284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 is 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

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LAB CHRONICLE

OrderID:	Q1993	**OrderDate:**	5/9/2025 10:29:22 AM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non-MGP - East River M0SF 454453
Contact:	Stephen Liberatore	**Location:**	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1993-01	**MW-3-20250508**	**Water**			**05/08/25**			**05/09/25**
			SVOCMS Group1	8270E		05/12/25	05/13/25	
Q1993-04	**MW-3-20250508-A**	**Water**			**05/08/25**			**05/09/25**
			SVOCMS Group1	8270E		05/12/25	05/16/25	
Q1993-05	**MW-2-20250508**	**Water**			**05/08/25**			**05/09/25**
			SVOCMS Group1	8270E		05/12/25	05/16/25	
Q1993-06	**MW-1-20250508**	**Water**			**05/08/25**			**05/09/25**
			SVOCMS Group1	8270E		05/12/25	05/16/25	
Q1993-07	**MW-4-20250508**	**Water**			**05/08/25**			**05/09/25**
			SVOCMS Group1	8270E		05/12/25	05/16/25	
Q1993-08	**EB-20250508**	**Water**			**05/08/25**			**05/09/25**
			SVOCMS Group1	8270E		05/12/25	05/16/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-3-20250508									
Q1993-01	MW-3-20250508	WATER	Diethylphthalate		41.100		0.69	5	ug/L
Q1993-01	MW-3-20250508	WATER	Bis(2-ethylhexyl)phthalate		8.700		1.6	5	ug/L
			Total Svoc :				**49.80**		
Q1993-01	MW-3-20250508	WATER	n-Hexadecanoic acid	*	6.900	J	0	0	ug/L
Q1993-01	MW-3-20250508	WATER	Octadecanoic acid	*	3.600	J	0	0	ug/L
Q1993-01	MW-3-20250508	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.500	AB	0	0	ug/L
Q1993-01	MW-3-20250508	WATER	Benzophenone	*	3.000	J	0	0	ug/L
			Total Tics :				**17.00**		
			Total Concentration:				**66.80**		
Client ID : MW-3-20250508-A									
Q1993-04	MW-3-20250508-A	WATER	Diethylphthalate		26.800		0.7	5.1	ug/L
			Total Svoc :				**26.80**		
Q1993-04	MW-3-20250508-A	WATER	{[3-(ethylsulfanyl)propyl]sulfanyl	*	3.900	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	4-Methylheneicosane	*	2.900	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	8-Octadecenal	*	9.100	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	Carbonic acid, eicosyl vinyl ester	*	3.500	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	Dodecanoic acid	*	8.700	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	Dodecyl nonyl ether	*	4.100	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	Fumaric acid, 3,5-difluorophenyl i	*	9.500	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	n-Hexadecanoic acid	*	2.700	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	Nonadecane, 9-methyl-	*	18.000	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	Octadecanoic acid	*	4.600	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	Pentadecane, 8-hexyl-	*	20.000	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown17.810	*	2.700	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown17.857	*	2.500	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown17.875	*	2.700	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown18.322	*	21.400	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown18.427	*	16.700	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown18.463	*	69.700	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown20.004	*	22.000	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown20.221	*	6.800	J	0	0	ug/L
Q1993-04	MW-3-20250508-A	WATER	unknown22.274	*	81.200	J	0	0	ug/L
			Total Tics :				**312.70**		
			Total Concentration:				**339.50**		
Client ID : MW-2-20250508									
Q1993-05	MW-2-20250508	WATER	14-Pentadecenoic acid	*	3.100	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	1-Octanol, 5,7,7-trimethyl-2-(1,3,	*	2.700	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q1993-05	MW-2-20250508	WATER	1-Tetracosene	*	5.500	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.500	AB	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	Benzophenone	*	2.600	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	Dodecanoic acid	*	6.300	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	Hexacosyl trifluoroacetate	*	7.200	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	n-Hexadecanoic acid	*	9.100	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	Octadecanoic acid	*	3.600	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	Tetradecanoic acid	*	3.600	J	0	0	ug/L
Q1993-05	MW-2-20250508	WATER	unknown23.639	*	4.900	J	0	0	ug/L
			Total Tics :		**52.10**				
			Total Concentration:		**52.10**				
Client ID :	**MW-1-20250508**								
Q1993-06	MW-1-20250508	WATER	2,4,4,6-Tetramethyl-6-phenyl-1-he	*	25.100	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	2,4-Dimethylphenethyl alcohol	*	13.700	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	3-Phenylheptanoic acid	*	8.700	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	Benzene, (1-methoxyethyl)-	*	13.600	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	Benzenepropanoic acid, .beta.,.bet	*	200.000	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	Dodecanoic acid	*	10.600	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	Glycerol, 1-tert-butyl 2,3-bis(tri	*	8.700	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	Indole-3-carboxylic acid, 5-hydro:	*	28.500	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	n-Hexadecanoic acid	*	14.400	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	Pyrido[3,4-d]pyridazin-1(2H)-one	*	13.000	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown13.851	*	17.900	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown14.675	*	65.600	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown15.222	*	9.000	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown15.322	*	18.400	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown16.492	*	42.200	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown16.663	*	12.900	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown16.775	*	24.300	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown17.698	*	10.900	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown17.786	*	11.500	J	0	0	ug/L
Q1993-06	MW-1-20250508	WATER	unknown18.375	*	13.100	J	0	0	ug/L
			Total Tics :		**562.10**				
			Total Concentration:		**562.10**				
Client ID :	**MW-4-20250508**								
Q1993-07	MW-4-20250508	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.900	AB	0	0	ug/L
Q1993-07	MW-4-20250508	WATER	n-Hexadecanoic acid	*	3.300	J	0	0	ug/L
			Total Tics :		**7.20**				
			Total Concentration:		**7.20**				

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Hit Summary Sheet
SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**EB-20250508**							
Q1993-08	EB-20250508	WATER	2-Pentanone, 4-hydroxy-4-methyl *	3.800	AB	0	0	ug/L
			Total Tics :			**3.80**		
			Total Concentration:			**3.80**		



QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
PB167951BL	PB167951BL	2-Fluorophenol	150	126	84		10	139
		Phenol-d6	150	123	82		10	134
		Nitrobenzene-d5	100	86.0	86		49	133
		2-Fluorobiphenyl	100	74.5	75		52	132
		2,4,6-Tribromophenol	150	155	103		44	137
		Terphenyl-d14	100	72.8	73		48	125
PB167951BS	PB167951BS	2-Fluorophenol	150	119	80		10	139
		Phenol-d6	150	117	78		10	134
		Nitrobenzene-d5	100	81.6	82		49	133
		2-Fluorobiphenyl	100	71.6	72		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	79.3	79		48	125
Q1993-01	MW-3-20250508	2-Fluorophenol	150	58.4	39		10	139
		Phenol-d6	150	36.7	24		10	134
		Nitrobenzene-d5	100	84.2	84		49	133
		2-Fluorobiphenyl	100	72.1	72		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	70.2	70		48	125
Q1993-02MS	MW-3-20250508MS	2-Fluorophenol	150	63.8	43		10	139
		Phenol-d6	150	41.3	28		10	134
		Nitrobenzene-d5	100	85.9	86		49	133
		2-Fluorobiphenyl	100	76.0	76		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	68.2	68		48	125
Q1993-03MSD	MW-3-20250508MSD	2-Fluorophenol	150	67.2	45		10	139
		Phenol-d6	150	43.9	29		10	134
		Nitrobenzene-d5	100	90.4	90		49	133
		2-Fluorobiphenyl	100	78.7	79		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	73.5	74		48	125
Q1993-04	MW-3-20250508-A	2-Fluorophenol	150	70.3	47		10	139
		Phenol-d6	150	44.0	29		10	134
		Nitrobenzene-d5	100	85.4	85		49	133
		2-Fluorobiphenyl	100	80.6	81		52	132
		2,4,6-Tribromophenol	150	152	101		44	137
		Terphenyl-d14	100	79.4	79		48	125
Q1993-05	MW-2-20250508	2-Fluorophenol	150	69.0	46		10	139
		Phenol-d6	150	42.4	28		10	134
		Nitrobenzene-d5	100	87.5	88		49	133
		2-Fluorobiphenyl	100	84.0	84		52	132
		2,4,6-Tribromophenol	150	154	103		44	137
		Terphenyl-d14	100	82.5	82		48	125
Q1993-06	MW-1-20250508	2-Fluorophenol	150	72.4	48		10	139
		Phenol-d6	150	46.2	31		10	134
		Nitrobenzene-d5	100	86.1	86		49	133
		2-Fluorobiphenyl	100	84.2	84		52	132
		2,4,6-Tribromophenol	150	161	107		44	137
		Terphenyl-d14	100	82.9	83		48	125
Q1993-07	MW-4-20250508	2-Fluorophenol	150	74.8	50		10	139
		Phenol-d6	150	45.1	30		10	134
		Nitrobenzene-d5	100	89.1	89		49	133

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Surrogate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1993-07	MW-4-20250508	2-Fluorobiphenyl	100	85.2	85		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	84.0	84		48	125
Q1993-08	EB-20250508	2-Fluorophenol	150	72.8	49		10	139
		Phenol-d6	150	44.3	30		10	134
		Nitrobenzene-d5	100	91.2	91		49	133
		2-Fluorobiphenyl	100	87.9	88		52	132
		2,4,6-Tribromophenol	150	159	106		44	137
		Terphenyl-d14	100	92.6	93		48	125

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1993-02MS		**Client Sample ID: MW-3-20250508MS**						**DataFile: BF142388.D**			
Benzaldehyde	50	0	33.4	ug/L	67				10	137	
Phenol	50	0	17.3	ug/L	35				10	130	
bis(2-Chloroethyl)ether	50	0	34.1	ug/L	68				29	141	
2-Chlorophenol	50	0	37.9	ug/L	76				23	127	
2-Methylphenol	50	0	31.6	ug/L	63				60	131	
2,2-oxybis(1-Chloropropane)	50	0	38.8	ug/L	78				36	141	
Acetophenone	50	0	42.8	ug/L	86				31	164	
3+4-Methylphenols	50	0	28.4	ug/L	57				54	136	
N-Nitroso-di-n-propylamine	50	0	42.7	ug/L	85				36	147	
Hexachloroethane	50	0	33.9	ug/L	68				19	146	
Nitrobenzene	50	0	46.1	ug/L	92				62	112	
Isophorone	50	0	43.9	ug/L	88				39	146	
2-Nitrophenol	50	0	51.3	ug/L	103				30	148	
2,4-Dimethylphenol	50	0	40.9	ug/L	82				17	143	
bis(2-Chloroethoxy)methane	50	0	42.7	ug/L	85				39	143	
2,4-Dichlorophenol	50	0	44.9	ug/L	90				22	146	
Naphthalene	50	0	40.6	ug/L	81				17	157	
4-Chloroaniline	50	0	18.8	ug/L	38				10	95	
Hexachlorobutadiene	50	0	38.9	ug/L	78				52	125	
Caprolactam	50	0	8.70	ug/L	17				10	130	
4-Chloro-3-methylphenol	50	0	40.9	ug/L	82				17	148	
2-Methylnaphthalene	50	0	42.6	ug/L	85				38	146	
Hexachlorocyclopentadiene	100	0	84.3	ug/L	84				20	153	
2,4,6-Trichlorophenol	50	0	51.2	ug/L	102				78	112	
2,4,5-Trichlorophenol	50	0	46.6	ug/L	93				71	111	
1,1-Biphenyl	50	0	43.7	ug/L	87				38	154	
2-Chloronaphthalene	50	0	43.5	ug/L	87				41	145	
2-Nitroaniline	50	0	50.5	ug/L	101				39	151	
Dimethylphthalate	50	0	46.3	ug/L	93				42	147	
Acenaphthylene	50	0	43.4	ug/L	87				40	141	
2,6-Dinitrotoluene	50	0	54.9	ug/L	110				43	148	
3-Nitroaniline	50	0	25.9	ug/L	52				10	111	
Acenaphthene	50	0	48.1	ug/L	96				37	146	
2,4-Dinitrophenol	100	0	110	ug/L	110				14	167	
4-Nitrophenol	100	0	36.2	ug/L	36				10	130	
Dibenzofuran	50	0	43.1	ug/L	86				41	145	
2,4-Dinitrotoluene	50	0	55.9	ug/L	112				74	137	
Diethylphthalate	50	41.1	69.8	ug/L	57				41	148	
4-Chlorophenyl-phenylether	50	0	44.5	ug/L	89				38	149	
Fluorene	50	0	42.5	ug/L	85				39	144	
4-Nitroaniline	50	0	48.8	ug/L	98				27	138	
4,6-Dinitro-2-methylphenol	50	0	58.2	ug/L	116				32	175	
N-Nitrosodiphenylamine	50	0	48.0	ug/L	96				40	150	
4-Bromophenyl-phenylether	50	0	49.9	ug/L	100				42	151	
Hexachlorobenzene	50	0	49.7	ug/L	99				72	115	
Atrazine	50	0	45.2	ug/L	90				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	50	0	44.7	ug/L	89				40	147	
Anthracene	50	0	43.9	ug/L	88				41	146	
Carbazole	50	0	40.4	ug/L	81				37	154	
Di-n-butylphthalate	50	0	50.4	ug/L	101				40	151	
Fluoranthene	50	0	39.8	ug/L	80				42	146	
Pyrene	50	0	39.4	ug/L	79				41	149	
Butylbenzylphthalate	50	0	54.6	ug/L	109				39	155	
3,3-Dichlorobenzidine	50	0	41.2	ug/L	82				10	114	
Benzo(a)anthracene	50	0	46.2	ug/L	92				41	147	
Chrysene	50	0	45.6	ug/L	91				44	144	
bis(2-Ethylhexyl)phthalate	50	8.70	56.7	ug/L	96				33	160	
Di-n-octyl phthalate	50	0	55.5	ug/L	111				36	158	
Benzo(b)fluoranthene	50	0	46.4	ug/L	93				40	150	
Benzo(k)fluoranthene	50	0	46.4	ug/L	93				40	147	
Benzo(a)pyrene	50	0	48.8	ug/L	98				42	147	
Indeno(1,2,3-cd)pyrene	50	0	40.3	ug/L	81				30	166	
Dibenz(a,h)anthracene	50	0	39.9	ug/L	80				23	172	
Benzo(g,h,i)perylene	50	0	37.7	ug/L	75				27	167	
1,2,4,5-Tetrachlorobenzene	50	0	43.5	ug/L	87	*			89	102	
1,4-Dioxane	50	0	17.3	ug/L	35	*			38	130	
2,3,4,6-Tetrachlorophenol	50	0	48.6	ug/L	97				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1993-03MSD		**Client Sample ID: MW-3-20250508MSD**						**DataFile: BF142389.D**			
Benzaldehyde	50	0	35.6	ug/L	71		6		10	137	20
Phenol	50	0	18.2	ug/L	36		3		10	130	20
bis(2-Chloroethyl)ether	50	0	35.8	ug/L	72		6		29	141	20
2-Chlorophenol	50	0	39.7	ug/L	79		4		23	127	20
2-Methylphenol	50	0	34.1	ug/L	68		8		60	131	20
2,2-oxybis(1-Chloropropane)	50	0	40.9	ug/L	82		5		36	141	20
Acetophenone	50	0	45.0	ug/L	90		5		31	164	20
3+4-Methylphenols	50	0	30.0	ug/L	60		5		54	136	20
N-Nitroso-di-n-propylamine	50	0	45.8	ug/L	92		8		36	147	20
Hexachloroethane	50	0	36.3	ug/L	73		7		19	146	20
Nitrobenzene	50	0	48.4	ug/L	97		5		62	112	20
Isophorone	50	0	46.8	ug/L	94		7		39	146	20
2-Nitrophenol	50	0	55.7	ug/L	111		7		30	148	20
2,4-Dimethylphenol	50	0	43.3	ug/L	87		6		17	143	20
bis(2-Chloroethoxy)methane	50	0	45.9	ug/L	92		8		39	143	20
2,4-Dichlorophenol	50	0	47.9	ug/L	96		6		22	146	20
Naphthalene	50	0	43.3	ug/L	87		7		17	157	20
4-Chloroaniline	50	0	19.4	ug/L	39		3		10	95	20
Hexachlorobutadiene	50	0	41.6	ug/L	83		6		52	125	20
Caprolactam	50	0	9.60	ug/L	19		11		10	130	20
4-Chloro-3-methylphenol	50	0	43.6	ug/L	87		6		17	148	20
2-Methylnaphthalene	50	0	45.0	ug/L	90		6		38	146	20
Hexachlorocyclopentadiene	100	0	85.8	ug/L	86		2		20	153	20
2,4,6-Trichlorophenol	50	0	53.2	ug/L	106		4		78	112	20
2,4,5-Trichlorophenol	50	0	48.5	ug/L	97		4		71	111	20
1,1-Biphenyl	50	0	45.0	ug/L	90		3		38	154	20
2-Chloronaphthalene	50	0	45.0	ug/L	90		3		41	145	20
2-Nitroaniline	50	0	54.1	ug/L	108		7		39	151	20
Dimethylphthalate	50	0	48.3	ug/L	97		4		42	147	20
Acenaphthylene	50	0	45.0	ug/L	90		3		40	141	20
2,6-Dinitrotoluene	50	0	56.8	ug/L	114		4		43	148	20
3-Nitroaniline	50	0	25.9	ug/L	52		0		10	111	20
Acenaphthene	50	0	50.9	ug/L	102		6		37	146	20
2,4-Dinitrophenol	100	0	110	ug/L	110		0		14	167	20
4-Nitrophenol	100	0	37.9	ug/L	38		5		10	130	20
Dibenzofuran	50	0	44.7	ug/L	89		3		41	145	20
2,4-Dinitrotoluene	50	0	58.4	ug/L	117		4		74	137	20
Diethylphthalate	50	41.1	72.5	ug/L	63		10		41	148	20
4-Chlorophenyl-phenylether	50	0	46.2	ug/L	92		3		38	149	20
Fluorene	50	0	44.2	ug/L	88		3		39	144	20
4-Nitroaniline	50	0	51.9	ug/L	104		6		27	138	20
4,6-Dinitro-2-methylphenol	50	0	62.4	ug/L	125		7		32	175	20
N-Nitrosodiphenylamine	50	0	50.3	ug/L	101		5		40	150	20
4-Bromophenyl-phenylether	50	0	52.6	ug/L	105		5		42	151	20
Hexachlorobenzene	50	0	52.2	ug/L	104		5		72	115	20
Atrazine	50	0	49.0	ug/L	98		9		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110		0		52	162	20
Phenanthrene	50	0	46.9	ug/L	94		5		40	147	20
Anthracene	50	0	46.4	ug/L	93		6		41	146	20
Carbazole	50	0	42.9	ug/L	86		6		37	154	20
Di-n-butylphthalate	50	0	54.2	ug/L	108		7		40	151	20
Fluoranthene	50	0	42.6	ug/L	85		6		42	146	20
Pyrene	50	0	42.7	ug/L	85		7		41	149	20
Butylbenzylphthalate	50	0	58.8	ug/L	118		8		39	155	20
3,3-Dichlorobenzidine	50	0	42.8	ug/L	86		5		10	114	20
Benzo(a)anthracene	50	0	48.7	ug/L	97		5		41	147	20
Chrysene	50	0	48.5	ug/L	97		6		44	144	20
bis(2-Ethylhexyl)phthalate	50	8.70	60.9	ug/L	104		8		33	160	20
Di-n-octyl phthalate	50	0	57.3	ug/L	115		4		36	158	20
Benzo(b)fluoranthene	50	0	47.6	ug/L	95		2		40	150	20
Benzo(k)fluoranthene	50	0	48.5	ug/L	97		4		40	147	20
Benzo(a)pyrene	50	0	50.3	ug/L	101		3		42	147	20
Indeno(1,2,3-cd)pyrene	50	0	40.8	ug/L	82		1		30	166	20
Dibenz(a,h)anthracene	50	0	40.4	ug/L	81		1		23	172	20
Benzo(g,h,i)perylene	50	0	37.8	ug/L	76		1		27	167	20
1,2,4,5-Tetrachlorobenzene	50	0	44.9	ug/L	90		3		89	102	20
1,4-Dioxane	50	0	18.2	ug/L	36	*	3		38	130	20
2,3,4,6-Tetrachlorophenol	50	0	50.9	ug/L	102		5		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E **DataFile:** BF142386.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167951BS	Benzaldehyde	50	39.2	ug/L	78				10	162	
	Phenol	50	44.5	ug/L	89				66	118	
	bis(2-Chloroethyl)ether	50	34.7	ug/L	69				62	103	
	2-Chlorophenol	50	44.6	ug/L	89				70	117	
	2-Methylphenol	50	43.0	ug/L	86				69	109	
	2,2-oxybis(1-Chloropropane)	50	38.8	ug/L	78				65	100	
	Acetophenone	50	41.2	ug/L	82				60	104	
	3+4-Methylphenols	50	42.8	ug/L	86				67	106	
	N-Nitroso-di-n-propylamine	50	41.2	ug/L	82				57	107	
	Hexachloroethane	50	42.3	ug/L	85				76	118	
	Nitrobenzene	50	44.9	ug/L	90				58	106	
	Isophorone	50	42.0	ug/L	84				61	102	
	2-Nitrophenol	50	50.6	ug/L	101				70	115	
	2,4-Dimethylphenol	50	44.4	ug/L	89				42	142	
	bis(2-Chloroethoxy)methane	50	41.0	ug/L	82				58	109	
	2,4-Dichlorophenol	50	46.6	ug/L	93				66	115	
	Naphthalene	50	41.8	ug/L	84				64	107	
	4-Chloroaniline	50	8.80	ug/L	18				10	85	
	Hexachlorobutadiene	50	43.7	ug/L	87				69	101	
	Caprolactam	50	51.4	ug/L	103				58	128	
	4-Chloro-3-methylphenol	50	47.5	ug/L	95				65	114	
	2-Methylnaphthalene	50	42.2	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100	90.2	ug/L	90				36	160	
	2,4,6-Trichlorophenol	50	47.6	ug/L	95				61	110	
	2,4,5-Trichlorophenol	50	47.2	ug/L	94				70	106	
	1,1-Biphenyl	50	41.1	ug/L	82				72	98	
	2-Chloronaphthalene	50	41.2	ug/L	82				59	106	
	2-Nitroaniline	50	50.4	ug/L	101				73	114	
	Dimethylphthalate	50	44.5	ug/L	89				64	103	
	Acenaphthylene	50	42.0	ug/L	84				79	103	
	2,6-Dinitrotoluene	50	53.5	ug/L	107				64	110	
	3-Nitroaniline	50	26.9	ug/L	54				28	100	
	Acenaphthene	50	47.1	ug/L	94				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	
	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	41.5	ug/L	83				65	106	
	2,4-Dinitrotoluene	50	57.7	ug/L	115				60	115	
	Diethylphthalate	50	44.2	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50	42.6	ug/L	85				61	104	
	Fluorene	50	41.7	ug/L	83				64	107	
	4-Nitroaniline	50	58.5	ug/L	117				55	125	
	4,6-Dinitro-2-methylphenol	50	55.9	ug/L	112				62	132	
	N-Nitrosodiphenylamine	50	42.0	ug/L	84				61	109	
	4-Bromophenyl-phenylether	50	43.6	ug/L	87				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E **DataFile:** BF142386.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167951BS	Hexachlorobenzene	50	44.1	ug/L	88				73	106	
	Atrazine	50	49.0	ug/L	98				76	120	
	Pentachlorophenol	100	110	ug/L	110				47	114	
	Phenanthrene	50	42.0	ug/L	84				62	109	
	Anthracene	50	41.4	ug/L	83				65	110	
	Carbazole	50	42.1	ug/L	84				62	106	
	Di-n-butylphthalate	50	45.7	ug/L	91				64	106	
	Fluoranthene	50	41.5	ug/L	83				64	110	
	Pyrene	50	46.2	ug/L	92				71	103	
	Butylbenzylphthalate	50	48.2	ug/L	96				61	105	
	3,3-Dichlorobenzidine	50	38.3	ug/L	77				43	108	
	Benzo(a)anthracene	50	43.7	ug/L	87				62	107	
	Chrysene	50	43.5	ug/L	87				61	108	
	bis(2-Ethylhexyl)phthalate	50	48.0	ug/L	96				59	110	
	Di-n-octyl phthalate	50	49.2	ug/L	98				52	139	
	Benzo(b)fluoranthene	50	43.2	ug/L	86				77	113	
	Benzo(k)fluoranthene	50	43.6	ug/L	87				77	105	
	Benzo(a)pyrene	50	46.1	ug/L	92				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.6	ug/L	91				72	105	
	Dibenz(a,h)anthracene	50	45.4	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	44.4	ug/L	89				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.4	ug/L	83				72	101	
	1,4-Dioxane	50	31.9	ug/L	64				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.6	ug/L	101				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167951BL

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG NO.: Q1993

Lab File ID: BF142385.D Lab Sample ID: PB167951BL

Instrument ID: BNA_F Date Extracted: 05/12/2025

Matrix: (soil/water) Water Date Analyzed: 05/15/2025

Level: (low/med) LOW Time Analyzed: 10:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167951BS	PB167951BS	BF142386.D	05/15/2025
MW-3-20250508MS	Q1993-02MS	BF142388.D	05/15/2025
MW-3-20250508MSD	Q1993-03MSD	BF142389.D	05/15/2025
MW-3-20250508-A	Q1993-04	BP024657.D	05/16/2025
MW-2-20250508	Q1993-05	BP024658.D	05/16/2025
MW-1-20250508	Q1993-06	BP024659.D	05/16/2025
MW-4-20250508	Q1993-07	BP024660.D	05/16/2025
EB-20250508	Q1993-08	BP024661.D	05/16/2025
MW-3-20250508	Q1993-01	BF142340.D	05/13/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q1993 SDG NO.: Q1993

Lab File ID: BF142294.D DFTPP Injection Date: 05/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 13:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	25.8
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	34.9
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
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
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
SSTDICC2.5	SSTDICC2.5	BF142295.D	05/05/2025	13:54
SSTDICC005	SSTDICC005	BF142296.D	05/05/2025	14:23
SSTDICC010	SSTDICC010	BF142297.D	05/05/2025	14:52
SSTDICC020	SSTDICC020	BF142298.D	05/05/2025	15:21
SSTDICCC040	SSTDICCC040	BF142299.D	05/05/2025	15:50
SSTDICC050	SSTDICC050	BF142300.D	05/05/2025	16:18
SSTDICC060	SSTDICC060	BF142301.D	05/05/2025	16:47
SSTDICC080	SSTDICC080	BF142302.D	05/05/2025	17:15

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q1993 SDG NO.: Q1993

Lab File ID: BF142335.D DFTPP Injection Date: 05/13/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.4
68	Less than 2.0% of mass 69	0.4 (1.9) 1
69	Mass 69 relative abundance	21.1
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	10.0 - 80.0% of mass 198	28.5
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	4.4
275	10.0 - 60.0% of mass 198	20.7
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BF142336.D	05/13/2025	10:49
MW-3-20250508	Q1993-01	BF142340.D	05/13/2025	12:47

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q1993 SDG NO.: Q1993

Lab File ID: BF142383.D DFTPP Injection Date: 05/15/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.9
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	26.6
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	36
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.4
275	10.0 - 60.0% of mass 198	23.5
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BF142384.D	05/15/2025	10:08
PB167951BL	PB167951BL	BF142385.D	05/15/2025	10:37
PB167951BS	PB167951BS	BF142386.D	05/15/2025	11:06
MW-3-20250508MS	Q1993-02MS	BF142388.D	05/15/2025	12:18
MW-3-20250508MSD	Q1993-03MSD	BF142389.D	05/15/2025	12:47

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q1993 SDG NO.: Q1993

Lab File ID: BP024613.D DFTPP Injection Date: 05/13/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.8
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BP024614.D	05/13/2025	10:41
SSTDICC005	SSTDICC005	BP024615.D	05/13/2025	11:22
SSTDICC010	SSTDICC010	BP024616.D	05/13/2025	12:03
SSTDICC020	SSTDICC020	BP024617.D	05/13/2025	12:43
SSTDICCC040	SSTDICCC040	BP024618.D	05/13/2025	13:24
SSTDICC050	SSTDICC050	BP024619.D	05/13/2025	14:05
SSTDICC060	SSTDICC060	BP024620.D	05/13/2025	14:45
SSTDICC080	SSTDICC080	BP024621.D	05/13/2025	15:26

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q1993 SDG NO.: Q1993

Lab File ID: BP024650.D DFTPP Injection Date: 05/16/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	38.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4
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	19.2 (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
SSTDCCC040	SSTDCCC040	BP024651.D	05/16/2025	10:49
MW-3-20250508-A	Q1993-04	BP024657.D	05/16/2025	14:55
MW-2-20250508	Q1993-05	BP024658.D	05/16/2025	15:36
MW-1-20250508	Q1993-06	BP024659.D	05/16/2025	16:17
MW-4-20250508	Q1993-07	BP024660.D	05/16/2025	16:58
EB-20250508	Q1993-08	BP024661.D	05/16/2025	17:39

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG NO.: Q1993

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/13/2025

Lab File ID: BF142336.D Time Analyzed: 10:49

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	199243	6.904	783419	8.19	422251	9.95
	UPPER LIMIT	398486	7.404	1566840	8.687	844502	10.445
	LOWER LIMIT	99621.5	6.404	391710	7.687	211126	9.445
	EPA SAMPLE NO.						
01	MW-3-20250508	220712	6.90	842702	8.19	448798	9.94

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG NO.: Q1993

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/13/2025

Lab File ID: BF142336.D Time Analyzed: 10:49

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	732764	11.433	429049	14.074	422358	15.563
	UPPER LIMIT	1465530	11.933	858098	14.574	844716	16.063
	LOWER LIMIT	366382	10.933	214525	13.574	211179	15.063
	EPA SAMPLE NO.						
01	MW-3-20250508	733306	11.43	419257	14.07	445497	15.56

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG NO.: Q1993

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/15/2025

Lab File ID: BF142384.D Time Analyzed: 10:08

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	167469	6.904	652293	8.19	352544	9.95
	UPPER LIMIT	334938	7.404	1304590	8.686	705088	10.445
	LOWER LIMIT	83734.5	6.404	326147	7.686	176272	9.445
	EPA SAMPLE NO.						
01	MW-3-20250508MS	172758	6.90	661579	8.19	349080	9.94
02	MW-3-20250508MSD	172657	6.90	662026	8.19	357440	9.94
03	PB167951BL	182996	6.90	716318	8.18	391073	9.94
04	PB167951BS	183759	6.90	709461	8.19	390383	9.94

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG NO.: Q1993

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/15/2025

Lab File ID: BF142384.D Time Analyzed: 10:08

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	609842	11.427	307770	14.068	334801	15.556
	UPPER LIMIT	1219680	11.927	615540	14.568	669602	16.056
	LOWER LIMIT	304921	10.927	153885	13.568	167401	15.056
	EPA SAMPLE NO.						
01	MW-3-20250508MS	537648	11.43	310239	14.07	367976	15.56
02	MW-3-20250508MSD	546787	11.43	314221	14.07	374057	15.56
03	PB167951BL	726822	11.42	497782	14.06	375900	15.55
04	PB167951BS	683655	11.43	358537	14.07	373046	15.56

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG NO.: Q1993

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BP024651.D Time Analyzed: 10:49

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	118329	7.657	478267	10.43	294926	14.29
	UPPER LIMIT	236658	8.157	956534	10.928	589852	14.792
	LOWER LIMIT	59164.5	7.157	239134	9.928	147463	13.792
	EPA SAMPLE NO.						
01	MW-3-20250508-A	139534	7.66	567590	10.43	368139	14.30
02	MW-2-20250508	139709	7.66	573216	10.43	378521	14.29
03	MW-1-20250508	149432	7.66	637785	10.43	420480	14.29
04	MW-4-20250508	125391	7.66	504701	10.43	321435	14.30
05	EB-20250508	131811	7.66	533983	10.43	349924	14.29

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG NO.: Q1993

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BP024651.D Time Analyzed: 10:49

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	598372	17.092	737536	21.521	900629	24.809
	UPPER LIMIT	1196740	17.592	1475070	22.021	1801260	25.309
	LOWER LIMIT	299186	16.592	368768	21.021	450315	24.309
	EPA SAMPLE NO.						
01	MW-3-20250508-A	690338	17.10	838925	21.53	1069520	24.82
02	MW-2-20250508	740473	17.09	884322	21.52	1071970	24.80
03	MW-1-20250508	840783	17.09	896643	21.53	1065210	24.81
04	MW-4-20250508	636219	17.09	759775	21.52	942289	24.81
05	EB-20250508	715145	17.09	845865	21.52	1027170	24.81

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

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* Values outside of QC limits.



