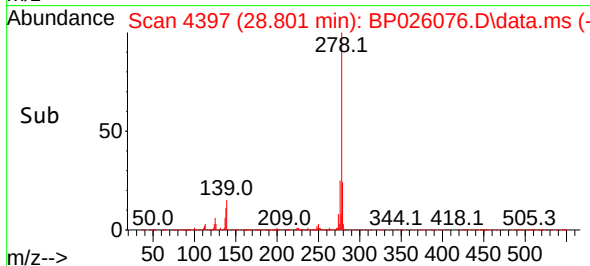
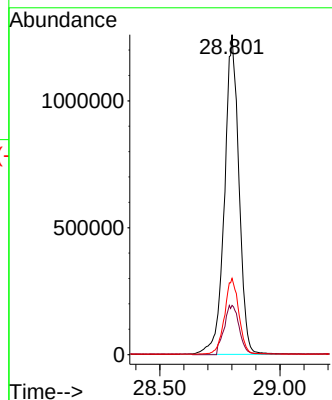
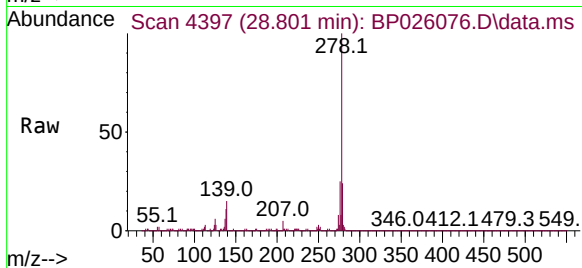
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#92

Benzo(g,h,i)perylene

Concen: 40.404 ng

RT: 29.889 min Scan# 4582

Delta R.T. 0.059 min

Lab File: BP026076.D

Acq: 06 Nov 2025 13:25

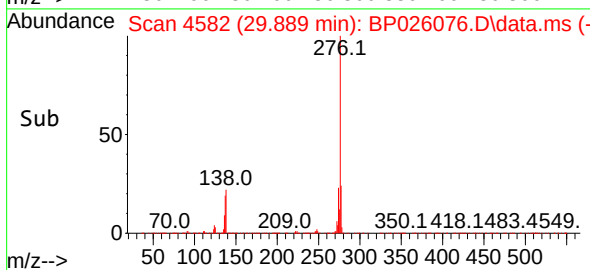
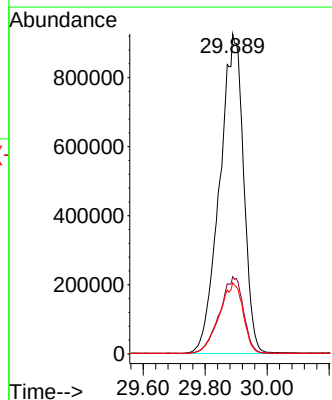
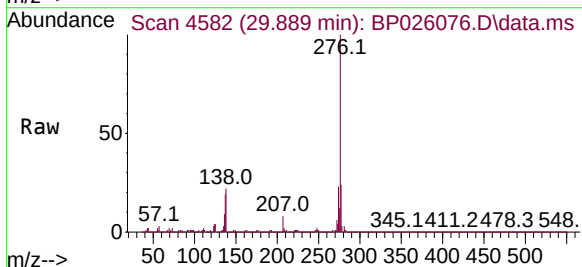
Tgt Ion:276 Resp: 4966212

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 22.2 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026076.D
 Acq On : 06 Nov 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 06 14:05:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	106	0.00
2	1,4-Dioxane	40.000	39.674	0.8	105	0.00
3	Pyridine	40.000	40.407	-1.0	105	0.00
4	n-Nitrosodimethylamine	40.000	38.321	4.2	101	0.00
5 S	2-Fluorophenol	80.000	83.617	-4.5	108	0.00
6	Aniline	40.000	41.175	-2.9	107	0.00
7 S	Phenol-d6	80.000	85.713	-7.1	109	0.00
8	2-Chlorophenol	40.000	44.113	-10.3	112	0.00
9	Benzaldehyde	40.000	40.347	-0.9	106	0.00
10 C	Phenol	40.000	41.994	-5.0	108	0.00
11	bis(2-Chloroethyl)ether	40.000	40.414	-1.0	106	-0.01
12	1,3-Dichlorobenzene	40.000	40.667	-1.7	106	0.00
13 C	1,4-Dichlorobenzene	40.000	40.395	-1.0	106	0.00
14	1,2-Dichlorobenzene	40.000	40.515	-1.3	106	0.00
15	Benzyl Alcohol	40.000	44.066	-10.2	114	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.148	4.6	99	0.00
17	2-Methylphenol	40.000	42.660	-6.6	108	0.00
18	Hexachloroethane	40.000	42.683	-6.7	110	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	43.460	-8.7	108	-0.01
20	3+4-Methylphenols	40.000	43.241	-8.1	111	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	109	0.00
22	Acetophenone	40.000	40.276	-0.7	107	0.00
23 S	Nitrobenzene-d5	80.000	88.059	-10.1	114	0.00
24	Nitrobenzene	40.000	42.489	-6.2	110	0.00
25	Isophorone	40.000	42.702	-6.8	111	0.00
26 C	2-Nitrophenol	40.000	57.288	-43.2#	154	0.00
27	2,4-Dimethylphenol	40.000	41.178	-2.9	107	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.192	-3.0	109	0.00
29 C	2,4-Dichlorophenol	40.000	44.521	-11.3	113	0.01
30	1,2,4-Trichlorobenzene	40.000	40.751	-1.9	108	0.00
31	Naphthalene	40.000	40.013	-0.0	107	0.00
32	Benzoic acid	40.000	56.811	-42.0#	172	-0.01
33	4-Chloroaniline	40.000	41.880	-4.7	109	0.00
34 C	Hexachlorobutadiene	40.000	40.824	-2.1	108	0.00
35	Caprolactam	40.000	47.099	-17.7	122	-0.01
36 C	4-Chloro-3-methylphenol	40.000	45.979	-14.9	116	0.00
37	2-Methylnaphthalene	40.000	41.848	-4.6	109	0.01
38	1-Methylnaphthalene	40.000	41.569	-3.9	109	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.053	-0.1	112	0.01
41 P	Hexachlorocyclopentadiene	40.000	49.229	-23.1	135	0.00
42 S	2,4,6-Tribromophenol	80.000	99.438	-24.3	130	0.00
43 C	2,4,6-Trichlorophenol	40.000	46.922	-17.3	123	0.01
44	2,4,5-Trichlorophenol	40.000	45.337	-13.3	119	0.02
45 S	2-Fluorobiphenyl	80.000	77.423	3.2	108	0.00
46	1,1'-Biphenyl	40.000	39.499	1.3	111	0.01
47	2-Chloronaphthalene	40.000	39.734	0.7	111	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026076.D
 Acq On : 06 Nov 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 06 14:05:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	44.750	-11.9	130	0.00
49	Acenaphthylene	40.000	40.331	-0.8	110	0.00
50	Dimethylphthalate	40.000	42.710	-6.8	117	0.00
51	2,6-Dinitrotoluene	40.000	45.582	-14.0	134	0.01
52 C	Acenaphthene	40.000	38.666	3.3	107	0.00
53	3-Nitroaniline	40.000	44.369	-10.9	128	0.01
54 P	2,4-Dinitrophenol	40.000	58.251	-45.6#	186	0.01
55	Dibenzofuran	40.000	39.688	0.8	111	0.00
56 P	4-Nitrophenol	40.000	44.118	-10.3	128	0.01
57	2,4-Dinitrotoluene	40.000	45.938	-14.8	133	0.02
58	Fluorene	40.000	39.967	0.1	112	0.01
59	2,3,4,6-Tetrachlorophenol	40.000	49.851	-24.6	129	0.00
60	Diethylphthalate	40.000	43.300	-8.2	117	0.00
61	4-Chlorophenyl-phenylether	40.000	40.144	-0.4	112	0.00
62	4-Nitroaniline	40.000	47.630	-19.1	124	0.00
63	Azobenzene	40.000	39.832	0.4	109	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	116	0.02
65	4,6-Dinitro-2-methylphenol	40.000	55.466	-38.7#	178	0.02
66 c	n-Nitrosodiphenylamine	40.000	40.304	-0.8	113	0.00
67	4-Bromophenyl-phenylether	40.000	42.144	-5.4	118	0.00
68	Hexachlorobenzene	40.000	41.596	-4.0	118	0.00
69	Atrazine	40.000	42.711	-6.8	119	0.00
70 C	Pentachlorophenol	40.000	72.285	-80.7#	201	0.01
71	Phenanthrene	40.000	39.502	1.2	112	0.01
72	Anthracene	40.000	40.254	-0.6	114	0.01
73	Carbazole	40.000	40.684	-1.7	114	0.01
74	Di-n-butylphthalate	40.000	45.338	-13.3	120	0.01
75 C	Fluoranthene	40.000	40.678	-1.7	113	0.01
76 I	Chrysene-d12	20.000	20.000	0.0	114	0.02
77	Benzydine	40.000	45.504	-13.8	127	0.01
78	Pyrene	40.000	41.190	-3.0	111	0.01
79 S	Terphenyl-d14	80.000	81.258	-1.6	112	0.00
80	Butylbenzylphthalate	40.000	47.684	-19.2	138	0.00
81	Benzo(a)anthracene	40.000	40.402	-1.0	111	0.02
82	3,3'-Dichlorobenzidine	40.000	45.223	-13.1	123	0.01
83	Chrysene	40.000	39.940	0.2	110	0.02
84	Bis(2-ethylhexyl)phthalate	40.000	45.664	-14.2	126	0.00
85 c	Di-n-octyl phthalate	40.000	54.353	-35.9#	143	0.01
86 I	Perylene-d12	20.000	20.000	0.0	121	0.04
87	Indeno(1,2,3-cd)pyrene	40.000	40.876	-2.2	117	0.05
88	Benzo(b)fluoranthene	40.000	40.323	-0.8	116	0.03
89	Benzo(k)fluoranthene	40.000	38.719	3.2	111	0.01
90 C	Benzo(a)pyrene	40.000	40.569	-1.4	115	0.02
91	Dibenzo(a,h)anthracene	40.000	41.186	-3.0	117	0.05
92	Benzo(g,h,i)perylene	40.000	40.404	-1.0	116	0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026076.D
Acq On : 06 Nov 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 06 14:05:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 3

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026076.D
 Acq On : 06 Nov 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
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Quant Time: Nov 06 14:05:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
2	1,4-Dioxane	0.511	0.507	0.8	105	0.00
3	Pyridine	1.453	1.467	-1.0	105	0.00
4	n-Nitrosodimethylamine	0.582	0.558	4.1	101	0.00
5 S	2-Fluorophenol	1.212	1.267	-4.5	108	0.00
6	Aniline	2.059	2.119	-2.9	107	0.00
7 S	Phenol-d6	1.543	1.653	-7.1	109	0.00
8	2-Chlorophenol	1.342	1.480	-10.3	112	0.00
9	Benzaldehyde	0.802	0.809	-0.9	106	0.00
10 C	Phenol	1.713	1.798	-5.0	108	0.00
11	bis(2-Chloroethyl)ether	1.352	1.366	-1.0	106	-0.01
12	1,3-Dichlorobenzene	1.541	1.567	-1.7	106	0.00
13 C	1,4-Dichlorobenzene	1.558	1.574	-1.0	106	0.00
14	1,2-Dichlorobenzene	1.487	1.506	-1.3	106	0.00
15	Benzyl Alcohol	1.112	1.225	-10.2	114	0.00
16	2,2'-oxybis(1-Chloropropane	2.043	1.948	4.7	99	0.00
17	2-Methylphenol	1.121	1.196	-6.7	108	0.00
18	Hexachloroethane	0.533	0.569	-6.8	110	0.00
19 P	n-Nitroso-di-n-propylamine	0.958	1.040	-8.6	108	-0.01
20	3+4-Methylphenols	1.560	1.687	-8.1	111	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	109	0.00
22	Acetophenone	0.506	0.509	-0.6	107	0.00
23 S	Nitrobenzene-d5	0.321	0.353	-10.0	114	0.00
24	Nitrobenzene	0.339	0.360	-6.2	110	0.00
25	Isophorone	0.687	0.733	-6.7	111	0.00
26 C	2-Nitrophenol	0.104	0.180	-73.1#	154#	0.00
27	2,4-Dimethylphenol	0.289	0.297	-2.8	107	0.00
28	bis(2-Chloroethoxy)methane	0.433	0.446	-3.0	109	0.00
29 C	2,4-Dichlorophenol	0.305	0.339	-11.1	113	0.01
30	1,2,4-Trichlorobenzene	0.331	0.338	-2.1	108	0.00
31	Naphthalene	1.091	1.091	0.0	107	0.00
32	Benzoic acid	0.163	0.265	-62.6#	172#	-0.01
33	4-Chloroaniline	0.419	0.439	-4.8	109	0.00
34 C	Hexachlorobutadiene	0.211	0.215	-1.9	108	0.00
35	Caprolactam	0.107	0.126	-17.8	122	-0.01
36 C	4-Chloro-3-methylphenol	0.320	0.367	-14.7	116	0.00
37	2-Methylnaphthalene	0.763	0.799	-4.7	109	0.01
38	1-Methylnaphthalene	0.742	0.771	-3.9	109	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.621	0.622	-0.2	112	0.01
41 P	Hexachlorocyclopentadiene	0.227	0.280	-23.3	135	0.00
42 S	2,4,6-Tribromophenol	0.216	0.269	-24.5	130	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.431	-17.4	123	0.01
44	2,4,5-Trichlorophenol	0.419	0.475	-13.4	119	0.02
45 S	2-Fluorobiphenyl	1.392	1.347	3.2	108	0.00
46	1,1'-Biphenyl	1.531	1.512	1.2	111	0.01
47	2-Chloronaphthalene	1.205	1.197	0.7	111	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026076.D
 Acq On : 06 Nov 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 06 14:05:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.272	0.345	-26.8#	130	0.00
49	Acenaphthylene	1.756	1.771	-0.9	110	0.00
50	Dimethylphthalate	1.455	1.553	-6.7	117	0.00
51	2,6-Dinitrotoluene	0.237	0.308	-30.0#	134	0.01
52 C	Acenaphthene	1.206	1.165	3.4	107	0.00
53	3-Nitroaniline	0.291	0.362	-24.4	128	0.01
54 P	2,4-Dinitrophenol	0.100	0.163	-63.0#	186#	0.01
55	Dibenzofuran	1.822	1.807	0.8	111	0.00
56 P	4-Nitrophenol	0.290	0.320	-10.3	128	0.01
57	2,4-Dinitrotoluene	0.347	0.457	-31.7#	133	0.02
58	Fluorene	1.427	1.426	0.1	112	0.01
59	2,3,4,6-Tetrachlorophenol	0.330	0.411	-24.5	129	0.00
60	Diethylphthalate	1.463	1.583	-8.2	117	0.00
61	4-Chlorophenyl-phenylether	0.713	0.715	-0.3	112	0.00
62	4-Nitroaniline	0.311	0.370	-19.0	124	0.00
63	Azobenzene	1.325	1.320	0.4	109	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	116	0.02
65	4,6-Dinitro-2-methylphenol	0.077	0.118	-53.2#	178#	0.02
66 c	n-Nitrosodiphenylamine	0.625	0.630	-0.8	113	0.00
67	4-Bromophenyl-phenylether	0.222	0.234	-5.4	118	0.00
68	Hexachlorobenzene	0.253	0.263	-4.0	118	0.00
69	Atrazine	0.211	0.225	-6.6	119	0.00
70 C	Pentachlorophenol	0.154	0.279	-81.2#	201#	0.01
71	Phenanthrene	1.164	1.150	1.2	112	0.01
72	Anthracene	1.154	1.161	-0.6	114	0.01
73	Carbazole	1.092	1.111	-1.7	114	0.01
74	Di-n-butylphthalate	1.222	1.385	-13.3	120	0.01
75 C	Fluoranthene	1.358	1.381	-1.7	113	0.01
76 I	Chrysene-d12	1.000	1.000	0.0	114	0.02
77	Benzydine	0.508	0.577	-13.6	127	0.01
78	Pyrene	1.353	1.393	-3.0	111	0.01
79 S	Terphenyl-d14	0.984	1.000	-1.6	112	0.00
80	Butylbenzylphthalate	0.432	0.602	-39.4#	138	0.00
81	Benzo(a)anthracene	1.374	1.388	-1.0	111	0.02
82	3,3'-Dichlorobenzidine	0.443	0.501	-13.1	123	0.01
83	Chrysene	1.302	1.300	0.2	110	0.02
84	Bis(2-ethylhexyl)phthalate	0.718	0.917	-27.7#	126	0.00
85 c	Di-n-octyl phthalate	1.191	1.618	-35.9#	143	0.01
86 I	Perylene-d12	1.000	1.000	0.0	121	0.04
87	Indeno(1,2,3-cd)pyrene	1.477	1.509	-2.2	117	0.05
88	Benzo(b)fluoranthene	1.242	1.252	-0.8	116	0.03
89	Benzo(k)fluoranthene	1.268	1.227	3.2	111	0.01
90 C	Benzo(a)pyrene	1.141	1.157	-1.4	115	0.02
91	Dibenzo(a,h)anthracene	1.202	1.237	-2.9	117	0.05
92	Benzo(g,h,i)perylene	1.156	1.168	-1.0	116	0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026076.D
Acq On : 06 Nov 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 06 14:05:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 3



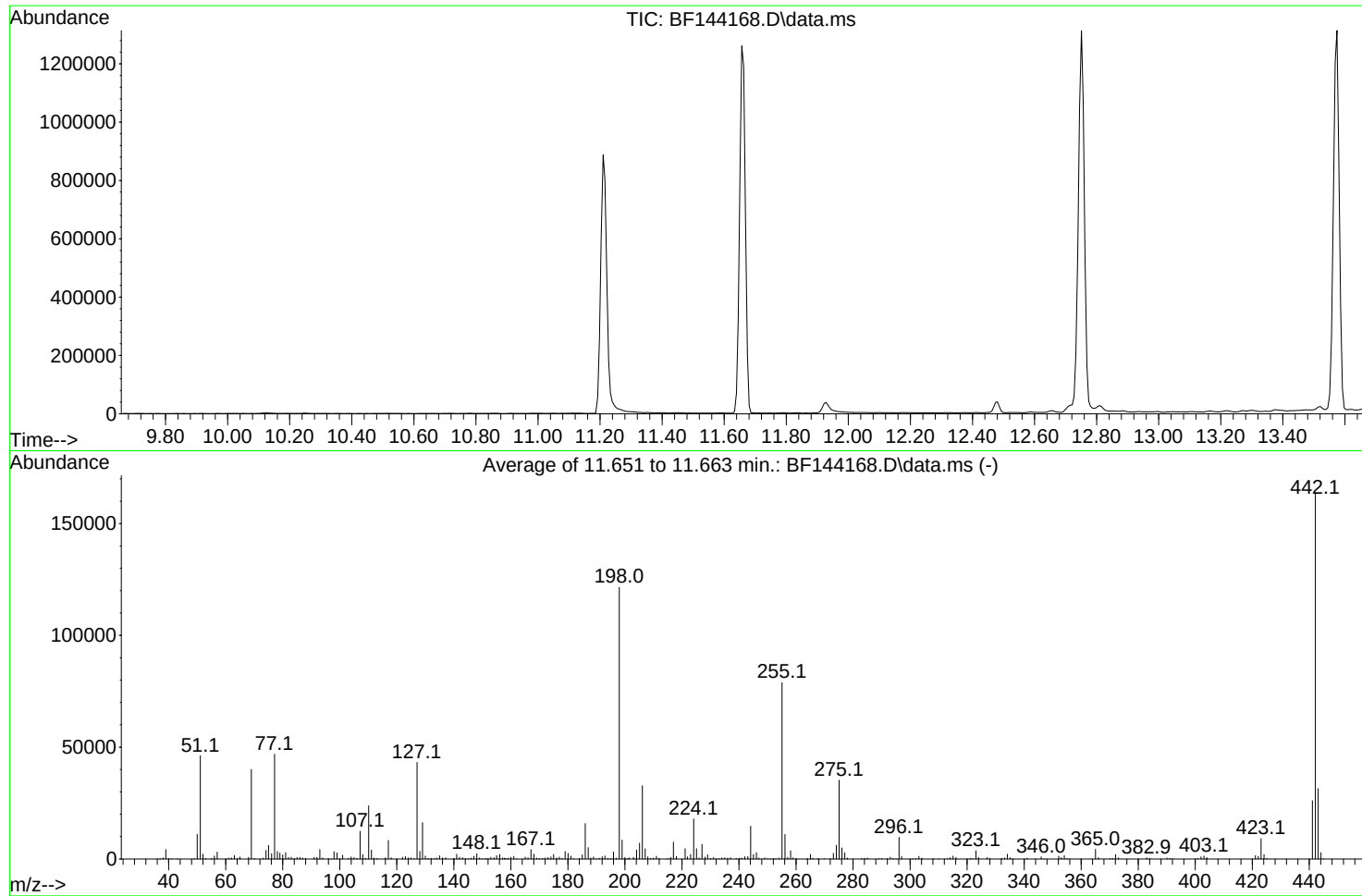
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



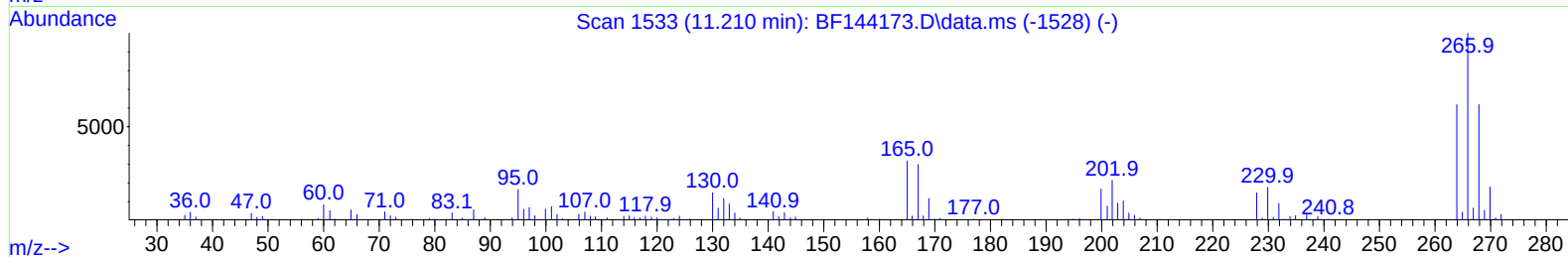
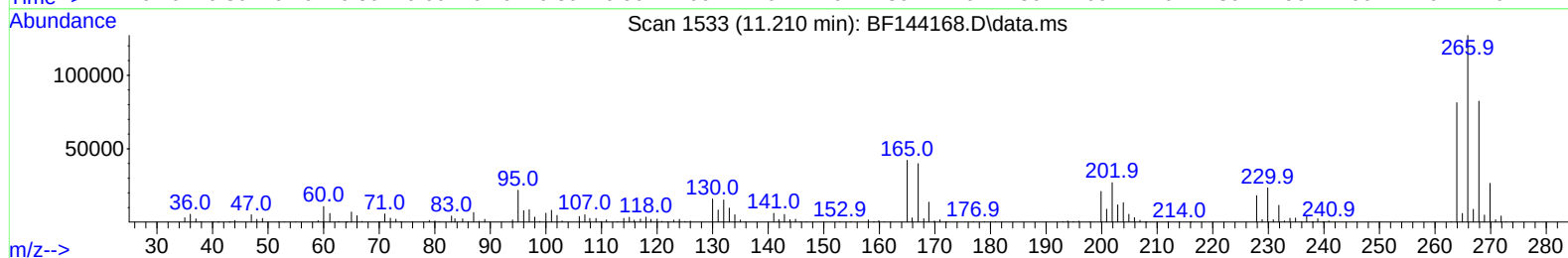
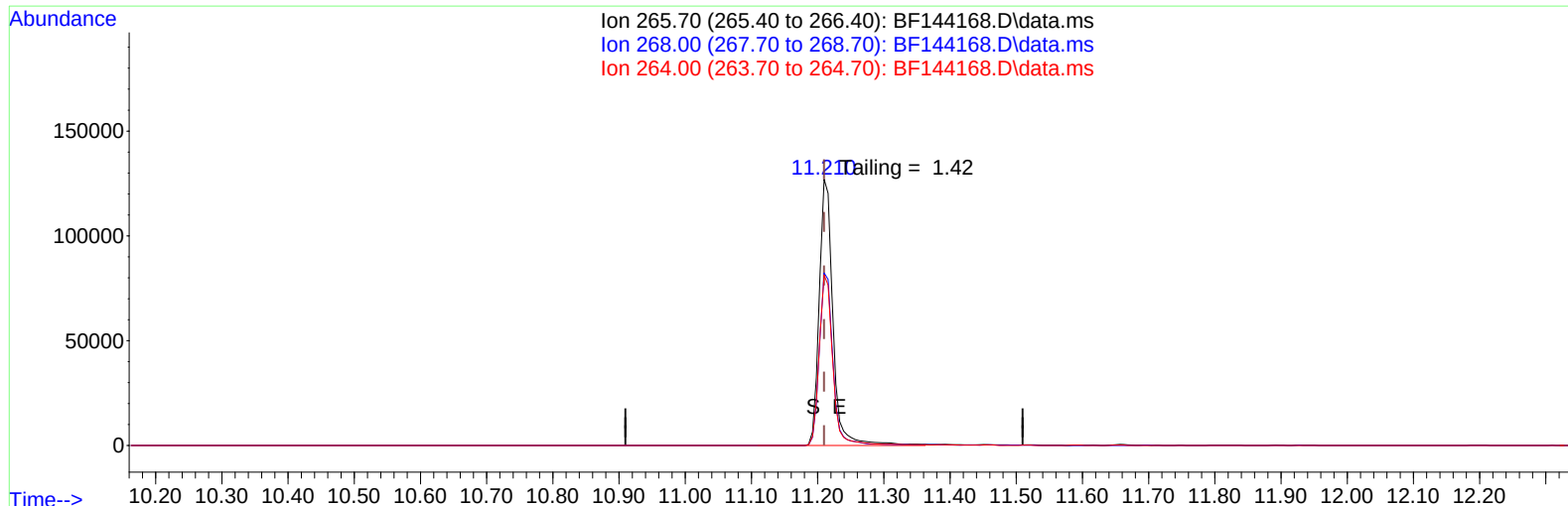
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150	82.6	26027	PASS
442	442	100	100	100.0	163299	PASS
443	442	15	24	19.3	31501	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 39632.00 ng

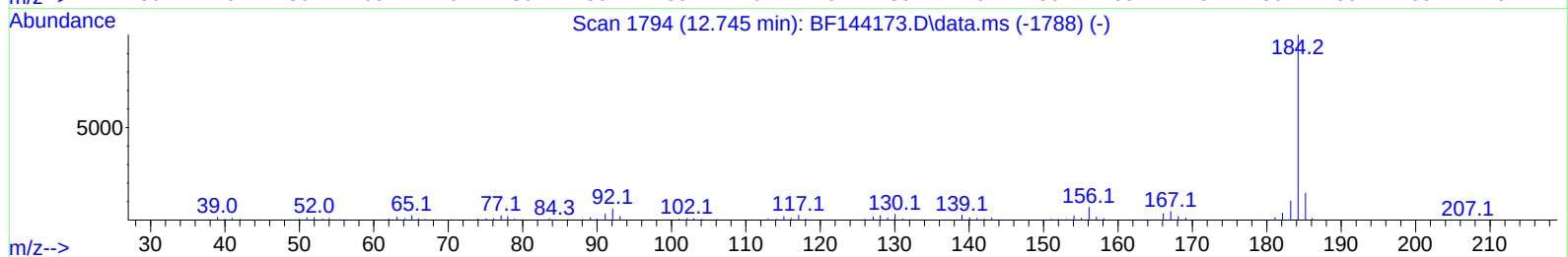
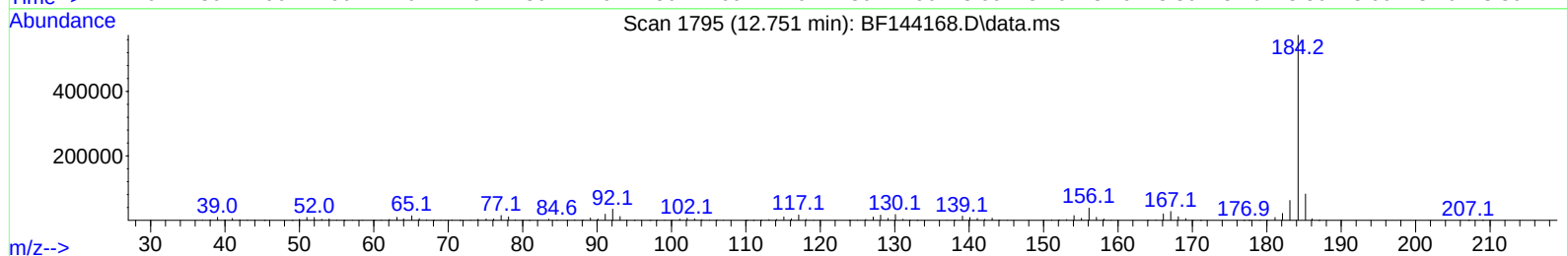
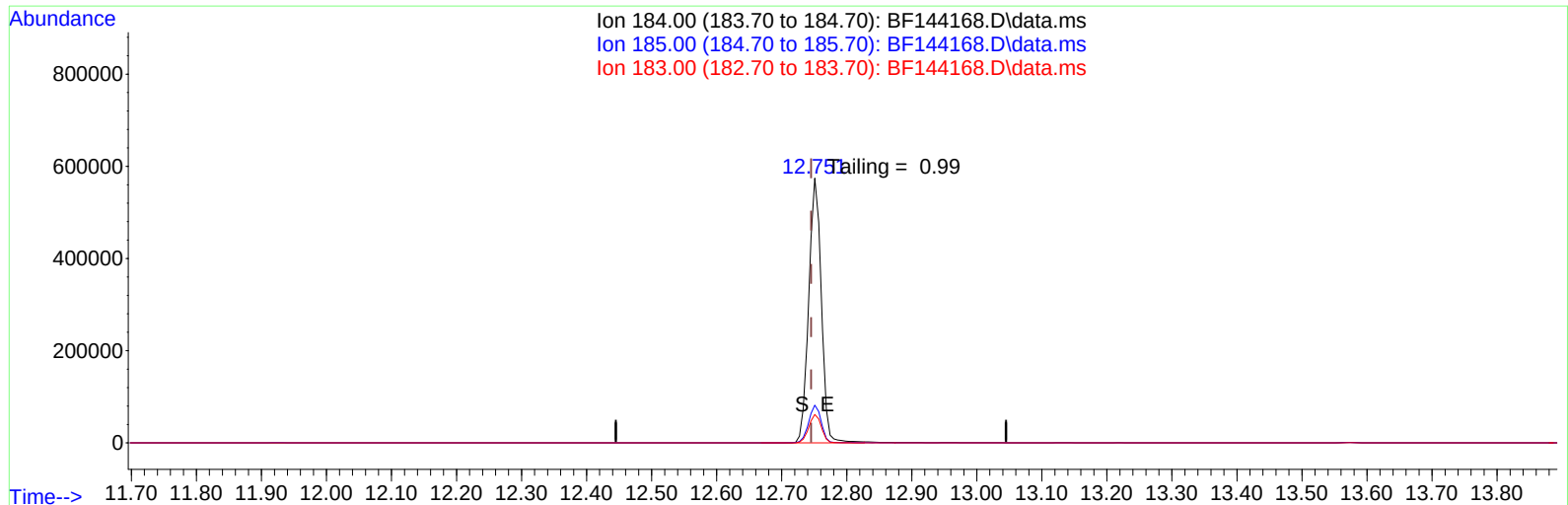
response 182948

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

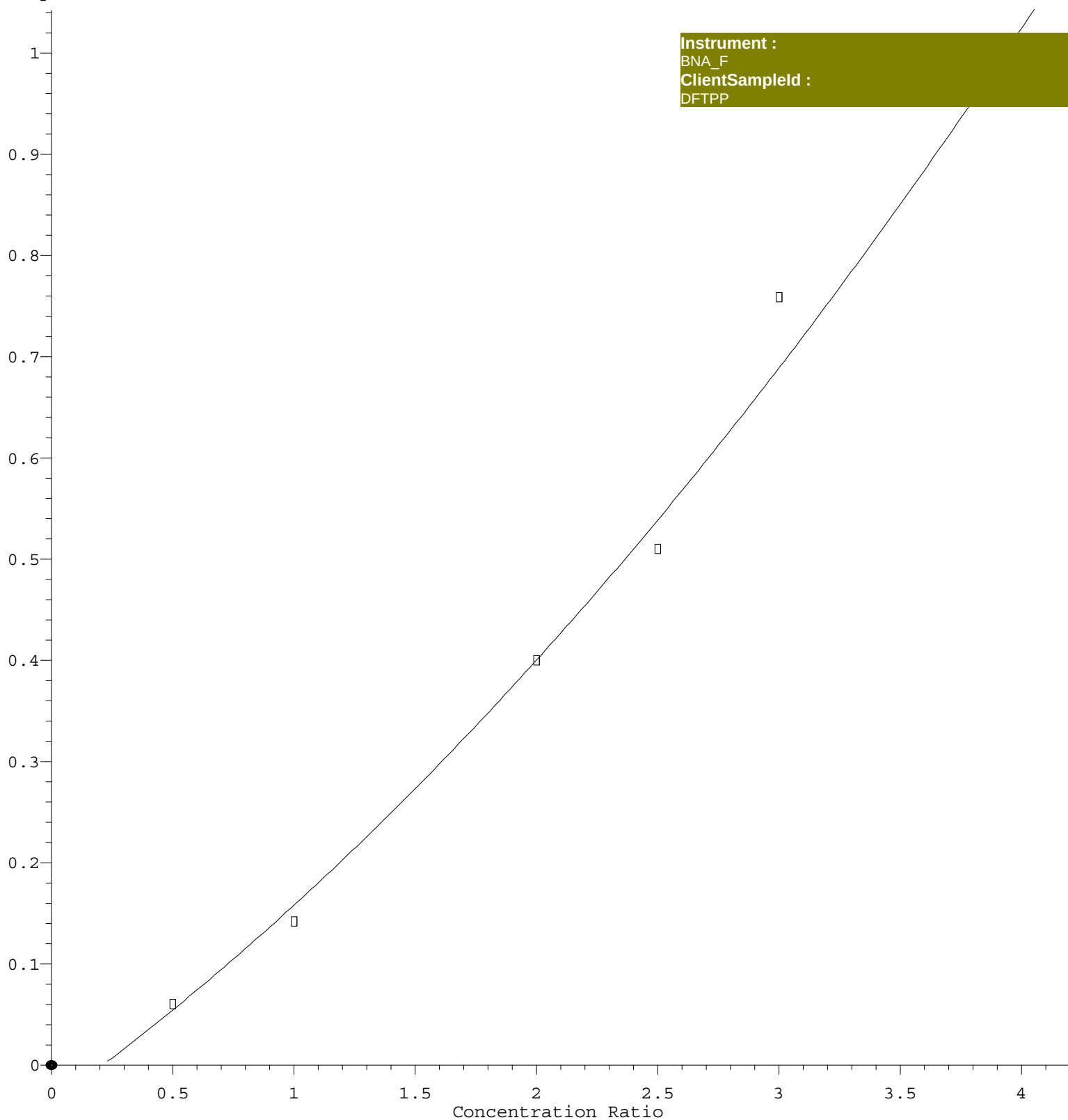
(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 777212

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.24
183.00	10.40	10.75
0.00	0.00	0.00

Response Ratio



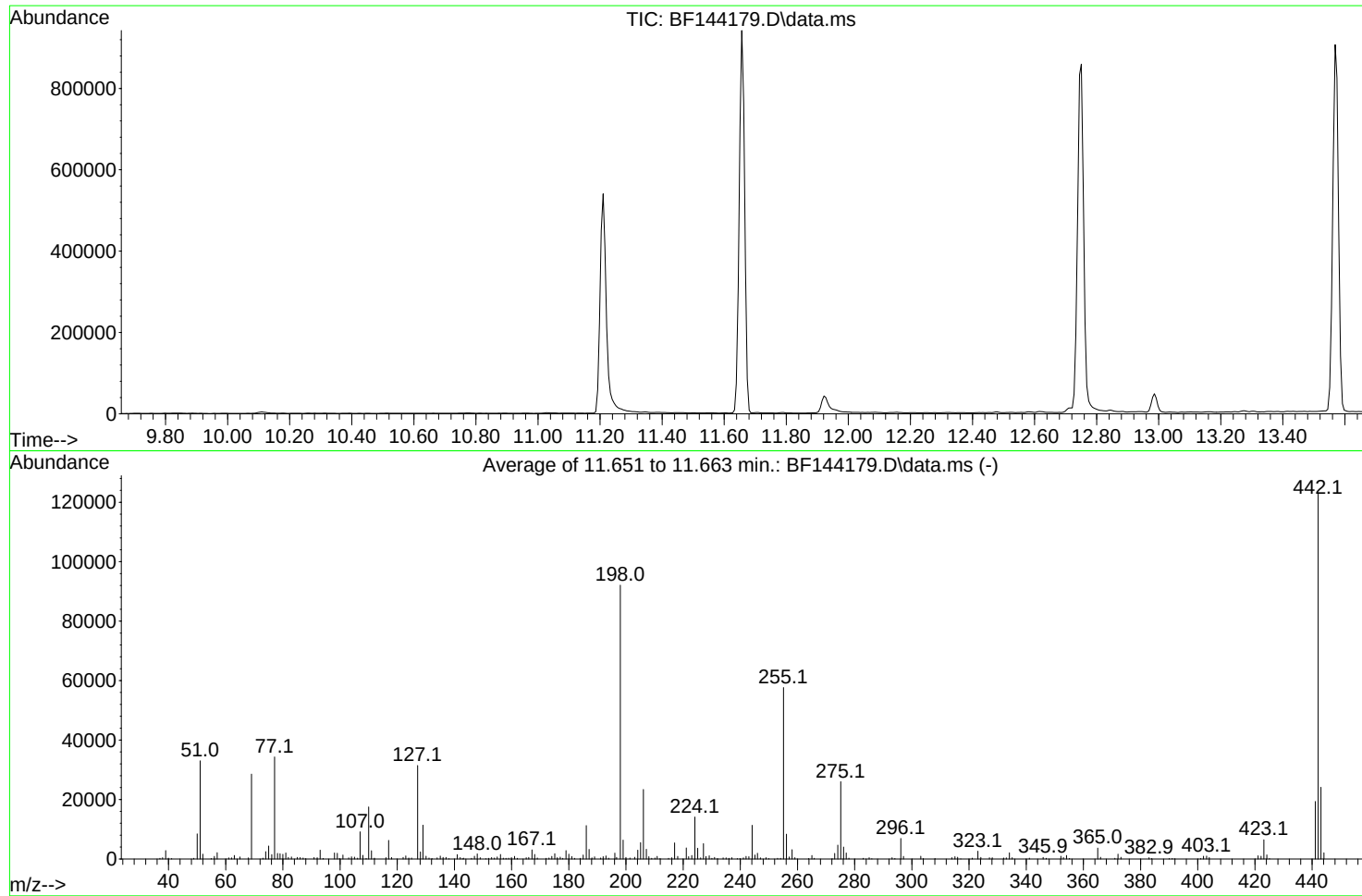
$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144179.D
Acq On : 06 Nov 2025 10:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



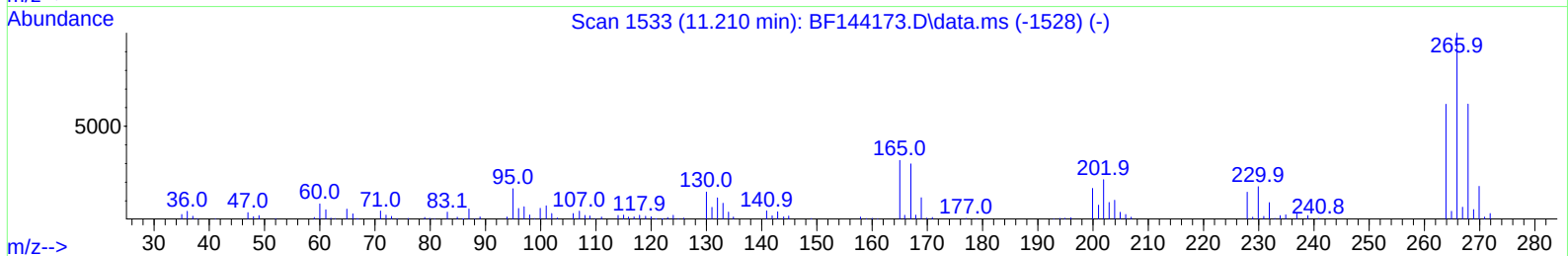
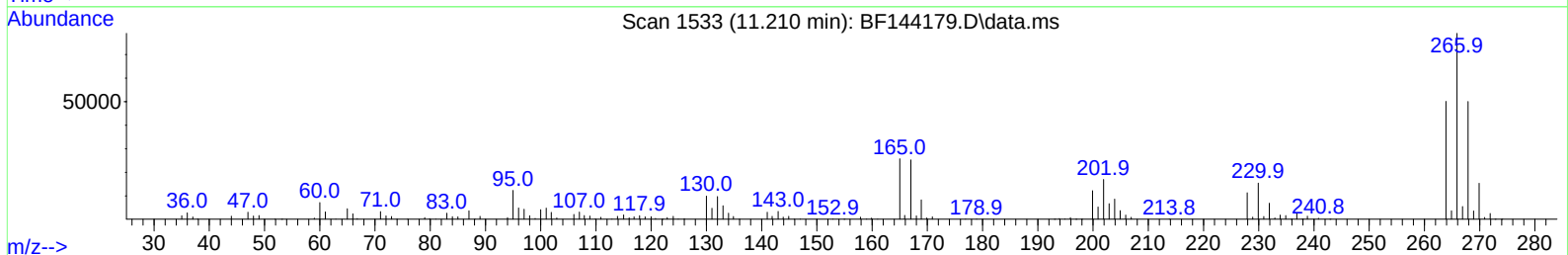
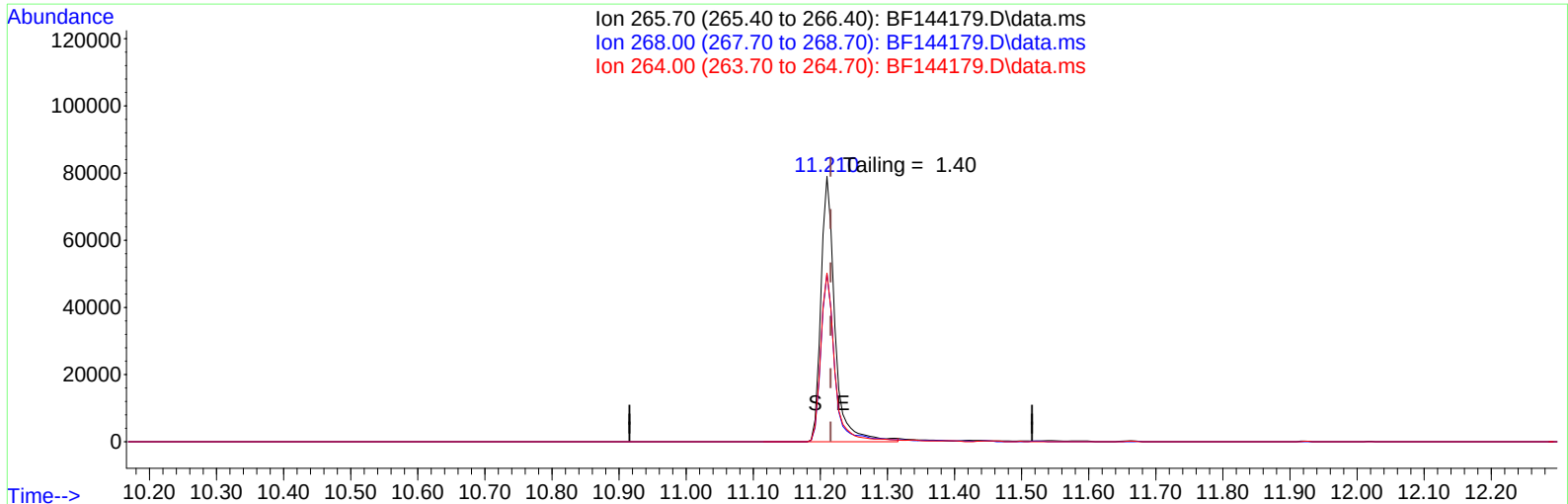
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.4	388	PASS
69	69	100	100	100.0	28549	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.6	527	PASS
198	198	100	100	100.0	92085	PASS
199	198	5	9	6.9	6362	PASS
365	198	1	100	4.0	3685	PASS
441	443	0.01	150	80.1	19318	PASS
442	442	100	100	100.0	122819	PASS
443	442	15	24	19.6	24107	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144179.D
Acq On : 06 Nov 2025 10:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 06 11:08:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144179.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 79231.71 ng

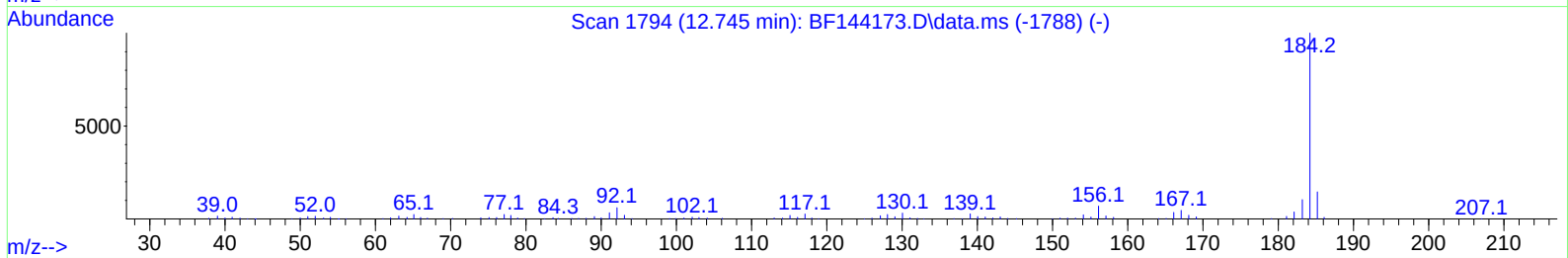
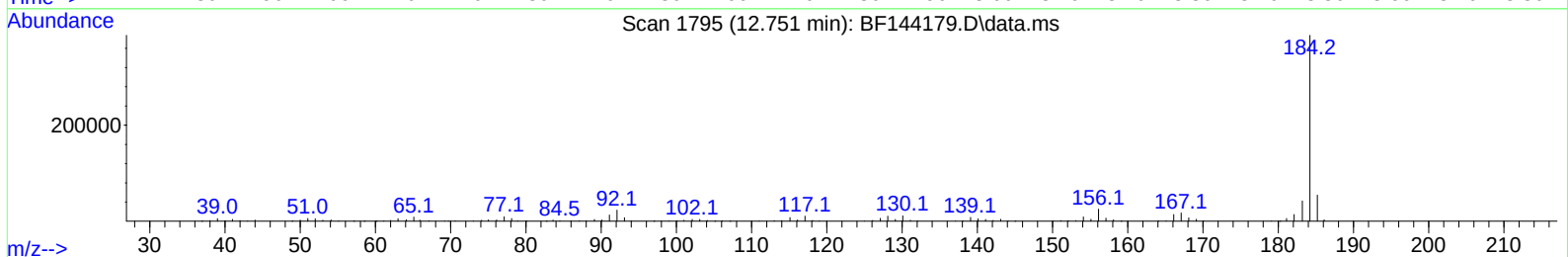
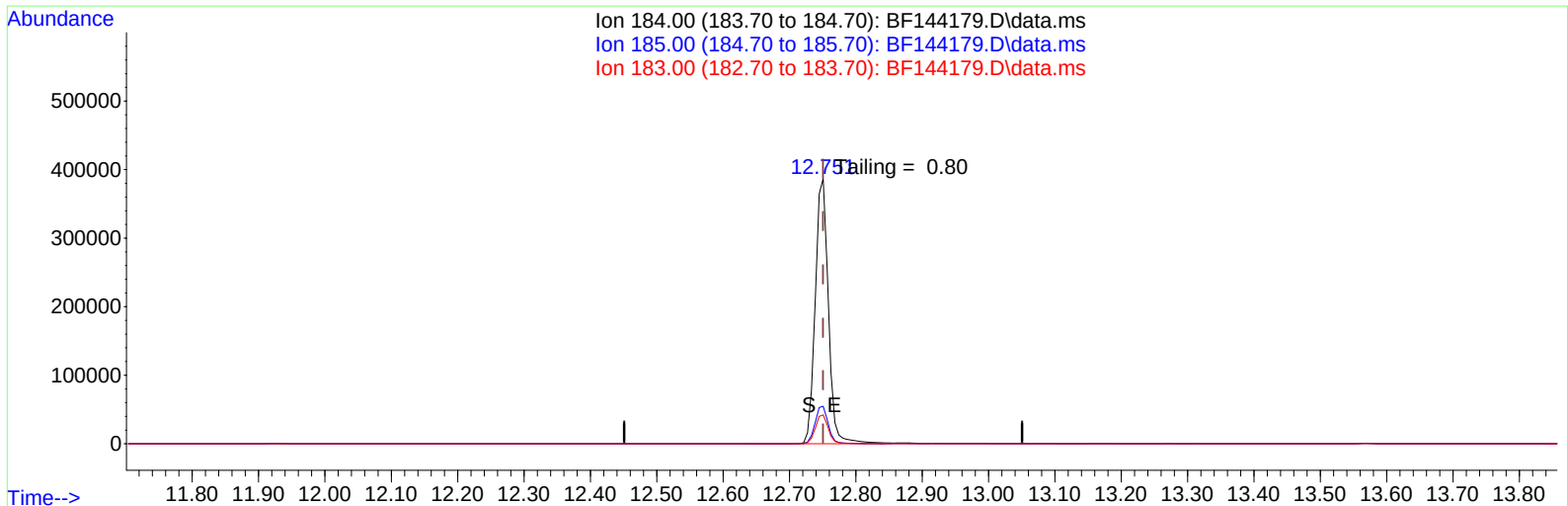
response 113889

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	63.36
264.00	61.80	63.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144179.D
Acq On : 06 Nov 2025 10:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 06 11:08:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144179.D\data.ms

(77) Benzidine

12.751min (-0.000) 11408.92 ng

response 534549

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.13
183.00	10.40	10.92
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/6/2025	BNA_F	<u>BF144179.D</u>
Compound Name	Response	Retention Time
DDT	252393	13.568
DDD	2828	13.274
DDE	499	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
3327	255720	1.30

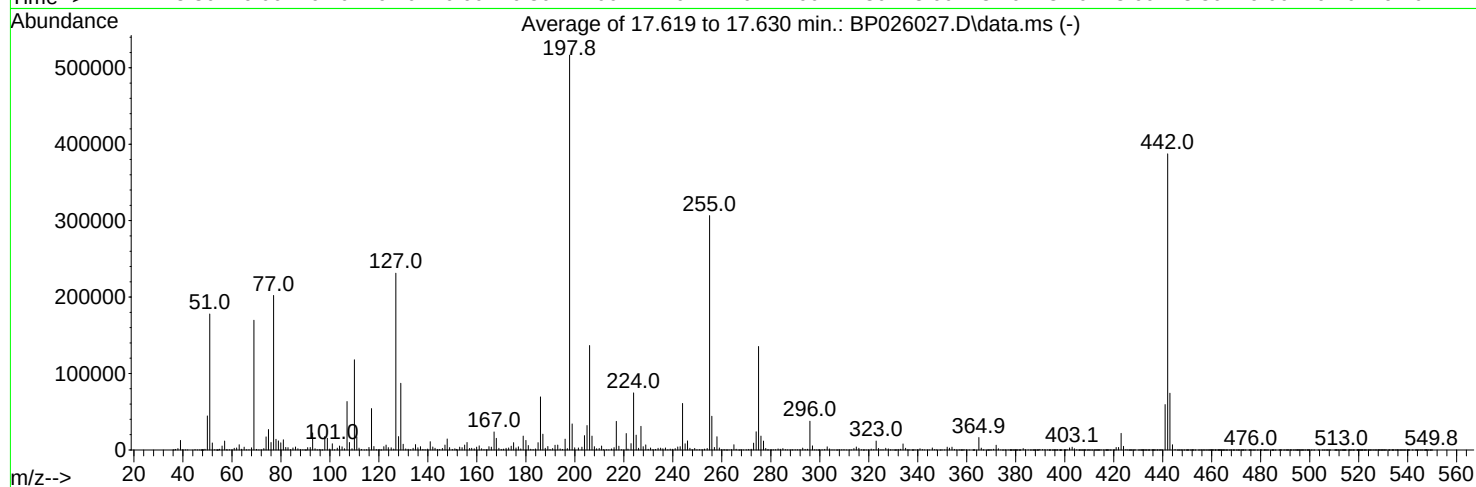
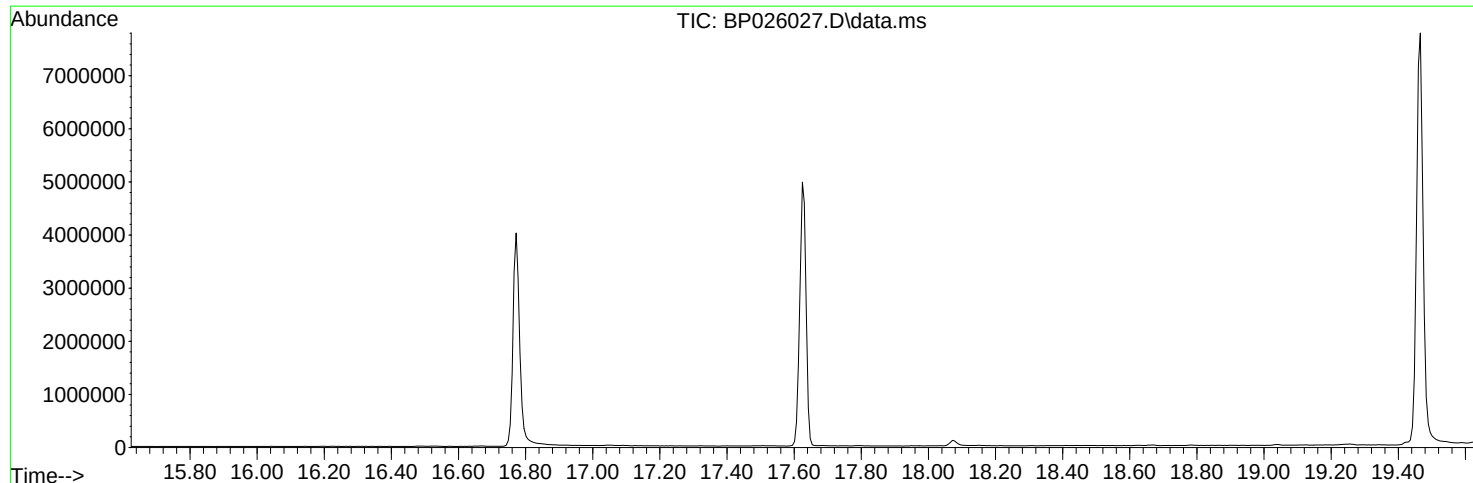
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025



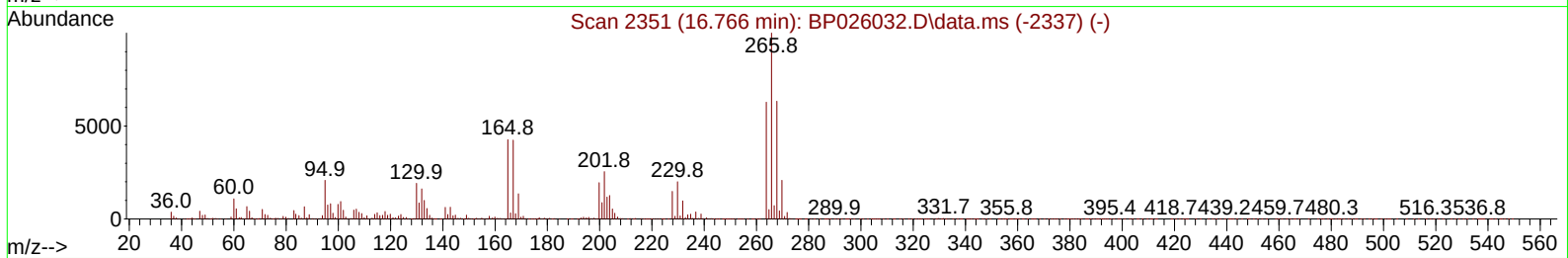
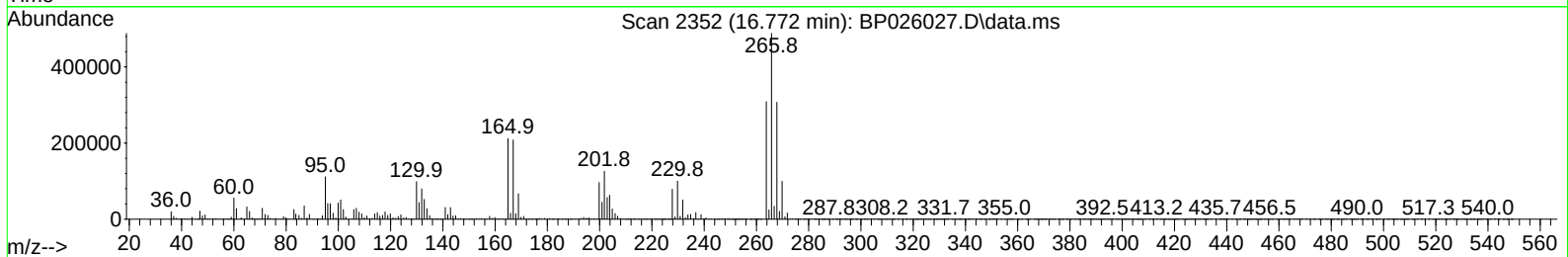
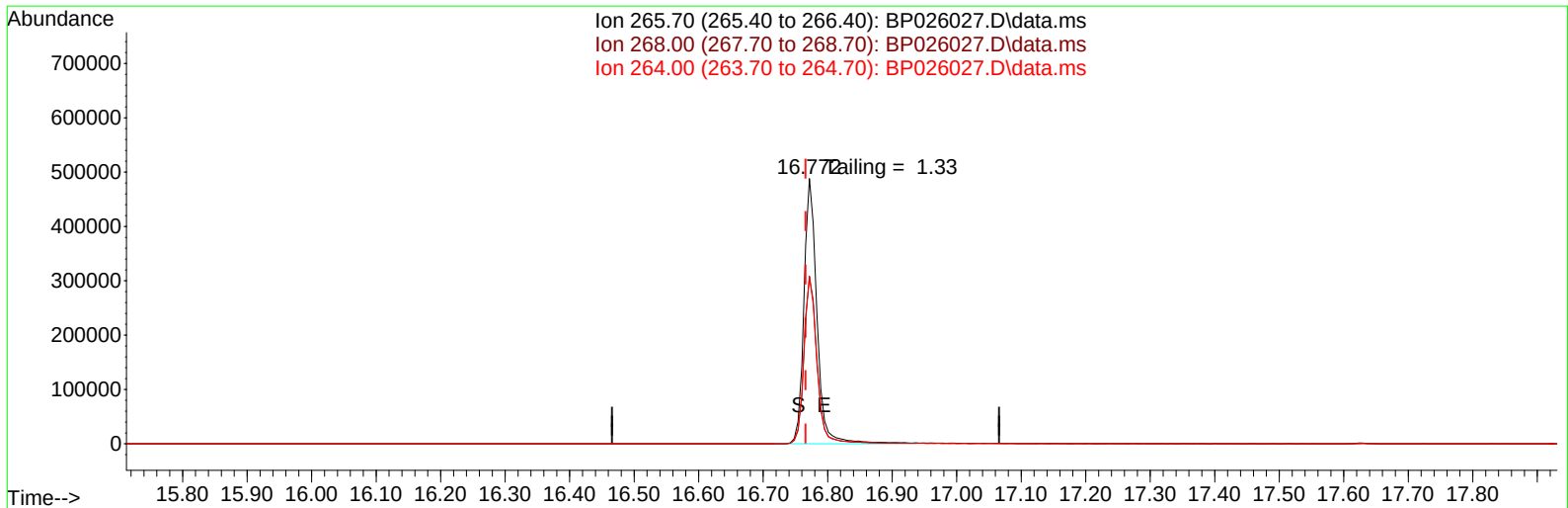
AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2484

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2792	PASS
69	69	100	100	100.0	169765	PASS
70	69	0.00	2	0.4	752	PASS
197	198	0.00	2	0.4	1827	PASS
198	198	100	100	100.0	516572	PASS
199	198	5	9	6.6	34035	PASS
365	198	1	100	3.1	16180	PASS
441	443	0.01	150	79.9	59342	PASS
442	442	100	100	100.0	387348	PASS
443	442	15	24	19.2	74271	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration



TIC: BP026027.D\data.ms

(70) Pentachlorophenol (C)

16.772min (+ 0.006) 52866.47 ng

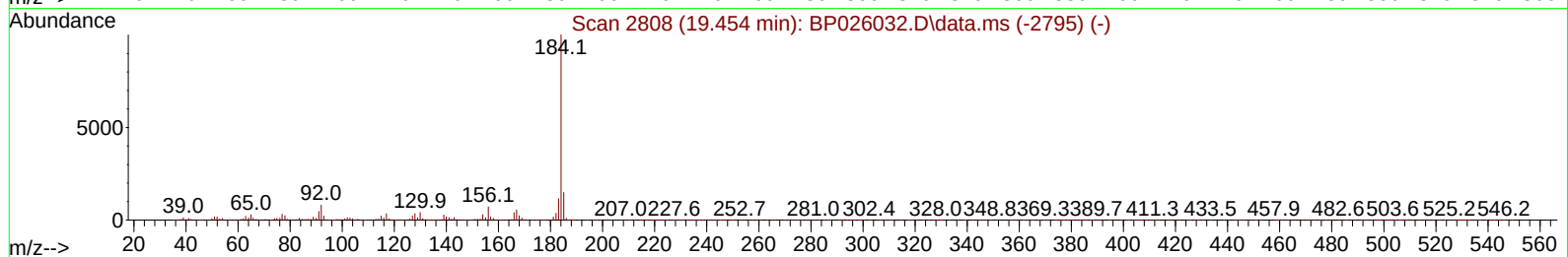
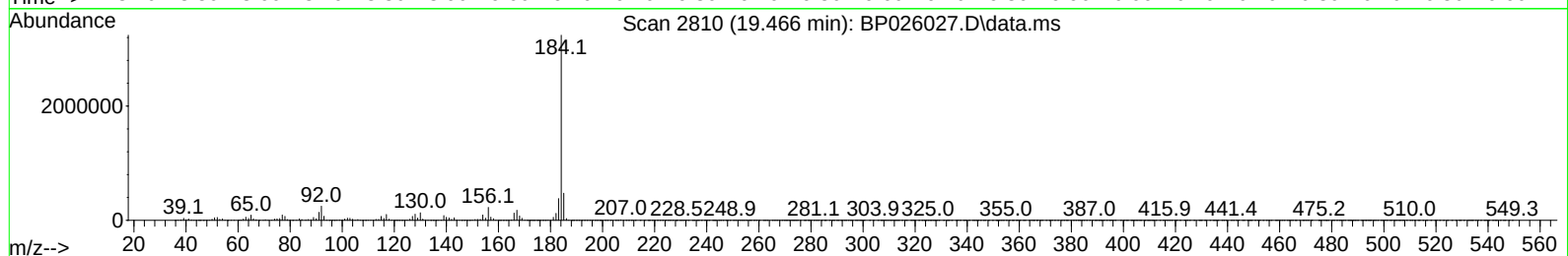
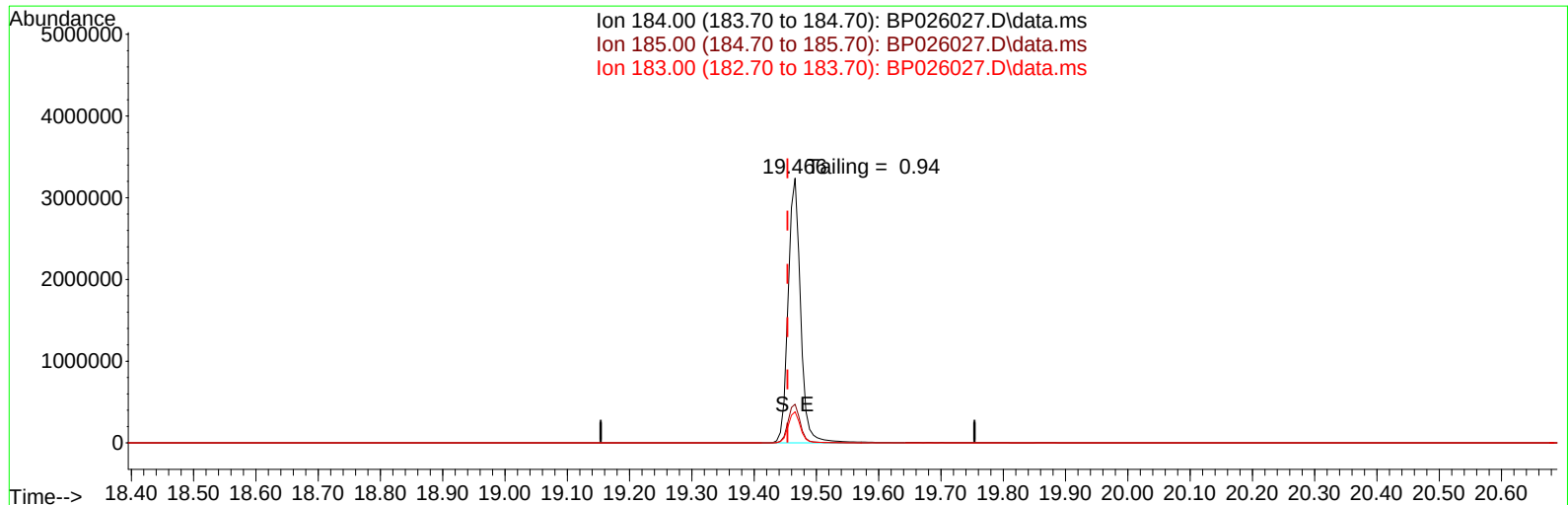
response 688723

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	62.93
264.00	62.80	63.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration



TIC: BP026027.D\data.ms

(77) Benzidine

19.466min (+ 0.012) 16317.24 ng

response 4546390

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.62
183.00	11.50	11.75
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/29/2025	BNA_P	<u>BP026027.D</u>
Compound Name	Response	Retention Time
DDT	1446445	20.766
DDD	18274	20.301
DDE	1074	19.866
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19348	1465793	1.32

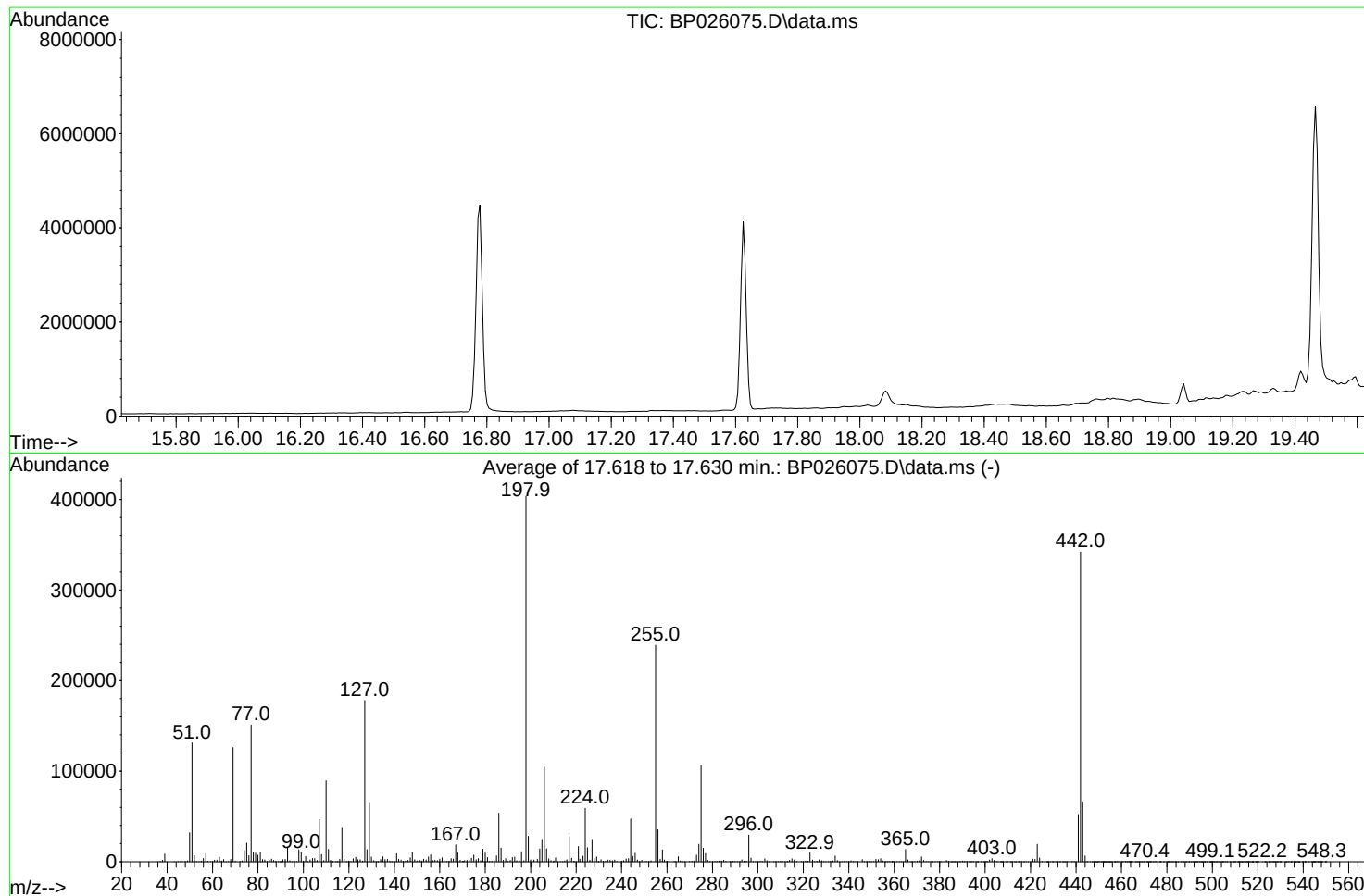
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026075.D
Acq On : 06 Nov 2025 12:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025



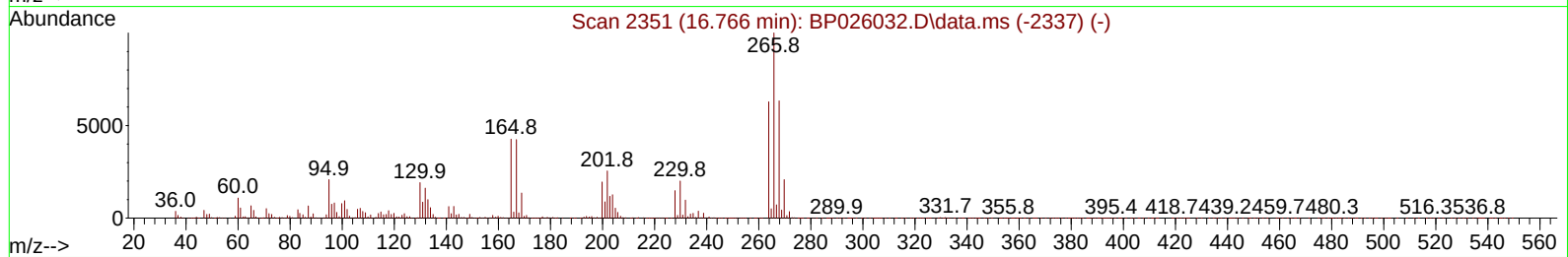
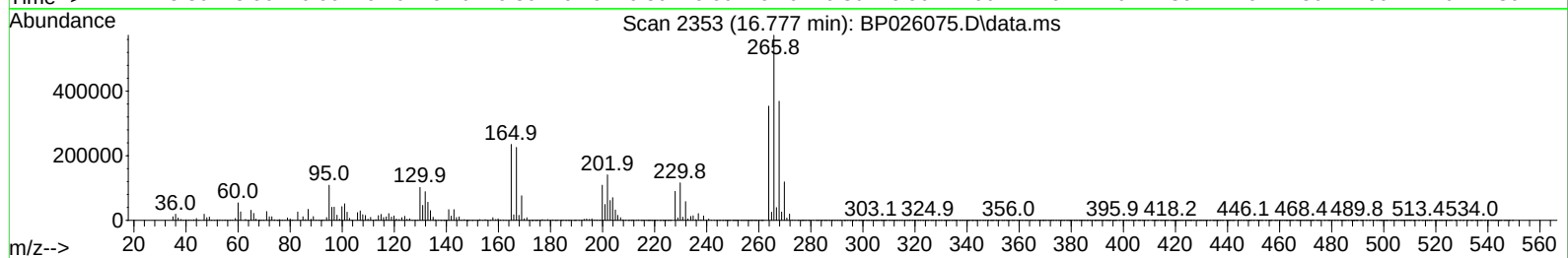
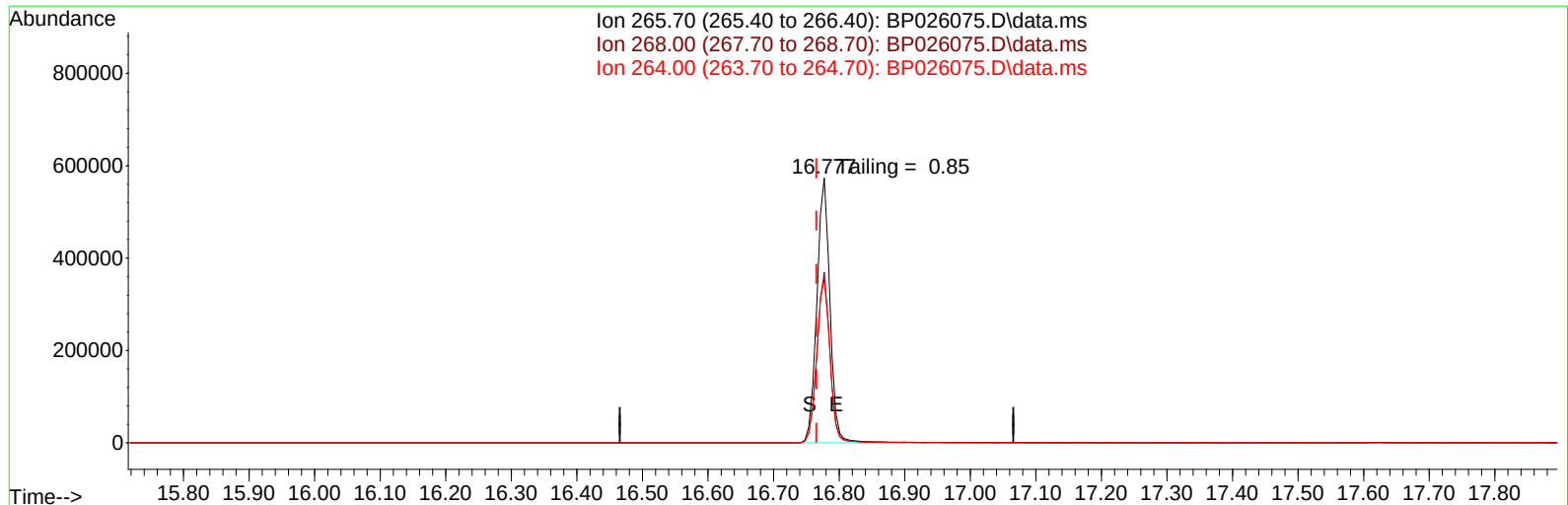
AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2488

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	2308	PASS
69	69	100	100	100.0	126049	PASS
70	69	0.00	2	0.5	614	PASS
197	198	0.00	2	0.3	1149	PASS
198	198	100	100	100.0	403539	PASS
199	198	5	9	7.0	28122	PASS
365	198	1	100	3.4	13536	PASS
441	443	0.01	150	79.1	52220	PASS
442	442	100	100	100.0	342246	PASS
443	442	15	24	19.3	66054	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026075.D
Acq On : 06 Nov 2025 12:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 06 14:04:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



TIC: BP026075.D\data.ms

(70) Pentachlorophenol (C)

16.777min (+ 0.012) 88742.13 ng

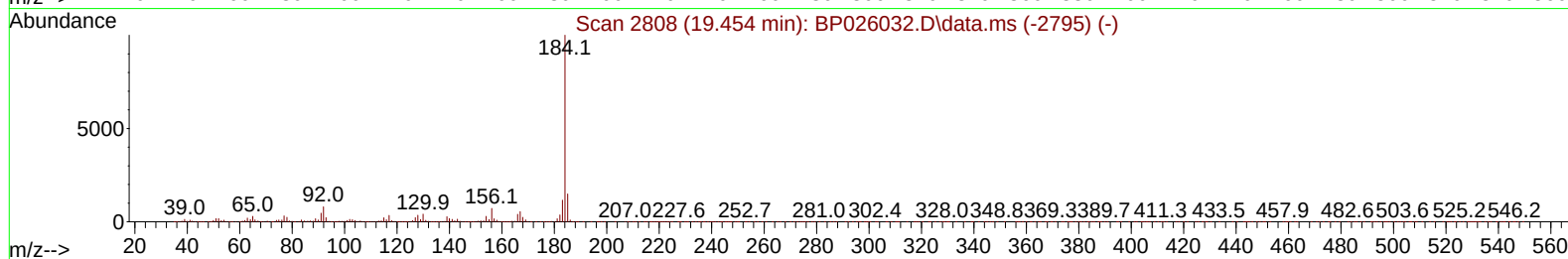
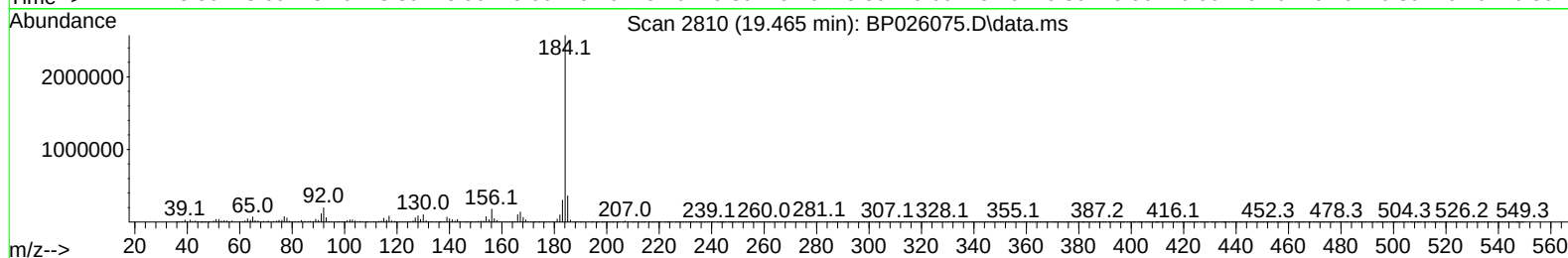
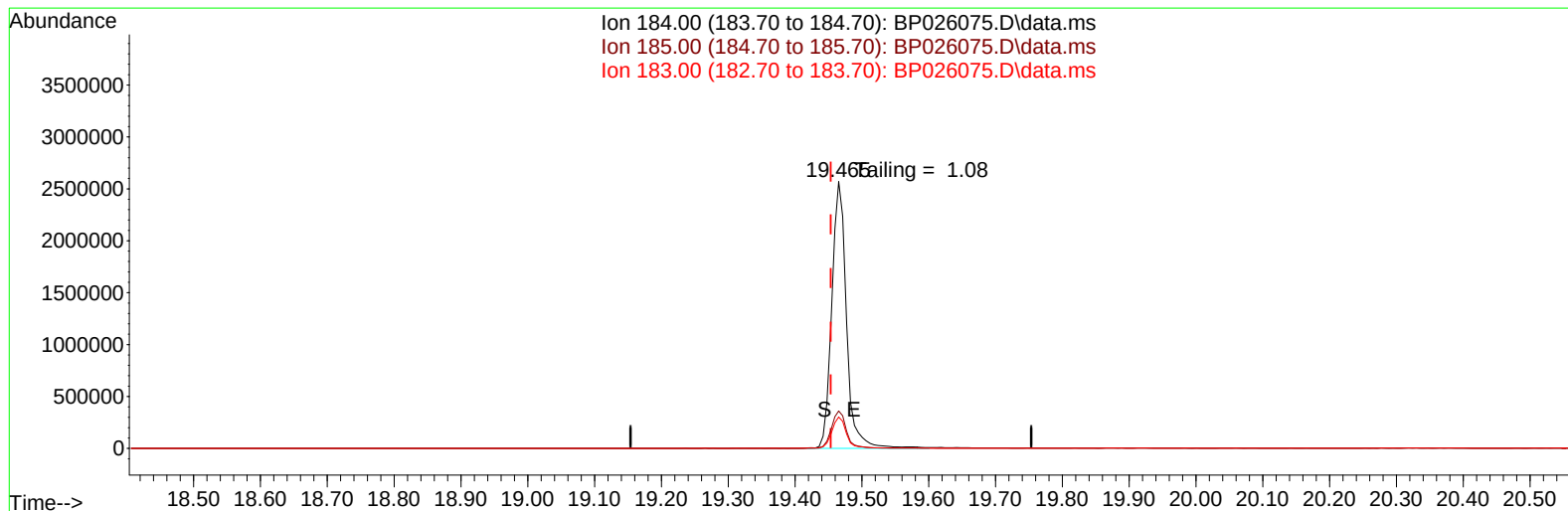
response 797426

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	64.36
264.00	62.80	61.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026075.D
Acq On : 06 Nov 2025 12:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 06 14:04:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



TIC: BP026075.D\data.ms

(77) Benzidine

19.465min (+ 0.012) 35734.65 ng

response 3913872

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.04
183.00	11.50	11.78
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/6/2025	BNA_P	<u>BP026075.D</u>
Compound Name	Response	Retention Time
DDT	1775922	20.765
DDD	39010	20.307
DDE	3948	19.777
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
42958	1818880	2.36

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170424BL	SDG No.:	Q3552
Lab Sample ID: PB170424BL	Matrix:	Water
Analytical Method: 8270E	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	SVOC-TCL BNA -20
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 14:13	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 14:13	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 14:13	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 14:13	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 14:13	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 14:13	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 14:13	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 14:13	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 14:13	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 14:13	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 14:13	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 14:13	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 14:13	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 14:13	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 14:13	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/06/25 14:13	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 14:13	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 14:13	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 14:13	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 14:13	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 14:13	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 14:13	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 14:13	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 14:13	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 14:13	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 14:13	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 14:13	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 14:13	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 14:13	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 14:13	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 14:13	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 14:13	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 14:13	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 14:13	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 14:13	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 14:13	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 14:13	PB170424

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170424BL		SDG No.:	Q3552
Lab Sample ID:	PB170424BL		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 14:13	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 14:13	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 14:13	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 14:13	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 14:13	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 14:13	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 14:13	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 14:13	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 14:13	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 14:13	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 14:13	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/06/25 14:13	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 14:13	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 14:13	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 14:13	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 14:13	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 14:13	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 14:13	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 14:13	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 14:13	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 14:13	PB170424

SURROGATES

367-12-4	2-Fluorophenol	138			15 (23) - 110 (138)	92%	SPK: 150
13127-88-3	Phenol-d6	133			15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.5			30 (67) - 130 (132)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6			30 (52) - 130 (132)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	169	*		15 (44) - 110 (137)	113%	SPK: 150
1718-51-0	Terphenyl-d14	89.5			30 (42) - 130 (152)	90%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	281000
1146-65-2	Naphthalene-d8	1090000
15067-26-2	Acenaphthene-d10	700000
1517-22-2	Phenanthrene-d10	1530000
1719-03-5	Chrysene-d12	1750000
1520-96-3	Perylene-d12	1980000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170424BL		SDG No.:	Q3552
Lab Sample ID:	PB170424BL		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Time: Nov 06 14:45:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	281412	20.000	ng	-0.03
21) Naphthalene-d8	10.437	136	1090241	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	699934	20.000	ng	-0.01
64) Phenanthrene-d10	17.136	188	1528535	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1747812	20.000	ng	0.02
86) Perylene-d12	24.936	264	1979388	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	2353394	137.994	ng	-0.02
7) Phenol-d6	6.831	99	2888806	133.083	ng	-0.02
23) Nitrobenzene-d5	8.795	82	1635887	93.540	ng	-0.03
42) 2,4,6-Tribromophenol	15.836	330	1281072	169.298	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4073635	83.629	ng	-0.01
79) Terphenyl-d14	19.877	244	7701953	89.529	ng	0.01

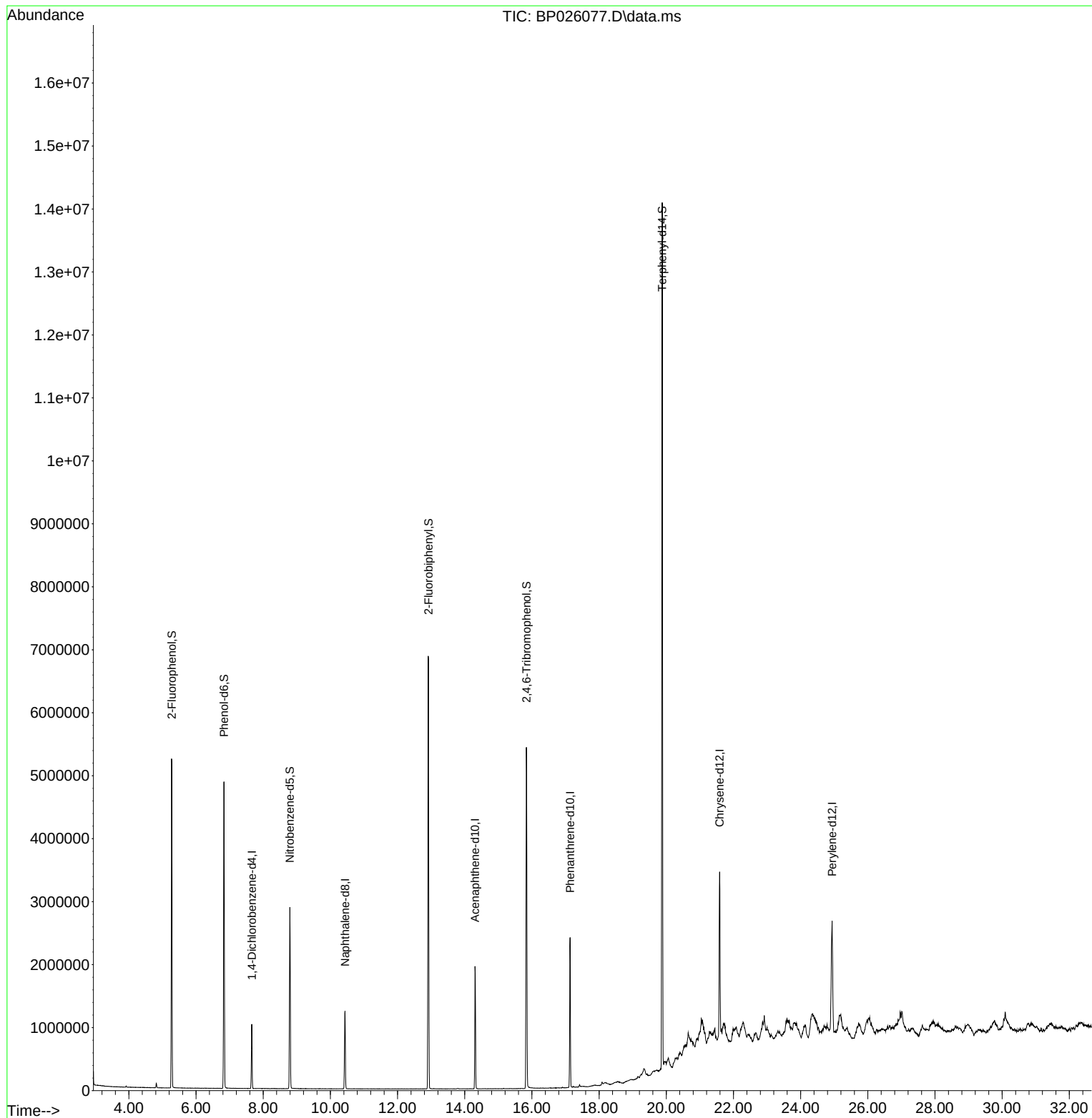
Target Compounds	Qvalue

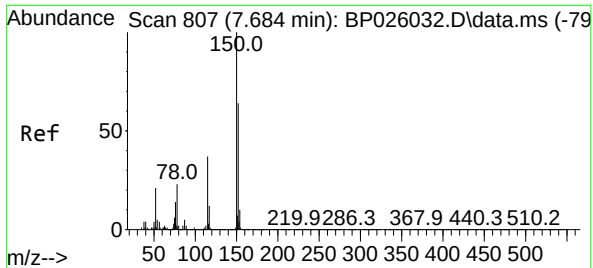
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Time: Nov 06 14:45:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

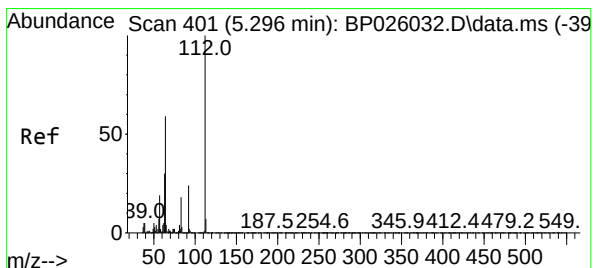
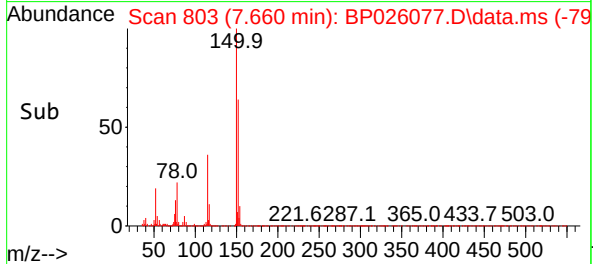
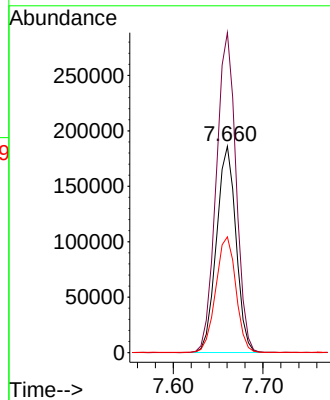
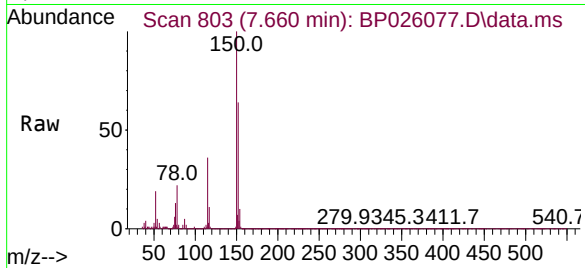




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.030 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

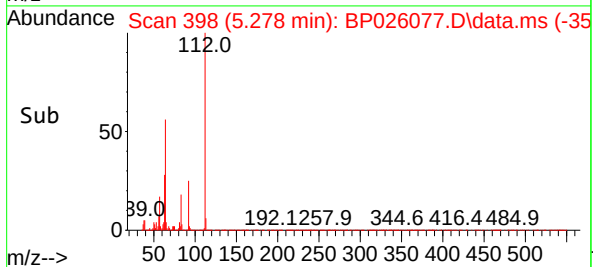
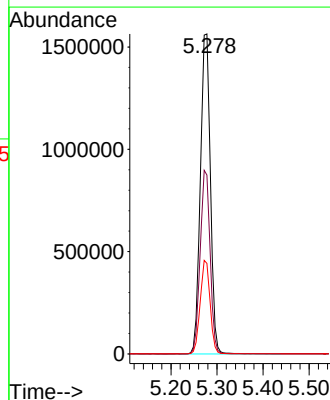
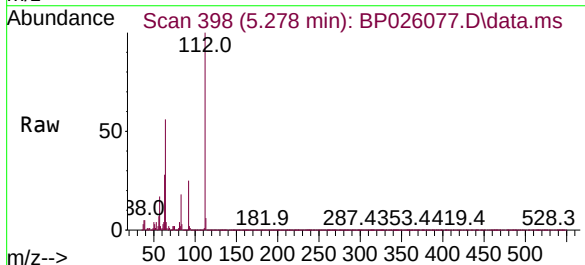
Instrument :
BNA_P
ClientSampleId :
PB170424BL

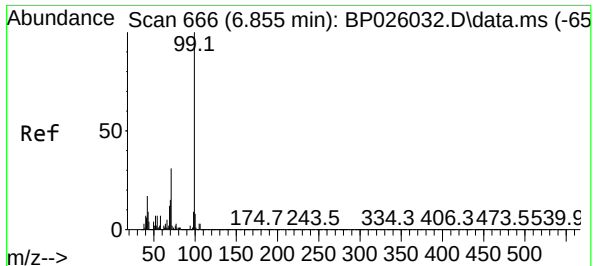
Tgt Ion:152 Resp: 281412
Ion Ratio Lower Upper
152 100
150 155.1 125.7 188.5
115 56.1 46.4 69.6



#5
2-Fluorophenol
Concen: 137.994 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:112 Resp: 2353394
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.2
63 28.3 24.2 36.4

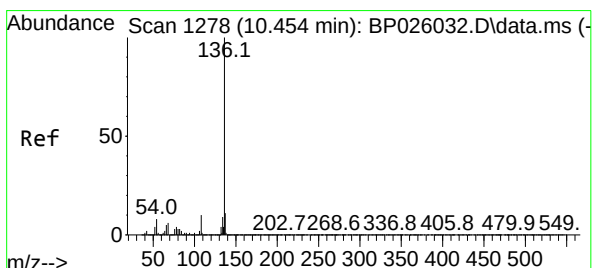
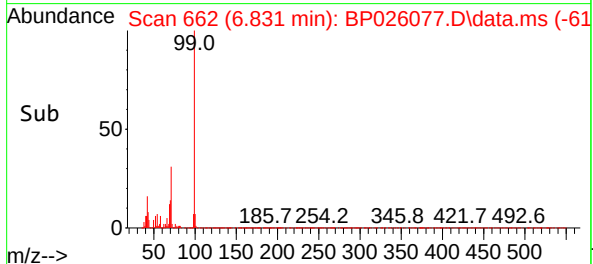
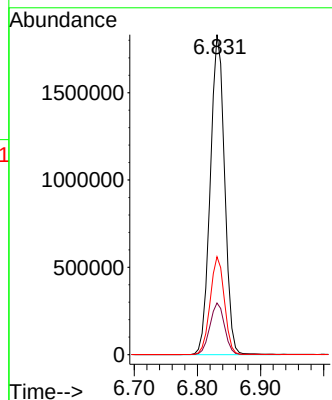
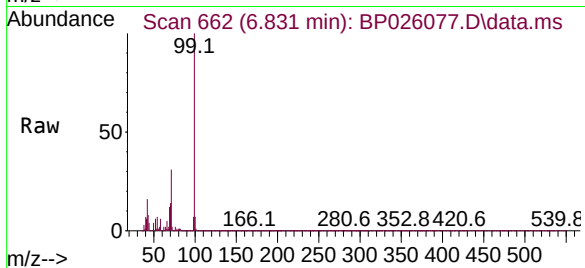




#7
Phenol-d6
Concen: 133.083 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

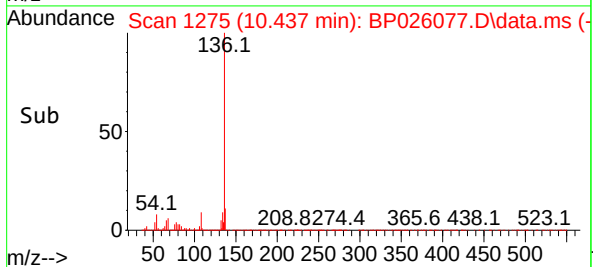
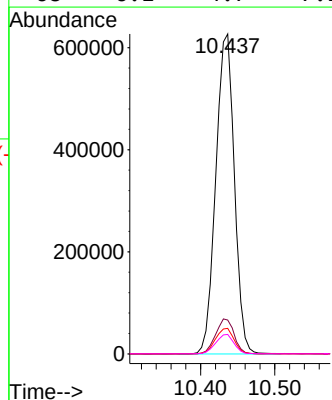
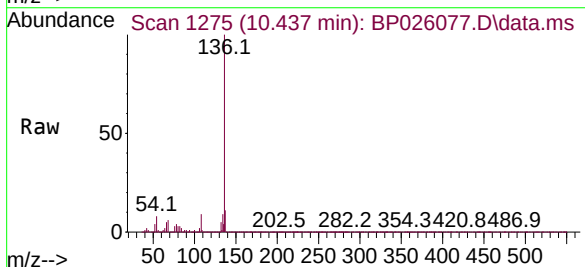
Instrument :
BNA_P
ClientSampleId :
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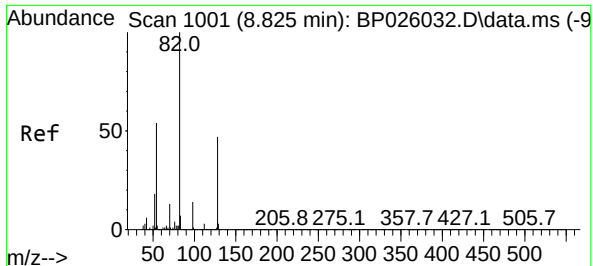
Tgt Ion: 99 Resp: 2888806
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion: 136 Resp: 1090241
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.0 6.6 10.0
68 6.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 93.540 ng

RT: 8.795 min Scan# 99

Delta R.T. -0.029 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Instrument :

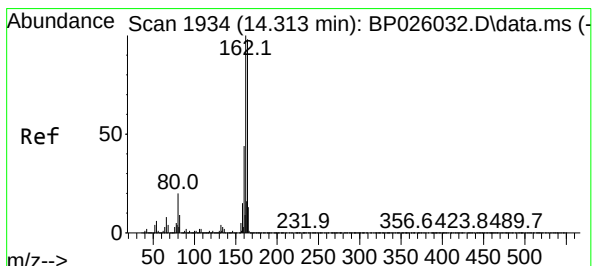
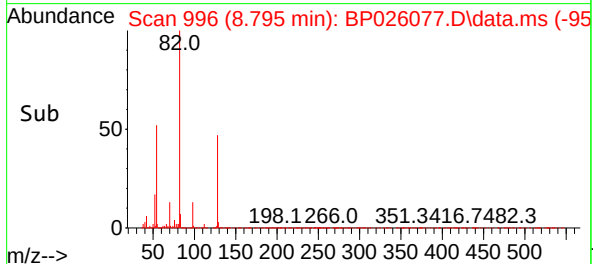
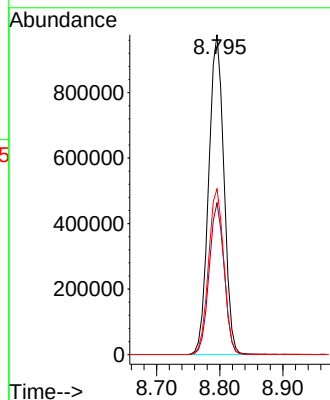
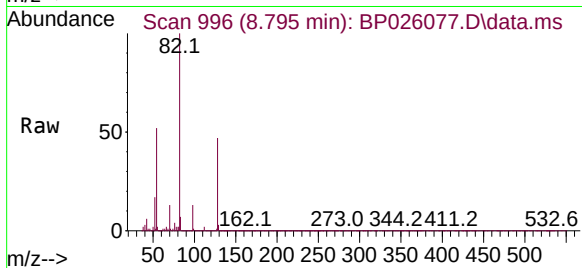
BNA_P

ClientSampleId :

PB170424BL

Tgt Ion: 82 Resp: 1635887

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.8	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.307 min Scan# 1933

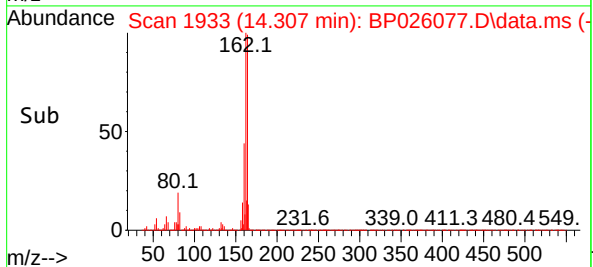
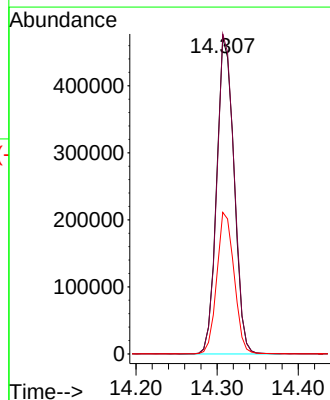
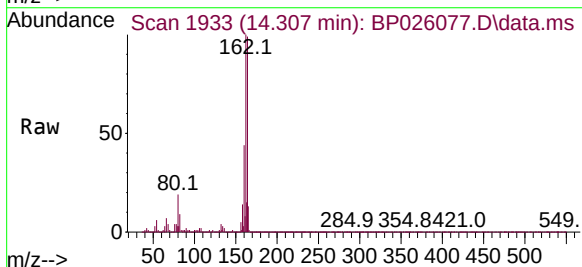
Delta R.T. -0.012 min

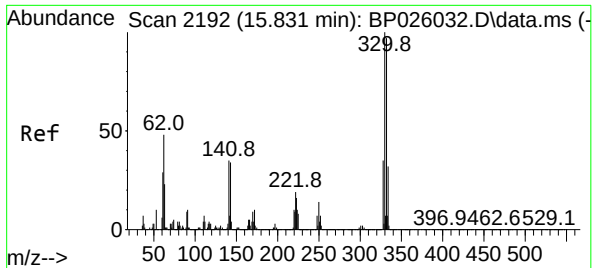
Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Tgt Ion:164 Resp: 699934

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.5	122.3
160	44.8	36.2	54.4

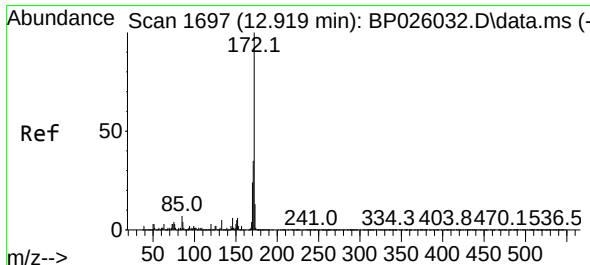
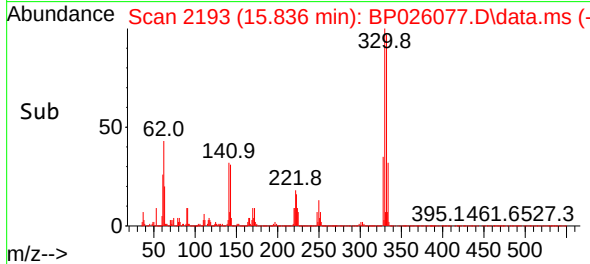
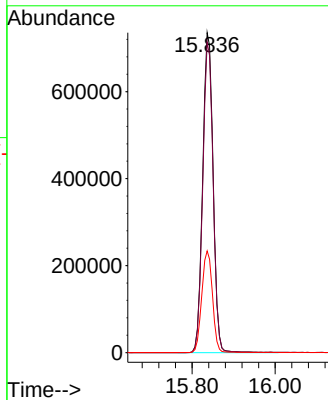
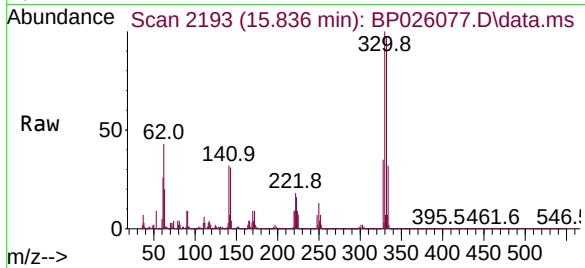




#42
2,4,6-Tribromophenol
Concen: 169.298 ng
RT: 15.836 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

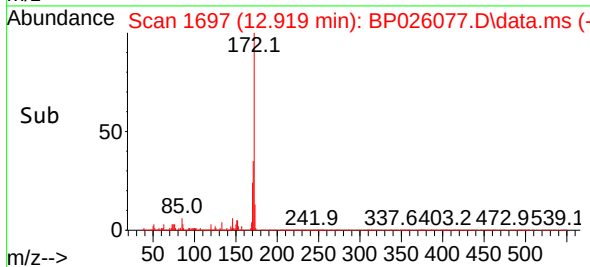
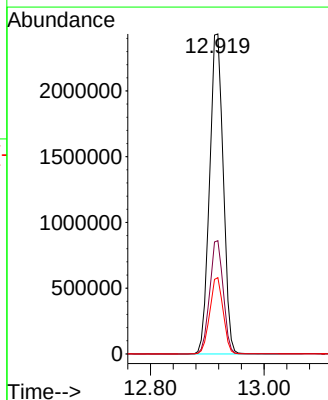
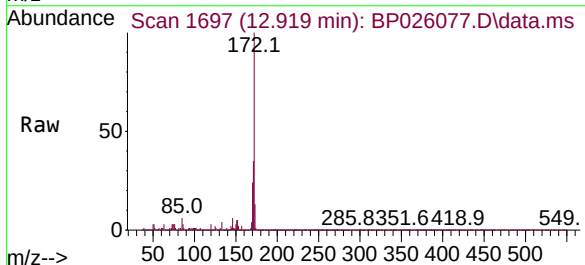
Instrument :
BNA_P
ClientSampleId :
PB170424BL

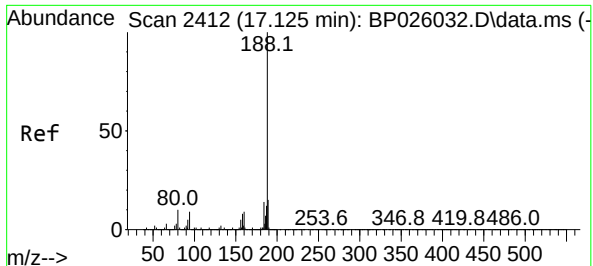
Tgt Ion: 330 Resp: 1281072
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 32.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 83.629 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion: 172 Resp: 4073635
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.8 19.0 28.4

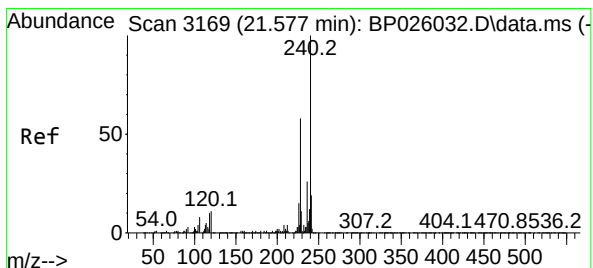
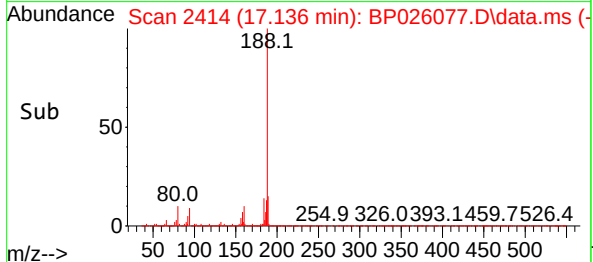
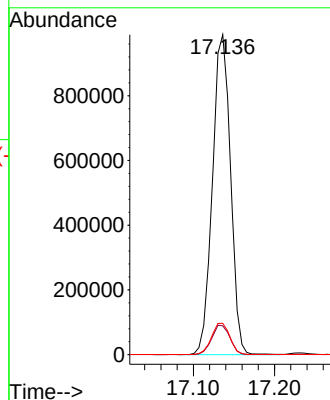
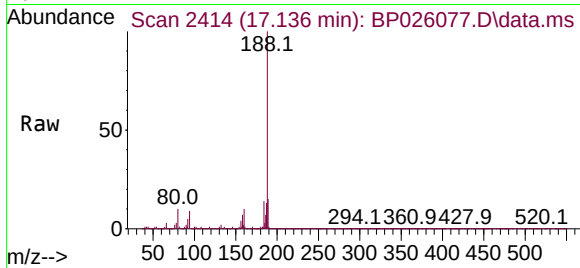




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2412
Delta R.T. 0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

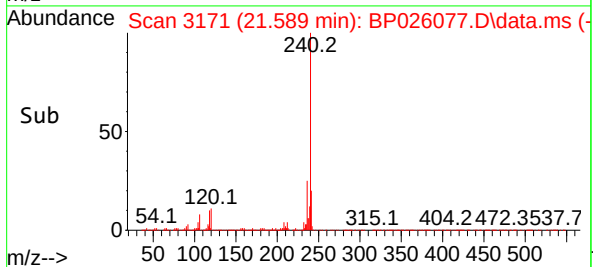
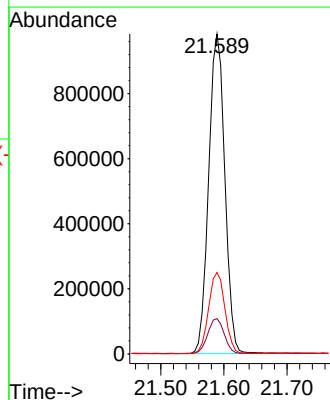
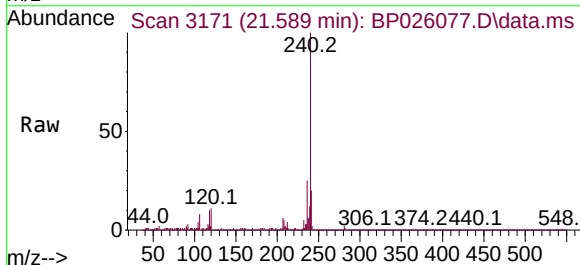
Instrument :
BNA_P
ClientSampleId :
PB170424BL

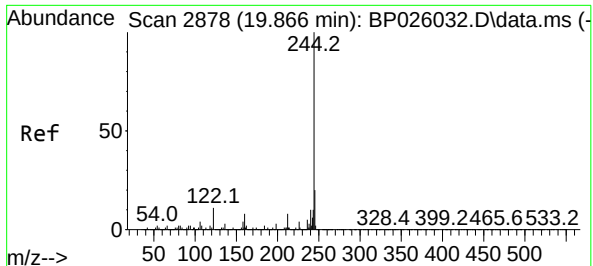
Tgt Ion:188 Resp: 1528535
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:240 Resp: 1747812
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.4 20.6 31.0

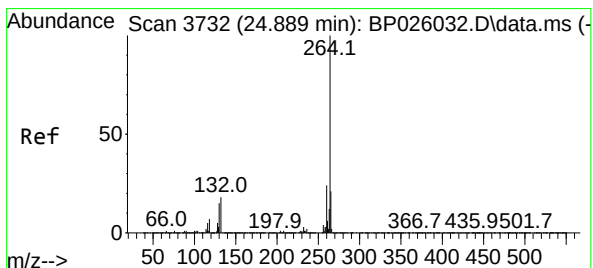
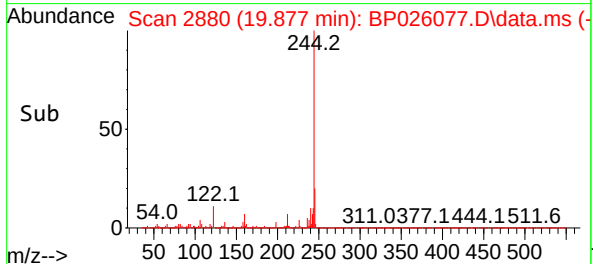
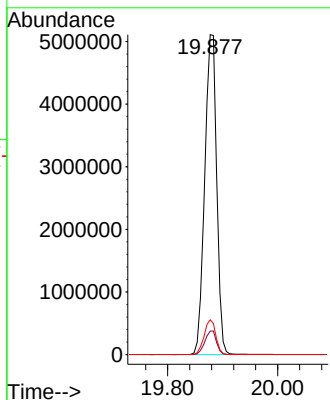
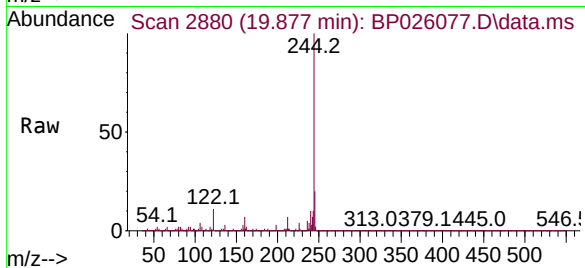




#79
 Terphenyl-d14
 Concen: 89.529 ng
 RT: 19.877 min Scan# 2878
 Delta R.T. 0.012 min
 Lab File: BP026077.D
 Acq: 06 Nov 2025 14:13

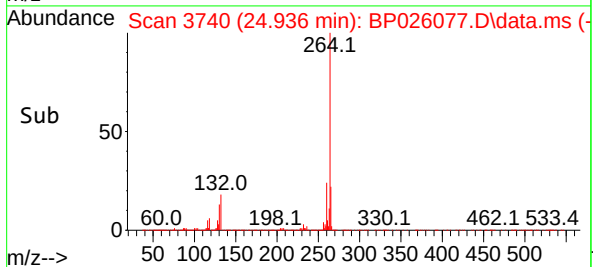
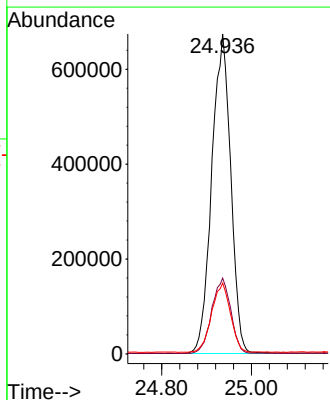
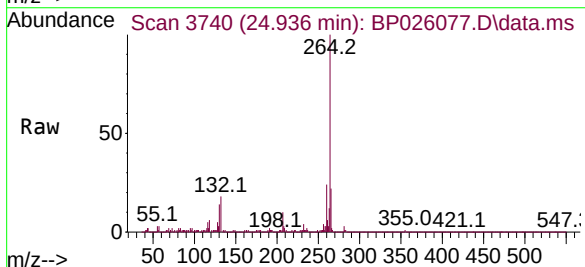
Instrument :
 BNA_P
 ClientSampleId :
 PB170424BL

Tgt Ion:244 Resp: 7701953
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.936 min Scan# 3740
 Delta R.T. 0.053 min
 Lab File: BP026077.D
 Acq: 06 Nov 2025 14:13

Tgt Ion:264 Resp: 1979388
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.1 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026077.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.272	390	397	411	rBV	5225583	7813506	37.86%	9.495%
2	6.831	654	662	676	rBV	4868587	7797066	37.78%	9.475%
3	7.660	795	803	811	rVB	1022746	1591887	7.71%	1.935%
4	8.795	987	996	1006	rBV	2880051	4866773	23.58%	5.914%
5	10.437	1266	1275	1287	rVB	1235166	2153237	10.43%	2.617%
6	12.913	1688	1696	1709	rBV	6875094	11469039	55.57%	13.938%
7	14.307	1927	1933	1943	rBV	1945595	2908102	14.09%	3.534%
8	15.836	2185	2193	2208	rBV	5417814	9565685	46.35%	11.625%
9	17.136	2406	2414	2425	rBV2	2381214	3736978	18.11%	4.541%
10	19.877	2874	2880	2888	rBV	13758790	20637705	100.00%	25.080%
11	21.589	3165	3171	3178	rBV2	2600389	4672550	22.64%	5.678%
12	24.936	3731	3740	3749	rVB	1761078	5076248	24.60%	6.169%

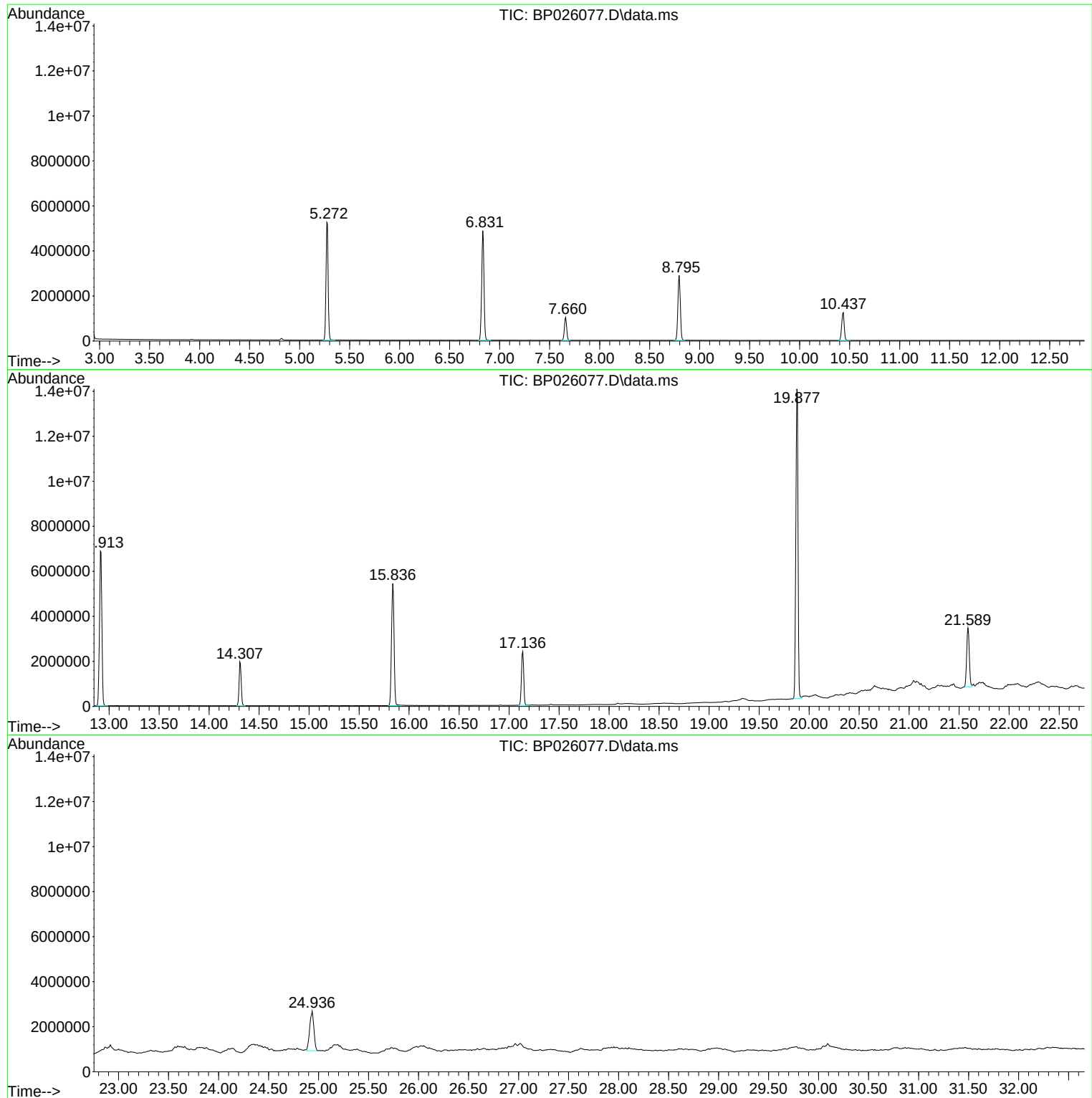
Sum of corrected areas: 82288776

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170424BS	SDG No.:	Q3552
Lab Sample ID: PB170424BS	Matrix:	Water
Analytical Method: 8270E	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	SVOC-TCL BNA -20
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	32.3		1	3.90	10.0	ug/L	11/06/25 14:54	PB170424
108-95-2	Phenol	46.6		1	0.91	5.00	ug/L	11/06/25 14:54	PB170424
111-44-4	bis(2-Chloroethyl)ether	41.7		1	0.81	5.00	ug/L	11/06/25 14:54	PB170424
95-57-8	2-Chlorophenol	47.9		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
95-48-7	2-Methylphenol	48.1		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	38.4		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
98-86-2	Acetophenone	47.6		1	0.74	5.00	ug/L	11/06/25 14:54	PB170424
65794-96-9	3+4-Methylphenols	47.9		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
621-64-7	n-Nitroso-di-n-propylamine	44.5		1	1.40	2.50	ug/L	11/06/25 14:54	PB170424
67-72-1	Hexachloroethane	43.4		1	0.65	5.00	ug/L	11/06/25 14:54	PB170424
98-95-3	Nitrobenzene	44.6		1	0.76	5.00	ug/L	11/06/25 14:54	PB170424
78-59-1	Isophorone	44.2		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
88-75-5	2-Nitrophenol	59.5		1	1.80	5.00	ug/L	11/06/25 14:54	PB170424
105-67-9	2,4-Dimethylphenol	52.0		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
120-83-2	2,4-Dichlorophenol	50.0		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
91-20-3	Naphthalene	41.9		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
106-47-8	4-Chloroaniline	29.8		1	0.84	5.00	ug/L	11/06/25 14:54	PB170424
87-68-3	Hexachlorobutadiene	42.1		1	0.54	5.00	ug/L	11/06/25 14:54	PB170424
105-60-2	Caprolactam	54.1		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
59-50-7	4-Chloro-3-methylphenol	52.4		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
91-57-6	2-Methylnaphthalene	39.6		1	0.56	5.00	ug/L	11/06/25 14:54	PB170424
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/06/25 14:54	PB170424
88-06-2	2,4,6-Trichlorophenol	51.4		1	0.51	5.00	ug/L	11/06/25 14:54	PB170424
95-95-4	2,4,5-Trichlorophenol	50.4		1	0.62	5.00	ug/L	11/06/25 14:54	PB170424
92-52-4	1,1-Biphenyl	46.8		1	0.53	5.00	ug/L	11/06/25 14:54	PB170424
91-58-7	2-Chloronaphthalene	41.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
88-74-4	2-Nitroaniline	49.0		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
131-11-3	Dimethylphthalate	46.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
208-96-8	Acenaphthylene	50.0		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
606-20-2	2,6-Dinitrotoluene	53.2		1	0.92	5.00	ug/L	11/06/25 14:54	PB170424
99-09-2	3-Nitroaniline	38.2		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
83-32-9	Acenaphthene	40.5		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	11/06/25 14:54	PB170424
100-02-7	4-Nitrophenol	110	E	1	2.40	10.0	ug/L	11/06/25 14:54	PB170424
132-64-9	Dibenzofuran	43.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
121-14-2	2,4-Dinitrotoluene	53.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
84-66-2	Diethylphthalate	47.7		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
7005-72-3	4-Chlorophenyl-phenylether	44.2		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
86-73-7	Fluorene	45.1		1	0.63	5.00	ug/L	11/06/25 14:54	PB170424
100-01-6	4-Nitroaniline	53.1		1	1.50	5.00	ug/L	11/06/25 14:54	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	57.8		1	2.90	10.0	ug/L	11/06/25 14:54	PB170424



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170424BS		SDG No.:	Q3552
Lab Sample ID:	PB170424BS		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.7		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
101-55-3	4-Bromophenyl-phenylether	43.3		1	0.40	5.00	ug/L	11/06/25 14:54	PB170424
118-74-1	Hexachlorobenzene	44.3		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
1912-24-9	Atrazine	50.8		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
87-86-5	Pentachlorophenol	120	E	1	1.60	10.0	ug/L	11/06/25 14:54	PB170424
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
120-12-7	Anthracene	44.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
86-74-8	Carbazole	45.9		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424
84-74-2	Di-n-butylphthalate	49.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
206-44-0	Fluoranthene	46.3		1	0.82	5.00	ug/L	11/06/25 14:54	PB170424
129-00-0	Pyrene	43.7		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
85-68-7	Butylbenzylphthalate	52.6		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
91-94-1	3,3-Dichlorobenzidine	39.4		1	0.93	10.0	ug/L	11/06/25 14:54	PB170424
56-55-3	Benzo(a)anthracene	44.1		1	0.45	5.00	ug/L	11/06/25 14:54	PB170424
218-01-9	Chrysene	42.8		1	0.44	5.00	ug/L	11/06/25 14:54	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	48.9		1	1.60	5.00	ug/L	11/06/25 14:54	PB170424
117-84-0	Di-n-octyl phthalate	58.0		1	2.30	10.0	ug/L	11/06/25 14:54	PB170424
205-99-2	Benzo(b)fluoranthene	47.0		1	0.49	5.00	ug/L	11/06/25 14:54	PB170424
207-08-9	Benzo(k)fluoranthene	45.4		1	0.48	5.00	ug/L	11/06/25 14:54	PB170424
50-32-8	Benzo(a)pyrene	48.9		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
53-70-3	Dibenzo(a,h)anthracene	48.3		1	0.67	5.00	ug/L	11/06/25 14:54	PB170424
191-24-2	Benzo(g,h,i)perylene	49.0		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	44.7		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
123-91-1	1,4-Dioxane	33.5		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	57.8		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424

SURROGATES

367-12-4	2-Fluorophenol	132		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	133		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.8		30 (67) - 130 (132)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.1		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	83.6		30 (42) - 130 (152)	84%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	267000
1146-65-2	Naphthalene-d8	1100000
15067-26-2	Acenaphthene-d10	743000
1517-22-2	Phenanthrene-d10	1610000
1719-03-5	Chrysene-d12	1770000
1520-96-3	Perylene-d12	1900000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170424BS		SDG No.:	Q3552
Lab Sample ID:	PB170424BS		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026078.D
 Acq On : 06 Nov 2025 14:54
 Operator : RC/JU
 Sample : PB170424BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170424BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 15:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	267481	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1101025	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	743151	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1605700	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1768366	20.000	ng	0.02
86) Perylene-d12	24.918	264	1900235	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2134431	131.674	ng	0.00
7) Phenol-d6	6.855	99	2739608	132.783	ng	0.00
23) Nitrobenzene-d5	8.819	82	1516048	85.838	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	1259976	156.827	ng	0.02
45) 2-Fluorobiphenyl	12.925	172	3989141	77.132	ng	0.00
79) Terphenyl-d14	19.878	244	7274300	83.575	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	228695	33.466	ng	98
3) Pyridine	3.614	79	625068	32.176	ng	98
4) n-Nitrosodimethylamine	3.525	42	319759	41.069	ng	94
6) Aniline	7.008	93	958128	34.796	ng	100
8) 2-Chlorophenol	7.249	128	858954	47.852	ng	99
9) Benzaldehyde	6.825	77	345997	32.260	ng	95
10) Phenol	6.884	94	1066604	46.566	ng	99
11) bis(2-Chloroethyl)ether	7.108	93	753091	41.661	ng	100
12) 1,3-Dichlorobenzene	7.572	146	868572	42.134	ng	99
13) 1,4-Dichlorobenzene	7.713	146	892245	42.809	ng	99
14) 1,2-Dichlorobenzene	8.025	146	856556	43.068	ng	98
15) Benzyl Alcohol	7.908	79	710449	47.765	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1049272	38.407	ng	98
17) 2-Methylphenol	8.113	107	721030	48.073	ng	99
18) Hexachloroethane	8.755	117	309247	43.360	ng	99
19) n-Nitroso-di-n-propyla...	8.478	70	569930	44.500	ng	98
20) 3+4-Methylphenols	8.437	107	999019	47.878	ng	99
22) Acetophenone	8.490	105	1324713	47.574	ng	# 97
24) Nitrobenzene	8.860	77	831145	44.571	ng	98
25) Isophorone	9.384	82	1671080	44.205	ng	99
26) 2-Nitrophenol	9.560	139	412794	59.463	ng	97
27) 2,4-Dimethylphenol	9.631	122	827301	52.041	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1035151	43.449	ng	99
29) 2,4-Dichlorophenol	10.102	162	839860	50.036	ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	821961	45.054	ng	98
31) Naphthalene	10.496	128	2518184	41.941	ng	100
32) Benzoic acid	9.766	122	733850	66.851	ng	96
33) 4-Chloroaniline	10.596	127	687819	29.812	ng	100
34) Hexachlorobutadiene	10.796	225	487756	42.071	ng	98
35) Caprolactam	11.372	113	318793	54.084	ng	# 85
36) 4-Chloro-3-methylphenol	11.737	107	921338	52.361	ng	97
37) 2-Methylnaphthalene	12.119	142	1662385	39.559	ng	99
38) 1-Methylnaphthalene	12.337	142	1745234	42.749	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1031085	44.654	ng	99
41) Hexachlorocyclopentadiene	12.472	237	1038818	122.960	ng	98
43) 2,4,6-Trichlorophenol	12.731	196	701691	51.412	ng	99

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 Acq On : 06 Nov 2025 14:54
 Operator : RC/JU
 Sample : PB170424BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170424BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 15:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	784179	50.353	ng	97
46) 1,1'-Biphenyl	13.137	154	2661227	46.767	ng	99
47) 2-Chloronaphthalene	13.178	162	1849030	41.299	ng	98
48) 2-Nitroaniline	13.378	65	565071	48.980	ng	95
49) Acenaphthylene	14.037	152	3262480	49.996	ng	99
50) Dimethylphthalate	13.778	163	2532955	46.858	ng	100
51) 2,6-Dinitrotoluene	13.884	165	540117	53.171	ng	94
52) Acenaphthene	14.390	154	1816312	40.545	ng	99
53) 3-Nitroaniline	14.213	138	458416	38.212	ng	94
54) 2,4-Dinitrophenol	14.431	184	585957	107.212	ng	98
55) Dibenzofuran	14.731	168	2969657	43.876	ng	99
56) 4-Nitrophenol	14.537	139	1146432	106.358	ng	96
57) 2,4-Dinitrotoluene	14.690	165	794705	53.238	ng	90
58) Fluorene	15.390	166	2393222	45.133	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	707680	57.794	ng	99
60) Diethylphthalate	15.172	149	2591597	47.689	ng	100
61) 4-Chlorophenyl-phenyle...	15.390	204	1171602	44.245	ng	99
62) 4-Nitroaniline	15.401	138	613474	53.110	ng	95
63) Azobenzene	15.690	77	2223930	45.155	ng	97
65) 4,6-Dinitro-2-methylph...	15.472	198	399647	57.808	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2194244	43.706	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	772035	43.345	ng	99
68) Hexachlorobenzene	16.419	284	897305	44.254	ng	98
69) Atrazine	16.595	200	860965	50.836	ng	99
70) Pentachlorophenol	16.772	266	1435012	115.866	ng	100
71) Phenanthrene	17.178	178	4032543	43.147	ng	100
72) Anthracene	17.266	178	4104031	44.300	ng	99
73) Carbazole	17.548	167	4027600	45.927	ng	99
74) Di-n-butylphthalate	18.148	149	4830149	49.223	ng	99
75) Fluoranthene	19.272	202	5051062	46.331	ng	99
77) Benzidine	19.460	184	1695764	37.780	ng	99
78) Pyrene	19.648	202	5228032	43.712	ng	99
80) Butylbenzylphthalate	20.613	149	2362622	52.562	ng	98
81) Benzo(a)anthracene	21.566	228	5354112	44.060	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	1541201	39.364	ng	99
83) Chrysene	21.636	228	4930677	42.834	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	3492262	48.947	ng	98
85) Di-n-octyl phthalate	22.807	149	6106180	58.006	ng	97
87) Indeno(1,2,3-cd)pyrene	28.689	276	6667852m	47.529	ng	
88) Benzo(b)fluoranthene	23.854	252	5544570	47.002	ng	99
89) Benzo(k)fluoranthene	23.936	252	5471101	45.417	ng	100
90) Benzo(a)pyrene	24.754	252	5303300	48.935	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	5511788	48.279	ng	99
92) Benzo(g,h,i)perylene	29.865	276	5388220	49.046	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

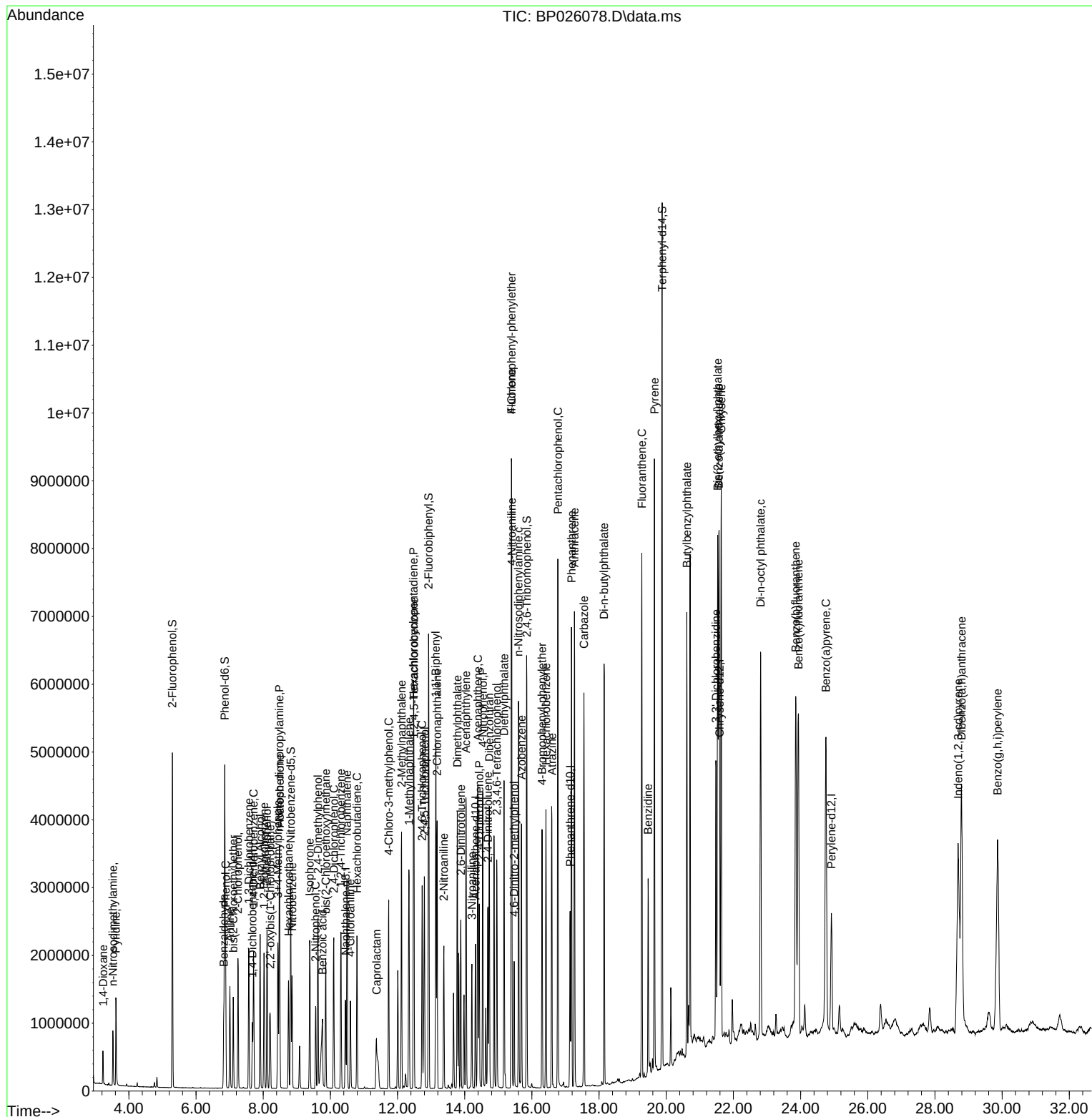
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Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

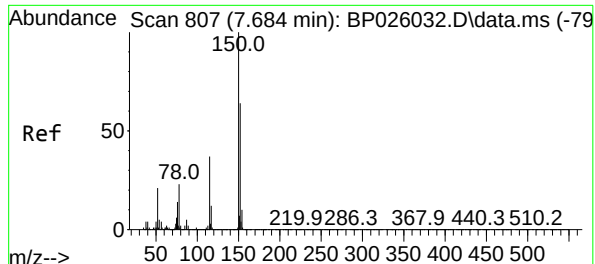
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ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 15:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





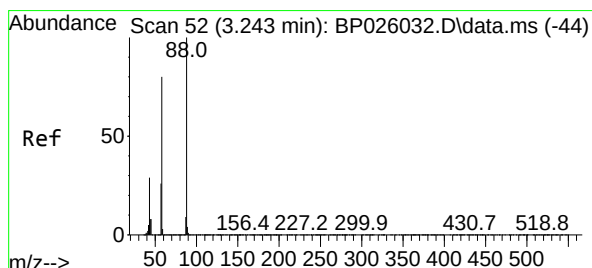
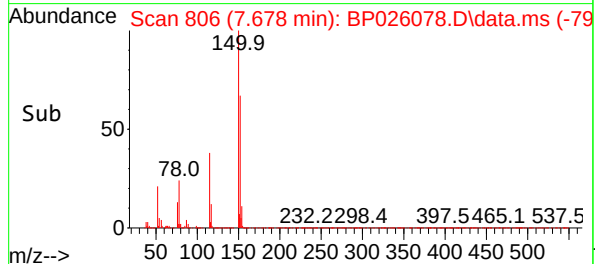
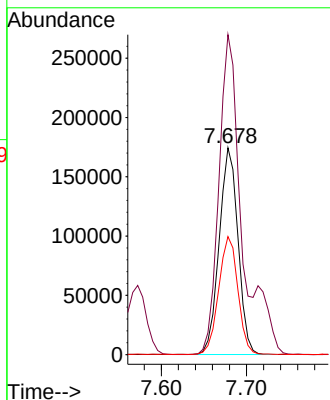
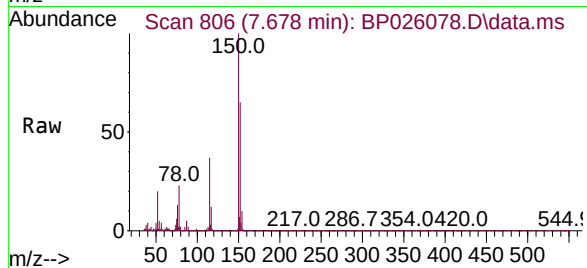
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026078.D
 Acq: 06 Nov 2025 14:54

Instrument :
 BNA_P
 ClientSampleId :
 PB170424BS

Tgt Ion: 152 Resp: 26748
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.7 188.5
 115 57.1 46.4 69.6

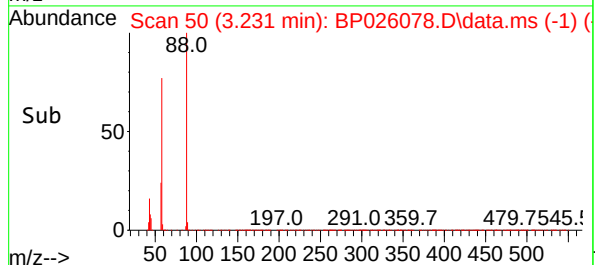
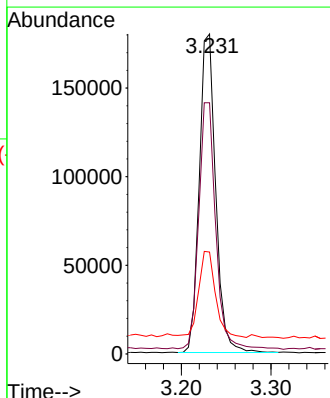
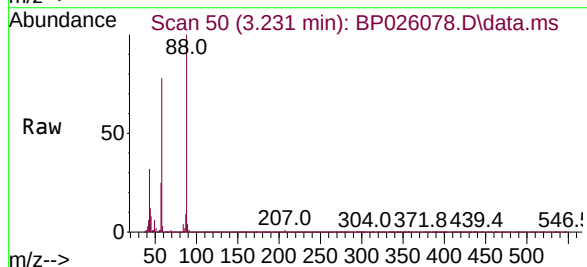
Manual Integrations
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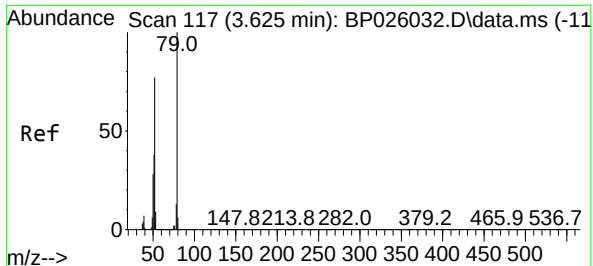
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#2
 1,4-Dioxane
 Concen: 33.466 ng
 RT: 3.231 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP026078.D
 Acq: 06 Nov 2025 14:54

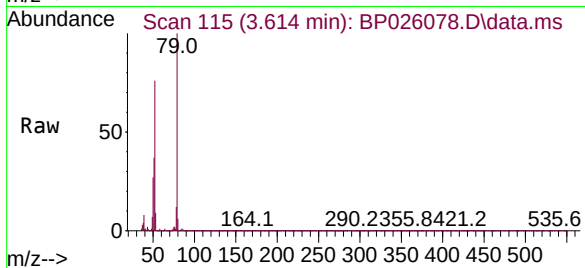
Tgt Ion: 88 Resp: 228695
 Ion Ratio Lower Upper
 88 100
 58 80.4 65.4 98.0
 43 27.9 23.1 34.7





#3
Pyridine
Concen: 32.176 ng
RT: 3.614 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

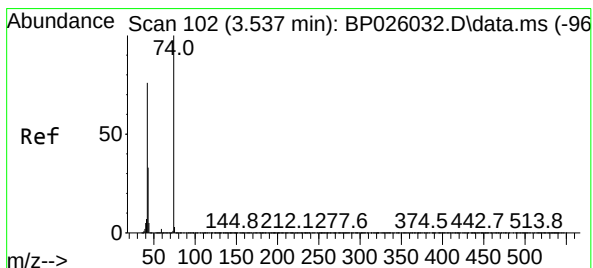
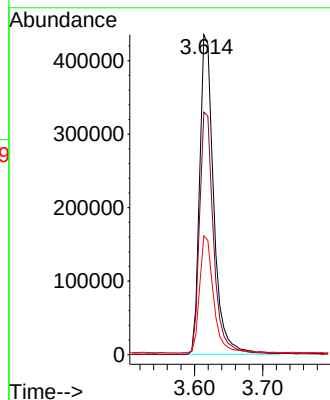
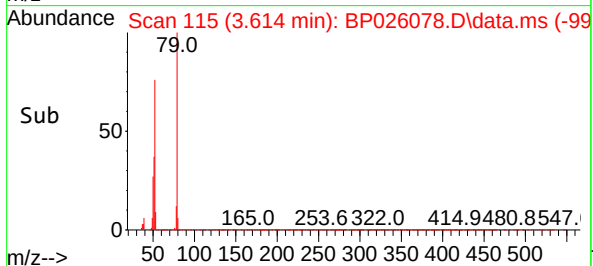
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 79 Resp: 625068
Ion Ratio Lower Upper
79 100
52 75.8 62.0 93.0
51 37.1 30.6 46.0