SAMPLE DATA

Raw Data: **BF142340.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142340.D	1	05/12/25 08:40	05/13/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

Raw Data: **BF142340.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142340.D	1	05/12/25 08:40	05/13/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	41.1		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.70		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

Raw Data: **BF142340.D**

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142340.D	1	05/12/25 08:40	05/13/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	58.4		10 - 139	39%	SPK: 150
13127-88-3	Phenol-d6	36.7		10 - 134	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.2		49 - 133	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.1		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	70.2		48 - 125	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	221000	6.904			
1146-65-2	Naphthalene-d8	843000	8.186			
15067-26-2	Acenaphthene-d10	449000	9.939			
1517-22-2	Phenanthrene-d10	733000	11.427			
1719-03-5	Chrysene-d12	419000	14.068			
1520-96-3	Perylene-d12	445000	15.556			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.50	AB		5.12	ug/L
000119-61-9	Benzophenone	3.00	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	6.90	J		12.0	ug/L
000057-11-4	Octadecanoic acid	3.60	J		12.7	ug/L

Raw Data: **BF142340.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142340.D	1	05/12/25 08:40	05/13/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Sample Results: **BF142340.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Quant Time: May 13 13:18:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

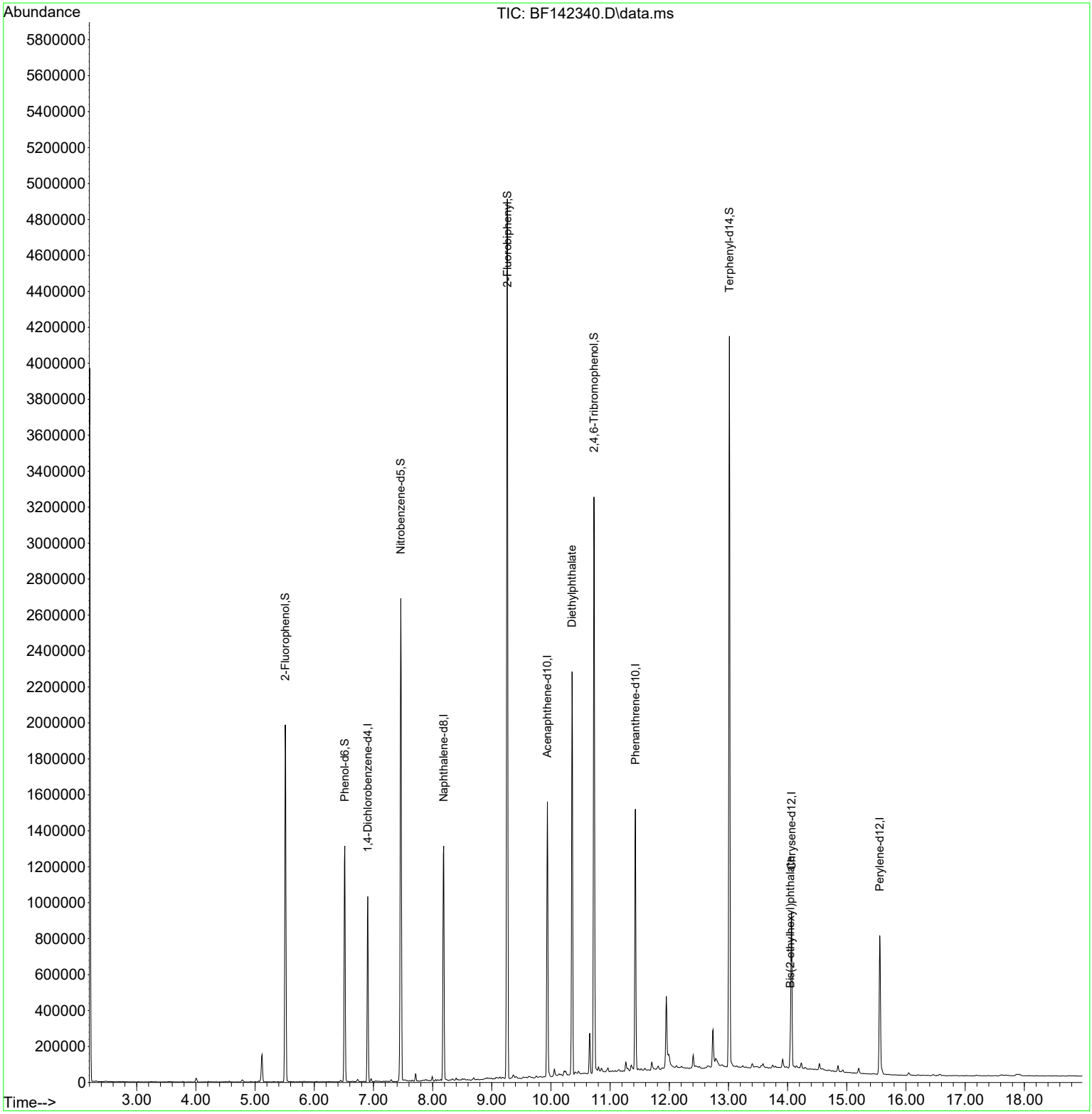
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	220712	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	842702	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	448798	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	733306	20.000	ng	0.00
76) Chrysene-d12	14.068	240	419257	20.000	ng	0.00
86) Perylene-d12	15.556	264	445497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	755637	58.444	ng	0.00
7) Phenol-d6	6.516	99	583361	36.685	ng	0.00
23) Nitrobenzene-d5	7.463	82	1163375	84.195	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	615166	141.970	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2269378	72.100	ng	0.00
79) Terphenyl-d14	13.015	244	1989033	70.219	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	10.357	149	1182460	41.086	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	69922	8.732	ng	100

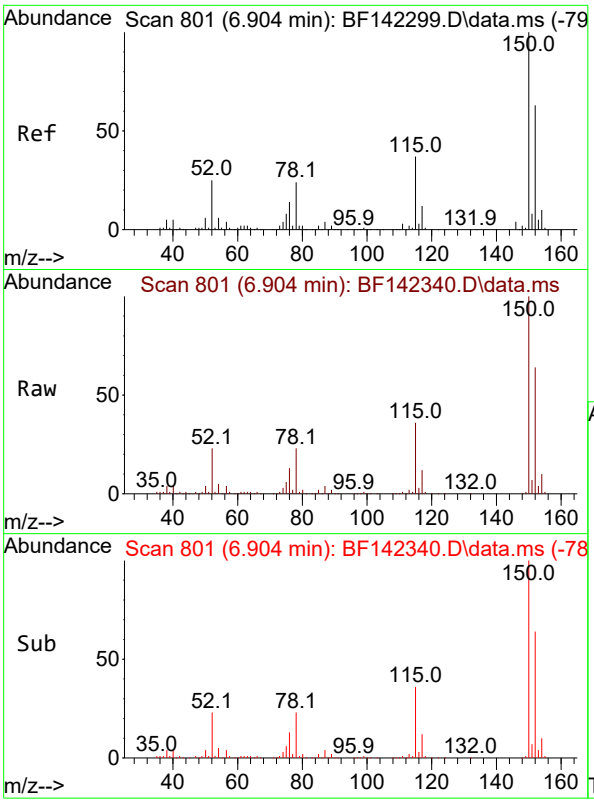
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Quant Time: May 13 13:18:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



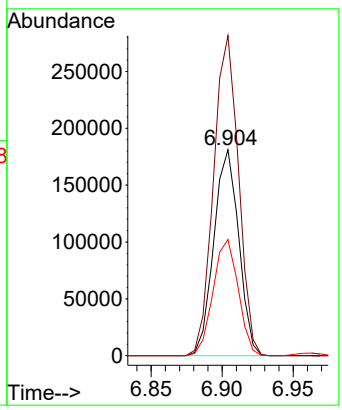


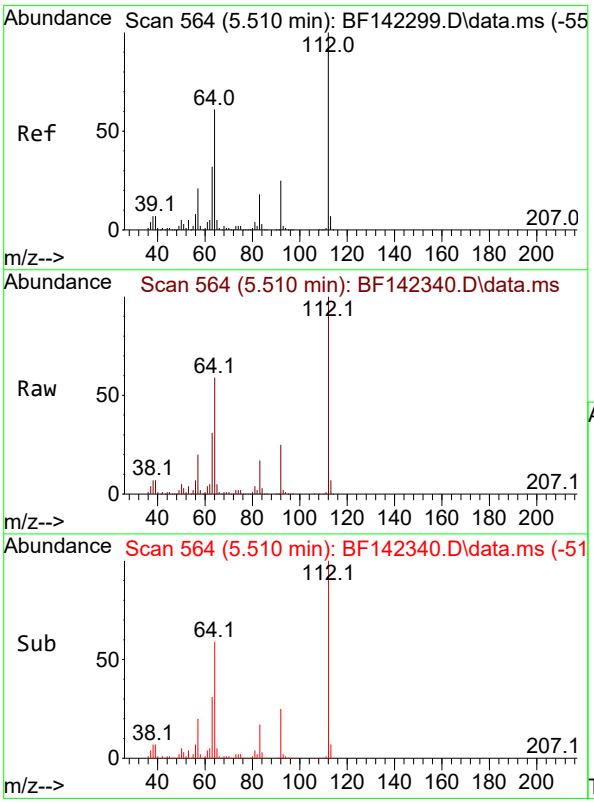
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion:152 Resp: 220712

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	190.0
115	56.4	47.3	70.9

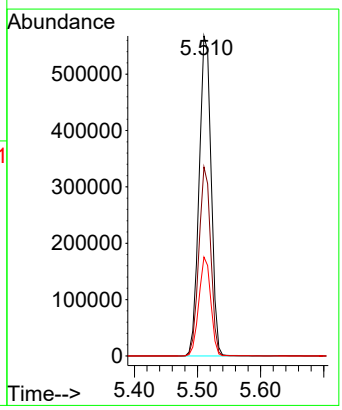


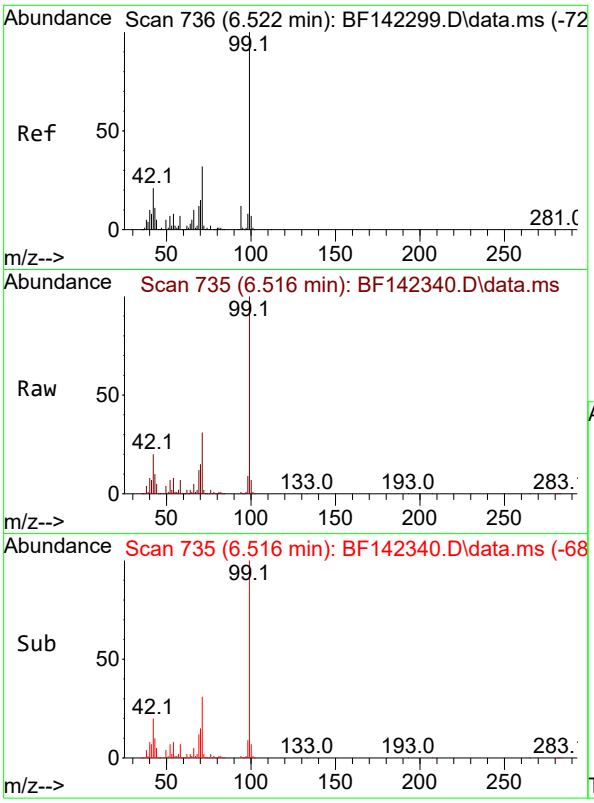


#5
2-Fluorophenol
Concen: 58.444 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:112 Resp: 755637

Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.9	73.3
63	30.9	25.6	38.4



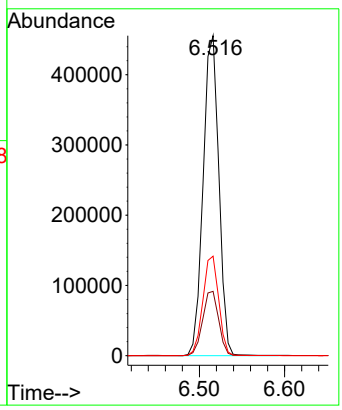


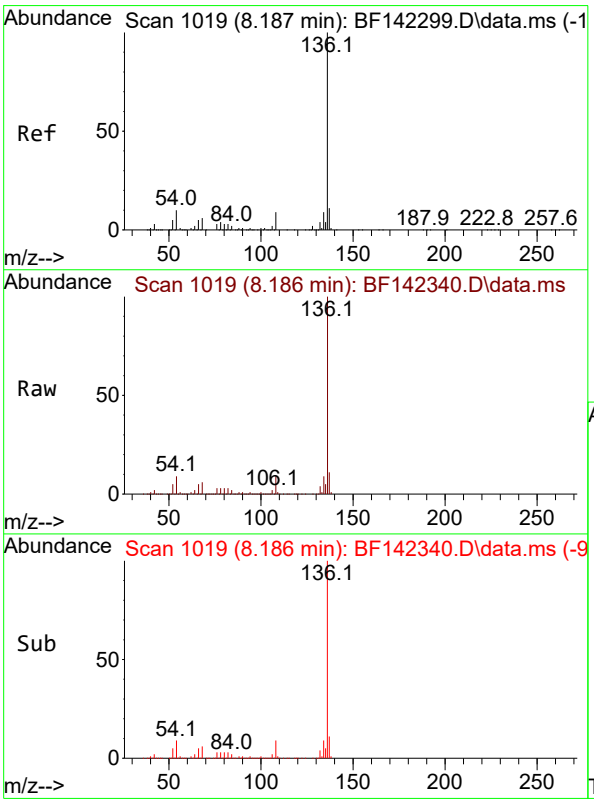
#7
Phenol-d6
Concen: 36.685 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion: 99 Resp: 583361

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.4
71	31.1	25.8	38.8

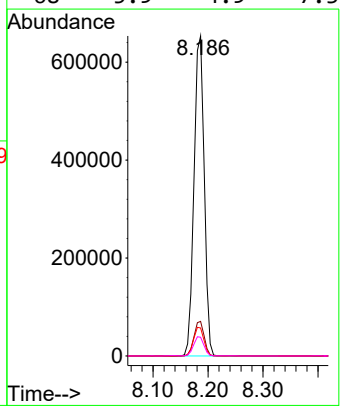


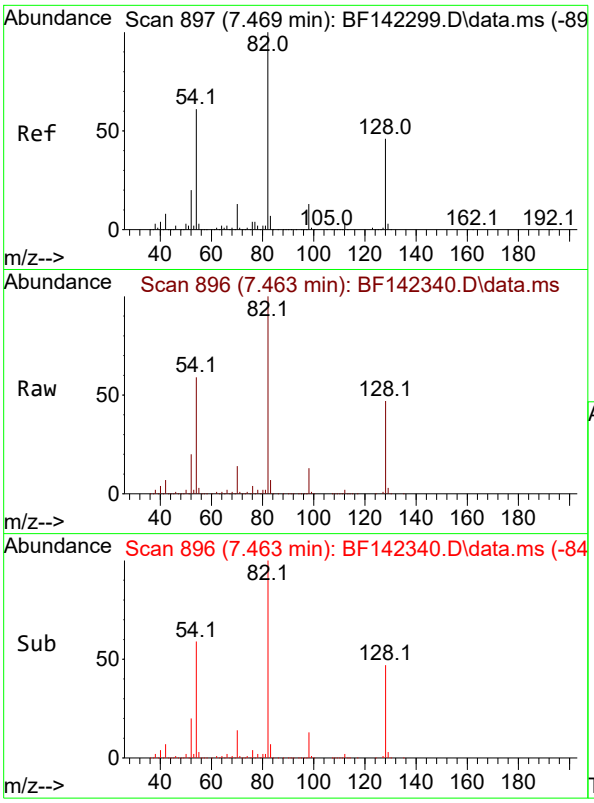


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:136 Resp: 842702

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	7.7	11.5
68	5.9	4.9	7.3



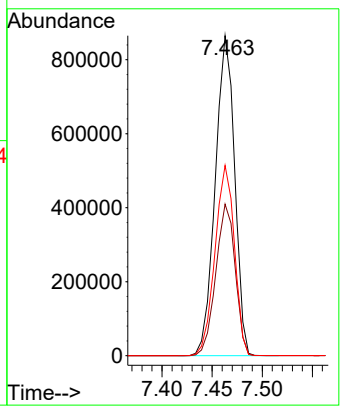


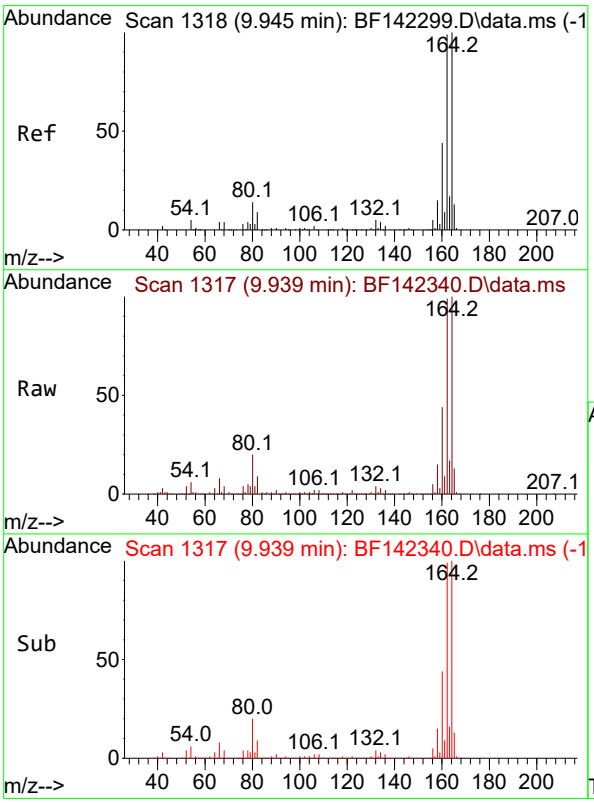
#23
Nitrobenzene-d5
Concen: 84.195 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion: 82 Resp: 1163375

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.6
54	59.4	48.6	73.0

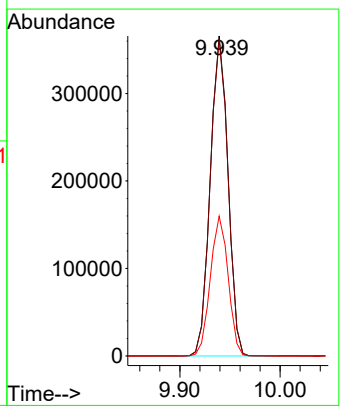


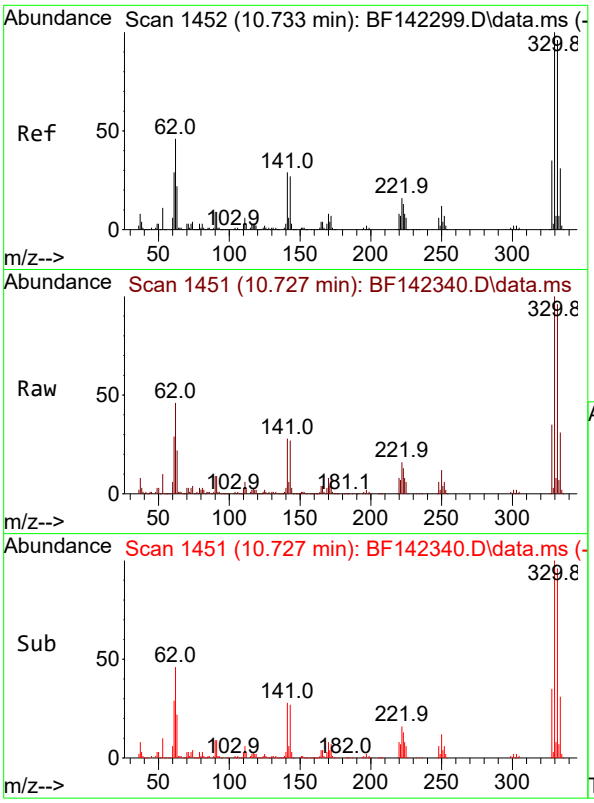


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:164 Resp: 448798

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	43.7	35.3	52.9



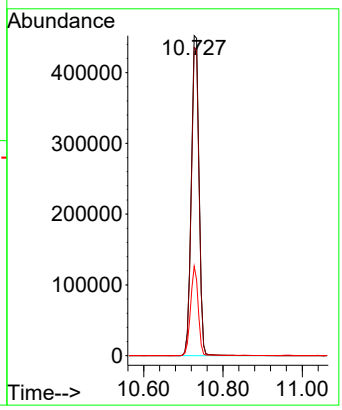


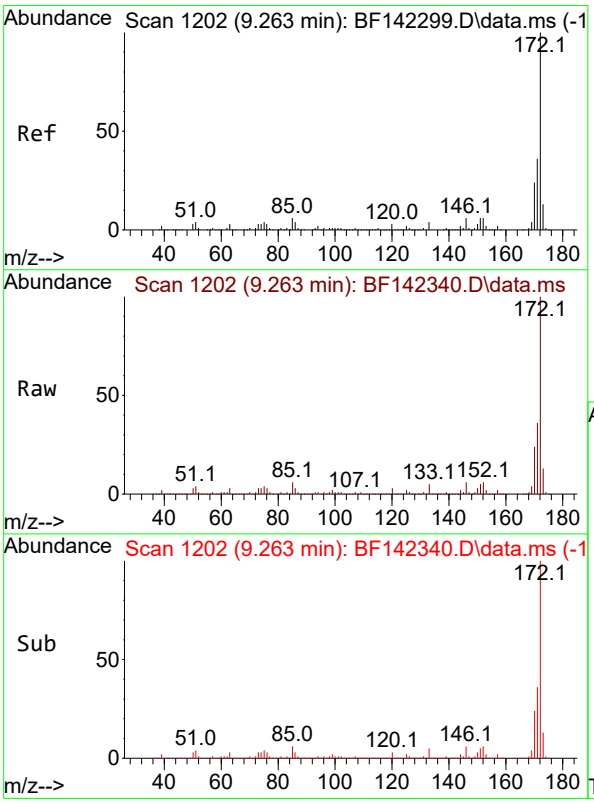
#42
2,4,6-Tribromophenol
Concen: 141.970 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion:330 Resp: 615166

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	27.7	24.9	37.3

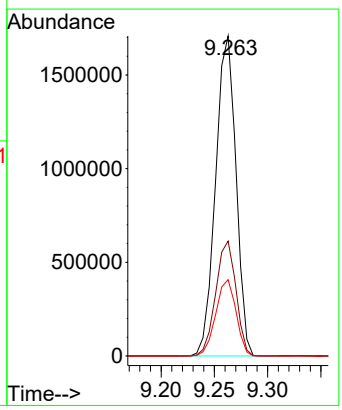


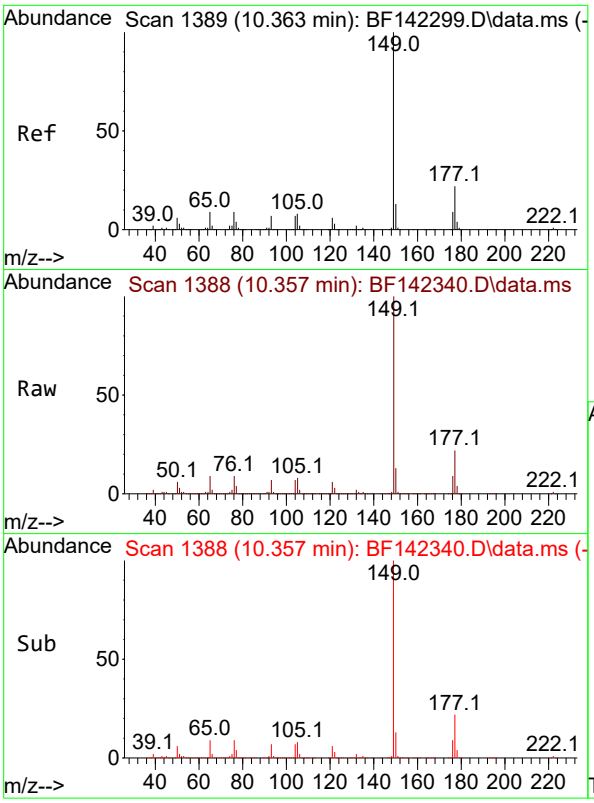


#45
2-Fluorobiphenyl
Concen: 72.100 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:172 Resp: 2269378

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.9	19.0	28.4



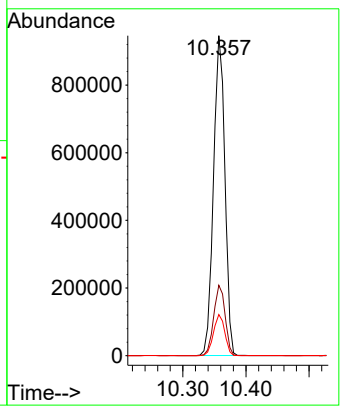


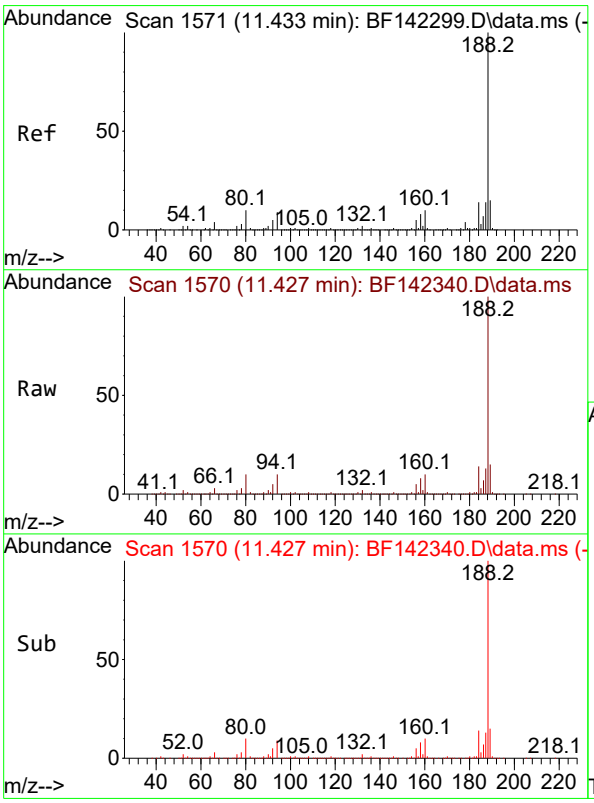
#60
Diethylphthalate
Concen: 41.086 ng
RT: 10.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion:149 Resp: 1182460

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.9	10.1	15.1

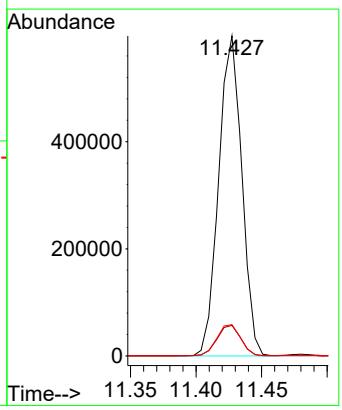


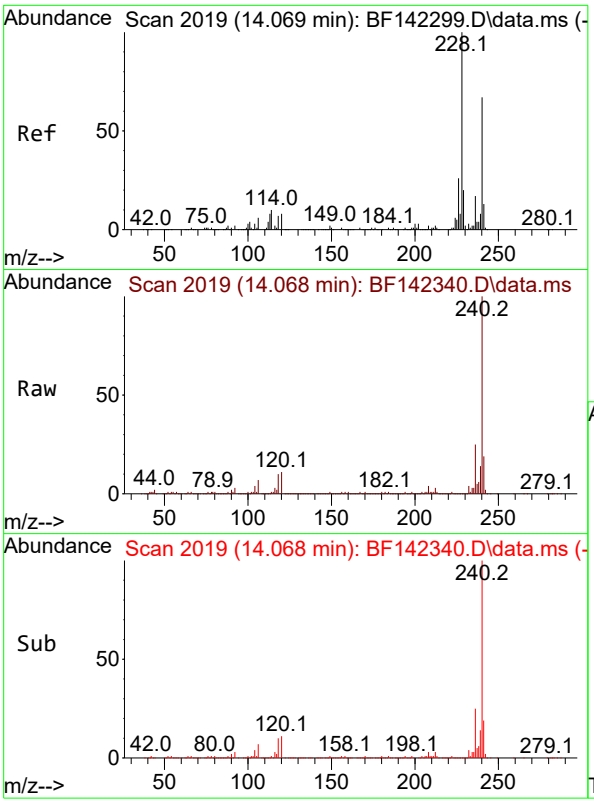


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:188 Resp: 733306

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	9.8	7.9	11.9



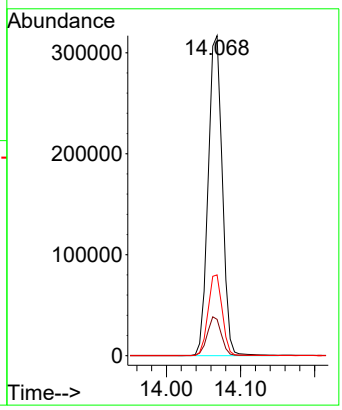


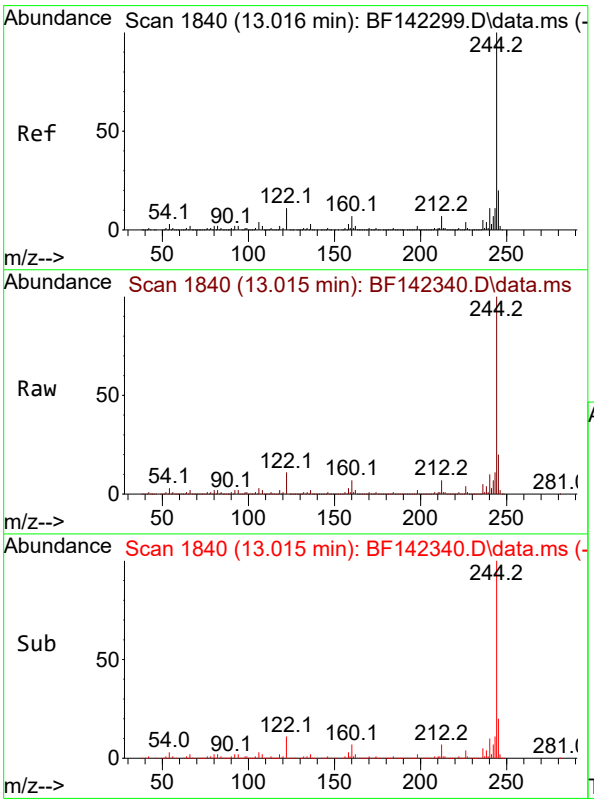
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion:240 Resp: 419257

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.7	14.5
236	25.3	20.0	30.0

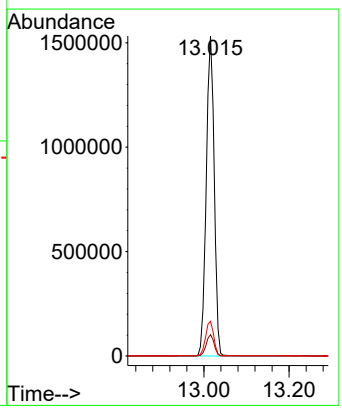


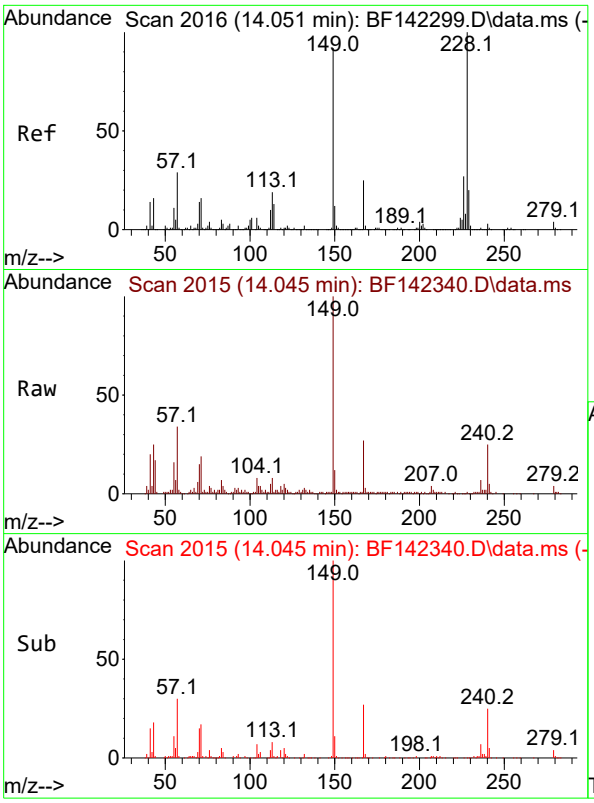


#79
Terphenyl-d14
Concen: 70.219 ng
RT: 13.015 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:244 Resp: 1989033

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.9	9.0	13.4



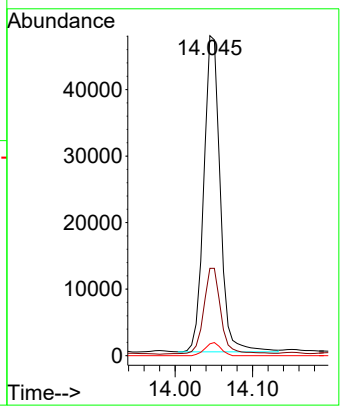


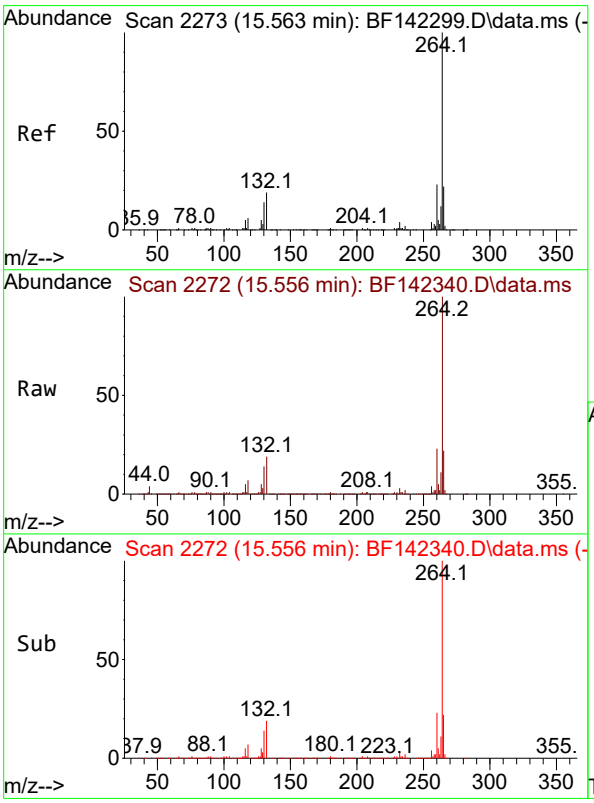
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.732 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion:149 Resp: 69922

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.0	33.0
279	3.7	3.0	4.6

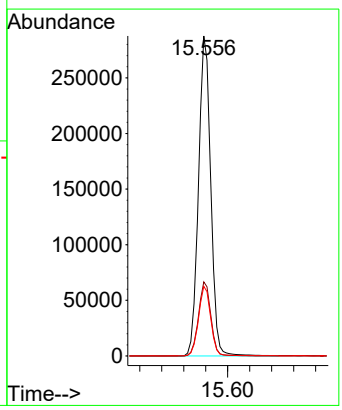




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:264 Resp: 445497

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.7	17.5	26.3



Sample Results: **BF142340.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	490	497	503	rVB	150732	222984	3.42%	0.588%
2	5.510	558	564	570	rBV	1985799	2613699	40.06%	6.889%
3	6.516	729	735	743	rBV	1310104	1704905	26.13%	4.494%
4	6.904	795	801	806	rBV	1030457	1272304	19.50%	3.353%
5	7.463	883	896	901	rBV	2687494	3667696	56.21%	9.667%
6	8.186	1013	1019	1033	rVB	1303710	1712979	26.25%	4.515%
7	9.263	1195	1202	1207	rBV	4892336	6524647	100.00%	17.197%
8	9.939	1311	1317	1322	rBV	1527886	1914432	29.34%	5.046%
9	10.357	1382	1388	1393	rBV	2241462	2802303	42.95%	7.386%
10	10.657	1434	1439	1445	rBV	223150	291176	4.46%	0.767%
11	10.727	1445	1451	1457	rBV	3206151	4308203	66.03%	11.355%
12	11.263	1539	1542	1547	rBV	47927	71796	1.10%	0.189%
13	11.427	1565	1570	1576	rVB	1450092	1799975	27.59%	4.744%
14	11.704	1613	1617	1624	rBV	43951	78931	1.21%	0.208%
15	11.951	1653	1659	1664	rBV2	396298	621221	9.52%	1.637%
16	12.404	1732	1736	1741	rBV	69176	94379	1.45%	0.249%
17	12.739	1788	1793	1798	rBV	205054	327772	5.02%	0.864%
18	13.015	1834	1840	1845	rBV	4062392	5275891	80.86%	13.906%
19	13.915	1989	1993	2000	rVB	44165	68040	1.04%	0.179%
20	14.062	2011	2018	2025	rBV2	862865	1343033	20.58%	3.540%
21	15.556	2266	2272	2285	rVB	771273	1223740	18.76%	3.225%

Sum of corrected areas: 37940106

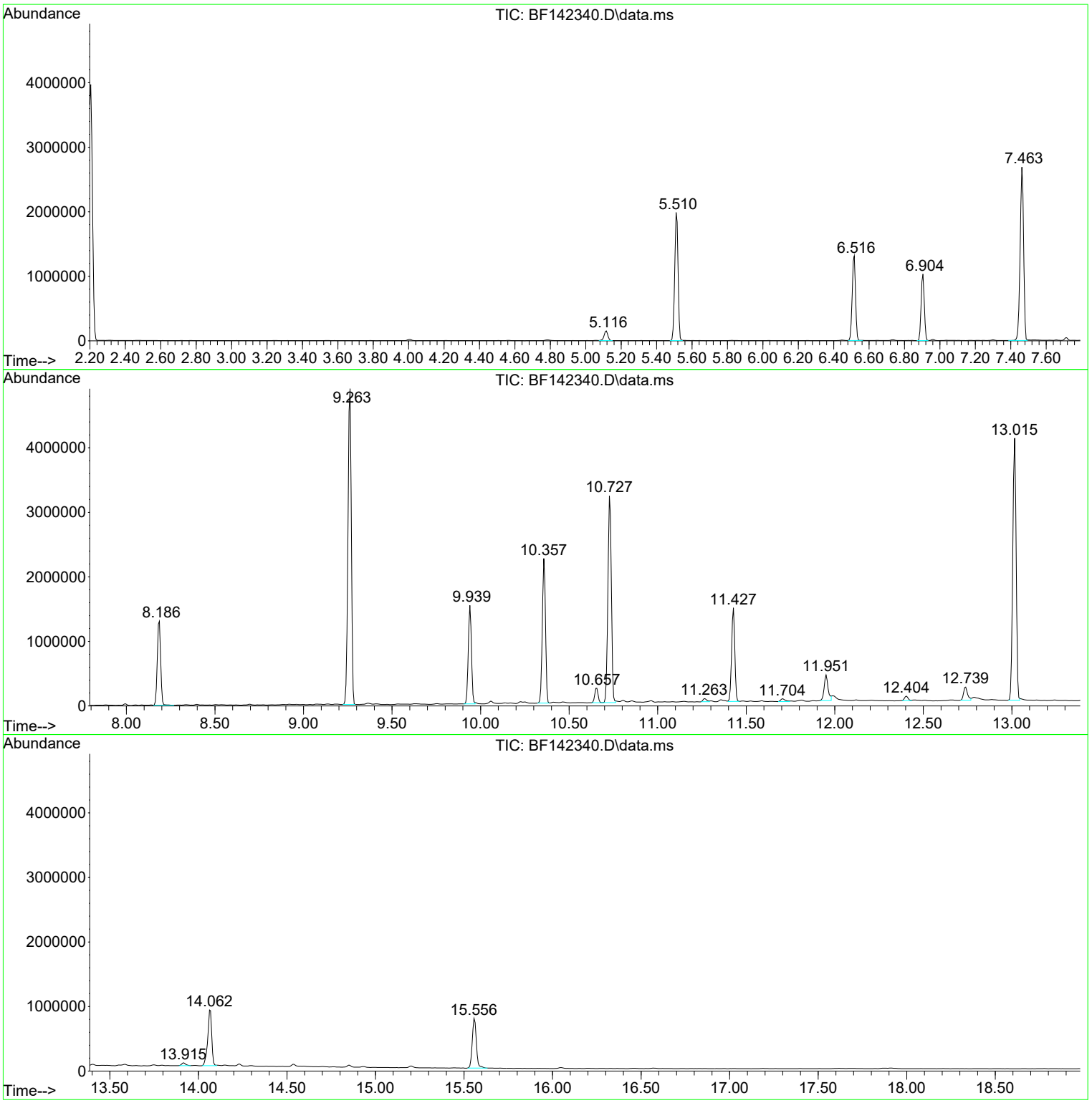
Sample Results: **BF142340.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

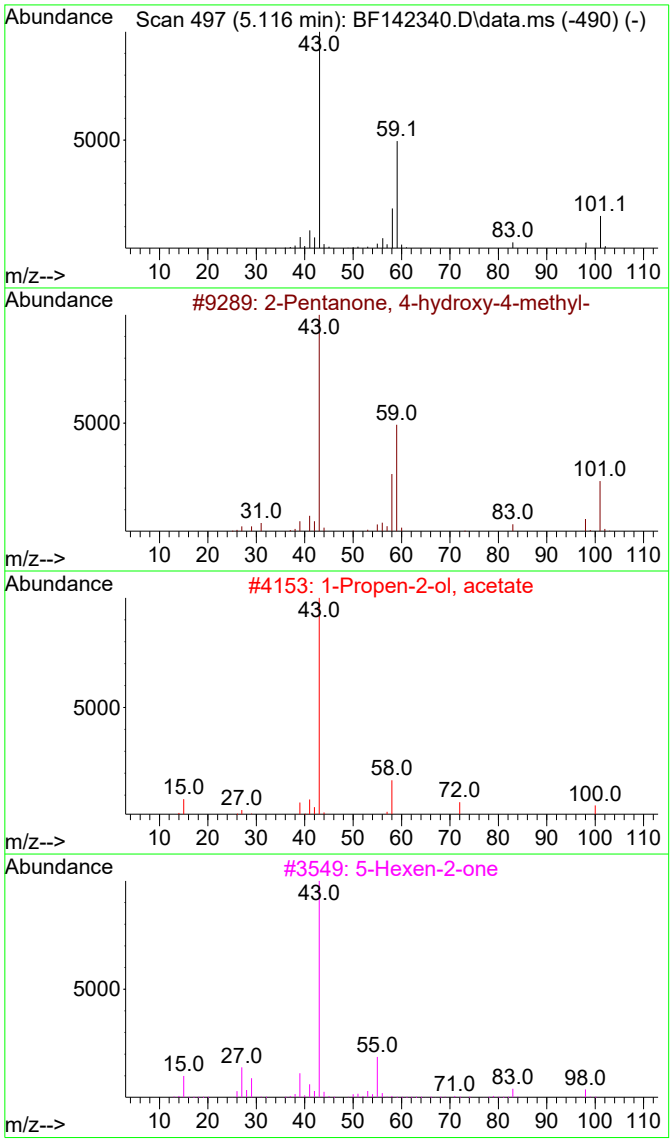
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