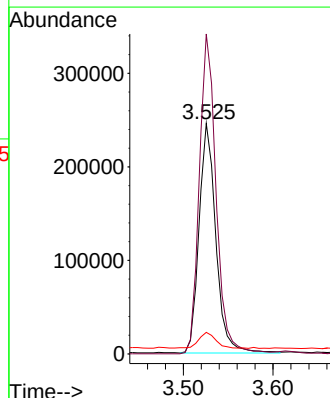
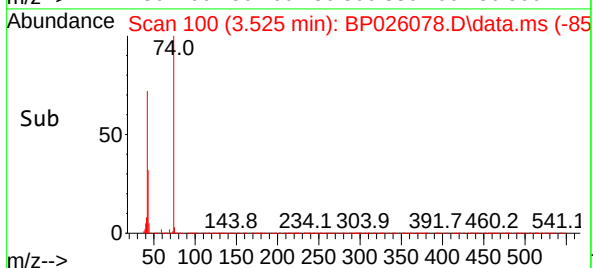
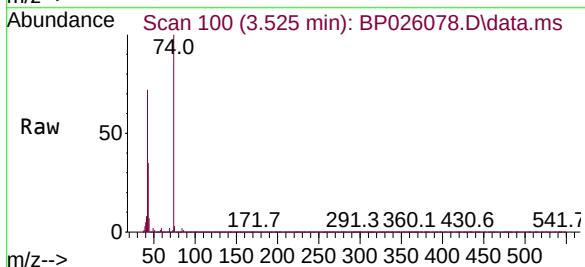
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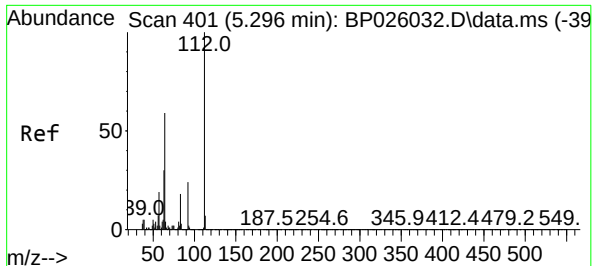
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#4
n-Nitrosodimethylamine
Concen: 41.069 ng
RT: 3.525 min Scan# 100
Delta R.T. -0.011 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

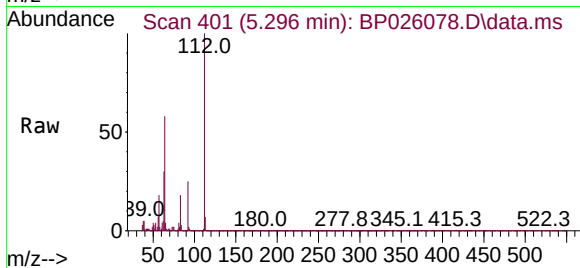
Tgt Ion: 42 Resp: 319759
Ion Ratio Lower Upper
42 100
74 138.8 105.7 158.5
44 9.4 6.6 9.8





#5
2-Fluorophenol
Concen: 131.674 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

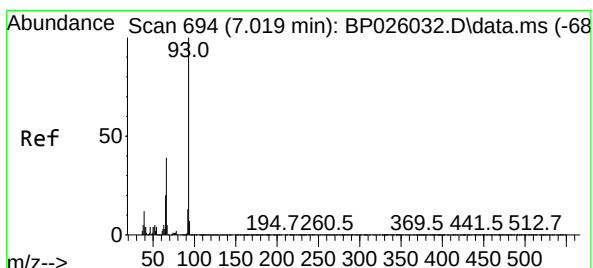
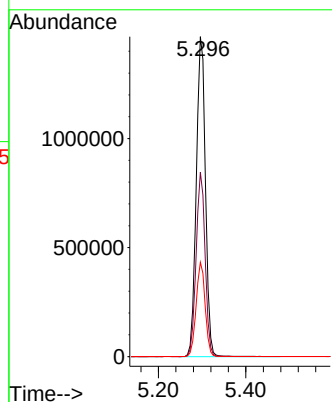
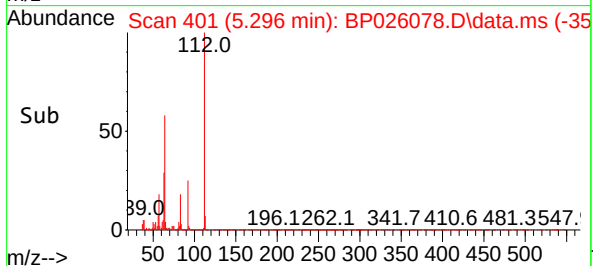
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 112 Resp: 213443
Ion Ratio Lower Upper
112 100
64 57.6 47.4 71.2
63 29.5 24.2 36.4

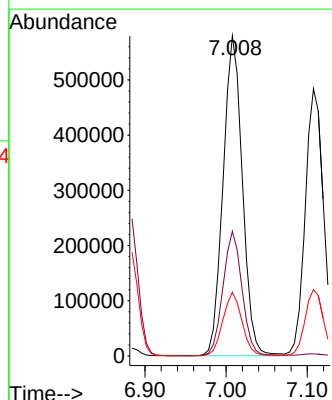
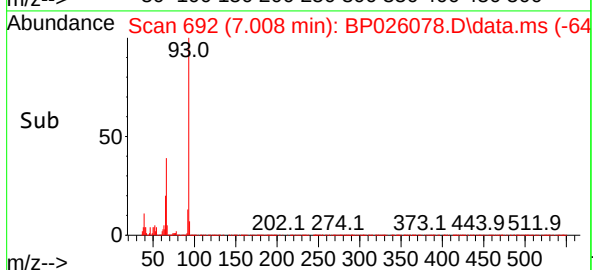
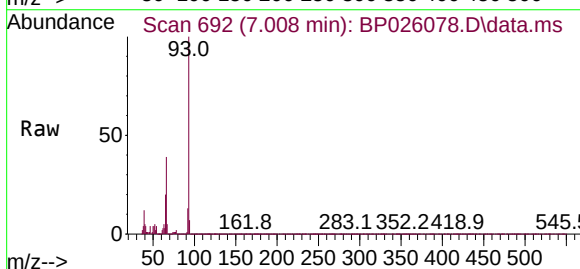
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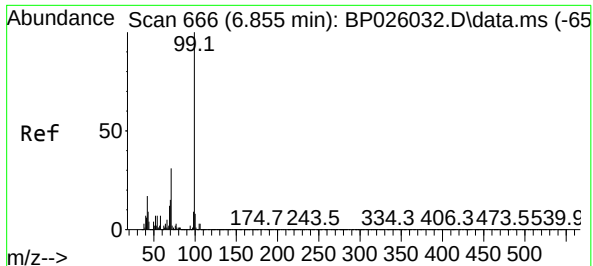
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#6
Aniline
Concen: 34.796 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.011 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

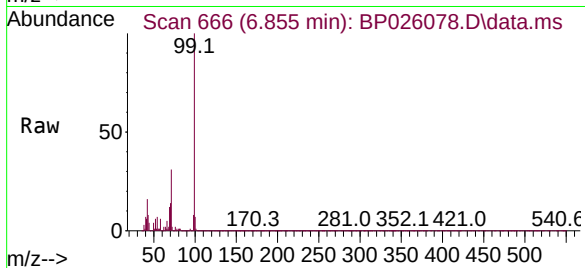
Tgt Ion: 93 Resp: 958128
Ion Ratio Lower Upper
93 100
66 38.9 31.2 46.8
65 19.9 16.1 24.1





#7
Phenol-d6
Concen: 132.783 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

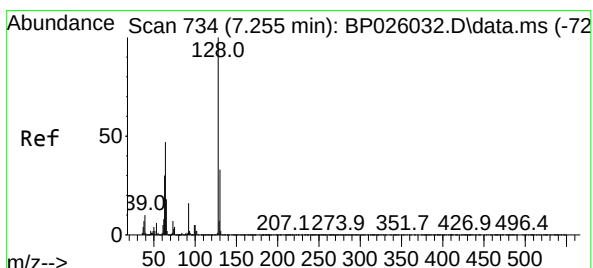
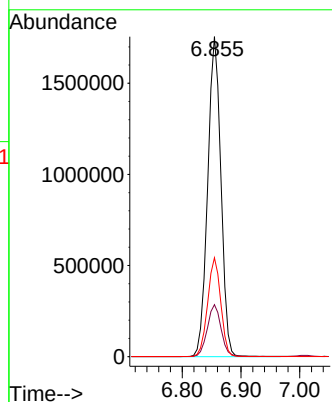
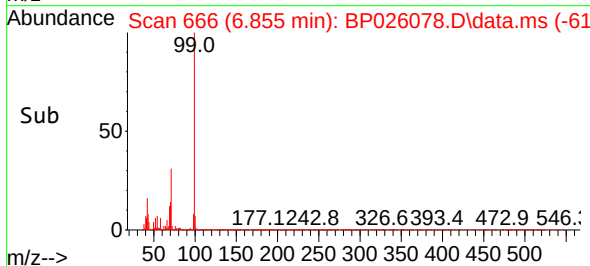
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 99 Resp: 2739608
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 30.9 24.4 36.6

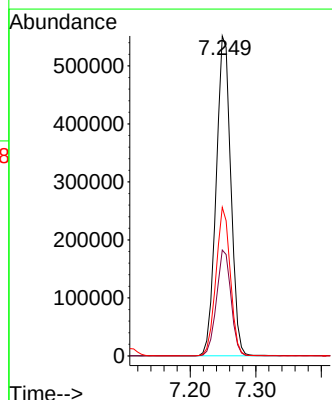
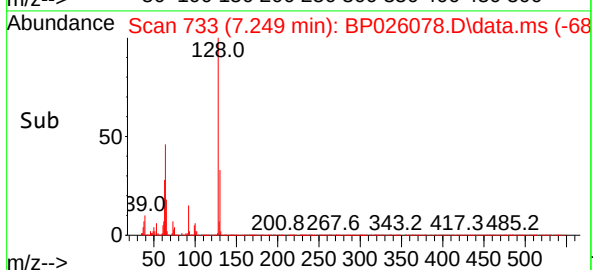
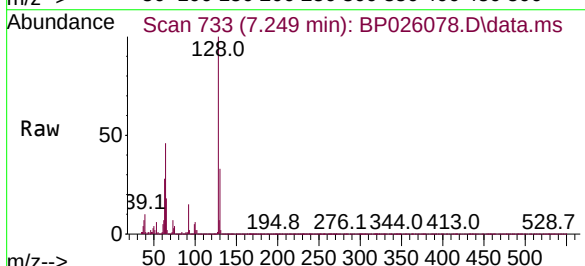
Manual Integrations
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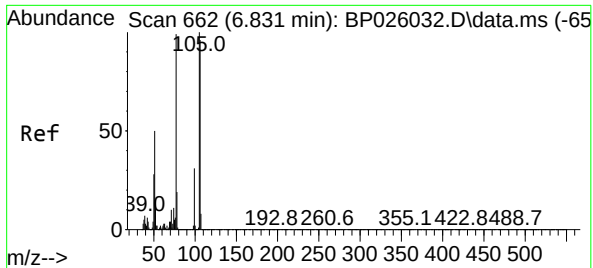
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#8
2-Chlorophenol
Concen: 47.852 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

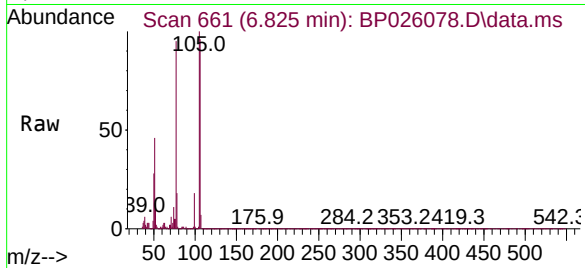
Tgt Ion:128 Resp: 858954
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 46.4 27.4 67.4





#9
Benzaldehyde
Concen: 32.260 ng
RT: 6.825 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

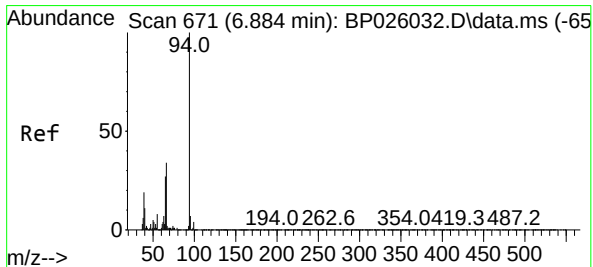
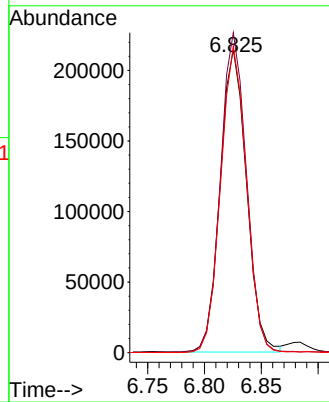
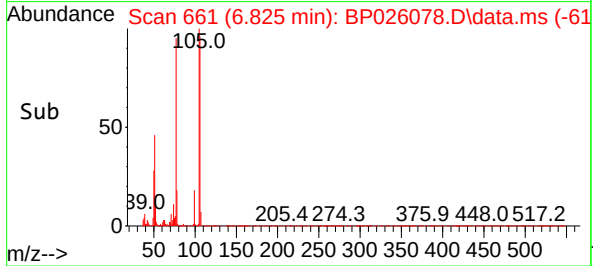
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 77 Resp: 345997
Ion Ratio Lower Upper
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105 105.6 80.7 120.7
106 101.1 76.5 116.5

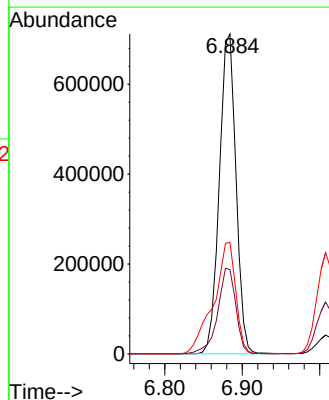
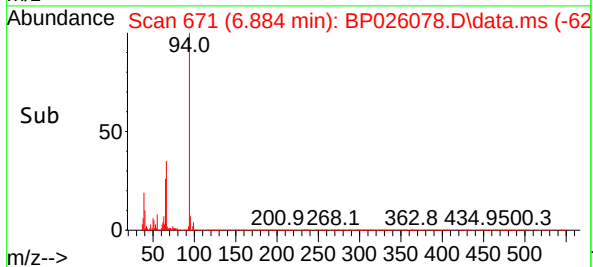
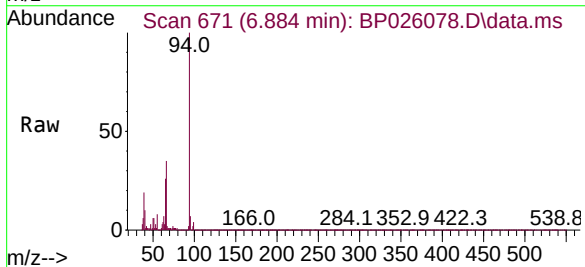
Manual Integrations
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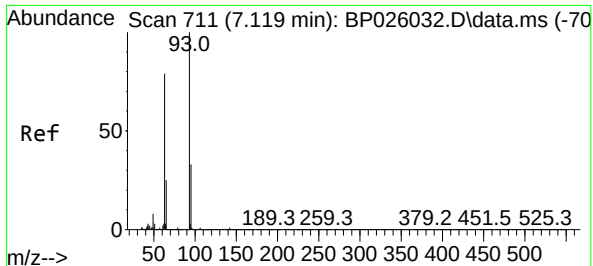
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#10
Phenol
Concen: 46.566 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

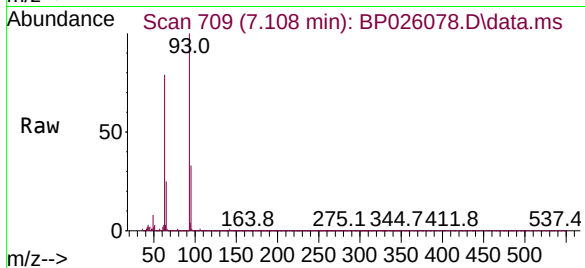
Tgt Ion: 94 Resp: 1066604
Ion Ratio Lower Upper
94 100
65 26.4 7.1 47.1
66 34.9 14.4 54.4





#11
bis(2-Chloroethyl)ether
Concen: 41.661 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.011 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

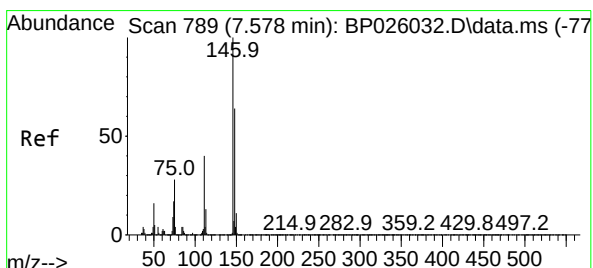
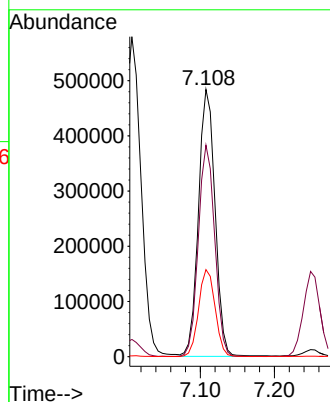
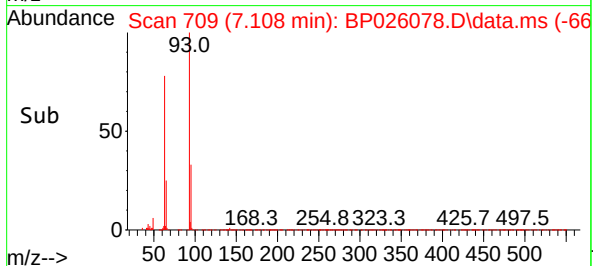
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 93 Resp: 753091
Ion Ratio Lower Upper
93 100
63 79.2 59.1 99.1
95 32.6 12.6 52.6

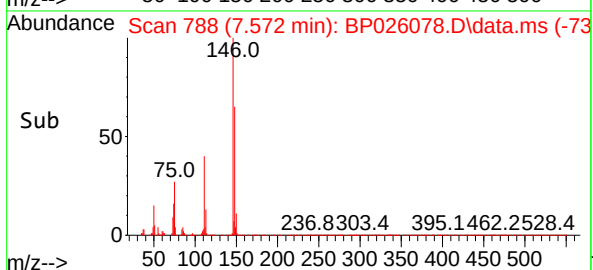
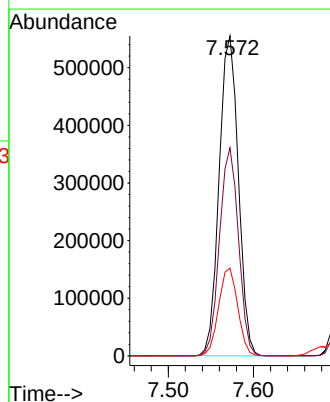
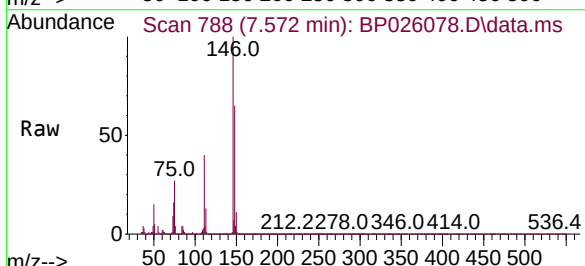
Manual Integrations
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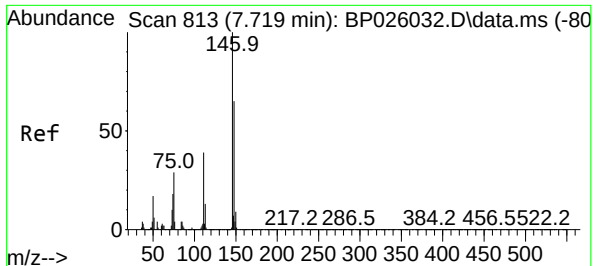
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#12
1,3-Dichlorobenzene
Concen: 42.134 ng
RT: 7.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:146 Resp: 868572
Ion Ratio Lower Upper
146 100
148 65.0 51.6 77.4
75 27.4 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 42.809 ng

RT: 7.713 min Scan# 81

Delta R.T. -0.011 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS

Tgt Ion:146 Resp: 892245

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

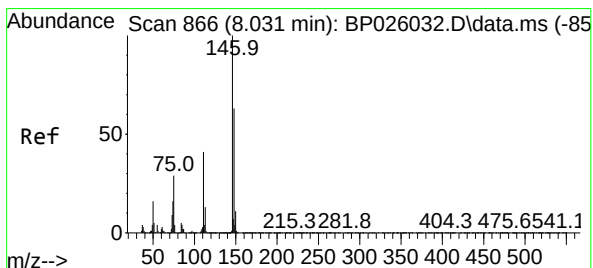
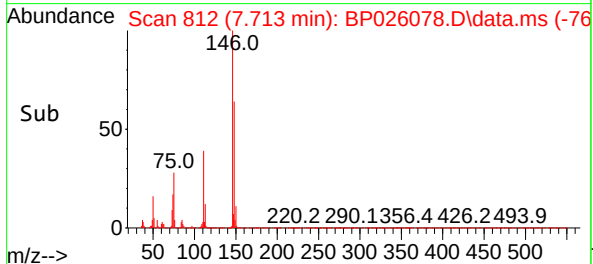
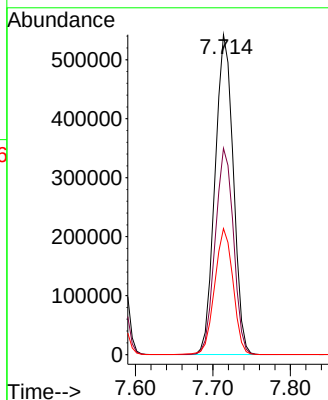
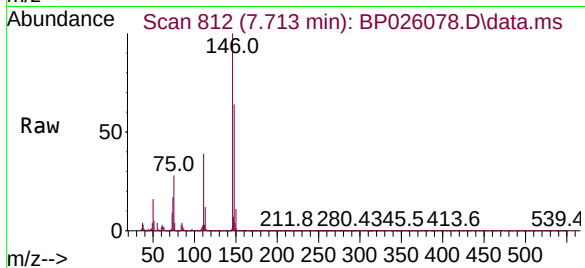
111 39.4 31.3 46.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 43.068 ng

RT: 8.025 min Scan# 865

Delta R.T. -0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

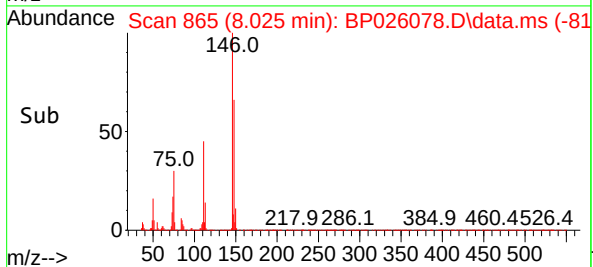
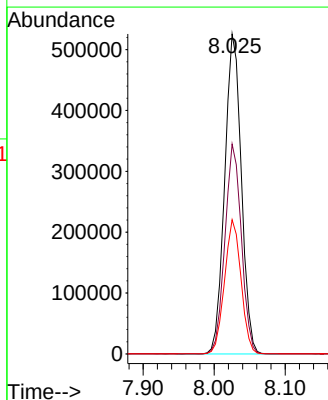
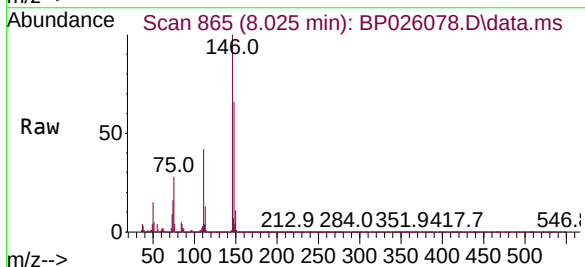
Tgt Ion:146 Resp: 856556

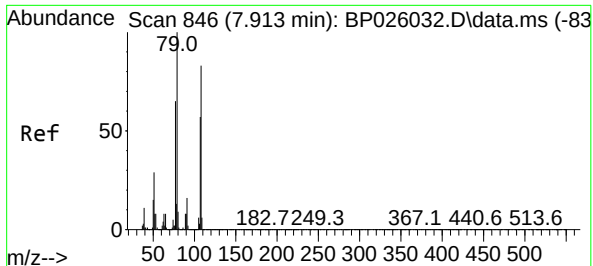
Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

111 41.9 33.0 49.4





#15

Benzyl Alcohol

Concen: 47.765 ng

RT: 7.908 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP026078.D

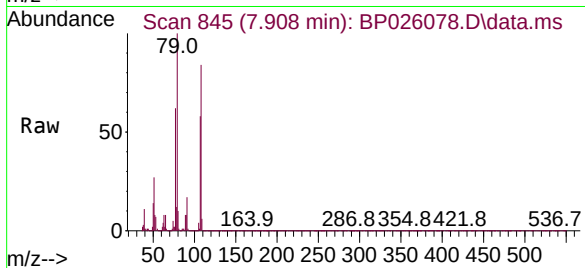
Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS



Tgt Ion: 79 Resp: 710449

Ion Ratio Lower Upper

79 100

108 83.9 66.0 99.0

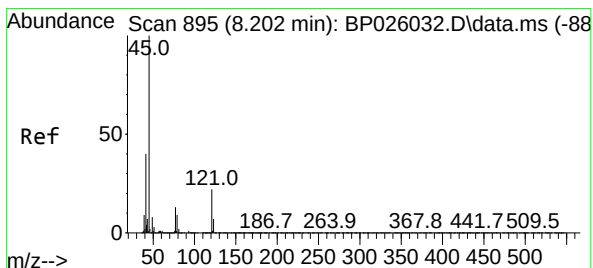
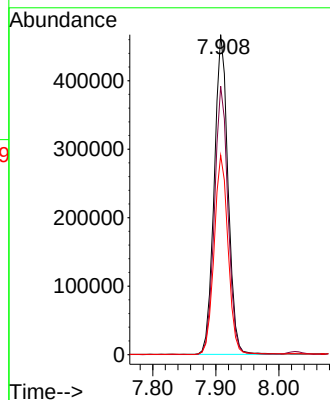
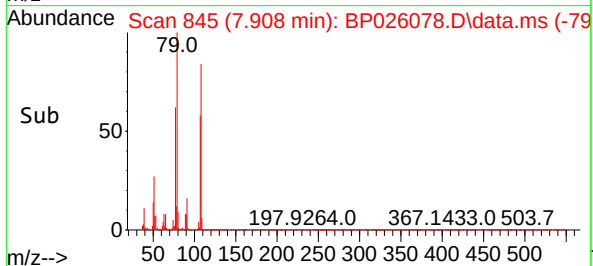
77 62.3 52.3 78.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.407 ng

RT: 8.208 min Scan# 896

Delta R.T. 0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

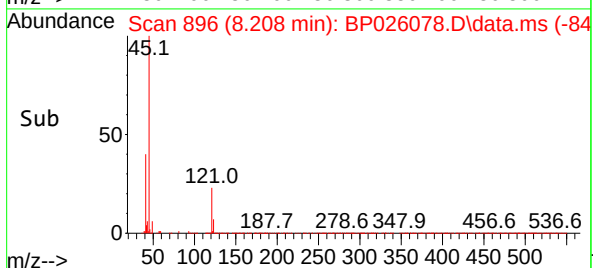
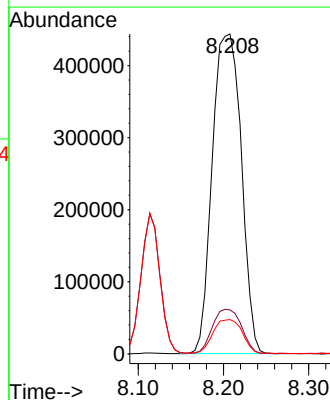
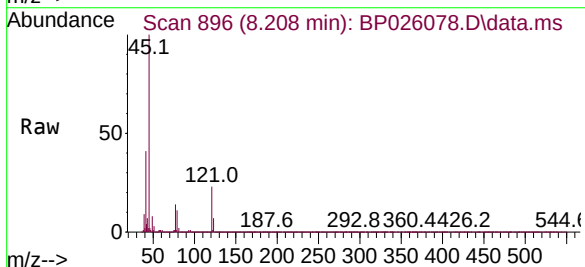
Tgt Ion: 45 Resp: 1049272

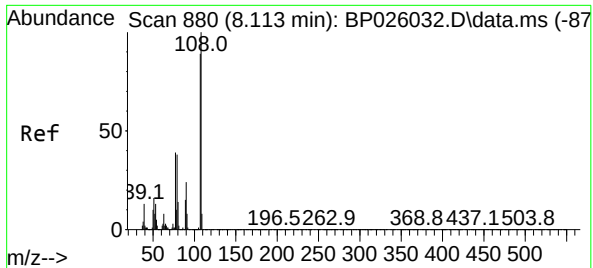
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.2

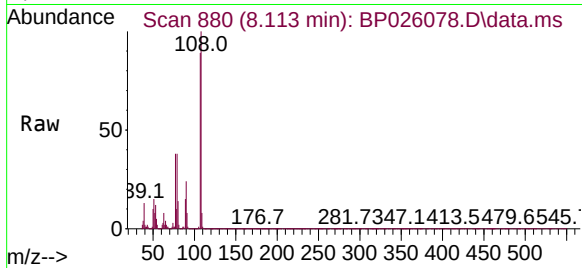
79 10.7 0.0 29.5





#17
2-Methylphenol
Concen: 48.073 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

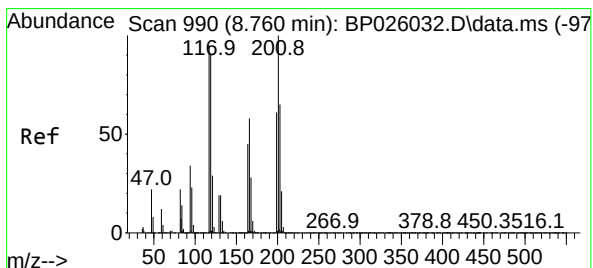
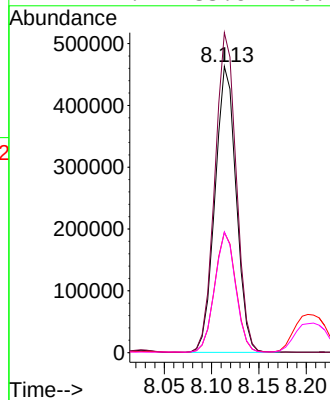
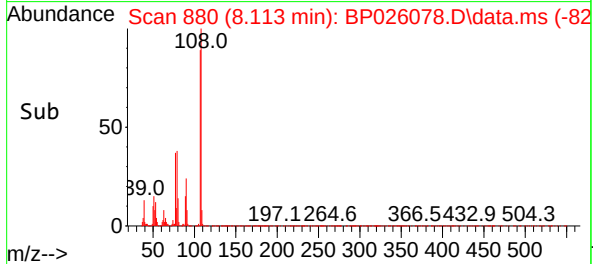
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:107 Resp: 721030
Ion Ratio Lower Upper
107 100
108 111.8 89.8 134.8
77 42.0 34.8 52.2
79 42.2 33.8 50.6

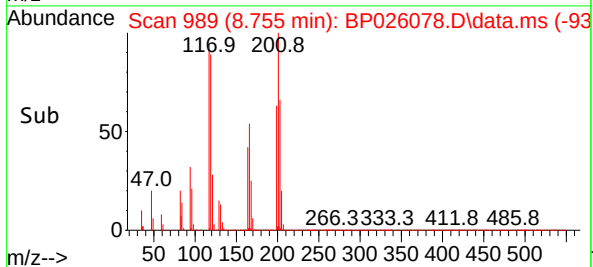
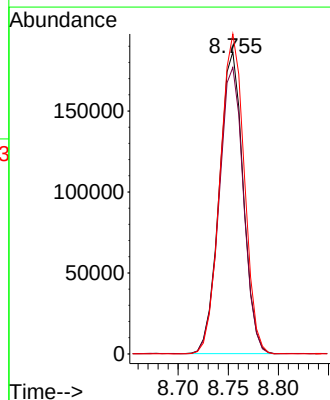
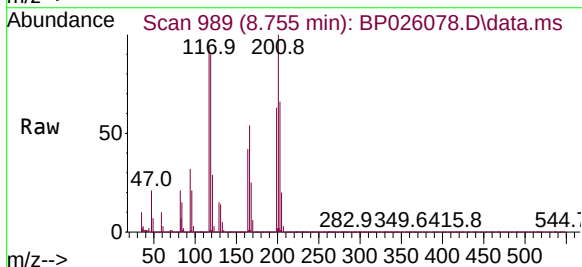
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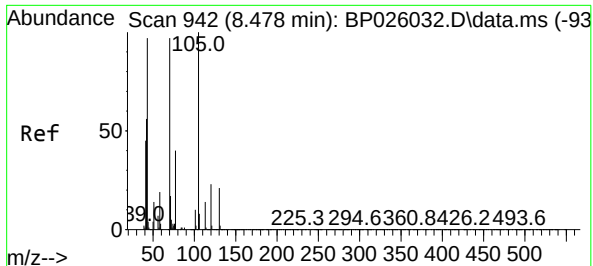
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Hexachloroethane
Concen: 43.360 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:117 Resp: 309247
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7
201 105.9 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.500 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.011 min

Lab File: BP026078.D

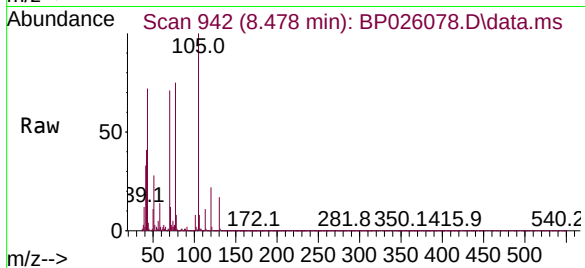
Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS



Tgt Ion: 70 Resp: 569930

Ion Ratio Lower Upper

70 100

42 58.1 47.2 70.8

101 10.9 8.2 12.2

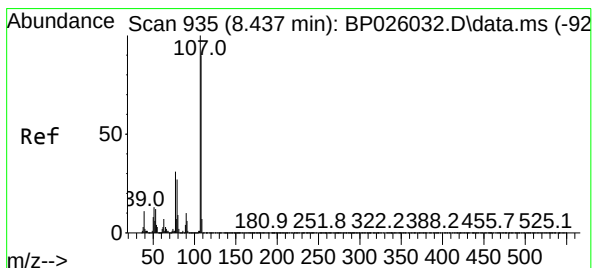
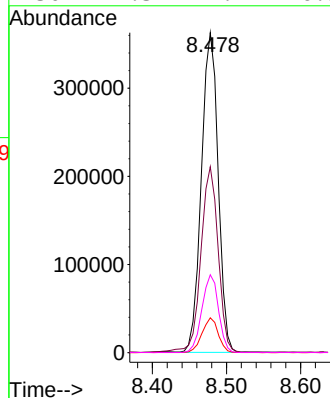
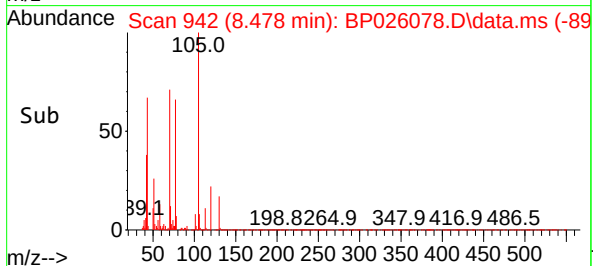
130 24.3 17.7 26.5

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#20

3+4-Methylphenols

Concen: 47.878 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

Tgt Ion:107 Resp: 999019

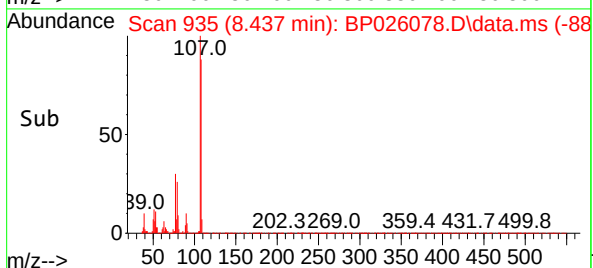
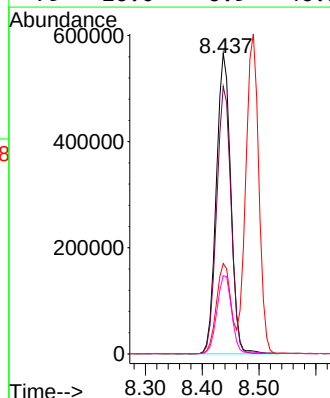
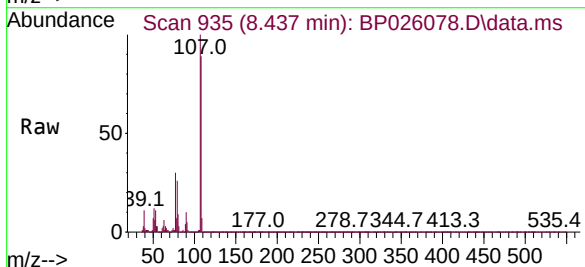
Ion Ratio Lower Upper

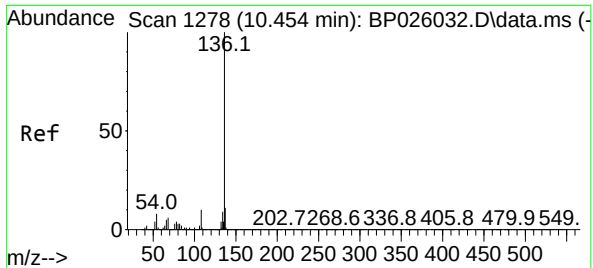
107 100

108 88.9 70.1 110.1

77 30.0 10.7 50.7

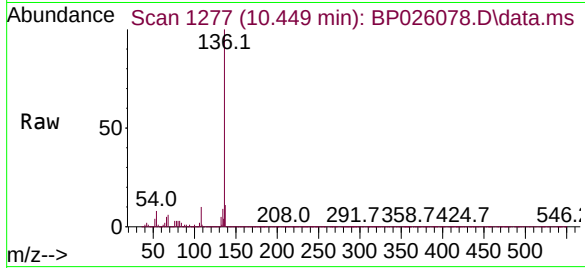
79 26.0 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

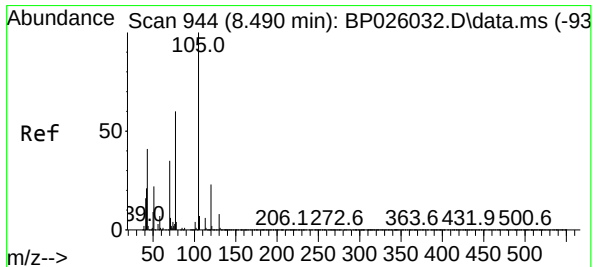
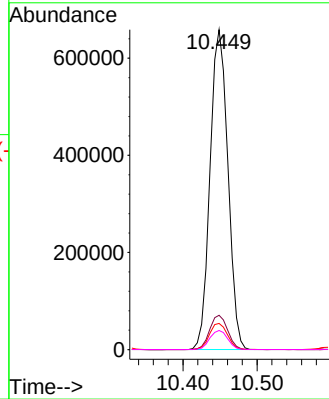
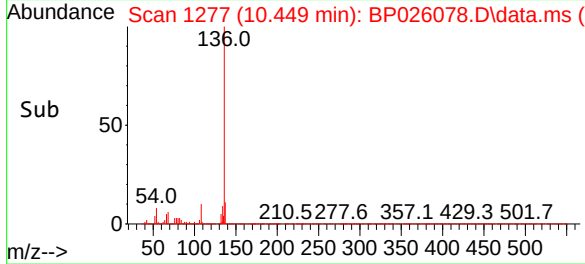
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:136 Resp: 1101025
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 6.6 10.0
68 6.0 4.7 7.1

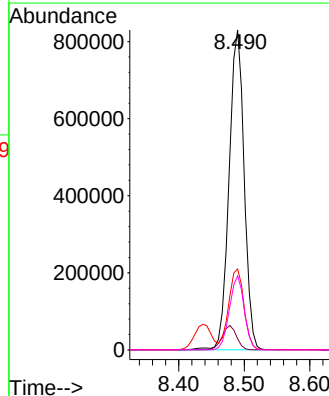
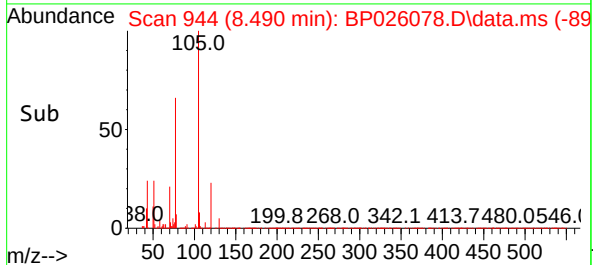
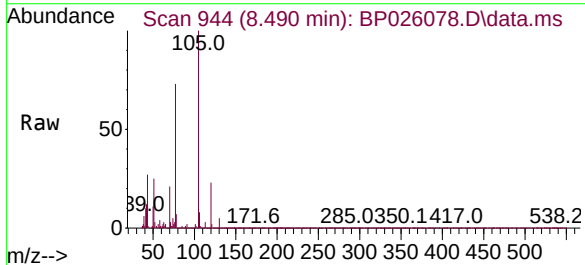
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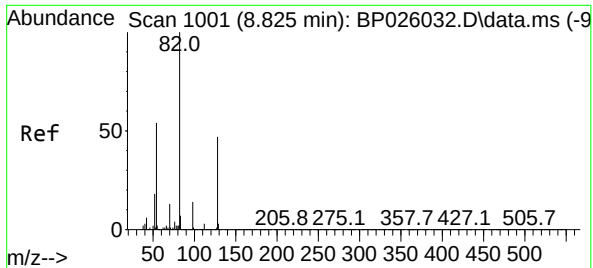
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 47.574 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:105 Resp: 1324713
Ion Ratio Lower Upper
105 100
71 3.5 4.7 7.1#
51 25.3 21.8 32.8
120 23.1 18.7 28.1





#23

Nitrobenzene-d5

Concen: 85.838 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS

Tgt Ion: 82 Resp: 1516048

Ion Ratio Lower Upper

82 100

128 47.0 37.4 56.0

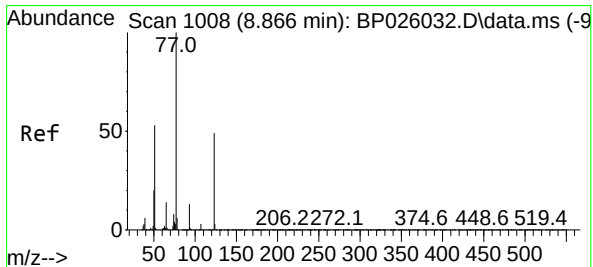
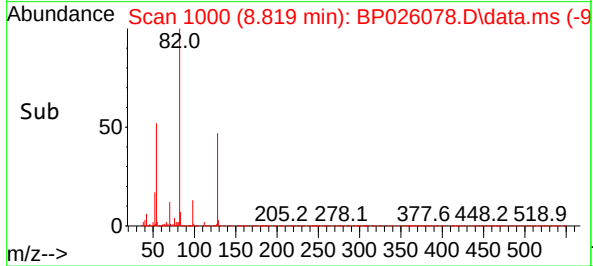
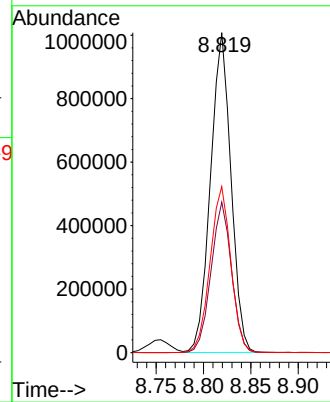
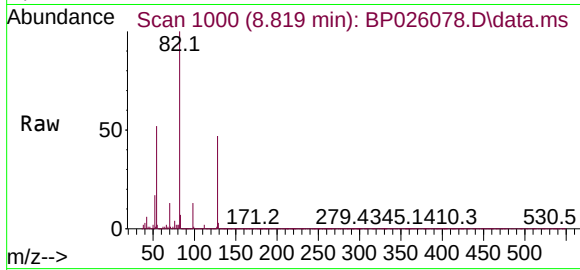
54 51.9 42.7 64.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 44.571 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

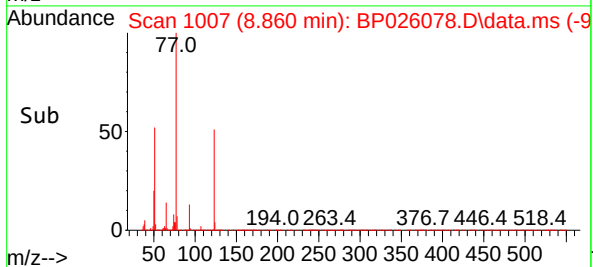
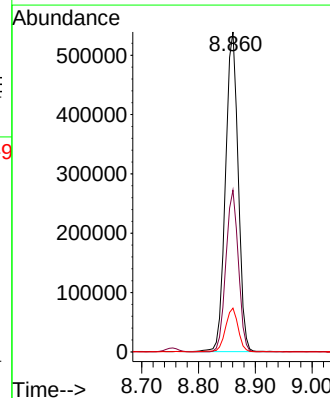
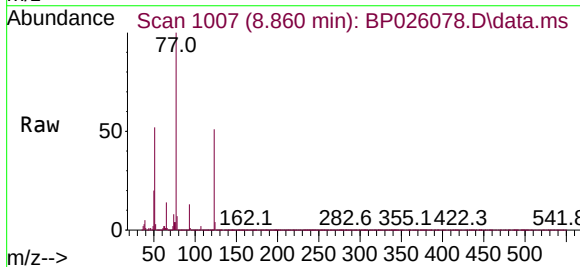
Tgt Ion: 77 Resp: 831145

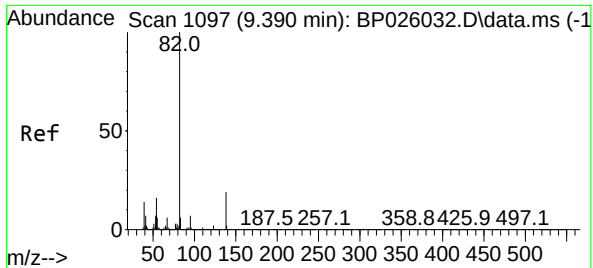
Ion Ratio Lower Upper

77 100

123 50.5 39.0 58.4

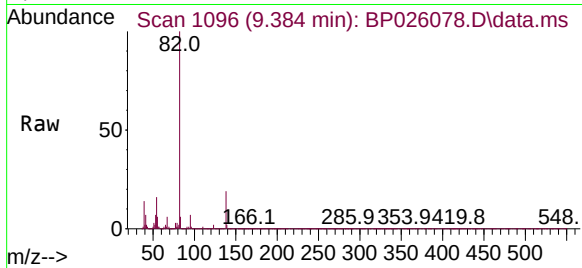
65 13.7 10.9 16.3





#25
Isophorone
Concen: 44.205 ng
RT: 9.384 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

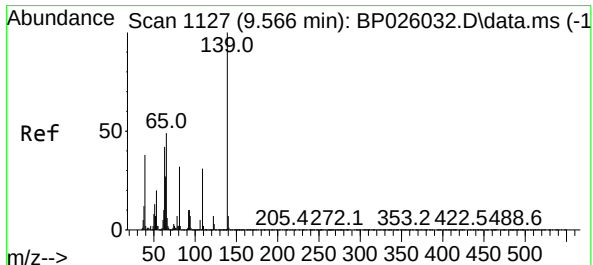
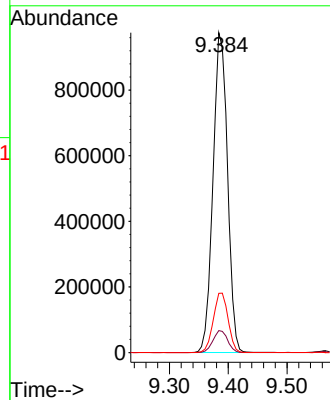
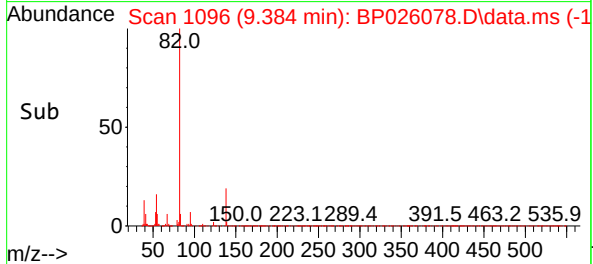
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 82 Resp: 1671080
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 18.5 15.0 22.6

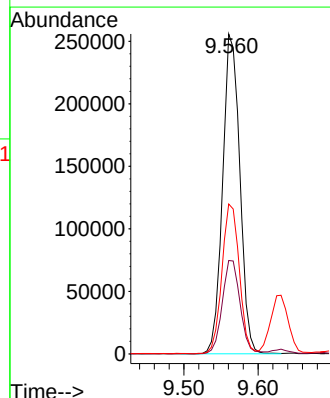
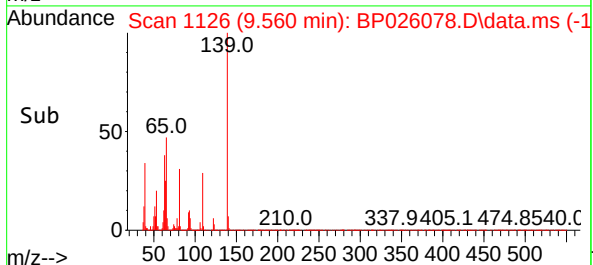
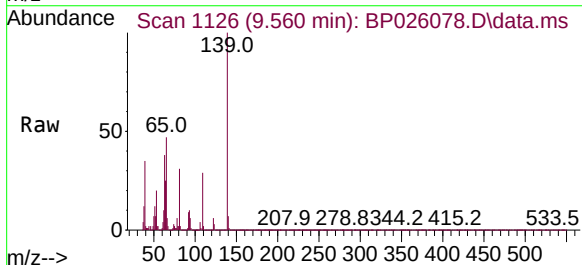
Manual Integrations
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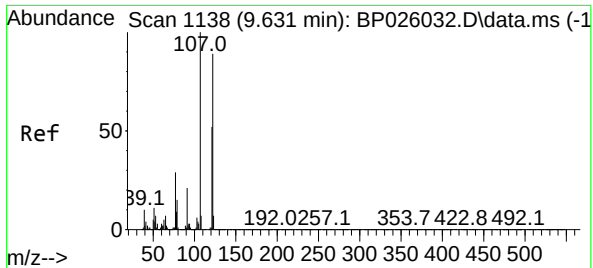
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 59.463 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:139 Resp: 412794
Ion Ratio Lower Upper
139 100
109 29.2 24.8 37.2
65 46.8 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 52.041 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP026078.D

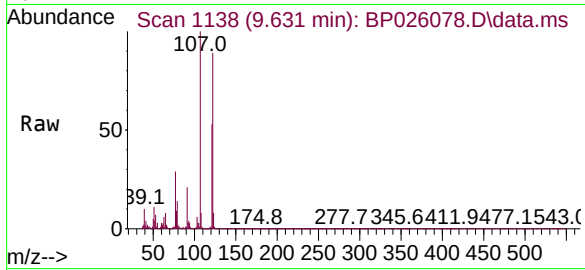
Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS



Tgt Ion:122 Resp: 827301

Ion Ratio Lower Upper

122 100

107 112.3 89.2 133.8

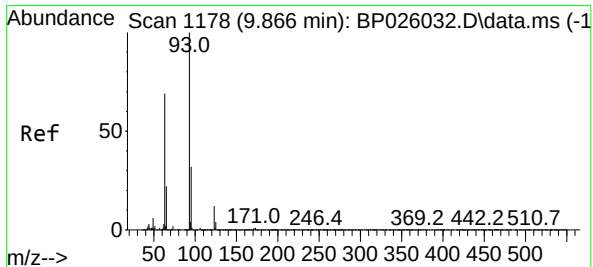
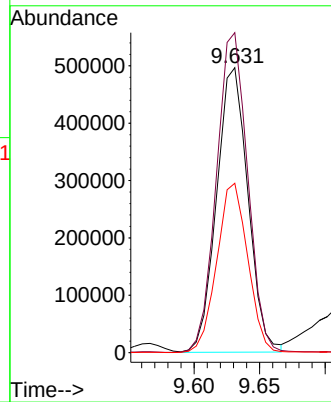
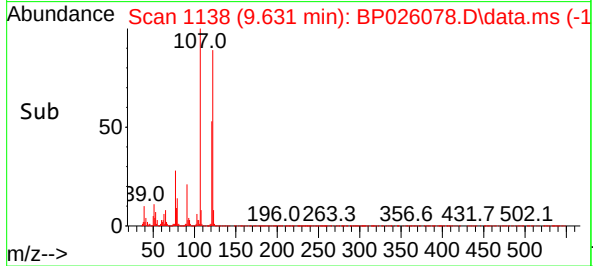
121 59.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.449 ng

RT: 9.860 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

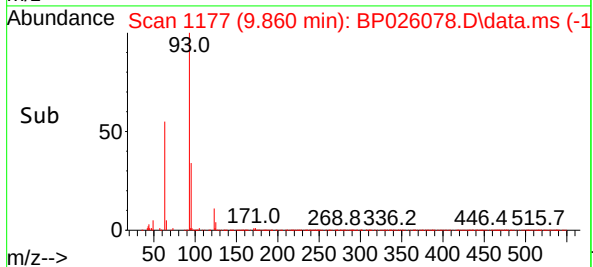
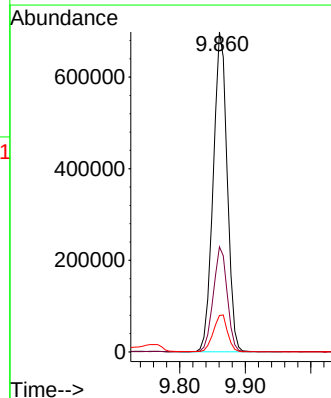
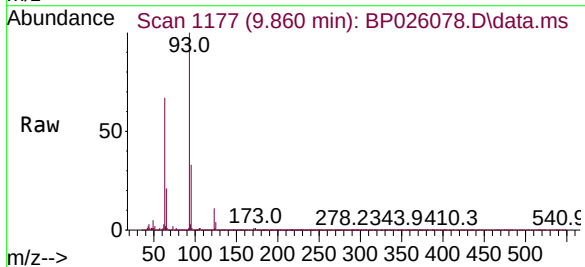
Tgt Ion: 93 Resp: 1035151

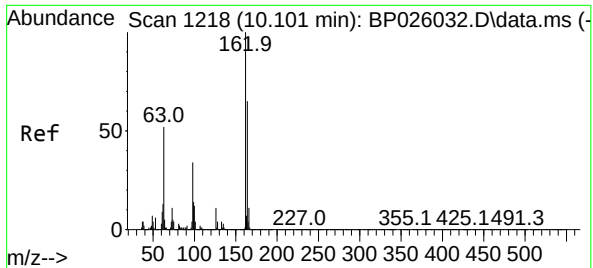
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

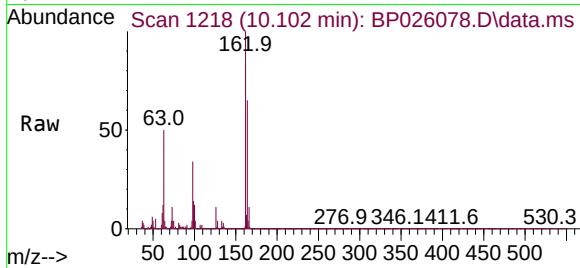
123 11.4 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 50.036 ng
RT: 10.102 min Scan# 1218
Delta R.T. 0.007 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

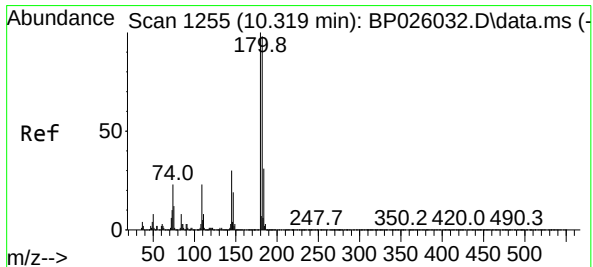
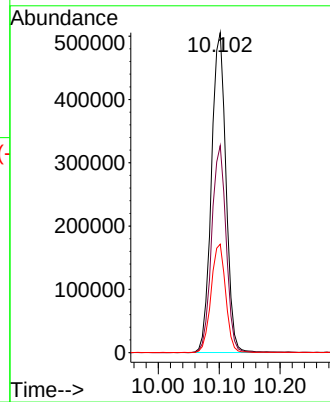
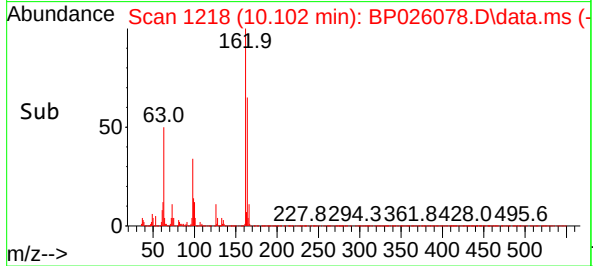
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:162 Resp: 839860
Ion Ratio Lower Upper
162 100
164 64.7 44.6 84.6
98 33.9 14.0 54.0

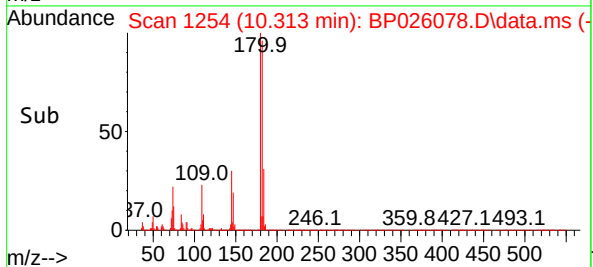
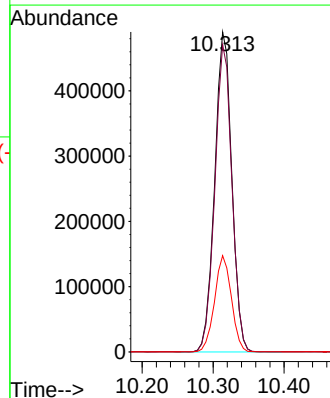
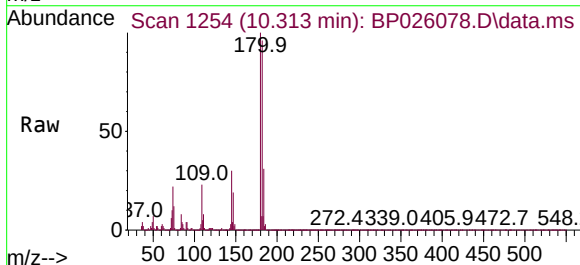
Manual Integrations
APPROVED

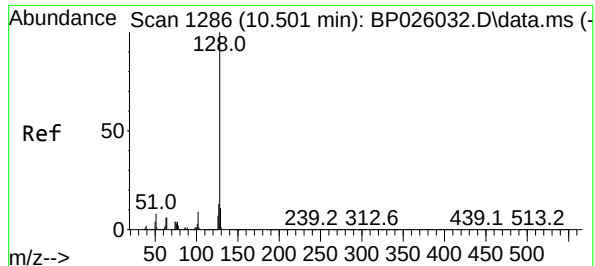
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.054 ng
RT: 10.313 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

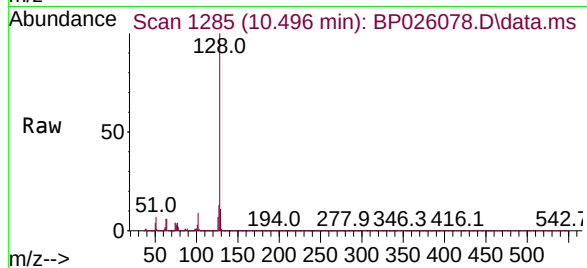
Tgt Ion:180 Resp: 821961
Ion Ratio Lower Upper
180 100
182 96.0 78.6 117.8
145 30.1 24.2 36.4





#31
Naphthalene
Concen: 41.941 ng
RT: 10.496 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

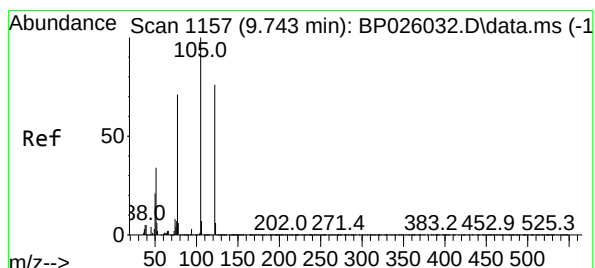
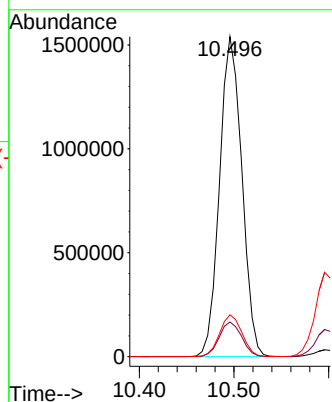
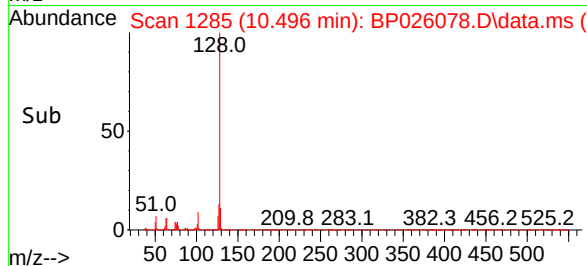
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:128 Resp: 2518184
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.5 15.7

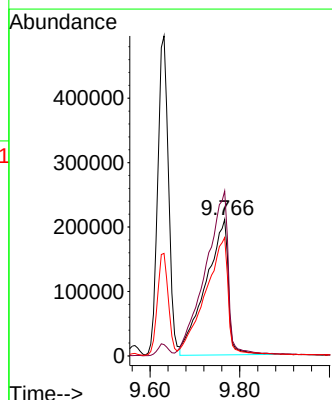
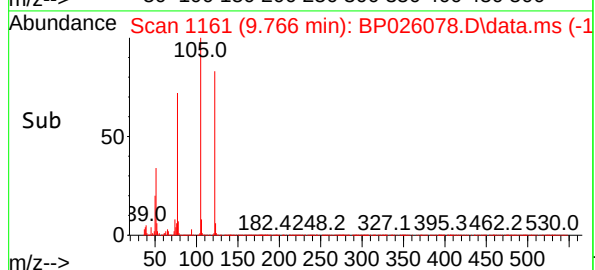
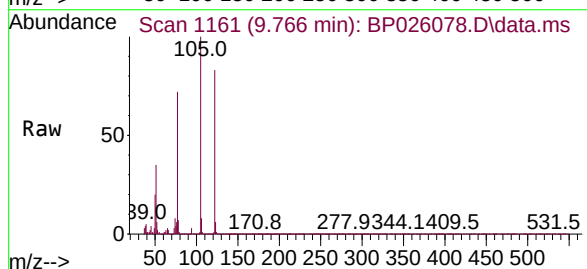
Manual Integrations
APPROVED

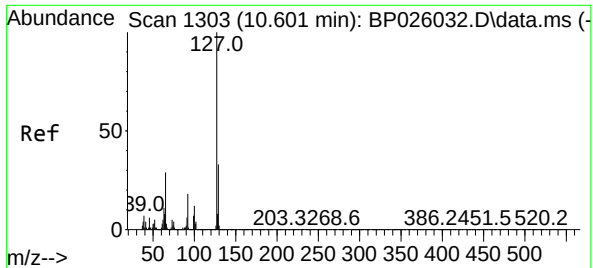
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 66.851 ng
RT: 9.766 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

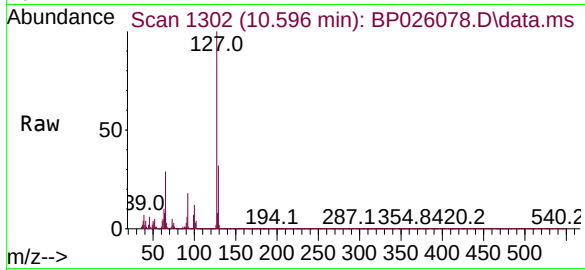
Tgt Ion:122 Resp: 733850
Ion Ratio Lower Upper
122 100
105 120.8 104.8 144.8
77 86.7 70.9 110.9





#33
4-Chloroaniline
Concen: 29.812 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

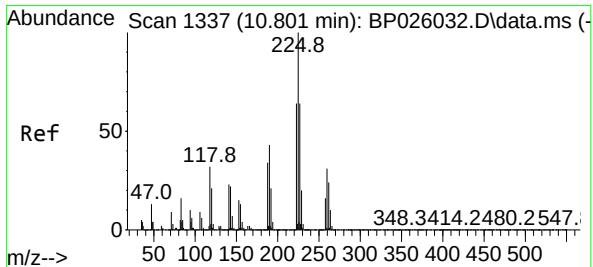
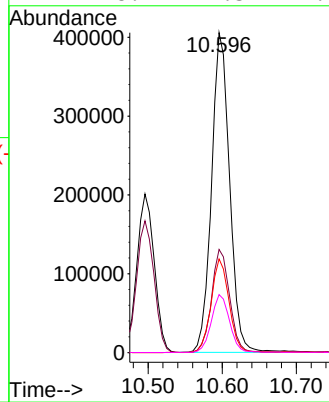
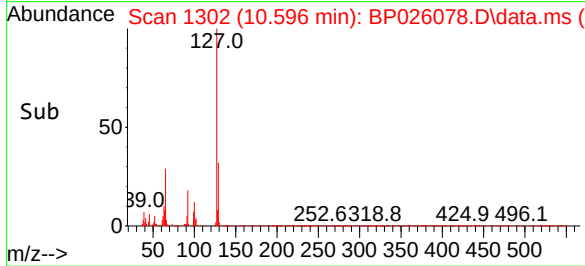
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:127 Resp: 687819
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 29.3 23.2 34.8
92 18.1 14.5 21.7

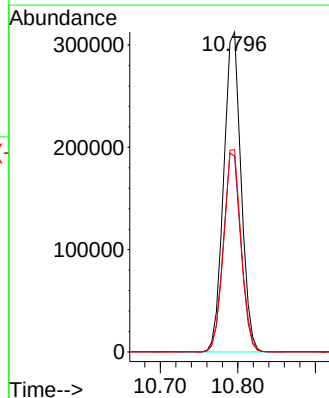
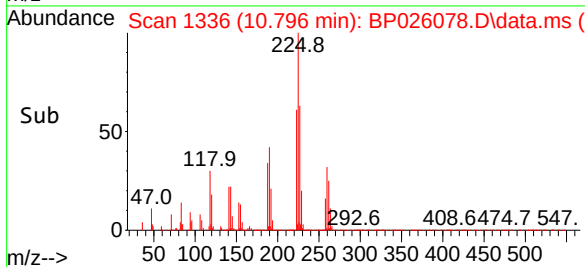
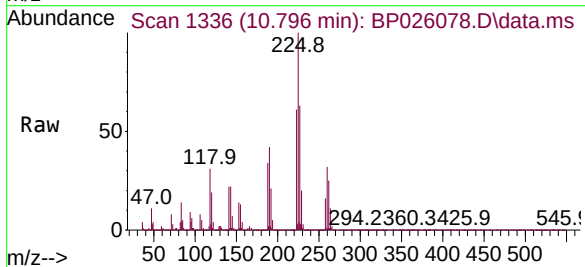
Manual Integrations
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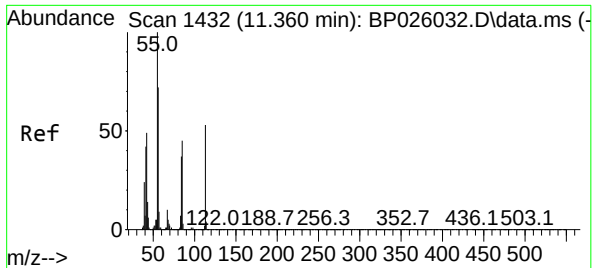
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Hexachlorobutadiene
Concen: 42.071 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

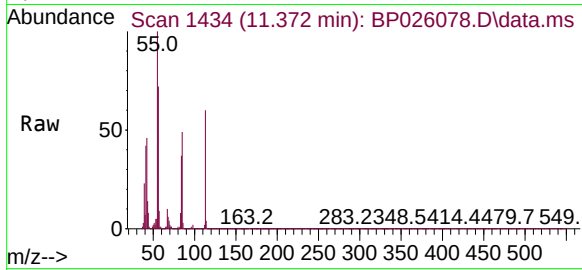
Tgt Ion:225 Resp: 487756
Ion Ratio Lower Upper
225 100
223 61.2 50.9 76.3
227 63.2 51.0 76.4





#35
Caprolactam
Concen: 54.084 ng
RT: 11.372 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

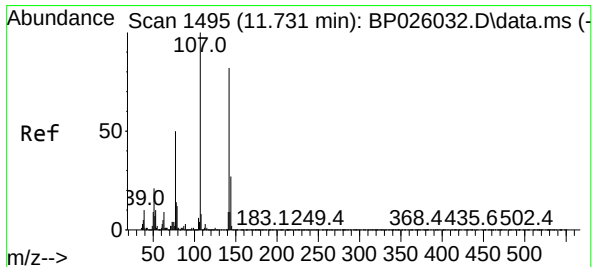
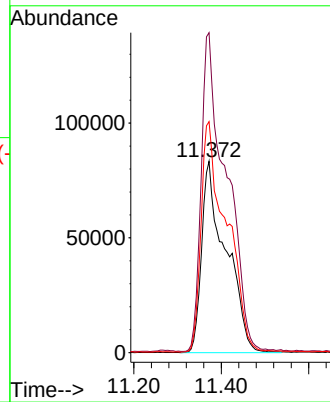
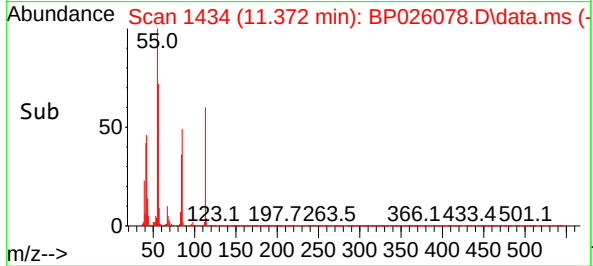
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:113 Resp: 318793
Ion Ratio Lower Upper
113 100
55 167.3 169.9 209.9
56 120.8 116.7 156.7

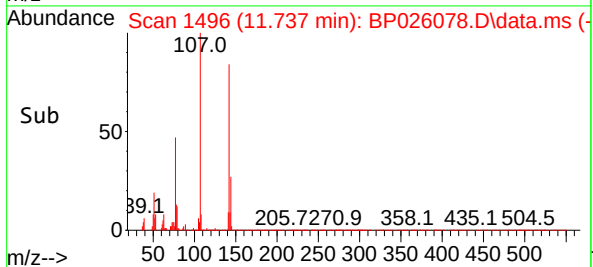
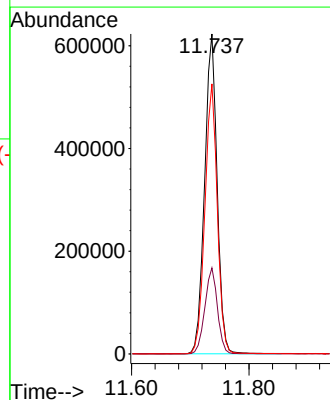
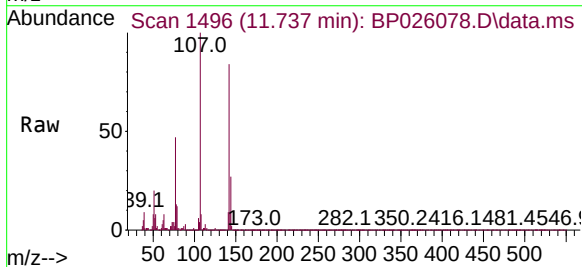
Manual Integrations
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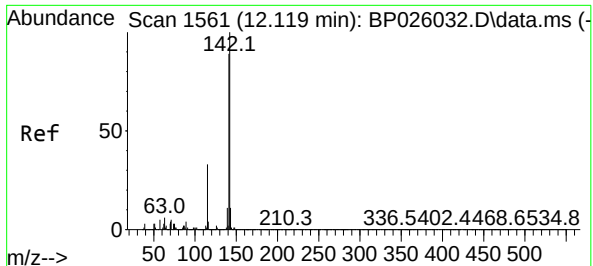
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#36
4-Chloro-3-methylphenol
Concen: 52.361 ng
RT: 11.737 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

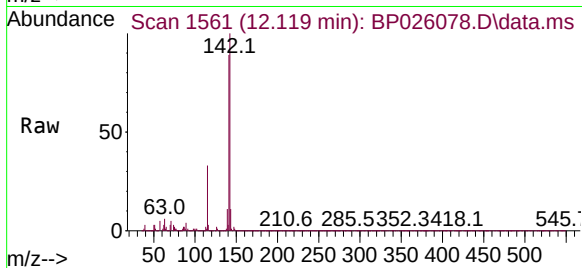
Tgt Ion:107 Resp: 921338
Ion Ratio Lower Upper
107 100
144 26.9 21.3 31.9
142 84.4 65.2 97.8





#37
2-Methylnaphthalene
Concen: 39.559 ng
RT: 12.119 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

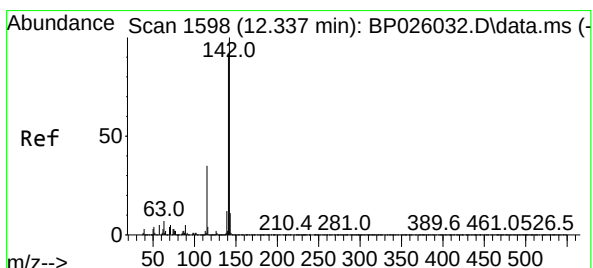
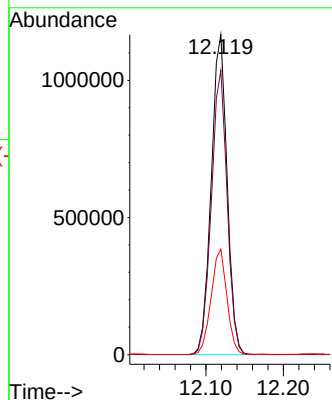
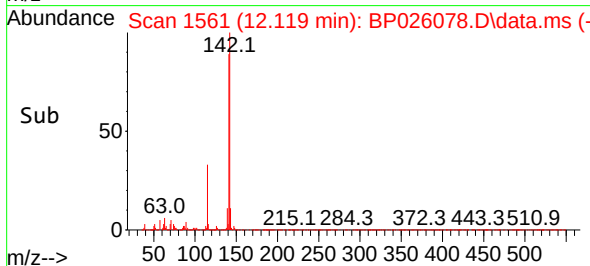
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:142 Resp: 1662385
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 33.0 26.6 39.8

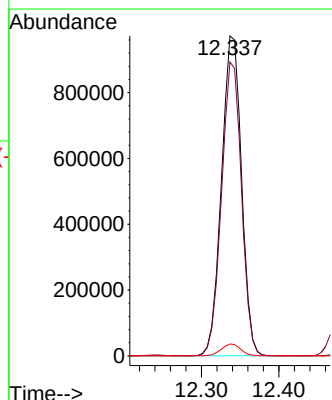
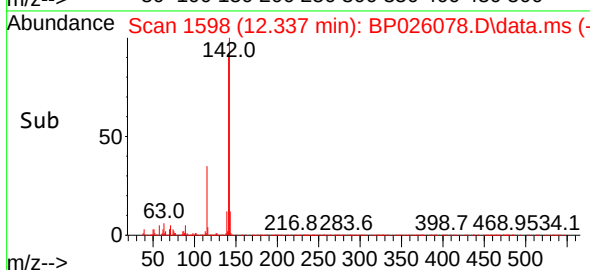
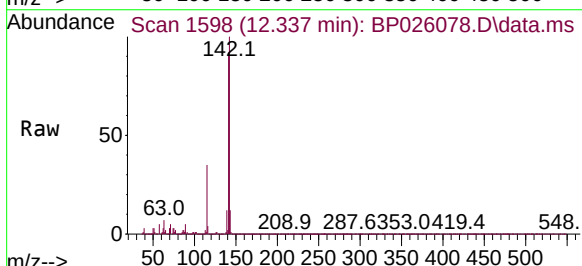
Manual Integrations
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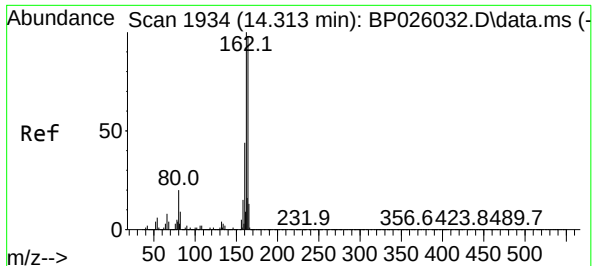
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#38
1-Methylnaphthalene
Concen: 42.749 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

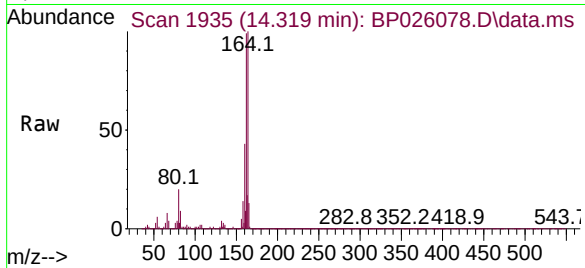
Tgt Ion:142 Resp: 1745234
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1
116 3.7 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

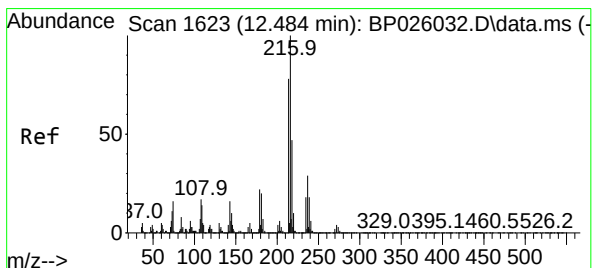
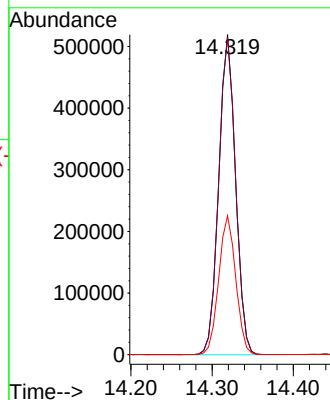
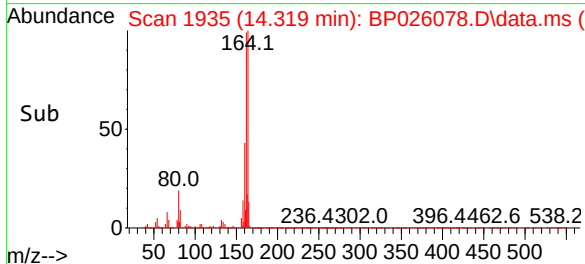
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:164 Resp: 74315
Ion Ratio Lower Upper
164 100
162 99.1 81.5 122.3
160 43.4 36.2 54.4

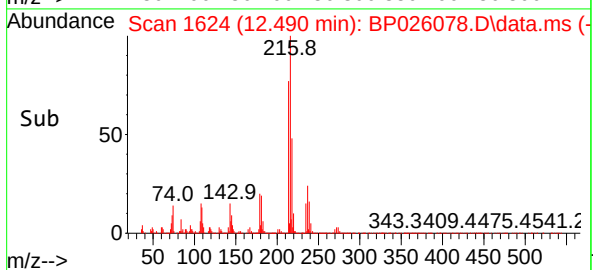
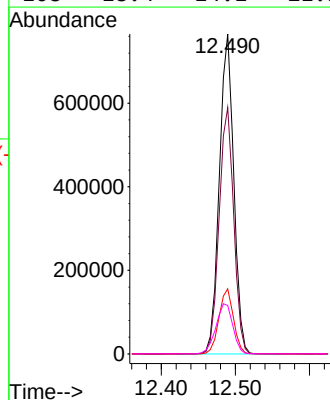
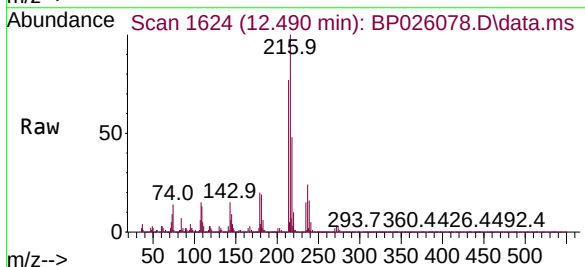
Manual Integrations
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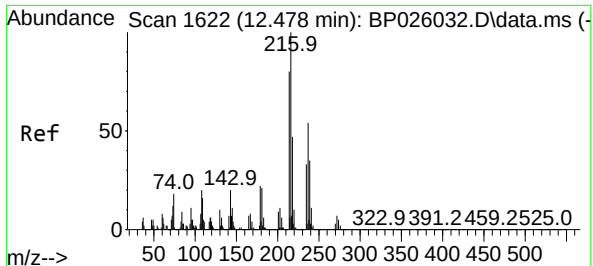
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.654 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

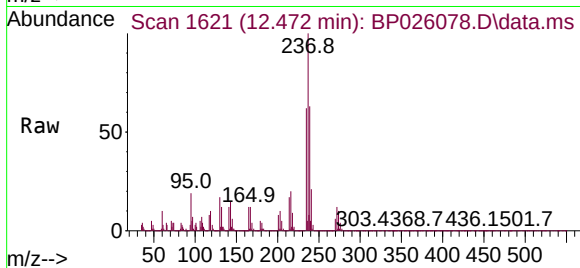
Tgt Ion:216 Resp: 1031085
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.5 16.9 25.3
108 18.4 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 122.960 ng
RT: 12.472 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

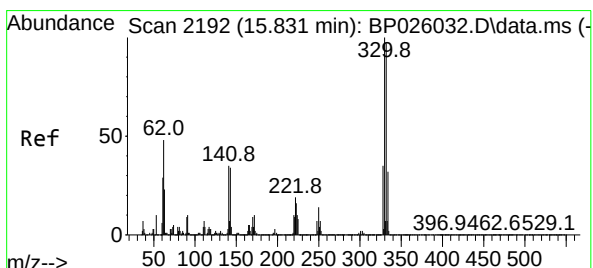
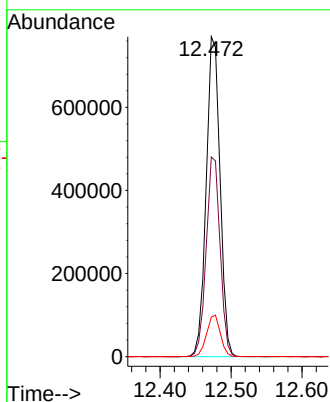
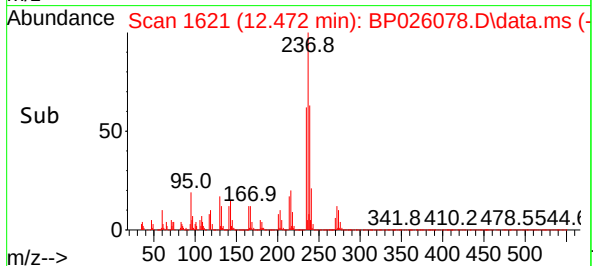
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 237 Resp: 1038818
Ion Ratio Lower Upper
237 100
235 62.4 40.4 80.4
272 12.3 0.0 32.2

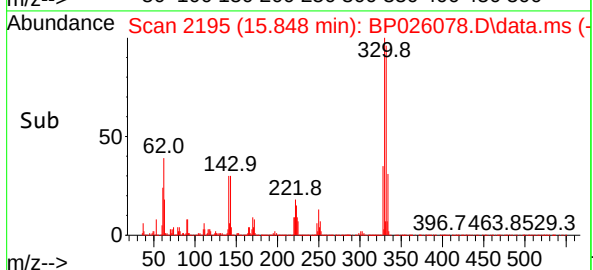
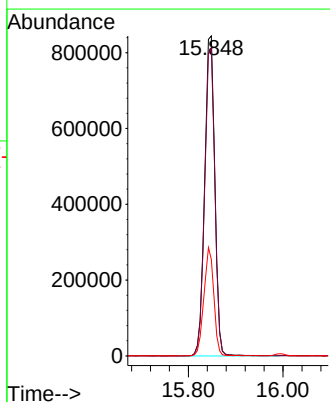
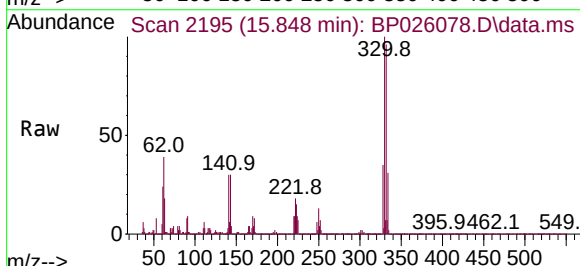
Manual Integrations
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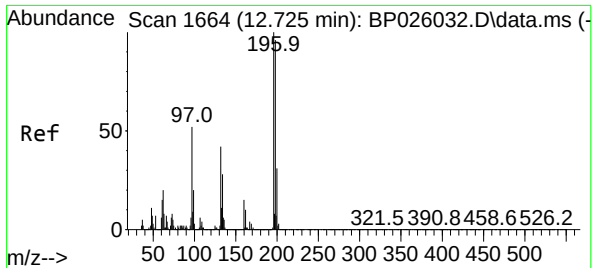
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#42
2,4,6-Tribromophenol
Concen: 156.827 ng
RT: 15.848 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion: 330 Resp: 1259976
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 32.9 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 51.412 ng

RT: 12.731 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BP026078.D

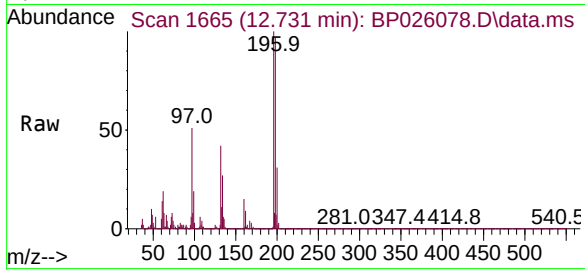
Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS



Tgt Ion:196 Resp: 701691

Ion Ratio Lower Upper

196 100

198 96.9 76.5 114.7

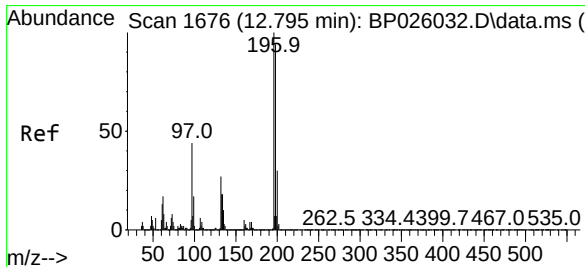
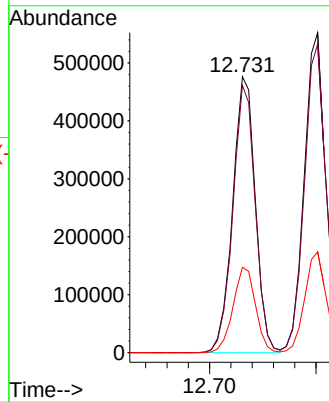
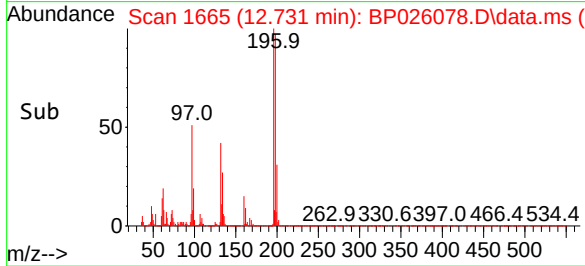
200 30.9 24.4 36.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#44

2,4,5-Trichlorophenol

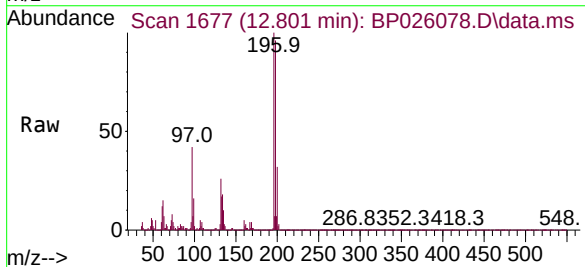
Concen: 50.353 ng

RT: 12.801 min Scan# 1677

Delta R.T. 0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54



Tgt Ion:196 Resp: 784179

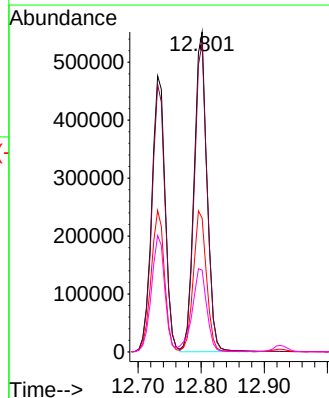
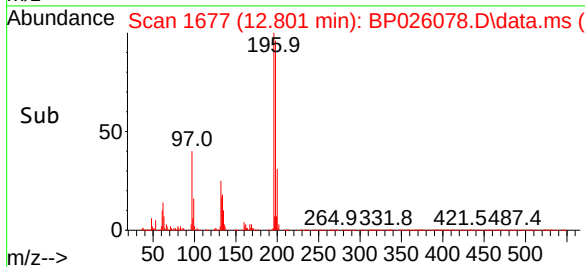
Ion Ratio Lower Upper

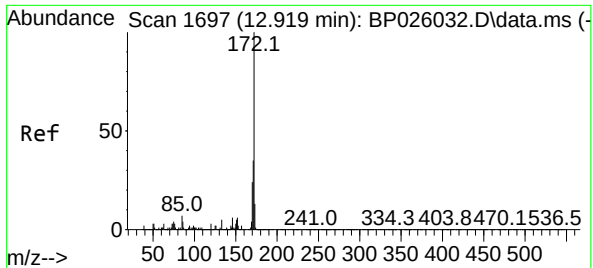
196 100

198 96.4 75.1 112.7

97 41.8 35.5 53.3

132 25.6 21.6 32.4





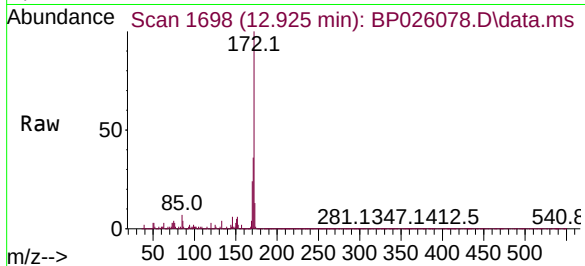
#45
2-Fluorobiphenyl
Concen: 77.132 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS



Tgt Ion:172 Resp: 398914

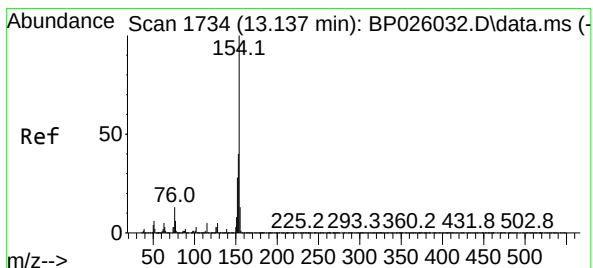
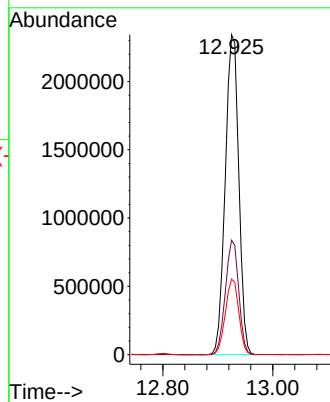
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	23.6	19.0	28.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

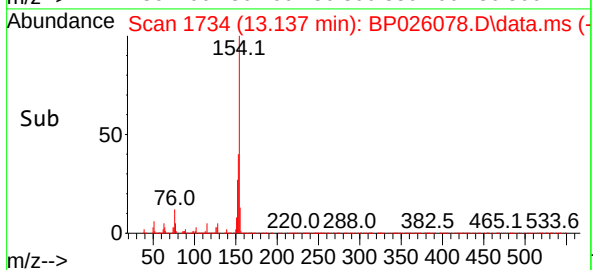
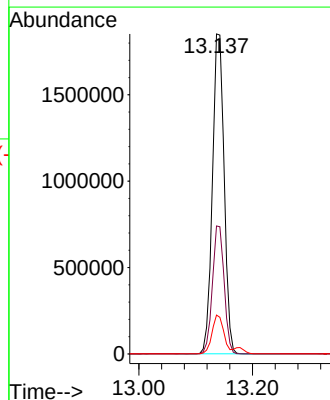
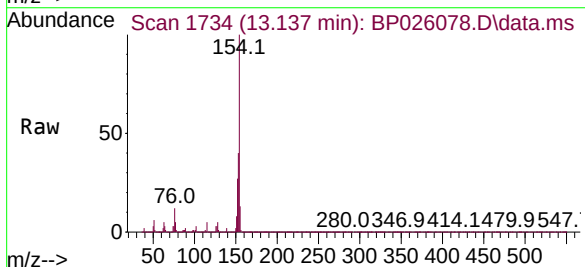
Supervised By :Jagrut Upadhyay 11/10/2025

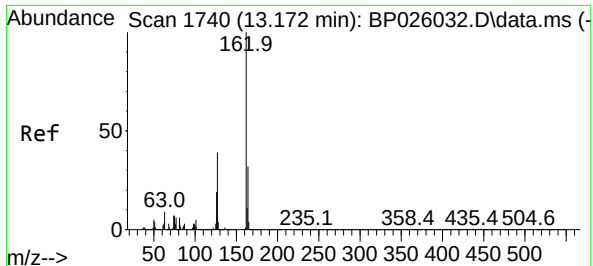


#46
1,1'-Biphenyl
Concen: 46.767 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:154 Resp: 2661227

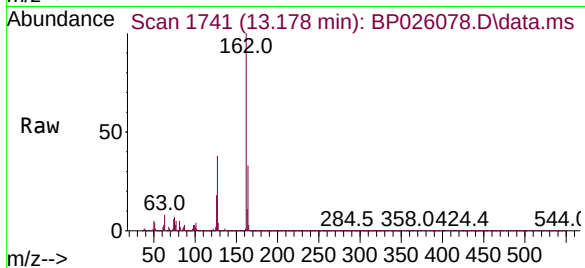
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	12.1	0.0	32.8





#47
2-Chloronaphthalene
Concen: 41.299 ng
RT: 13.178 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

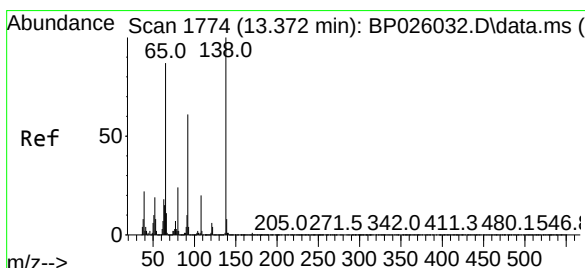
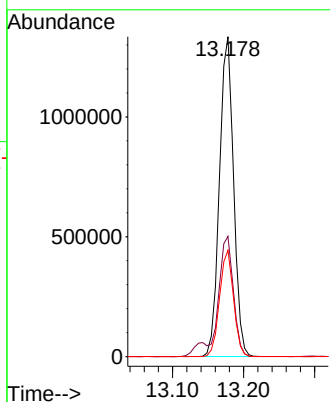
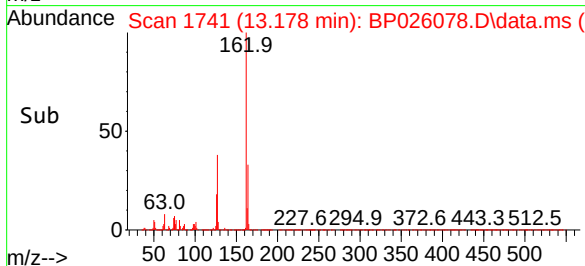
Instrument :
BNA_P
ClientSampleId :
PB170424BS



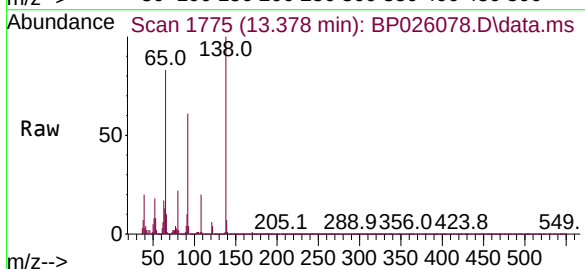
Tgt Ion:162 Resp: 1849030
Ion Ratio Lower Upper
162 100
127 37.6 31.4 47.2
164 33.2 25.9 38.9

Manual Integrations
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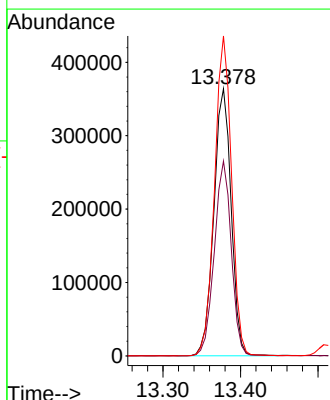
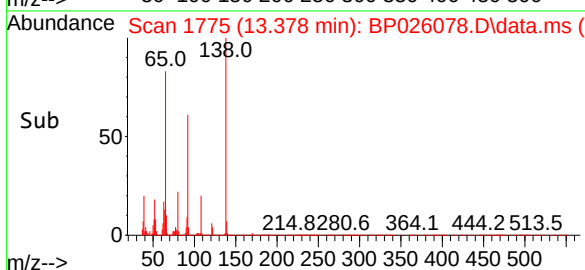
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

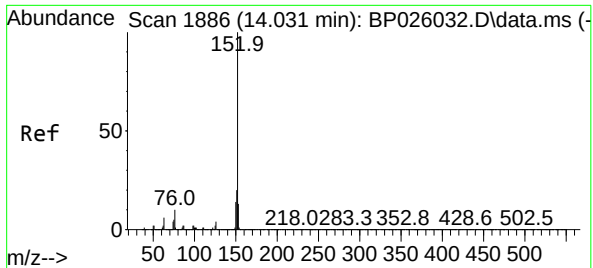


#48
2-Nitroaniline
Concen: 48.980 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54



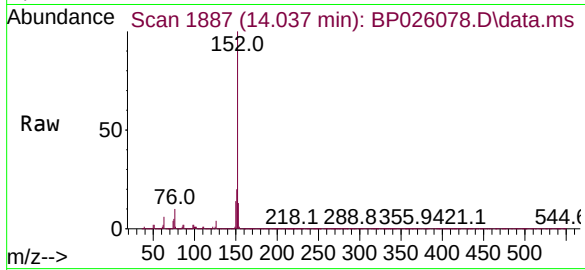
Tgt Ion: 65 Resp: 565071
Ion Ratio Lower Upper
65 100
92 72.9 55.5 83.3
138 119.8 91.7 137.5





#49
Acenaphthylene
Concen: 49.996 ng
RT: 14.037 min Scan# 1887
Delta R.T. 0.001 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

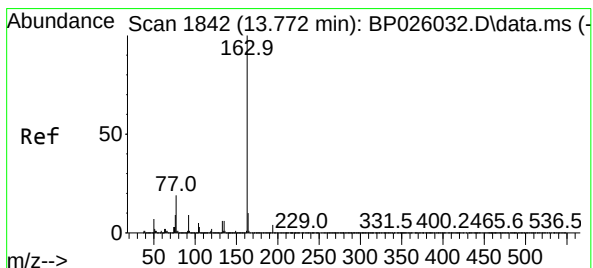
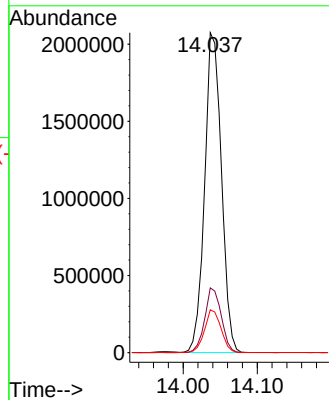
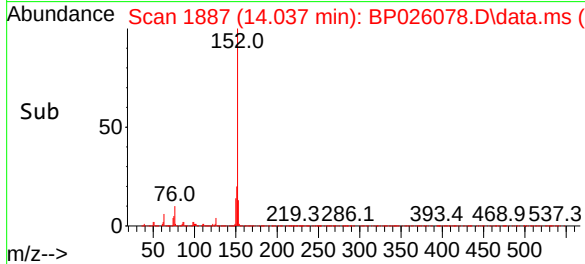
Instrument :
BNA_P
ClientSampleId :
PB170424BS



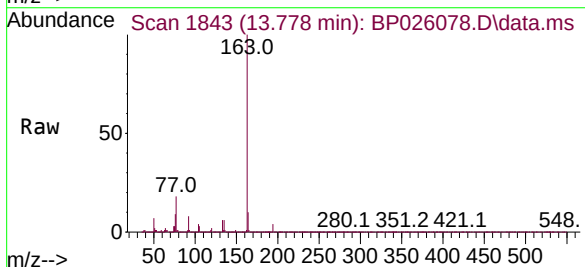
Tgt Ion:152 Resp: 3262480
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.4 10.6 16.0

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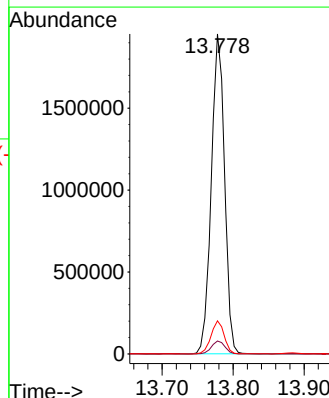
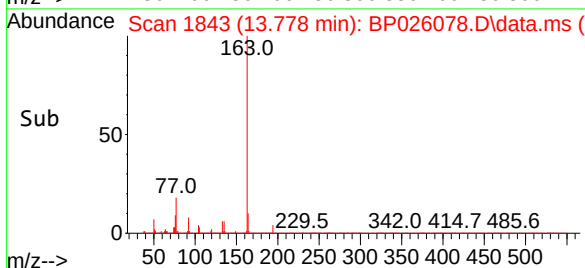
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

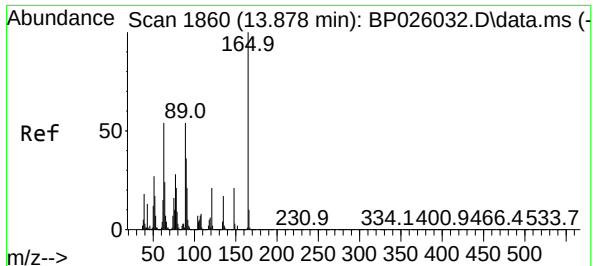


#50
Dimethylphthalate
Concen: 46.858 ng
RT: 13.778 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54



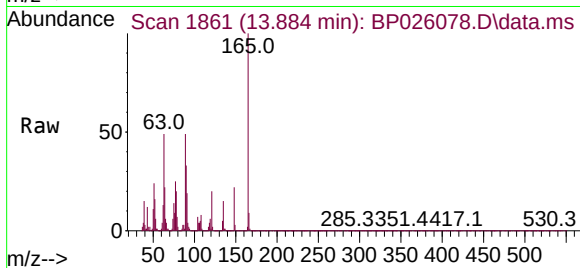
Tgt Ion:163 Resp: 2532955
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.171 ng
RT: 13.884 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

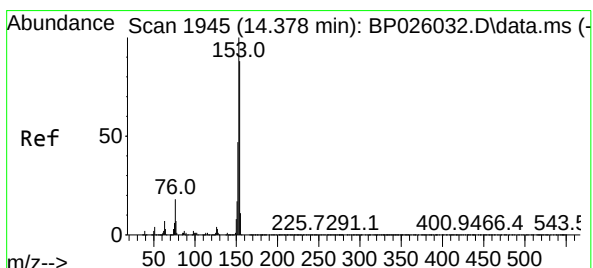
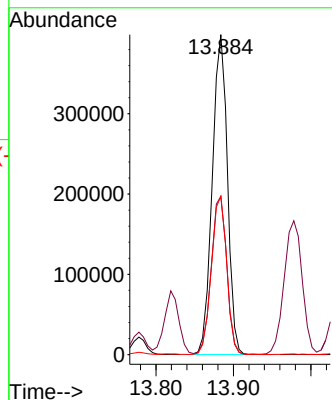
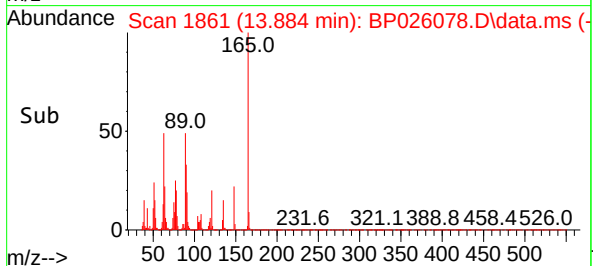
Instrument :
BNA_P
ClientSampleId :
PB170424BS



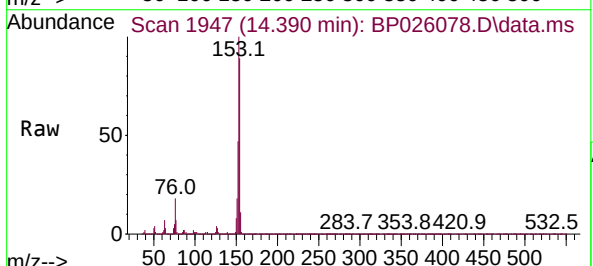
Tgt Ion:165 Resp: 540117
Ion Ratio Lower Upper
165 100
63 49.4 43.0 64.4
89 49.5 43.0 64.4

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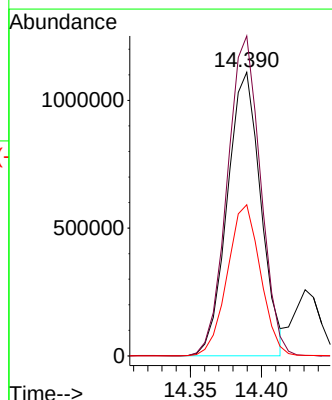
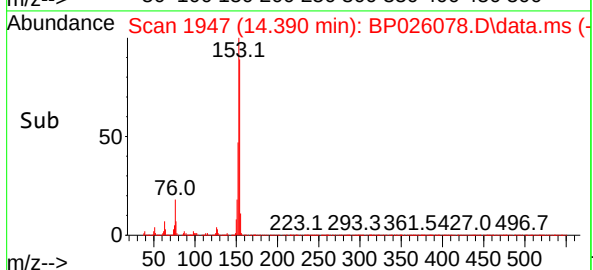
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

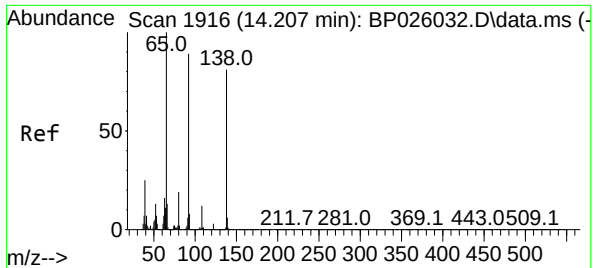


#52
Acenaphthene
Concen: 40.545 ng
RT: 14.390 min Scan# 1947
Delta R.T. 0.007 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54



Tgt Ion:154 Resp: 1816312
Ion Ratio Lower Upper
154 100
153 112.8 91.0 136.4
152 53.3 42.7 64.1





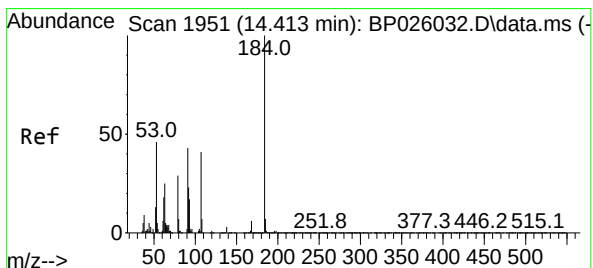
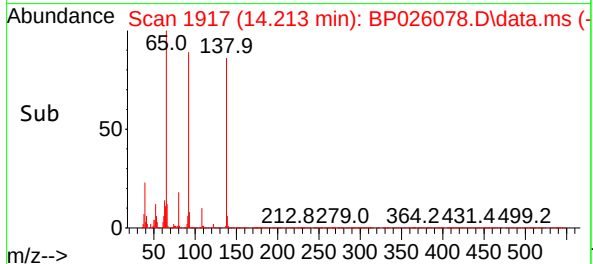
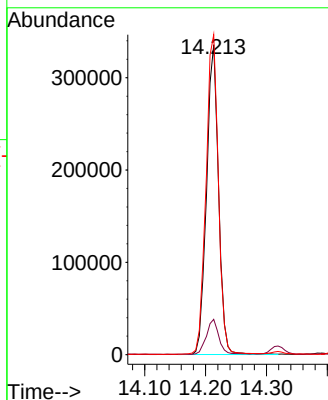
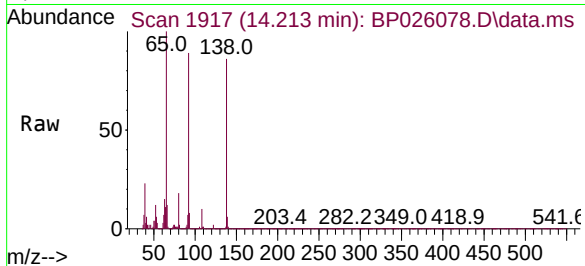
#53
3-Nitroaniline
Concen: 38.212 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Tgt Ion:138 Resp: 458416
Ion Ratio Lower Upper
138 100
108 11.4 11.4 17.0
92 103.3 87.1 130.7

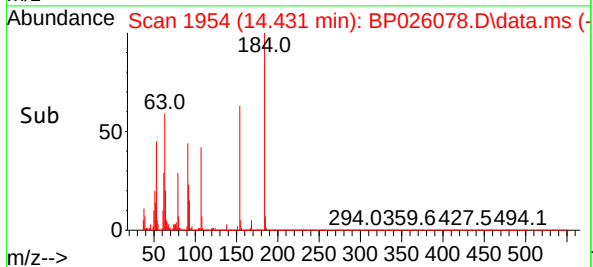
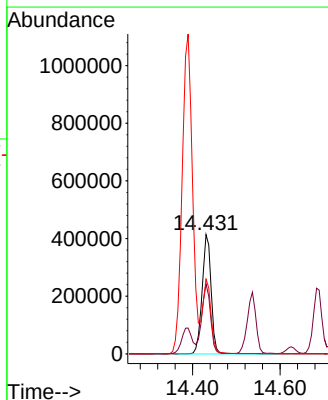
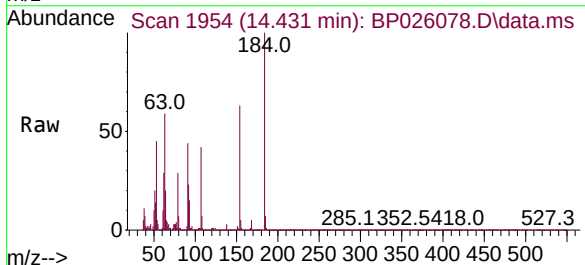
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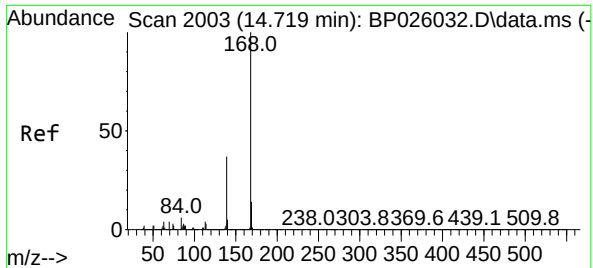
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 107.212 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:184 Resp: 585957
Ion Ratio Lower Upper
184 100
63 58.6 49.0 73.4
154 62.6 51.0 76.6





#55

Dibenzofuran

Concen: 43.876 ng

RT: 14.731 min Scan# 20

Delta R.T. 0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS

Tgt Ion:168 Resp: 296965

Ion Ratio Lower Upper

168 100

139 36.4 29.7 44.5

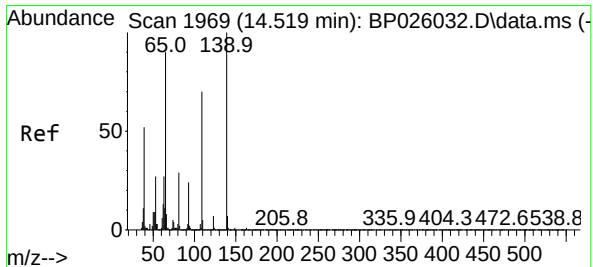
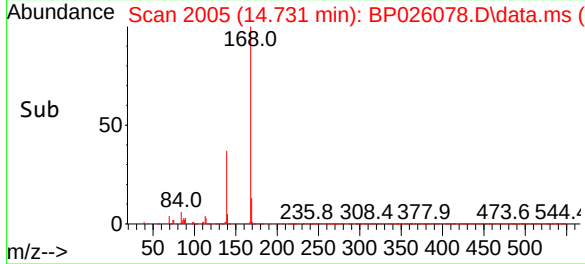
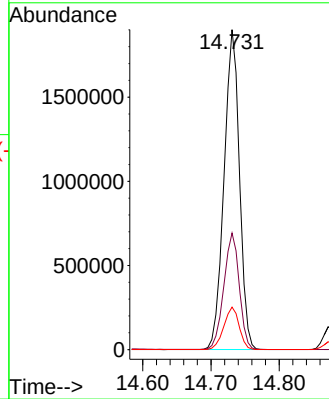
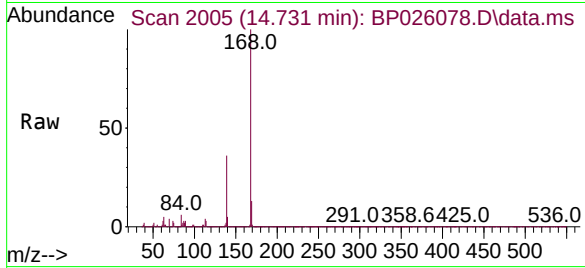
169 13.3 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#56

4-Nitrophenol

Concen: 106.358 ng

RT: 14.537 min Scan# 1972

Delta R.T. 0.018 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

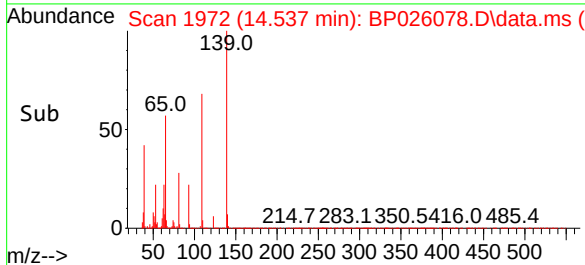
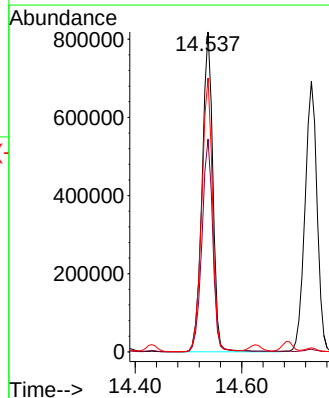
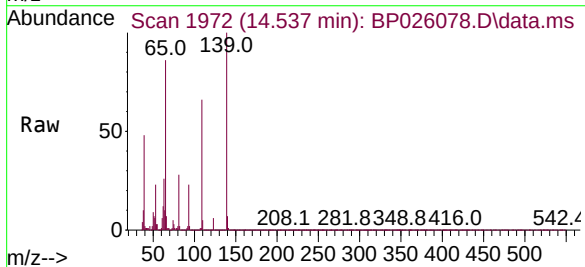
Tgt Ion:139 Resp: 1146432

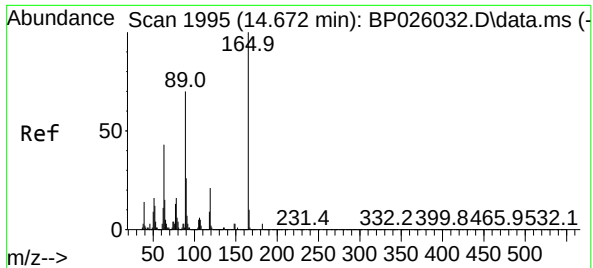
Ion Ratio Lower Upper

139 100

109 66.5 50.0 90.0

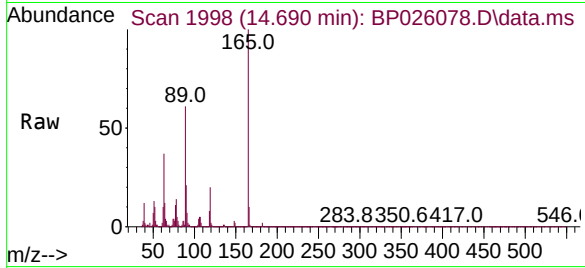
65 85.6 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 53.238 ng
RT: 14.690 min Scan# 1998
Delta R.T. 0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

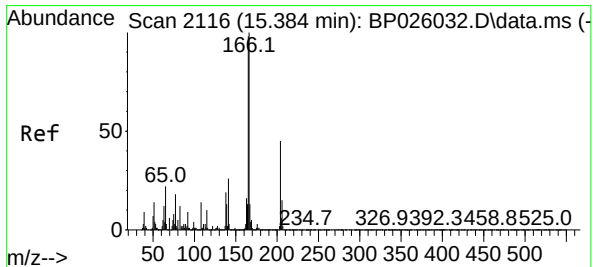
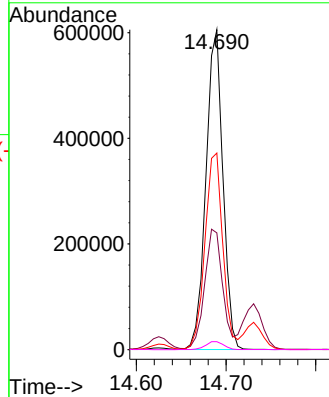
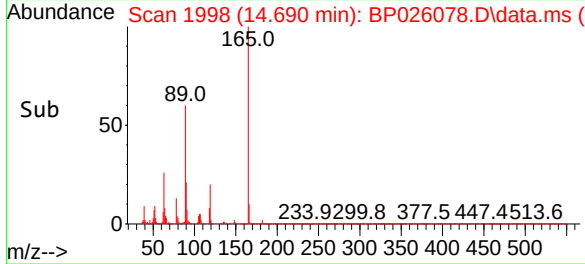
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:165 Resp: 794705
Ion Ratio Lower Upper
165 100
63 36.5 34.2 51.2
89 61.4 56.0 84.0
182 2.5 2.2 3.2

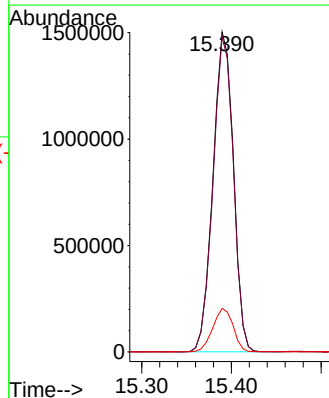
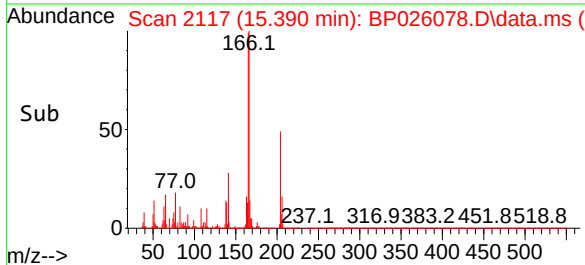
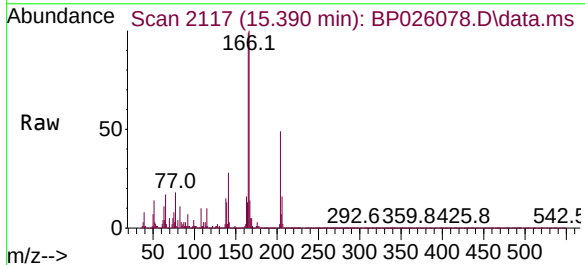
Manual Integrations
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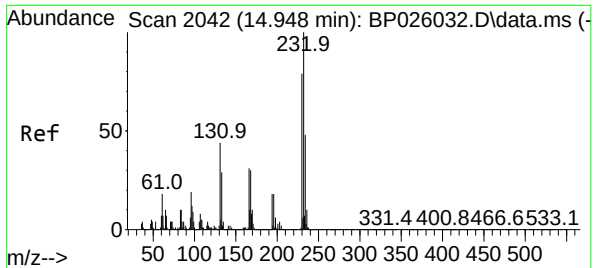
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#58
Fluorene
Concen: 45.133 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:166 Resp: 2393222
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.794 ng

RT: 14.954 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS

Tgt Ion:232 Resp: 707680

Ion Ratio Lower Upper

232 100

131 42.9 35.2 52.8

130 2.1 1.7 2.5

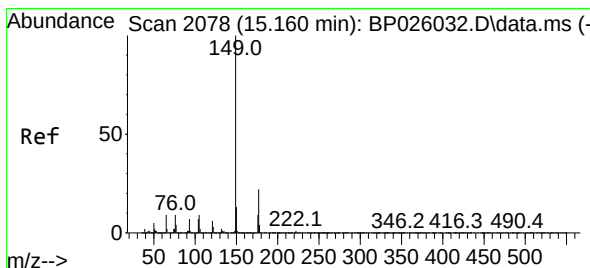
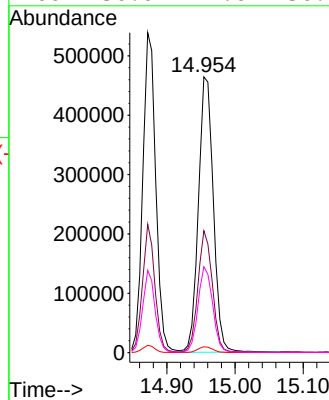
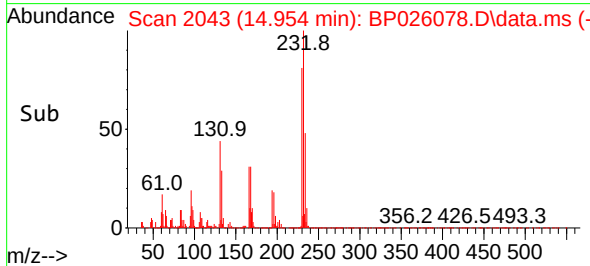
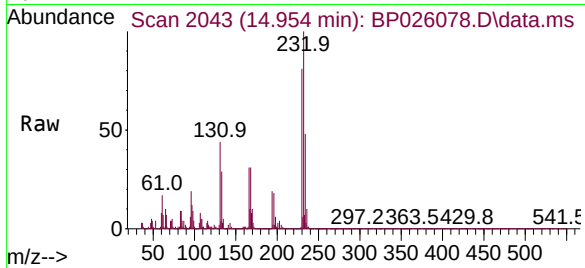
166 30.6 24.6 36.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#60

Diethylphthalate

Concen: 47.689 ng

RT: 15.172 min Scan# 2080

Delta R.T. 0.006 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

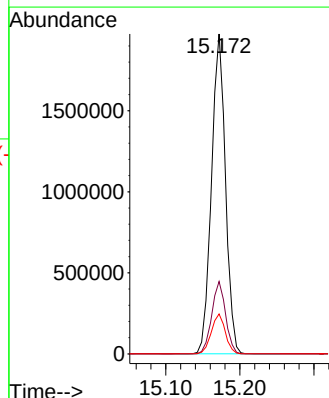
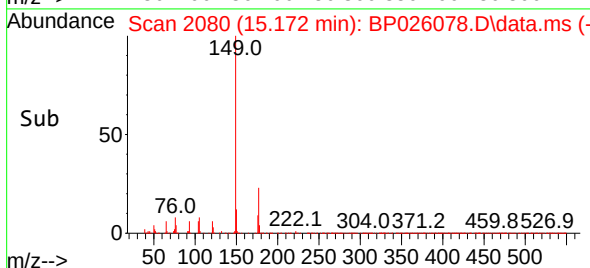
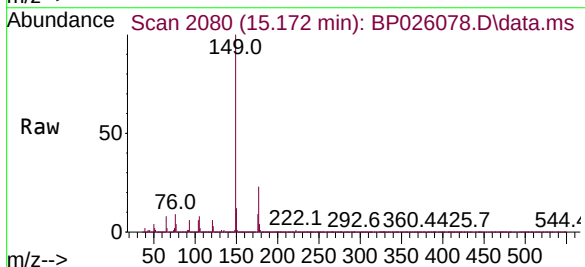
Tgt Ion:149 Resp: 2591597

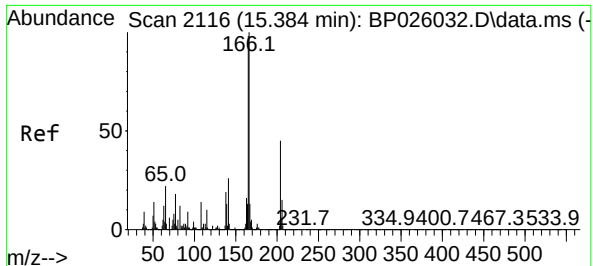
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

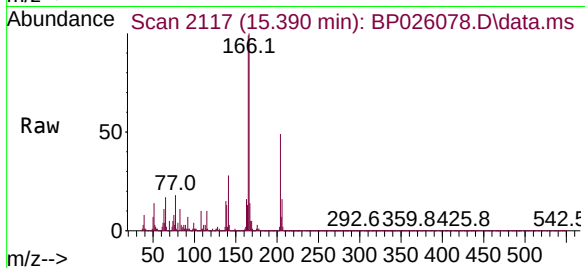
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.245 ng
RT: 15.390 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

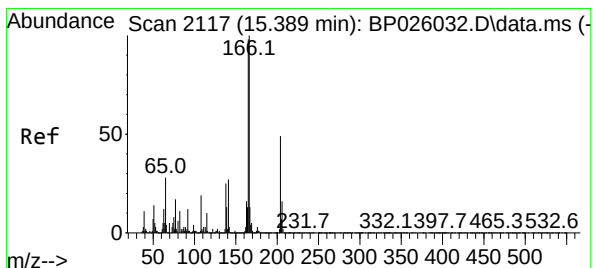
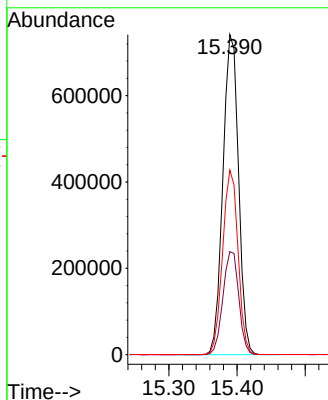
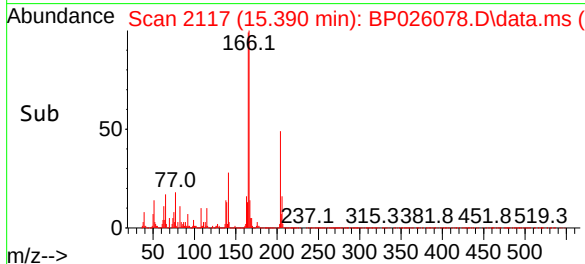
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:204 Resp: 1171602
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 57.6 47.0 70.4

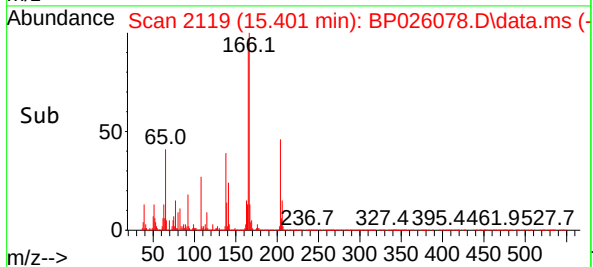
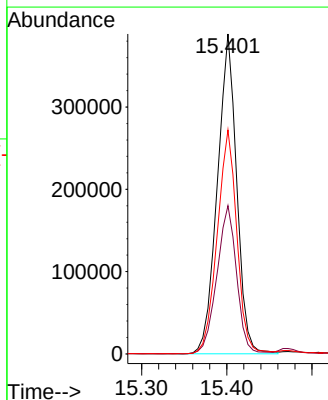
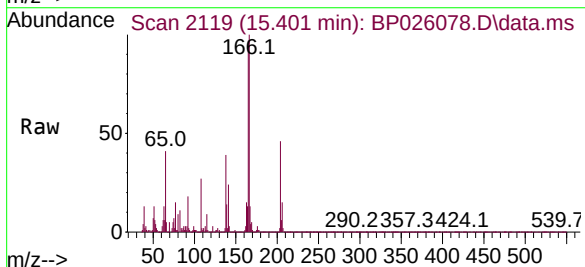
Manual Integrations
APPROVED

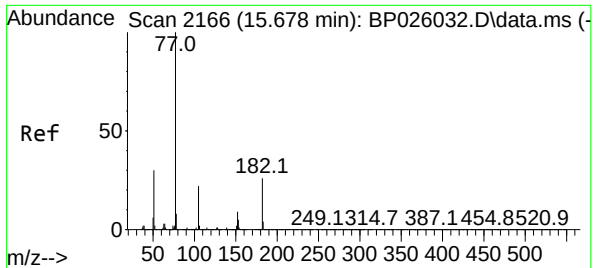
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#62
4-Nitroaniline
Concen: 53.110 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

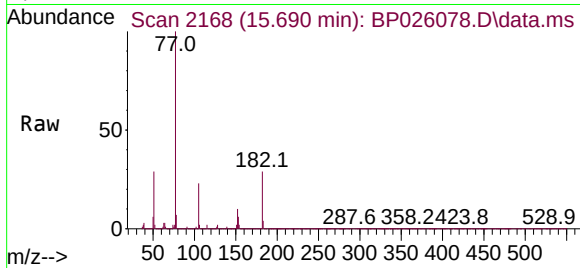
Tgt Ion:138 Resp: 613474
Ion Ratio Lower Upper
138 100
92 46.3 28.2 68.2
108 70.0 56.0 96.0





#63
Azobenzene
Concen: 45.155 ng
RT: 15.690 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

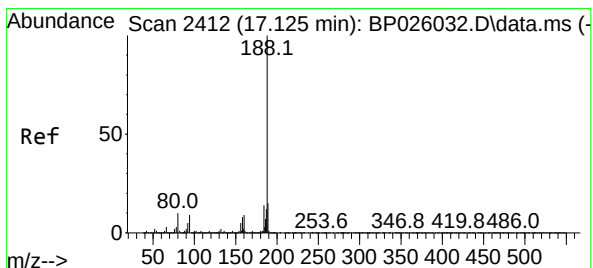
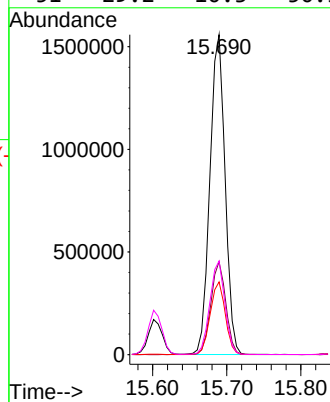
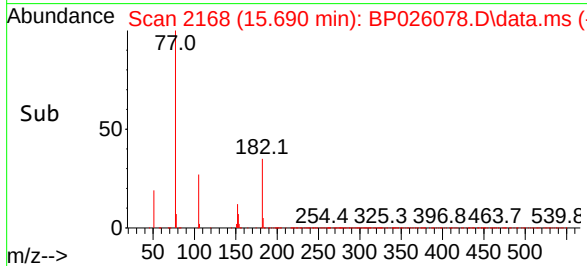
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 77 Resp: 2223930
Ion Ratio Lower Upper
77 100
182 29.0 6.4 46.4
105 22.7 2.2 42.2
51 29.2 10.3 50.3

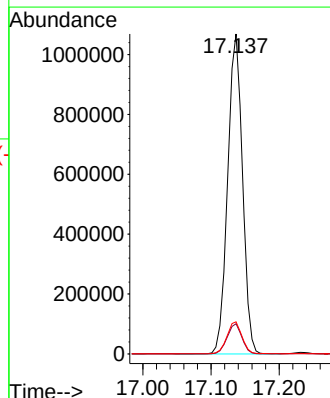
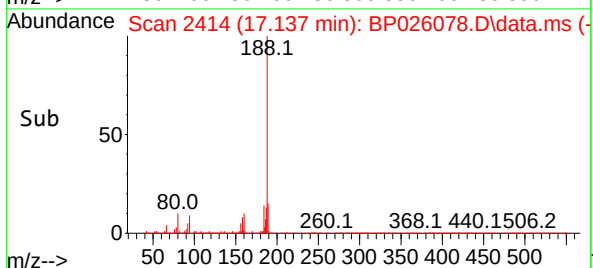
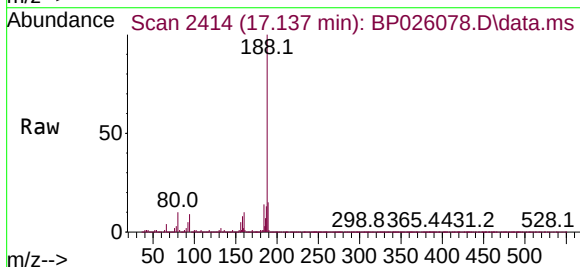
Manual Integrations
APPROVED

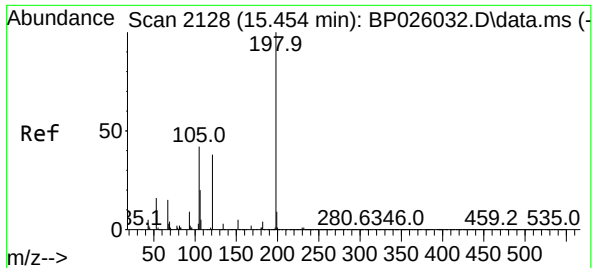
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2414
Delta R.T. 0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

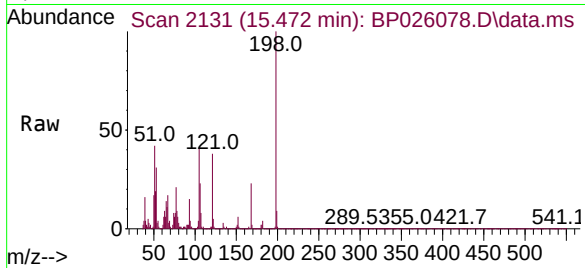
Tgt Ion:188 Resp: 1605700
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.0 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 57.808 ng
RT: 15.472 min Scan# 2128
Delta R.T. 0.018 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

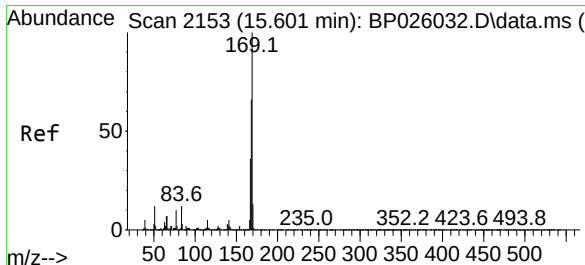
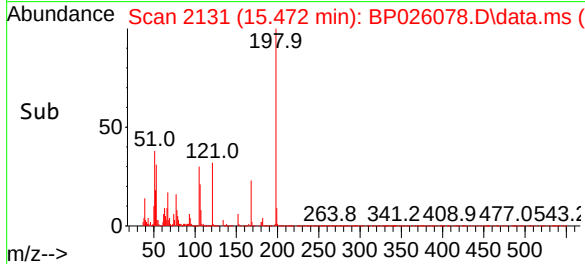
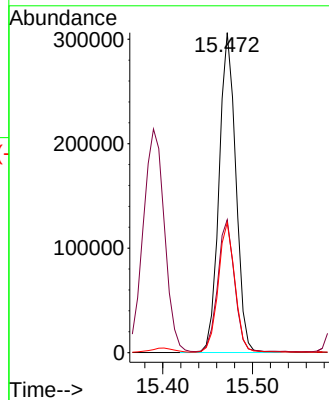
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:198 Resp: 39964
Ion Ratio Lower Upper
198 100
51 41.5 25.2 65.2
105 40.6 23.7 63.7

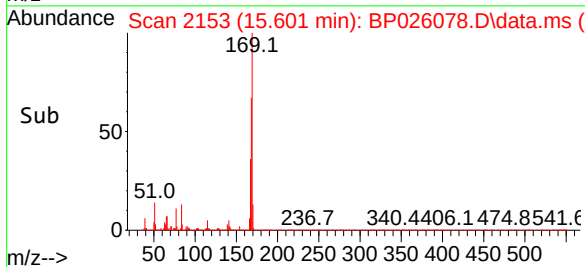
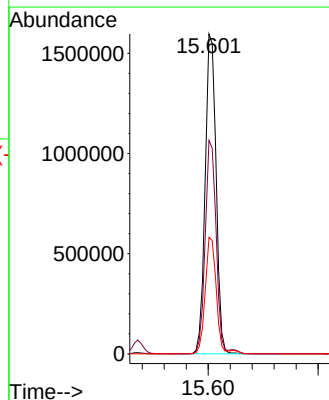
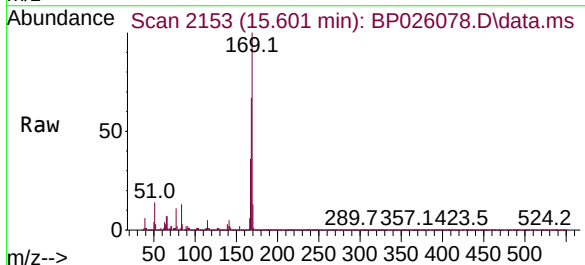
Manual Integrations
APPROVED

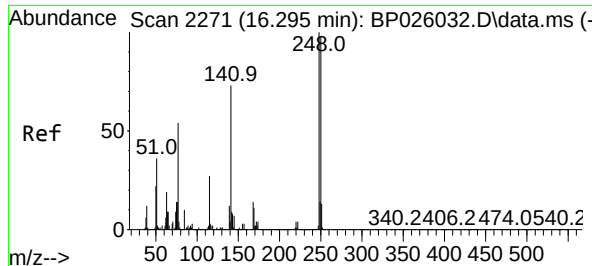
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#66
n-Nitrosodiphenylamine
Concen: 43.706 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion:169 Resp: 2194244
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.345 ng
RT: 16.301 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

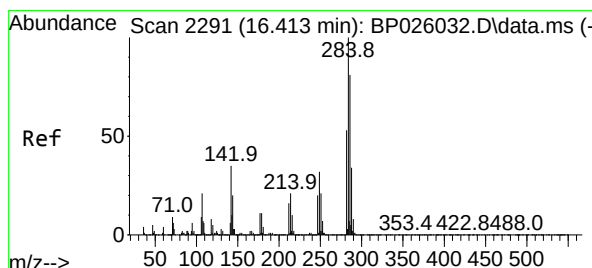
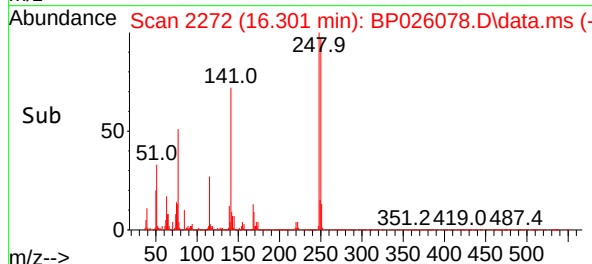
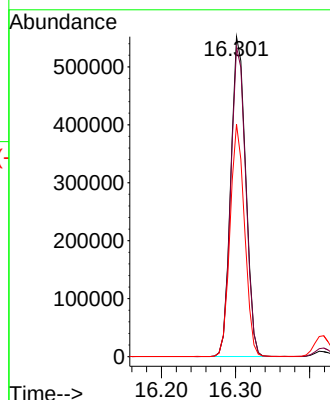
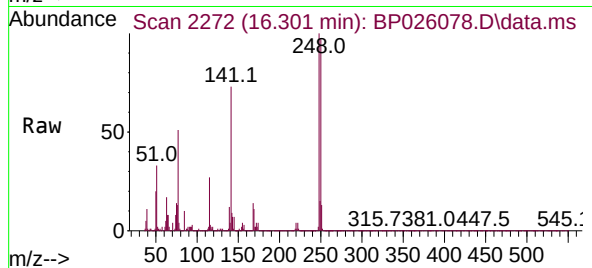
PB170424BS

Tgt Ion:248 Resp: 772035
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 72.6 58.3 87.5

Manual Integrations

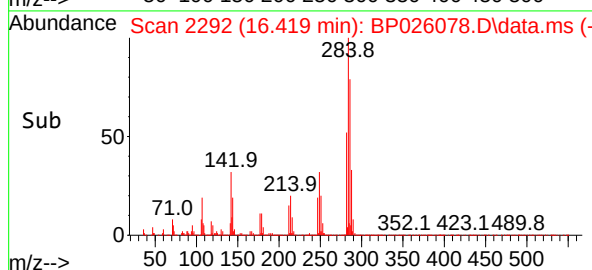
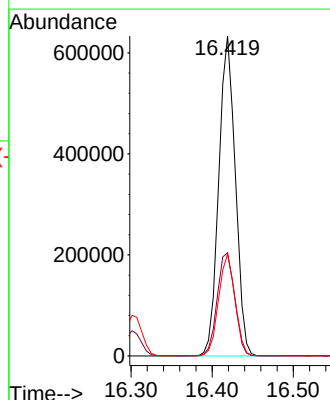
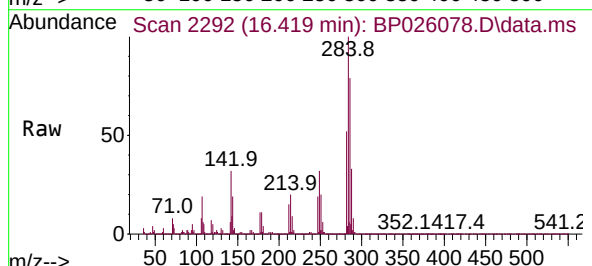
APPROVED

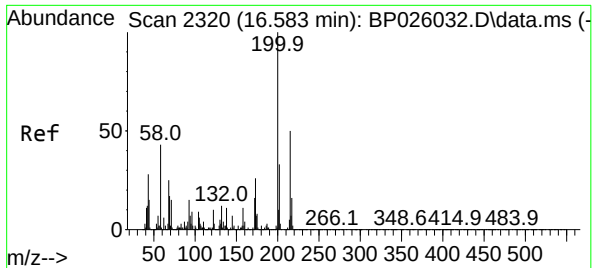
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#68
Hexachlorobenzene
Concen: 44.254 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

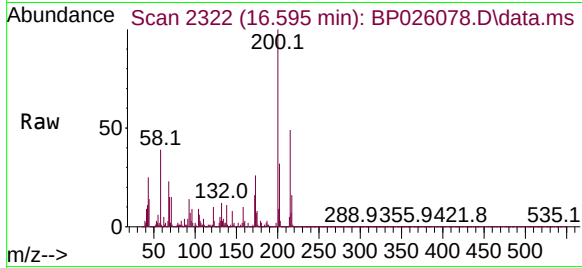
Tgt Ion:284 Resp: 897305
Ion Ratio Lower Upper
284 100
142 32.2 27.7 41.5
249 31.8 25.5 38.3





#69
Atrazine
Concen: 50.836 ng
RT: 16.595 min Scan# 2321
Delta R.T. 0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