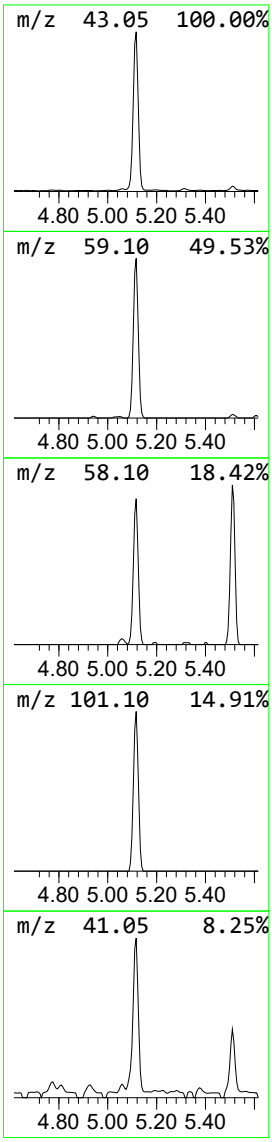
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	3.51 ng	222984	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

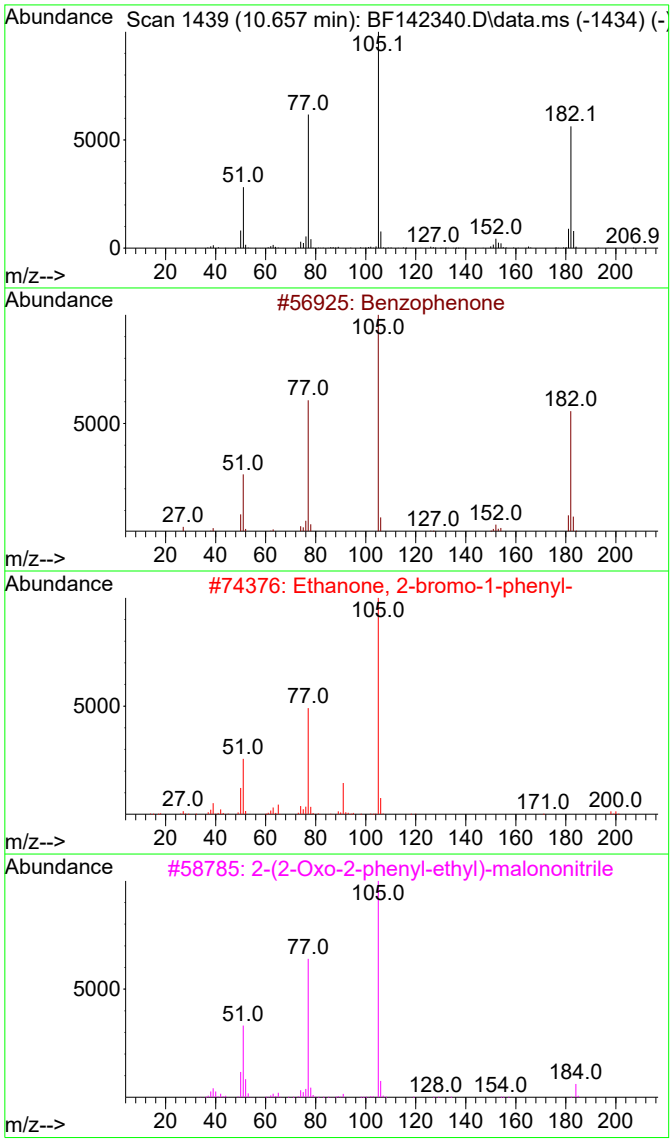
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

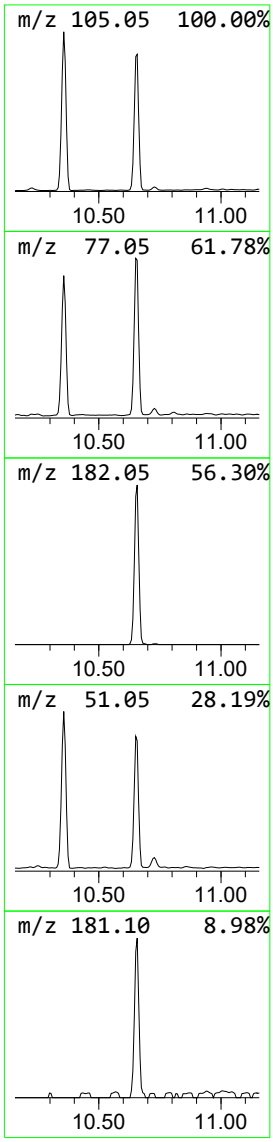
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	3.04 ng	291176	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	47
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

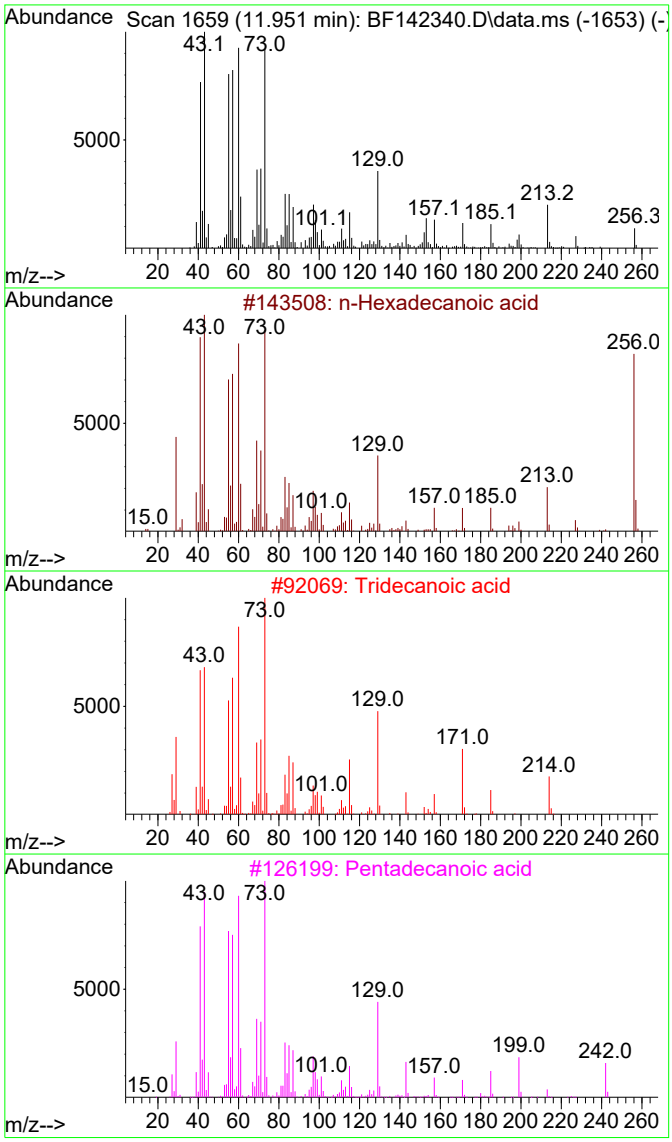
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

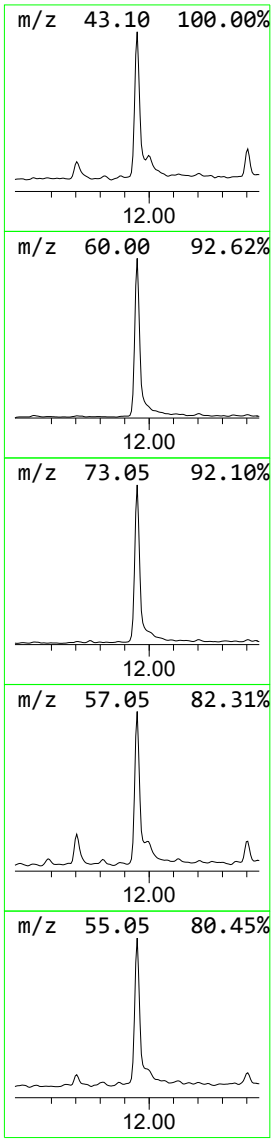
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	6.90 ng	621221	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	n-Decanoic acid	172	C10H20O2	000334-48-5	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

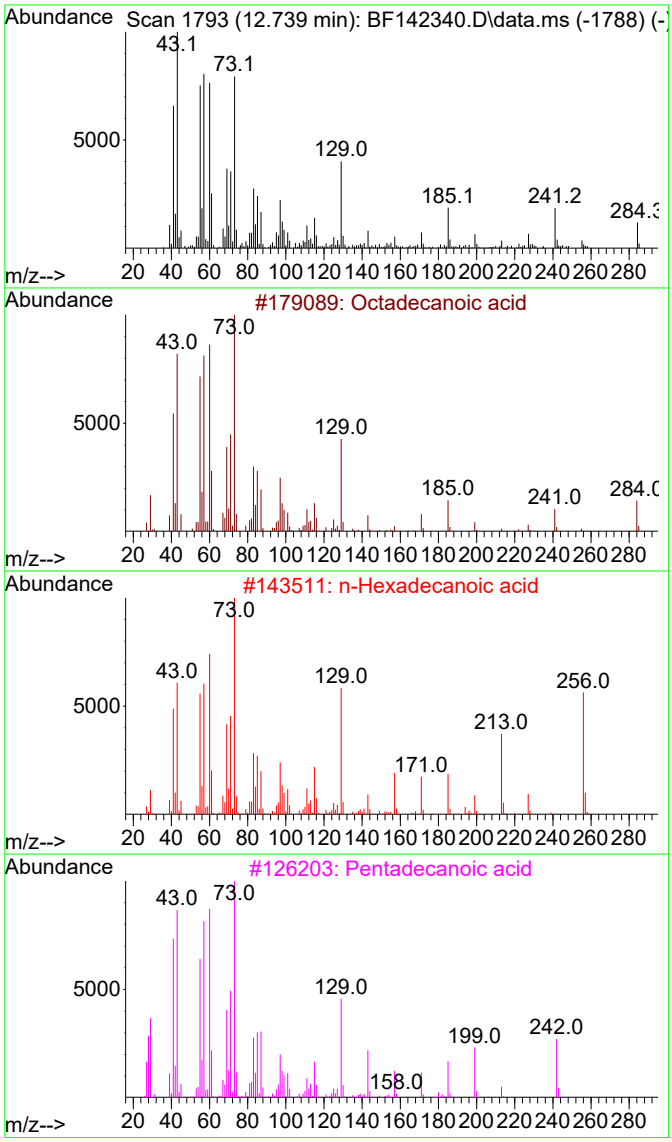
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

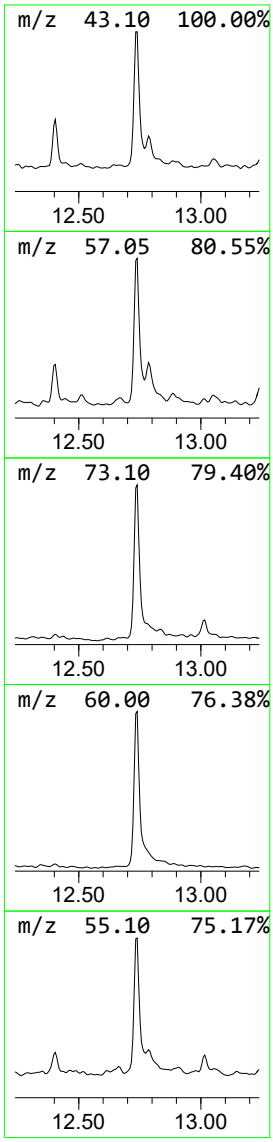
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Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	3.64 ng	327772	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





Sample Results: **BF142340.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142340.D
Acq On : 13 May 2025 12:47
Operator : RC/JU
Sample : Q1993-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	3.5	ng	222984	1	6.904	1272300	20.0
Benzophenone	10.657	3.0	ng	291176	3	9.939	1914430	20.0
n-Hexadecanoic ...	11.951	6.9	ng	621221	4	11.427	1799980	20.0
Octadecanoic acid	12.739	3.6	ng	327772	4	11.427	1799980	20.0

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508-A	SDG No.:	Q1993
Lab Sample ID:	Q1993-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024657.D	1	05/12/25 08:40	05/16/25 14:55	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.1	ug/L
108-95-2	Phenol	0.92	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.82	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	0.59	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.75	U	0.75	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.77	U	0.77	5.10	ug/L
78-59-1	Isophorone	0.76	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.53	U	0.53	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.85	U	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.60	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.52	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	0.63	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508-A	SDG No.:	Q1993
Lab Sample ID:	Q1993-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024657.D	1	05/12/25 08:40	05/16/25 14:55	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.76	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.93	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.1	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.1	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	26.8		0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.1	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.83	U	0.83	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.94	U	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.10	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.10	ug/L

Raw Data: **BP024657.D**

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508-A	SDG No.:	Q1993
Lab Sample ID:	Q1993-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024657.D	1	05/12/25 08:40	05/16/25 14:55	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.3		10 - 139	47%	SPK: 150
13127-88-3	Phenol-d6	44.0		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.4		49 - 133	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		44 - 137	101%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		48 - 125	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	140000	7.663			
1146-65-2	Naphthalene-d8	568000	10.434			
15067-26-2	Acenaphthene-d10	368000	14.298			
1517-22-2	Phenanthrene-d10	690000	17.098			
1719-03-5	Chrysene-d12	839000	21.527			
1520-96-3	Perylene-d12	1070000	24.821			
TENTATIVE IDENTIFIED COMPOUNDS						
000143-07-7	Dodecanoic acid	8.70	J		14.8	ug/L
1000406-37-5	Dodecyl nonyl ether	4.10	J		16.0	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	3.50	J		17.6	ug/L
056554-94-0	8-Octadecenal	9.10	J		17.7	ug/L
	unknown17.810	2.70	J		17.8	ug/L
	unknown17.857	2.50	J		17.9	ug/L
	unknown17.875	2.70	J		17.9	ug/L

Raw Data: **BP024657.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508-A	SDG No.:	Q1993
Lab Sample ID:	Q1993-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024657.D	1	05/12/25 08:40	05/16/25 14:55	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
013475-75-7	Pentadecane, 8-hexyl-	20.0	J		17.9	ug/L
000057-10-3	n-Hexadecanoic acid	2.70	J		18.0	ug/L
025117-29-7	4-Methylheneicosane	2.90	J		18.3	ug/L
	unknown18.322	21.4	J		18.3	ug/L
013287-24-6	Nonadecane, 9-methyl-	18.0	J		18.4	ug/L
	unknown18.427	16.7	J		18.4	ug/L
	unknown18.463	69.7	J		18.5	ug/L
000057-11-4	Octadecanoic acid	4.60	J		19.4	ug/L
	unknown20.004	22.0	J		20.0	ug/L
	unknown20.221	6.80	J		20.2	ug/L
1000339-37-2	Fumaric acid, 3,5-difluorophenyl i	9.50	J		20.6	ug/L
	unknown22.274	81.2	J		22.3	ug/L
004911-42-6	{[3-(ethylsulfanyl)propyl]sulfanyl	3.90	J		27.1	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

Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Time: May 16 15:18:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

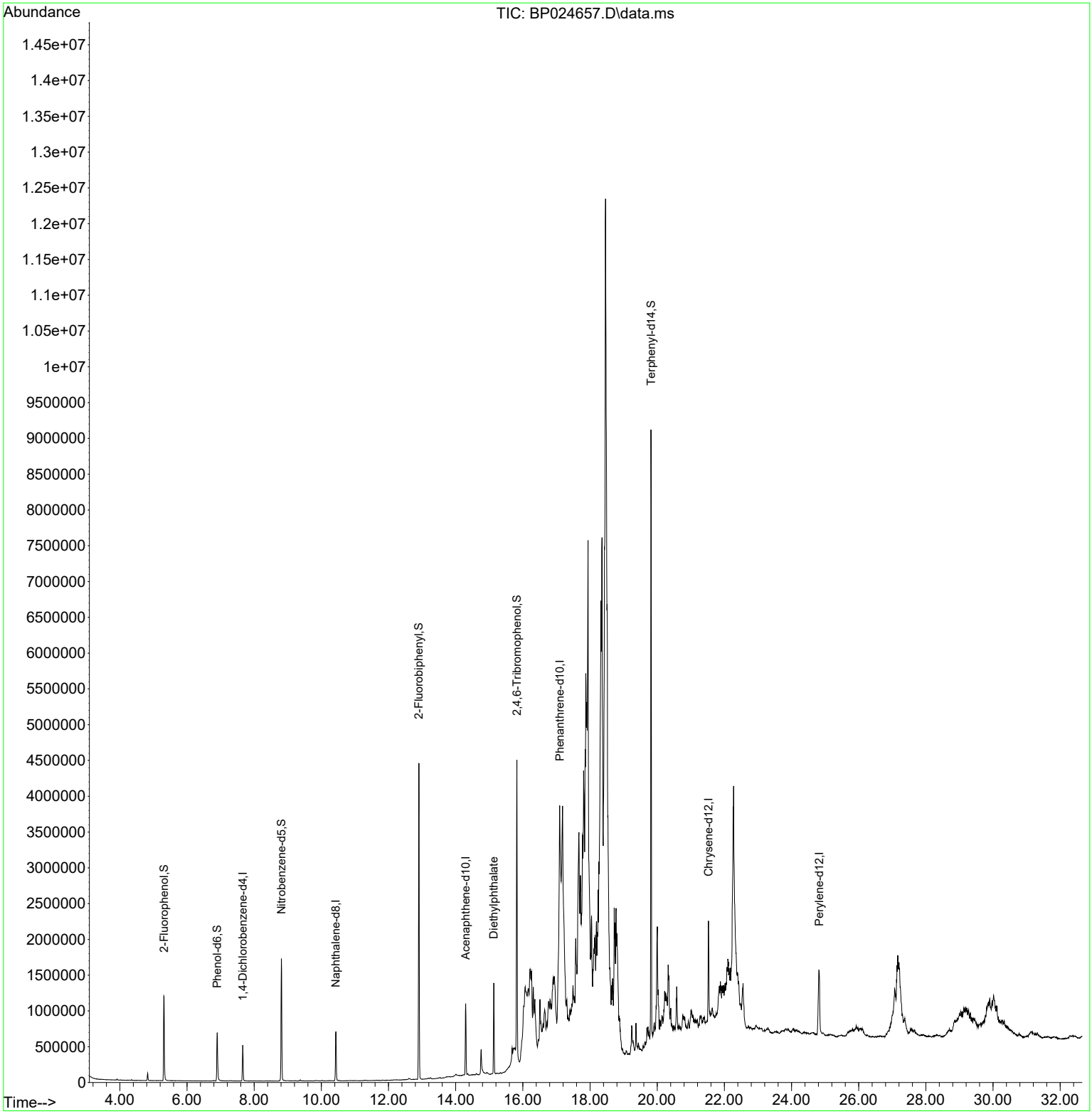
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	139534	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	567590	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	368139	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	690338	20.000	ng	0.00
76) Chrysene-d12	21.527	240	838925	20.000	ng	0.00
86) Perylene-d12	24.821	264	1069523	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	573367	70.282	ng	0.03
7) Phenol-d6	6.899	99	457605	43.950	ng	0.05
23) Nitrobenzene-d5	8.810	82	959886	85.448	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	945994	151.577	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2265661	80.630	ng	0.00
79) Terphenyl-d14	19.816	244	3884097	79.388	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	15.134	149	753692	26.576	ng	99

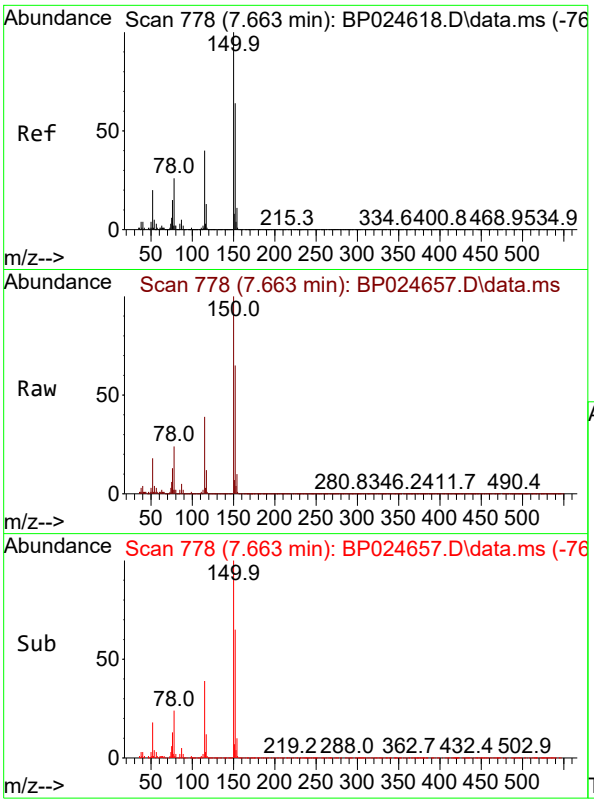
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Time: May 16 15:18:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



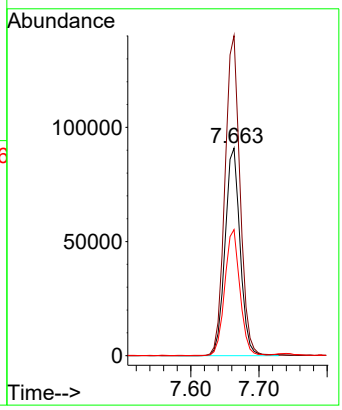


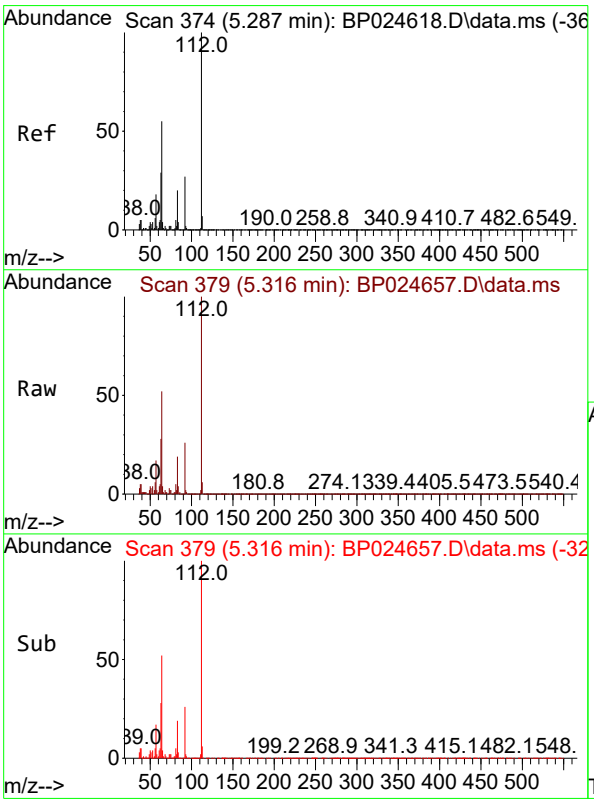
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion:152 Resp: 139534

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.9	188.9
115	60.7	50.1	75.1

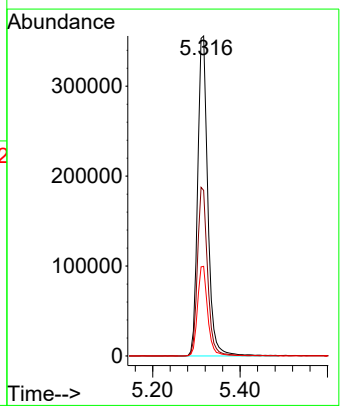


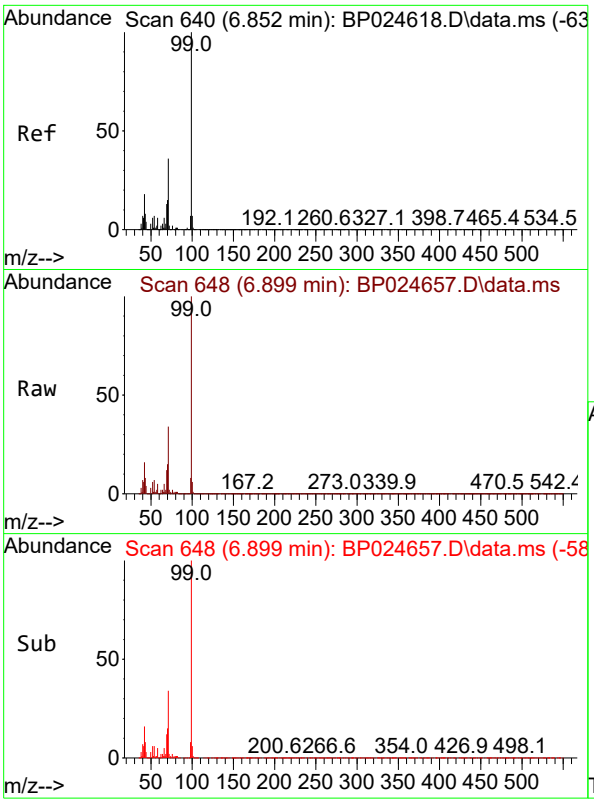


#5
2-Fluorophenol
Concen: 70.282 ng
RT: 5.316 min Scan# 379
Delta R.T. 0.029 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:112 Resp: 573367

Ion	Ratio	Lower	Upper
112	100		
64	51.7	44.1	66.1
63	28.0	23.5	35.3



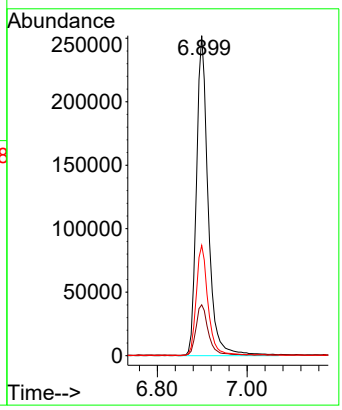


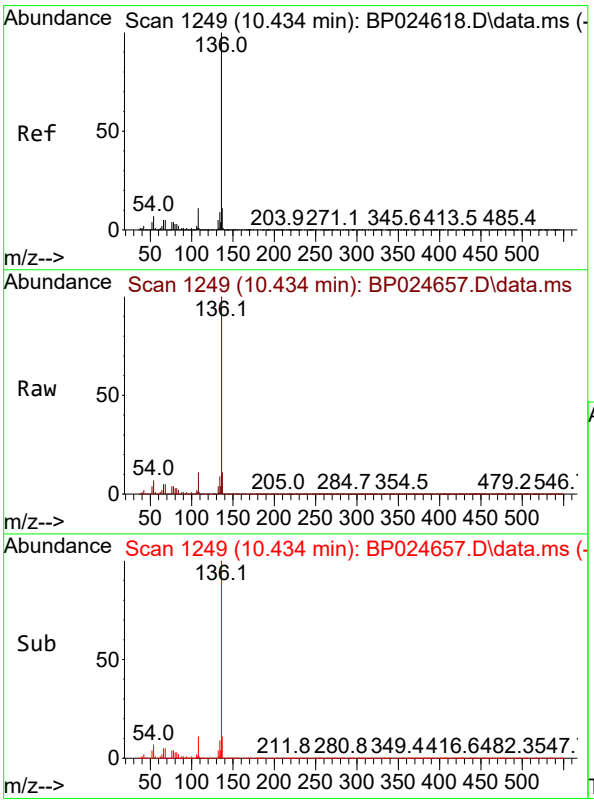
#7
Phenol-d6
Concen: 43.950 ng
RT: 6.899 min Scan# 64
Delta R.T. 0.047 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion: 99 Resp: 457605

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.4	21.6
71	34.4	29.2	43.8

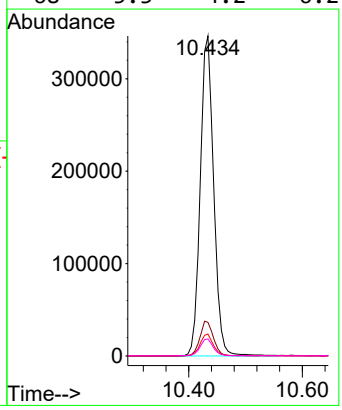


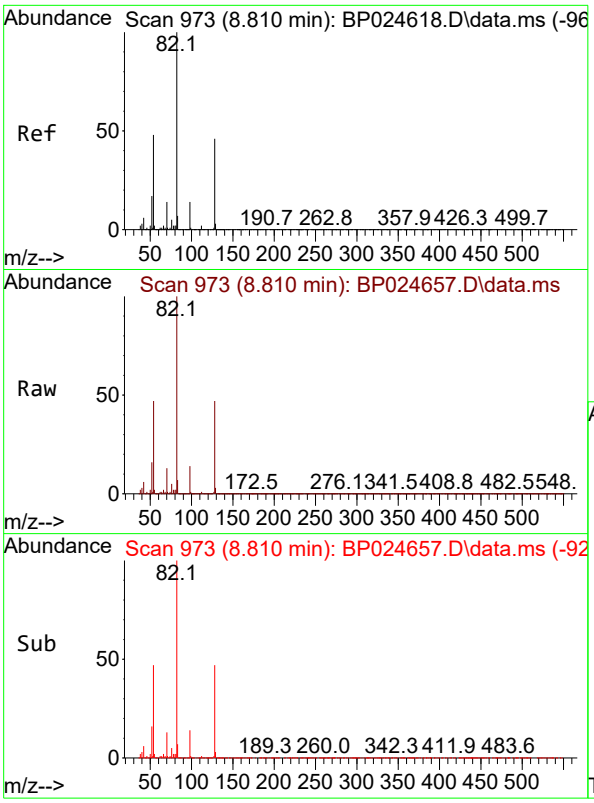


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:136 Resp: 567590

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	5.5	8.3
68	5.3	4.2	6.2



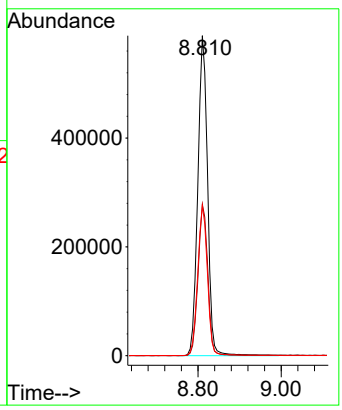


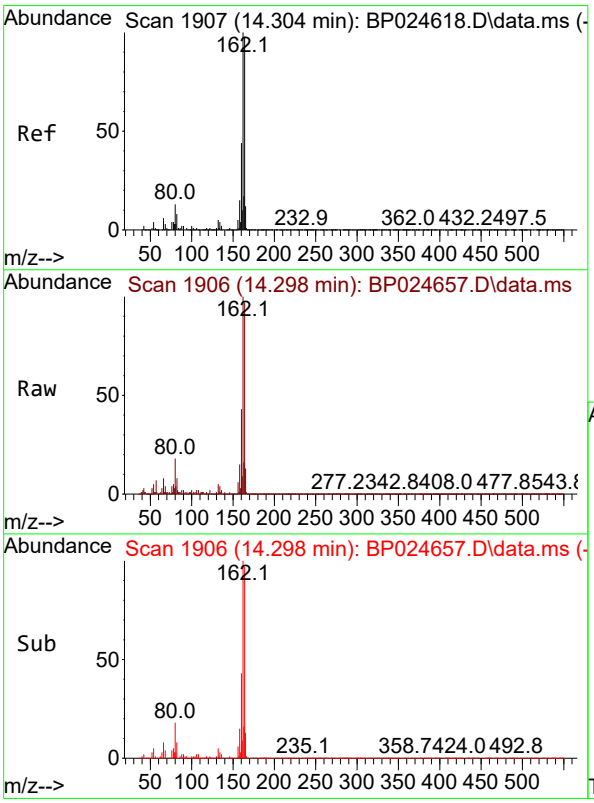
#23
Nitrobenzene-d5
Concen: 85.448 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion: 82 Resp: 959886

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.4
54	47.0	38.7	58.1

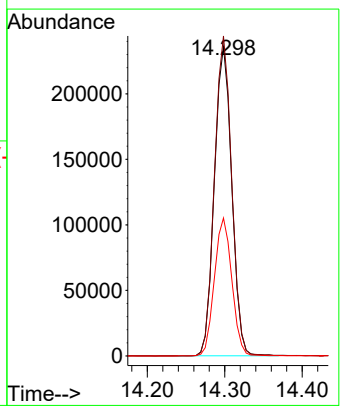


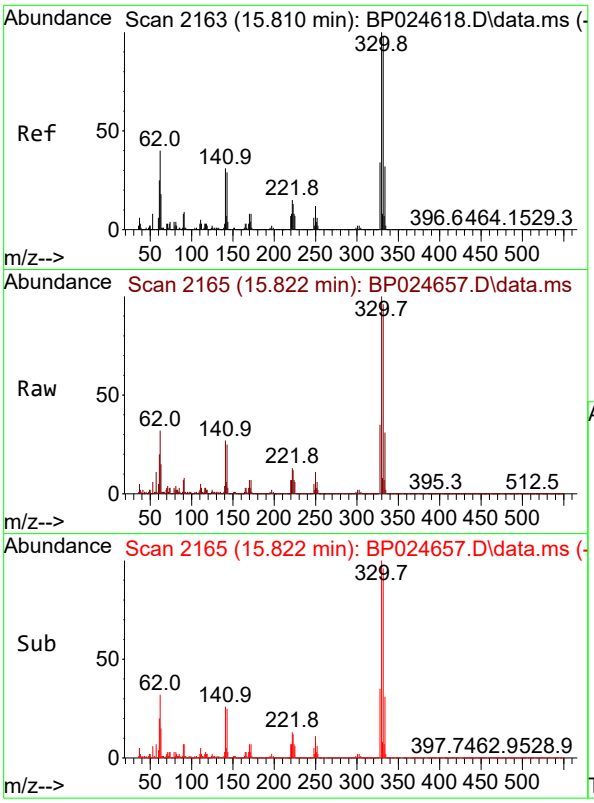


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:164 Resp: 368139

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	44.6	36.3	54.5



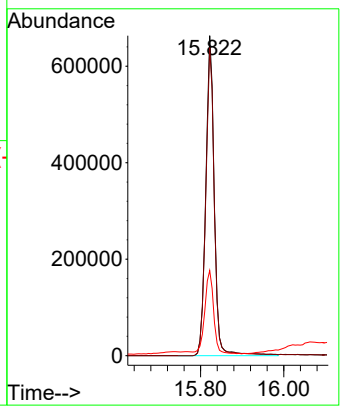


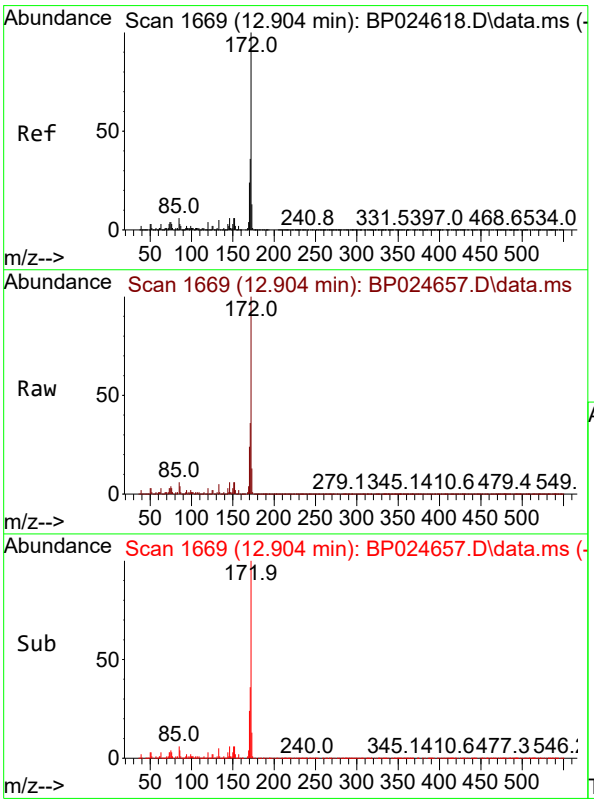
#42
2,4,6-Tribromophenol
Concen: 151.577 ng
RT: 15.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion:330 Resp: 945994