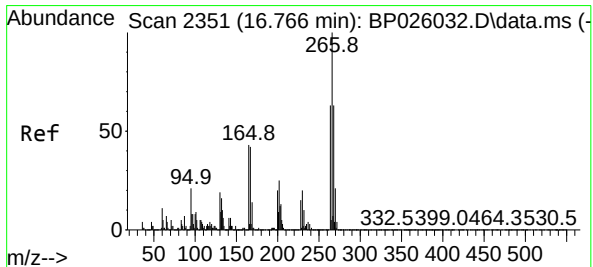
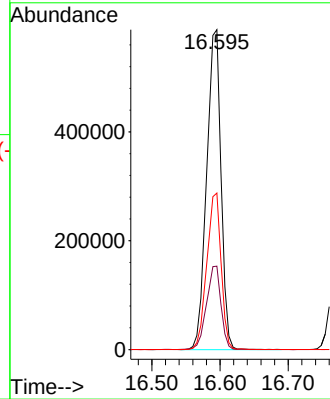
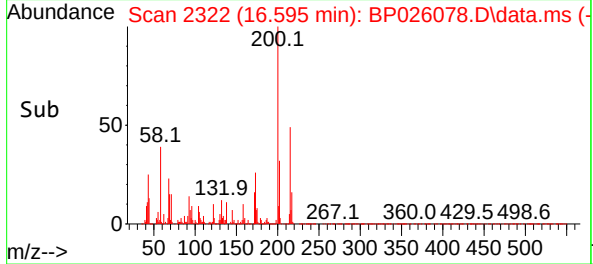
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:200 Resp: 860965
Ion Ratio Lower Upper
200 100
173 26.1 6.2 46.2
215 48.9 29.8 69.8

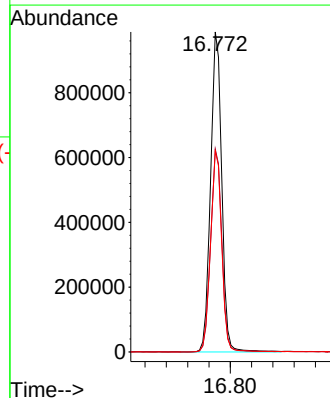
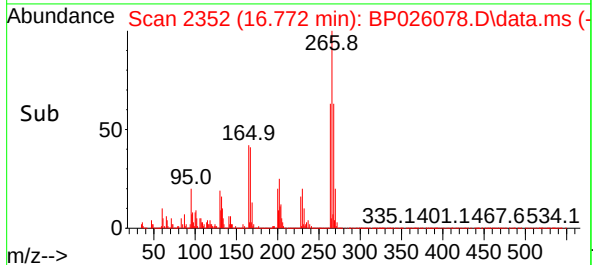
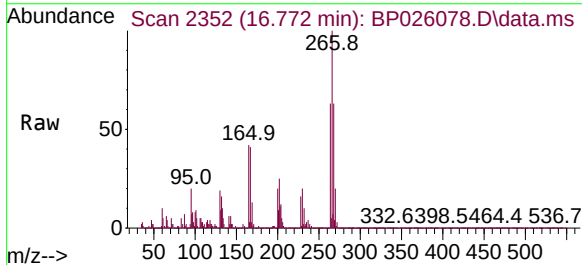
Manual Integrations
APPROVED

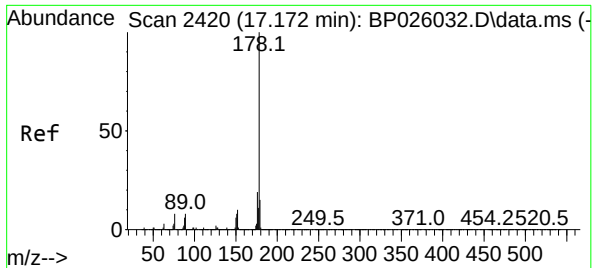
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#70
Pentachlorophenol
Concen: 115.866 ng
RT: 16.772 min Scan# 2352
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

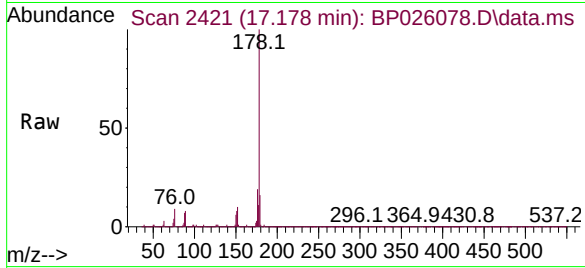
Tgt Ion:266 Resp: 1435012
Ion Ratio Lower Upper
266 100
268 63.4 50.6 76.0
264 62.9 50.2 75.4





#71
Phenanthrene
Concen: 43.147 ng
RT: 17.178 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

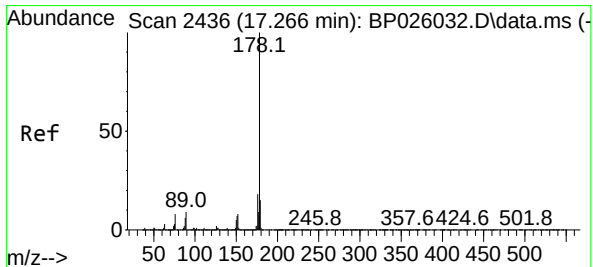
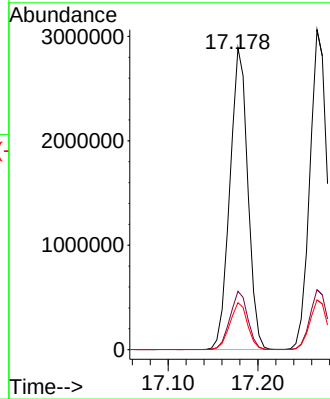
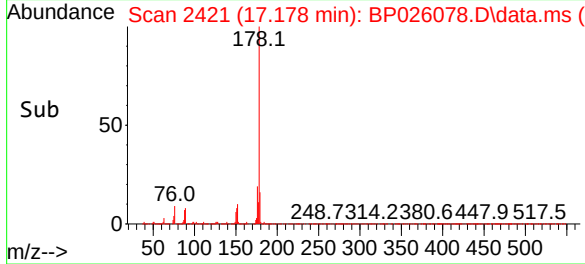
Instrument :
BNA_P
ClientSampleId :
PB170424BS



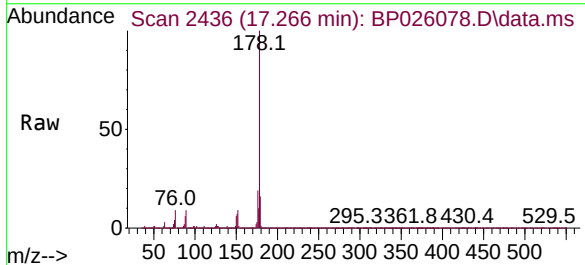
Tgt Ion:178 Resp: 4032543
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.3 18.5

Manual Integrations
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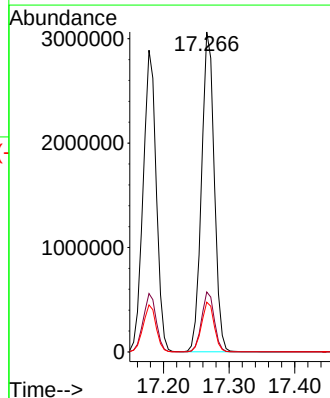
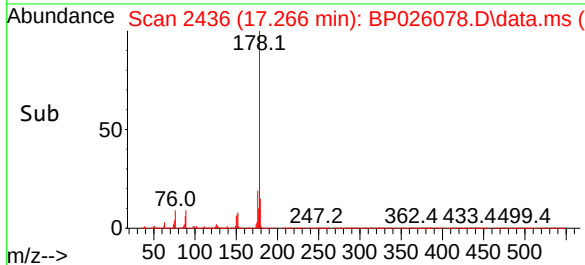
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

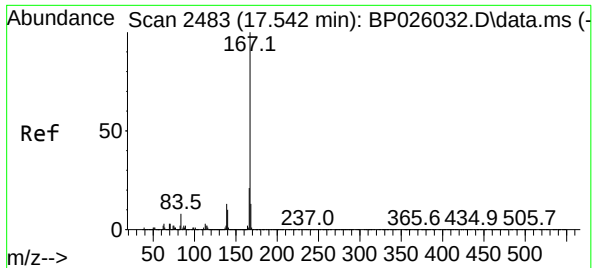


#72
Anthracene
Concen: 44.300 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54



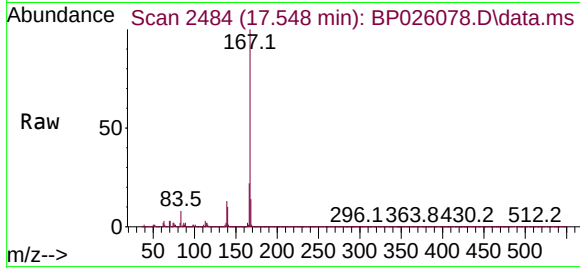
Tgt Ion:178 Resp: 4104031
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 45.927 ng
 RT: 17.548 min Scan# 2483
 Delta R.T. 0.012 min
 Lab File: BP026078.D
 Acq: 06 Nov 2025 14:54

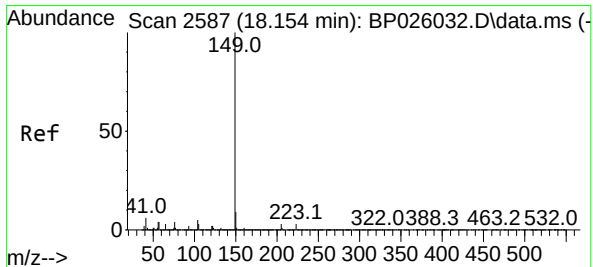
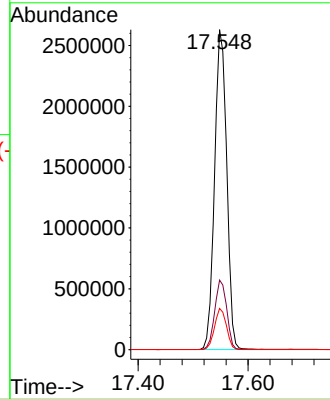
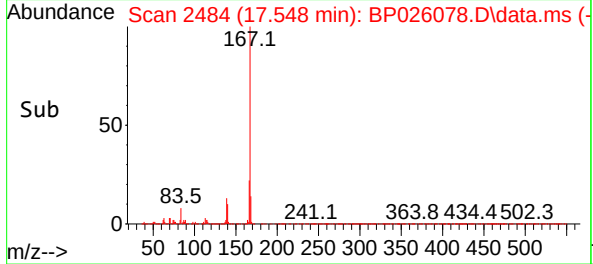
Instrument :
 BNA_P
 ClientSampleId :
 PB170424BS



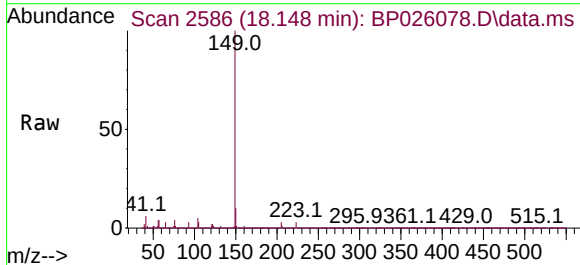
Tgt Ion:167 Resp: 4027600
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.9 10.2 15.2

Manual Integrations
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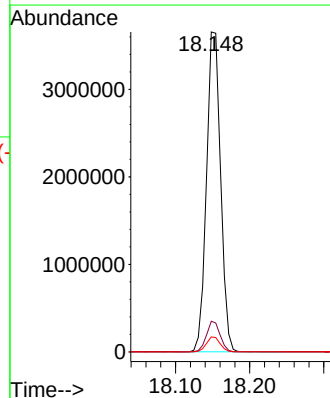
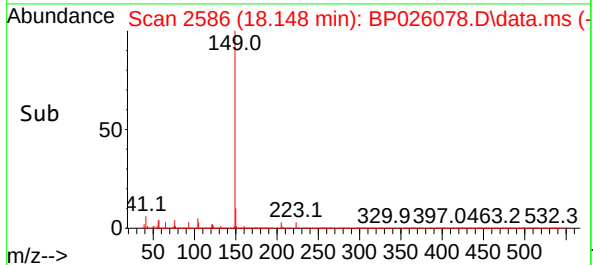
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

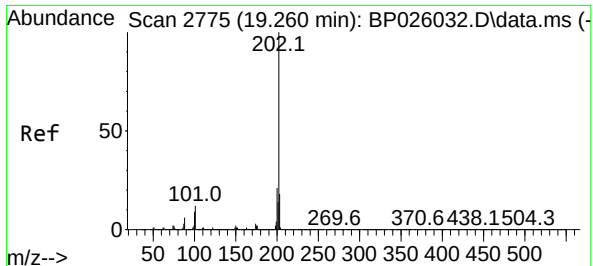


#74
 Di-n-butylphthalate
 Concen: 49.223 ng
 RT: 18.148 min Scan# 2586
 Delta R.T. -0.006 min
 Lab File: BP026078.D
 Acq: 06 Nov 2025 14:54



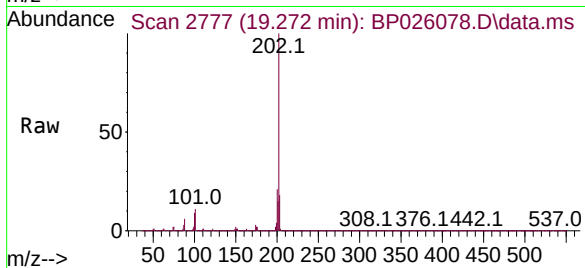
Tgt Ion:149 Resp: 4830149
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.3 10.9
 104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 46.331 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

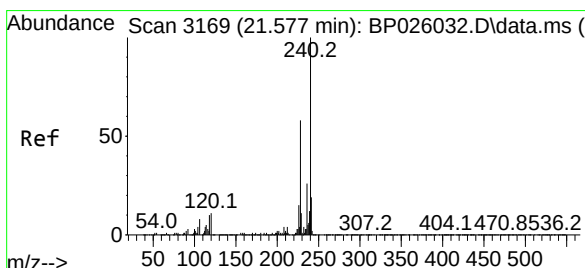
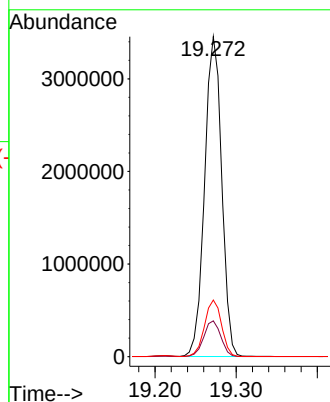
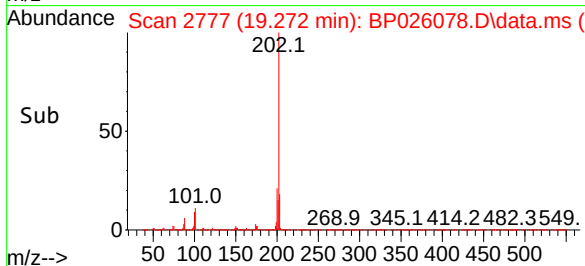
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:202 Resp: 5051062
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.1
203 17.7 0.0 37.6

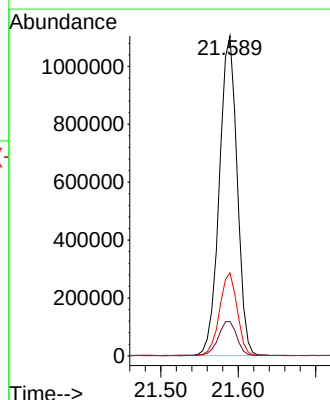
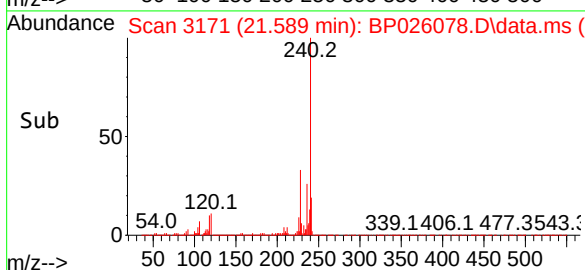
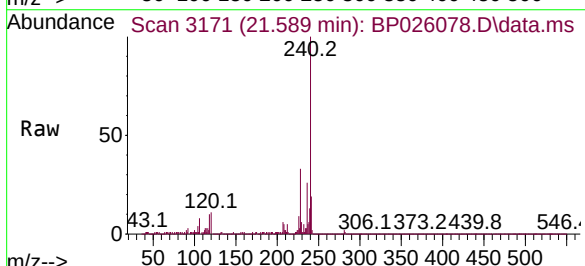
Manual Integrations
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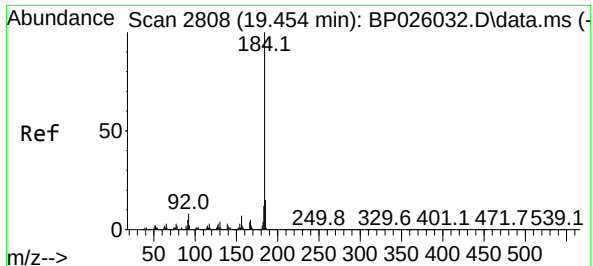
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

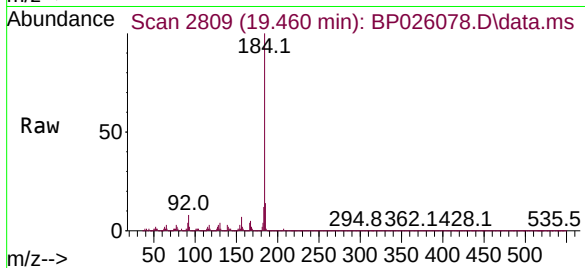
Tgt Ion:240 Resp: 1768366
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.0 20.6 31.0





#77
Benzidine
Concen: 37.780 ng
RT: 19.460 min Scan# 2809
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

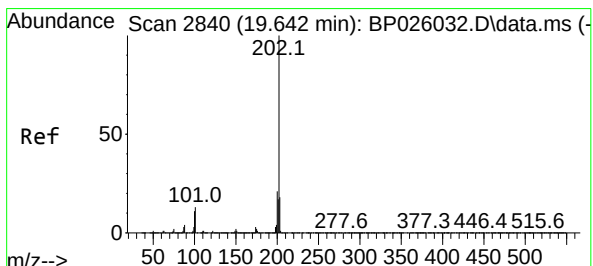
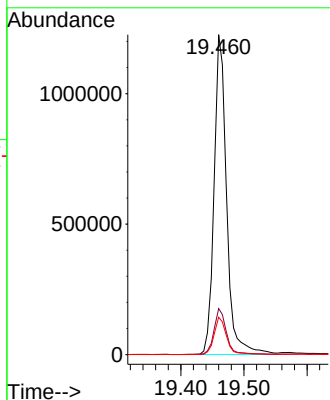
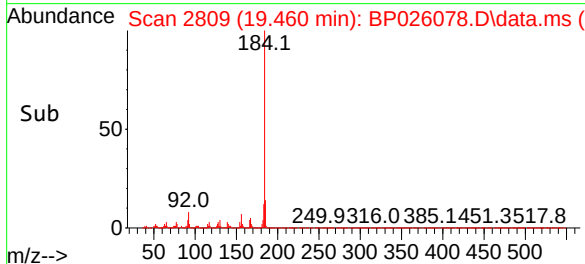
Instrument :
BNA_P
ClientSampleId :
PB170424BS



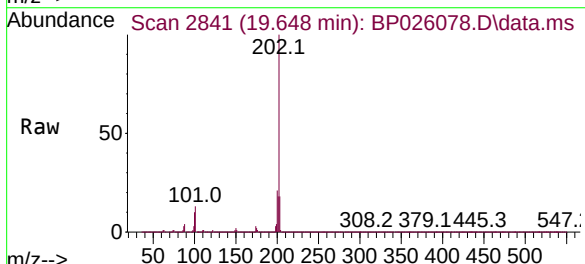
Tgt Ion:184 Resp: 1695764
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.7 9.2 13.8

Manual Integrations
APPROVED

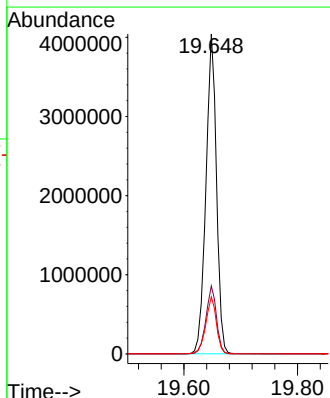
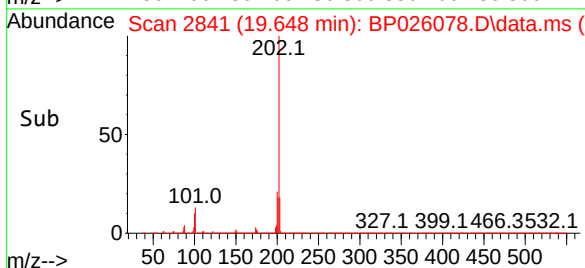
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

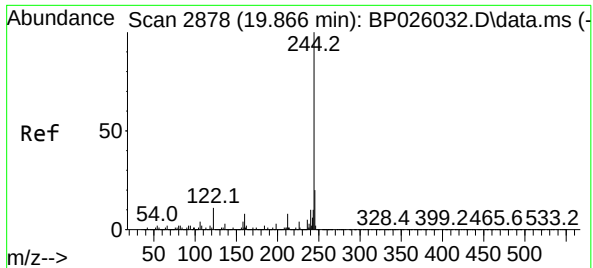


#78
Pyrene
Concen: 43.712 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54



Tgt Ion:202 Resp: 5228032
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.9 14.0 21.0





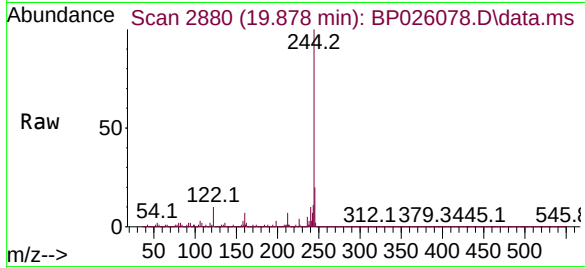
#79
 Terphenyl-d14
 Concen: 83.575 ng
 RT: 19.878 min Scan# 2878
 Delta R.T. 0.012 min
 Lab File: BP026078.D
 Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS

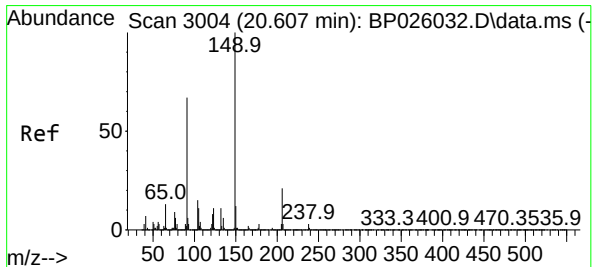
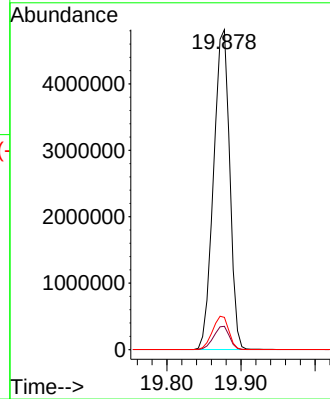
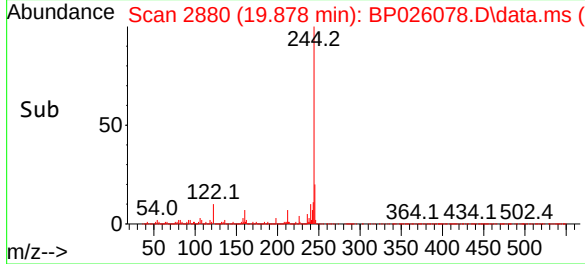


Tgt Ion:244 Resp: 7274300
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 9.0 13.6

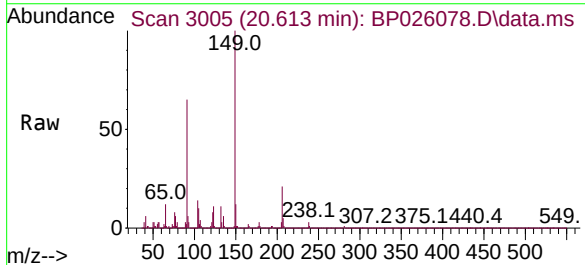
Manual Integrations

APPROVED

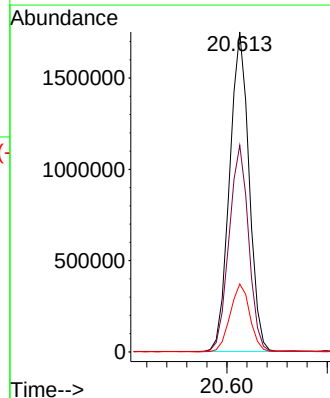
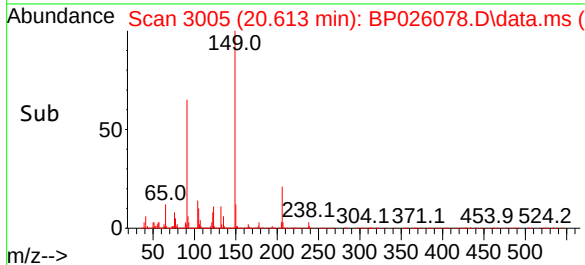
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

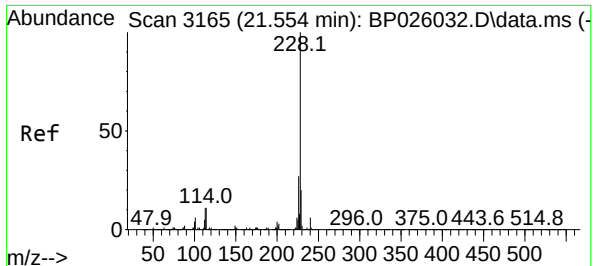


#80
 Butylbenzylphthalate
 Concen: 52.562 ng
 RT: 20.613 min Scan# 3005
 Delta R.T. 0.006 min
 Lab File: BP026078.D
 Acq: 06 Nov 2025 14:54



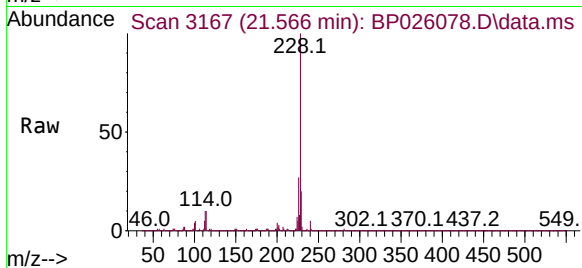
Tgt Ion:149 Resp: 2362622
 Ion Ratio Lower Upper
 149 100
 91 64.6 53.5 80.3
 206 21.2 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.060 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.018 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

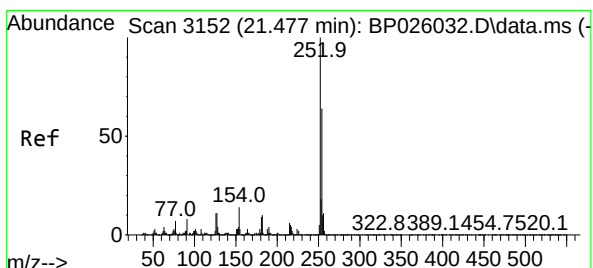
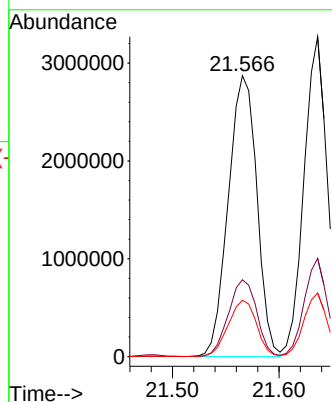
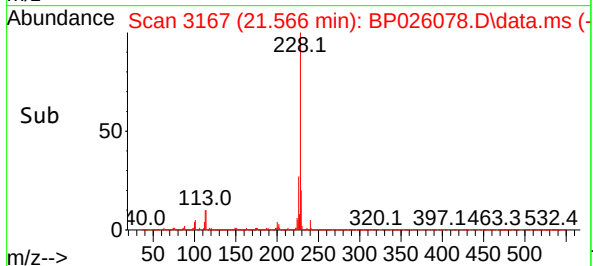
Instrument :
BNA_P
ClientSampleId :
PB170424BS



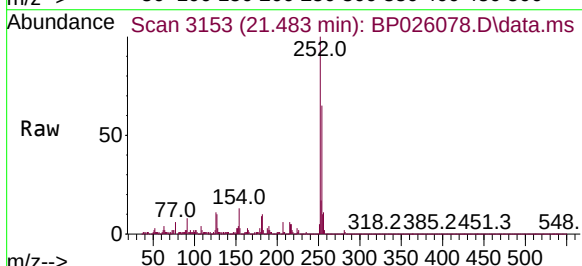
Tgt Ion:228 Resp: 5354112
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.1 15.8 23.8

Manual Integrations
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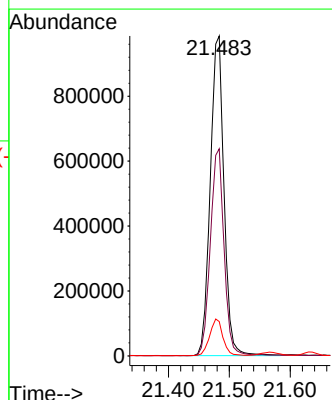
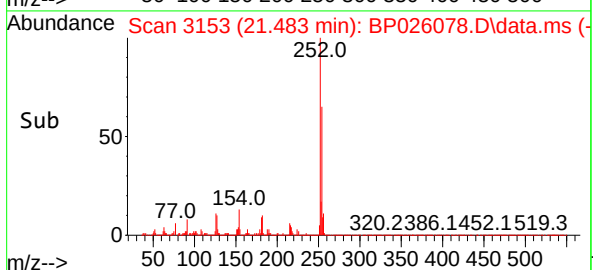
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

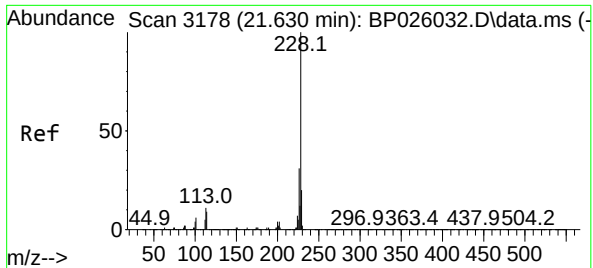


#82
3,3'-Dichlorobenzidine
Concen: 39.364 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54



Tgt Ion:252 Resp: 1541201
Ion Ratio Lower Upper
252 100
254 64.7 51.3 76.9
126 10.7 9.1 13.7





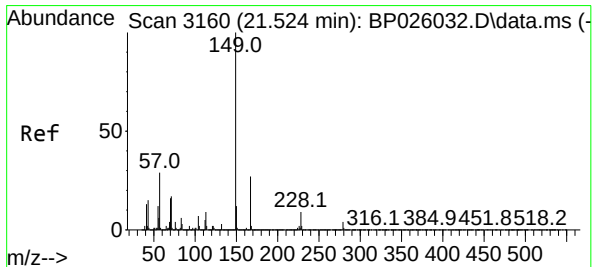
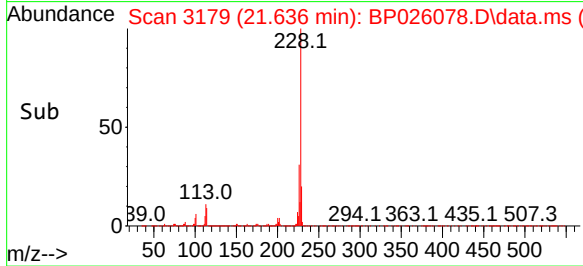
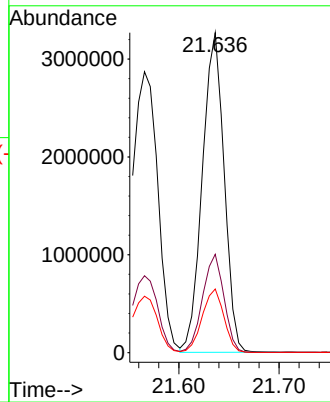
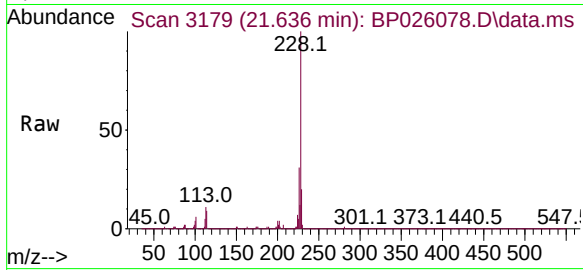
#83
Chrysene
Concen: 42.834 ng
RT: 21.636 min Scan# 3178
Delta R.T. 0.018 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Tgt Ion:228 Resp: 493067
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 19.9 16.0 24.0

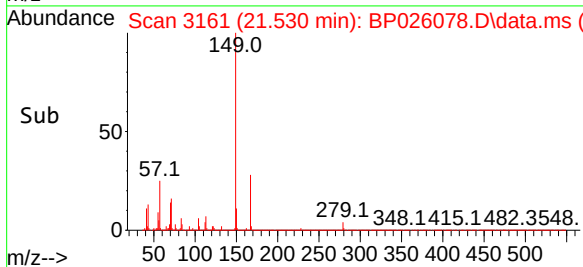
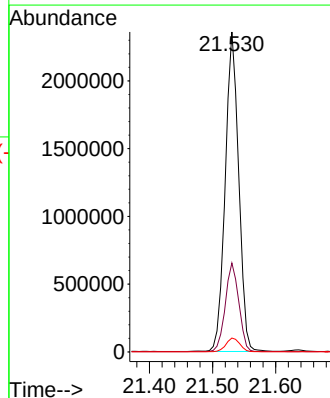
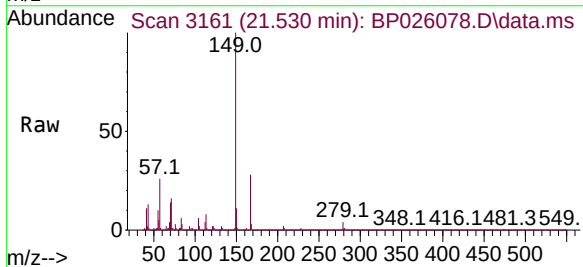
Manual Integrations
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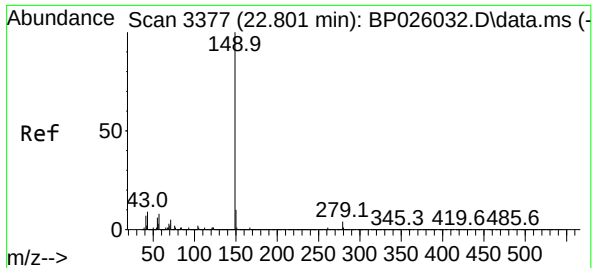
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.947 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

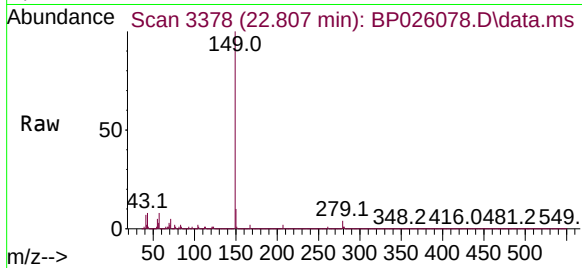
Tgt Ion:149 Resp: 3492262
Ion Ratio Lower Upper
149 100
167 27.8 21.5 32.3
279 4.3 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 58.006 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

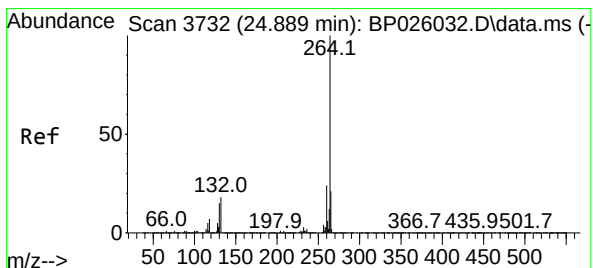
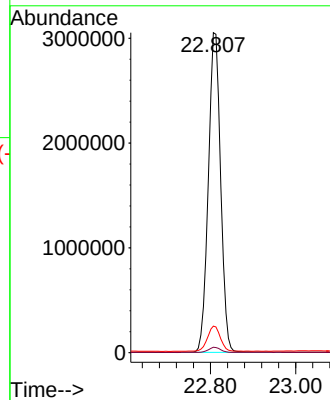
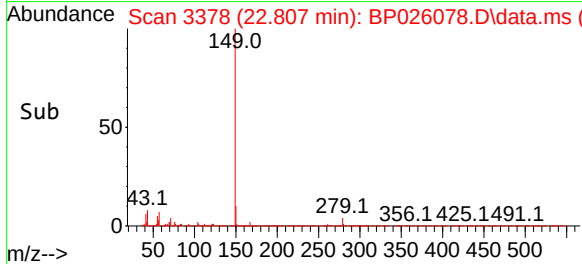
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion:149 Resp: 6106180
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.6 11.4

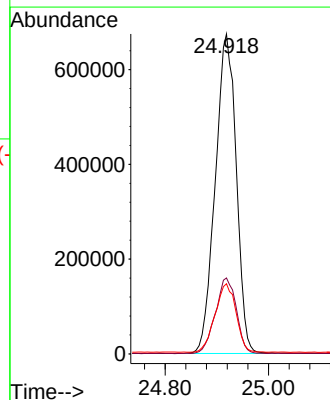
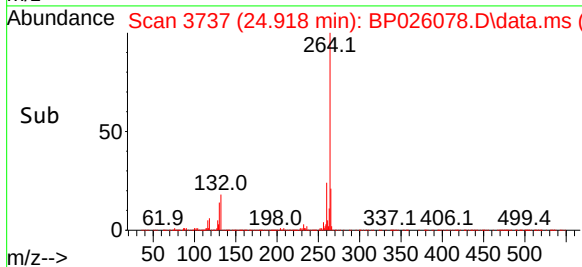
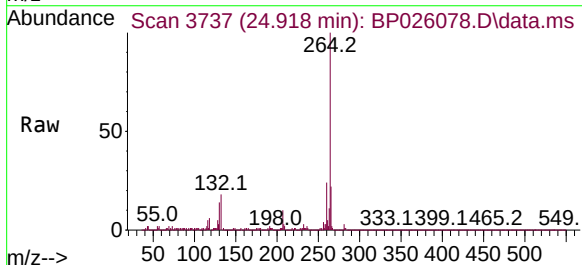
Manual Integrations
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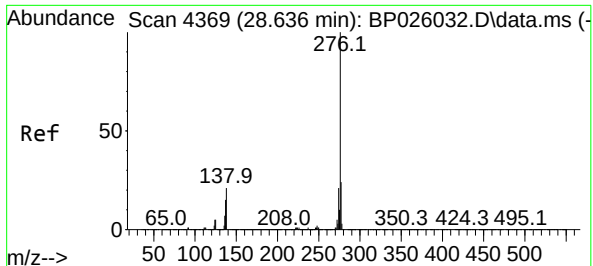
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.036 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

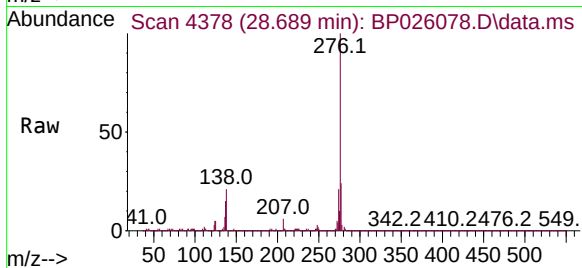
Tgt Ion:264 Resp: 1900235
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.529 ng m
RT: 28.689 min Scan# 4369
Delta R.T. 0.030 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

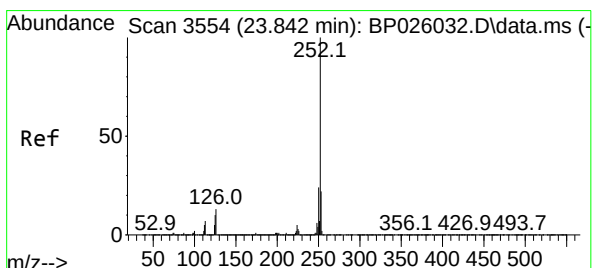
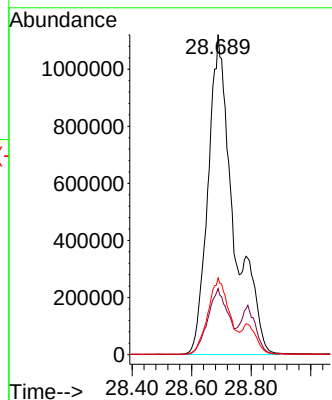
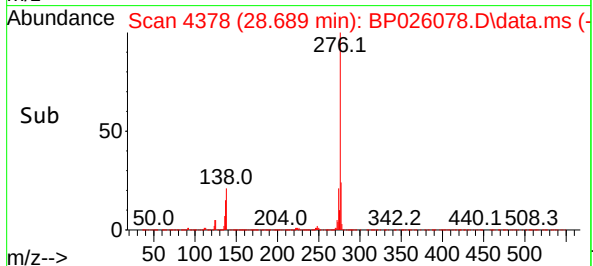
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 276 Resp: 666785
Ion Ratio Lower Upper
276 100
138 16.6 13.2 19.8
277 19.9 16.3 24.5

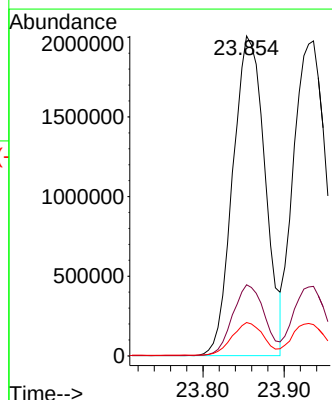
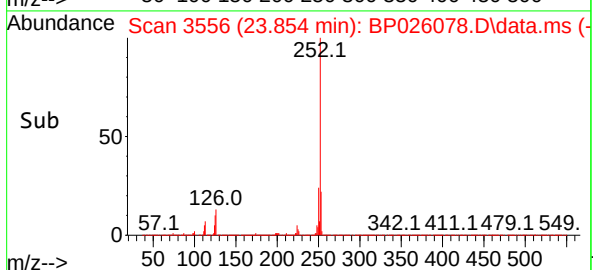
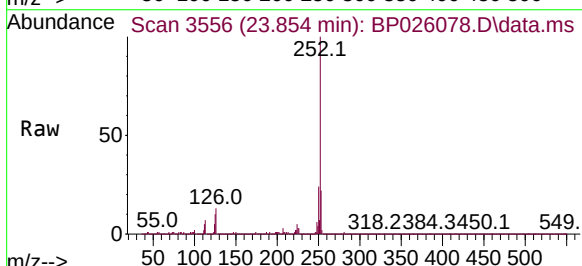
Manual Integrations
APPROVED

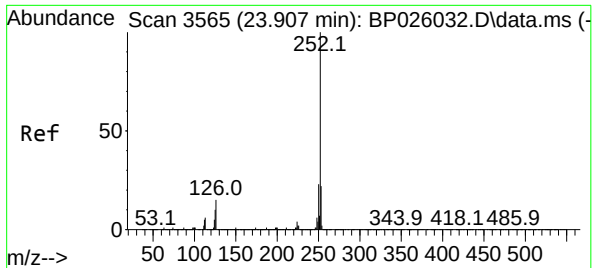
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#88
Benzo(b)fluoranthene
Concen: 47.002 ng
RT: 23.854 min Scan# 3556
Delta R.T. 0.006 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion: 252 Resp: 5544570
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 45.417 ng

RT: 23.936 min Scan# 3565

Delta R.T. 0.012 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

Instrument :

BNA_P

ClientSampleId :

PB170424BS

Tgt Ion:252 Resp: 547110

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

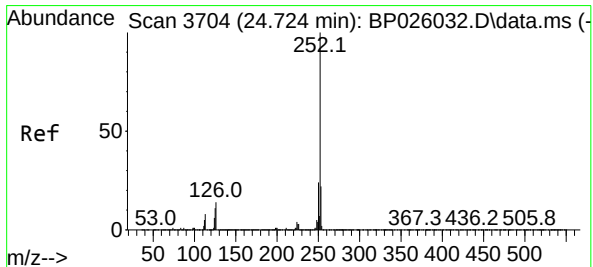
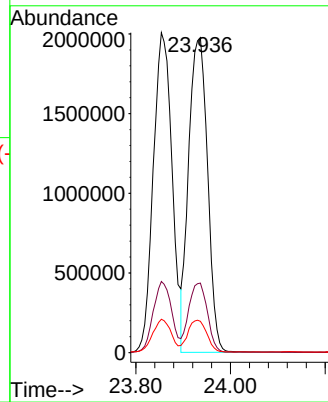
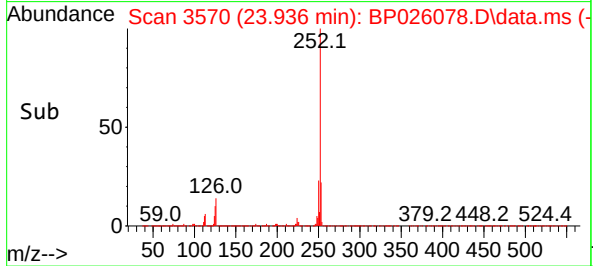
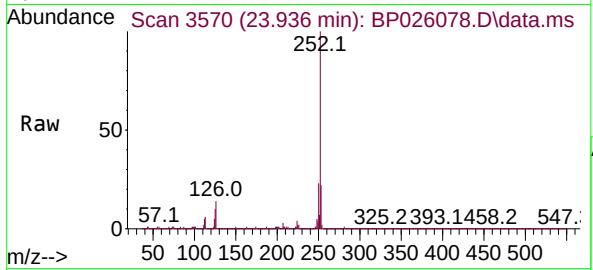
125 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#90

Benzo(a)pyrene

Concen: 48.935 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.012 min

Lab File: BP026078.D

Acq: 06 Nov 2025 14:54

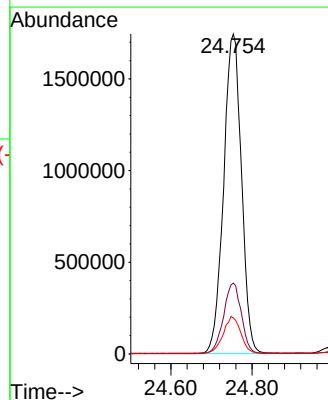
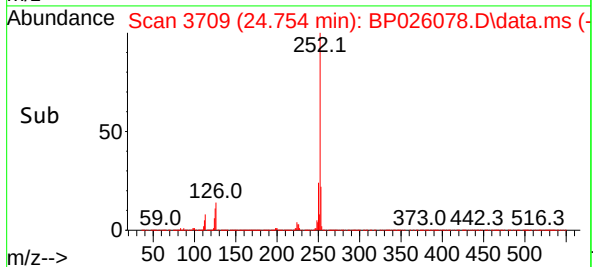
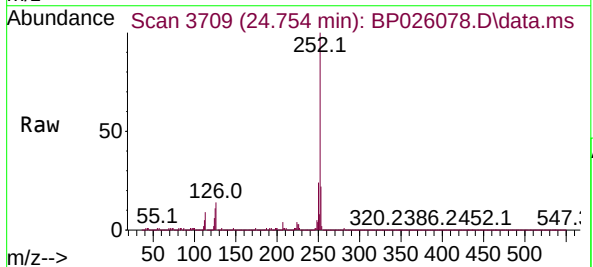
Tgt Ion:252 Resp: 5303300

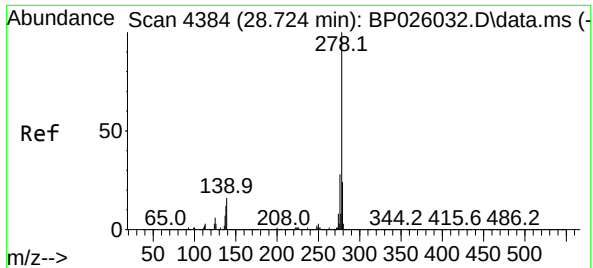
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

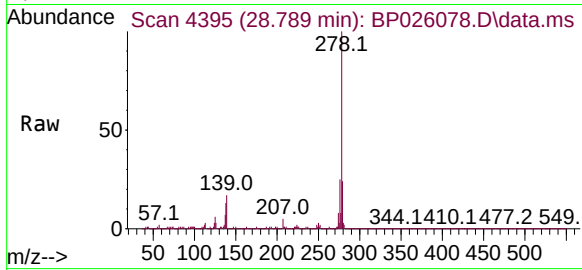
125 11.2 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 48.279 ng
RT: 28.789 min Scan# 4384
Delta R.T. 0.041 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

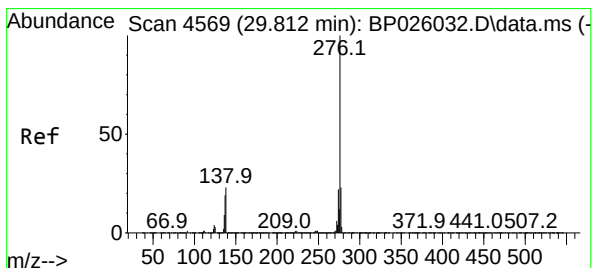
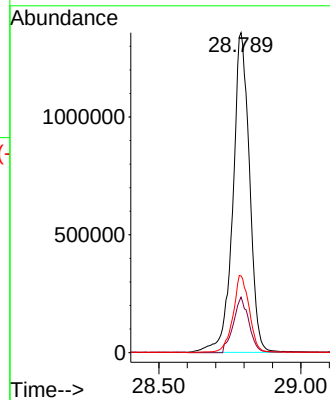
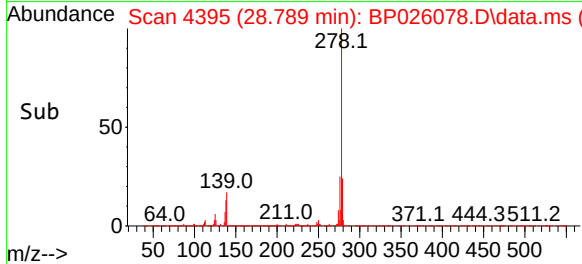
Instrument :
BNA_P
ClientSampleId :
PB170424BS



Tgt Ion: 278 Resp: 5511788
Ion Ratio Lower Upper
278 100
139 17.3 13.0 19.6
279 24.0 18.9 28.3

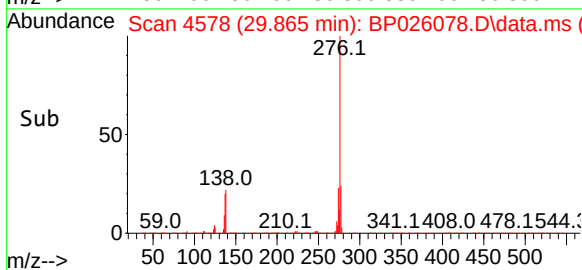
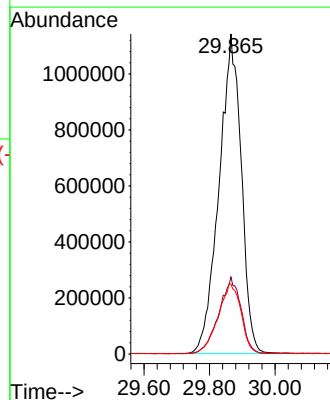
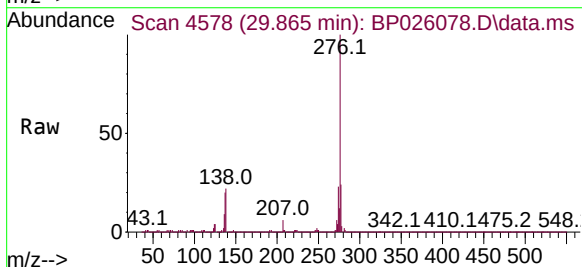
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#92
Benzo(g,h,i)perylene
Concen: 49.046 ng
RT: 29.865 min Scan# 4578
Delta R.T. 0.036 min
Lab File: BP026078.D
Acq: 06 Nov 2025 14:54

Tgt Ion: 276 Resp: 5388220
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 21.8 18.1 27.1



Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:
Project: Edison Landfill	Date Received:
Client Sample ID: PB170424BSD	SDG No.: Q3552
Lab Sample ID: PB170424BSD	Matrix: Water
Analytical Method: 8270E	% Solid: 0
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20
Prep Method : 3510C	
Level: LOW	
Final Vol: 1000 uL	
Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	32.9		1	3.90	10.0	ug/L	11/06/25 15:35	PB170424
108-95-2	Phenol	47.0		1	0.91	5.00	ug/L	11/06/25 15:35	PB170424
111-44-4	bis(2-Chloroethyl)ether	41.7		1	0.81	5.00	ug/L	11/06/25 15:35	PB170424
95-57-8	2-Chlorophenol	48.7		1	0.58	5.00	ug/L	11/06/25 15:35	PB170424
95-48-7	2-Methylphenol	49.2		1	1.10	5.00	ug/L	11/06/25 15:35	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	39.3		1	1.30	5.00	ug/L	11/06/25 15:35	PB170424
98-86-2	Acetophenone	47.3		1	0.74	5.00	ug/L	11/06/25 15:35	PB170424
65794-96-9	3+4-Methylphenols	49.0		1	1.10	10.0	ug/L	11/06/25 15:35	PB170424
621-64-7	n-Nitroso-di-n-propylamine	45.4		1	1.40	2.50	ug/L	11/06/25 15:35	PB170424
67-72-1	Hexachloroethane	43.7		1	0.65	5.00	ug/L	11/06/25 15:35	PB170424
98-95-3	Nitrobenzene	44.5		1	0.76	5.00	ug/L	11/06/25 15:35	PB170424
78-59-1	Isophorone	43.9		1	0.75	5.00	ug/L	11/06/25 15:35	PB170424
88-75-5	2-Nitrophenol	60.8		1	1.80	5.00	ug/L	11/06/25 15:35	PB170424
105-67-9	2,4-Dimethylphenol	51.8		1	1.90	5.00	ug/L	11/06/25 15:35	PB170424
111-91-1	bis(2-Chloroethoxy)methane	43.5		1	0.68	5.00	ug/L	11/06/25 15:35	PB170424
120-83-2	2,4-Dichlorophenol	50.6		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
91-20-3	Naphthalene	41.9		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
106-47-8	4-Chloroaniline	29.5		1	0.84	5.00	ug/L	11/06/25 15:35	PB170424
87-68-3	Hexachlorobutadiene	42.0		1	0.54	5.00	ug/L	11/06/25 15:35	PB170424
105-60-2	Caprolactam	53.5		1	1.10	10.0	ug/L	11/06/25 15:35	PB170424
59-50-7	4-Chloro-3-methylphenol	52.7		1	0.59	5.00	ug/L	11/06/25 15:35	PB170424
91-57-6	2-Methylnaphthalene	39.9		1	0.56	5.00	ug/L	11/06/25 15:35	PB170424
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/06/25 15:35	PB170424
88-06-2	2,4,6-Trichlorophenol	52.0		1	0.51	5.00	ug/L	11/06/25 15:35	PB170424
95-95-4	2,4,5-Trichlorophenol	51.3		1	0.62	5.00	ug/L	11/06/25 15:35	PB170424
92-52-4	1,1-Biphenyl	46.7		1	0.53	5.00	ug/L	11/06/25 15:35	PB170424
91-58-7	2-Chloronaphthalene	41.1		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
88-74-4	2-Nitroaniline	49.7		1	1.30	5.00	ug/L	11/06/25 15:35	PB170424
131-11-3	Dimethylphthalate	47.1		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
208-96-8	Acenaphthylene	48.6		1	0.75	5.00	ug/L	11/06/25 15:35	PB170424
606-20-2	2,6-Dinitrotoluene	53.9		1	0.92	5.00	ug/L	11/06/25 15:35	PB170424
99-09-2	3-Nitroaniline	38.7		1	1.10	5.00	ug/L	11/06/25 15:35	PB170424
83-32-9	Acenaphthene	40.9		1	0.55	5.00	ug/L	11/06/25 15:35	PB170424
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	11/06/25 15:35	PB170424
100-02-7	4-Nitrophenol	100	E	1	2.40	10.0	ug/L	11/06/25 15:35	PB170424
132-64-9	Dibenzofuran	43.6		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
121-14-2	2,4-Dinitrotoluene	52.4		1	1.20	5.00	ug/L	11/06/25 15:35	PB170424
84-66-2	Diethylphthalate	47.6		1	0.69	5.00	ug/L	11/06/25 15:35	PB170424
7005-72-3	4-Chlorophenyl-phenylether	43.7		1	0.68	5.00	ug/L	11/06/25 15:35	PB170424
86-73-7	Fluorene	44.1		1	0.63	5.00	ug/L	11/06/25 15:35	PB170424
100-01-6	4-Nitroaniline	51.9		1	1.50	5.00	ug/L	11/06/25 15:35	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	59.5		1	2.90	10.0	ug/L	11/06/25 15:35	PB170424



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170424BSD		SDG No.:	Q3552
Lab Sample ID:	PB170424BSD		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.9		1	0.58	5.00	ug/L	11/06/25 15:35	PB170424
101-55-3	4-Bromophenyl-phenylether	44.1		1	0.40	5.00	ug/L	11/06/25 15:35	PB170424
118-74-1	Hexachlorobenzene	44.4		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
1912-24-9	Atrazine	50.4		1	1.00	5.00	ug/L	11/06/25 15:35	PB170424
87-86-5	Pentachlorophenol	120	E	1	1.60	10.0	ug/L	11/06/25 15:35	PB170424
85-01-8	Phenanthrene	42.3		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
120-12-7	Anthracene	44.3		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
86-74-8	Carbazole	44.5		1	0.72	5.00	ug/L	11/06/25 15:35	PB170424
84-74-2	Di-n-butylphthalate	49.1		1	1.20	5.00	ug/L	11/06/25 15:35	PB170424
206-44-0	Fluoranthene	44.8		1	0.82	5.00	ug/L	11/06/25 15:35	PB170424
129-00-0	Pyrene	45.2		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
85-68-7	Butylbenzylphthalate	53.9		1	1.90	5.00	ug/L	11/06/25 15:35	PB170424
91-94-1	3,3-Dichlorobenzidine	39.9		1	0.93	10.0	ug/L	11/06/25 15:35	PB170424
56-55-3	Benzo(a)anthracene	43.5		1	0.45	5.00	ug/L	11/06/25 15:35	PB170424
218-01-9	Chrysene	43.8		1	0.44	5.00	ug/L	11/06/25 15:35	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	50.1		1	1.60	5.00	ug/L	11/06/25 15:35	PB170424
117-84-0	Di-n-octyl phthalate	59.3		1	2.30	10.0	ug/L	11/06/25 15:35	PB170424
205-99-2	Benzo(b)fluoranthene	47.1		1	0.49	5.00	ug/L	11/06/25 15:35	PB170424
207-08-9	Benzo(k)fluoranthene	45.2		1	0.48	5.00	ug/L	11/06/25 15:35	PB170424
50-32-8	Benzo(a)pyrene	48.2		1	0.55	5.00	ug/L	11/06/25 15:35	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		1	0.59	5.00	ug/L	11/06/25 15:35	PB170424
53-70-3	Dibenzo(a,h)anthracene	48.0		1	0.67	5.00	ug/L	11/06/25 15:35	PB170424
191-24-2	Benzo(g,h,i)perylene	49.0		1	0.69	5.00	ug/L	11/06/25 15:35	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	45.4		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
123-91-1	1,4-Dioxane	32.9		1	1.00	5.00	ug/L	11/06/25 15:35	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	57.8		1	0.72	5.00	ug/L	11/06/25 15:35	PB170424

SURROGATES

367-12-4	2-Fluorophenol	132		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	134		15 (10) - 110 (134)	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.1		30 (67) - 130 (132)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.6		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		15 (44) - 110 (137)	103%	SPK: 150
1718-51-0	Terphenyl-d14	85.0		30 (42) - 130 (152)	85%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	300000
1146-65-2	Naphthalene-d8	1260000
15067-26-2	Acenaphthene-d10	854000
1517-22-2	Phenanthrene-d10	1820000
1719-03-5	Chrysene-d12	1870000
1520-96-3	Perylene-d12	2000000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170424BSD		SDG No.:	Q3552
Lab Sample ID:	PB170424BSD		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026079.D
 Acq On : 06 Nov 2025 15:35
 Operator : RC/JU
 Sample : PB170424BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170424BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 16:12:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	300293	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1260021	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	853804	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1821988	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1872003	20.000	ng	0.00
86) Perylene-d12	24.895	264	1998604	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2407721	132.303	ng	0.00
7) Phenol-d6	6.860	99	3111525	134.331	ng	0.00
23) Nitrobenzene-d5	8.819	82	1740695	86.121	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1432494	155.192	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4550227	76.579	ng	0.00
79) Terphenyl-d14	19.872	244	7828262	84.960	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	252458	32.907	ng	98
3) Pyridine	3.614	79	695094	31.871	ng	97
4) n-Nitrosodimethylamine	3.525	42	354902	40.602	ng	91
6) Aniline	7.013	93	1091236	35.299	ng	99
8) 2-Chlorophenol	7.249	128	980493	48.655	ng	97
9) Benzaldehyde	6.825	77	396545	32.933	ng	99
10) Phenol	6.884	94	1207329	46.950	ng	99
11) bis(2-Chloroethyl)ether	7.107	93	846976	41.735	ng	100
12) 1,3-Dichlorobenzene	7.572	146	979064	42.305	ng	99
13) 1,4-Dichlorobenzene	7.719	146	1005636	42.977	ng	99
14) 1,2-Dichlorobenzene	8.031	146	973373	43.594	ng	99
15) Benzyl Alcohol	7.913	79	815169	48.817	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1205373	39.300	ng	97
17) 2-Methylphenol	8.119	107	828132	49.180	ng	99
18) Hexachloroethane	8.749	117	350060	43.719	ng	98
19) n-Nitroso-di-n-propyla...	8.478	70	652661	45.391	ng	98
20) 3+4-Methylphenols	8.437	107	1147915	49.003	ng	99
22) Acetophenone	8.490	105	1508040	47.323	ng	# 97
24) Nitrobenzene	8.860	77	949232	44.480	ng	98
25) Isophorone	9.390	82	1899192	43.899	ng	100
26) 2-Nitrophenol	9.566	139	483675	60.817	ng	97
27) 2,4-Dimethylphenol	9.631	122	942767	51.821	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	1186049	43.501	ng	100
29) 2,4-Dichlorophenol	10.101	162	971363	50.568	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	942195	45.127	ng	97
31) Naphthalene	10.501	128	2877193	41.874	ng	100
32) Benzoic acid	9.772	122	845596	67.173	ng	95
33) 4-Chloroaniline	10.601	127	779125	29.508	ng	100
34) Hexachlorobutadiene	10.796	225	556926	41.975	ng	98
35) Caprolactam	11.372	113	360818m	53.490	ng	
36) 4-Chloro-3-methylphenol	11.731	107	1061481	52.714	ng	99
37) 2-Methylnaphthalene	12.119	142	1919899	39.922	ng	99
38) 1-Methylnaphthalene	12.337	142	1982527	42.433	ng	98
40) 1,2,4,5-Tetrachloroben...	12.495	216	1205103	45.426	ng	99
41) Hexachlorocyclopentadiene	12.484	237	1209033	124.561	ng	97
43) 2,4,6-Trichlorophenol	12.731	196	815265	51.992	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026079.D
 Acq On : 06 Nov 2025 15:35
 Operator : RC/JU
 Sample : PB170424BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170424BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 16:12:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	917274	51.266	ng	98
46) 1,1'-Biphenyl	13.142	154	3049794	46.650	ng	99
47) 2-Chloronaphthalene	13.184	162	2112935	41.078	ng	99
48) 2-Nitroaniline	13.378	65	658887	49.667	ng	94
49) Acenaphthylene	14.037	152	3645640	48.628	ng	100
50) Dimethylphthalate	13.778	163	2927654	47.141	ng	100
51) 2,6-Dinitrotoluene	13.889	165	629781	53.919	ng	93
52) Acenaphthene	14.389	154	2107035	40.939	ng	99
53) 3-Nitroaniline	14.219	138	533574	38.678	ng	# 97
54) 2,4-Dinitrophenol	14.425	184	696443	109.641	ng	97
55) Dibenzofuran	14.731	168	3388704	43.579	ng	99
56) 4-Nitrophenol	14.542	139	1292340	104.356	ng	97
57) 2,4-Dinitrotoluene	14.689	165	898072	52.416	ng	91
58) Fluorene	15.389	166	2689532	44.148	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	813480	57.824	ng	99
60) Diethylphthalate	15.172	149	2969874	47.567	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1330487	43.733	ng	98
62) 4-Nitroaniline	15.401	138	688459	51.877	ng	96
63) Azobenzene	15.695	77	2508347	44.329	ng	96
65) 4,6-Dinitro-2-methylph...	15.466	198	471257	59.474	ng	92
66) n-Nitrosodiphenylamine	15.607	169	2503020	43.938	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	892025	44.137	ng	98
68) Hexachlorobenzene	16.425	284	1021133	44.383	ng	97
69) Atrazine	16.589	200	967981	50.370	ng	99
70) Pentachlorophenol	16.772	266	1628665	115.892	ng	100
71) Phenanthrene	17.172	178	4480675	42.251	ng	99
72) Anthracene	17.272	178	4659290	44.323	ng	99
73) Carbazole	17.548	167	4429412	44.513	ng	99
74) Di-n-butylphthalate	18.166	149	5463574	49.068	ng	99
75) Fluoranthene	19.272	202	5547129	44.841	ng	98
77) Benzidine	19.466	184	1936772	40.760	ng	99
78) Pyrene	19.648	202	5719749	45.175	ng	99
80) Butylbenzylphthalate	20.613	149	2570878	53.934	ng	96
81) Benzo(a)anthracene	21.554	228	5596910	43.509	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	1654362	39.915	ng	100
83) Chrysene	21.624	228	5341240	43.832	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3787769	50.086	ng	# 98
85) Di-n-octyl phthalate	22.801	149	6607119	59.290	ng	98
87) Indeno(1,2,3-cd)pyrene	28.689	276	6952210	47.117	ng	99
88) Benzo(b)fluoranthene	23.860	252	5846575	47.122	ng	99
89) Benzo(k)fluoranthene	23.930	252	5721823	45.161	ng	99
90) Benzo(a)pyrene	24.759	252	5490590	48.170	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	5761092	47.979	ng	99
92) Benzo(g,h,i)perylene	29.865	276	5657726	48.965	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

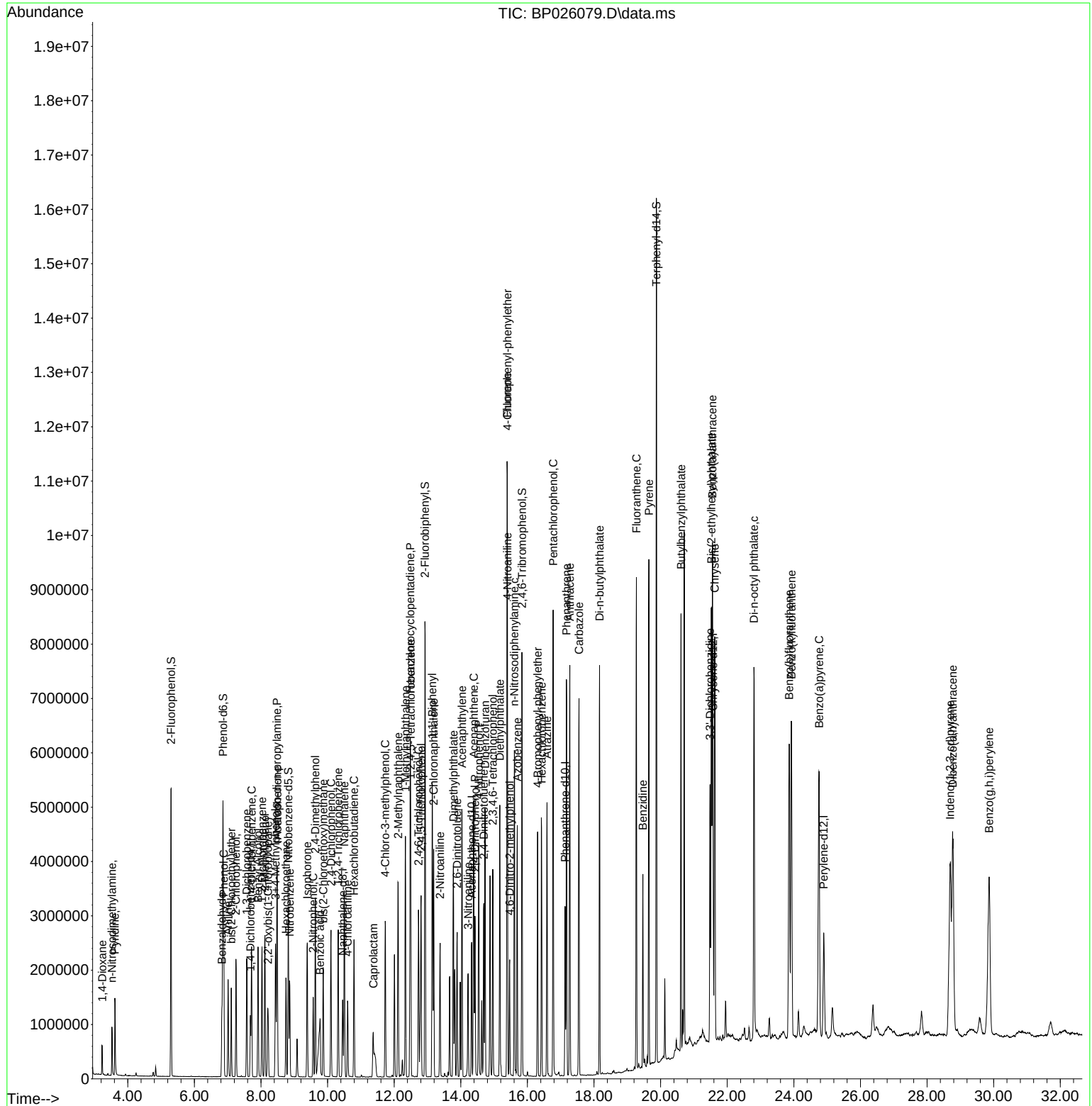
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Data File : BP026079.D  
Acq On    : 06 Nov 2025  15:35  
Operator  : RC/JU  
Sample    : PB170424BSD  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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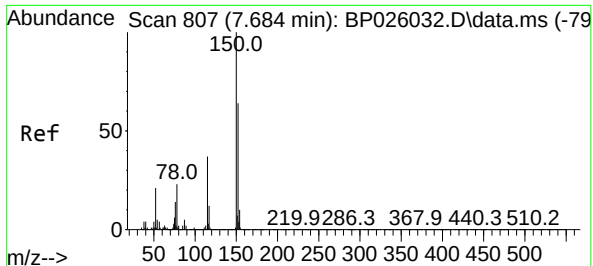
Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Manual Integrations

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 16:12:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