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	26.9	24.3	36.5

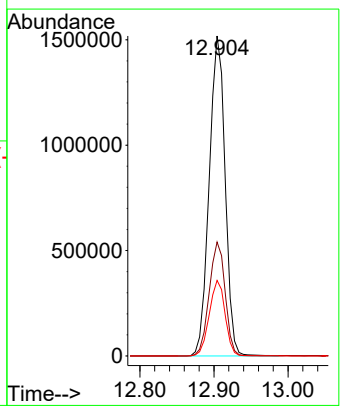


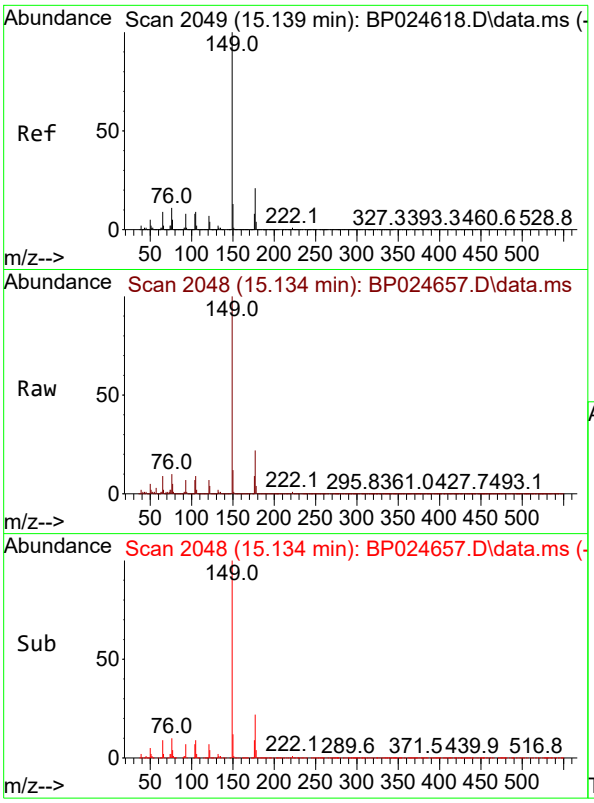


#45
2-Fluorobiphenyl
Concen: 80.630 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:172 Resp: 2265661

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.6	18.8	28.2



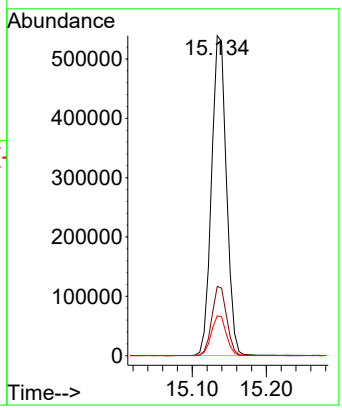


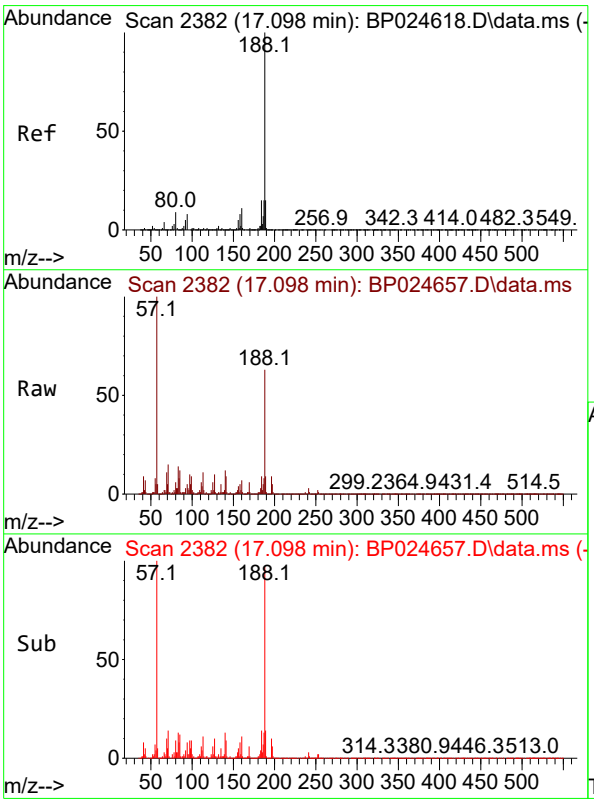
#60
Diethylphthalate
Concen: 26.576 ng
RT: 15.134 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion:149 Resp: 753692

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.4	10.2	15.2

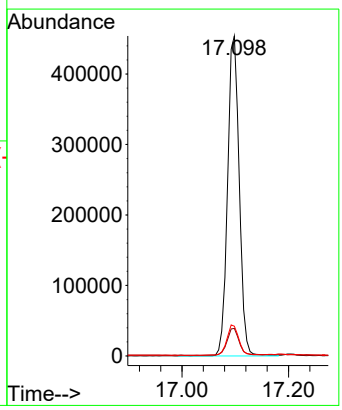


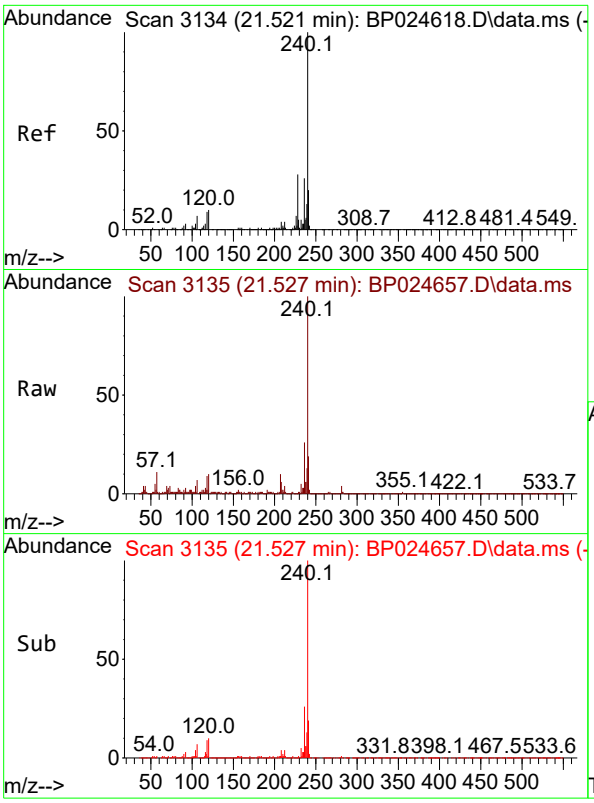


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:188 Resp: 690338

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.3	7.3	10.9



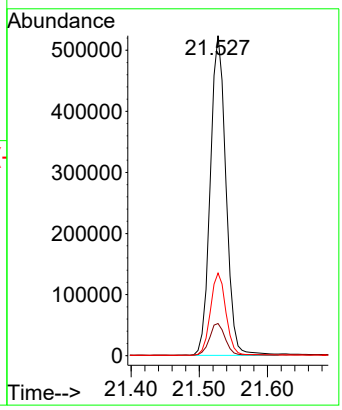


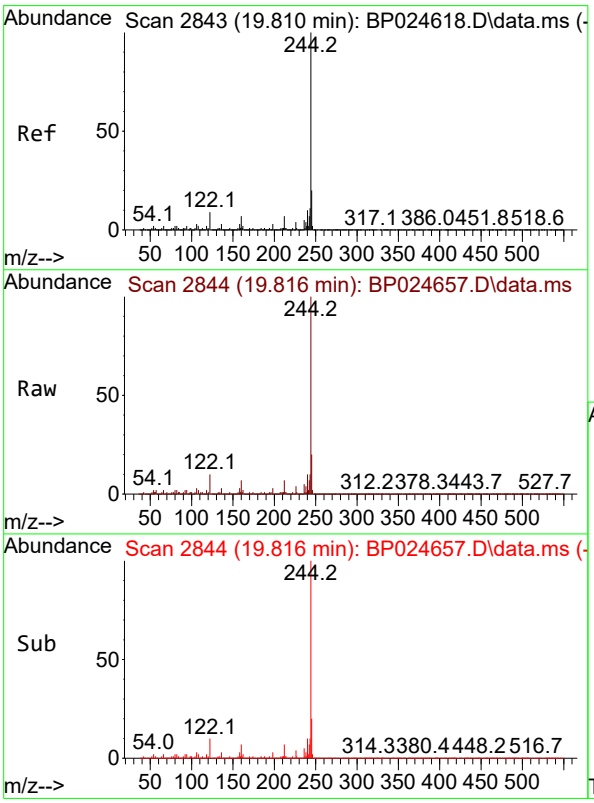
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion:240 Resp: 838925

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	25.8	20.6	31.0

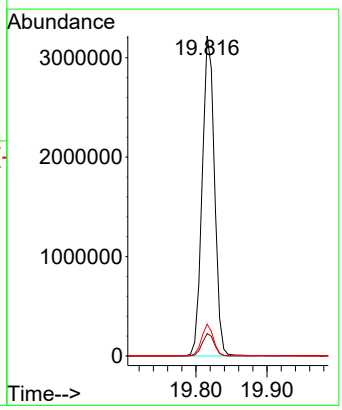


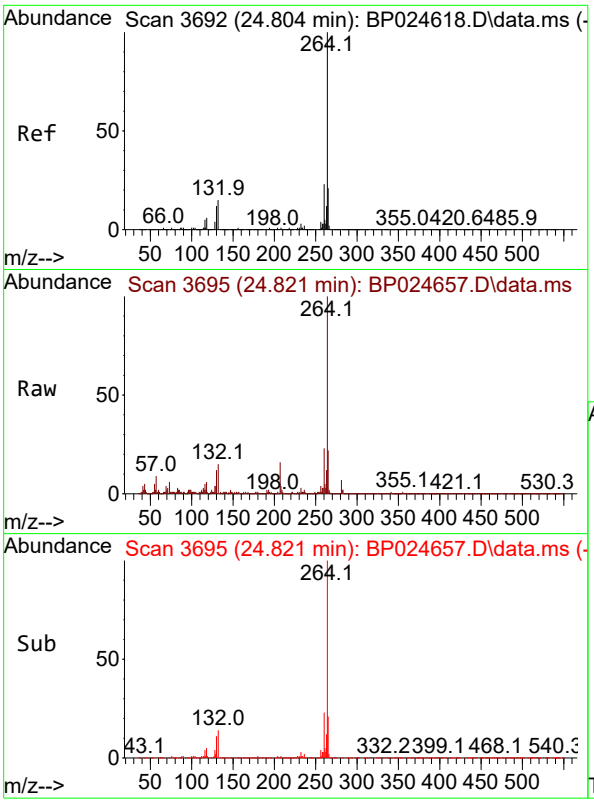


#79
Terphenyl-d14
Concen: 79.388 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Tgt Ion:244 Resp: 3884097

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.0	7.4	11.0



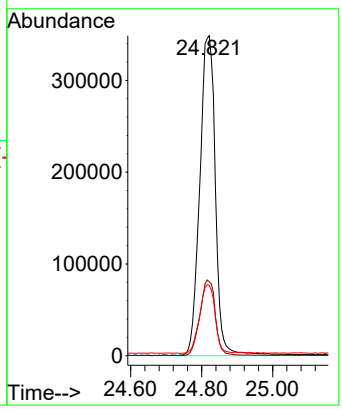


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.821 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024657.D
Acq: 16 May 2025 14:55

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Tgt Ion:264 Resp: 1069523

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.0	17.0	25.6



Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024657.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.311	372	378	399	rVB	1182448	1899718	4.90%	1.112%
2	6.899	640	648	668	rBV	675224	1273662	3.29%	0.746%
3	7.663	770	778	787	rBV	501246	784477	2.02%	0.459%
4	8.810	966	973	990	rVB	1703709	2748353	7.09%	1.609%
5	10.434	1241	1249	1262	rBV	688641	1138219	2.94%	0.666%
6	12.904	1662	1669	1683	rBV	4419195	6587466	16.99%	3.857%
7	14.298	1900	1906	1913	rBV	994113	1552689	4.01%	0.909%
8	14.757	1979	1984	1997	rBV	332820	668885	1.73%	0.392%
9	15.134	2043	2048	2057	rVB	1267390	1776401	4.58%	1.040%
10	15.822	2159	2165	2178	rVB	4221929	6271927	16.18%	3.672%
11	16.022	2183	2199	2201	rBV2	721308	2265939	5.85%	1.327%
12	16.310	2245	2248	2252	rBV	399160	499908	1.29%	0.293%
13	16.510	2277	2282	2286	rBV	571506	1044798	2.70%	0.612%
14	17.098	2369	2382	2389	rBV3	2972542	11232670	28.98%	6.576%
15	17.575	2459	2463	2469	rBV	904446	1953748	5.04%	1.144%
16	17.669	2471	2479	2483	rBV	1882275	5033315	12.98%	2.947%
17	17.775	2494	2497	2499	rBV	1072102	1266011	3.27%	0.741%
18	17.810	2501	2503	2508	rVB	1167311	1518558	3.92%	0.889%
19	17.857	2508	2511	2512	rBV	1436131	1406360	3.63%	0.823%
20	17.875	2512	2514	2517	rVV	1310519	1497550	3.86%	0.877%
21	17.939	2522	2525	2538	rVB	5854096	11112969	28.67%	6.506%
22	18.045	2540	2543	2548	rVB	987475	1513178	3.90%	0.886%
23	18.192	2565	2568	2570	rBV	494871	424302	1.09%	0.248%
24	18.216	2570	2572	2574	rVV	359131	431151	1.11%	0.252%
25	18.245	2574	2577	2578	rVV	960569	991864	2.56%	0.581%
26	18.263	2578	2580	2582	rVV	1360854	1637931	4.23%	0.959%
27	18.322	2582	2590	2592	rVV	5023574	11917861	30.74%	6.977%
28	18.357	2594	2596	2602	rVV	5937042	10021862	25.85%	5.867%
29	18.428	2602	2608	2609	rVV	5814969	9274341	23.92%	5.430%
30	18.463	2610	2614	2635	rVB	10762899	38764895	100.00%	22.695%
31	18.675	2646	2650	2653	rVB	380404	531134	1.37%	0.311%
32	18.722	2654	2658	2659	rBV	1317815	1263323	3.26%	0.740%
33	18.775	2664	2667	2669	rBV	778184	817519	2.11%	0.479%
34	19.239	2743	2746	2751	rBV2	283786	457885	1.18%	0.268%
35	19.369	2764	2768	2774	rBV	363362	518587	1.34%	0.304%
36	19.816	2840	2844	2849	rBV	8453761	9930834	25.62%	5.814%

Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.004	2871	2876	2882	rVV	1220677	2462810	6.35%	1.442%
38	20.222	2907	2913	2916	rBV	417865	767351	1.98%	0.449%
39	20.580	2970	2974	2982	rVB2	591963	1065052	2.75%	0.624%
40	21.527	3130	3135	3141	rBV2	1382942	2263511	5.84%	1.325%
41	22.274	3253	3262	3279	rVB	2634395	9095262	23.46%	5.325%
42	24.815	3687	3694	3710	rVB2	886897	2617907	6.75%	1.533%
43	27.139	4085	4089	4090	rBV	464823	504860	1.30%	0.296%

Sum of corrected areas: 170807043

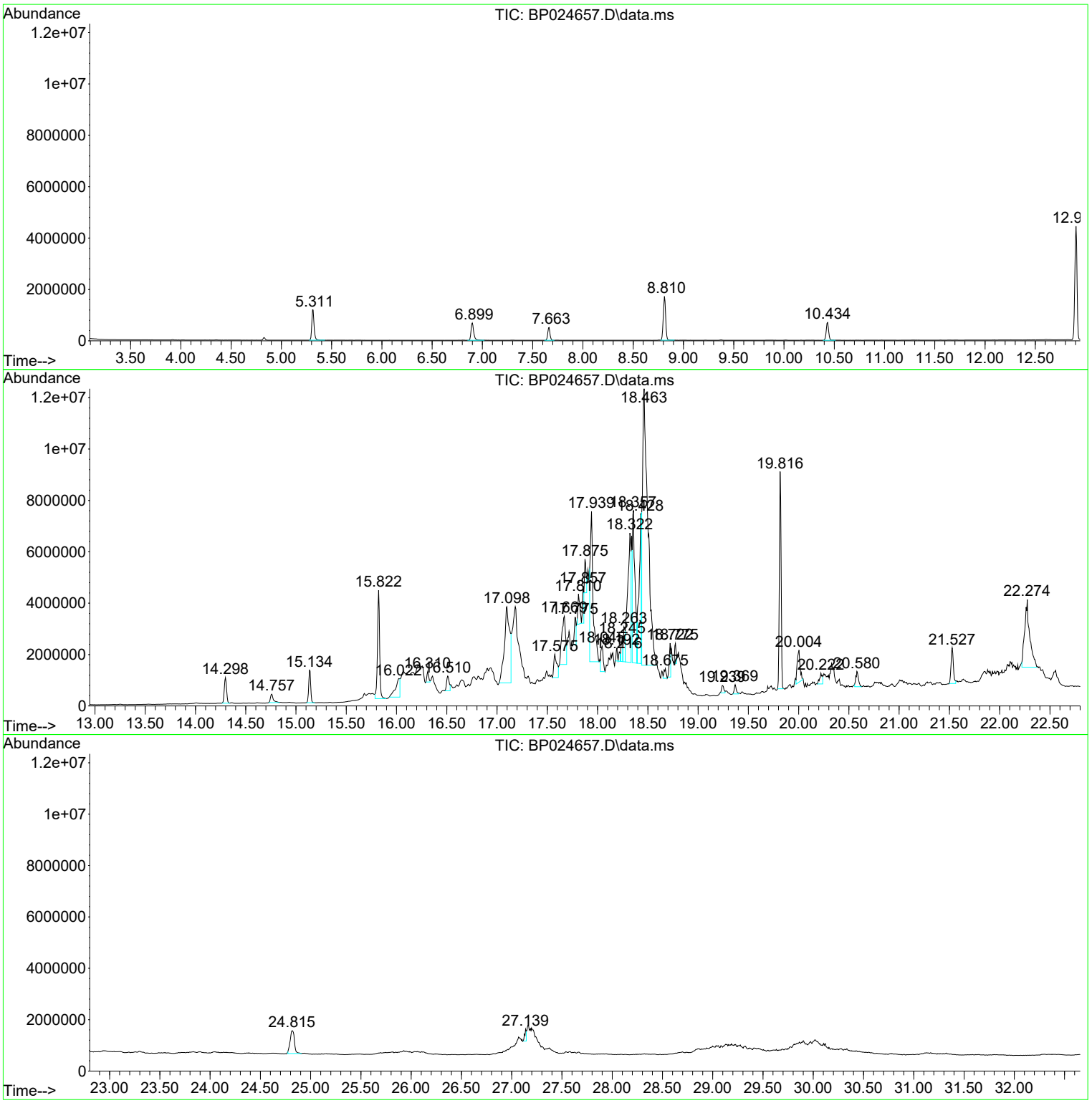
Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

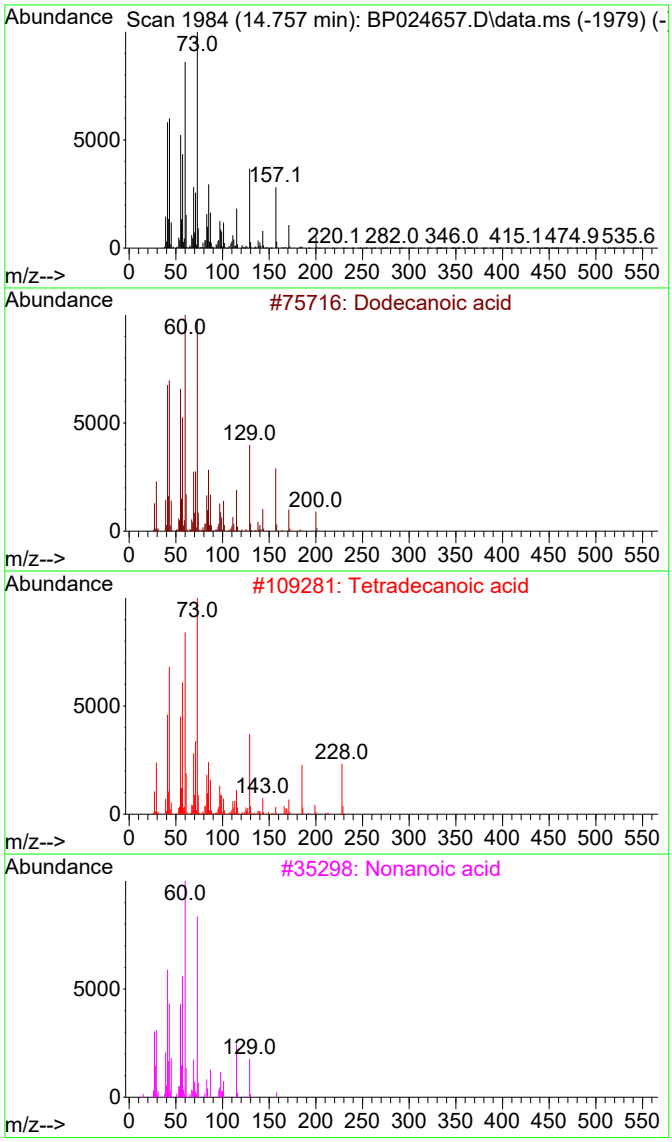
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TIC Integration Parameters: LSCINT.P

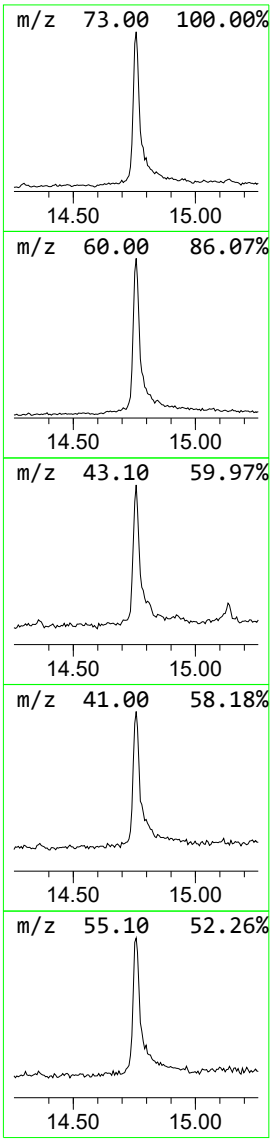
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Peak Number 1 Dodecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	8.62 ng	668885	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

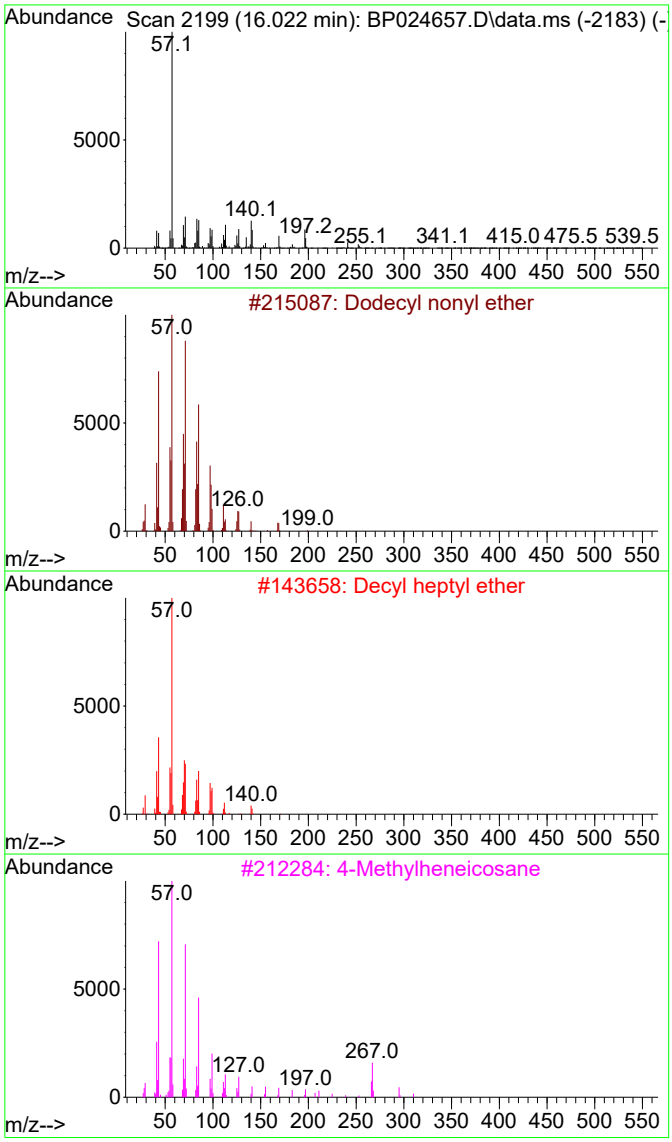
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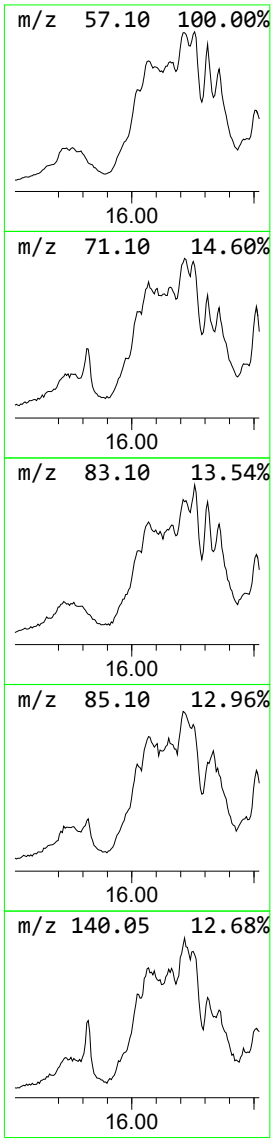
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Peak Number 2 Dodecyl nonyl ether Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.022	4.03 ng	2265940	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	50
2	Decyl heptyl ether	256	C17H36O	1000406-39-1	47
3	4-Methylheneicosane	310	C22H46	025117-29-7	47
4	Hexacosane	366	C26H54	000630-01-3	43
5	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

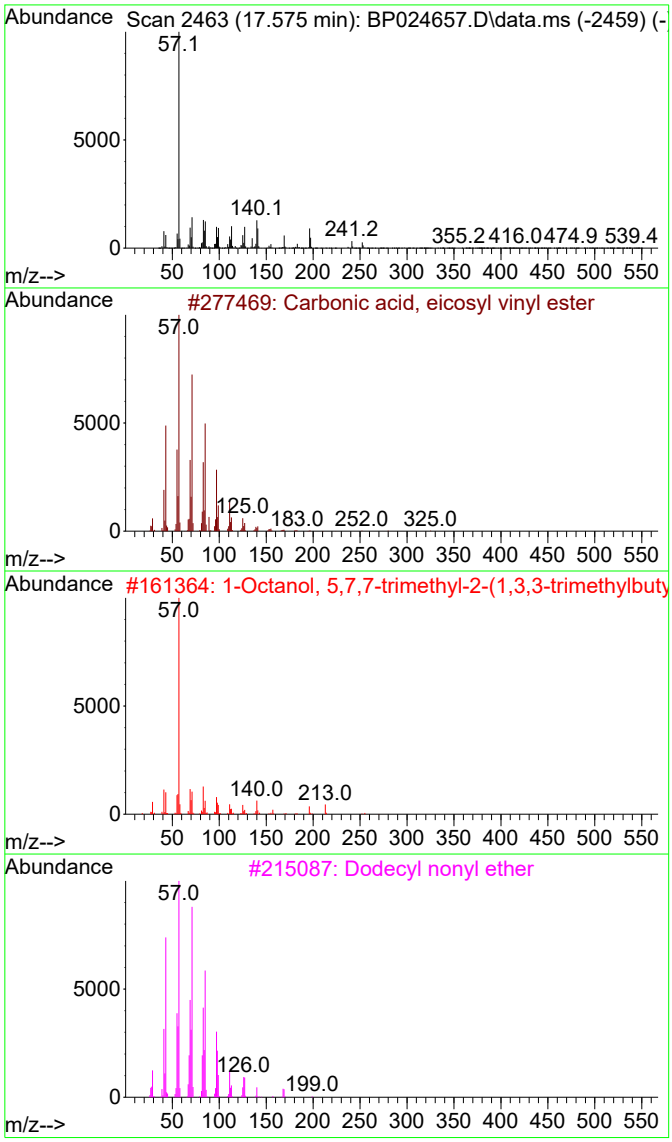
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

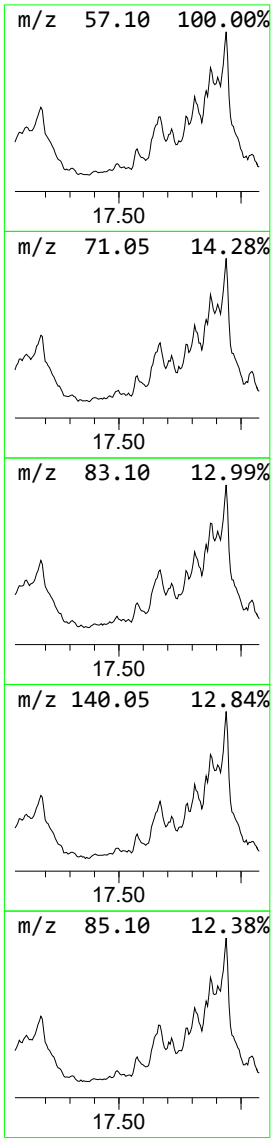
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.575	3.48 ng	1953750	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
2	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	47
3	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	43
4	Triacontane	422	C30H62	000638-68-6	43
5	Pentacosane	352	C25H52	000629-99-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

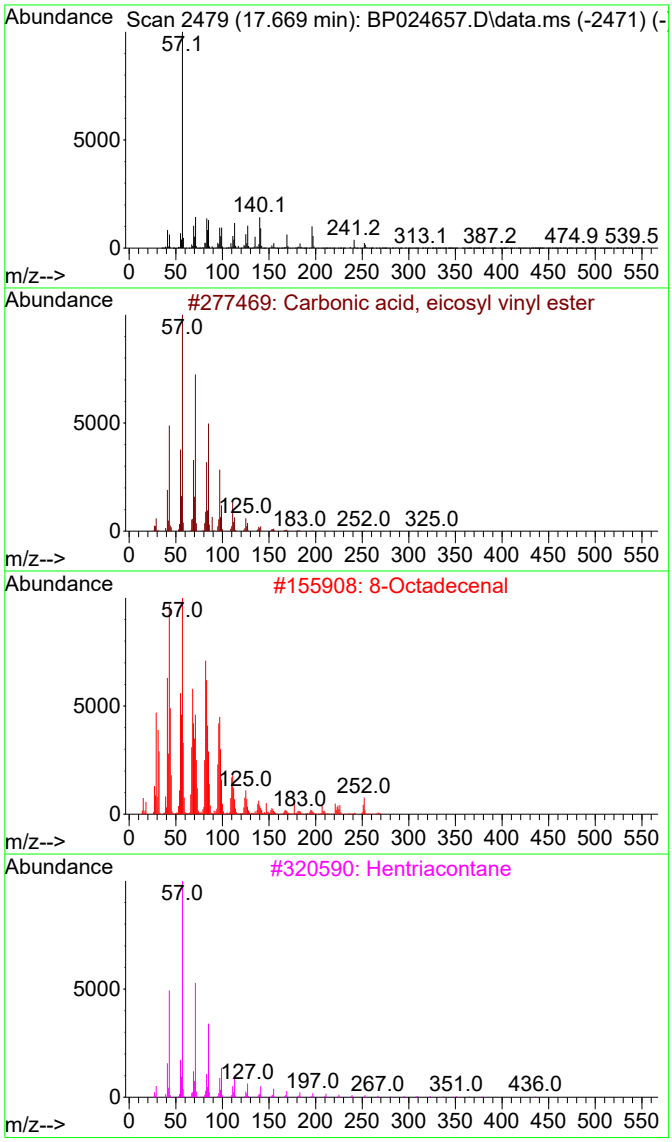
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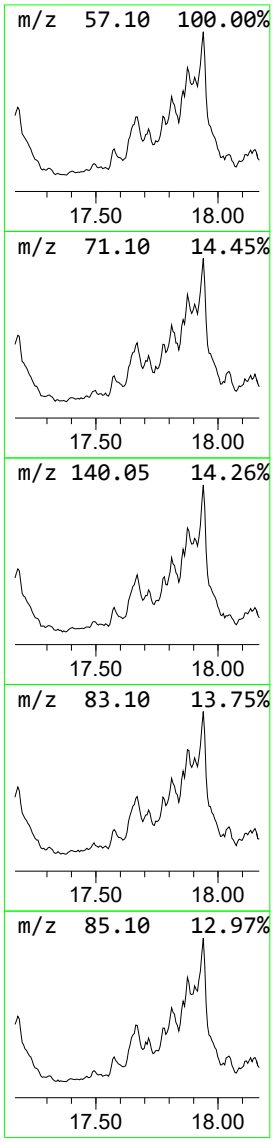
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Peak Number 4 8-Octadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.669	8.96 ng	5033320	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59
2	8-Octadecenal	266	C18H34O	056554-94-0	53
3	Hentriacontane	437	C31H64	000630-04-6	43
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
5	Hexacosane	366	C26H54	000630-01-3	43





Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

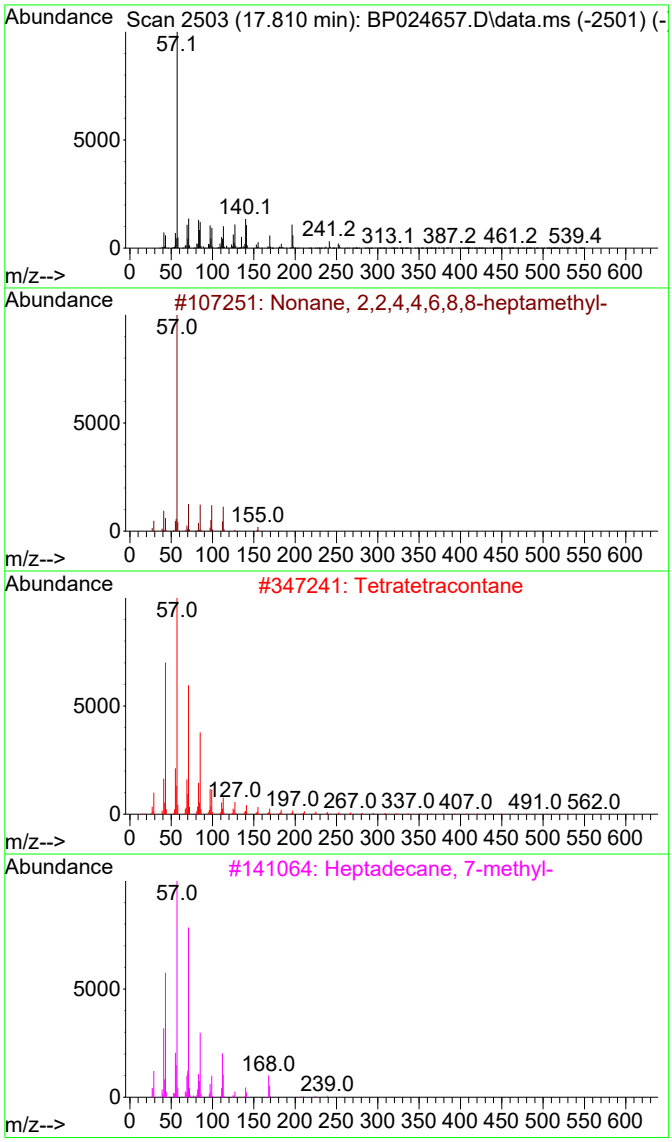
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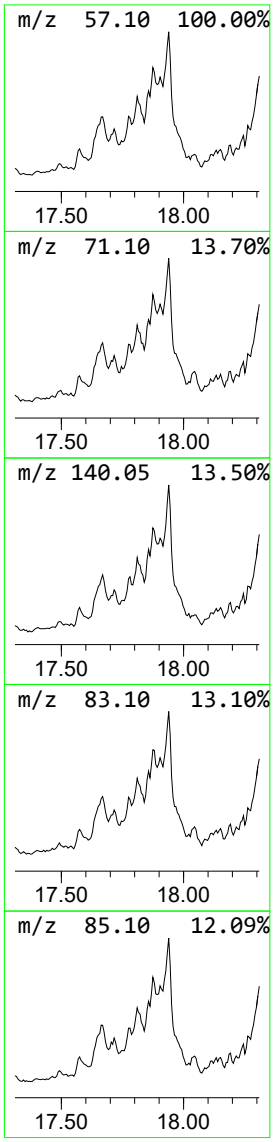
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Peak Number 5 unknown17.810 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	2.70 ng	1518560	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
2	Tetratetracontane	619	C44H90	007098-22-8	43
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43
4	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	43
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