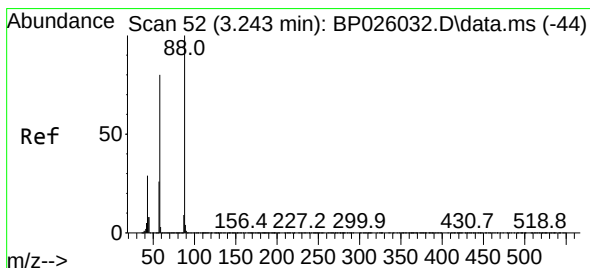
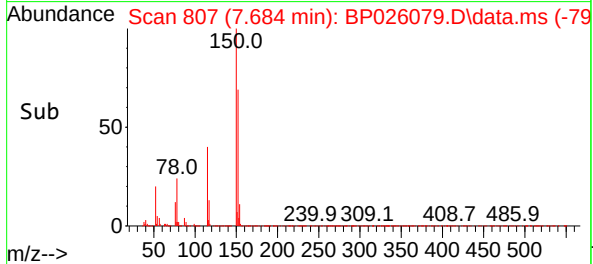
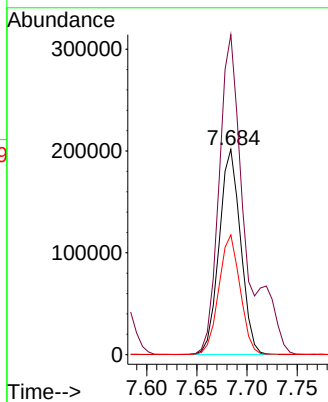
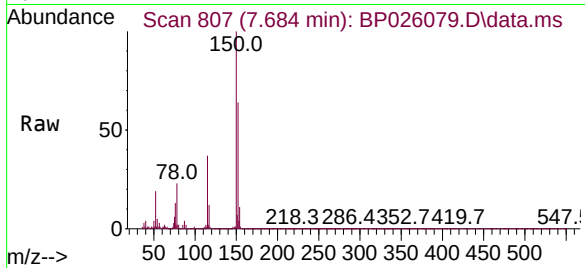
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Tgt Ion:152 Resp: 300293
Ion Ratio Lower Upper
152 100
150 155.9 125.7 188.5
115 58.3 46.4 69.6

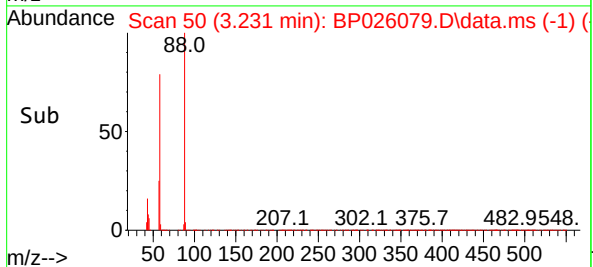
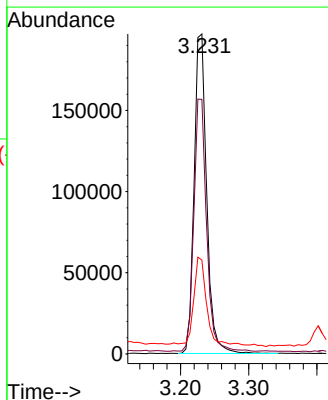
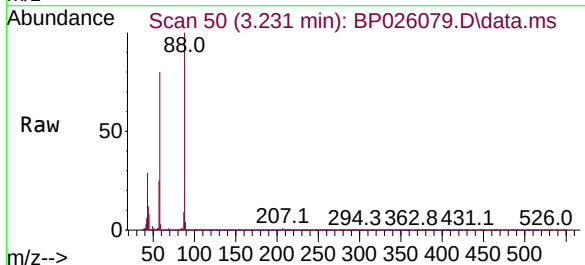
Manual Integrations
APPROVED

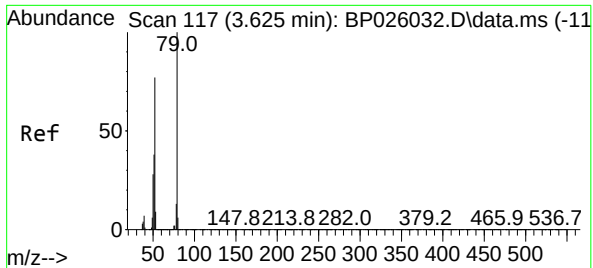
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 32.907 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion: 88 Resp: 252458
Ion Ratio Lower Upper
88 100
58 79.9 65.4 98.0
43 27.6 23.1 34.7





#3

Pyridine

Concen: 31.871 ng

RT: 3.614 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

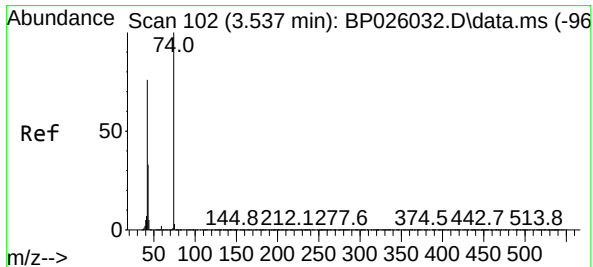
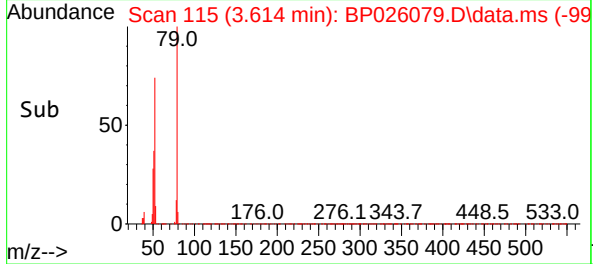
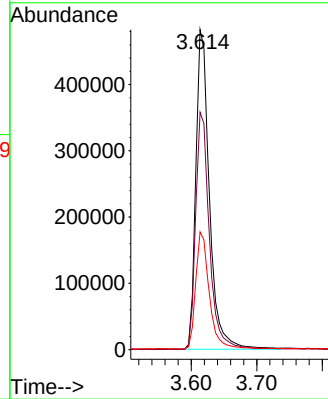
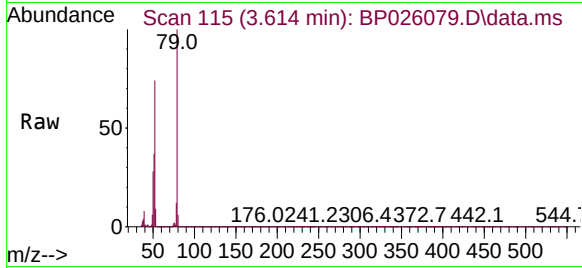
Tgt Ion: 79	Resp: 695094
Ion Ratio	Lower Upper
79 100	
52 74.2	62.0 93.0
51 36.8	30.6 46.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#4

n-Nitrosodimethylamine

Concen: 40.602 ng

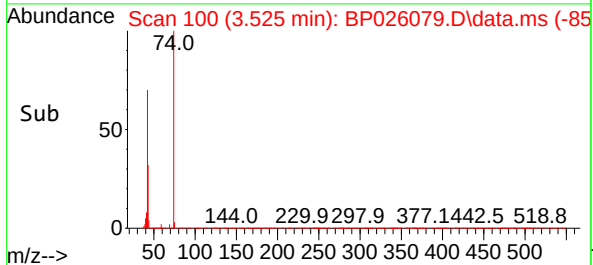
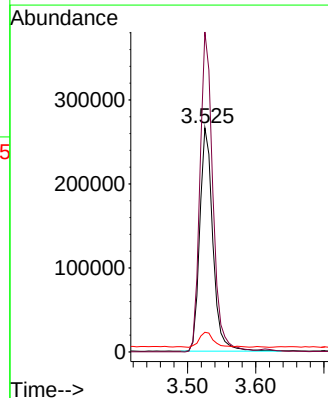
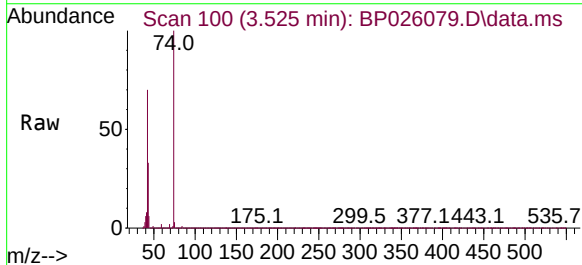
RT: 3.525 min Scan# 100

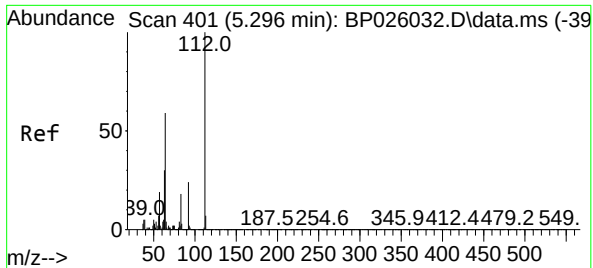
Delta R.T. -0.012 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

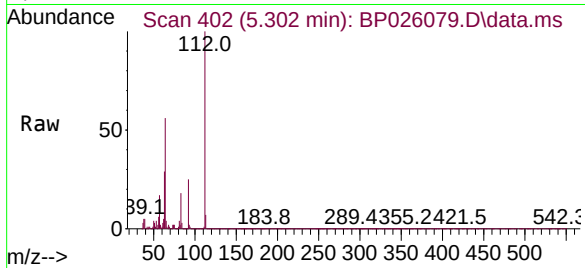
Tgt Ion: 42	Resp: 354902
Ion Ratio	Lower Upper
42 100	
74 142.8	105.7 158.5
44 8.8	6.6 9.8





#5
2-Fluorophenol
Concen: 132.303 ng
RT: 5.302 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

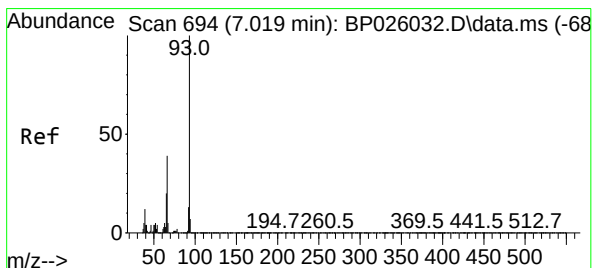
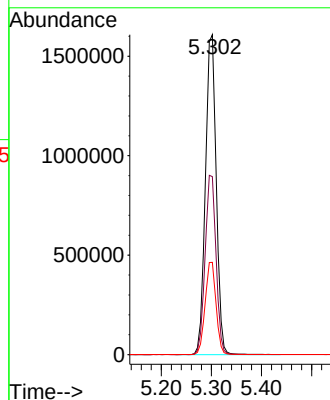
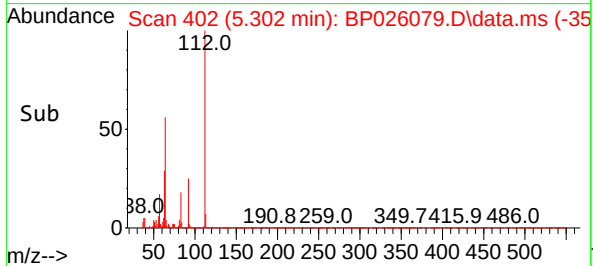
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion: 112 Resp: 2407721
Ion Ratio Lower Upper
112 100
64 55.6 47.4 71.2
63 28.8 24.2 36.4

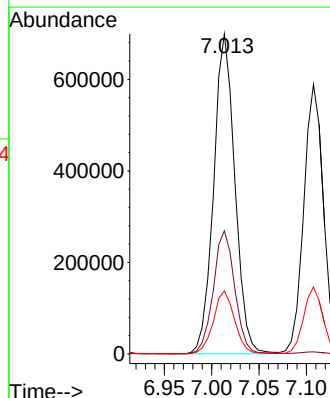
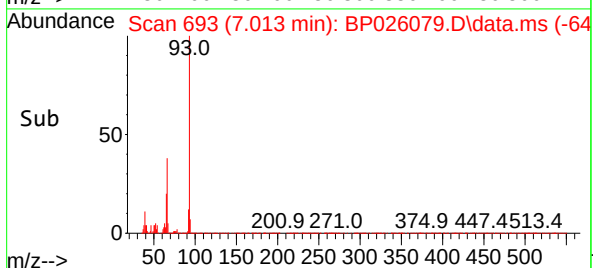
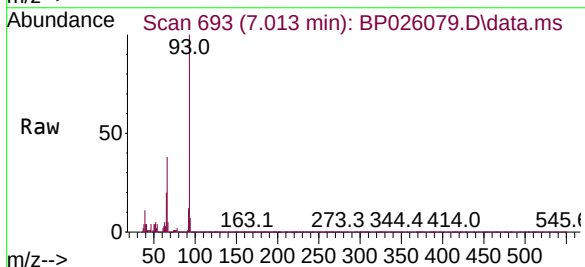
Manual Integrations
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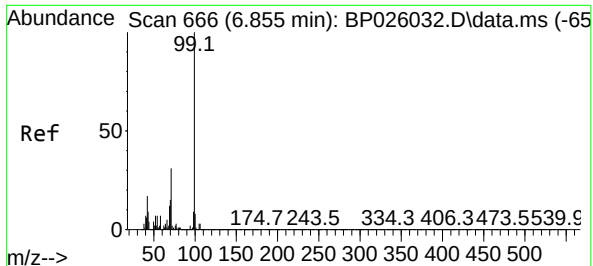
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#6
Aniline
Concen: 35.299 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion: 93 Resp: 1091236
Ion Ratio Lower Upper
93 100
66 38.5 31.2 46.8
65 19.7 16.1 24.1





#7

Phenol-d6

Concen: 134.331 ng

RT: 6.860 min Scan# 60

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion: 99 Resp: 311152

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

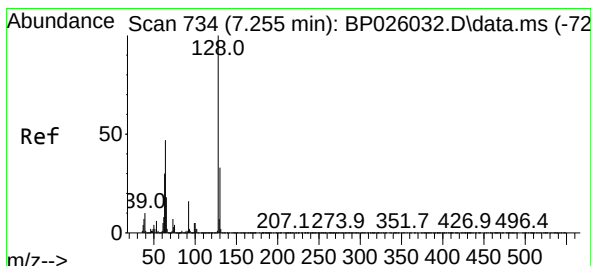
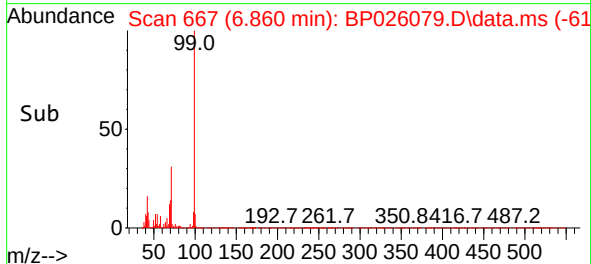
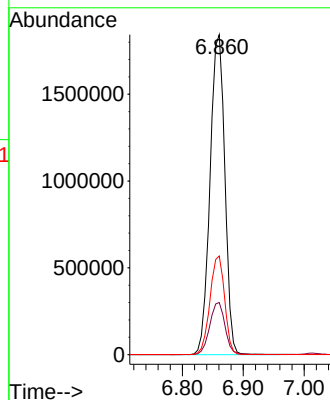
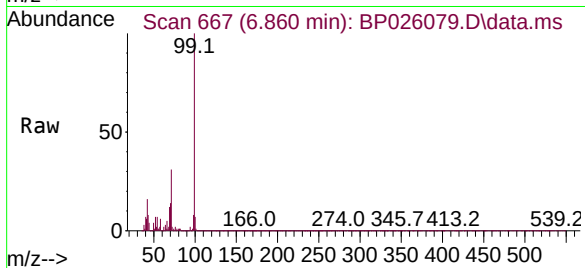
71 30.8 24.4 36.6

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#8

2-Chlorophenol

Concen: 48.655 ng

RT: 7.249 min Scan# 733

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

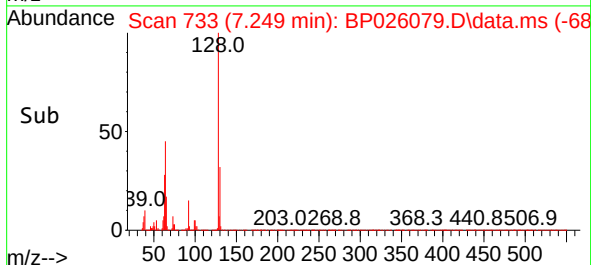
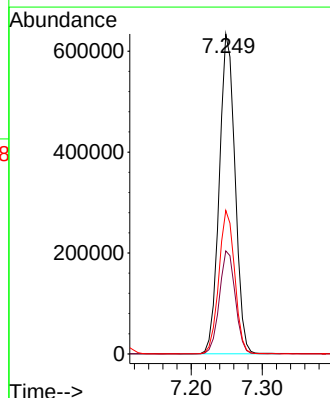
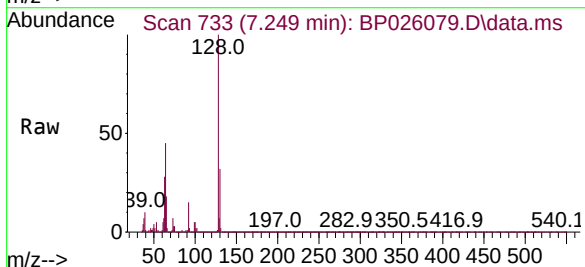
Tgt Ion:128 Resp: 980493

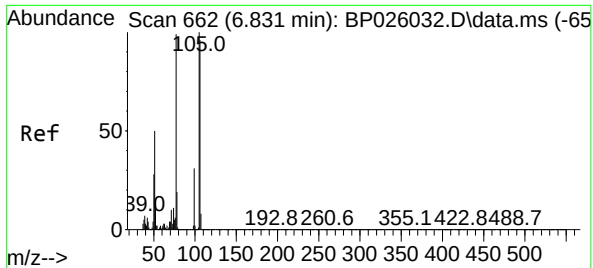
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 44.8 27.4 67.4





#9

Benzaldehyde

Concen: 32.933 ng

RT: 6.825 min Scan# 661

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

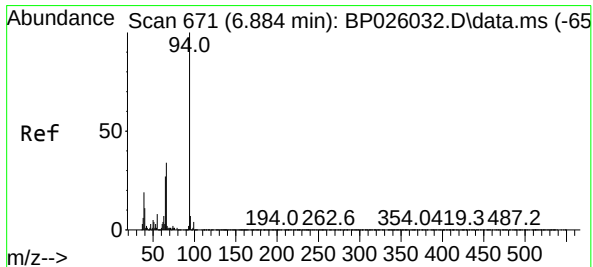
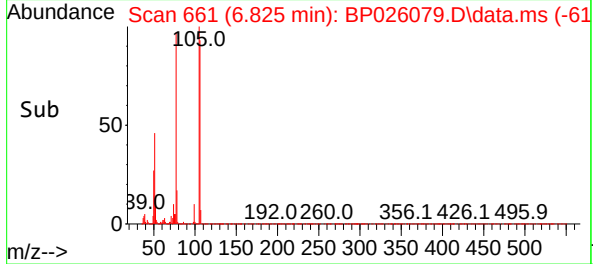
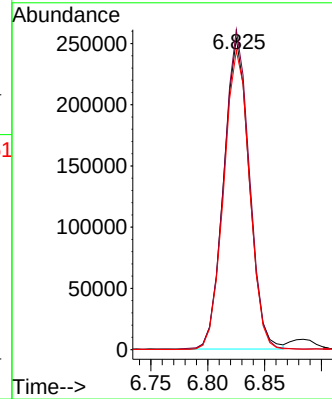
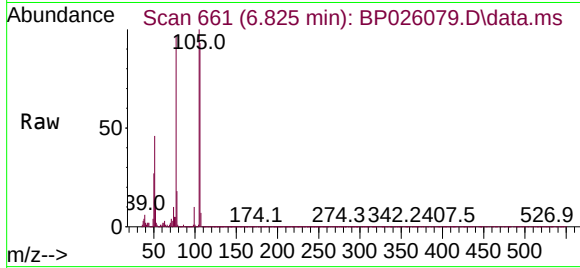
Tgt Ion: 77	Resp: 396545
Ion Ratio	Lower Upper
77 100	
105 102.9	80.7 120.7
106 96.1	76.5 116.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#10

Phenol

Concen: 46.950 ng

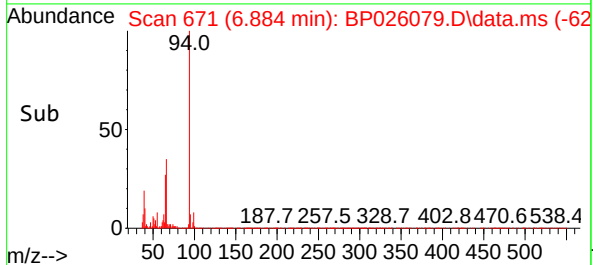
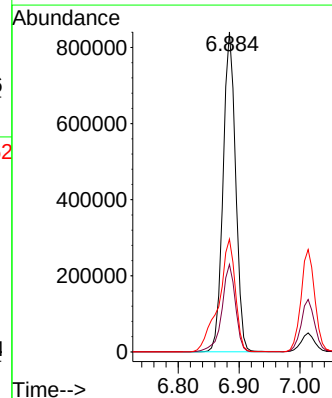
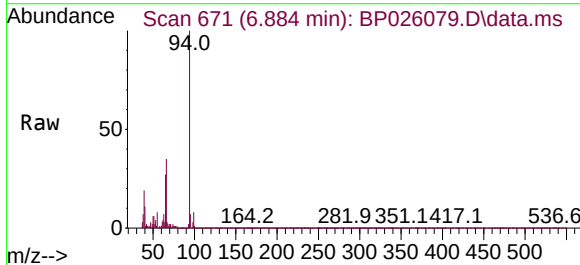
RT: 6.884 min Scan# 671

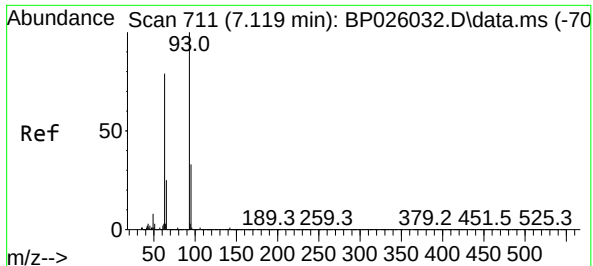
Delta R.T. 0.000 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Tgt Ion: 94	Resp: 1207329
Ion Ratio	Lower Upper
94 100	
65 27.3	7.1 47.1
66 35.2	14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 41.735 ng

RT: 7.107 min Scan# 709

Delta R.T. -0.012 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion: 93 Resp: 846976

Ion Ratio Lower Upper

93 100

63 78.8 59.1 99.1

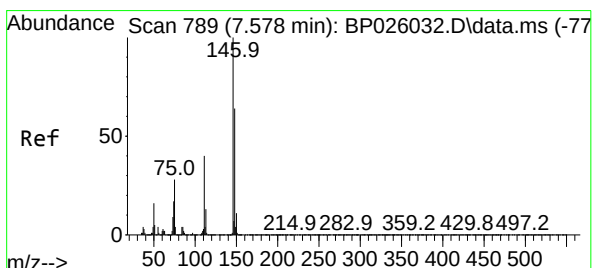
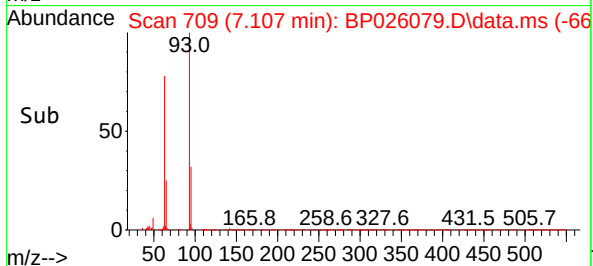
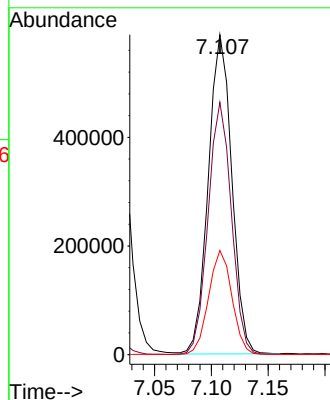
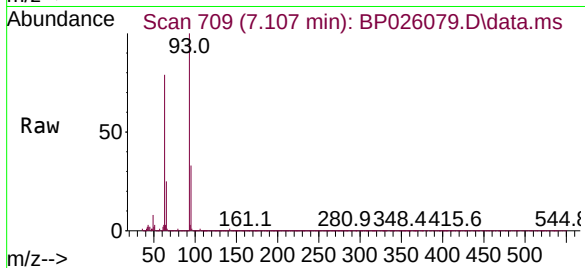
95 32.5 12.6 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#12

1,3-Dichlorobenzene

Concen: 42.305 ng

RT: 7.572 min Scan# 788

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

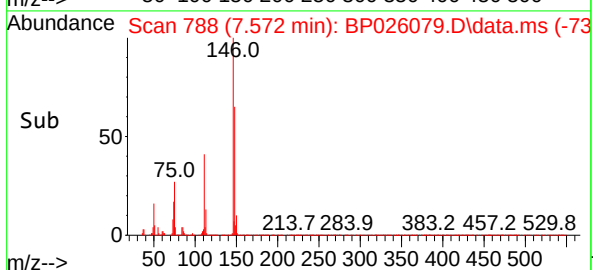
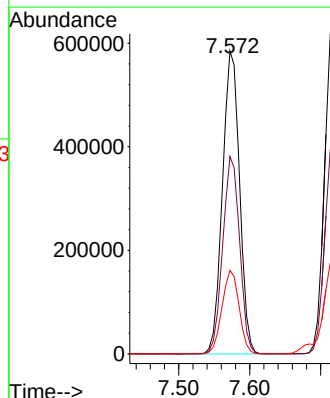
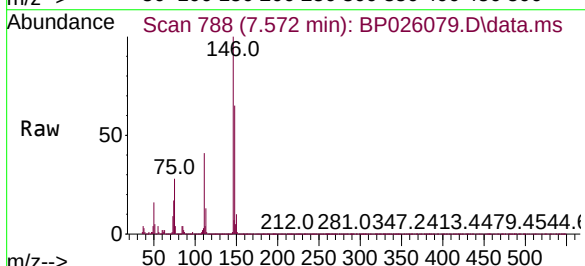
Tgt Ion:146 Resp: 979064

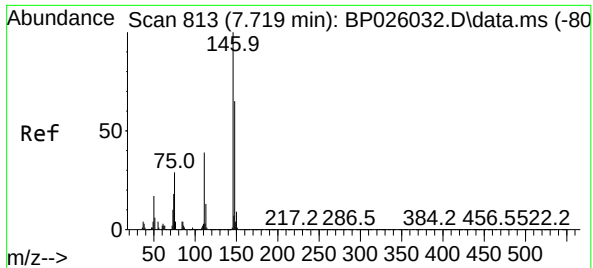
Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

75 27.5 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 42.977 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion:146 Resp: 1005636

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

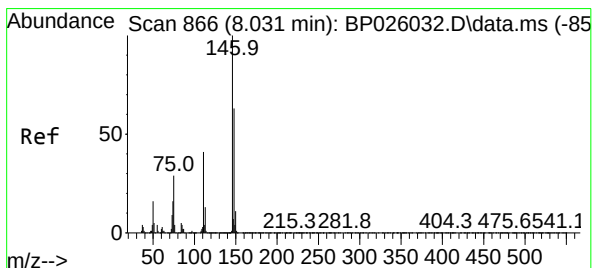
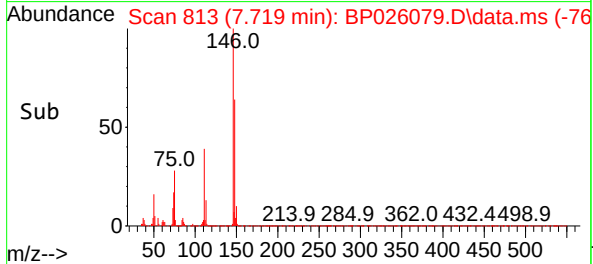
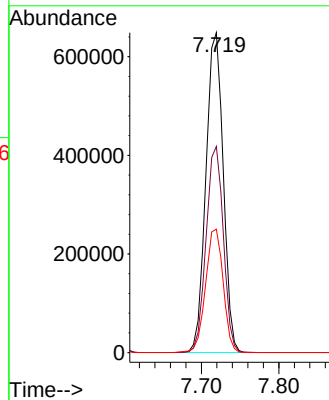
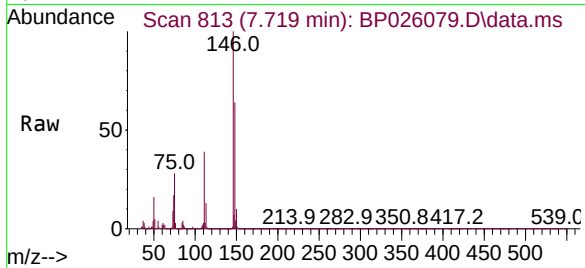
111 38.6 31.3 46.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 43.594 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

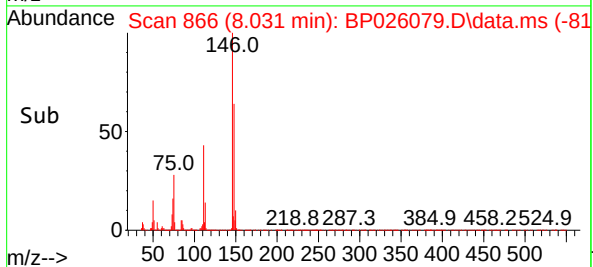
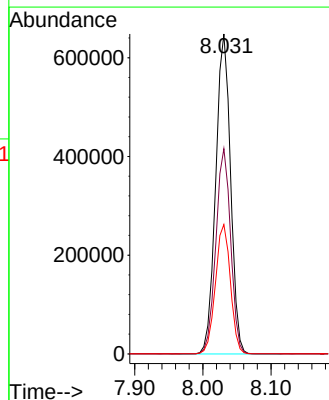
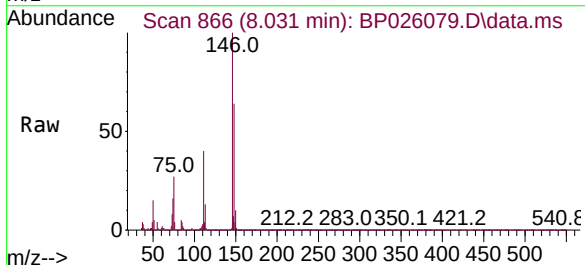
Tgt Ion:146 Resp: 973373

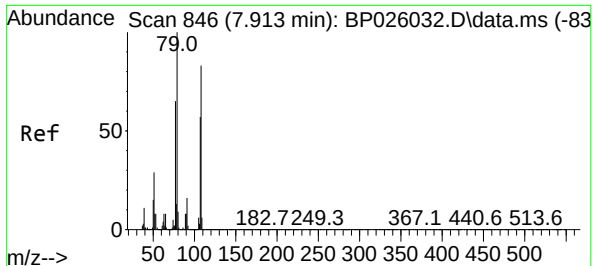
Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

111 40.4 33.0 49.4





#15

Benzyl Alcohol

Concen: 48.817 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion: 79 Resp: 815169

Ion Ratio Lower Upper

79 100

108 83.9 66.0 99.0

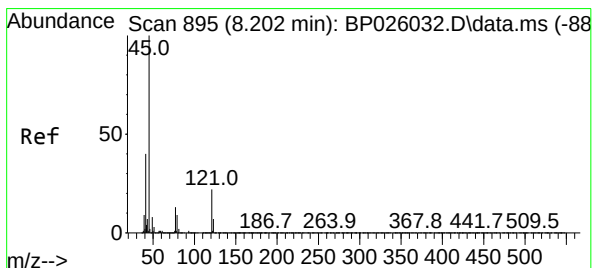
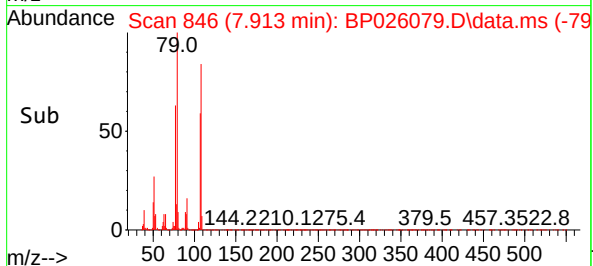
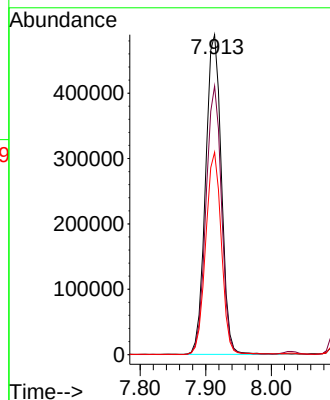
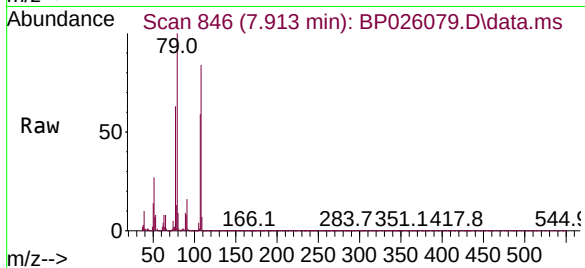
77 63.2 52.3 78.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.300 ng

RT: 8.207 min Scan# 896

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

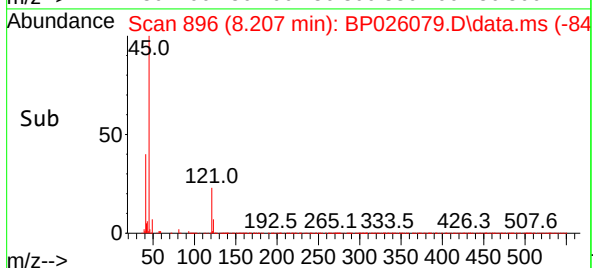
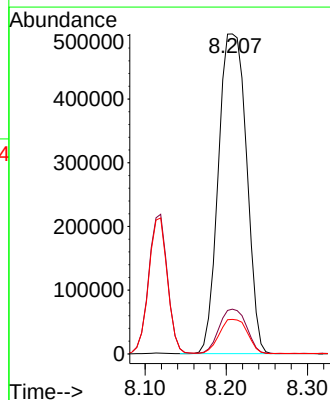
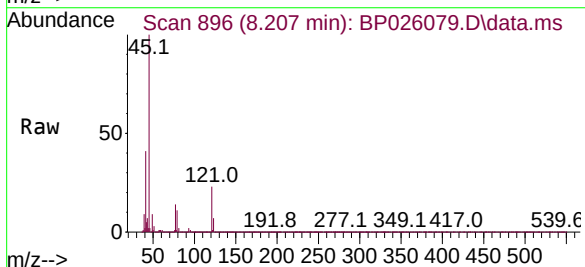
Tgt Ion: 45 Resp: 1205373

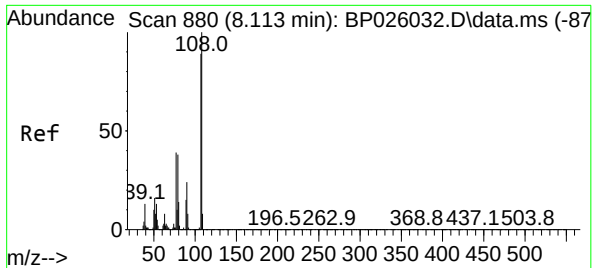
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

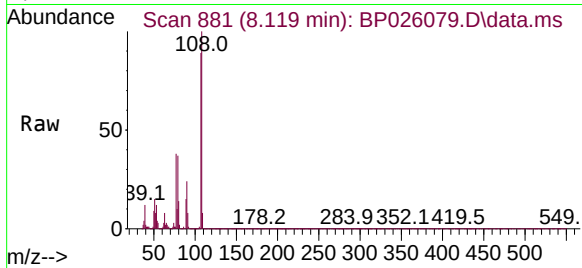
79 10.8 0.0 29.5





#17
2-Methylphenol
Concen: 49.180 ng
RT: 8.119 min Scan# 881
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

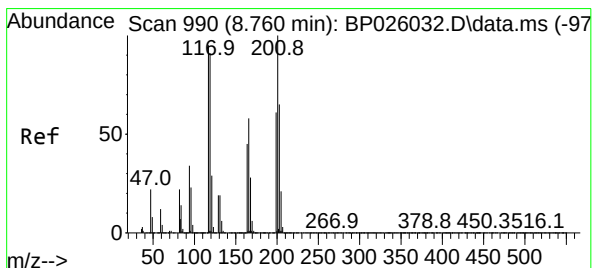
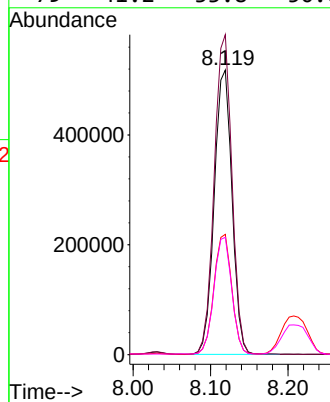
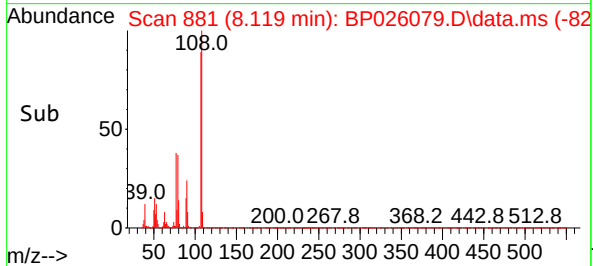
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:107 Resp: 828132
Ion Ratio Lower Upper
107 100
108 112.5 89.8 134.8
77 42.3 34.8 52.2
79 41.2 33.8 50.6

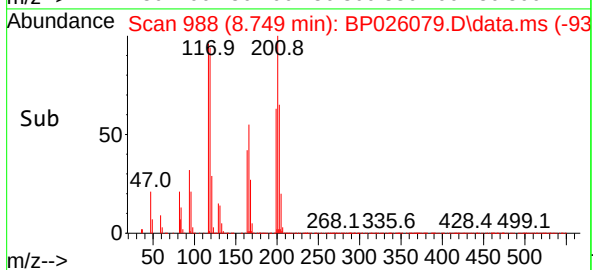
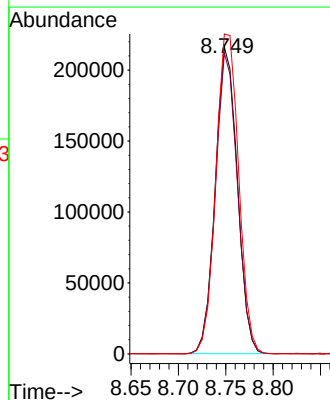
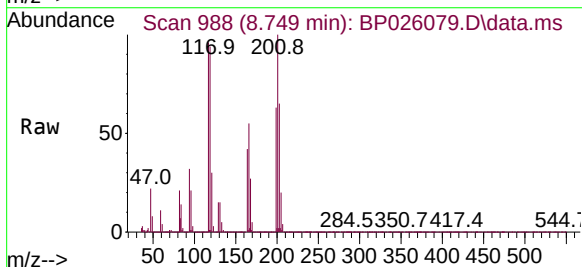
Manual Integrations
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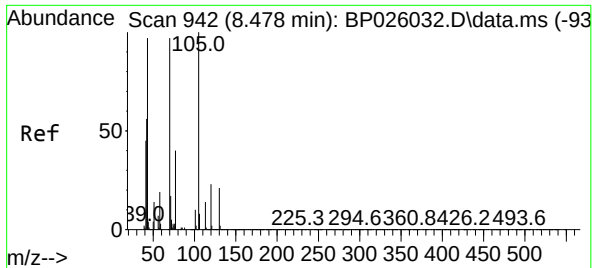
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Hexachloroethane
Concen: 43.719 ng
RT: 8.749 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion:117 Resp: 350060
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
201 104.3 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 45.391 ng

RT: 8.478 min Scan# 94

Delta R.T. -0.012 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion: 70 Resp: 65266

Ion Ratio Lower Upper

70 100

42 57.8 47.2 70.8

101 10.7 8.2 12.2

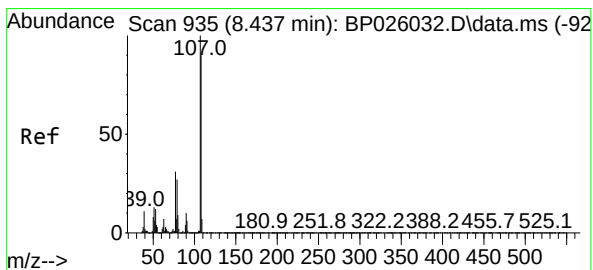
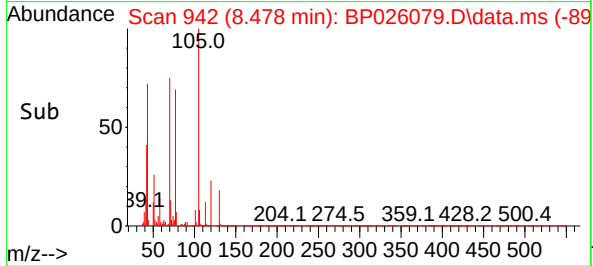
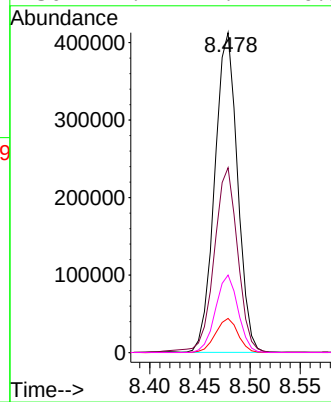
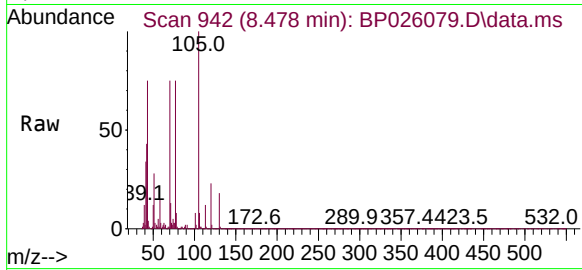
130 24.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#20

3+4-Methylphenols

Concen: 49.003 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Tgt Ion:107 Resp: 1147915

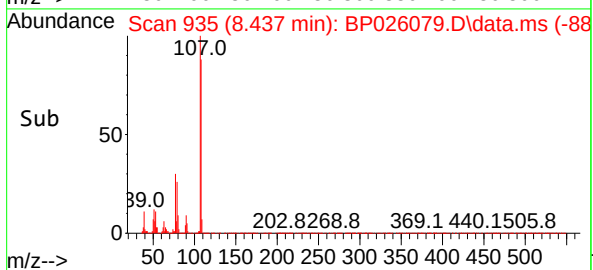
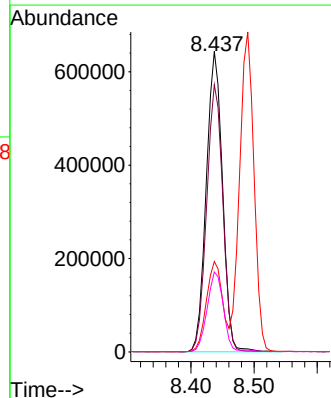
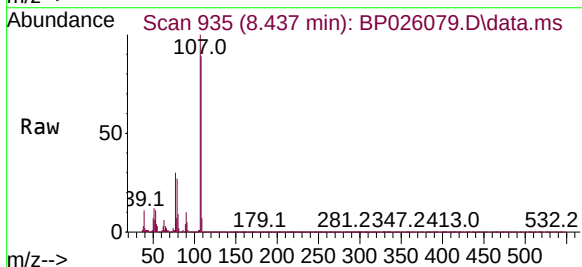
Ion Ratio Lower Upper

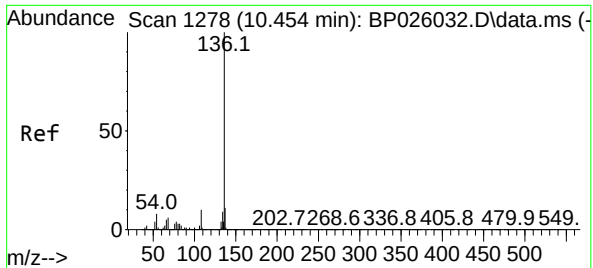
107 100

108 88.9 70.1 110.1

77 30.1 10.7 50.7

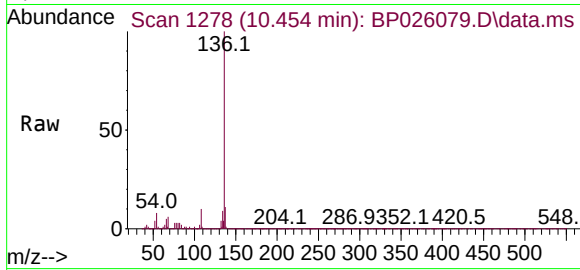
79 26.6 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

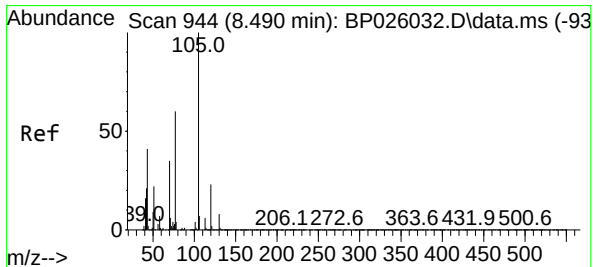
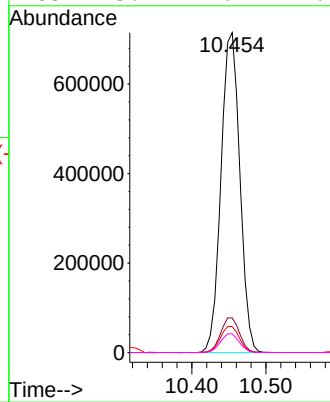
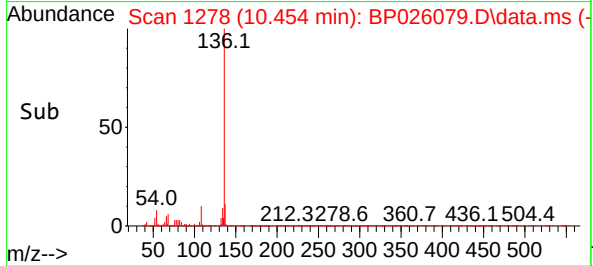
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:136 Resp: 1260021
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 6.6 10.0
68 5.9 4.7 7.1

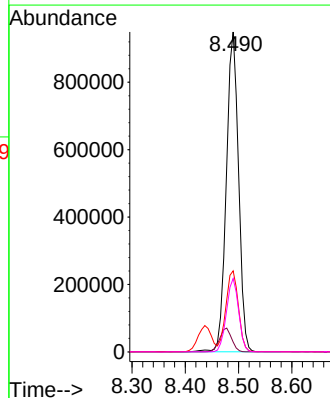
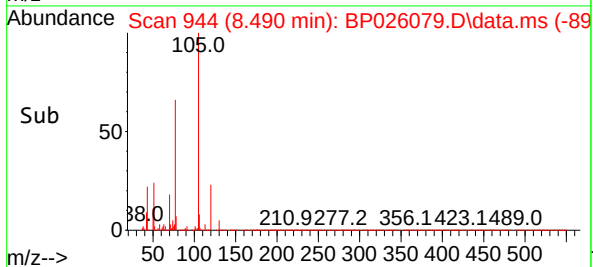
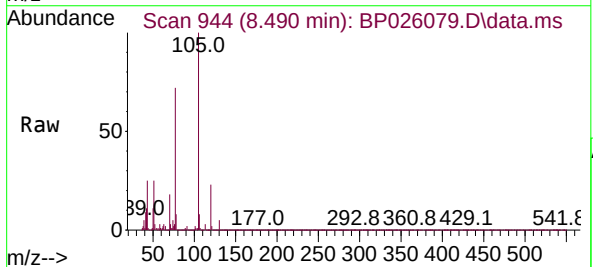
Manual Integrations
APPROVED

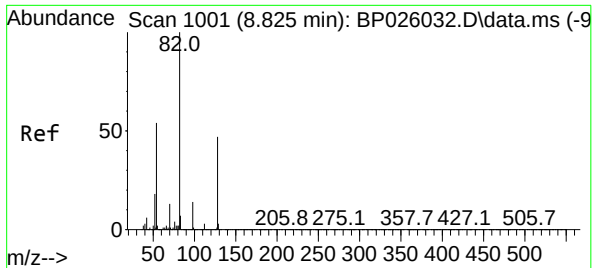
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 47.323 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion:105 Resp: 1508040
Ion Ratio Lower Upper
105 100
71 3.1 4.7 7.1#
51 25.3 21.8 32.8
120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 86.121 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion: 82 Resp: 1740695

Ion Ratio Lower Upper

82 100

128 47.8 37.4 56.0

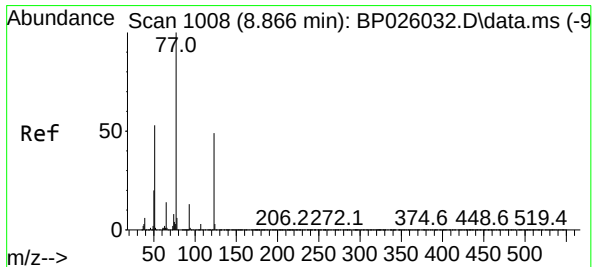
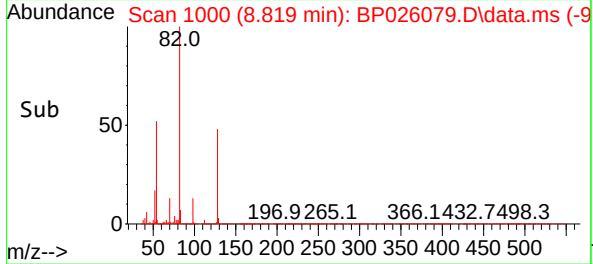
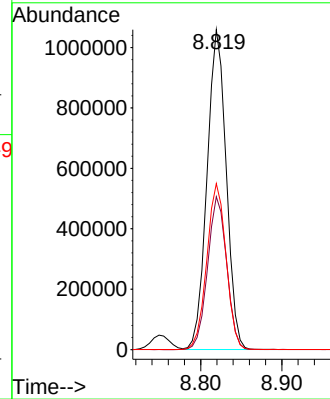
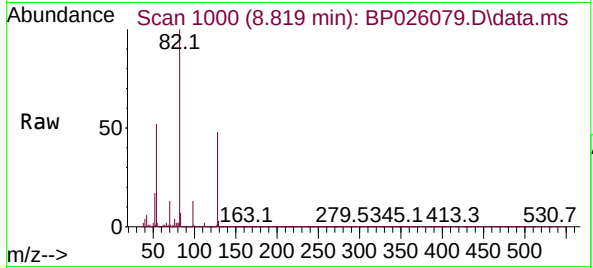
54 51.9 42.7 64.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 44.480 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

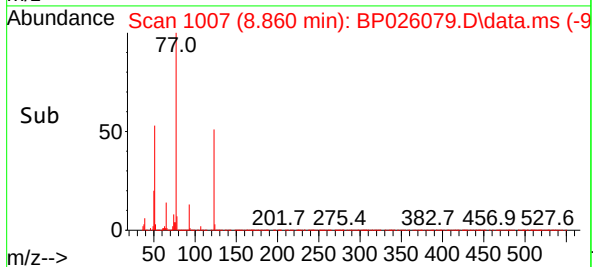
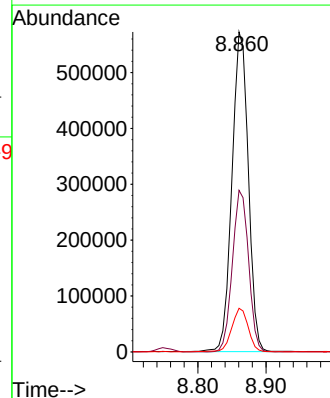
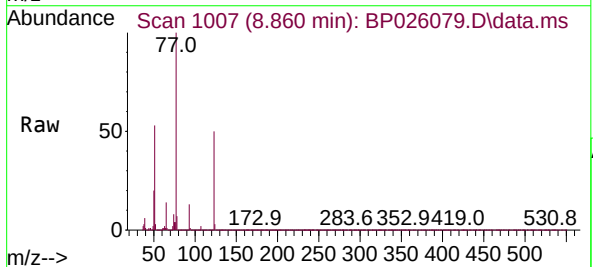
Tgt Ion: 77 Resp: 949232

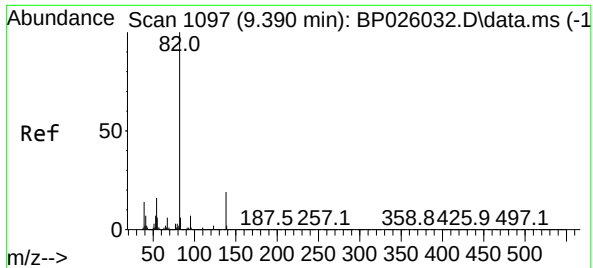
Ion Ratio Lower Upper

77 100

123 50.5 39.0 58.4

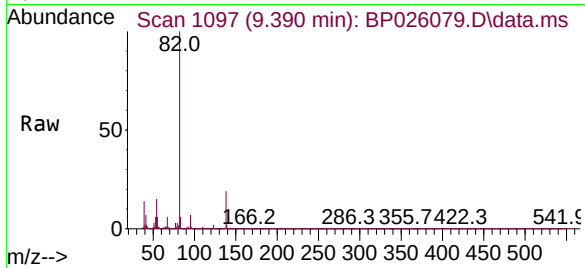
65 13.6 10.9 16.3





#25
Isophorone
Concen: 43.899 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

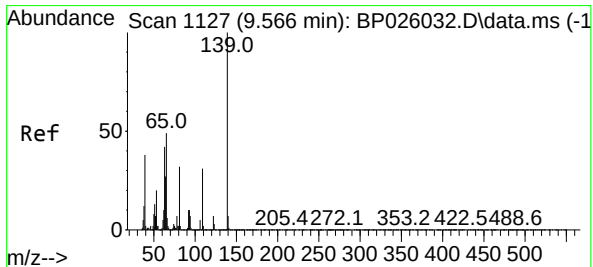
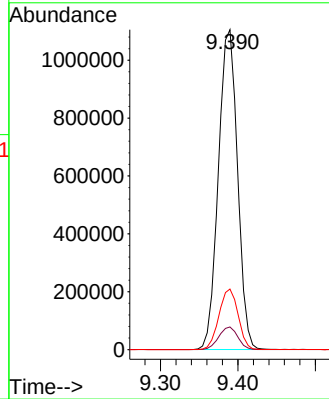
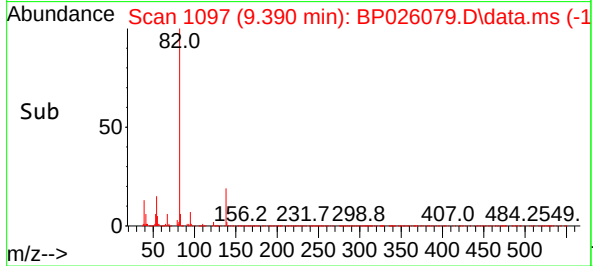
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion: 82 Resp: 1899192
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.9 15.0 22.6

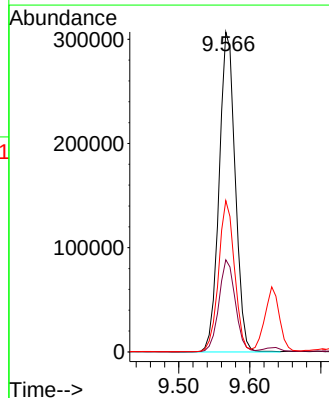
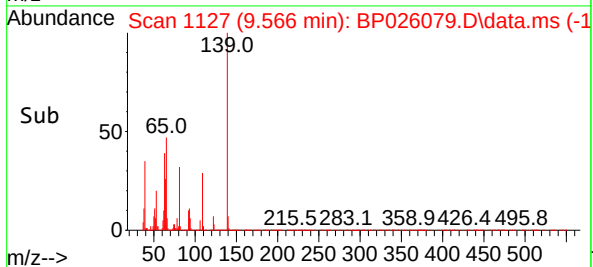
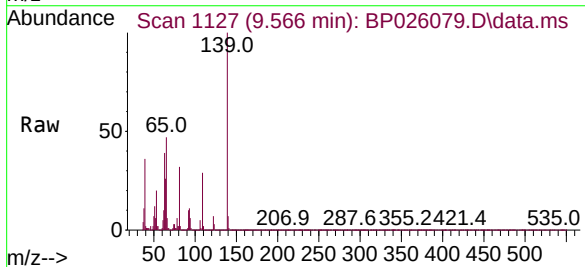
Manual Integrations
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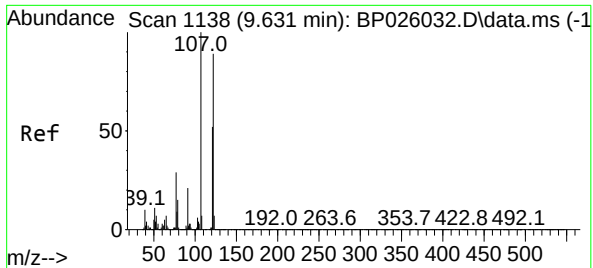
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 60.817 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

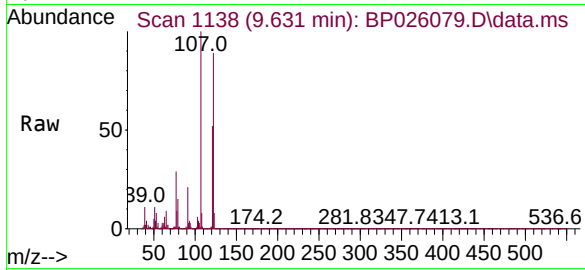
Tgt Ion:139 Resp: 483675
Ion Ratio Lower Upper
139 100
109 28.8 24.8 37.2
65 47.3 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 51.821 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

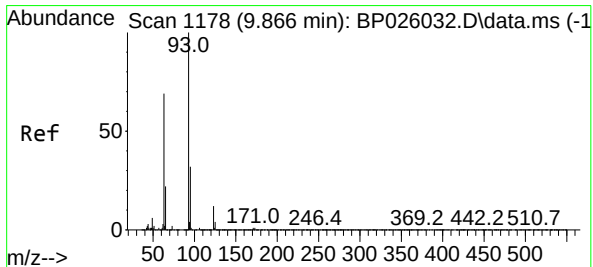
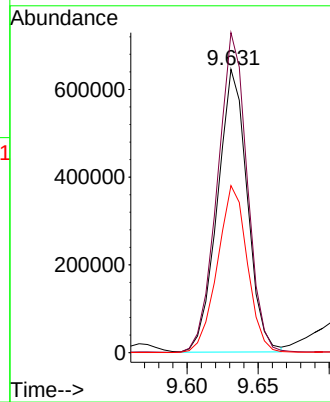
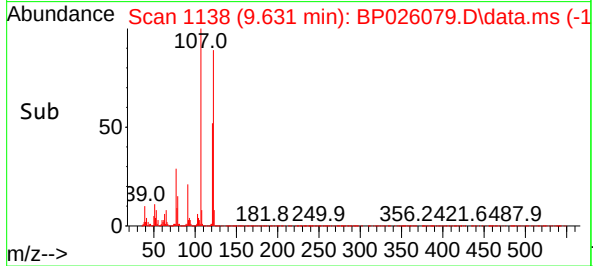
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion: 122 Resp: 942762
Ion Ratio Lower Upper
122 100
107 113.0 89.2 133.8
121 58.9 46.3 69.5

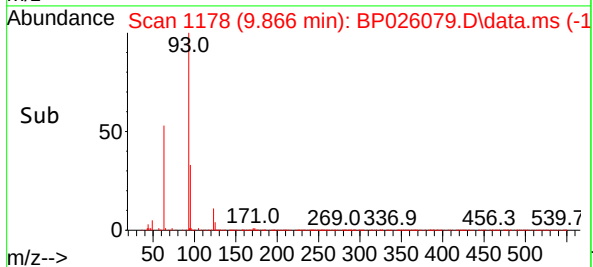
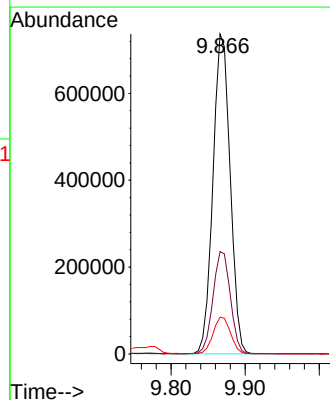
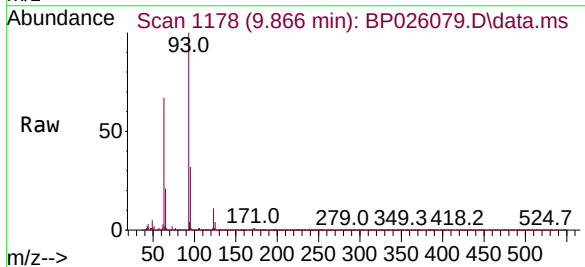
Manual Integrations
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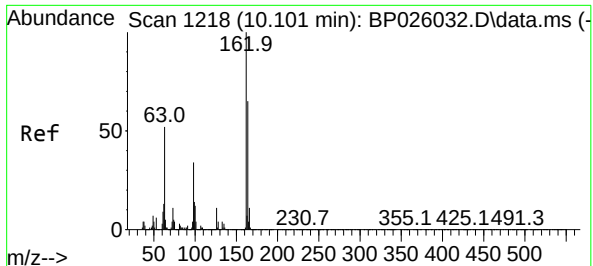
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.501 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion: 93 Resp: 1186049
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 11.5 9.3 13.9





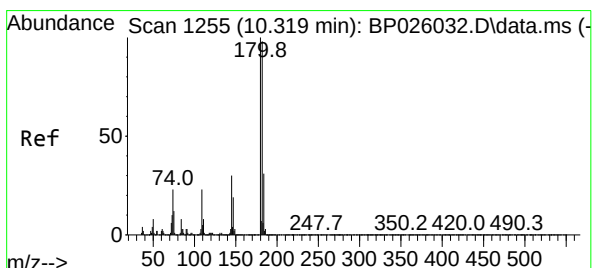
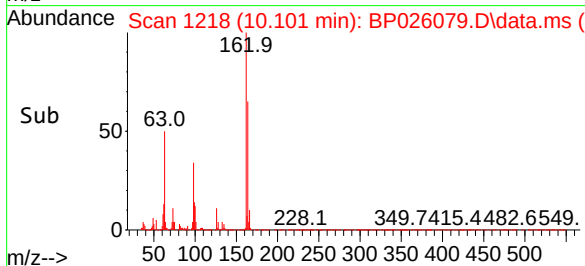
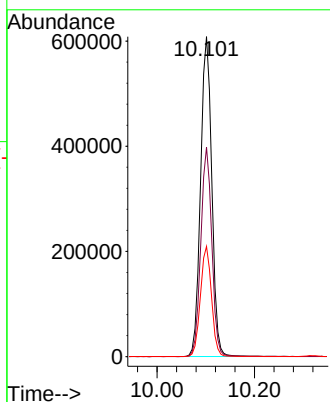
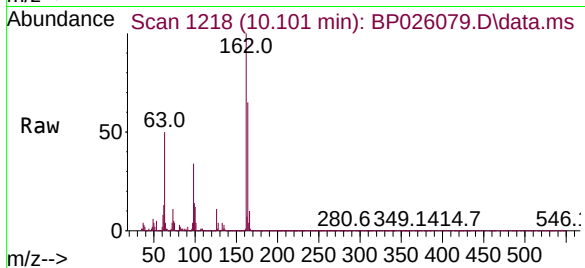
#29
2,4-Dichlorophenol
Concen: 50.568 ng
RT: 10.101 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Tgt Ion:162 Resp: 971363
Ion Ratio Lower Upper
162 100
164 65.5 44.6 84.6
98 34.4 14.0 54.0

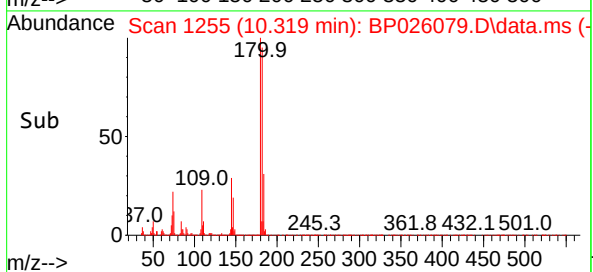
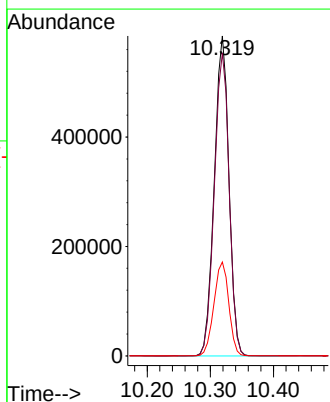
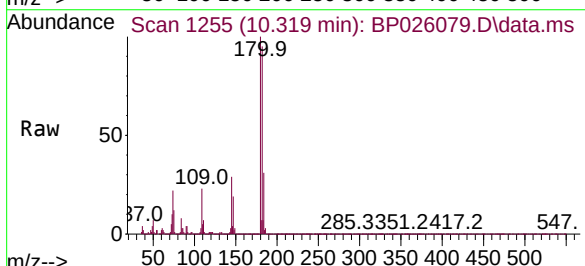
Manual Integrations
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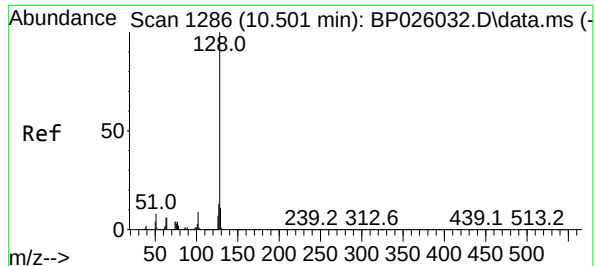
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.127 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

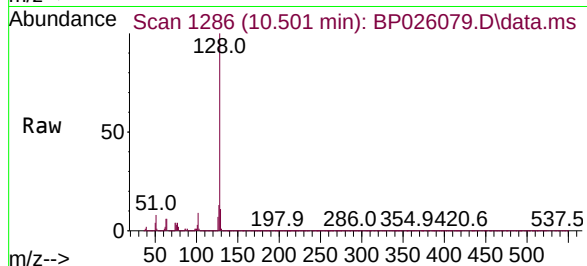
Tgt Ion:180 Resp: 942195
Ion Ratio Lower Upper
180 100
182 94.7 78.6 117.8
145 29.3 24.2 36.4





#31
Naphthalene
Concen: 41.874 ng
RT: 10.501 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

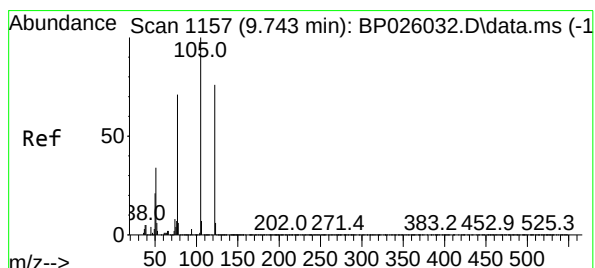
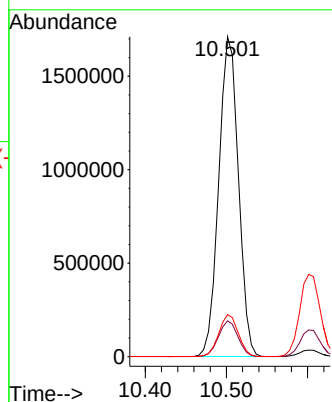
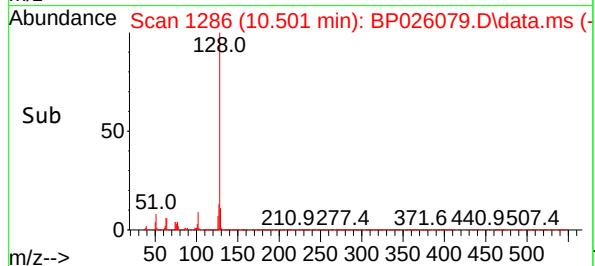
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:128 Resp: 2877193
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.5 15.7

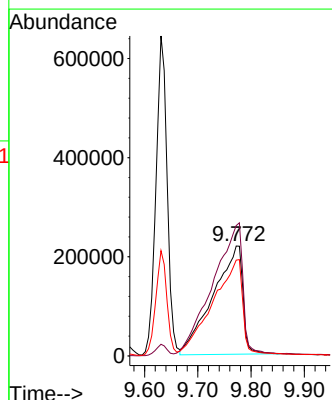
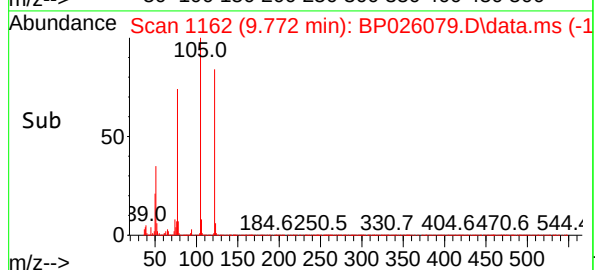
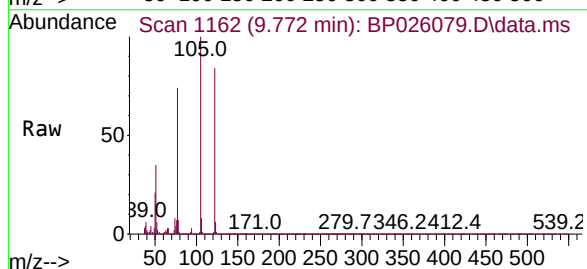
Manual Integrations
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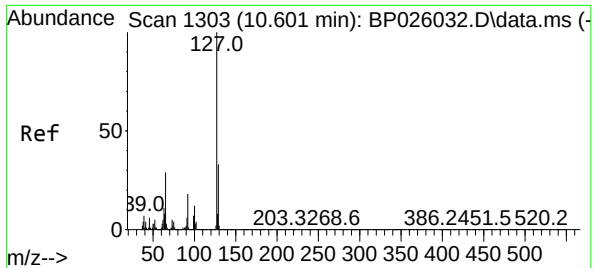
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 67.173 ng
RT: 9.772 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

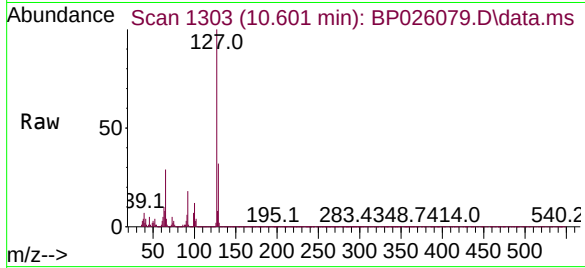
Tgt Ion:122 Resp: 845596
Ion Ratio Lower Upper
122 100
105 118.6 104.8 144.8
77 87.3 70.9 110.9





#33
4-Chloroaniline
Concen: 29.508 ng
RT: 10.601 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

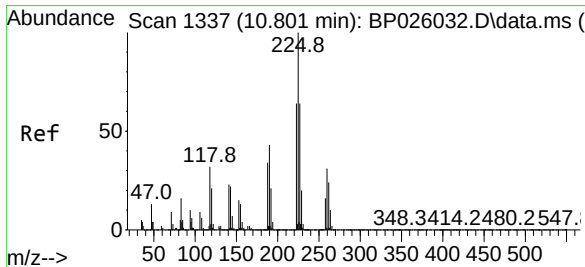
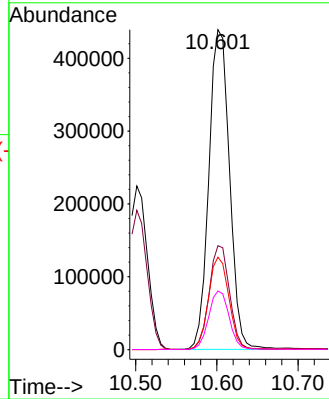
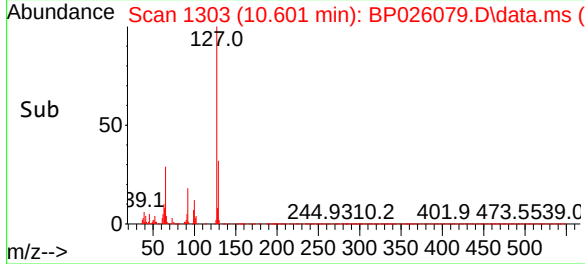
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:127 Resp: 779125
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 28.9 23.2 34.8
92 18.3 14.5 21.7