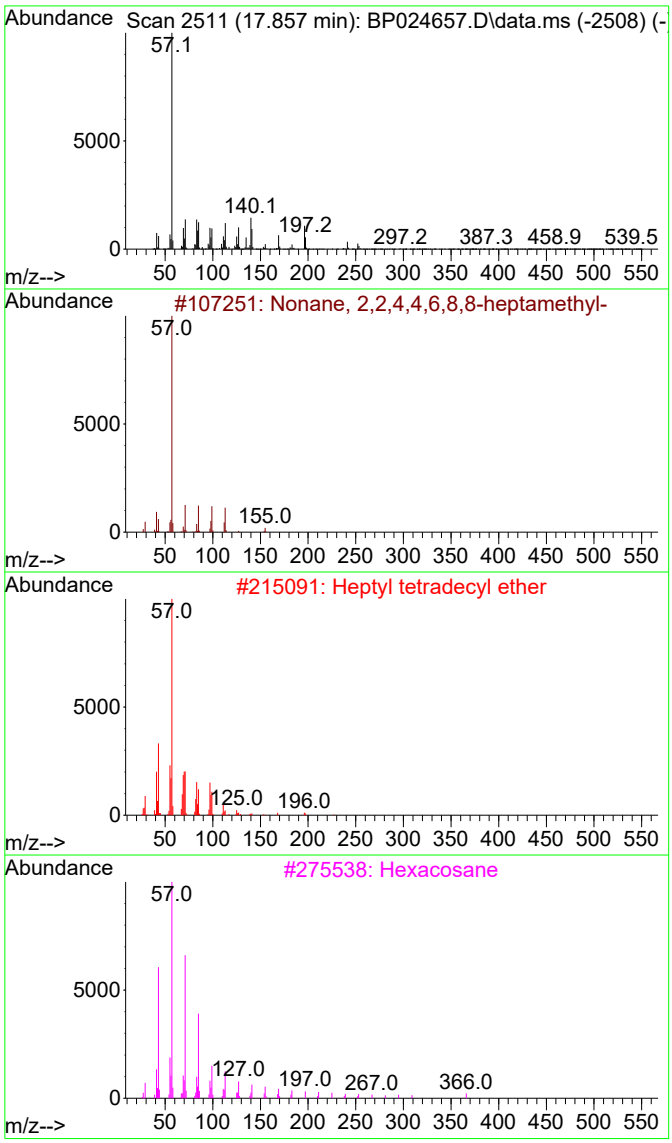
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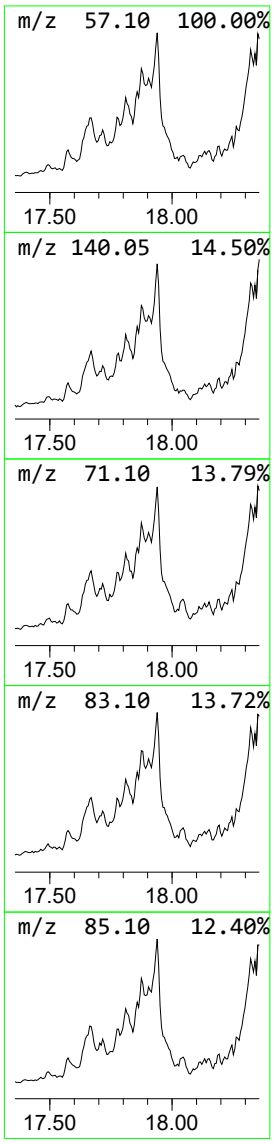
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Peak Number 6 unknown17.857 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	2.50 ng	1406360	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
2	Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	43
3	Hexacosane	366	C26H54	000630-01-3	43
4	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	38
5	Dodecyl heptyl ether	284	C19H40O	1010406-39-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

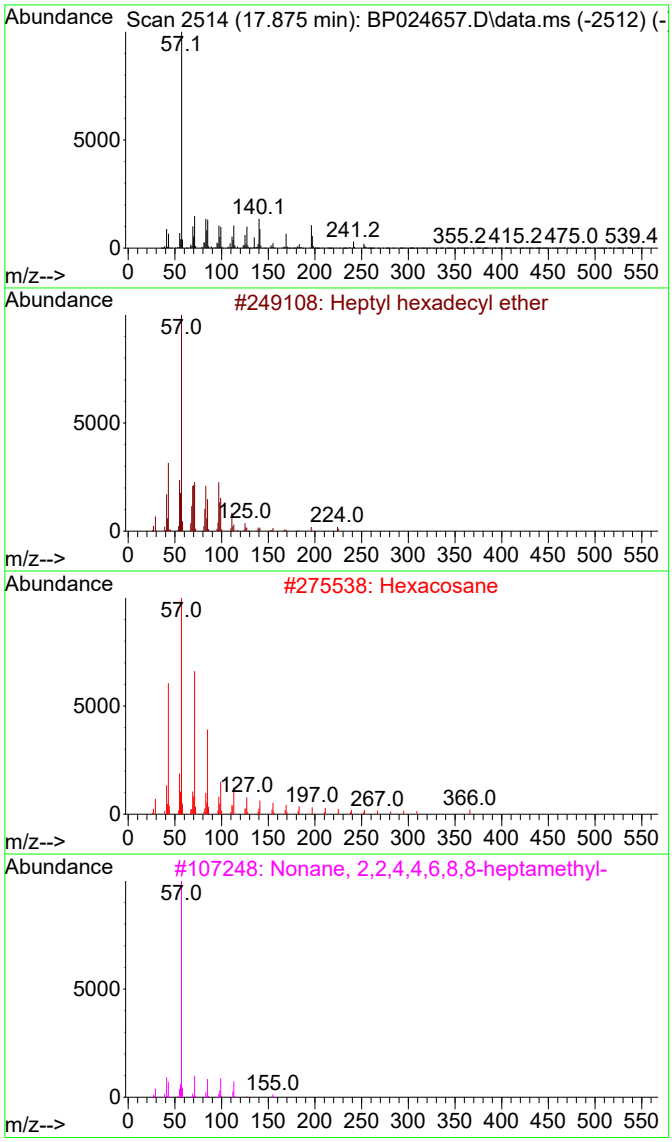
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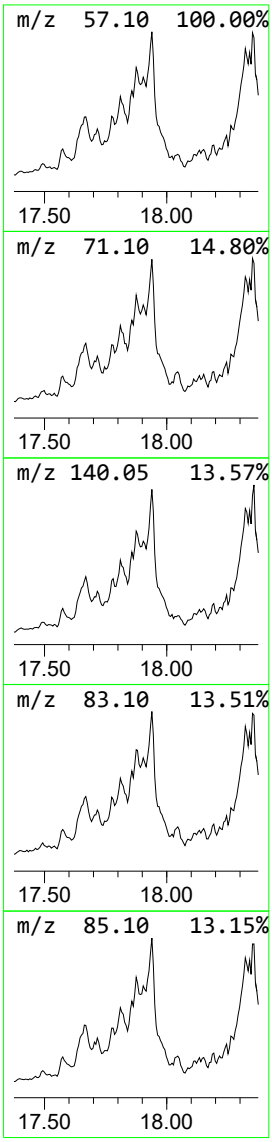
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Peak Number 7 unknown17.875 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.875	2.67 ng	1497550	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptyl hexadecyl ether	340	C23H48O	1000406-39-4	38
2	Hexacosane	366	C26H54	000630-01-3	38
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	35
5	Carbonic acid, hexadecyl isobuty...	342	C21H42O3	1010314-61-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

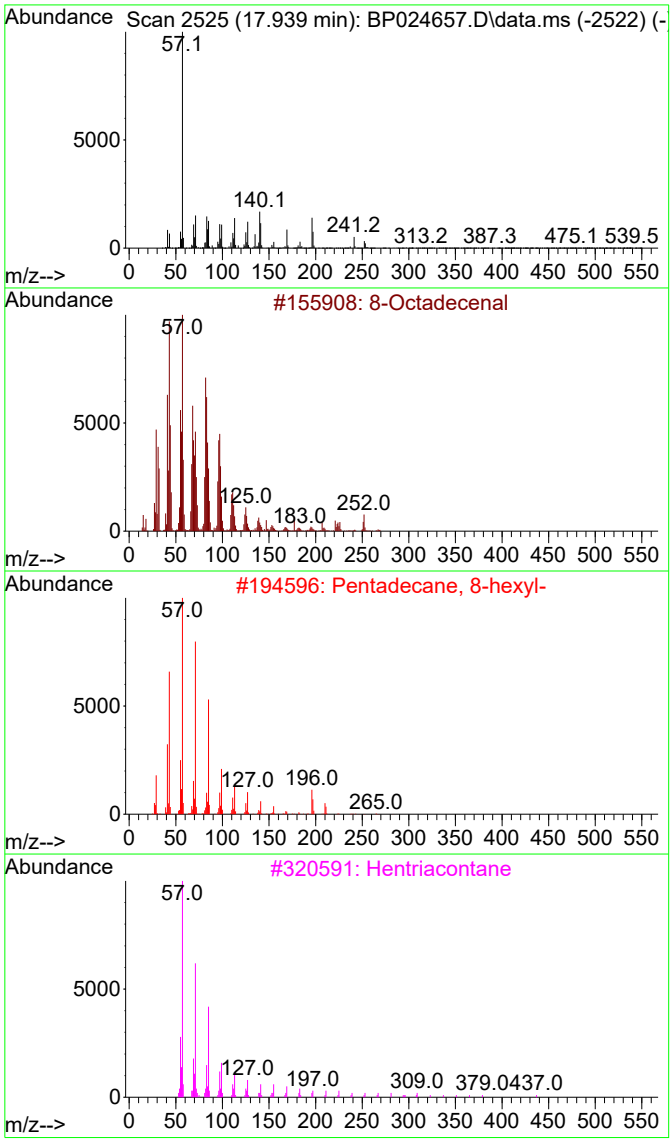
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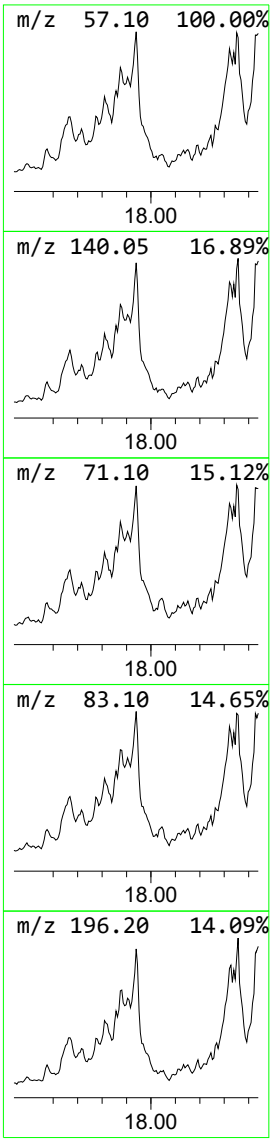
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Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	19.79 ng	11113000	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenal	266	C18H34O	056554-94-0	53
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	50
3	Hentriacontane	437	C31H64	000630-04-6	47
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	47
5	Pentacosane	352	C25H52	000629-99-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

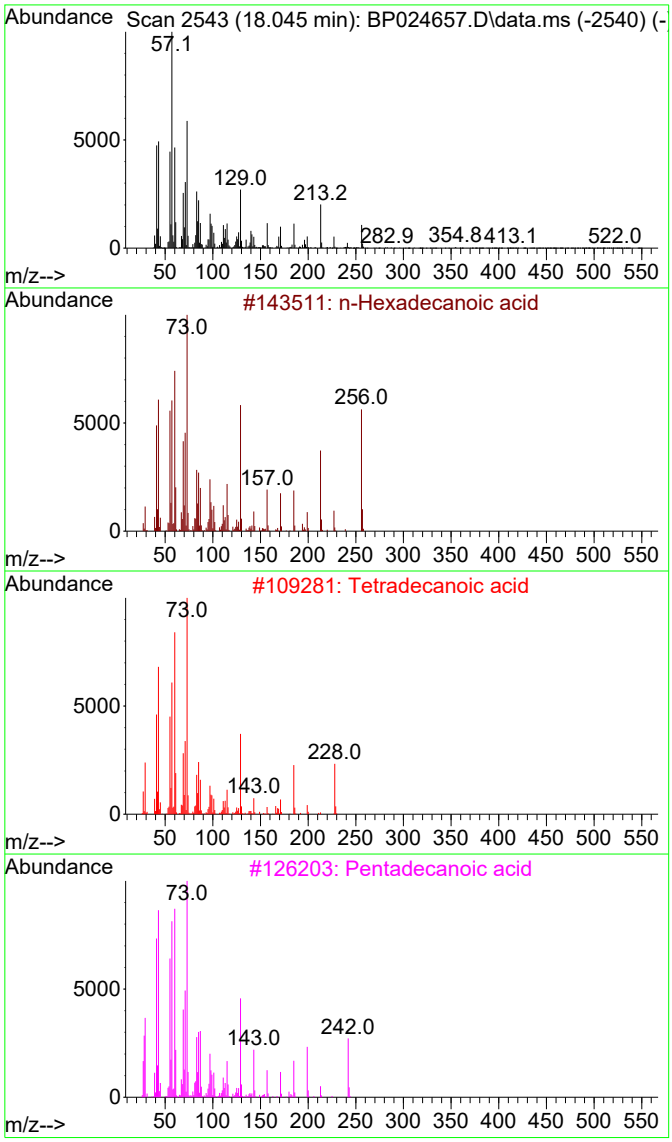
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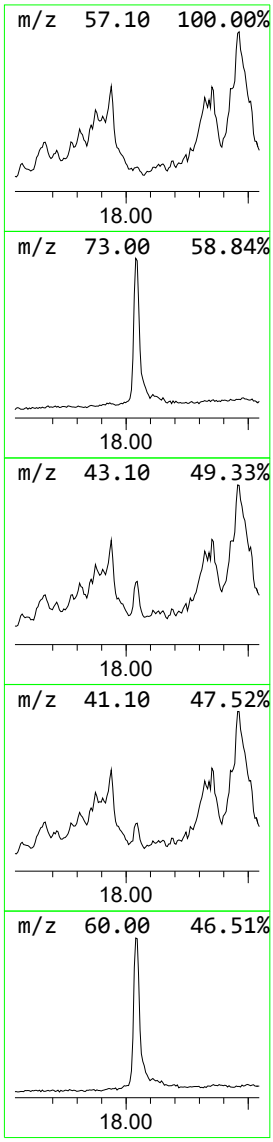
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Peak Number 9 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	2.69 ng	1513180	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

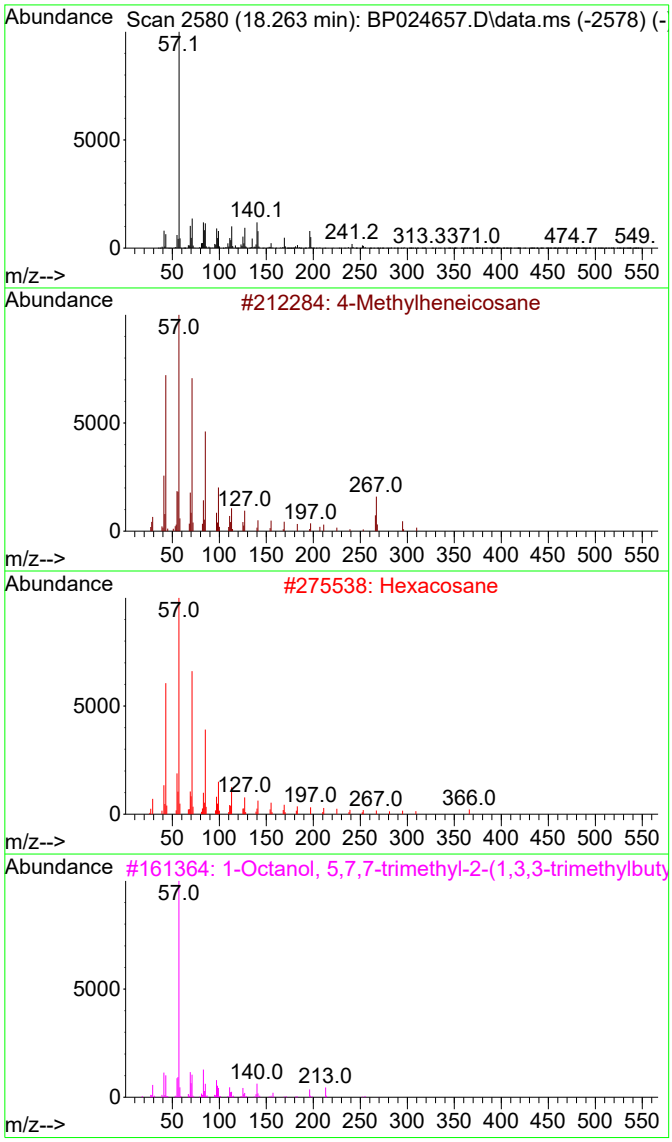
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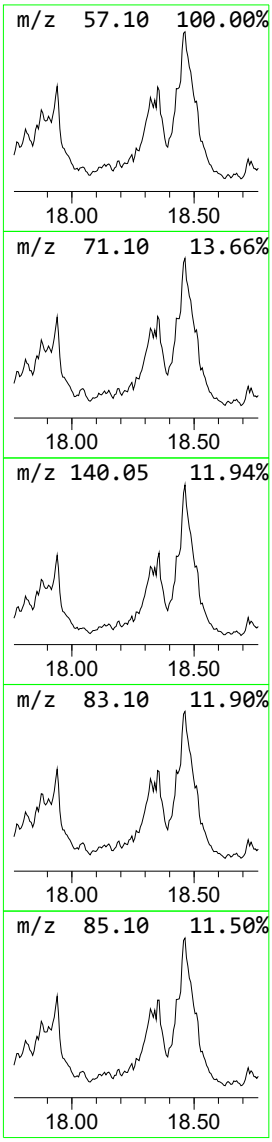
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Peak Number 10 4-Methylheneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.92 ng	1637930	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylheneicosane	310	C22H46	025117-29-7	50
2	Hexacosane	366	C26H54	000630-01-3	47
3	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	47
4	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	47
5	Decyl heptyl ether	256	C17H36O	1000406-39-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

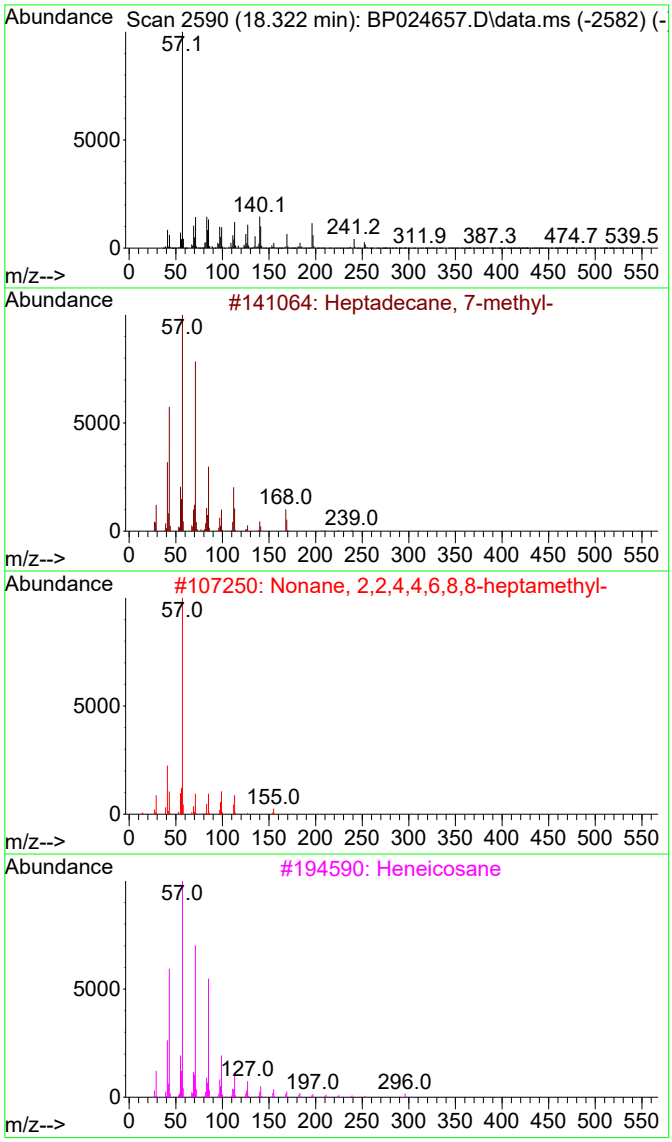
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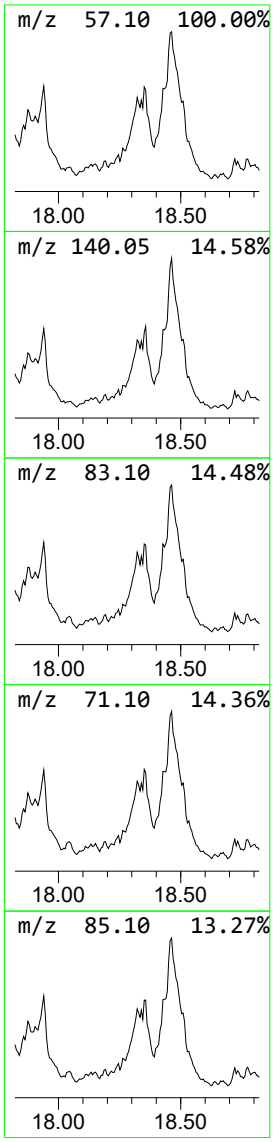
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Peak Number 11 unknown18.322 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	21.22 ng	11917900	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43
2	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
3	Heneicosane	296	C21H44	000629-94-7	38
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	30
5	Octanoic acid, 2-propenyl ester	184	C11H20O2	004230-97-1	30





Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

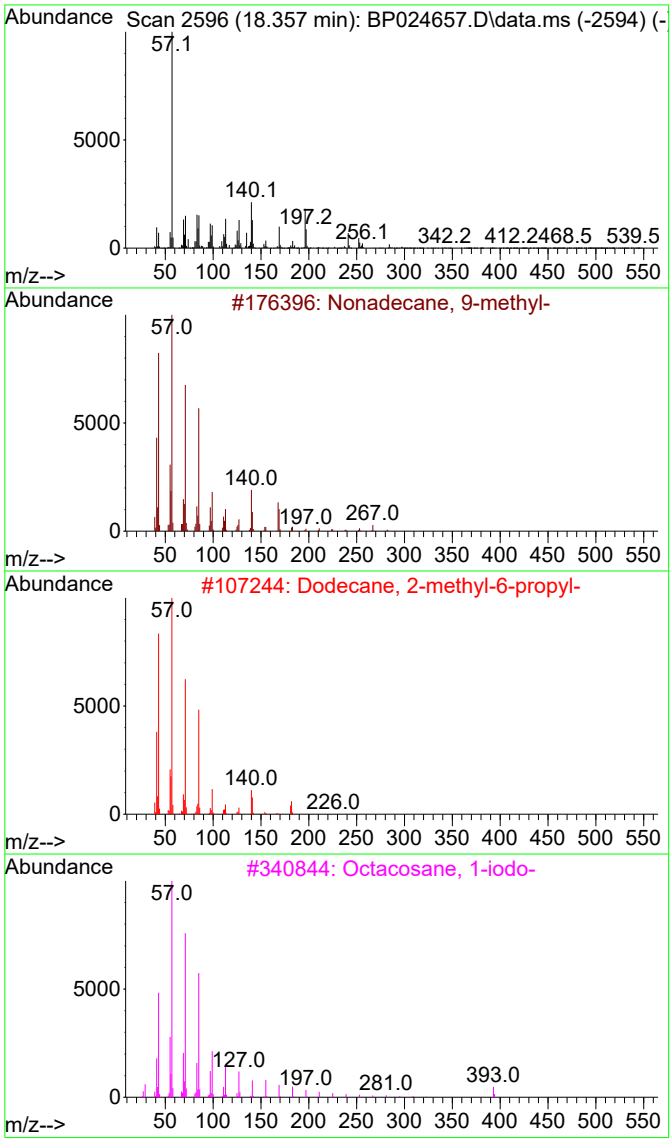
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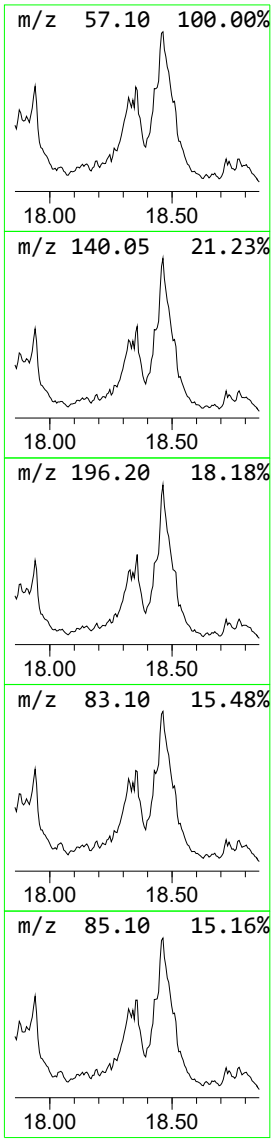
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Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	17.84 ng	10021900	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	50
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	38
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	38
4	Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	27
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

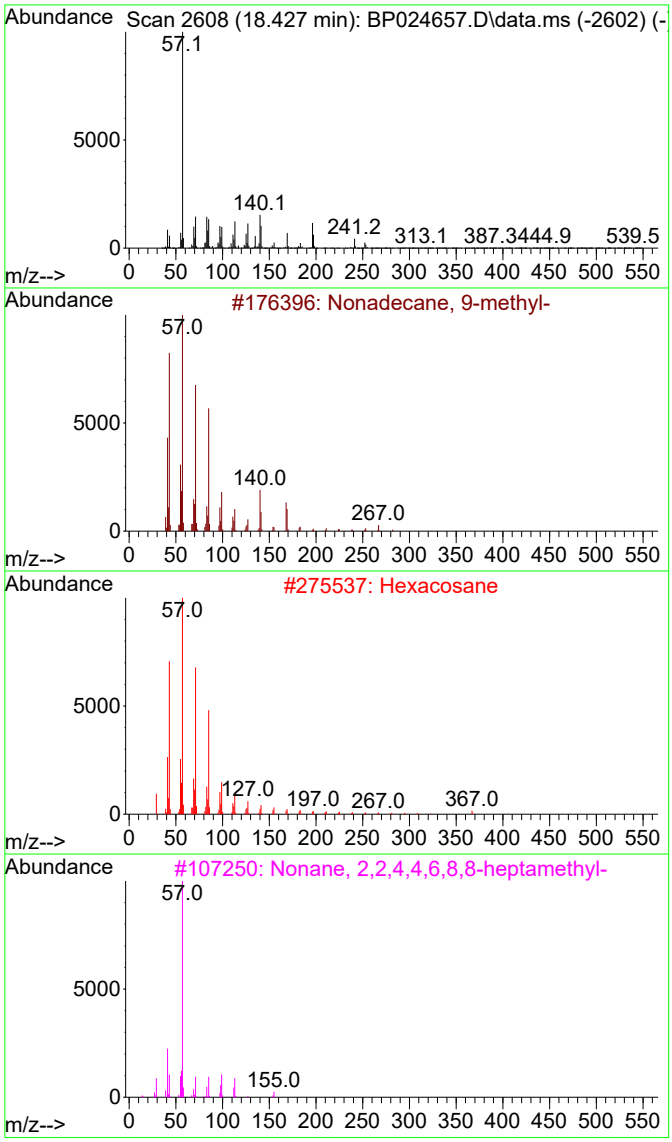
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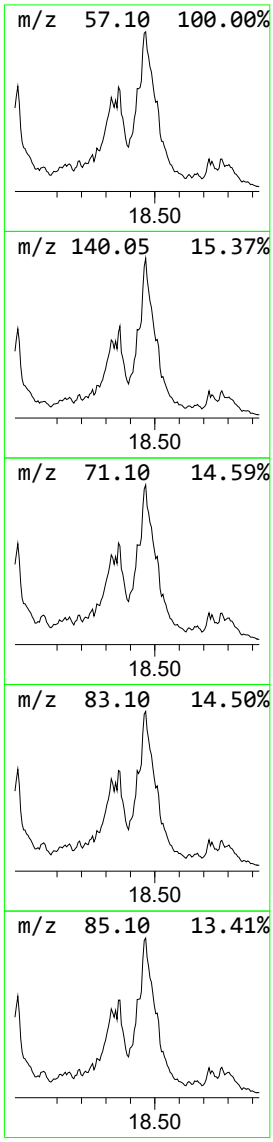
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Peak Number 13 unknown18.427 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	16.51 ng	9274340	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	47
2	Hexacosane	366	C26H54	000630-01-3	43
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
4	Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	38
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

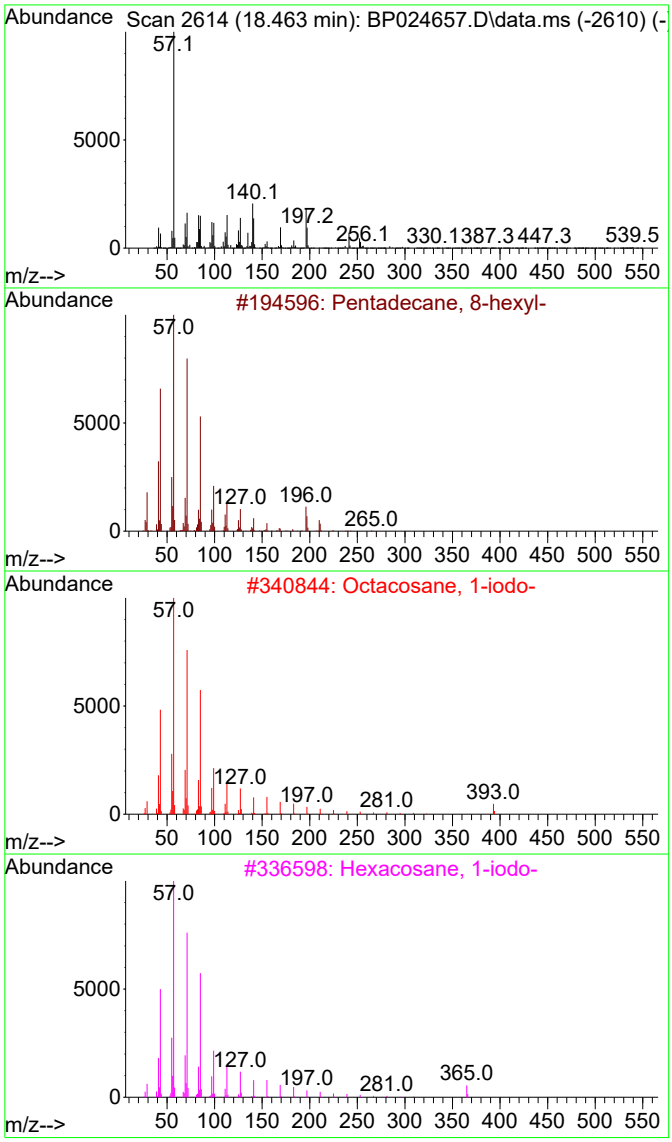
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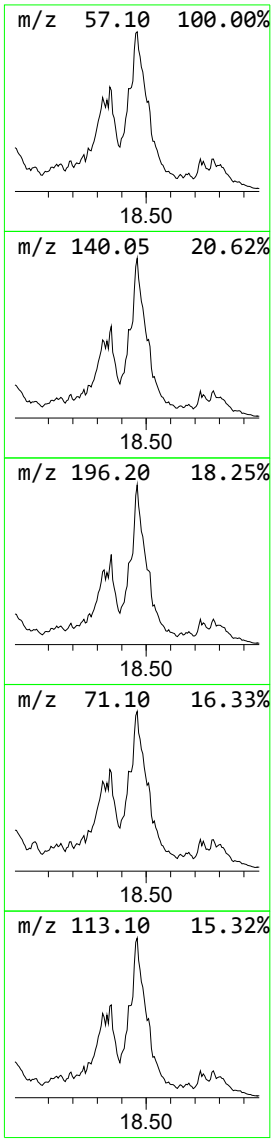
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Peak Number 14 unknown18.463 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	69.02 ng	38764900	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	35
2	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	27
3	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	27
4	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	27
5	Hentriacontane	437	C31H64	000630-04-6	22





Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

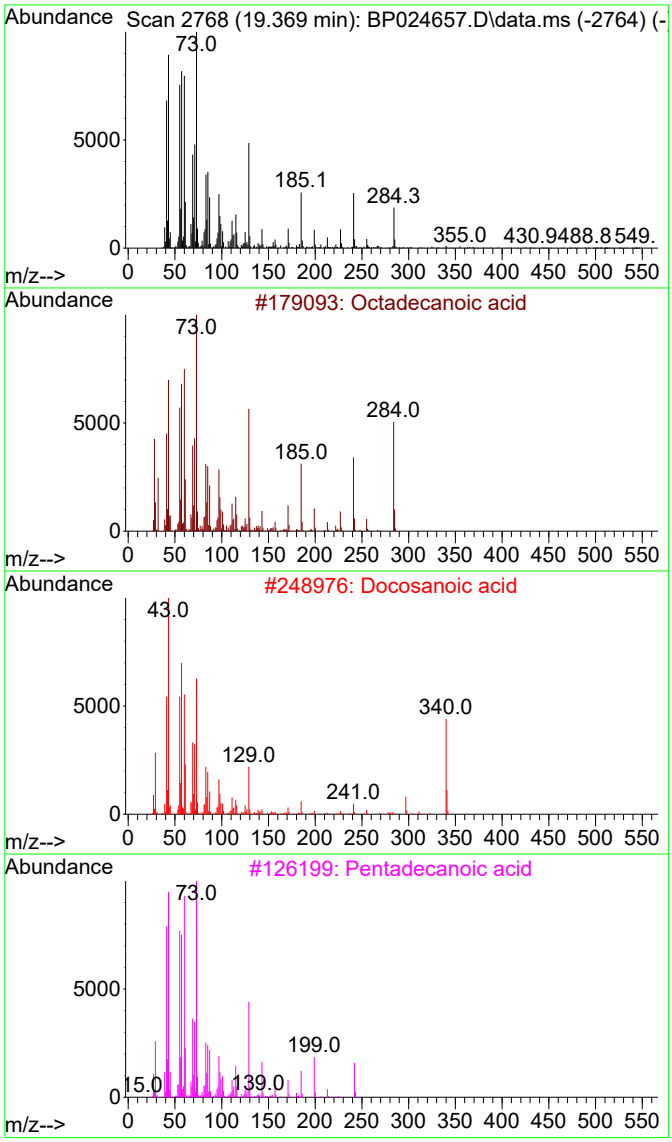
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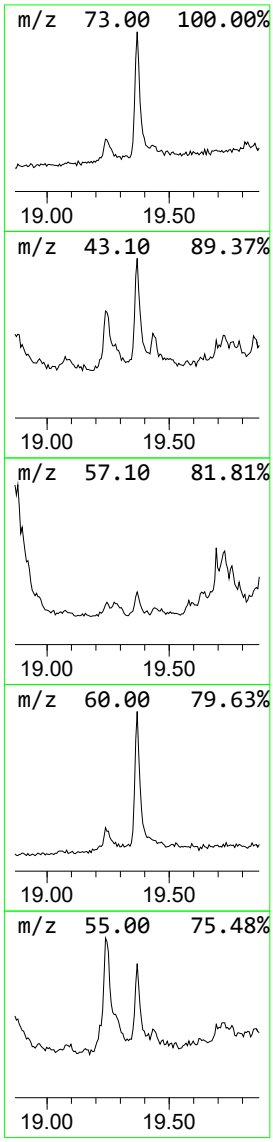
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Peak Number 15 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	4.58 ng	518587	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Docosanoic acid	340	C22H44O2	000112-85-6	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

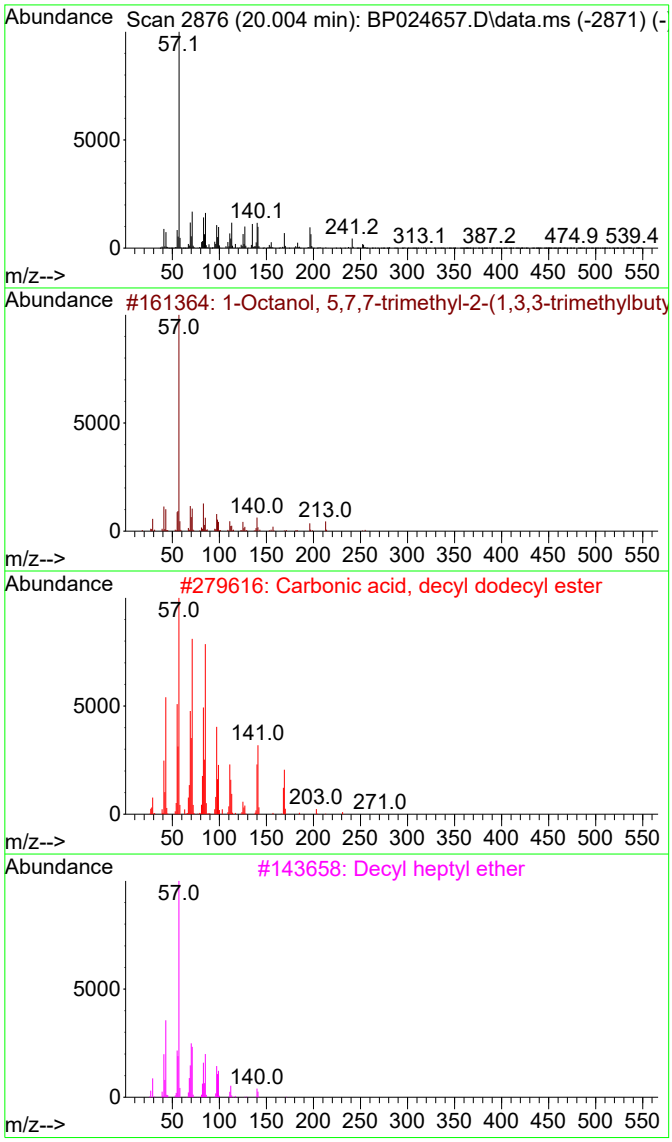
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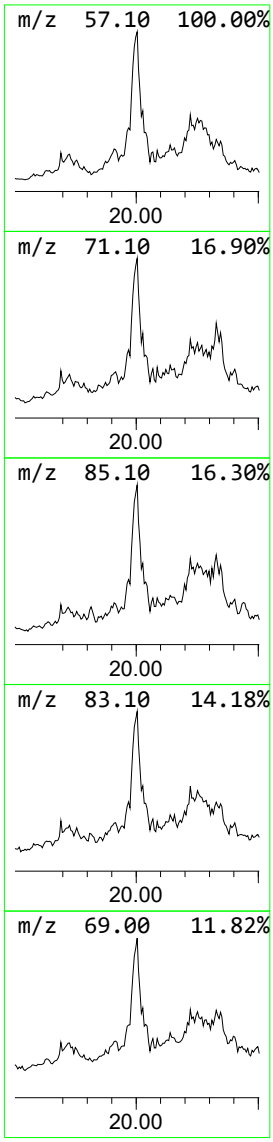
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Peak Number 16 unknown20.004 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	21.76 ng	2462810	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	46
2	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	38
3	Decyl heptyl ether	256	C17H36O	1000406-39-1	38
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	30
5	Carbonic acid, decyl tridecyl ester	384	C24H48O3	1000383-16-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

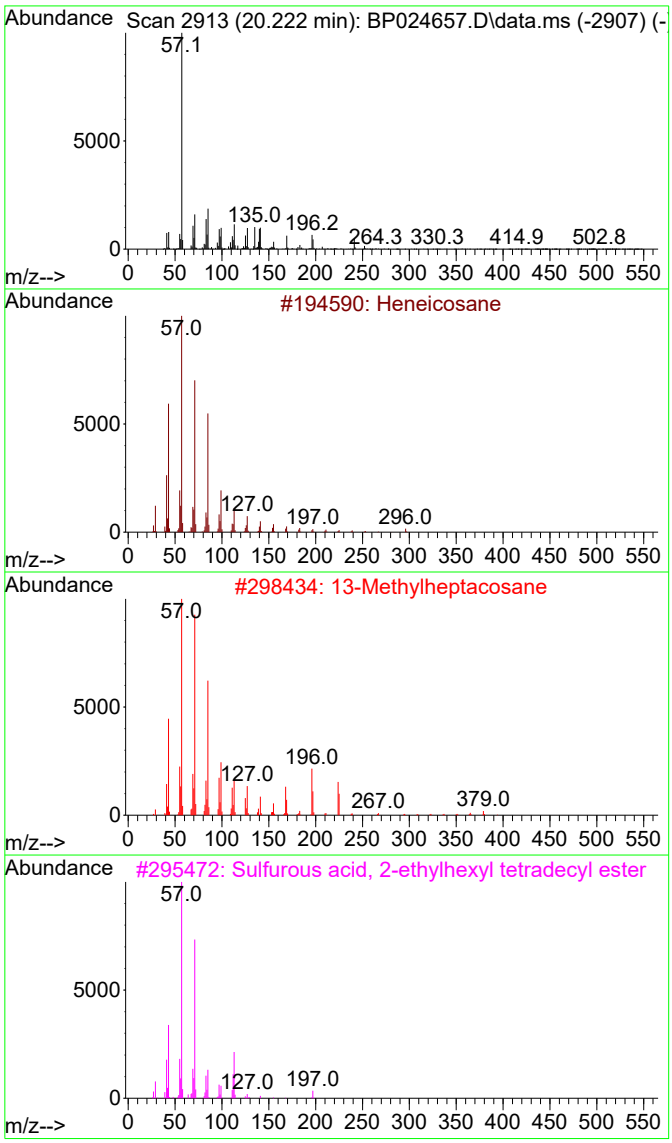
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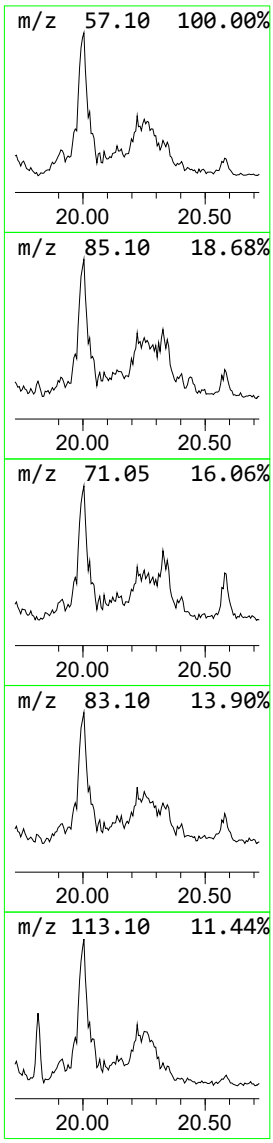
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Peak Number 17 unknown20.221 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	6.78 ng	767351	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	43
2	13-Methylheptacosane	394	C28H58	015689-72-2	43
3	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	38
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	38
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

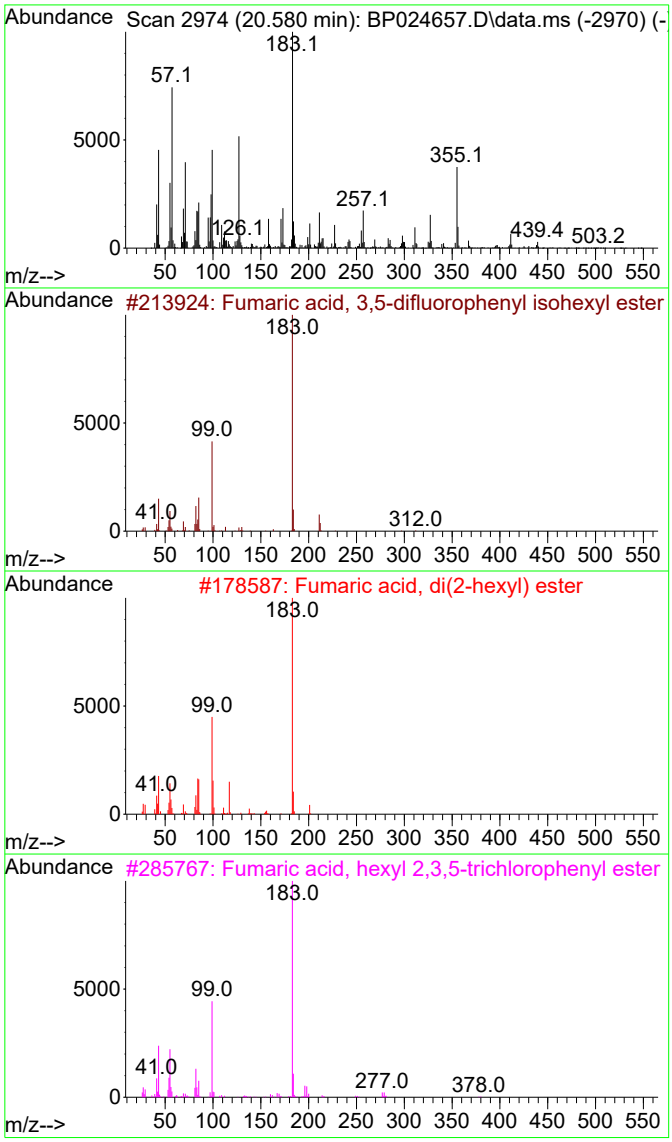
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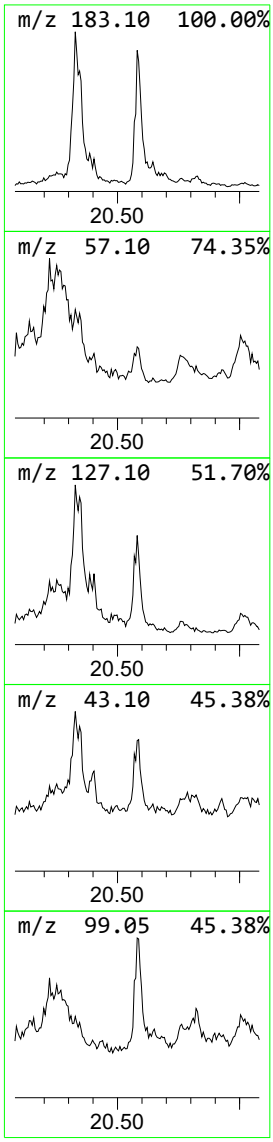
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Peak Number 18 Fumaric acid, 3,5-difluorop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.580	9.41 ng	1065050	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 3,5-difluorophenyl...	312	C16H18F2O4	1000339-37-2	55
2	Fumaric acid, di(2-hexyl) ester	284	C16H28O4	1000348-75-8	38
3	Fumaric acid, hexyl 2,3,5-trichl...	378	C16H17Cl3O4	1000348-14-5	38
4	{[3-(ethylsulfanyl)propyl]sulfan...	212	C11H16S2	004911-42-6	38
5	Fumaric acid, 2-formylphenyl iso...	304	C17H20O5	1000344-88-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

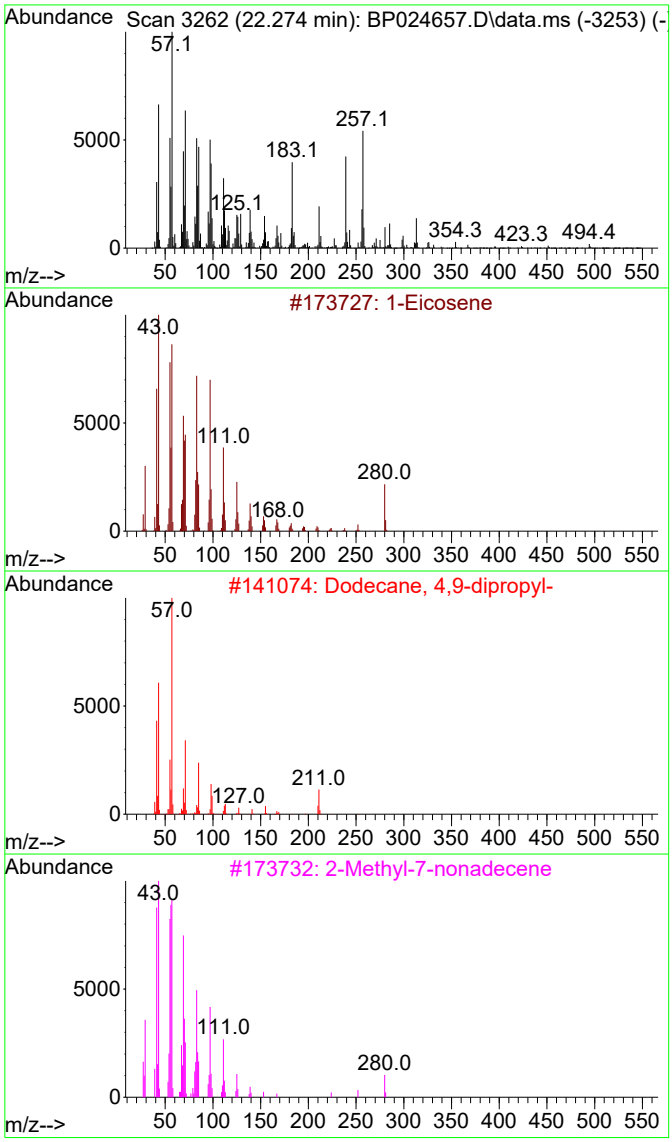
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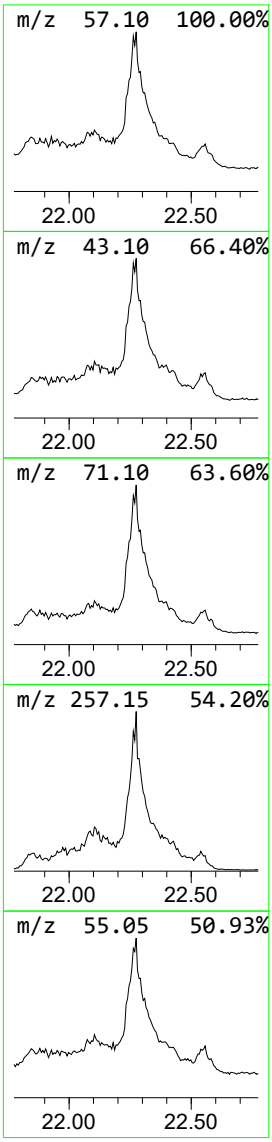
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Peak Number 19 unknown22.274 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.274	80.36 ng	9095260	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	35
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	20
3	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	20
4	2-Octyldodecyl isobutyrate	368	C24H48O2	1000368-55-5	20
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	15





Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

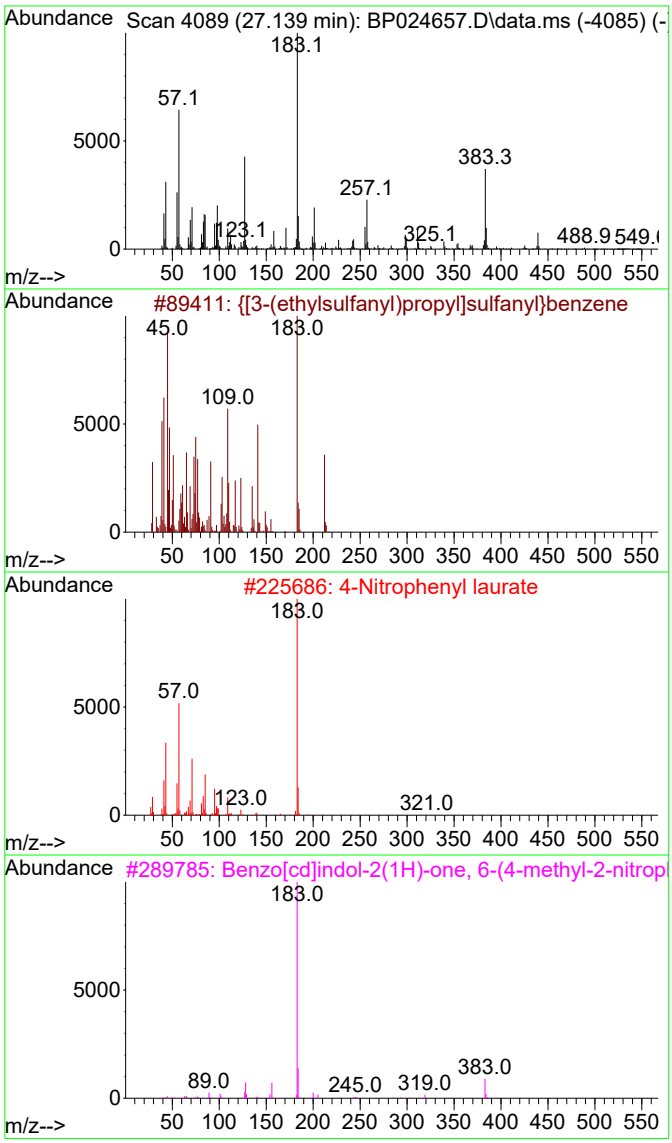
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

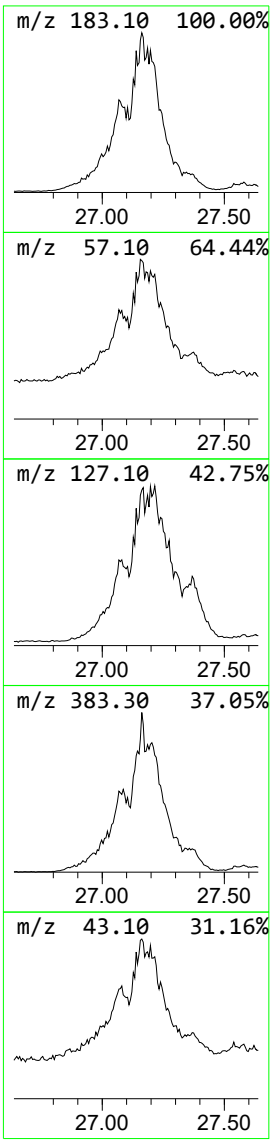
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TIC Integration Parameters: LSCINT.P

****
Peak Number 20 {[3-(ethylsulfanyl)propyl]s... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.139	3.86 ng	504860	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	{[3-(ethylsulfanyl)propyl]sulfan...	212	C11H16S2	004911-42-6	74
2	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	51
3	Benzo[cd]indol-2(1H)-one, 6-(4-m...	383	C18H13N3O5S	327043-60-7	38
4	2-(3-Bromobenzyl)-3-(3-bromophen...	438	C18H16Br2O3	1000202-01-4	38
5	Lauric anhydride	382	C24H46O3	000645-66-9	38





Sample Results: **BP024657.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	14.757	8.6	ng	668885	3	14.298	1552690	20.0
Dodecyl nonyl e...	16.022	4.0	ng	2265940	4	17.098	11232700	20.0
Carbonic acid, ...	17.575	3.5	ng	1953750	4	17.098	11232700	20.0
8-Octadecenal	17.669	9.0	ng	5033320	4	17.098	11232700	20.0
unknown17.810	17.810	2.7	ng	1518560	4	17.098	11232700	20.0
unknown17.857	17.857	2.5	ng	1406360	4	17.098	11232700	20.0
unknown17.875	17.875	2.7	ng	1497550	4	17.098	11232700	20.0
Pentadecane, 8-...	17.939	19.8	ng	11113000	4	17.098	11232700	20.0
n-Hexadecanoic ...	18.045	2.7	ng	1513180	4	17.098	11232700	20.0
4-Methylheneico...	18.263	2.9	ng	1637930	4	17.098	11232700	20.0
unknown18.322	18.322	21.2	ng	11917900	4	17.098	11232700	20.0
Nonadecane, 9-m...	18.357	17.8	ng	10021900	4	17.098	11232700	20.0
unknown18.427	18.427	16.5	ng	9274340	4	17.098	11232700	20.0
unknown18.463	18.463	69.0	ng	38764900	4	17.098	11232700	20.0
Octadecanoic acid	19.369	4.6	ng	518587	5	21.527	2263510	20.0
unknown20.004	20.004	21.8	ng	2462810	5	21.527	2263510	20.0
unknown20.221	20.221	6.8	ng	767351	5	21.527	2263510	20.0
Fumaric acid, 3...	20.580	9.4	ng	1065050	5	21.527	2263510	20.0
unknown22.274	22.274	80.4	ng	9095260	5	21.527	2263510	20.0
{[3-(ethylsulfa...	27.139	3.9	ng	504860	6	24.821	2617910	20.0

Raw Data: **BP024658.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-2-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024658.D	1	05/12/25 08:40	05/16/25 15:36	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

Raw Data: **BP024658.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-2-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024658.D	1	05/12/25 08:40	05/16/25 15:36	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-2-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024658.D	1	05/12/25 08:40	05/16/25 15:36	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	69.0		10 - 139	46%	SPK: 150
13127-88-3	Phenol-d6	42.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.5		49 - 133	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	82.5		48 - 125	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	140000	7.663			
1146-65-2	Naphthalene-d8	573000	10.428			
15067-26-2	Acenaphthene-d10	379000	14.292			
1517-22-2	Phenanthrene-d10	740000	17.092			
1719-03-5	Chrysene-d12	884000	21.515			
1520-96-3	Perylene-d12	1070000	24.798			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.50	AB		4.83	ug/L
000143-07-7	Dodecanoic acid	6.30	J		14.8	ug/L
000119-61-9	Benzophenone	2.60	J		15.7	ug/L
036400-98-3	1-Octanol, 5,7,7-trimethyl-2-(1,3,	2.70	J		16.3	ug/L
1000351-75-0	Hexacosyl trifluoroacetate	7.20	J		16.3	ug/L
010192-32-2	1-Tetracosene	5.50	J		16.3	ug/L
000544-63-8	Tetradecanoic acid	3.60	J		16.5	ug/L

Raw Data: **BP024658.D**

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-2-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024658.D	1	05/12/25 08:40	05/16/25 15:36	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	9.10	J		18.0	ug/L
017351-34-7	14-Pentadecenoic acid	3.10	J		19.2	ug/L
000057-11-4	Octadecanoic acid	3.60	J		19.4	ug/L
	unknown23.639	4.90	J		23.6	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_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Time: May 16 16:17:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	139709	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	573216	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	378521	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	740473	20.000	ng	0.00
76) Chrysene-d12	21.515	240	884322	20.000	ng	0.00
86) Perylene-d12	24.798	264	1071973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	563233	68.953	ng	0.02
7) Phenol-d6	6.899	99	442443	42.440	ng	0.05
23) Nitrobenzene-d5	8.810	82	992931	87.522	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	988592	154.058	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2427029	84.004	ng	0.00
79) Terphenyl-d14	19.815	244	4254152	82.488	ng	0.00
Target Compounds						Qvalue

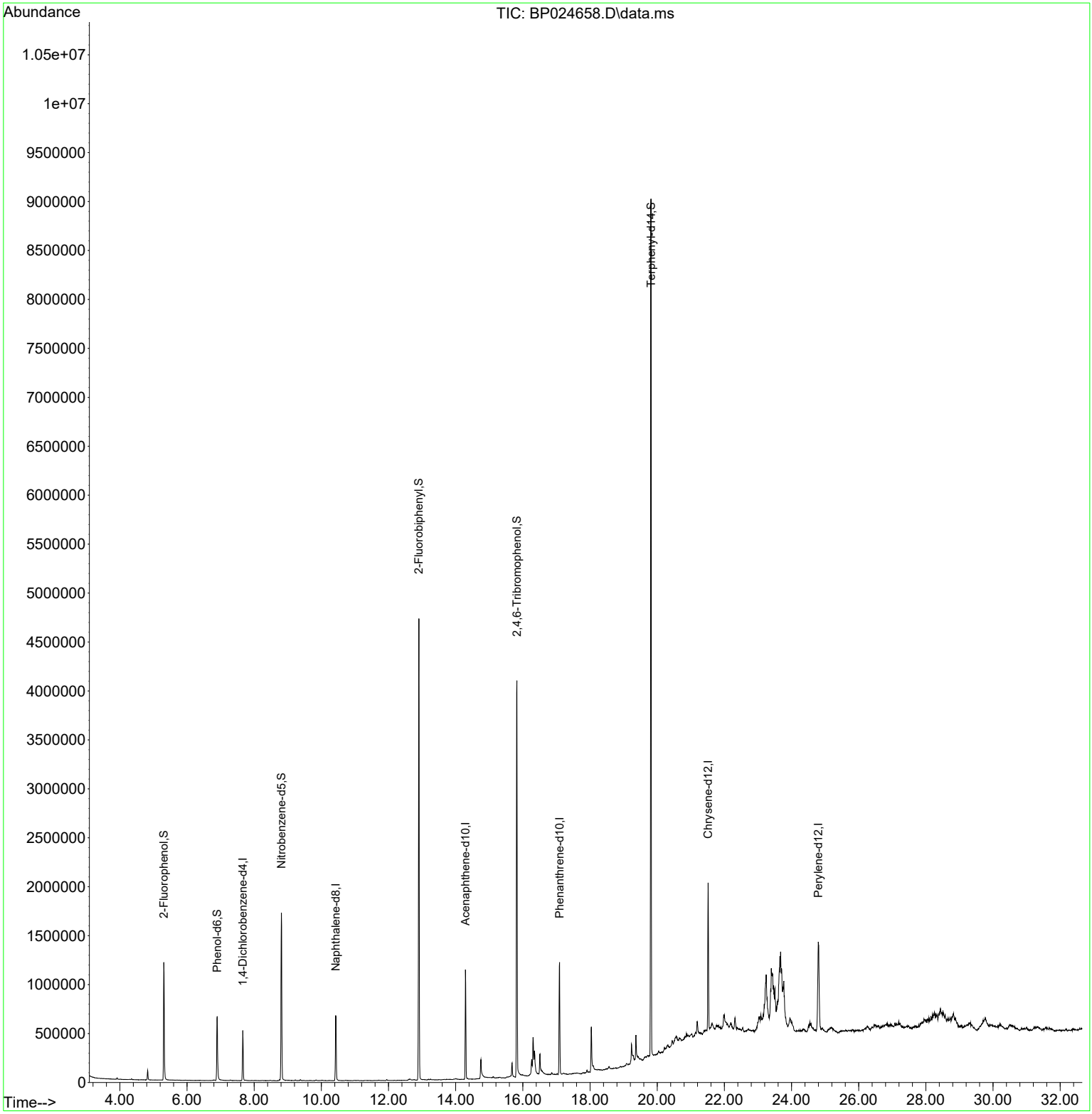
(#) = qualifier out of range (m) = manual integration (+) = signals summed

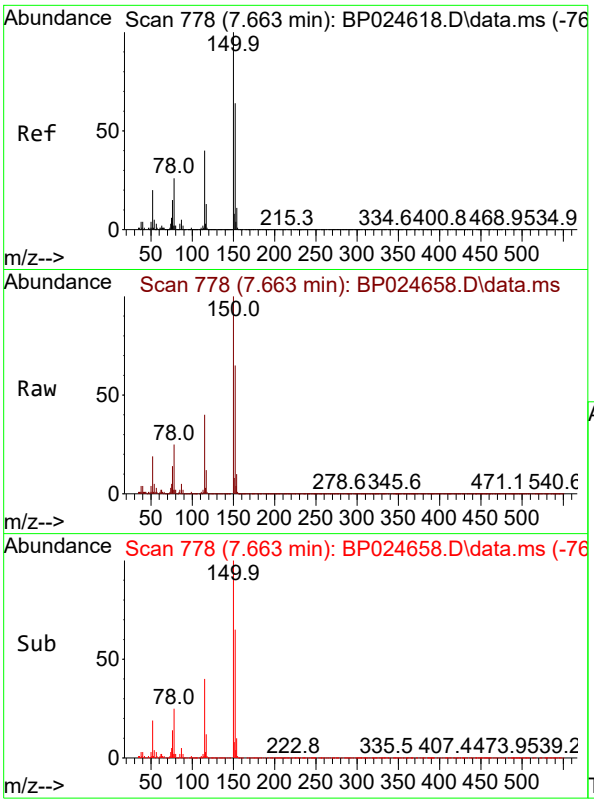
Sample Results: **BP024658.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Time: May 16 16:17:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



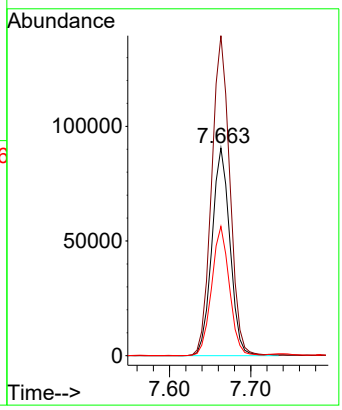


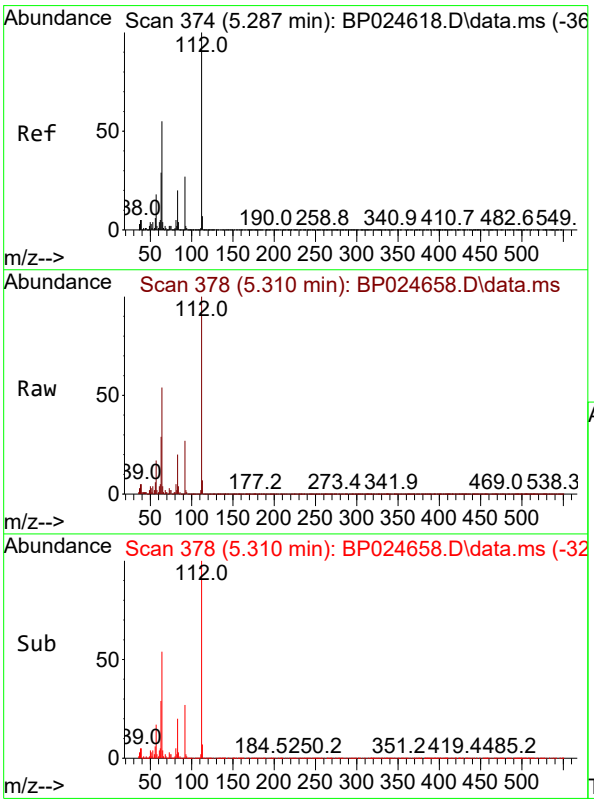
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Tgt Ion:152 Resp: 139709

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.9	188.9
115	62.3	50.1	75.1

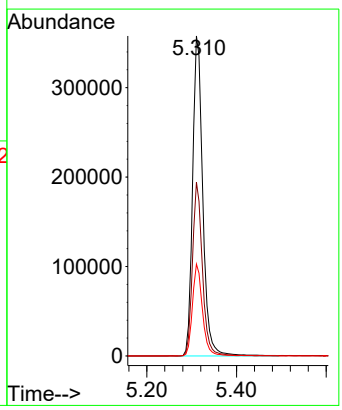


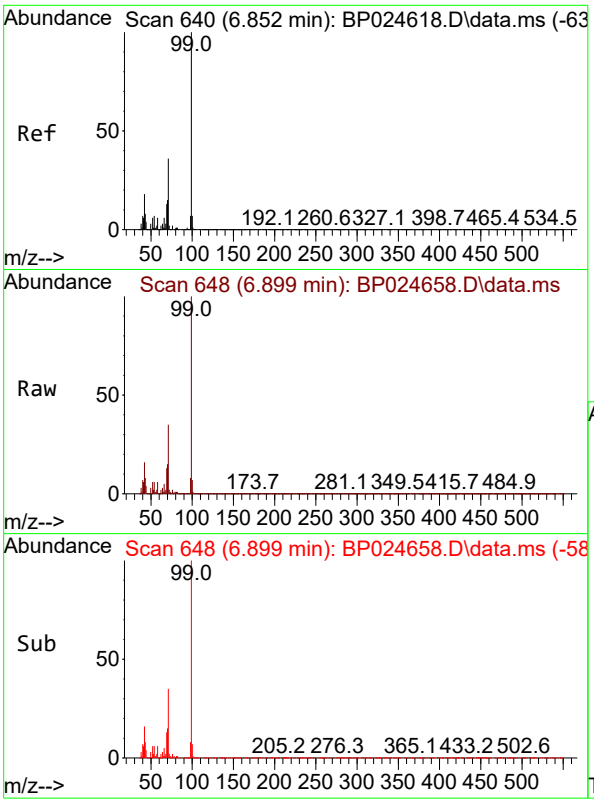


#5
2-Fluorophenol
Concen: 68.953 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.023 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:112 Resp: 563233

Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.1	66.1
63	28.7	23.5	35.3



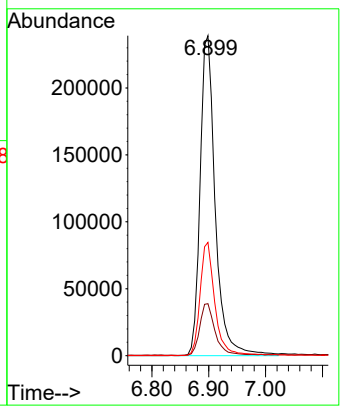


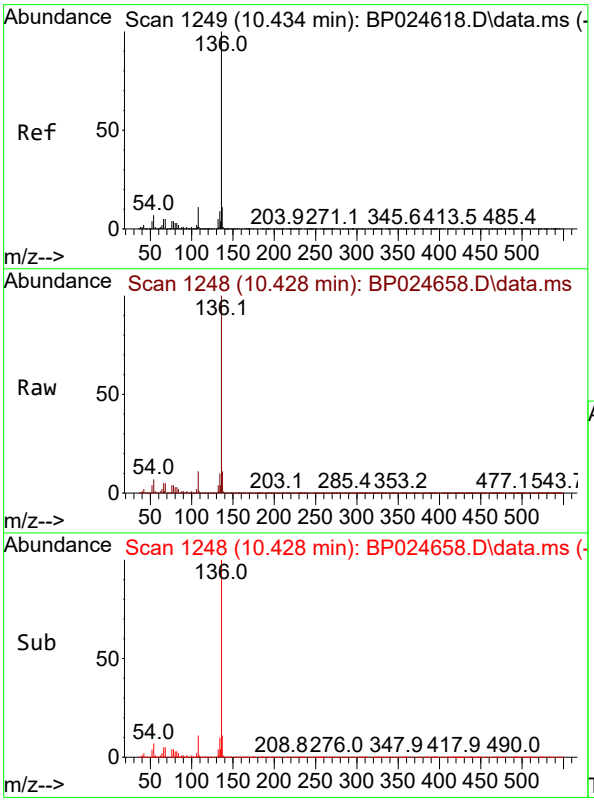
#7
Phenol-d6
Concen: 42.440 ng
RT: 6.899 min Scan# 64
Delta R.T. 0.047 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Tgt Ion: 99 Resp: 442443

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.4	21.6
71	35.4	29.2	43.8

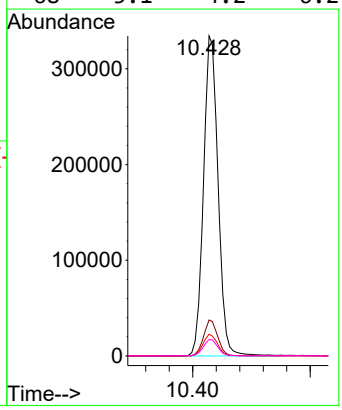


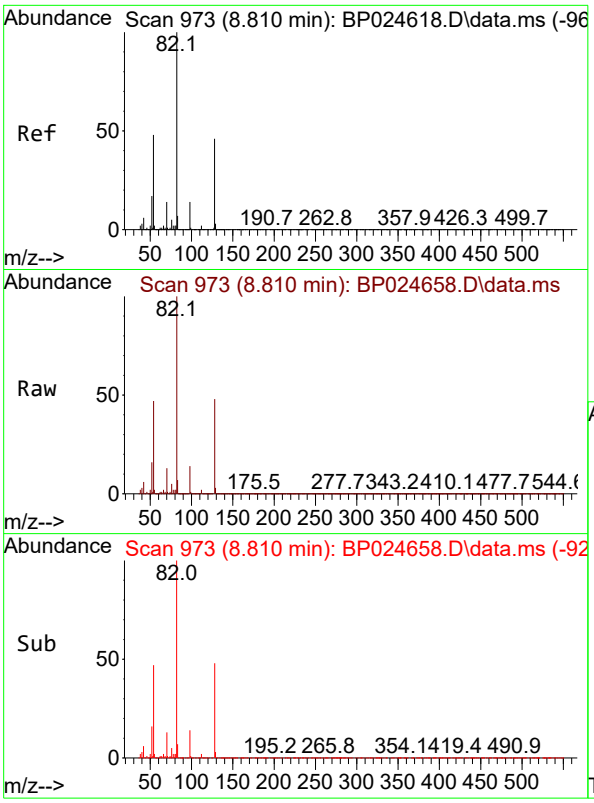


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:136 Resp: 573216

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.5	8.3
68	5.1	4.2	6.2



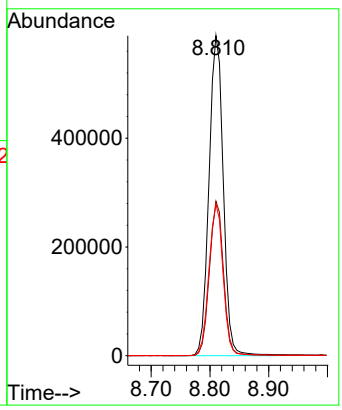


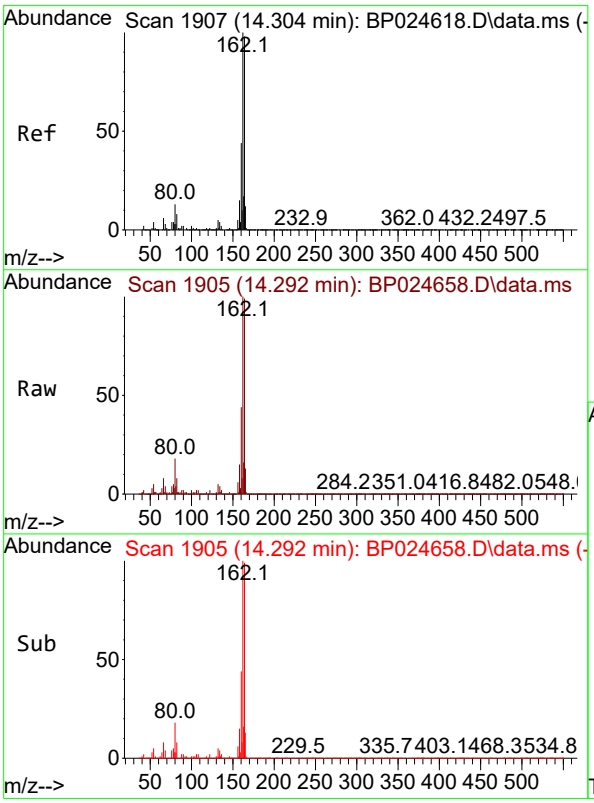
#23
Nitrobenzene-d5
Concen: 87.522 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Tgt Ion: 82 Resp: 992931