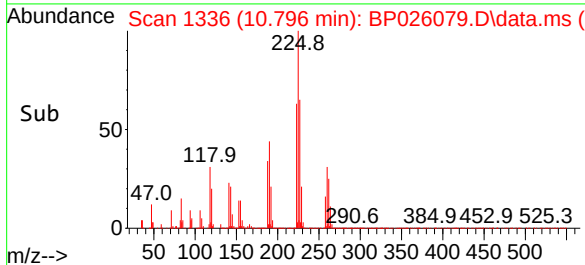
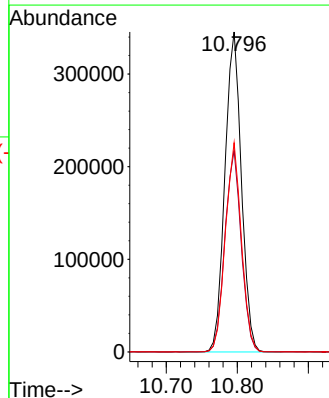
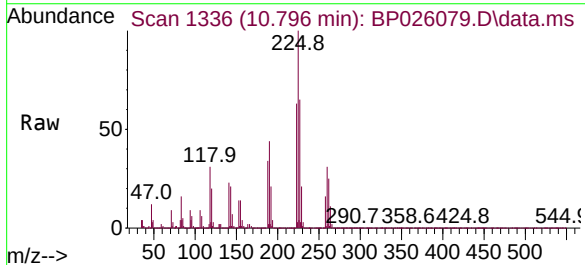
Manual Integrations
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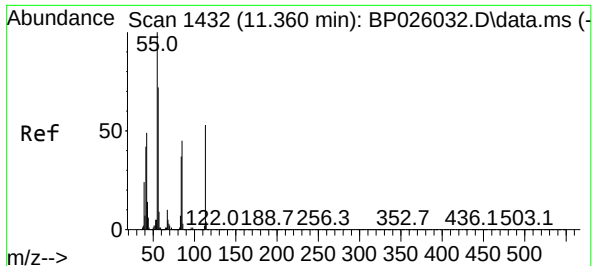
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Hexachlorobutadiene
Concen: 41.975 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

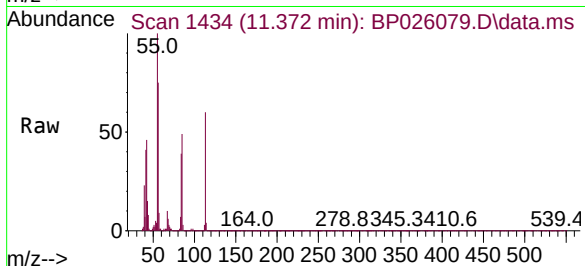
Tgt Ion:225 Resp: 556926
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 65.4 51.0 76.4





#35
Caprolactam
Concen: 53.490 ng m
RT: 11.372 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

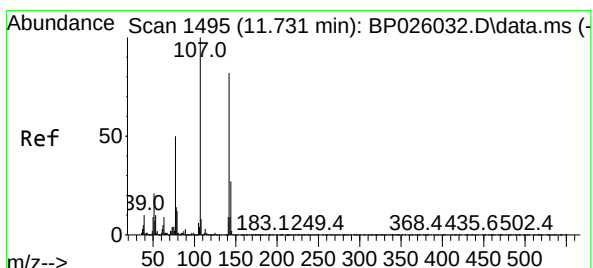
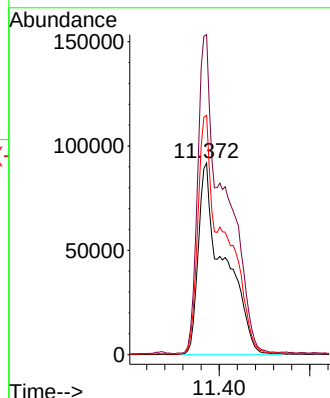
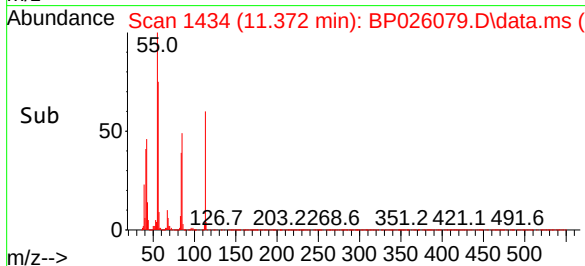
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:113 Resp: 360818
Ion Ratio Lower Upper
113 100
55 167.1 169.9 209.9
56 124.9 116.7 156.7

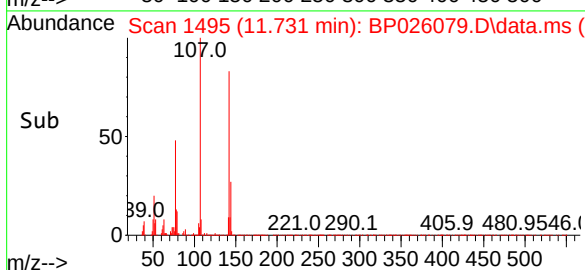
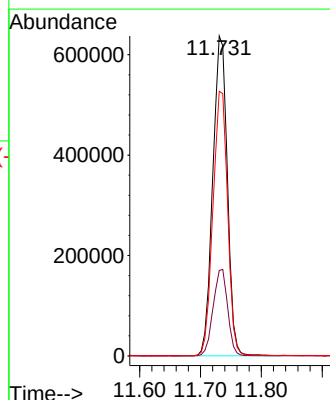
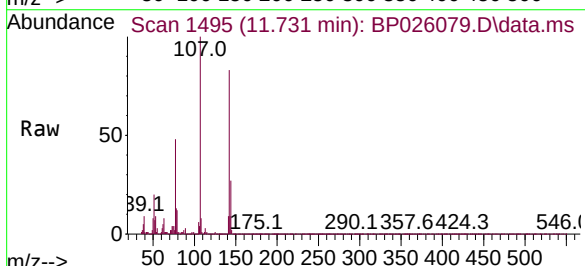
Manual Integrations
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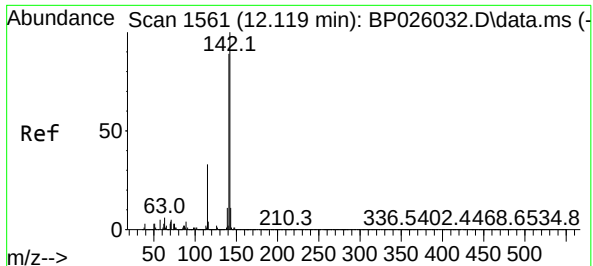
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#36
4-Chloro-3-methylphenol
Concen: 52.714 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

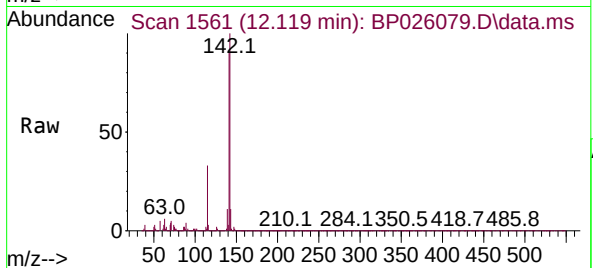
Tgt Ion:107 Resp: 1061481
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 82.7 65.2 97.8





#37
2-Methylnaphthalene
Concen: 39.922 ng
RT: 12.119 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

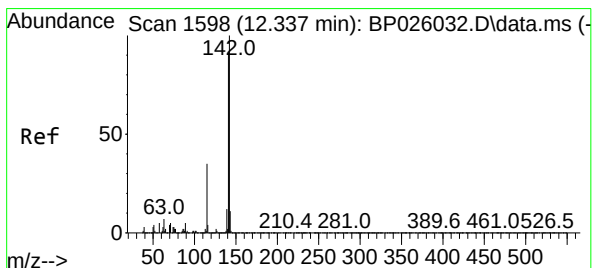
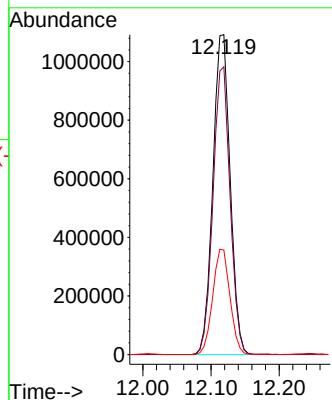
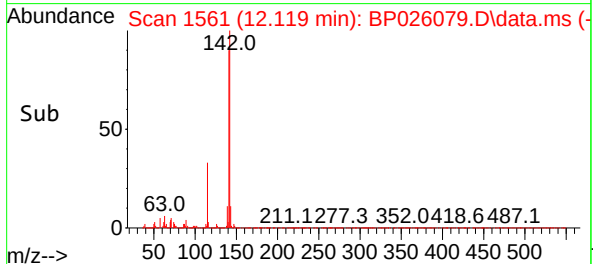
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:142 Resp: 1919899
Ion Ratio Lower Upper
142 100
141 89.9 71.6 107.4
115 32.7 26.6 39.8

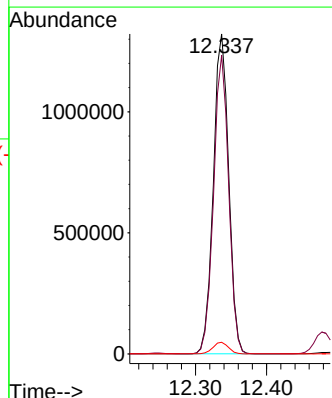
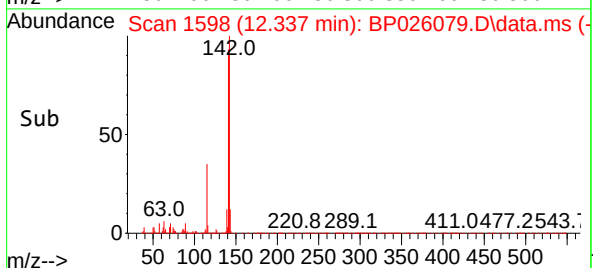
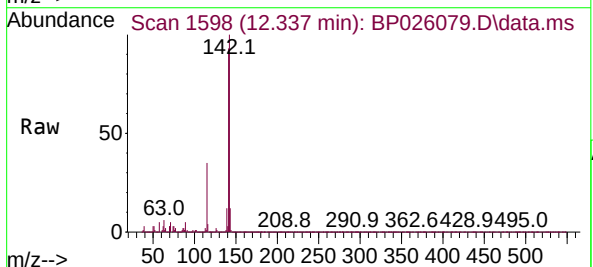
Manual Integrations
APPROVED

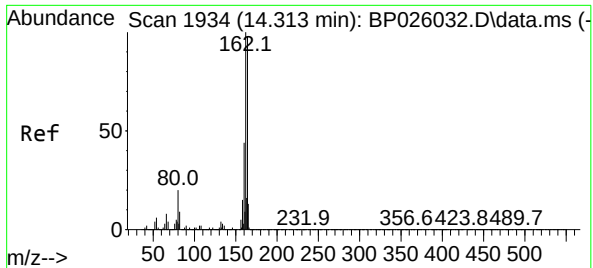
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#38
1-Methylnaphthalene
Concen: 42.433 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

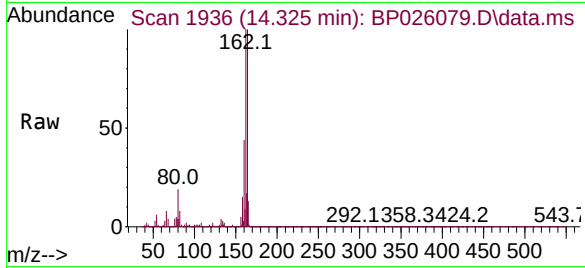
Tgt Ion:142 Resp: 1982527
Ion Ratio Lower Upper
142 100
141 93.3 72.7 109.1
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

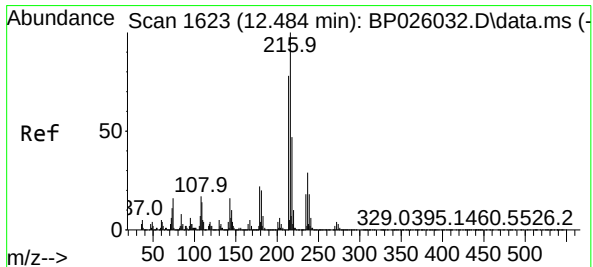
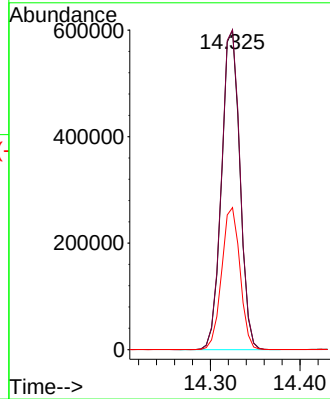
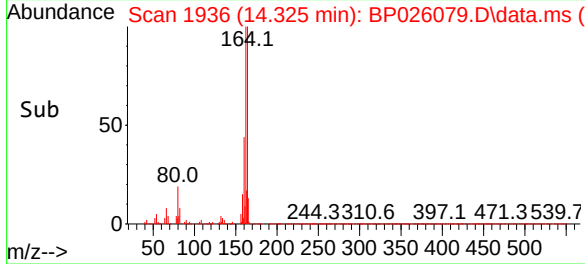
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:164 Resp: 853804
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 44.5 36.2 54.4

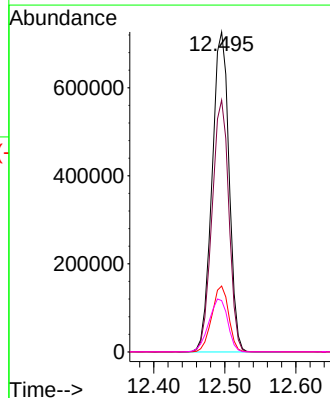
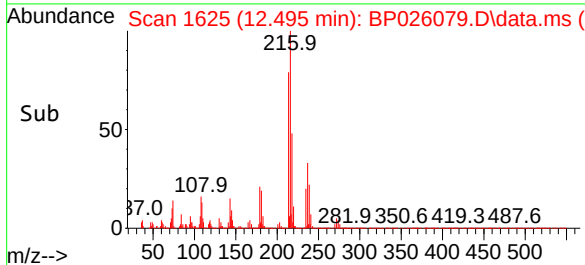
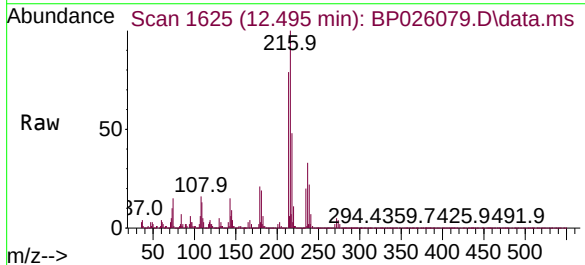
Manual Integrations
APPROVED

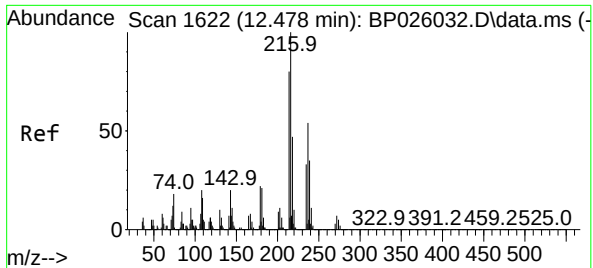
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.426 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

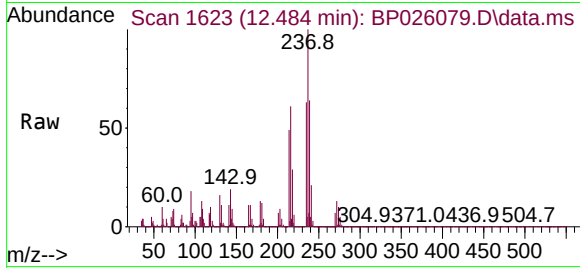
Tgt Ion:216 Resp: 1205103
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.4 16.9 25.3
108 18.4 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 124.561 ng
RT: 12.484 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

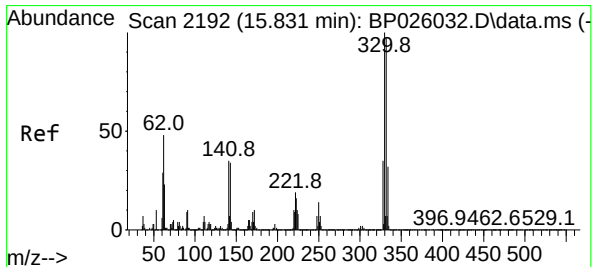
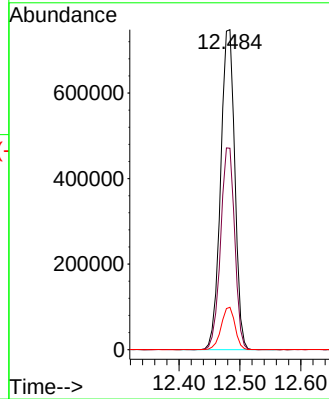
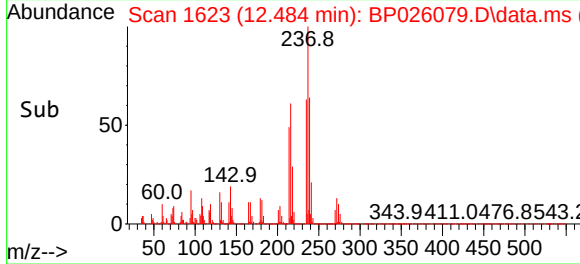
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



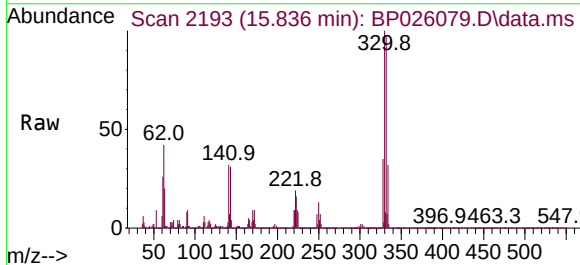
Tgt Ion:237 Resp: 1209033
Ion Ratio Lower Upper
237 100
235 62.9 40.4 80.4
272 13.2 0.0 32.2

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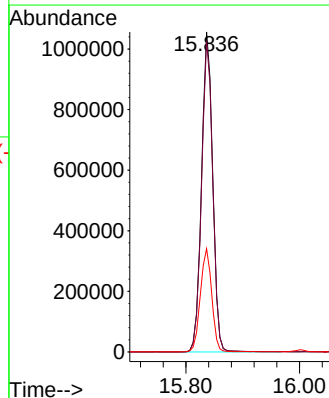
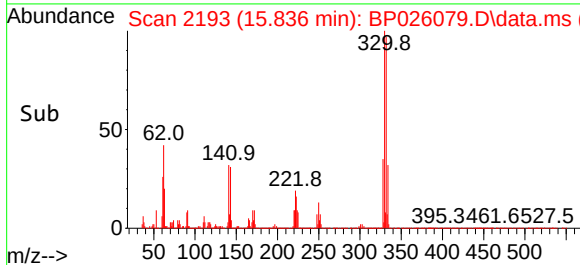
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

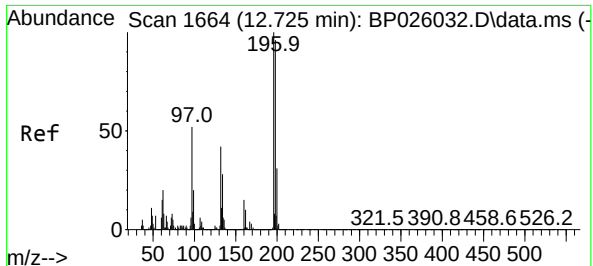


#42
2,4,6-Tribromophenol
Concen: 155.192 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35



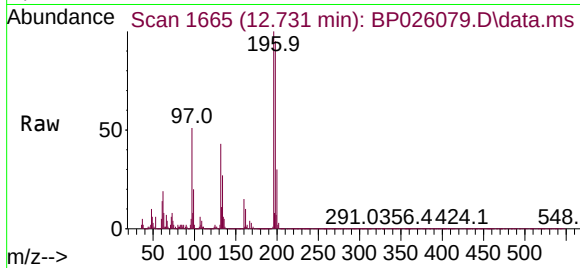
Tgt Ion:330 Resp: 1432494
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 32.8 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 51.992 ng
RT: 12.731 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

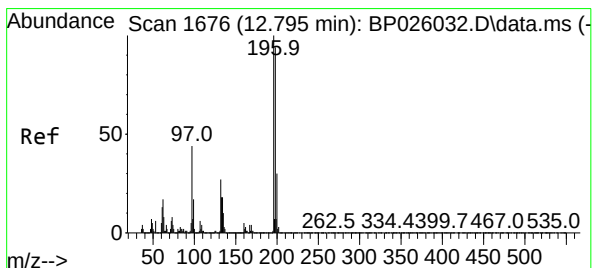
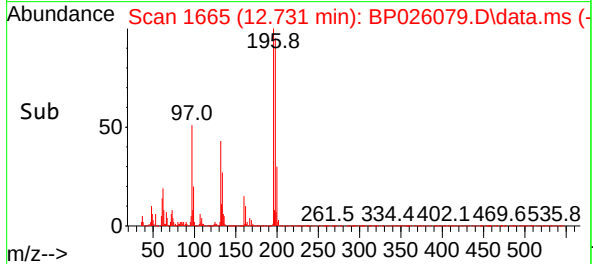
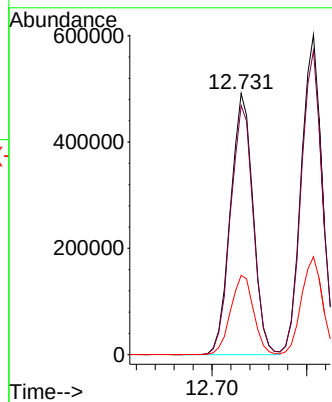
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:196 Resp: 815265
Ion Ratio Lower Upper
196 100
198 95.4 76.5 114.7
200 30.4 24.4 36.6

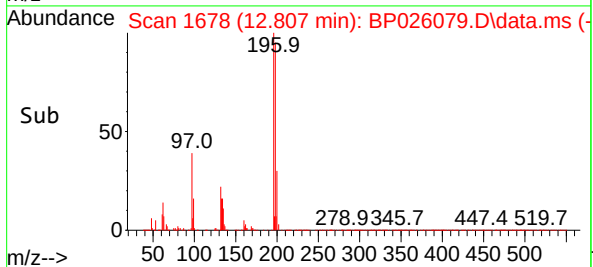
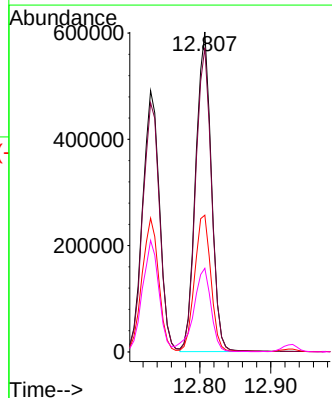
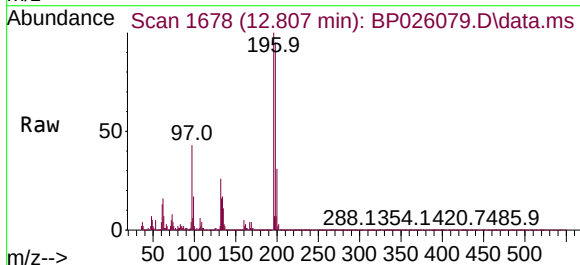
Manual Integrations
APPROVED

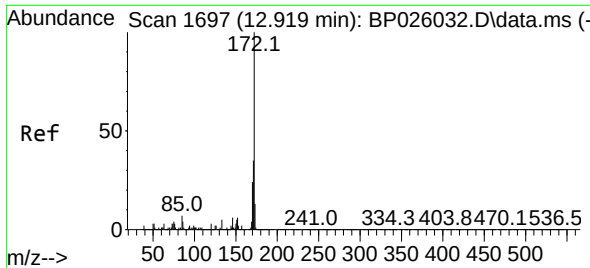
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#44
2,4,5-Trichlorophenol
Concen: 51.266 ng
RT: 12.807 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

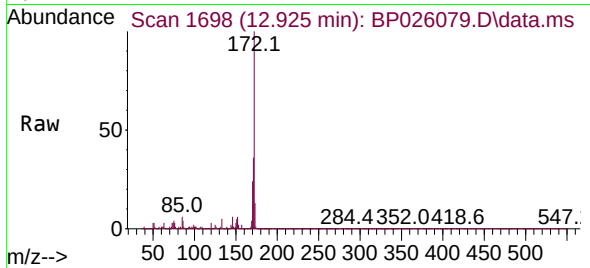
Tgt Ion:196 Resp: 917274
Ion Ratio Lower Upper
196 100
198 95.0 75.1 112.7
97 42.7 35.5 53.3
132 26.2 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 76.579 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

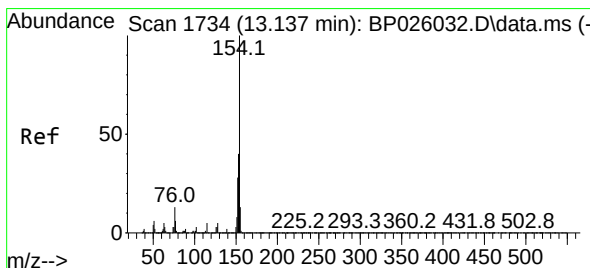
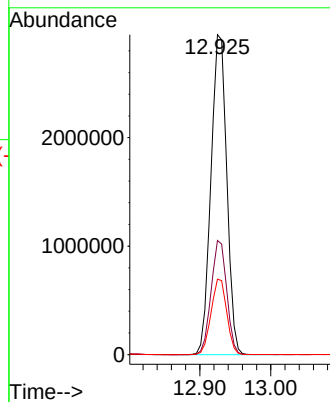
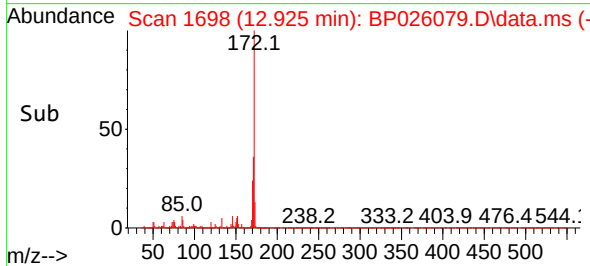
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:172 Resp: 4550227
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.6 19.0 28.4

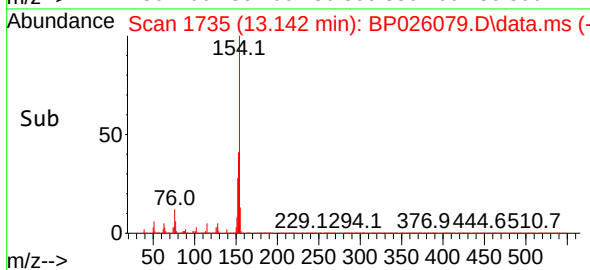
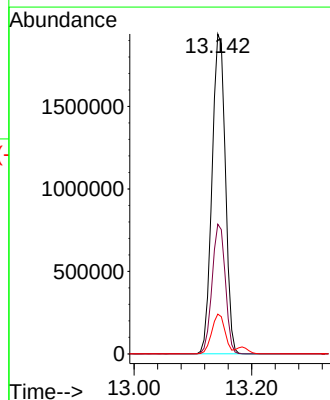
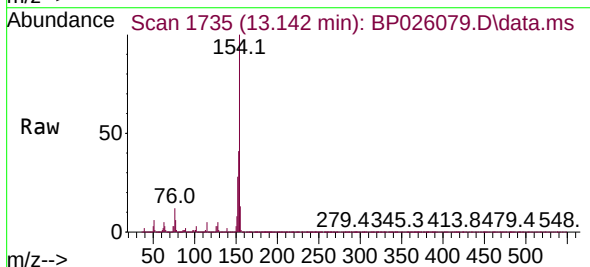
Manual Integrations
APPROVED

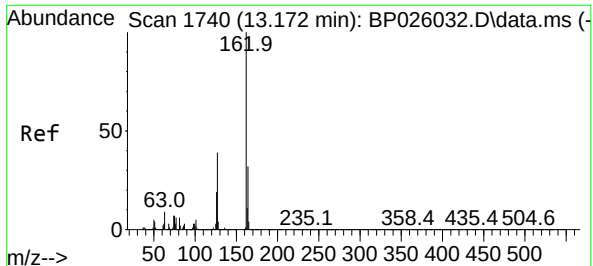
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#46
1,1'-Biphenyl
Concen: 46.650 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

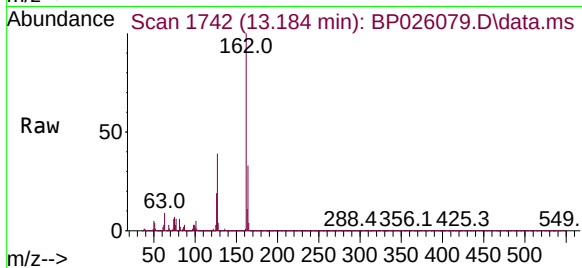
Tgt Ion:154 Resp: 3049794
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 12.4 0.0 32.8





#47
2-Chloronaphthalene
Concen: 41.078 ng
RT: 13.184 min Scan# 1742
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

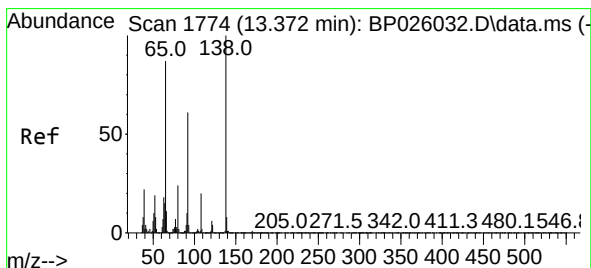
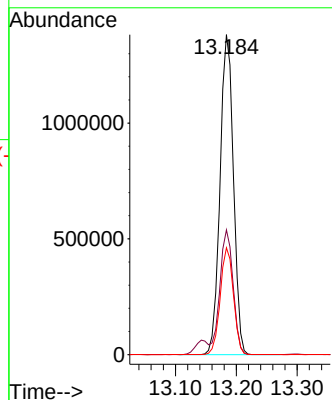
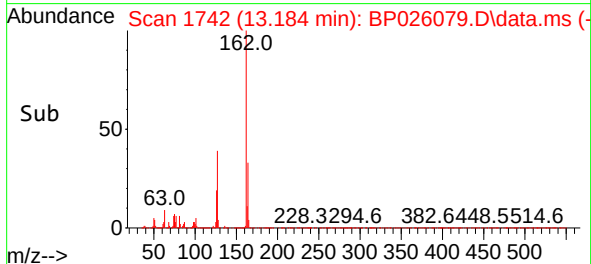
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



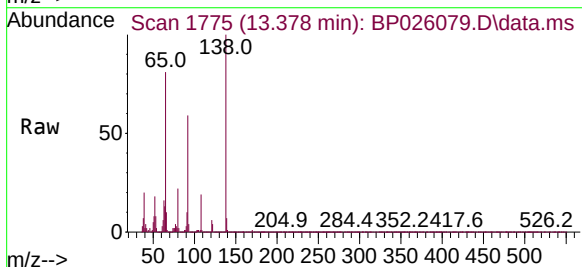
Tgt Ion:162 Resp: 2112935
Ion Ratio Lower Upper
162 100
127 39.0 31.4 47.2
164 33.4 25.9 38.9

Manual Integrations
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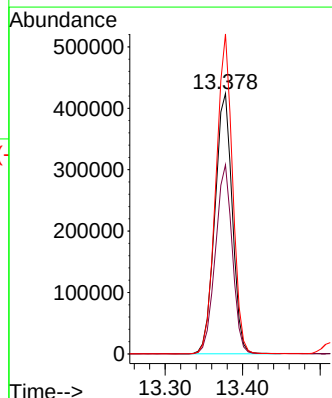
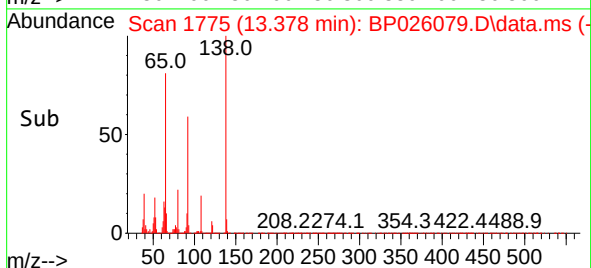
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

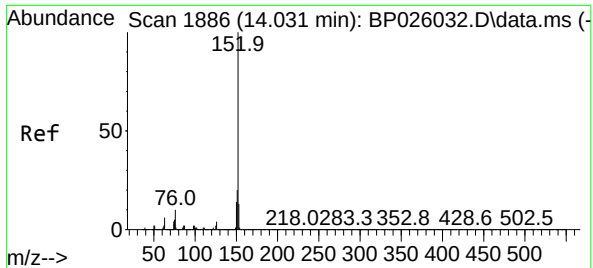


#48
2-Nitroaniline
Concen: 49.667 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35



Tgt Ion: 65 Resp: 658887
Ion Ratio Lower Upper
65 100
92 72.6 55.5 83.3
138 122.9 91.7 137.5





#49

Acenaphthylene

Concen: 48.628 ng

RT: 14.037 min Scan# 1886

Delta R.T. 0.001 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion:152 Resp: 3645640

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

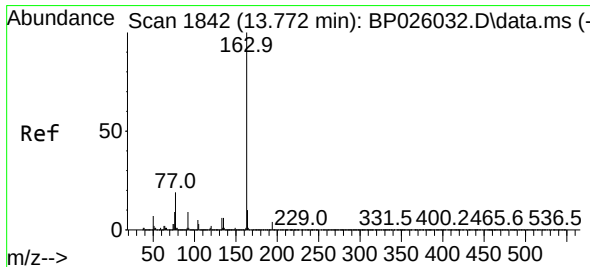
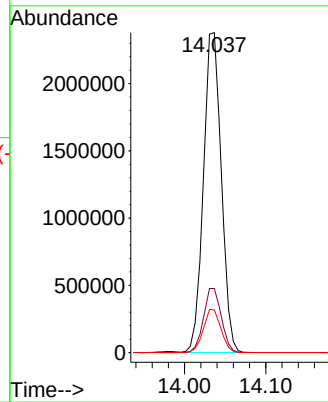
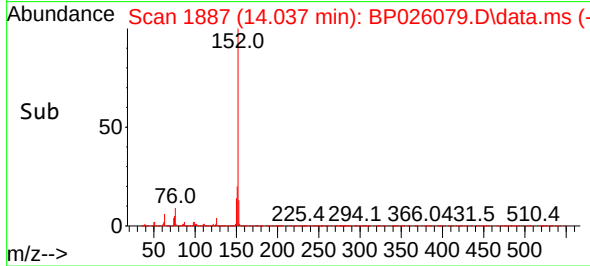
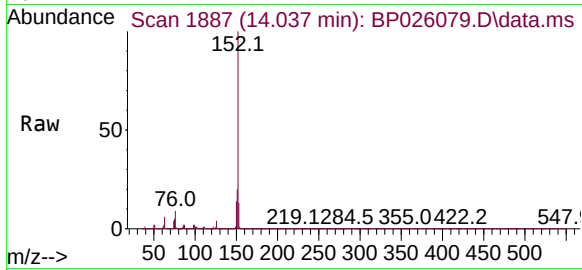
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#50

Dimethylphthalate

Concen: 47.141 ng

RT: 13.778 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

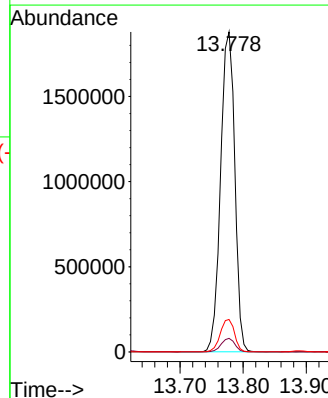
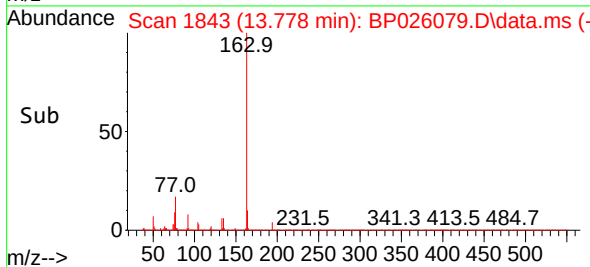
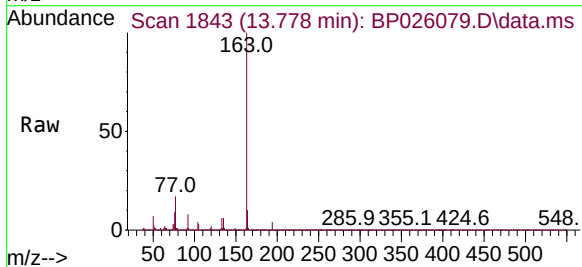
Tgt Ion:163 Resp: 2927654

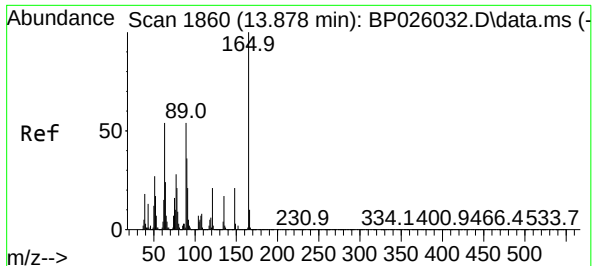
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

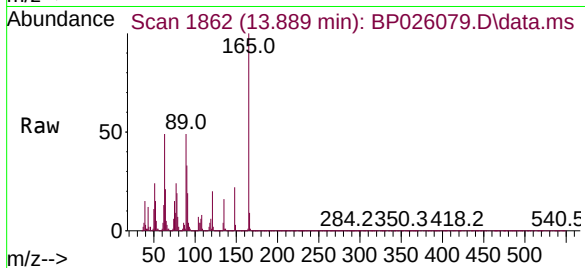
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.919 ng
RT: 13.889 min Scan# 1862
Delta R.T. 0.011 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

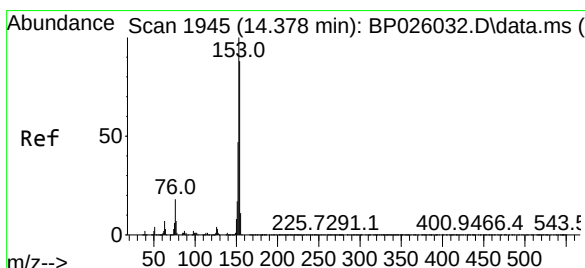
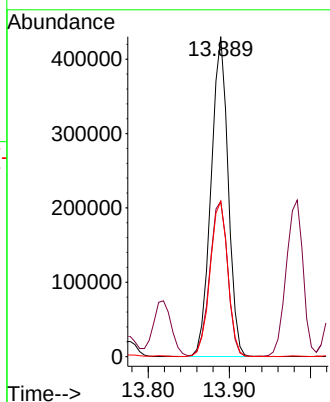
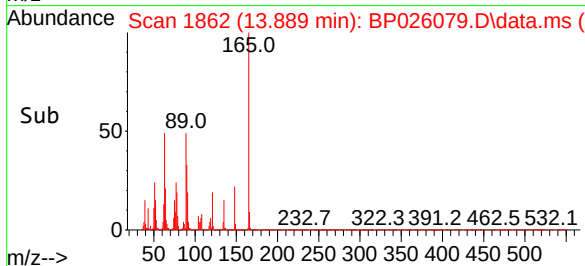
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:165 Resp: 629781
Ion Ratio Lower Upper
165 100
63 48.5 43.0 64.4
89 48.5 43.0 64.4

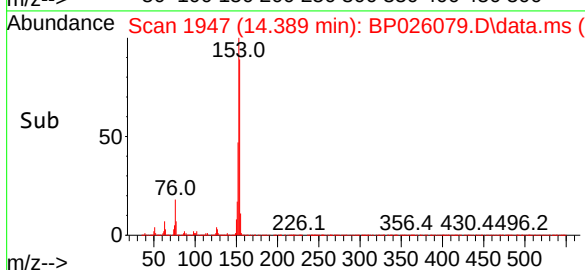
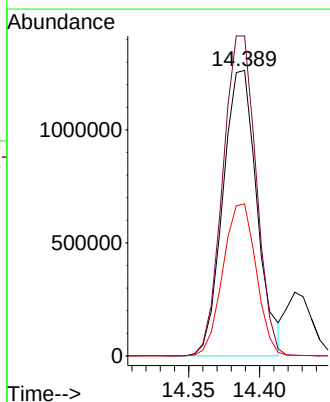
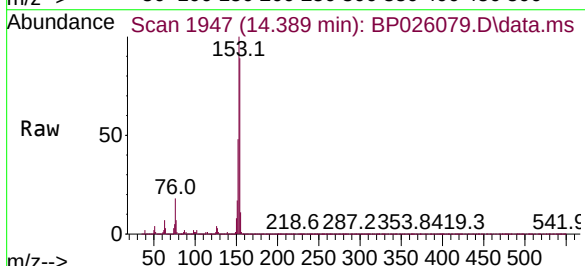
Manual Integrations
APPROVED

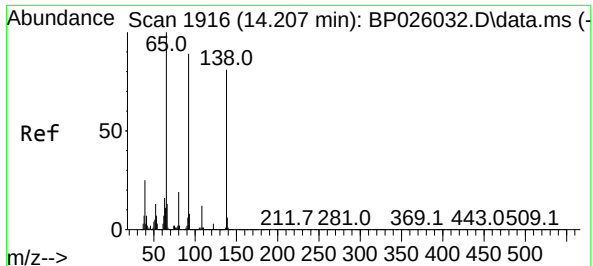
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#52
Acenaphthene
Concen: 40.939 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

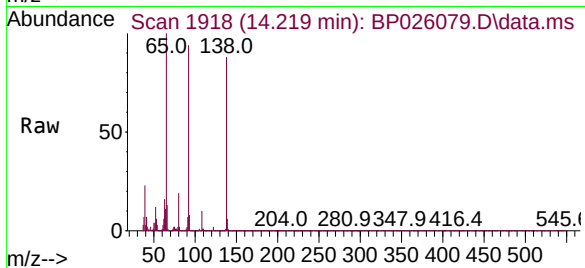
Tgt Ion:154 Resp: 2107035
Ion Ratio Lower Upper
154 100
153 112.1 91.0 136.4
152 53.3 42.7 64.1





#53
3-Nitroaniline
Concen: 38.678 ng
RT: 14.219 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

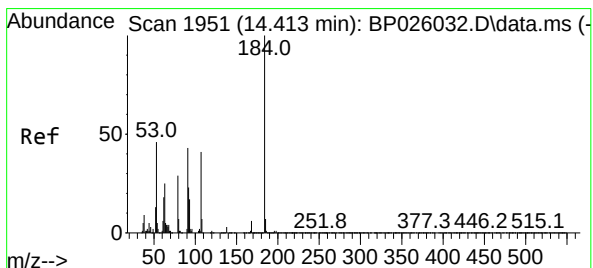
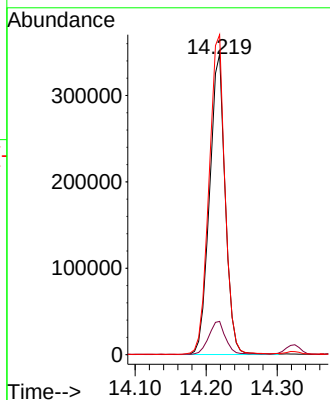
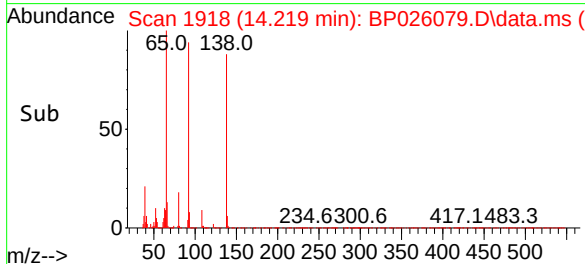
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:138 Resp: 533574
Ion Ratio Lower Upper
138 100
108 11.0 11.4 17.0
92 106.5 87.1 130.7

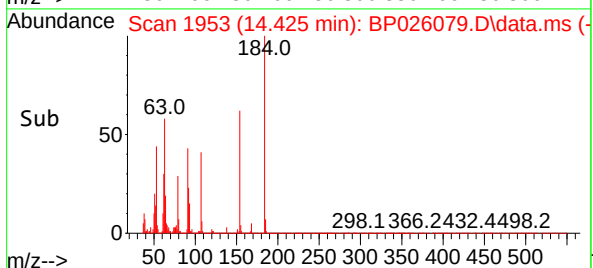
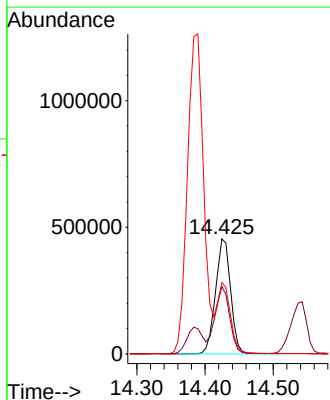
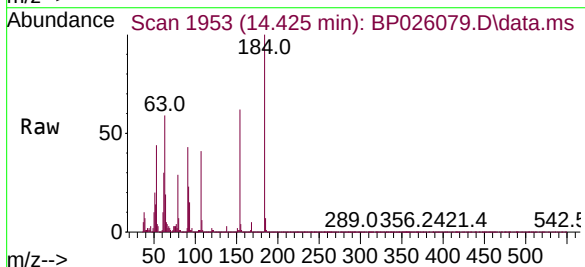
Manual Integrations
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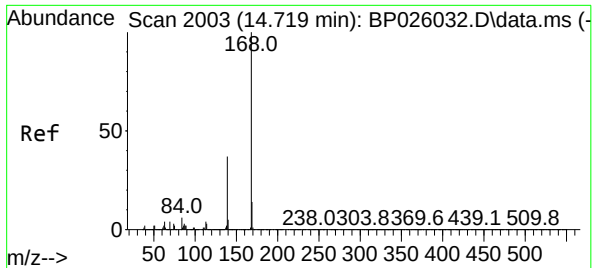
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#54
2,4-Dinitrophenol
Concen: 109.641 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

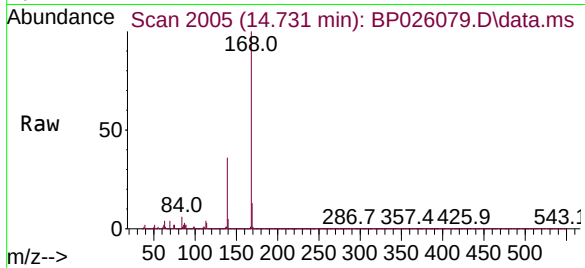
Tgt Ion:184 Resp: 696443
Ion Ratio Lower Upper
184 100
63 58.5 49.0 73.4
154 62.0 51.0 76.6





#55
Dibenzenofuran
Concen: 43.579 ng
RT: 14.731 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

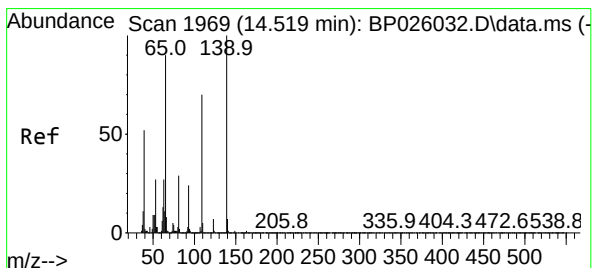
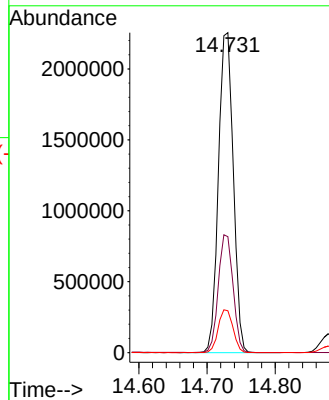
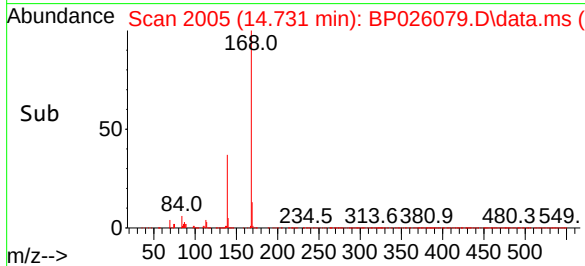
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:168 Resp: 3388704
Ion Ratio Lower Upper
168 100
139 36.2 29.7 44.5
169 13.1 11.0 16.4

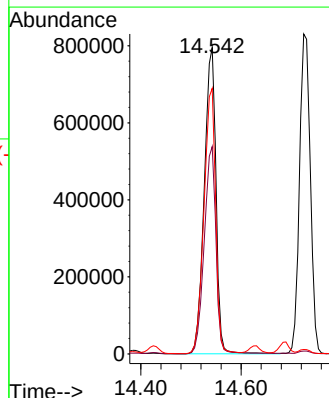
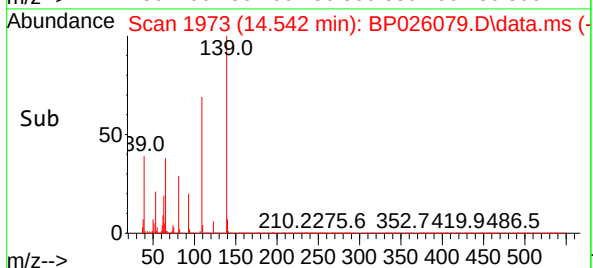
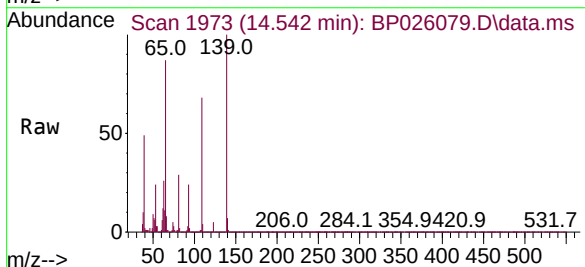
Manual Integrations
APPROVED

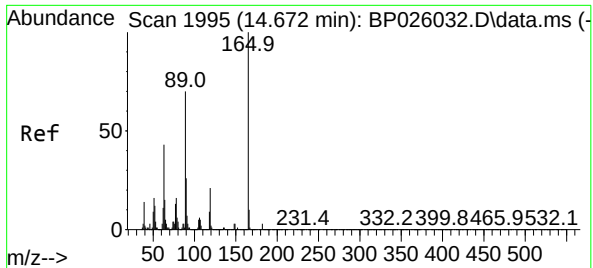
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#56
4-Nitrophenol
Concen: 104.356 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.023 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

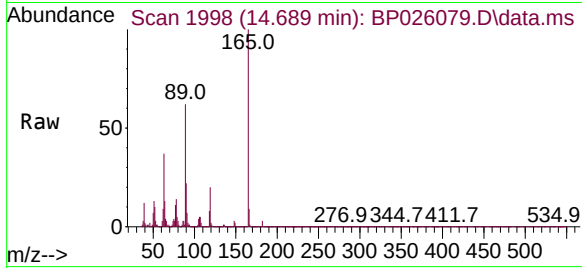
Tgt Ion:139 Resp: 1292340
Ion Ratio Lower Upper
139 100
109 67.7 50.0 90.0
65 86.7 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 52.416 ng
RT: 14.689 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

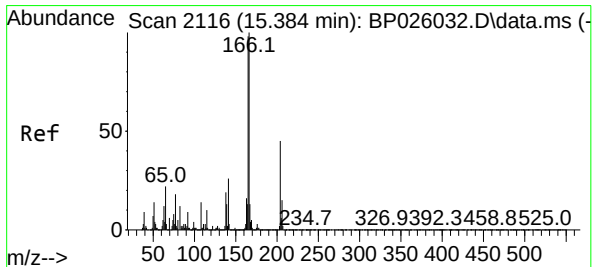
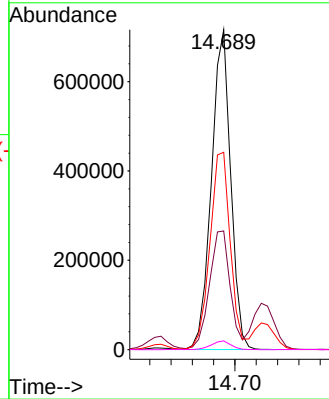
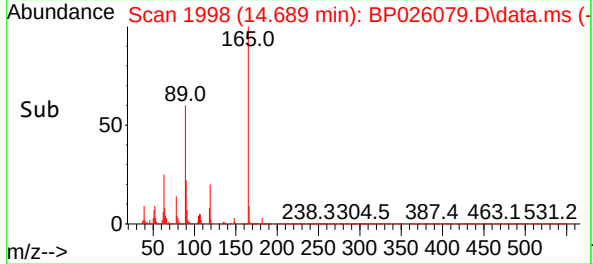
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:165 Resp: 898072
Ion Ratio Lower Upper
165 100
63 37.1 34.2 51.2
89 61.7 56.0 84.0
182 2.7 2.2 3.2

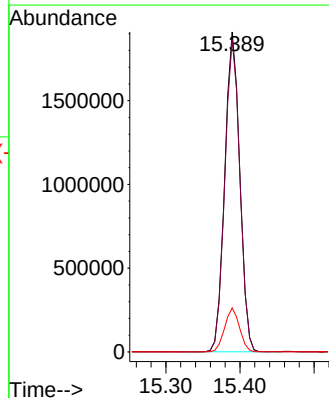
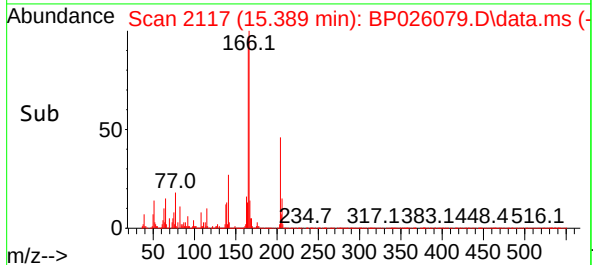
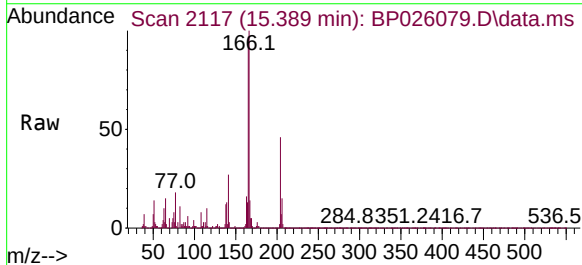
Manual Integrations
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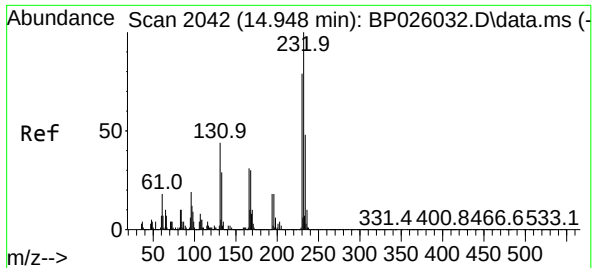
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#58
Fluorene
Concen: 44.148 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion:166 Resp: 2689532
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.824 ng

RT: 14.960 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion:232 Resp: 813480

Ion Ratio Lower Upper

232 100

131 43.0 35.2 52.8

130 2.1 1.7 2.5

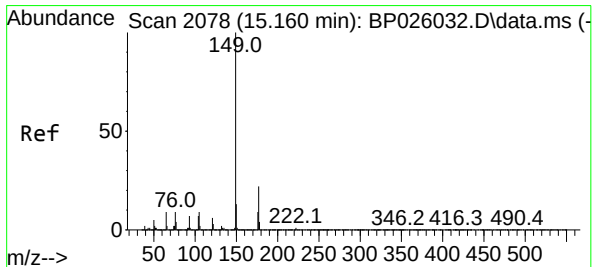
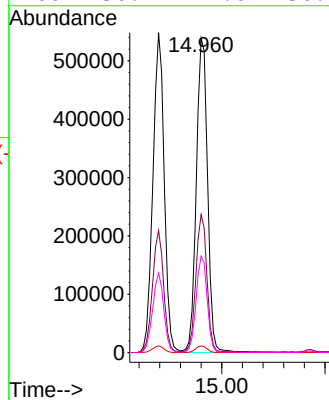
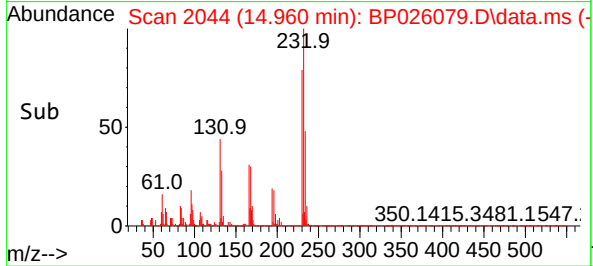
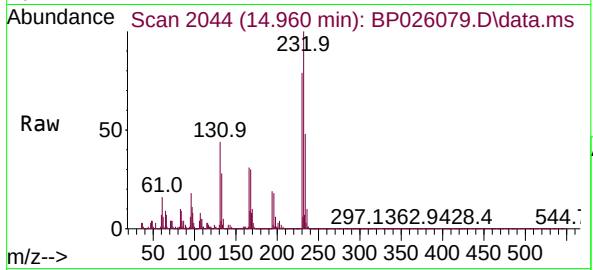
166 30.2 24.6 36.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#60

Diethylphthalate

Concen: 47.567 ng

RT: 15.172 min Scan# 2080

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

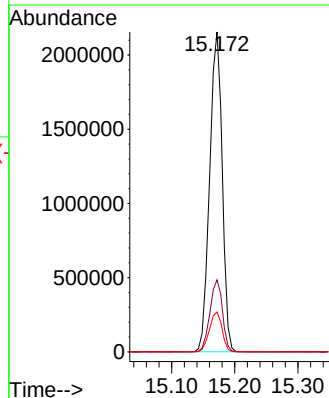
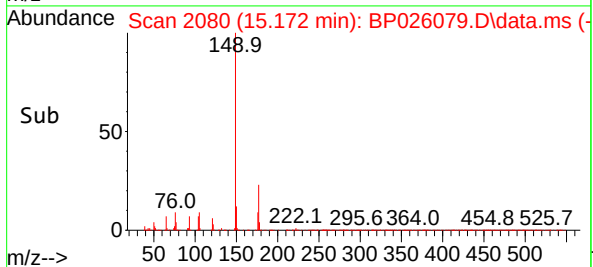
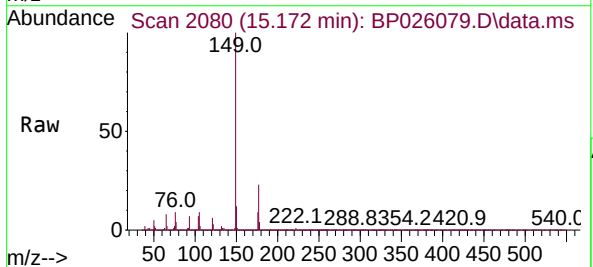
Tgt Ion:149 Resp: 2969874

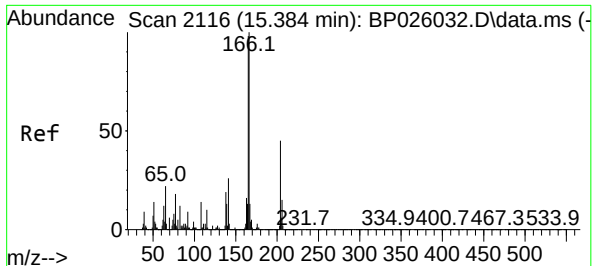
Ion Ratio Lower Upper

149 100

177 22.5 17.9 26.9

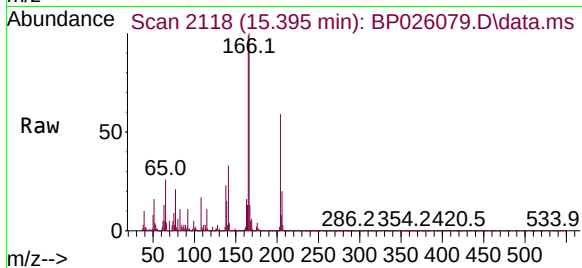
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.733 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

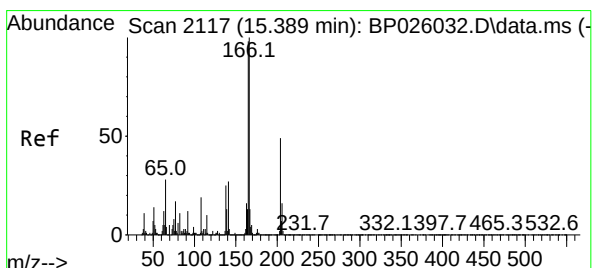
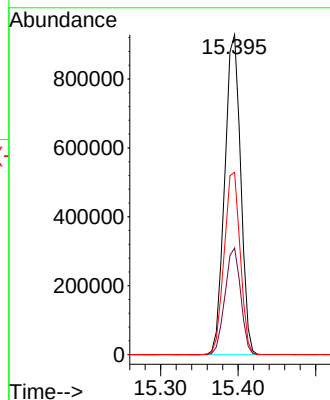
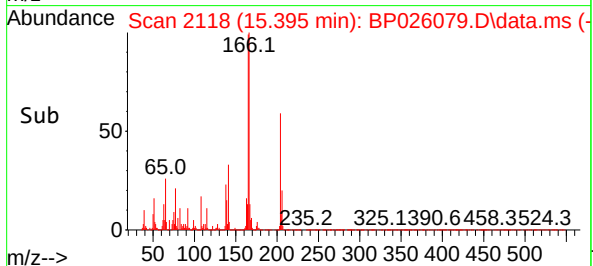
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



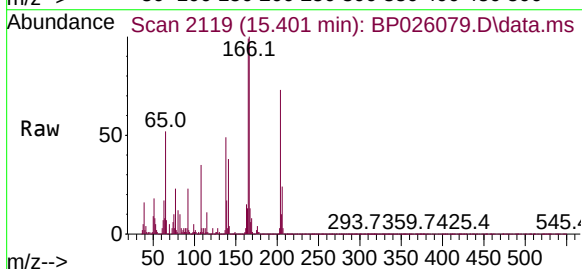
Tgt Ion:204 Resp: 133048
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 57.0 47.0 70.4

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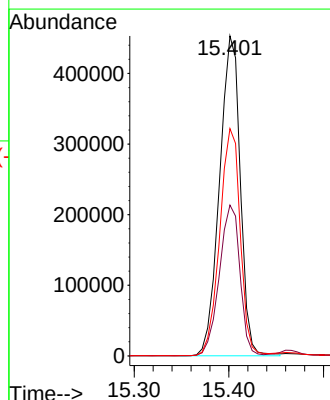
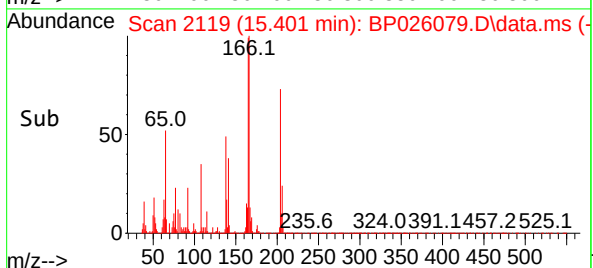
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

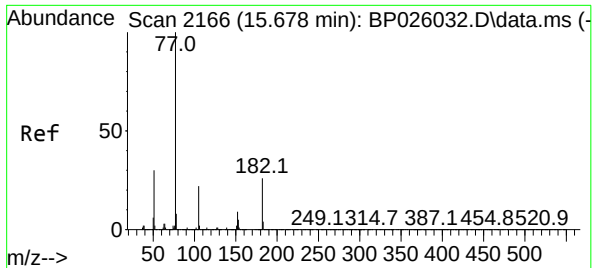


#62
4-Nitroaniline
Concen: 51.877 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35



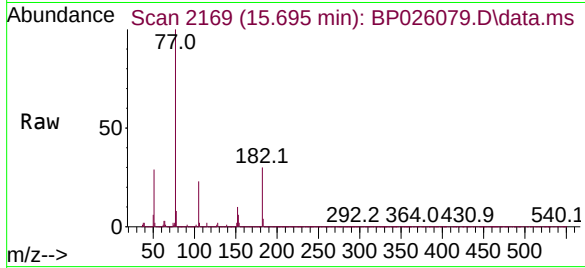
Tgt Ion:138 Resp: 688459
Ion Ratio Lower Upper
138 100
92 47.1 28.2 68.2
108 71.0 56.0 96.0





#63
Azobenzene
Concen: 44.329 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

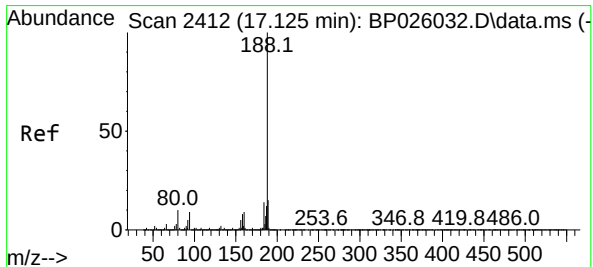
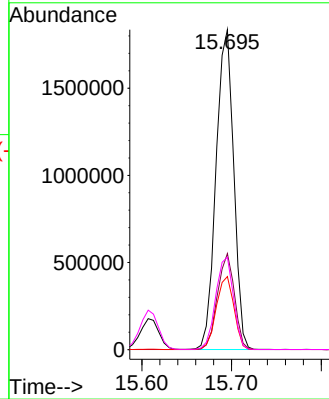
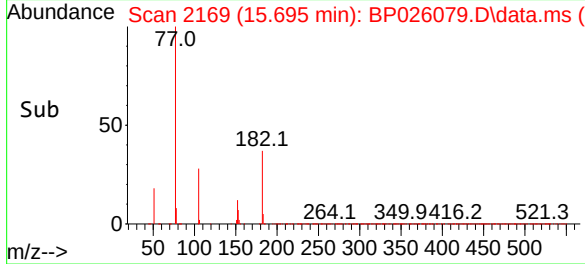
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion: 77 Resp: 250834
Ion Ratio Lower Upper
77 100
182 30.0 6.4 46.4
105 22.8 2.2 42.2
51 28.9 10.3 50.3

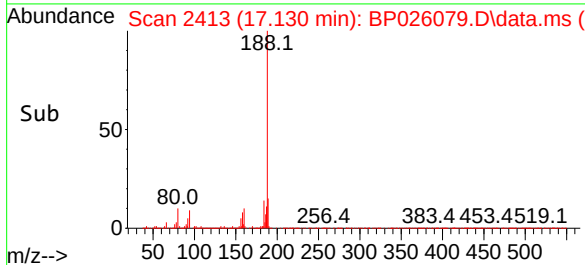
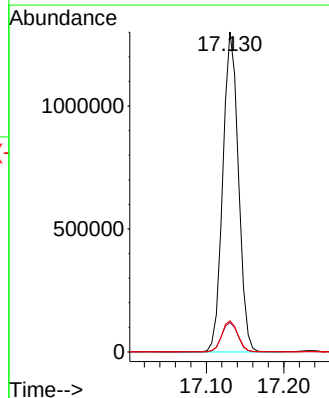
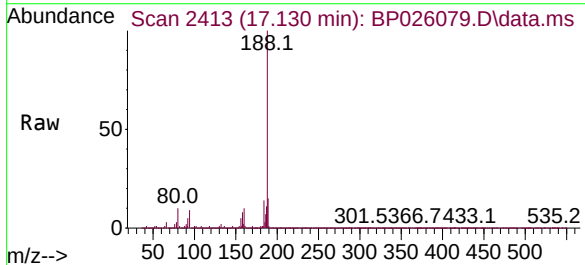
Manual Integrations
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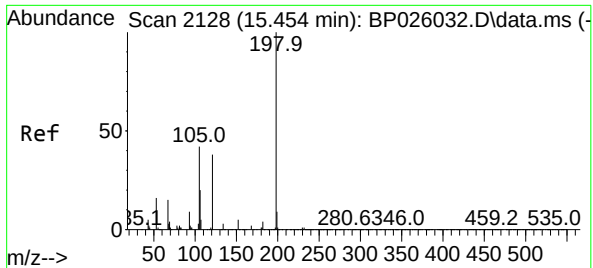
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion:188 Resp: 1821988
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.7 7.9 11.9





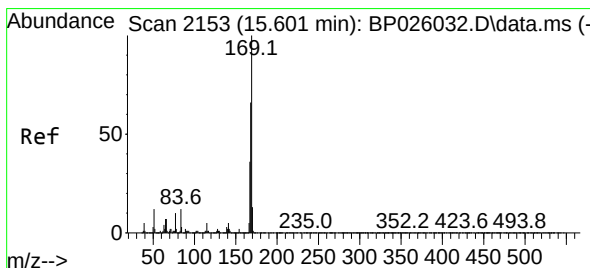
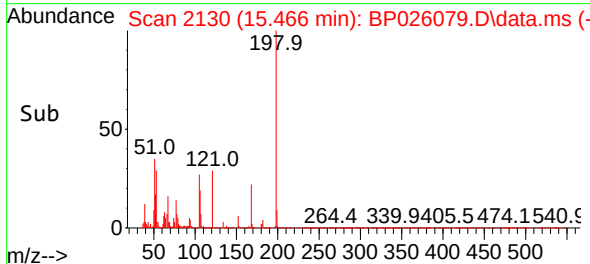
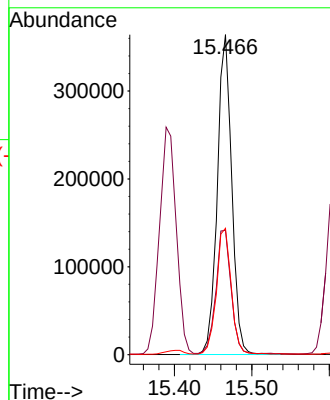
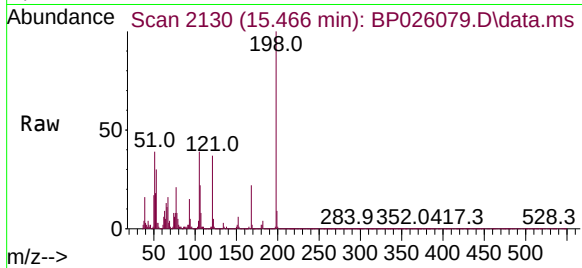
#65
4,6-Dinitro-2-methylphenol
Concen: 59.474 ng
RT: 15.466 min Scan# 2112
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Tgt Ion:198 Resp: 47125
Ion Ratio Lower Upper
198 100
51 38.8 25.2 65.2
105 39.5 23.7 63.7

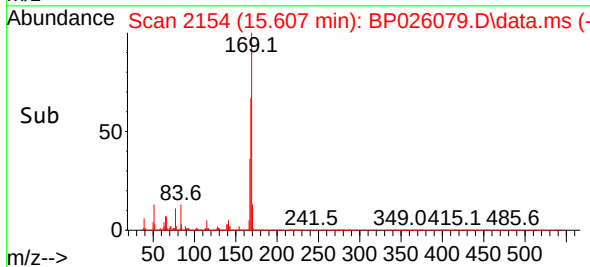
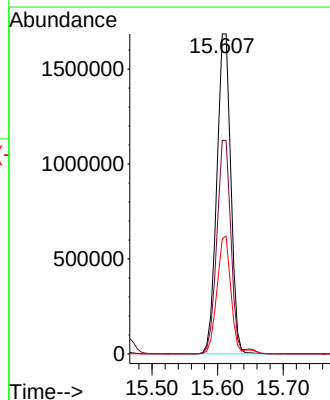
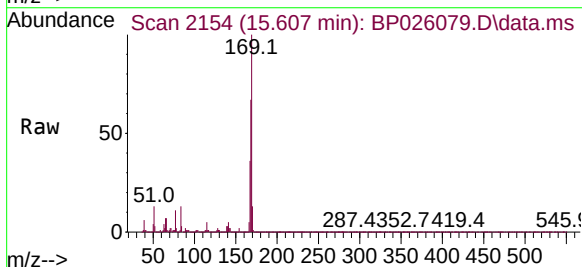
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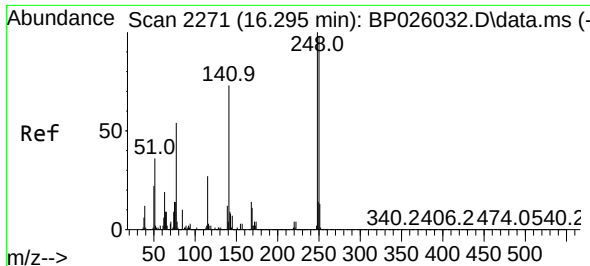
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#66
n-Nitrosodiphenylamine
Concen: 43.938 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

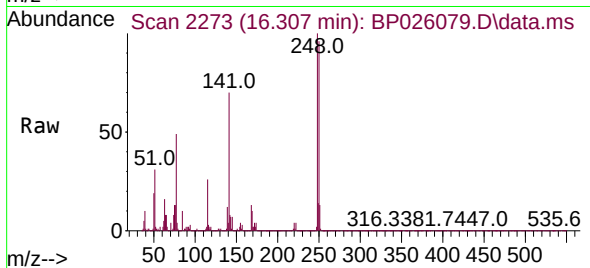
Tgt Ion:169 Resp: 2503020
Ion Ratio Lower Upper
169 100
168 66.8 52.9 79.3
167 36.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.137 ng
RT: 16.307 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

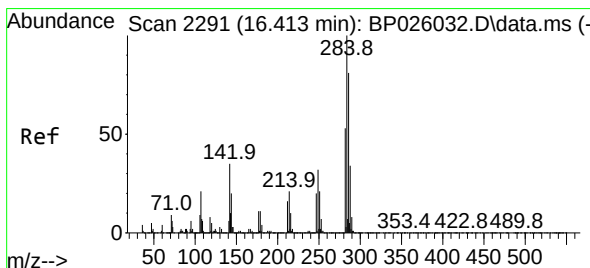
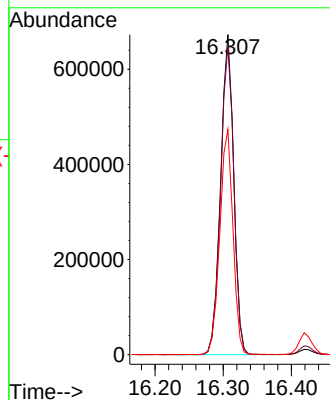
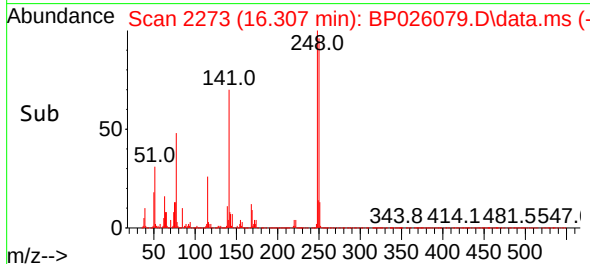
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion: 248 Resp: 892025
Ion Ratio Lower Upper
248 100
250 96.2 78.4 117.6
141 70.4 58.3 87.5

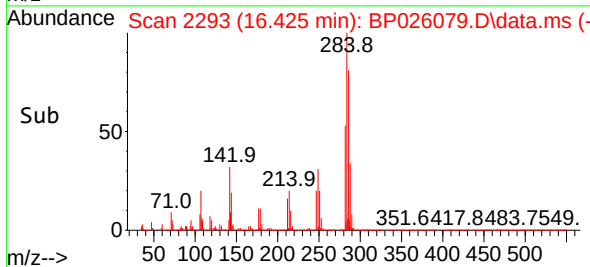
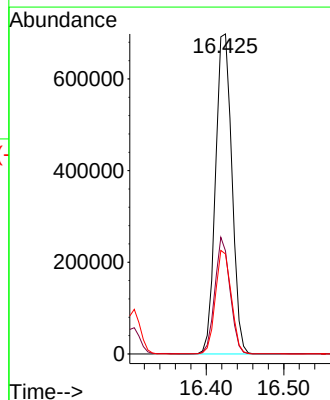
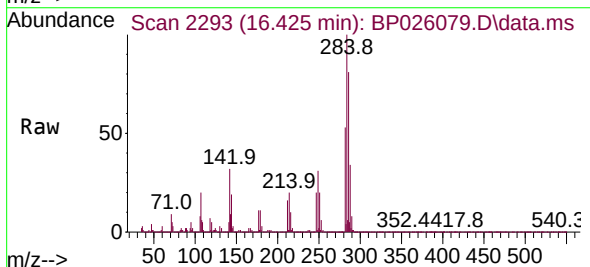
Manual Integrations
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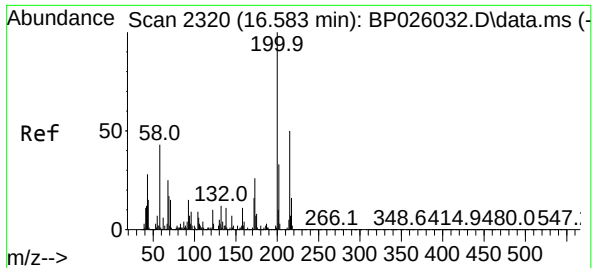
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#68
Hexachlorobenzene
Concen: 44.383 ng
RT: 16.425 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion: 284 Resp: 1021133
Ion Ratio Lower Upper
284 100
142 32.2 27.7 41.5
249 31.2 25.5 38.3





#69

Atrazine

Concen: 50.370 ng

RT: 16.589 min Scan# 2321

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion:200 Resp: 96798

Ion Ratio Lower Upper

200 100

173 26.4 6.2 46.2

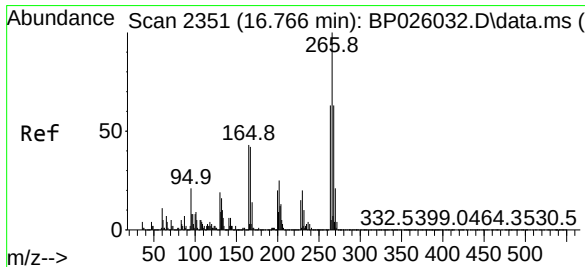
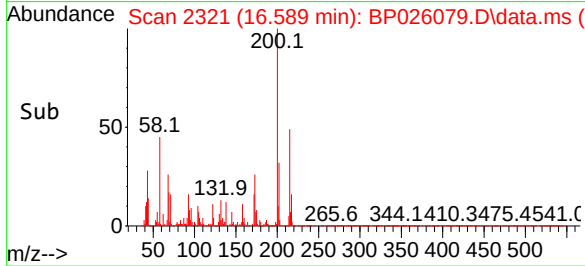
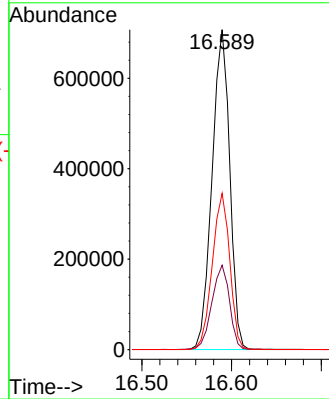
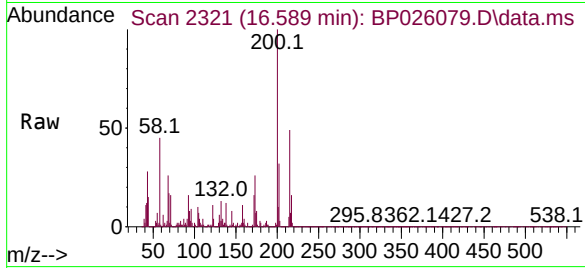
215 48.8 29.8 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#70

Pentachlorophenol

Concen: 115.892 ng

RT: 16.772 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

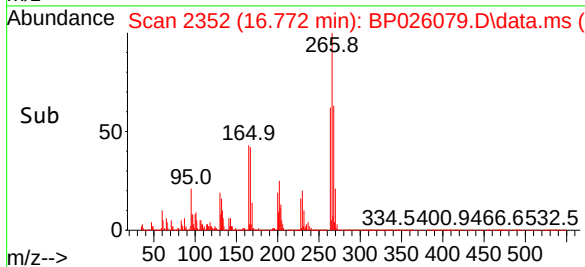
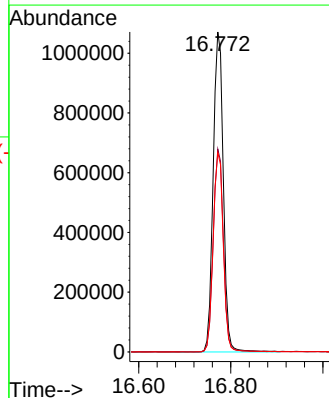
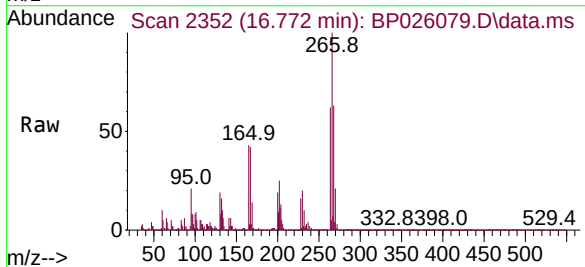
Tgt Ion:266 Resp: 1628665

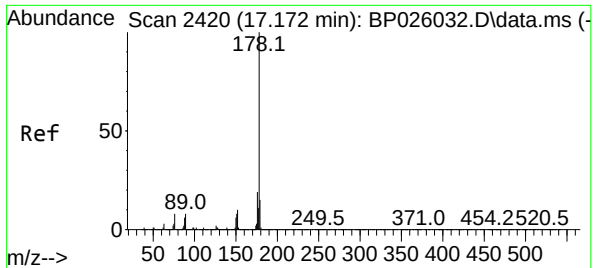
Ion Ratio Lower Upper

266 100

268 63.4 50.6 76.0

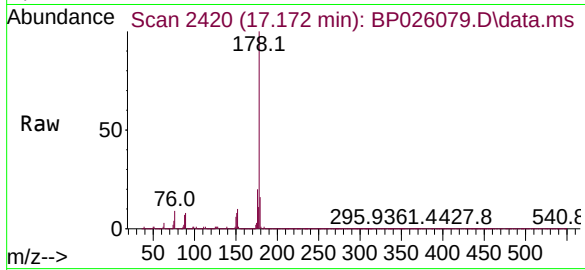
264 62.2 50.2 75.4





#71
Phenanthrene
Concen: 42.251 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

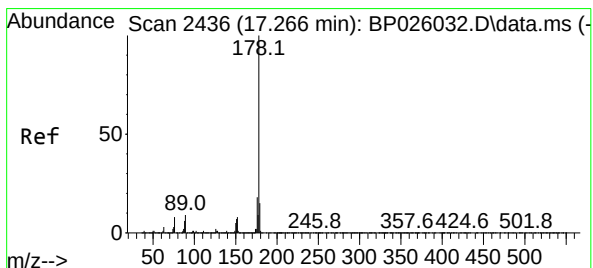
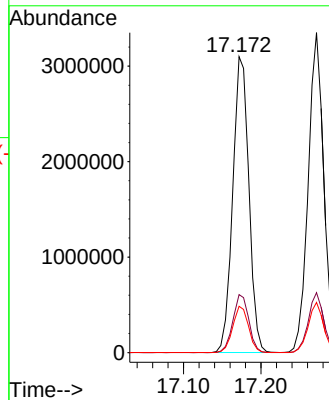
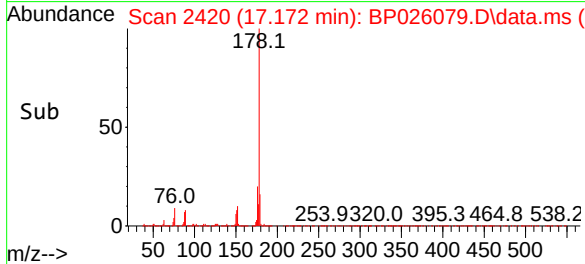
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:178 Resp: 4480675
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.3 18.5

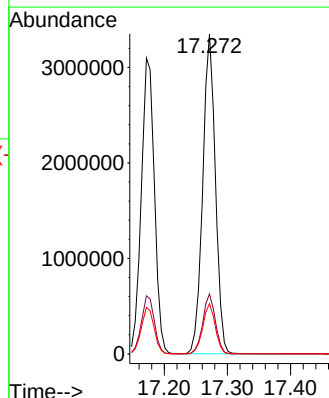
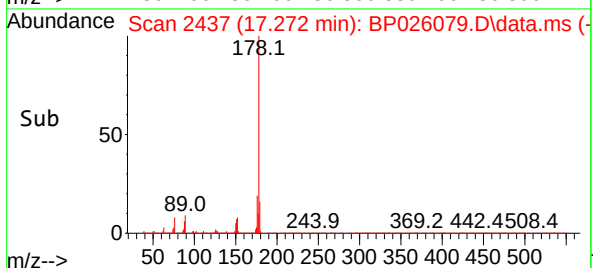
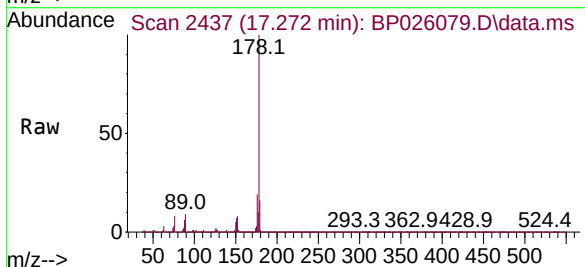
Manual Integrations
APPROVED

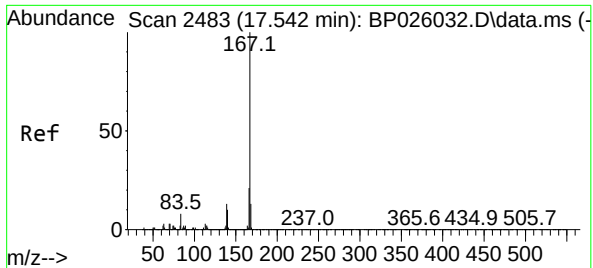
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#72
Anthracene
Concen: 44.323 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

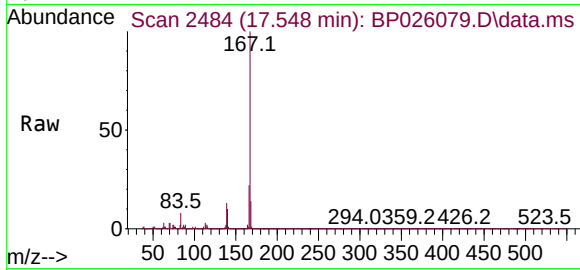
Tgt Ion:178 Resp: 4659290
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 44.513 ng
 RT: 17.548 min Scan# 2483
 Delta R.T. 0.012 min
 Lab File: BP026079.D
 Acq: 06 Nov 2025 15:35

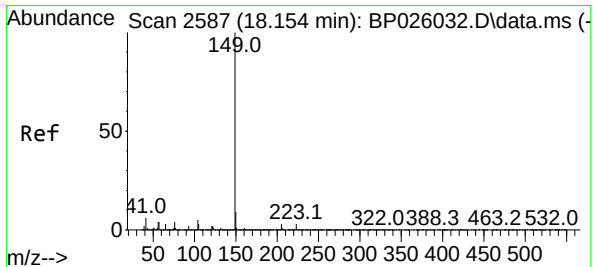
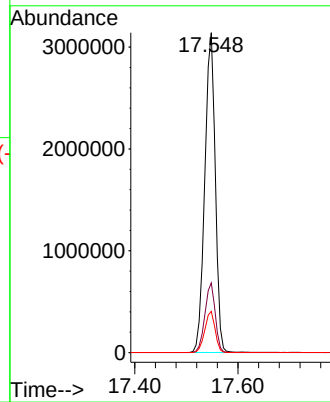
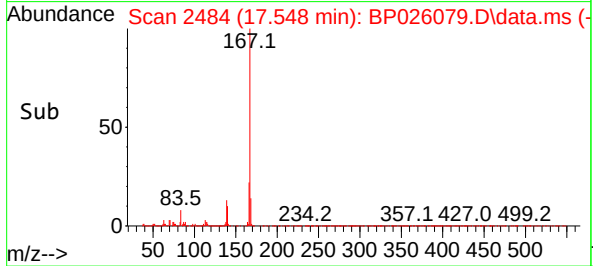
Instrument :
 BNA_P
 ClientSampleId :
 PB170424BSD



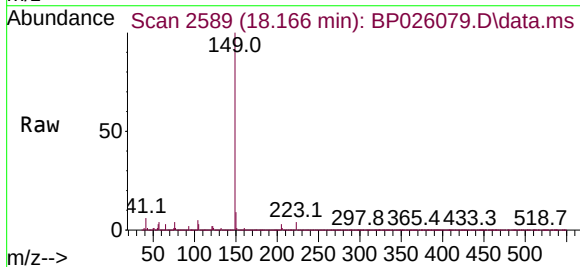
Tgt Ion:167 Resp: 4429412
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.9 10.2 15.2

Manual Integrations
 APPROVED

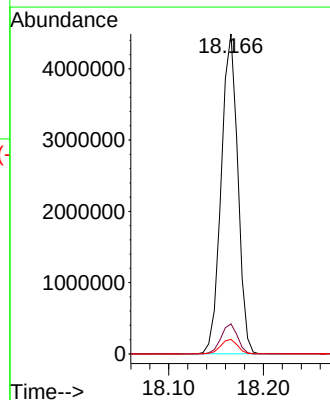
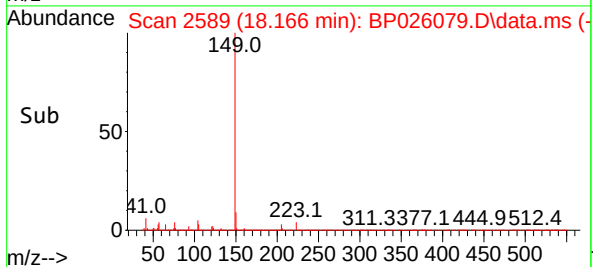
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

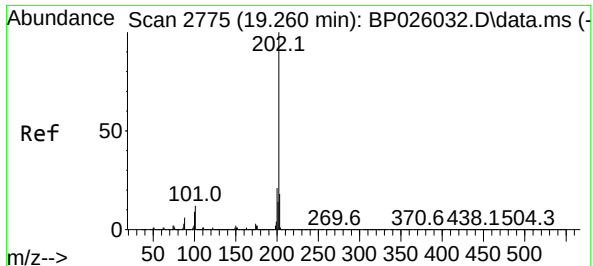


#74
 Di-n-butylphthalate
 Concen: 49.068 ng
 RT: 18.166 min Scan# 2589
 Delta R.T. 0.012 min
 Lab File: BP026079.D
 Acq: 06 Nov 2025 15:35



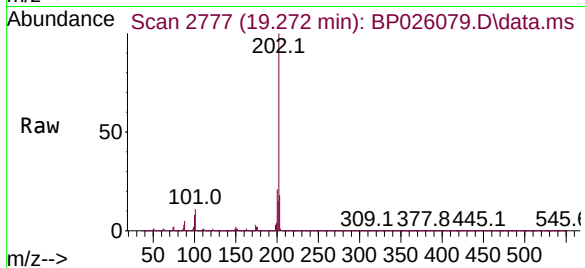
Tgt Ion:149 Resp: 5463574
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 44.841 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

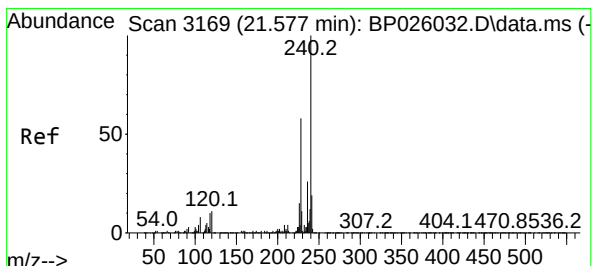
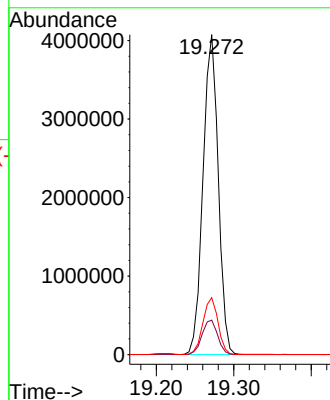
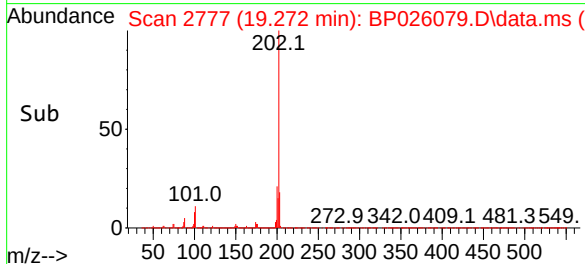
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:202 Resp: 5547129
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.1
203 17.8 0.0 37.6

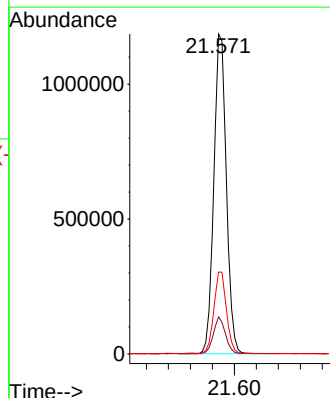
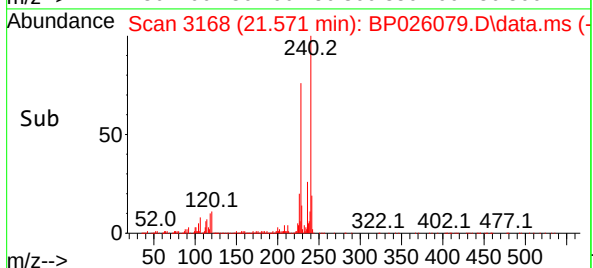
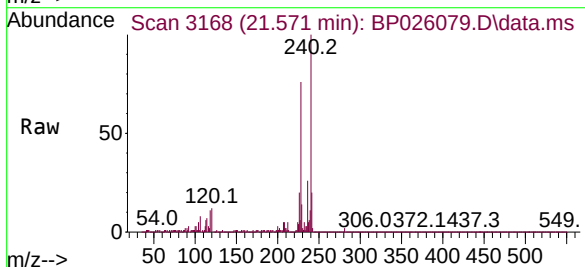
Manual Integrations
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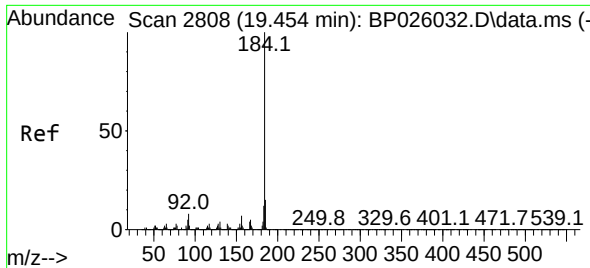
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

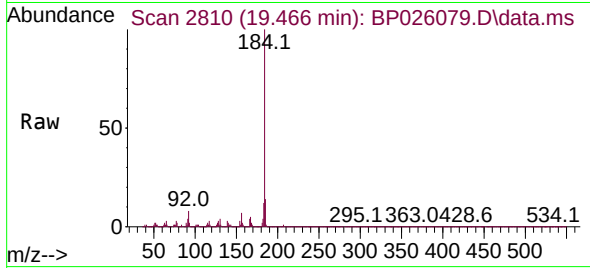
Tgt Ion:240 Resp: 1872003
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.6 20.6 31.0





#77
Benzidine
Concen: 40.760 ng
RT: 19.466 min Scan# 2810
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

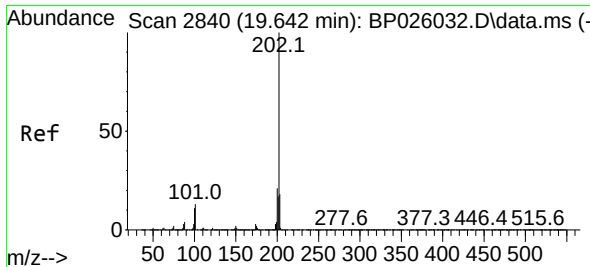
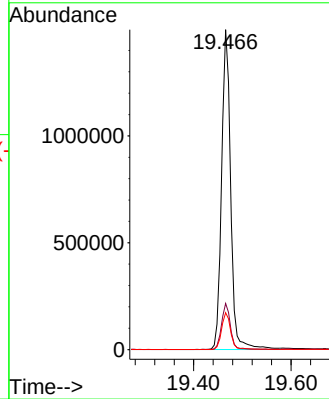
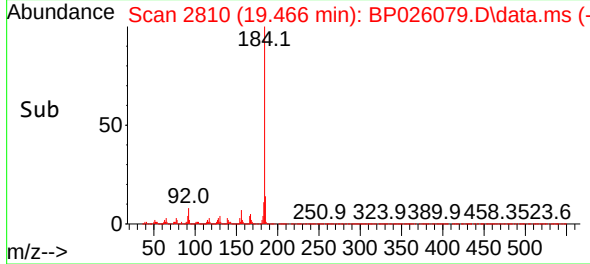
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



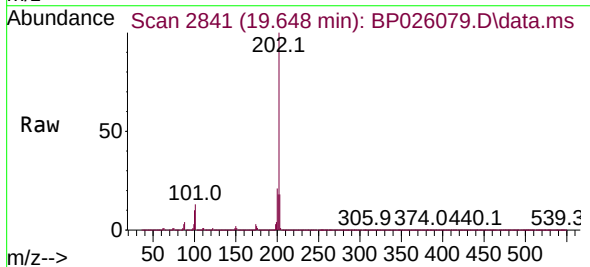
Tgt Ion:184 Resp: 1936772
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.5 9.2 13.8

Manual Integrations
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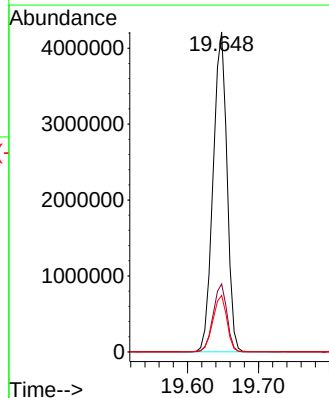
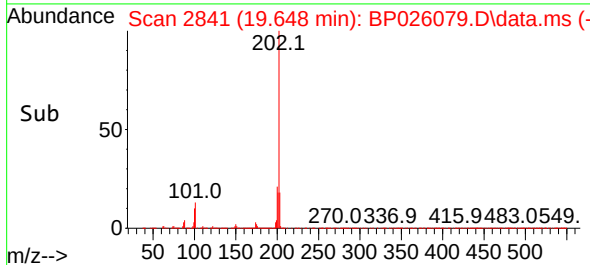
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

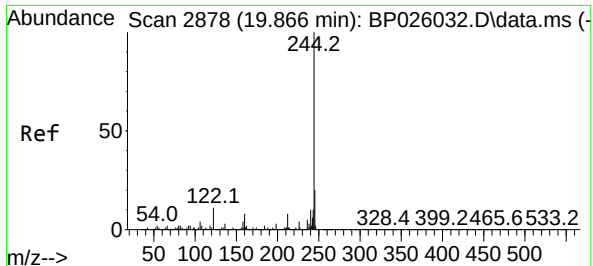


#78
Pyrene
Concen: 45.175 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35



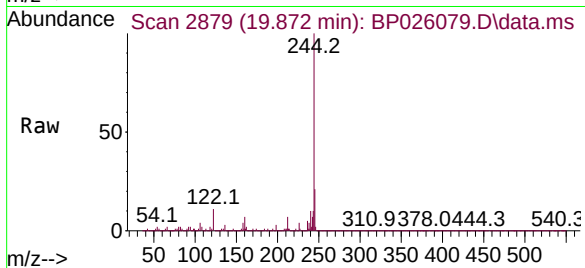
Tgt Ion:202 Resp: 5719749
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.6 14.0 21.0





#79
Terphenyl-d14
Concen: 84.960 ng
RT: 19.872 min Scan# 2878
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

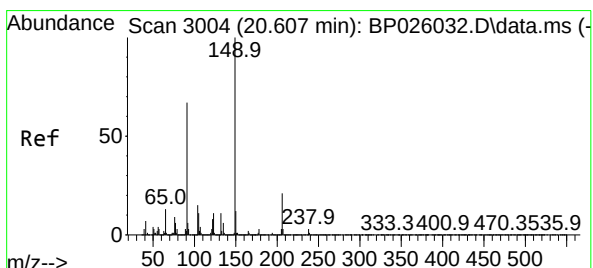
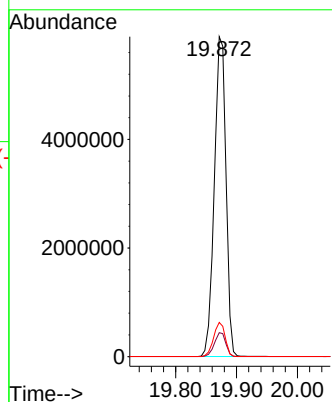
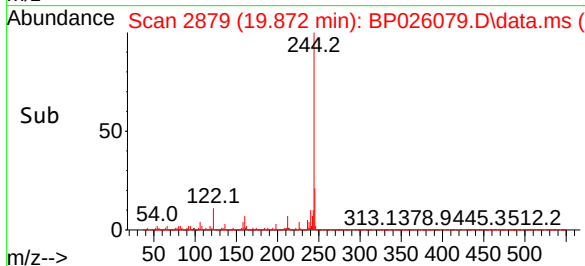
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:244 Resp: 7828262
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.7 9.0 13.6

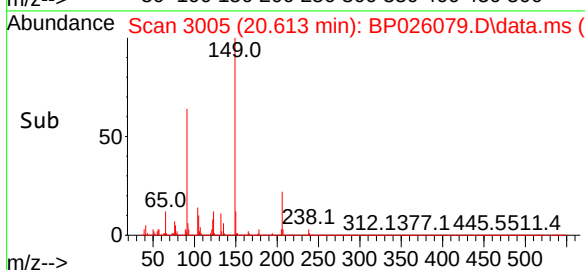
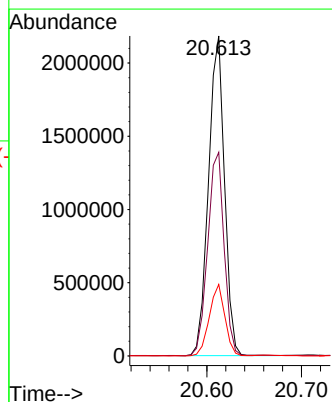
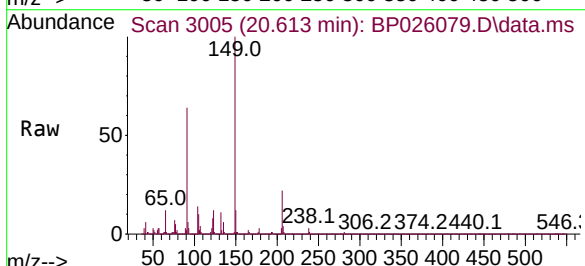
Manual Integrations
APPROVED

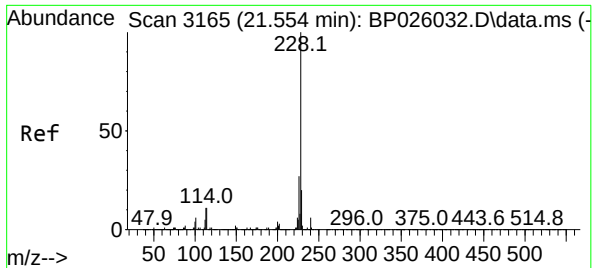
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#80
Butylbenzylphthalate
Concen: 53.934 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

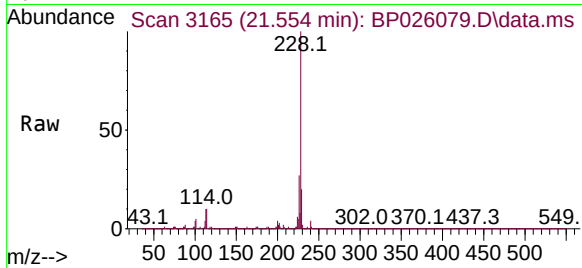
Tgt Ion:149 Resp: 2570878
Ion Ratio Lower Upper
149 100
91 63.6 53.5 80.3
206 22.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 43.509 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

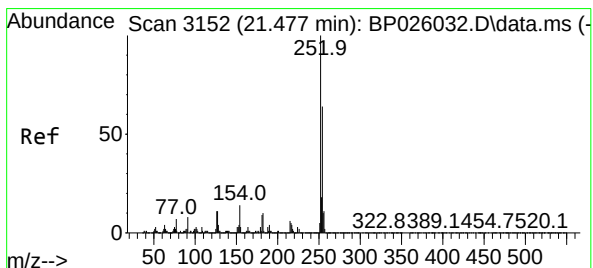
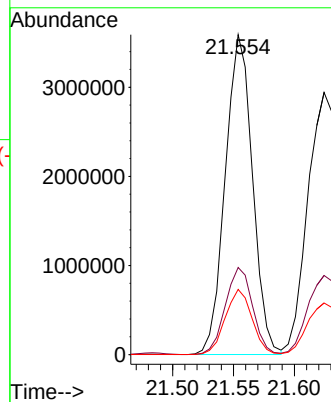
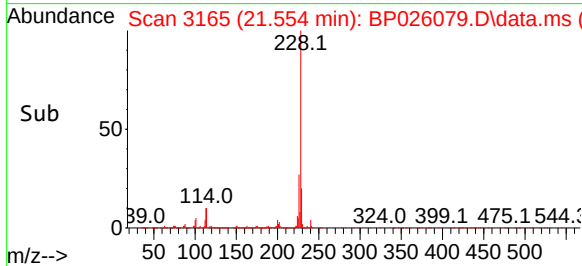
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:228 Resp: 5596910
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.4 15.8 23.8

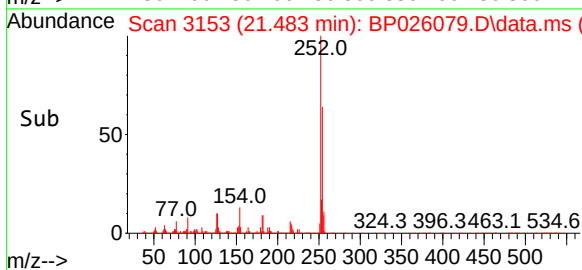
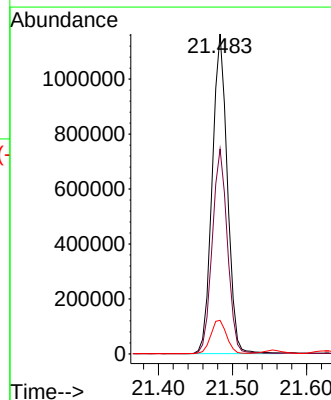
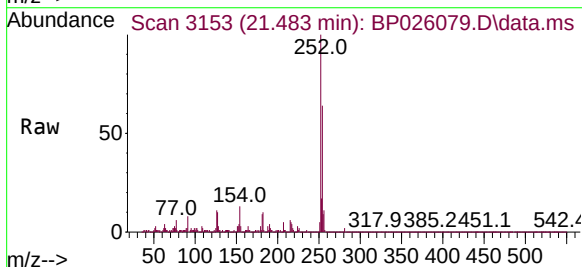
Manual Integrations
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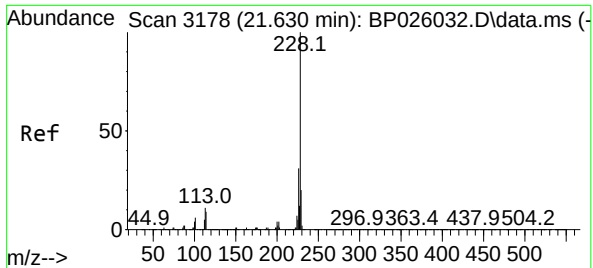
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 39.915 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion:252 Resp: 1654362
Ion Ratio Lower Upper
252 100
254 64.0 51.3 76.9
126 10.5 9.1 13.7





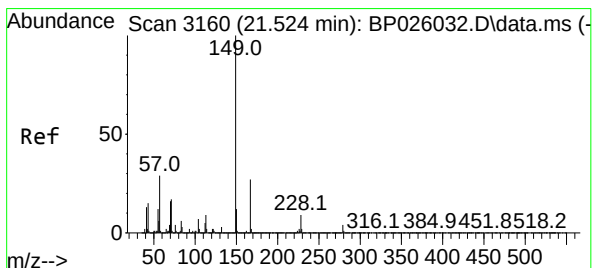
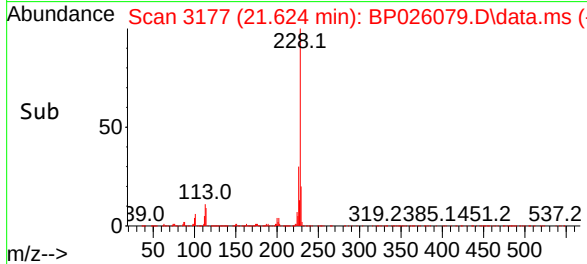
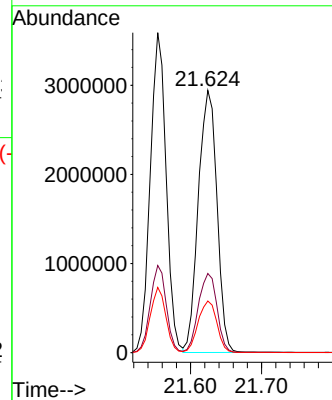
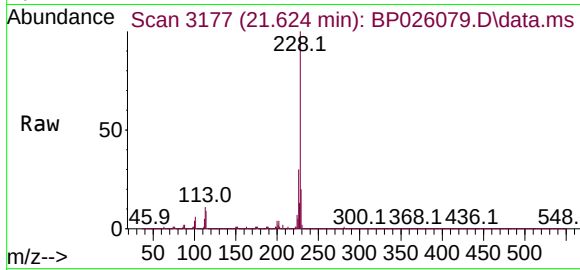
#83
Chrysene
Concen: 43.832 ng
RT: 21.624 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Tgt Ion:228 Resp: 5341240
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.7 16.0 24.0

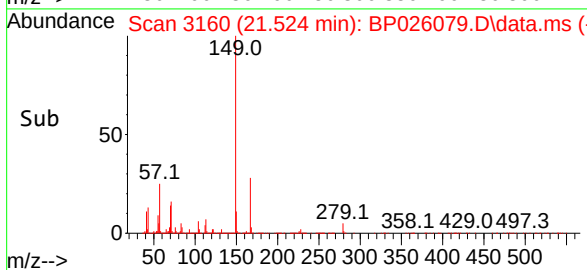
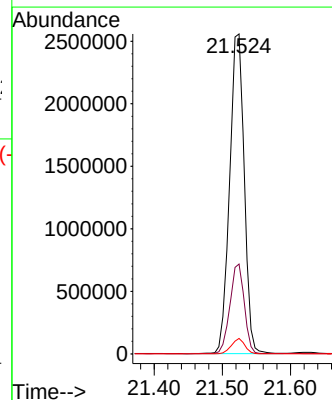
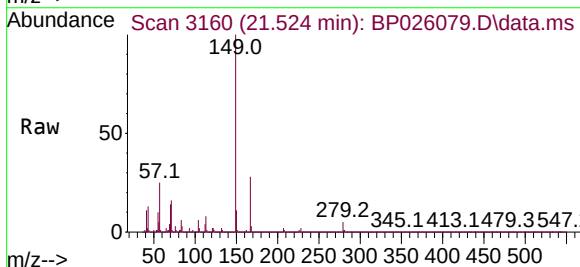
Manual Integrations
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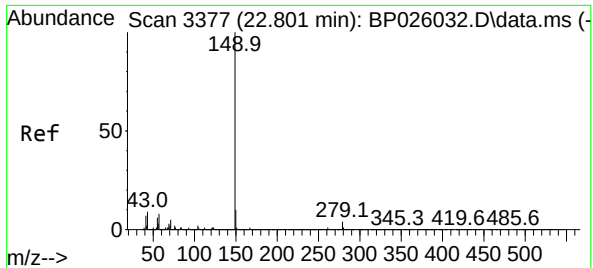
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.086 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

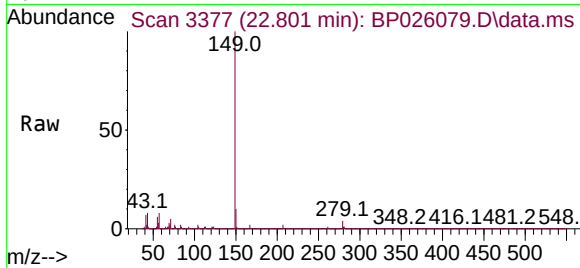
Tgt Ion:149 Resp: 3787769
Ion Ratio Lower Upper
149 100
167 28.1 21.5 32.3
279 4.8 3.0 4.6#





#85
Di-n-octyl phthalate
Concen: 59.290 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

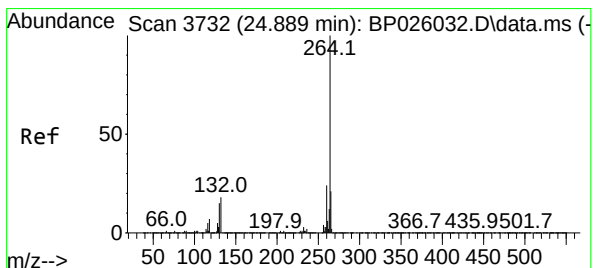
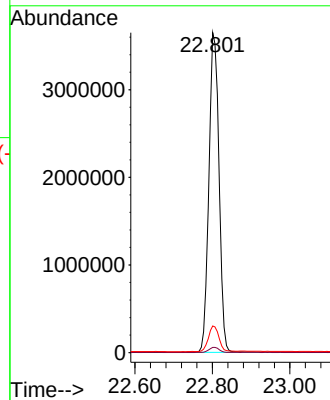
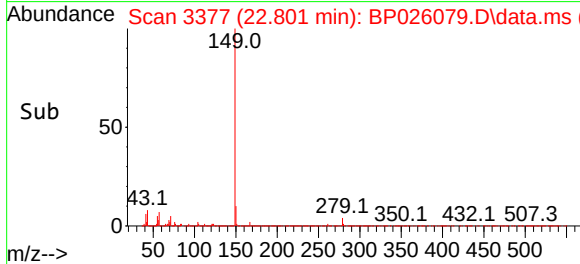
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion:149 Resp: 6607119
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.5 7.6 11.4

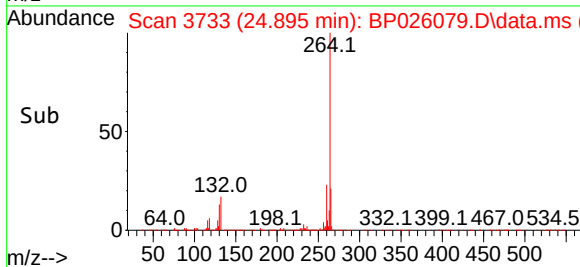
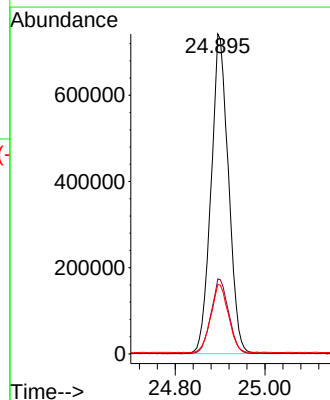
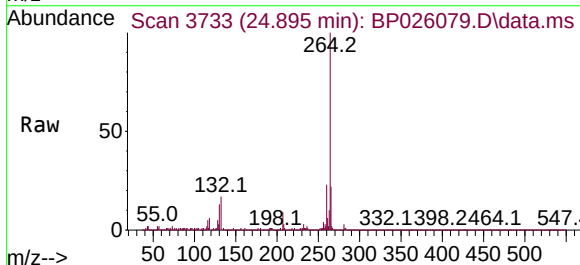
Manual Integrations
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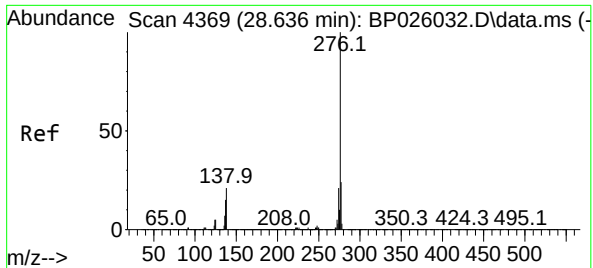
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion:264 Resp: 1998604
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.7 17.2 25.8





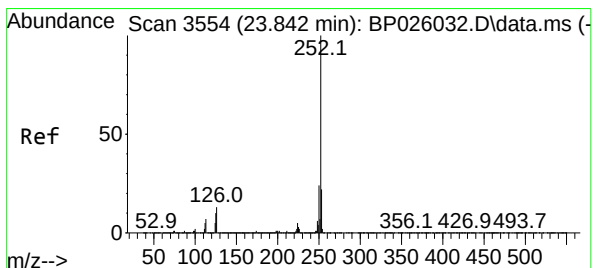
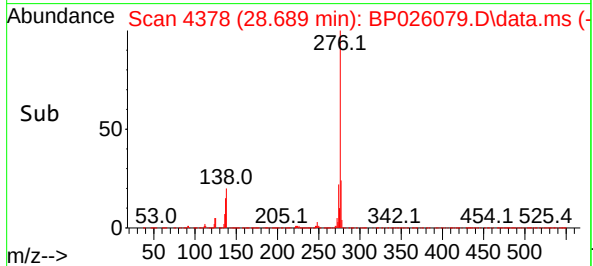
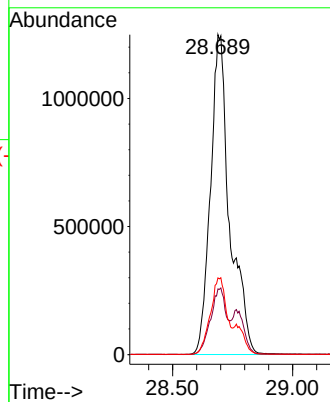
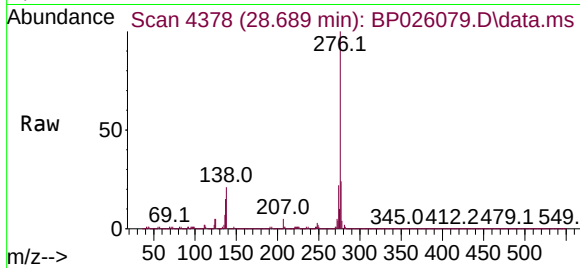
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.117 ng
RT: 28.689 min Scan# 4369
Delta R.T. 0.030 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Tgt Ion:276 Resp: 6952210
Ion Ratio Lower Upper
276 100
138 17.4 13.2 19.8
277 20.2 16.3 24.5

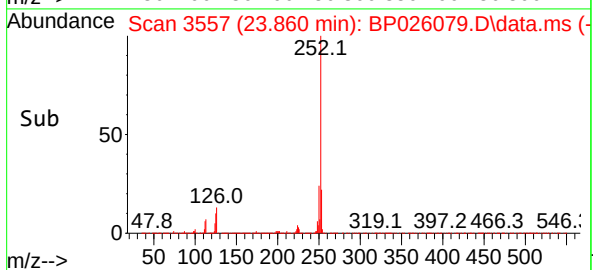
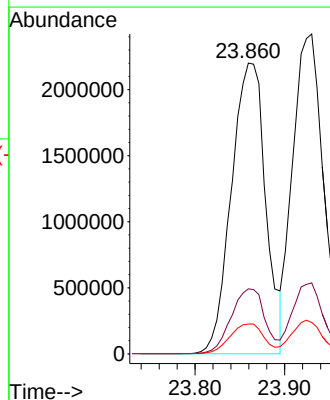
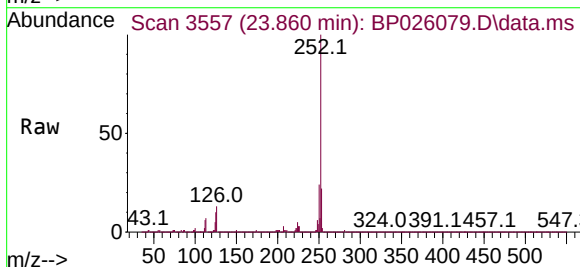
Manual Integrations
APPROVED

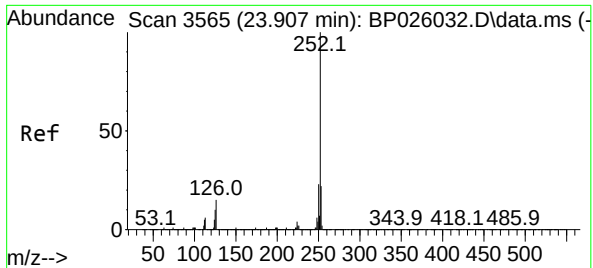
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#88
Benzo(b)fluoranthene
Concen: 47.122 ng
RT: 23.860 min Scan# 3557
Delta R.T. 0.012 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion:252 Resp: 5846575
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 45.161 ng

RT: 23.930 min Scan# 3569

Delta R.T. 0.006 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

Instrument :

BNA_P

ClientSampleId :

PB170424BSD

Tgt Ion:252 Resp: 5721823

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

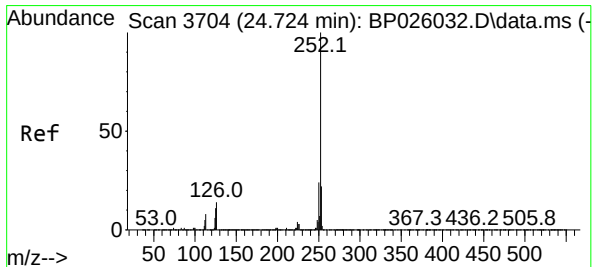
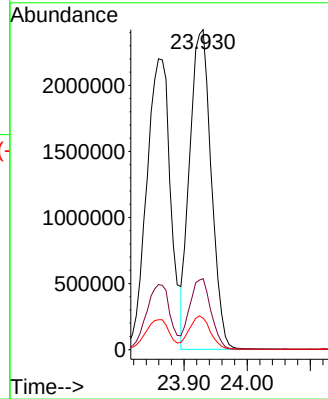
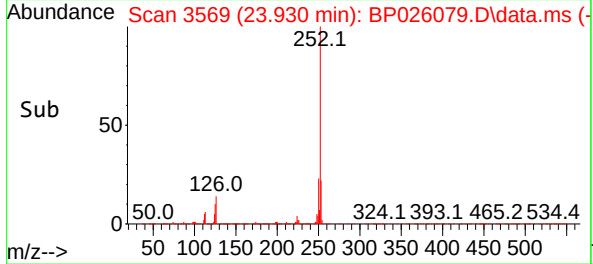
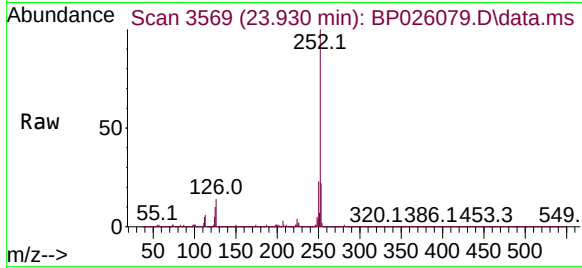
125 9.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#90

Benzo(a)pyrene

Concen: 48.170 ng

RT: 24.759 min Scan# 3710

Delta R.T. 0.018 min

Lab File: BP026079.D

Acq: 06 Nov 2025 15:35

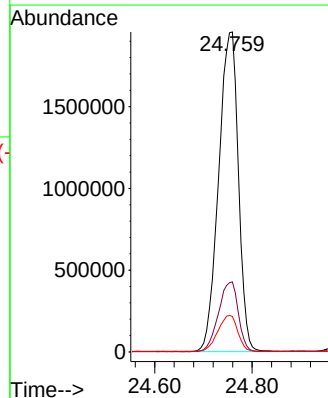
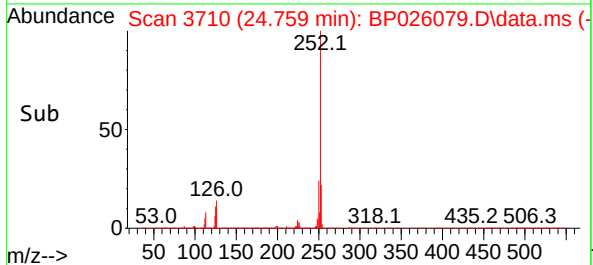
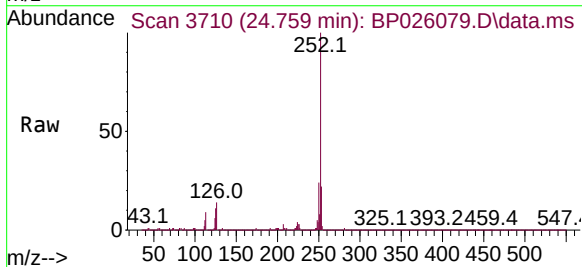
Tgt Ion:252 Resp: 5490590

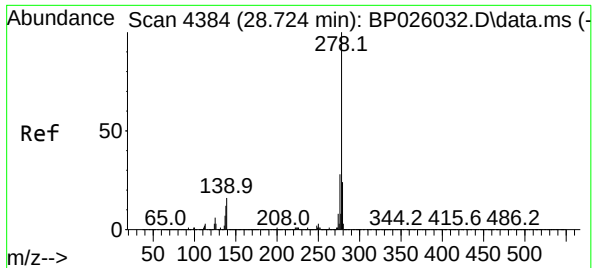
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

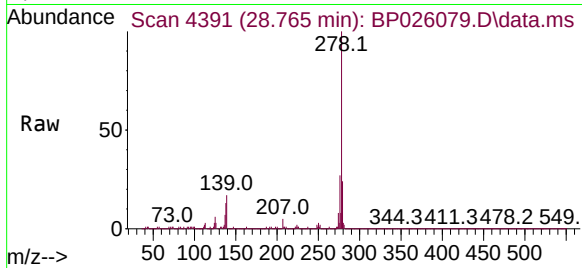
125 11.1 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 47.979 ng
RT: 28.765 min Scan# 4384
Delta R.T. 0.018 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

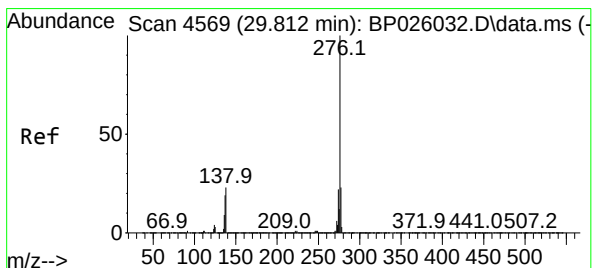
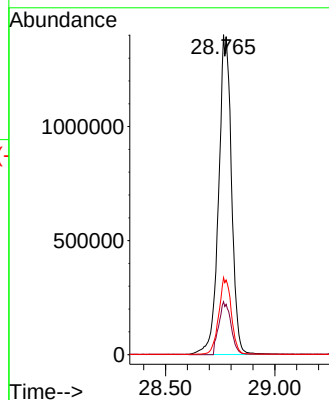
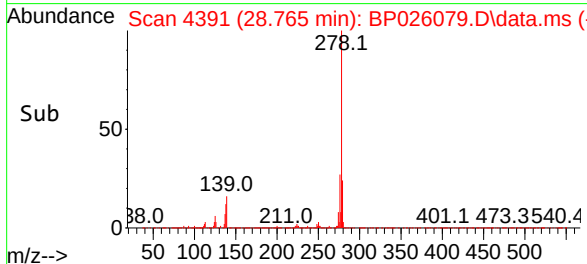
Instrument :
BNA_P
ClientSampleId :
PB170424BSD



Tgt Ion: 278 Resp: 5761092
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.6
279 24.1 18.9 28.3

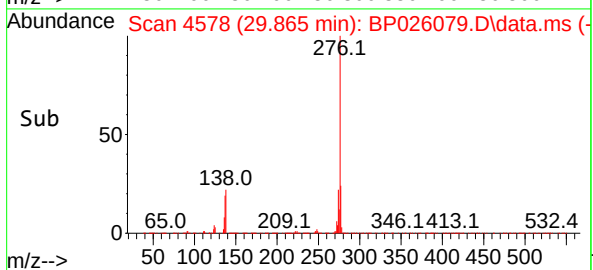
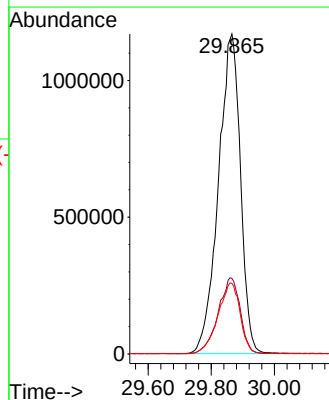
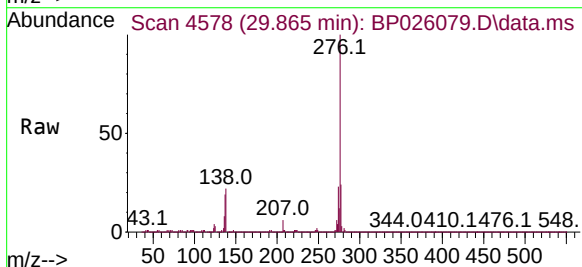
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#92
Benzo(g,h,i)perylene
Concen: 48.965 ng
RT: 29.865 min Scan# 4578
Delta R.T. 0.035 min
Lab File: BP026079.D
Acq: 06 Nov 2025 15:35

Tgt Ion: 276 Resp: 5657726
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 22.0 18.1 27.1



Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BF110625

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP110625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026076.D	Benzoic acid	rahul	11/7/2025 2:36:21 PM	Jagrut	11/10/2025 2:04:25 PM	Peak Integrated by Software
PB170424BS	BP026078.D	Indeno(1,2,3-cd)pyrene	rahul	11/7/2025 2:36:23 PM	Jagrut	11/10/2025 2:04:31 PM	Peak Integrated by Software
PB170424BSD	BP026079.D	Caprolactam	rahul	11/7/2025 2:36:26 PM	Jagrut	11/10/2025 2:04:36 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM
SubDirectory	BF110625	HP Acquire Method	BNA_P
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144179.D	06 Nov 2025 10:44	RC/JU	Ok
2	SSTDCCC040	BF144180.D	06 Nov 2025 11:13	RC/JU	Ok
3	PB170402BL	BF144181.D	06 Nov 2025 11:42	RC/JU	Ok
4	PB170402BS	BF144182.D	06 Nov 2025 12:12	RC/JU	Ok,M
5	Q3549-02	BF144183.D	06 Nov 2025 12:56	RC/JU	Ok
6	Q3537-01	BF144184.D	06 Nov 2025 13:26	RC/JU	Ok
7	Q3532-01	BF144185.D	06 Nov 2025 13:56	RC/JU	Ok
8	Q3532-05	BF144186.D	06 Nov 2025 14:25	RC/JU	Ok
9	Q3532-05MS	BF144187.D	06 Nov 2025 14:55	RC/JU	Ok,M
10	Q3532-05MSD	BF144188.D	06 Nov 2025 15:25	RC/JU	Ok,M
11	Q3541-01	BF144189.D	06 Nov 2025 15:54	RC/JU	Ok
12	Q3534-01	BF144190.D	06 Nov 2025 16:24	RC/JU	ReRun
13	Q3534-02	BF144191.D	06 Nov 2025 16:54	RC/JU	Ok,M
14	Q3534-05	BF144192.D	06 Nov 2025 17:24	RC/JU	Ok
15	Q3552-03	BF144193.D	06 Nov 2025 17:53	RC/JU	Ok
16	Q3552-05	BF144194.D	06 Nov 2025 18:23	RC/JU	Ok
17	Q3532-08	BF144195.D	06 Nov 2025 18:53	RC/JU	Ok
18	Q3544-04	BF144196.D	06 Nov 2025 19:23	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM
SubDirectory	BP102925	HP Acquire Method	BNA_P
		HP Processing Method	BP102925
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP110625

Review By	rahul	Review On	11/6/2025 3:53:26 PM
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:52 PM
SubDirectory	BP110625	HP Acquire Method	BNA_P
		HP Processing Method	BP102925
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026075.D	06 Nov 2025 12:44	RC/JU	Ok
2	SSTDCCC040	BP026076.D	06 Nov 2025 13:25	RC/JU	Ok,M
3	PB170424BL	BP026077.D	06 Nov 2025 14:13	RC/JU	Ok
4	PB170424BS	BP026078.D	06 Nov 2025 14:54	RC/JU	Ok,M
5	PB170424BSD	BP026079.D	06 Nov 2025 15:35	RC/JU	Ok,M
6	Q3534-09	BP026080.D	06 Nov 2025 17:04	RC/JU	Ok
7	Q3534-10	BP026081.D	06 Nov 2025 17:45	RC/JU	Ok
8	Q3534-03	BP026082.D	06 Nov 2025 18:26	RC/JU	Ok
9	Q3534-04	BP026083.D	06 Nov 2025 19:07	RC/JU	Ok
10	Q3534-06	BP026084.D	06 Nov 2025 19:48	RC/JU	Ok
11	Q3537-03	BP026085.D	06 Nov 2025 20:30	RC/JU	Ok
12	Q3552-01	BP026086.D	06 Nov 2025 21:11	RC/JU	Ok
13	Q3552-02	BP026087.D	06 Nov 2025 21:52	RC/JU	Ok
14	Q3552-04	BP026088.D	06 Nov 2025 22:33	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM
SubDirectory	BF110625	HP Acquire Method	BNA_P
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144179.D	06 Nov 2025 10:44		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144180.D	06 Nov 2025 11:13		RC/JU	Ok
3	PB170402BL	PB170402BL	BF144181.D	06 Nov 2025 11:42		RC/JU	Ok
4	PB170402BS	PB170402BS	BF144182.D	06 Nov 2025 12:12		RC/JU	Ok,M
5	Q3549-02	RT4922	BF144183.D	06 Nov 2025 12:56		RC/JU	Ok
6	Q3537-01	MW-17-SOIL	BF144184.D	06 Nov 2025 13:26		RC/JU	Ok
7	Q3532-01	TP-1	BF144185.D	06 Nov 2025 13:56		RC/JU	Ok
8	Q3532-05	TP-2	BF144186.D	06 Nov 2025 14:25		RC/JU	Ok
9	Q3532-05MS	TP-2MS	BF144187.D	06 Nov 2025 14:55		RC/JU	Ok,M
10	Q3532-05MSD	TP-2MSD	BF144188.D	06 Nov 2025 15:25		RC/JU	Ok,M
11	Q3541-01	N48969	BF144189.D	06 Nov 2025 15:54		RC/JU	Ok
12	Q3534-01	MW-6	BF144190.D	06 Nov 2025 16:24	Internal standard fail	RC/JU	ReRun
13	Q3534-02	MW-1	BF144191.D	06 Nov 2025 16:54		RC/JU	Ok,M
14	Q3534-05	MW-EB-1	BF144192.D	06 Nov 2025 17:24		RC/JU	Ok
15	Q3552-03	MW-9	BF144193.D	06 Nov 2025 17:53		RC/JU	Ok
16	Q3552-05	MW-3	BF144194.D	06 Nov 2025 18:23		RC/JU	Ok
17	Q3532-08	TP-2	BF144195.D	06 Nov 2025 18:53		RC/JU	Ok
18	Q3544-04	ONYX-1	BF144196.D	06 Nov 2025 19:23		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM		
SubDirectory	BF110625	HP Acquire Method	BNA_P	HP Processing Method	BF110525
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13181,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM
SubDirectory	BP102925	HP Acquire Method	BNA_P
		HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP110625

Review By	rahul	Review On	11/6/2025 3:53:26 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:52 PM		
SubDirectory	BP110625	HP Acquire Method	BNA_P	HP Processing Method	BP102925
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13181,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026075.D	06 Nov 2025 12:44		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026076.D	06 Nov 2025 13:25	CCC Fail high for Com#26,32,41,42,54,59,65,70 Need #85	RC/JU	Ok,M
3	PB170424BL	PB170424BL	BP026077.D	06 Nov 2025 14:13		RC/JU	Ok
4	PB170424BS	PB170424BS	BP026078.D	06 Nov 2025 14:54		RC/JU	Ok,M
5	PB170424BSD	PB170424BSD	BP026079.D	06 Nov 2025 15:35		RC/JU	Ok,M
6	Q3534-09	FB-1	BP026080.D	06 Nov 2025 17:04	Split volume (True value adjusted).	RC/JU	Ok
7	Q3534-10	EB-1	BP026081.D	06 Nov 2025 17:45	Split volume (True value adjusted).	RC/JU	Ok
8	Q3534-03	MW-11	BP026082.D	06 Nov 2025 18:26		RC/JU	Ok
9	Q3534-04	MW-5	BP026083.D	06 Nov 2025 19:07		RC/JU	Ok
10	Q3534-06	MW-EB-2	BP026084.D	06 Nov 2025 19:48		RC/JU	Ok
11	Q3537-03	MW-17-PURGE-WATE	BP026085.D	06 Nov 2025 20:30		RC/JU	Ok
12	Q3552-01	MW-4	BP026086.D	06 Nov 2025 21:11		RC/JU	Ok
13	Q3552-02	MW-8	BP026087.D	06 Nov 2025 21:52		RC/JU	Ok
14	Q3552-04	MW-10	BP026088.D	06 Nov 2025 22:33		RC/JU	Ok

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction SVOC-21		
Clean Up SOP #:	N/A	Extraction Start Date :	11/06/2025
Matrix :	Water	Extraction Start Time :	08:35
Wegh By:	N/A	Extraction By:	RS
Balance check:	N/A	Filter By:	RS
Balance ID:	N/A	pH Meter ID:	N/A
pH Strip Lot#:	E3953	Hood ID:	4,6,7
Extraction Method:	☒ Separatory Funnel	☐ Continous Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☐ Soxhlet
		Extraction End Date :	11/06/2025
		Extraction End Time :	13:35
		Concentration By:	EH
		Supervisor By :	RUPESH

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaOH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443. Q3534-09 & 10 split the volume.

KD Bath ID:	WATER BATH-1	Envap ID:	NE VAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (Ext-66)	JH/SVOR
13:40	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/06/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170424BL	SBLK424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170424BS	SLCS424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170424BSD	SLCSD424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3534-01	MW-6	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		4
Q3534-02	MW-1	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		5
Q3534-03	MW-11	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		6
Q3534-04	MW-5	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		7
Q3534-05	MW-EB-1	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	N		8
Q3534-06	MW-EB-2	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		9
Q3534-07	MW-EB-3	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	N		10
Q3534-09	FB-1	SVOC-TCL BNA -20	500	6	RUPESH	ritesh	0.5	G		11
Q3534-10	EB-1	SVOC-TCL BNA -20	500	6	RUPESH	ritesh	0.5	G		12
Q3537-03	MW-17-PURGE-WATER	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		13
Q3541-01	N48969	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		14
Q3552-01	MW-4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		15
Q3552-02	MW-8	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		16
Q3552-03	MW-9	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		SEP-1
Q3552-04	MW-10	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		2
Q3552-05	MW-3	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		3

170422-11-08

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3534

WorkList ID : 192932

Department : Extraction

Date : 11-06-2025 08:28:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-02	MW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-03	MW-11	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-04	MW-5	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3534-05	MW-EB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-06	MW-EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3534-07	MW-EB-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-09	FB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3534-10	EB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3537-03	MW-17-PURGE-WATER	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3541-01	N48969	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/04/2025	8270E
Q3552-01	MW-4	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/04/2025	8270E
Q3552-02	MW-8	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-03	MW-9	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-04	MW-10	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-05	MW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/05/2025	8270E
					REMI02	D41	11/04/2025	8270E

Date/Time 11/6/25 8:30
 Raw Sample Received by: RS (Ext Lab)
 Raw Sample Relinquished by: [Signature]

Date/Time 11/6/25 9:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RS (Ext Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:
 COMPANY: Remington Vernick Engineers
 ADDRESS: 2059 Springdale Road
 CITY: Cherry Hill STATE: NJ ZIP: 08003
 ATTENTION: Kyle Carison @ NE.com
 PHONE: 609-682-3049 FAX:

PROJECT NAME: Edison Landfill
 PROJECT NO.: 1205T007 LOCATION: Edison NJ
 PROJECT MANAGER: Leslie Hartzell
 e-mail: Leslie.Hartzell@NE.com
 PHONE: 610-663-4665 FAX:

BILL TO: APink@ONE.com PO#: 1205T007
 ADDRESS: 2059 Springdale Road
 CITY: Cherry Hill STATE: NJ ZIP: 08003
 ATTENTION: Leslie Hartzell PHONE: 610-663-4665

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
 HARDCOPY (DATA PACKAGE): STAT _____ DAYS*
 EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
 + Raw Data ☐ Other
☒ EDD FORMAT: NYS HAT

TEL: 610-663-4665
 2. VOCs
 3. TML/Heavy Metals
 4. Cyanide
 5. COD
 6. TKN
 7. Oil/Grease
 8. Hexachrome
 9.

PRESERVATIVES

COMMENTS

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE
COMP GRAB

SAMPLE
COLLECTION
DATE TIME

OF BOTTLES

E

A

B

D

C

C

C

F

1

2

3

4

5

6

7

8

9

← Specify Preservatives
 A-HCl D-NaOH
 B-HNO3 E-ICE
 C-H2SO4 F-OTHER

1.

MW-4

GW

P

11/4/25

13:40

15

7

2

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

2.

MW-8

GW

P

11/4/25

13:45

15

7

2

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

3.

MW-9

GW

P

11/4/25

16:00

15

7

2

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

4.

MW-10

GW

P

11/5/25

12:00

15

7

2

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

5.

MW-3

GW

P

11/4/25

16:15

15

7

2

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

6.

TB-1

GW

P

11/5/25

8:00

2

2

~~1~~

~~1~~

~~1~~

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~~1~~

~~1~~

~~1~~

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~~1~~

~~1~~

~~1~~

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~~1~~

~~1~~

7.

8.

9.

10.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

1. Anna Nayer

11/5/25 (13:30)

1.

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

3. JT

11.5.25

3.

Conditions of bottles or coolers at receipt:

☒ COMPLIANT

☐ NON COMPLIANT

☐ COOLER TEMP

3.8 + 0 = 3.8

Comments:

Page ____ of ____

CLIENT:

☐ Hand Delivered

☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3552	REMI02	Order Date : 11/5/2025 2:23:00 PM	Project Mgr :
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/5/2025 ~~12:00:00 AM~~ 2:45 PM	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order :	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3552-01	MW-4	Water	11/04/2025	13:40	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-02	MW-8	Water	11/04/2025	13:45	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-03	MW-9	Water	11/04/2025	16:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-04	MW-10	Water	11/05/2025	12:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-05	MW-3	Water	11/04/2025	16:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3552-06	TB	Water	11/05/2025	08:00	VOC-TCLVOA-10		8260-Low	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3552	REMI02	Order Date : 11/5/2025 2:23:00 PM	Project Mgr :
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/5/2025 ~~12:00:00 AM~~	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 2:45 PM	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

*Stored in VOA
FRZ # 04*

Relinquished By : *al*
Date / Time : 11/5/25 15/5

Received By : *Wm Duda*
Date / Time : 11/5/25 15:20

Storage Area : VOA Refridgerator Room