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.0	55.4
54	47.3	38.7	58.1

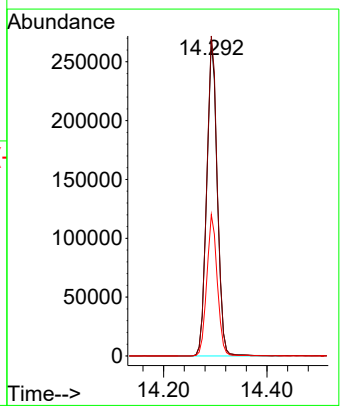


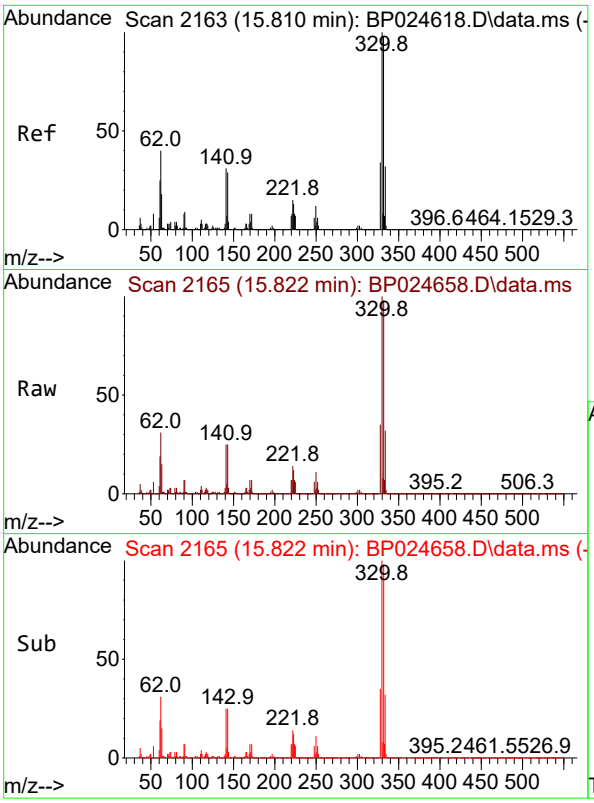


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:164 Resp: 378521

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.6
160	44.6	36.3	54.5



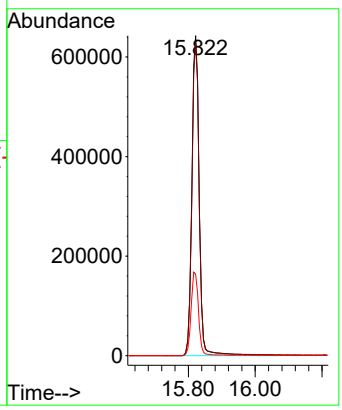


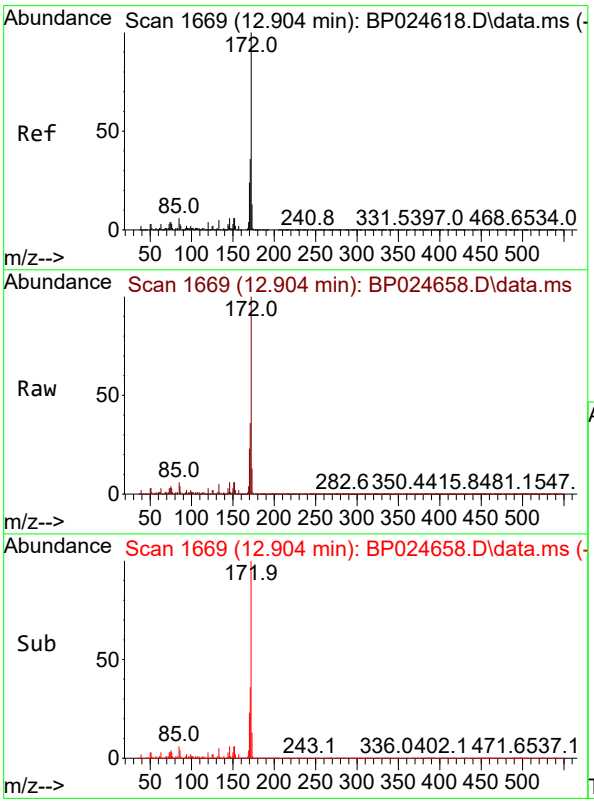
#42
2,4,6-Tribromophenol
Concen: 154.058 ng
RT: 15.822 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Tgt Ion:330 Resp: 988592

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.4
141	26.1	24.3	36.5

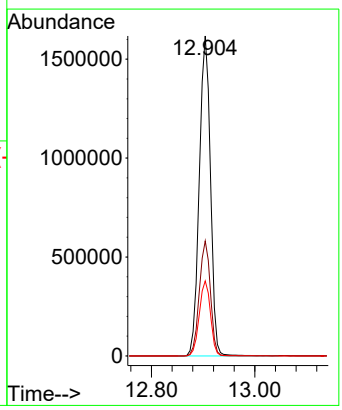


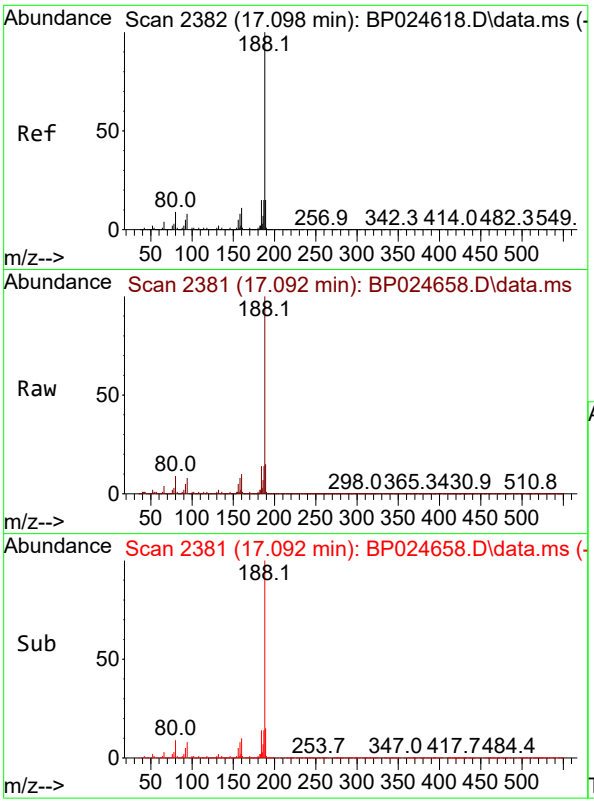


#45
2-Fluorobiphenyl
Concen: 84.004 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:172 Resp: 2427029

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.4	18.8	28.2



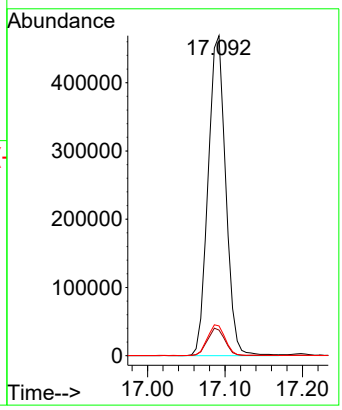


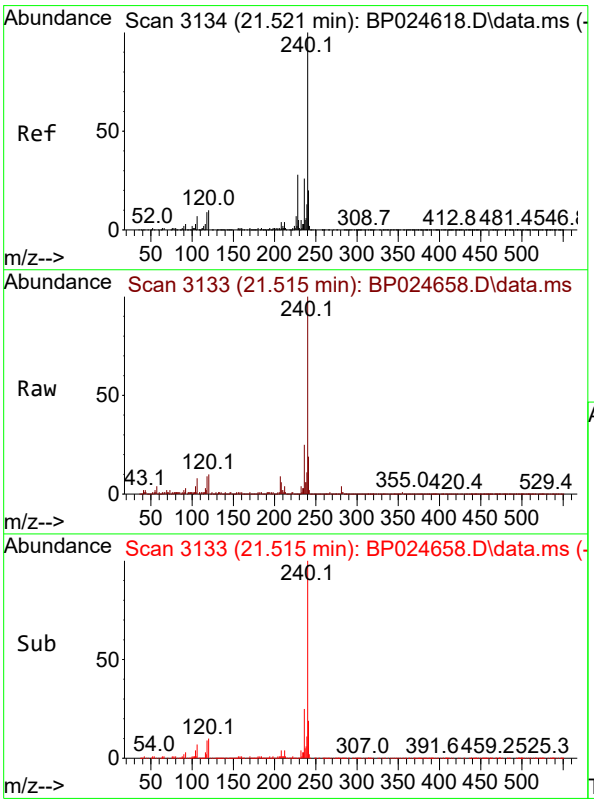
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Tgt Ion:188 Resp: 740473

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.3	7.3	10.9

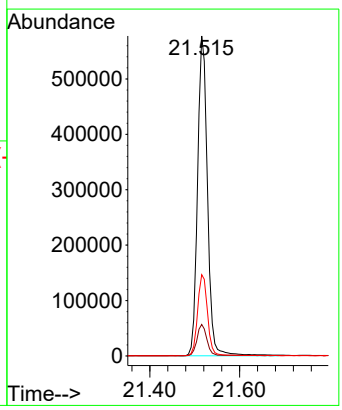


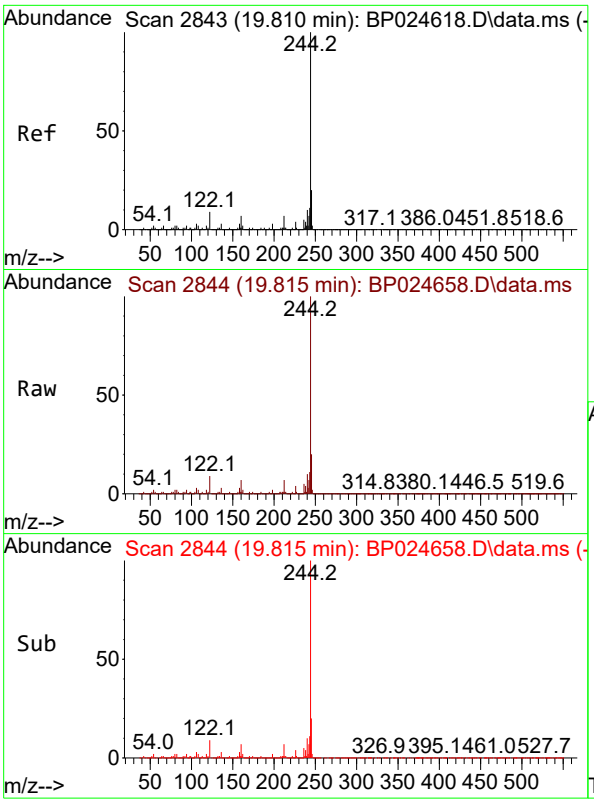


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:240 Resp: 884322

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	25.4	20.6	31.0



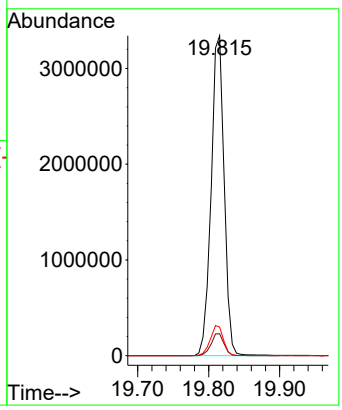


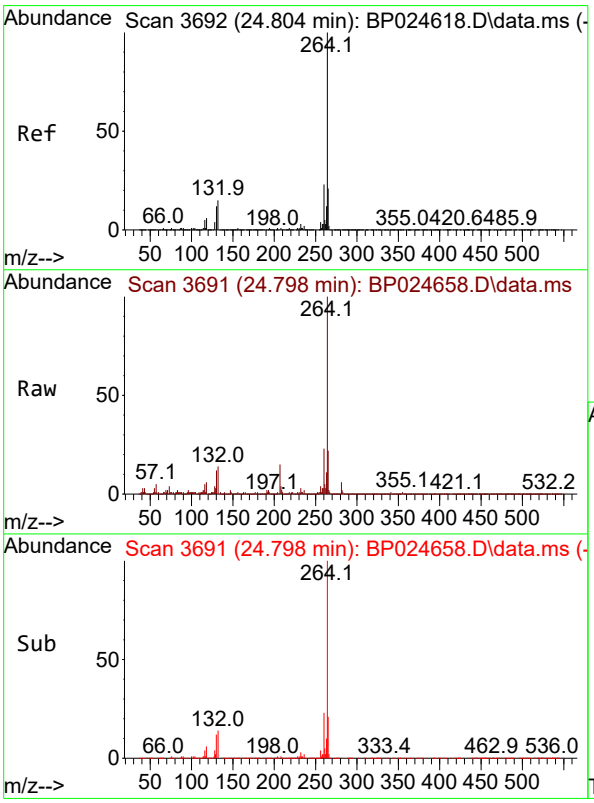
#79
Terphenyl-d14
Concen: 82.488 ng
RT: 19.815 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Tgt Ion:244 Resp: 4254152

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.0	7.4	11.0

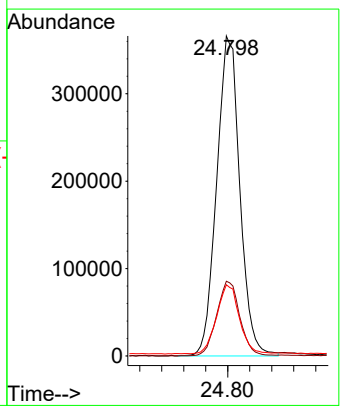




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:264 Resp: 1071973

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.2	17.0	25.6



Sample Results: **BP024658.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	289	296	306	rBV	96956	138525	1.24%	0.304%
2	5.310	372	378	398	rBV	1202392	1860484	16.59%	4.088%
3	6.899	639	648	666	rBV	654944	1231673	10.99%	2.706%
4	7.663	768	778	787	rBV	513140	801762	7.15%	1.762%
5	8.810	966	973	986	rBV	1708688	2849108	25.41%	6.261%
6	10.428	1241	1248	1263	rBV	664814	1147420	10.23%	2.521%
7	12.904	1660	1669	1683	rBV	4715564	7058931	62.96%	15.511%
8	14.292	1899	1905	1913	rBV	1120920	1601586	14.28%	3.519%
9	14.751	1976	1983	2000	rBV2	195547	501488	4.47%	1.102%
10	15.680	2136	2141	2147	rVB	138242	210501	1.88%	0.463%
11	15.822	2158	2165	2183	rBV	4052376	6311005	56.29%	13.868%
12	16.263	2235	2240	2243	rBV	144337	244852	2.18%	0.538%
13	16.304	2243	2247	2251	rVV	370631	665717	5.94%	1.463%
14	16.345	2251	2254	2269	rVB	233573	508682	4.54%	1.118%
15	16.510	2277	2282	2287	rBV	201904	335981	3.00%	0.738%
16	17.092	2374	2381	2392	rBV	1148093	1850556	16.51%	4.066%
17	18.039	2536	2542	2549	rBV	465038	845129	7.54%	1.857%
18	19.233	2742	2745	2751	rBV	172266	288965	2.58%	0.635%
19	19.368	2764	2768	2777	rBV	247268	408595	3.64%	0.898%
20	19.815	2838	2844	2859	rBV	8750773	11211693	100.00%	24.637%
21	21.515	3128	3133	3141	rBV2	1506265	2265202	20.20%	4.978%
22	23.398	3451	3453	3454	rBV	238364	189916	1.69%	0.417%
23	23.639	3488	3494	3495	rBV3	348528	581276	5.18%	1.277%
24	24.798	3684	3691	3701	rVB	872043	2399313	21.40%	5.272%

Sum of corrected areas: 45508360

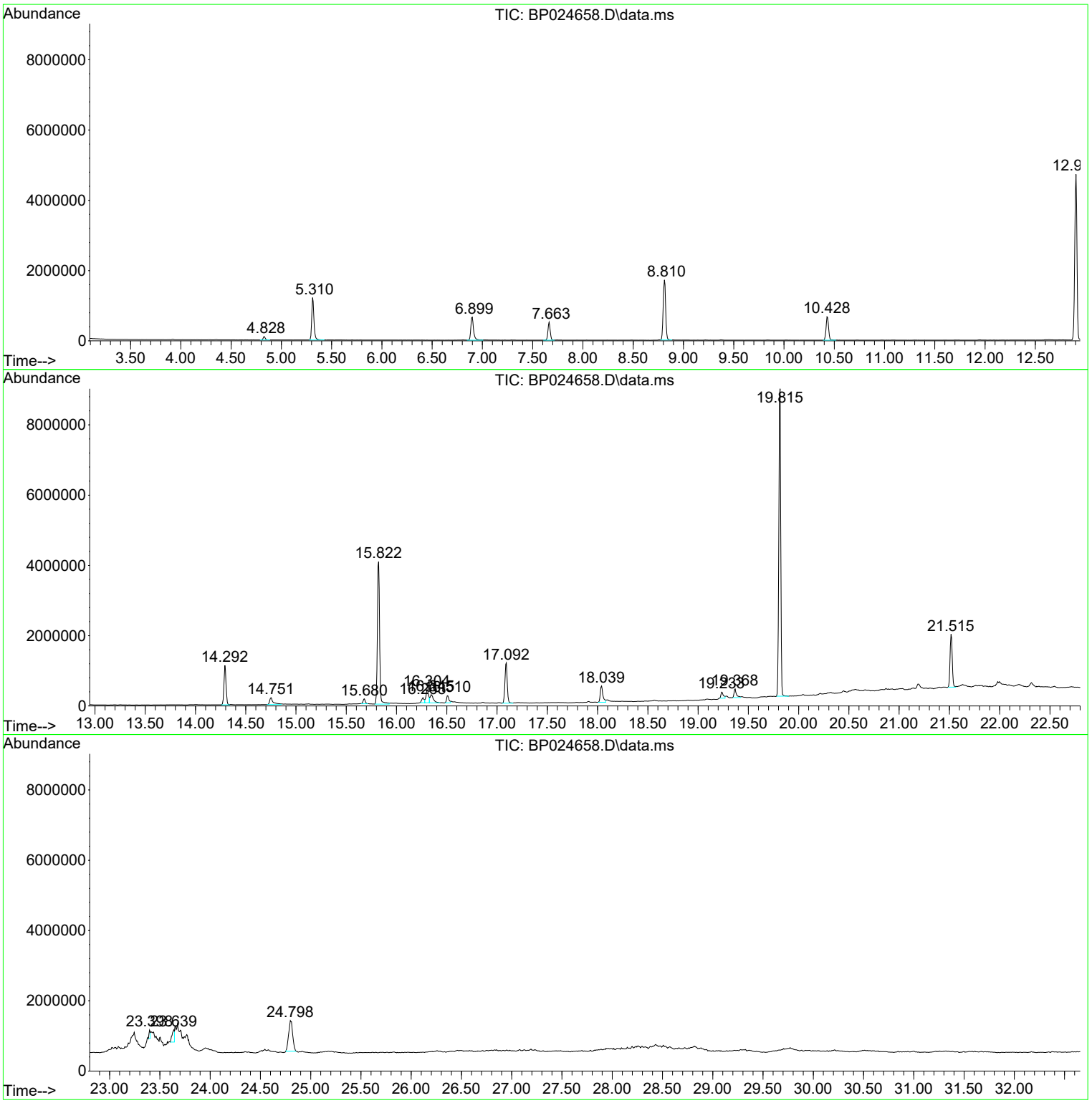
Sample Results: **BP024658.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BP024658.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

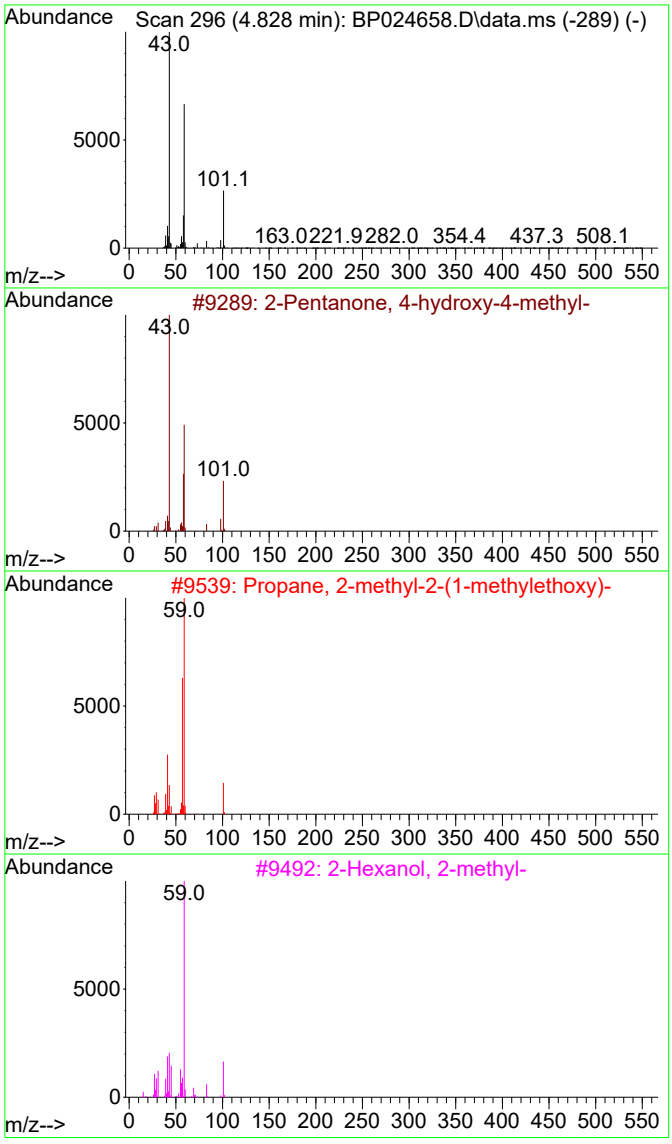
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

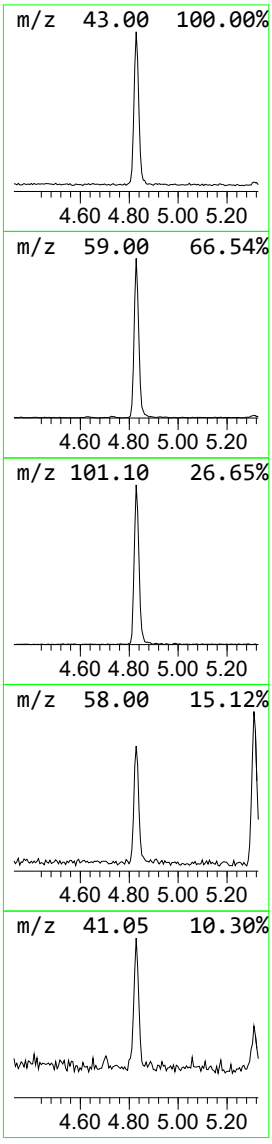
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.828	3.46 ng	138525	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Tetraglyme	222	C10H22O5	000143-24-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

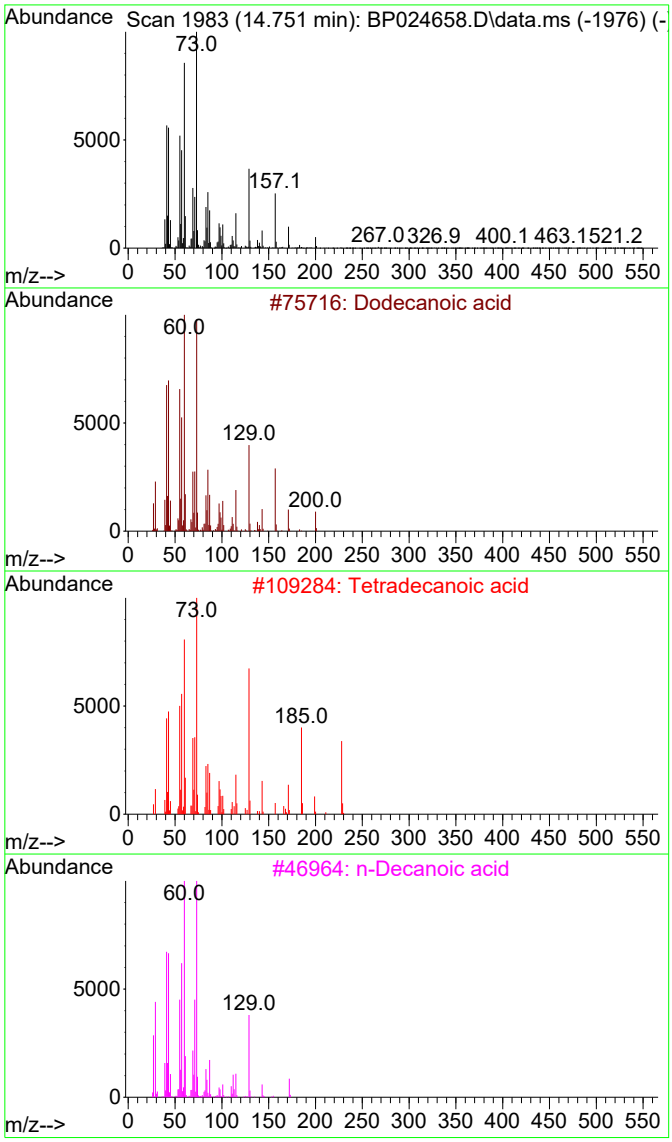
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TIC Integration Parameters: LSCINT.P

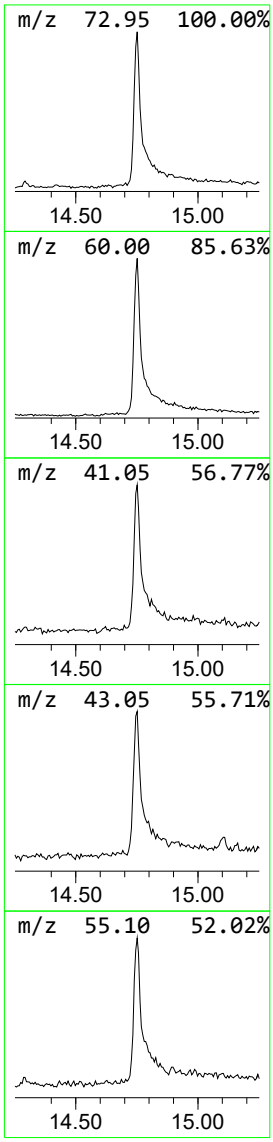
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Peak Number 2 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	6.26 ng	501488	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Nonanoic acid	158	C9H18O2	000112-05-0	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





Sample Results: **BP024658.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

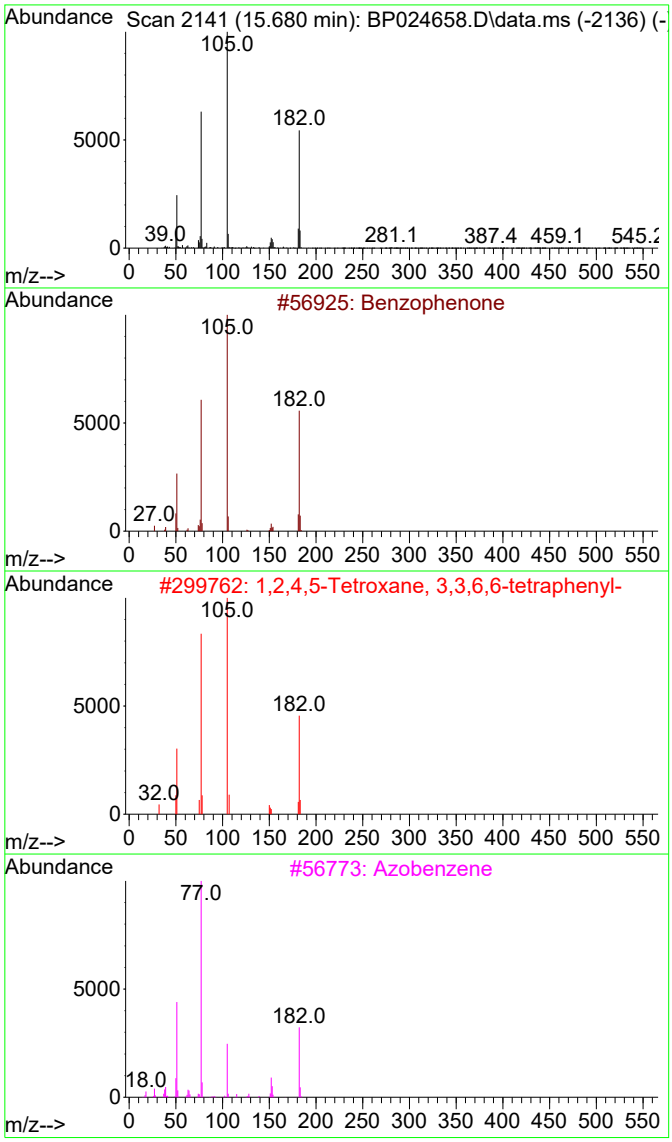
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

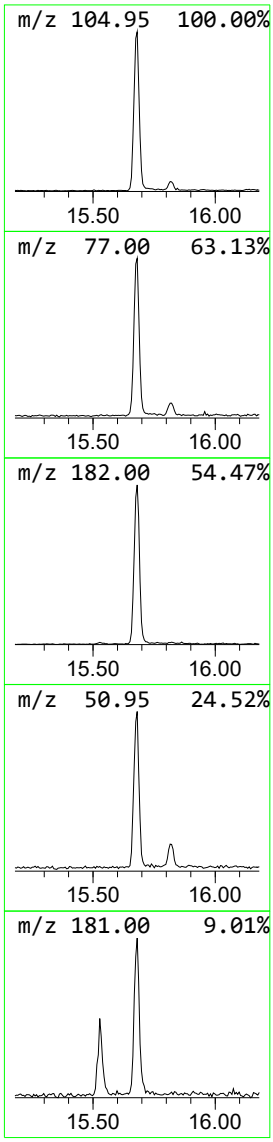
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Peak Number 3 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.680	2.63 ng	210501	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

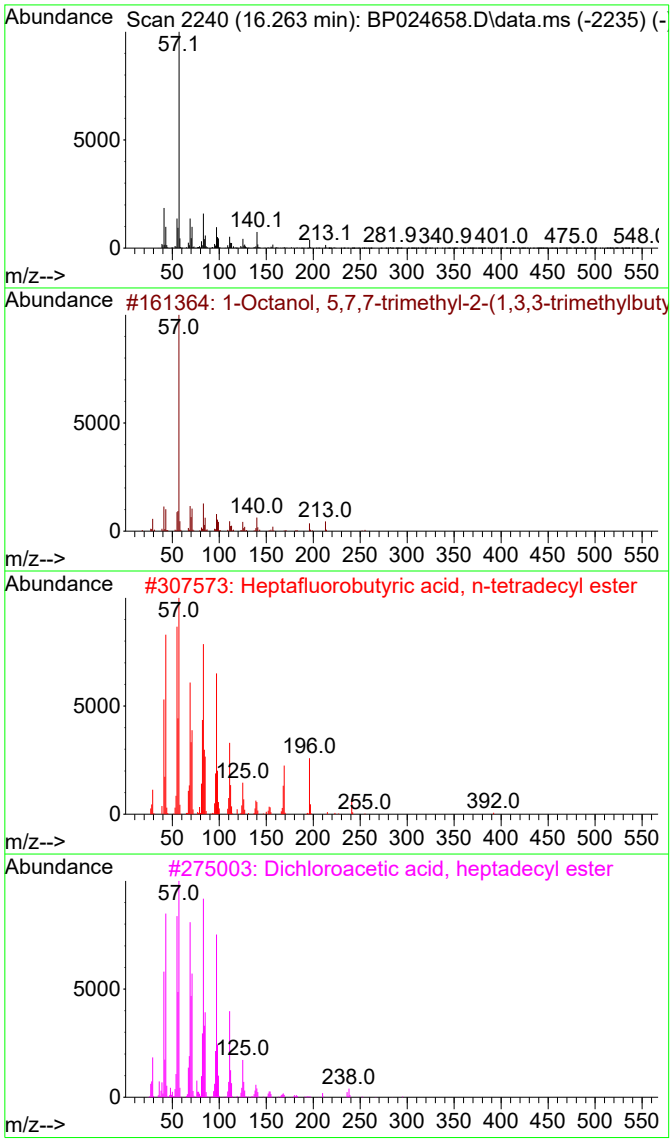
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

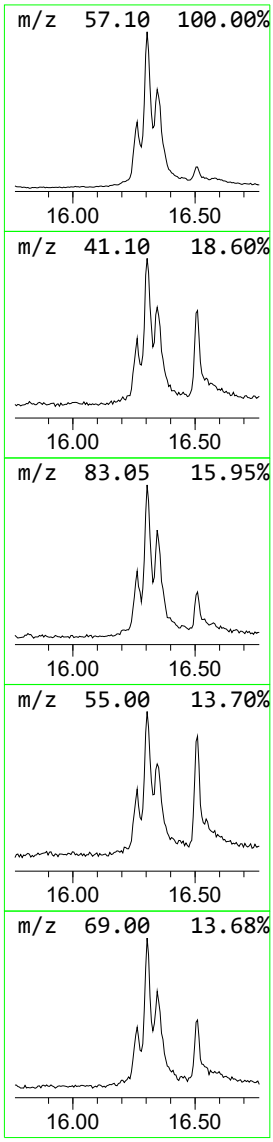
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	2.65 ng	244852	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	64
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	58
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	52
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	52
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

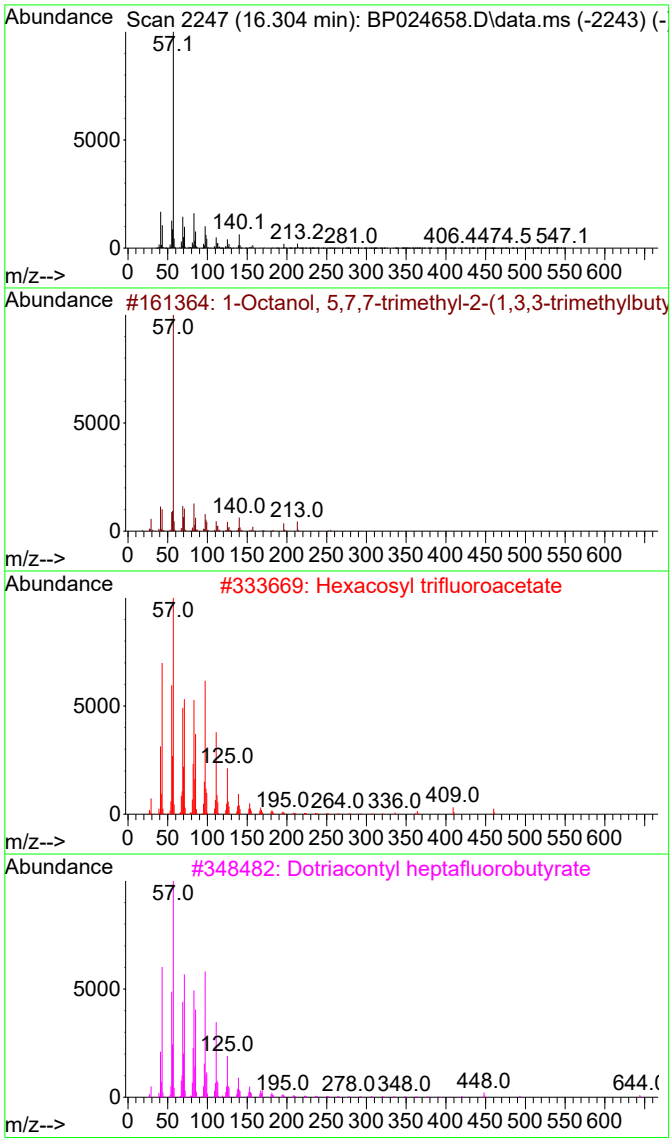
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TIC Integration Parameters: LSCINT.P

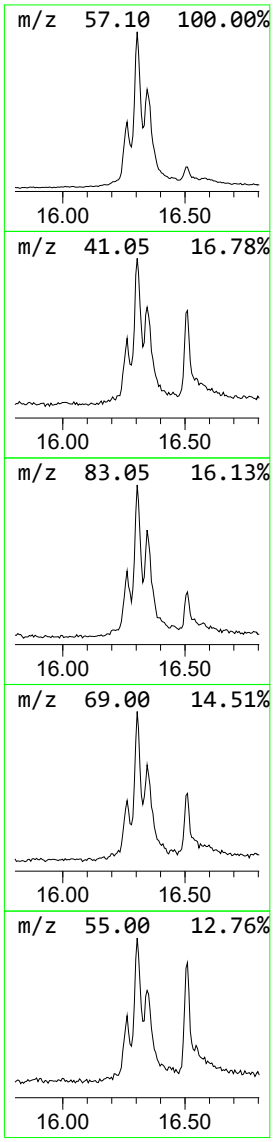
****

Peak Number 5 Hexacosyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	7.19 ng	665717	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	80
2	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	50
3	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	50
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	50
5	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

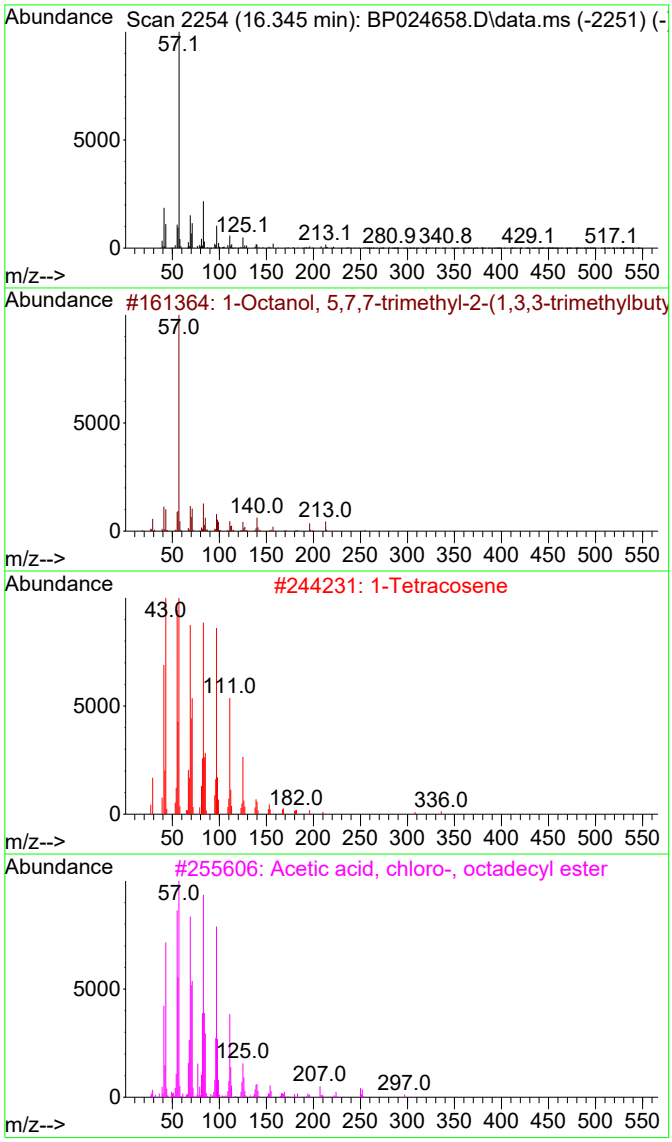
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TIC Integration Parameters: LSCINT.P

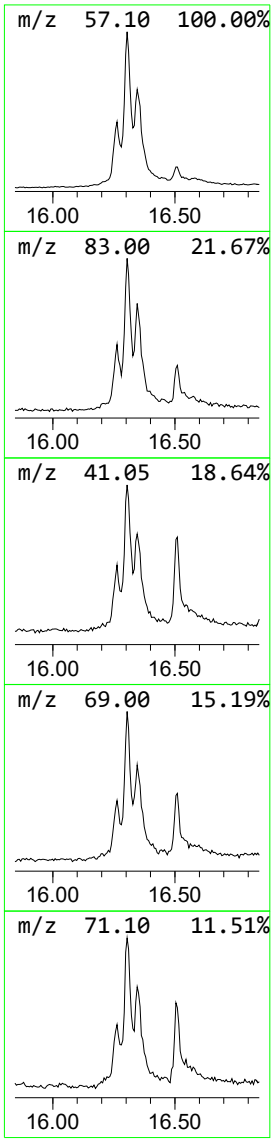
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Peak Number 6 1-Tetracosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.345	5.50 ng	508682	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	72
2	1-Tetracosene	336	C24H48	010192-32-2	53
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	53
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	50
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

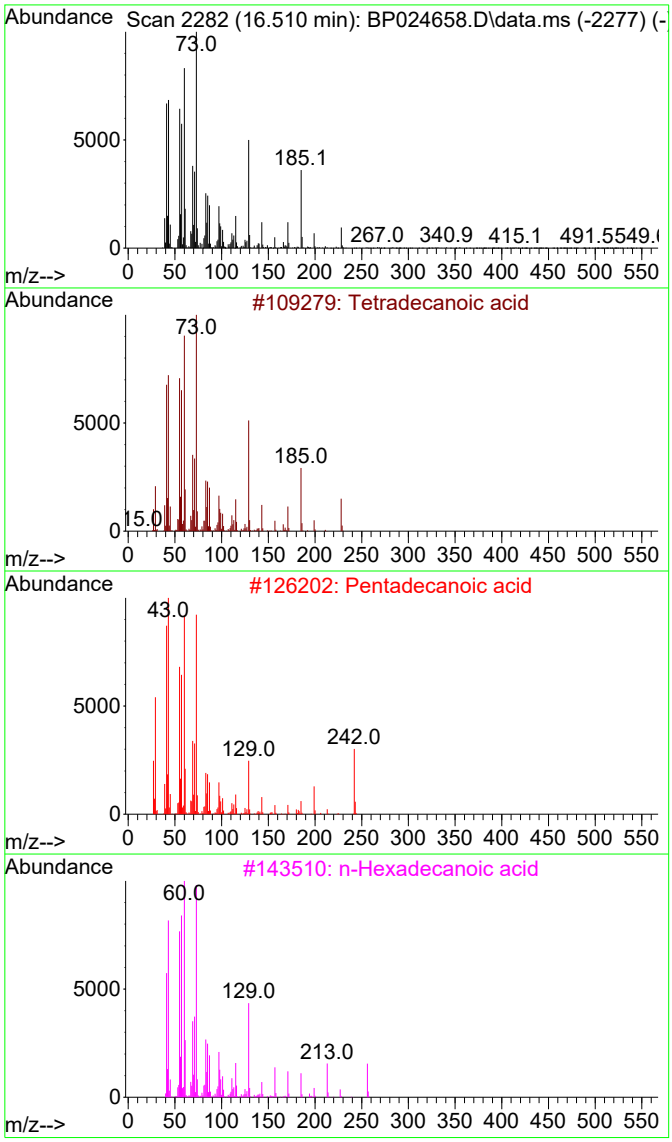
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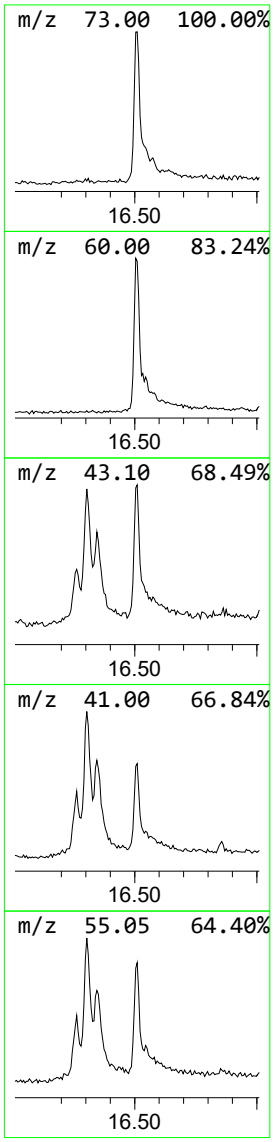
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Peak Number 7 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.510	3.63 ng	335981	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

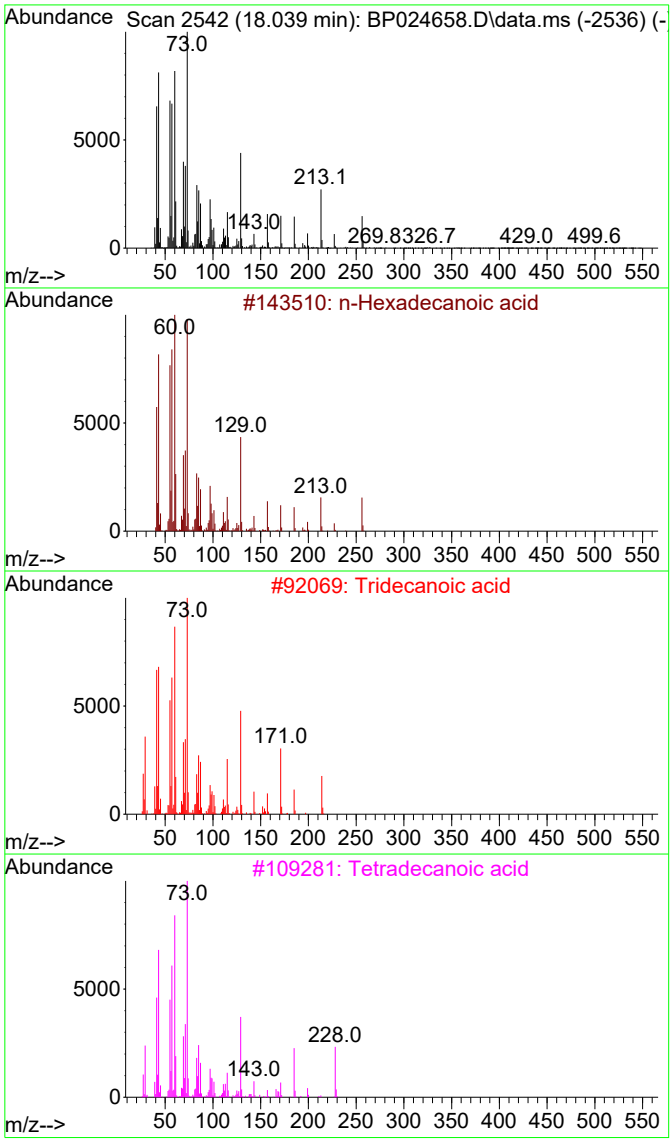
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TIC Integration Parameters: LSCINT.P

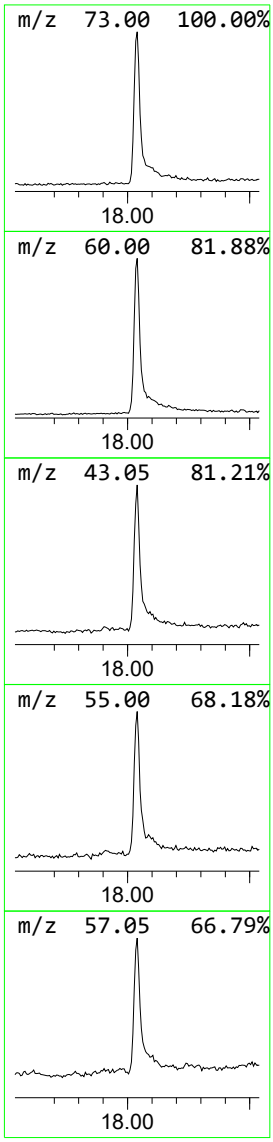
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Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	9.13 ng	845129	Phenanthrene-d10	17.092

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

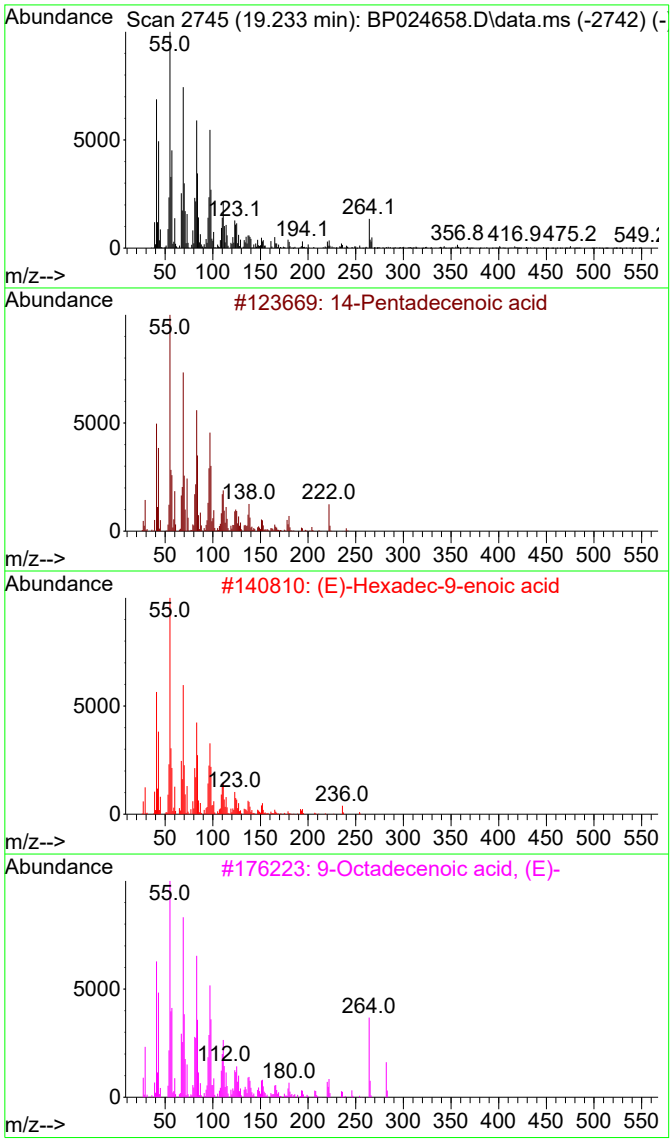
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TIC Integration Parameters: LSCINT.P

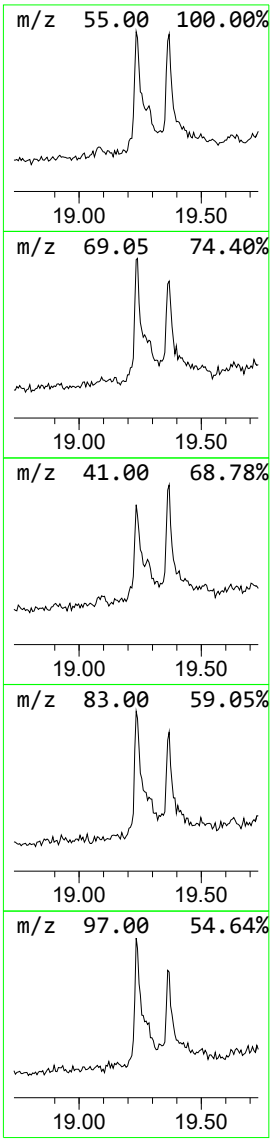
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Peak Number 9 14-Pentadecenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	3.12 ng	288965	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	91
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	90
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
4	Oleic Acid	282	C18H34O2	000112-80-1	86
5	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	83





Sample Results: **BP024658.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

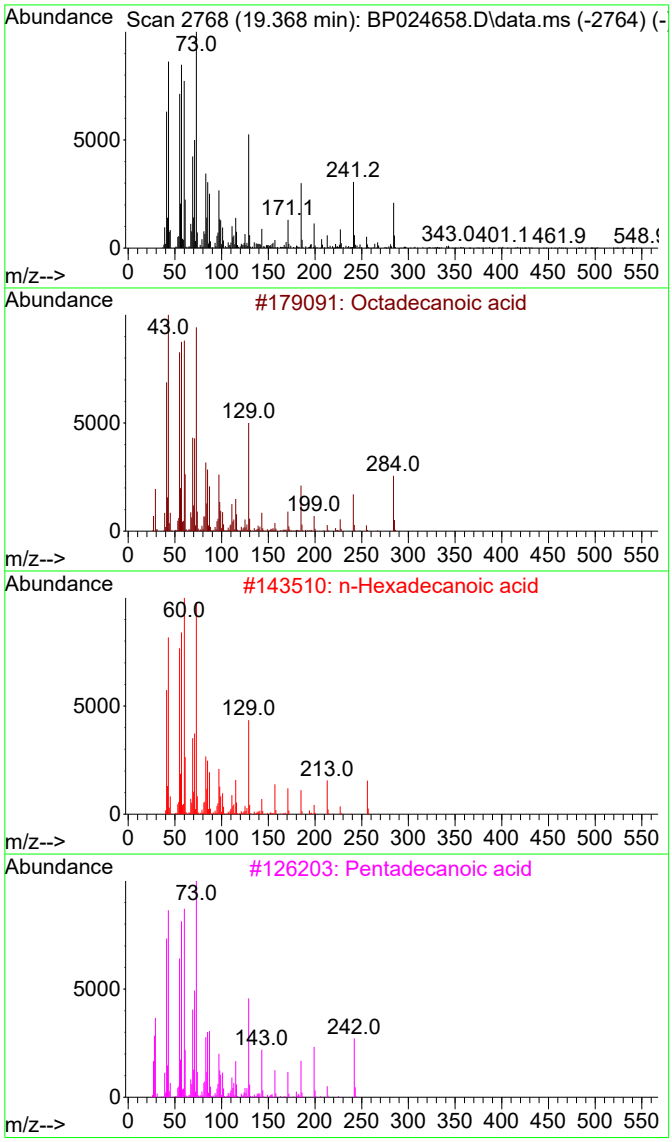
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

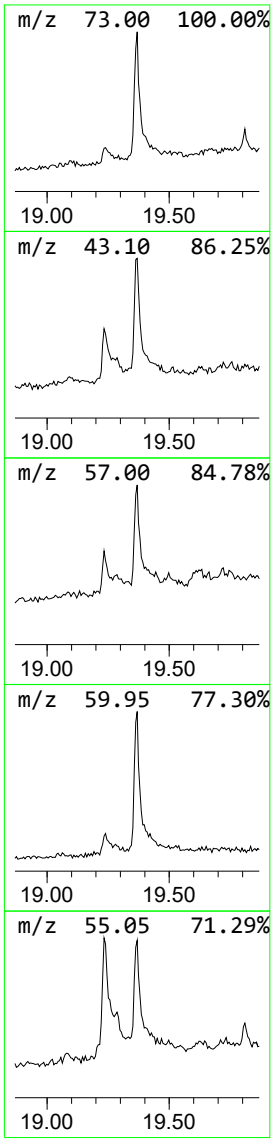
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Peak Number 10 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	3.61 ng	408595	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

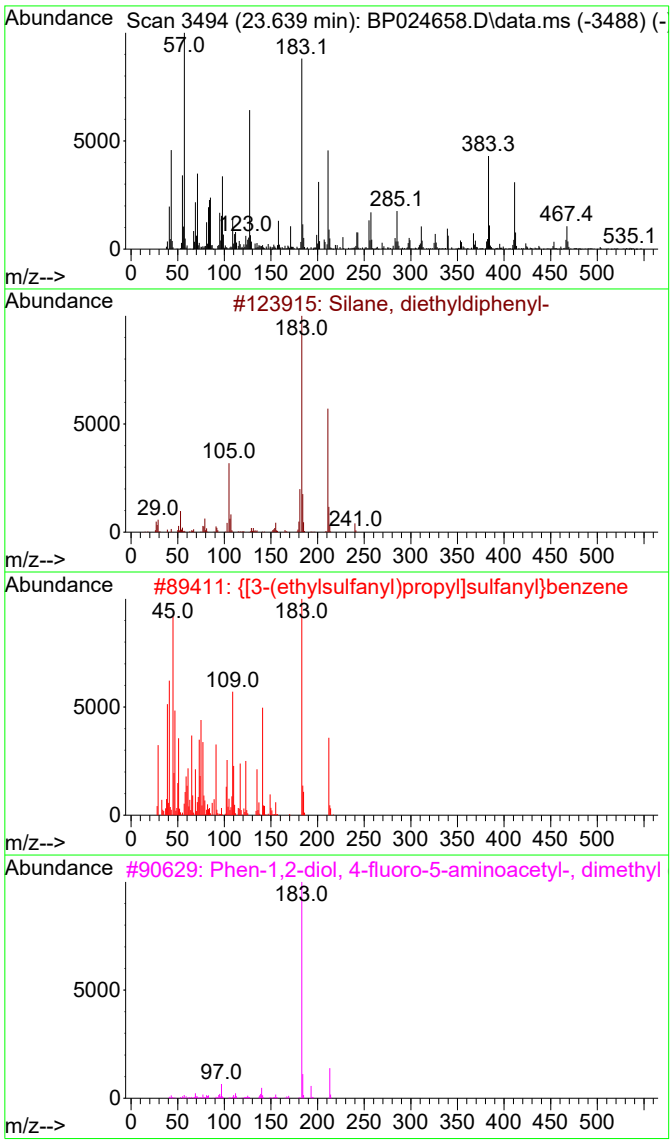
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

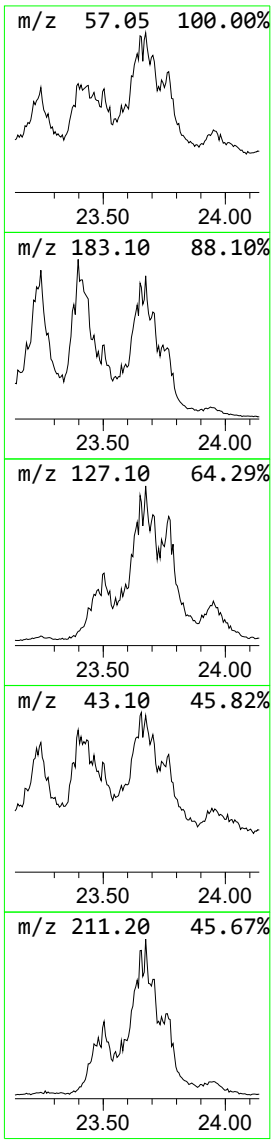
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Peak Number 11 unknown23.639 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.639	4.85 ng	581276	Perylene-d12	24.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethyldiphenyl-	240	C16H20Si	017964-10-2	35
2	{[3-(ethylsulfanyl)propyl]sulfan...	212	C11H16S2	004911-42-6	18
3	Phen-1,2-diol, 4-fluoro-5-aminoa...	213	C10H12FNO3	1000130-37-2	18
4	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	18
5	Phenoxazine	183	C12H9NO	000135-67-1	18





Sample Results: **BP024658.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.828	3.5	ng	138525	1	7.663	801762	20.0
Dodecanoic acid	14.751	6.3	ng	501488	3	14.292	1601590	20.0
Benzophenone	15.680	2.6	ng	210501	3	14.292	1601590	20.0
1-Octanol, 5,7,...	16.263	2.6	ng	244852	4	17.092	1850560	20.0
Hexacosyl trifl...	16.304	7.2	ng	665717	4	17.092	1850560	20.0
1-Tetracosene	16.345	5.5	ng	508682	4	17.092	1850560	20.0
Tetradecanoic acid	16.510	3.6	ng	335981	4	17.092	1850560	20.0
n-Hexadecanoic ...	18.039	9.1	ng	845129	4	17.092	1850560	20.0
14-Pentadecenoi...	19.233	3.1	ng	288965	4	17.092	1850560	20.0
Octadecanoic acid	19.368	3.6	ng	408595	5	21.515	2265200	20.0
unknown23.639	23.639	4.8	ng	581276	6	24.798	2399310	20.0

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-1-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024659.D	1	05/12/25 08:40	05/16/25 16:17	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

Raw Data: **BP024659.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-1-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024659.D	1	05/12/25 08:40	05/16/25 16:17	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-1-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024659.D	1	05/12/25 08:40	05/16/25 16:17	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	72.4		10 - 139	48%	SPK: 150
13127-88-3	Phenol-d6	46.2		10 - 134	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.1		49 - 133	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.2		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		44 - 137	107%	SPK: 150
1718-51-0	Terphenyl-d14	82.9		48 - 125	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	149000	7.663			
1146-65-2	Naphthalene-d8	638000	10.428			
15067-26-2	Acenaphthene-d10	420000	14.292			
1517-22-2	Phenanthrene-d10	841000	17.092			
1719-03-5	Chrysene-d12	897000	21.527			
1520-96-3	Perylene-d12	1070000	24.809			
TENTATIVE IDENTIFIED COMPOUNDS						
004013-34-7	Benzene, (1-methoxyethyl)-	13.6	J		8.76	ug/L
001010-48-6	Benzenepropanoic acid, .beta.,.bet	200	J		13.7	ug/L
	unknown13.851	17.9	J		13.9	ug/L
	unknown14.675	65.6	J		14.7	ug/L
000143-07-7	Dodecanoic acid	10.6	J		14.8	ug/L
	unknown15.222	9.00	J		15.2	ug/L
	unknown15.322	18.4	J		15.3	ug/L

Raw Data: **BP024659.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-1-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024659.D	1	05/12/25 08:40	05/16/25 16:17	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
005638-30-2	3-Phenylheptanoic acid	8.70	J		15.4	ug/L
006597-59-7	2,4-Dimethylphenethyl alcohol	13.7	J		16.3	ug/L
	unknown16.492	42.2	J		16.5	ug/L
1000381-76-0	Glycerol, 1-tert-butyl 2,3-bis(tri	8.70	J		16.6	ug/L
	unknown16.663	12.9	J		16.7	ug/L
1000271-08-5	Pyrido[3,4-d]pyridazin-1(2H)-one,	13.0	J		16.7	ug/L
	unknown16.775	24.3	J		16.8	ug/L
1000293-27-9	2,4,4,6-Tetramethyl-6-phenyl-1-hep	25.1	J		17.0	ug/L
073975-59-4	Indole-3-carboxylic acid, 5-hydrox	28.5	J		17.3	ug/L
	unknown17.698	10.9	J		17.7	ug/L
	unknown17.786	11.5	J		17.8	ug/L
000057-10-3	n-Hexadecanoic acid	14.4	J		18.1	ug/L
	unknown18.375	13.1	J		18.4	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

Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Time: May 16 16:56:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	149432	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	637785	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	420480	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	840783	20.000	ng	0.00
76) Chrysene-d12	21.527	240	896643	20.000	ng	0.00
86) Perylene-d12	24.809	264	1065206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	632963	72.448	ng	0.02
7) Phenol-d6	6.893	99	514657	46.155	ng	0.04
23) Nitrobenzene-d5	8.810	82	1087254	86.134	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	1146657	160.859	ng	0.01
45) 2-Fluorobiphenyl	12.910	172	2702649	84.209	ng	0.00
79) Terphenyl-d14	19.821	244	4337027	82.939	ng	0.01
Target Compounds						Qvalue

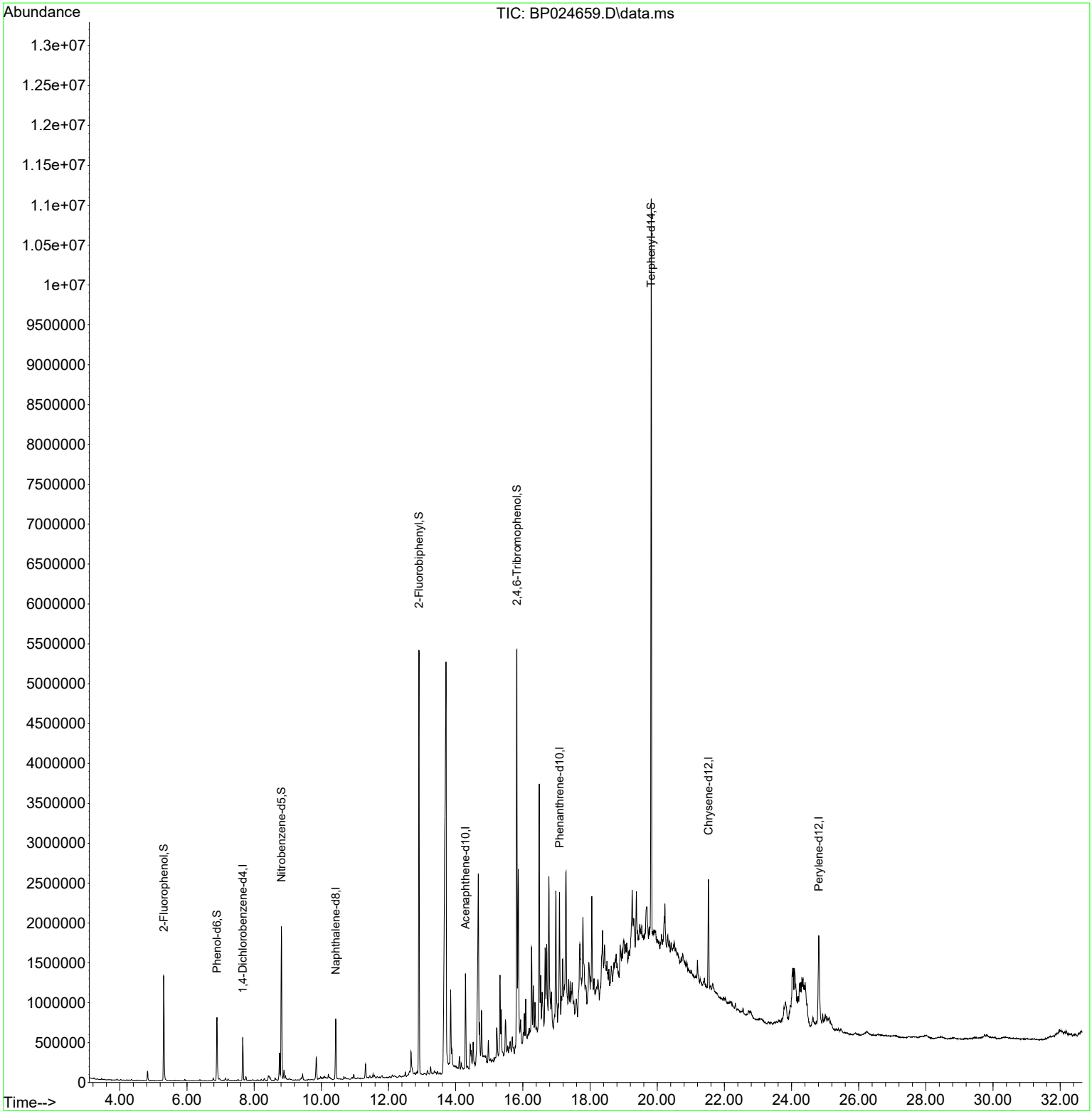
(#) = qualifier out of range (m) = manual integration (+) = signals summed

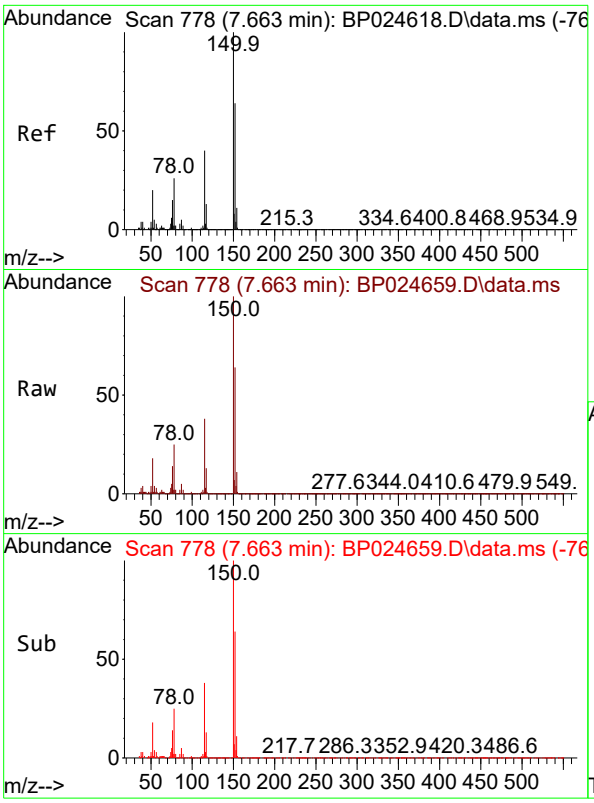
Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Time: May 16 16:56:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



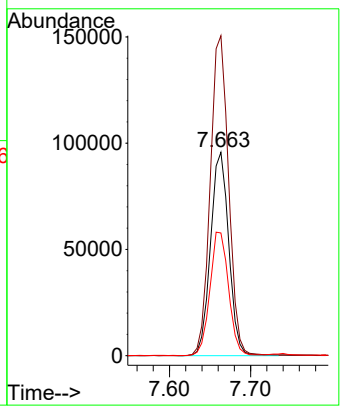


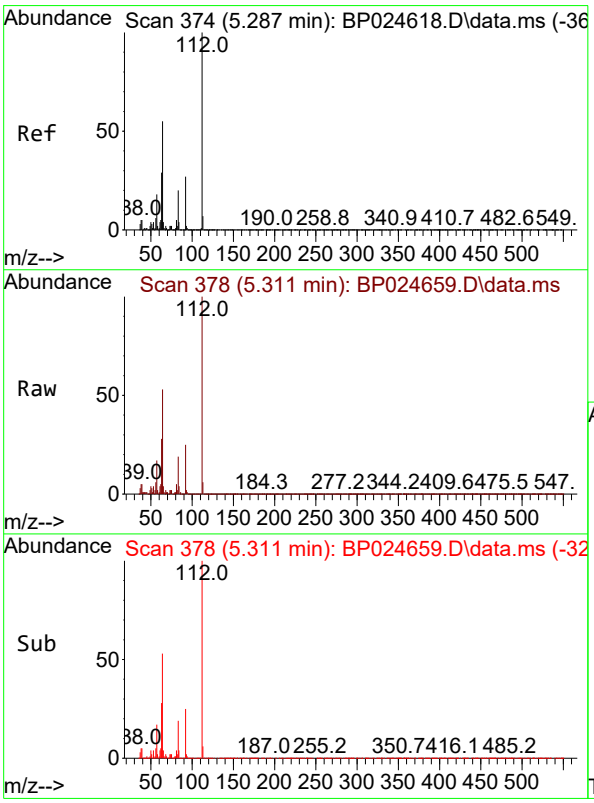
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Tgt Ion:152 Resp: 149432

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.9	188.9
115	60.3	50.1	75.1

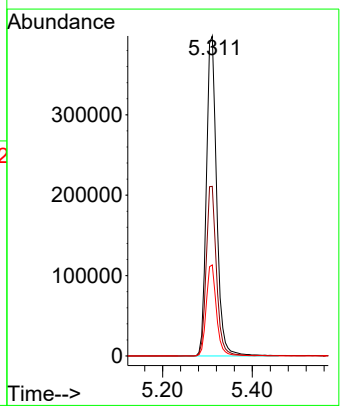


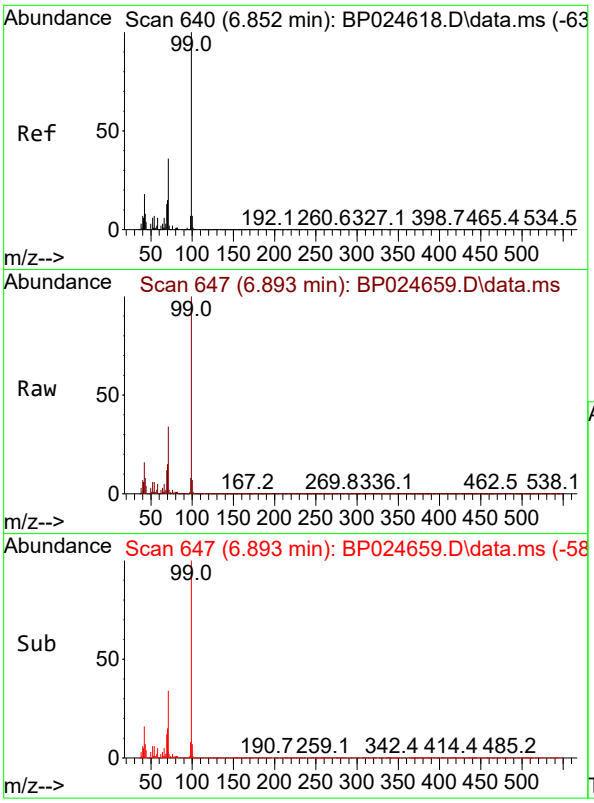


#5
2-Fluorophenol
Concen: 72.448 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.023 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:112 Resp: 632963

Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.1	66.1
63	28.4	23.5	35.3



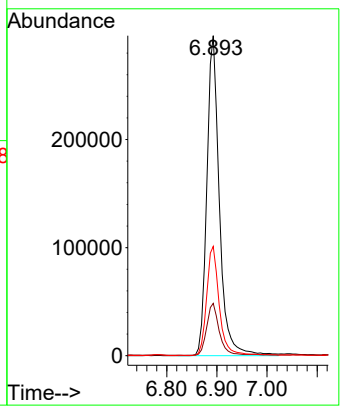


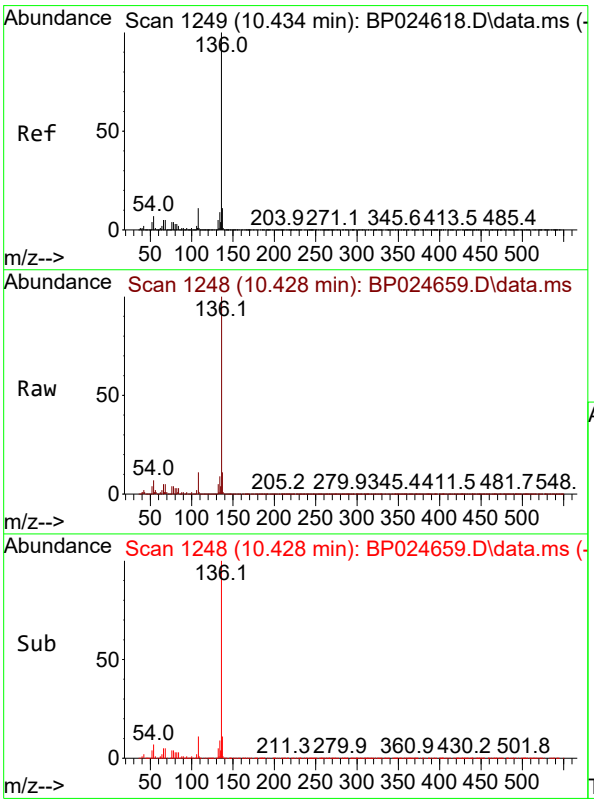
#7
Phenol-d6
Concen: 46.155 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.041 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Tgt Ion: 99 Resp: 514657

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.4	21.6
71	34.1	29.2	43.8

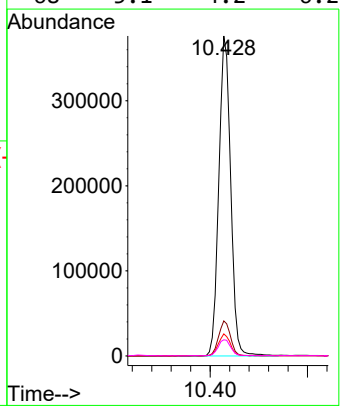


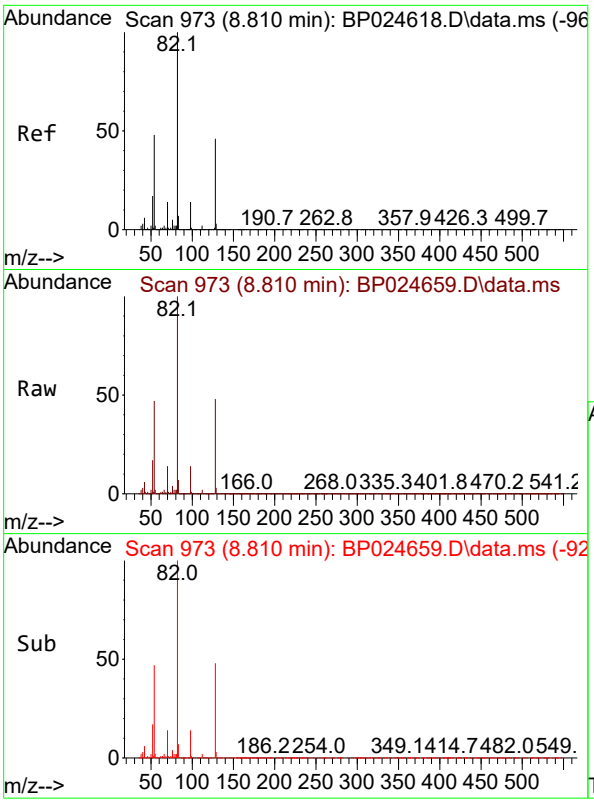


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:136 Resp: 637785

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.5	8.3
68	5.1	4.2	6.2



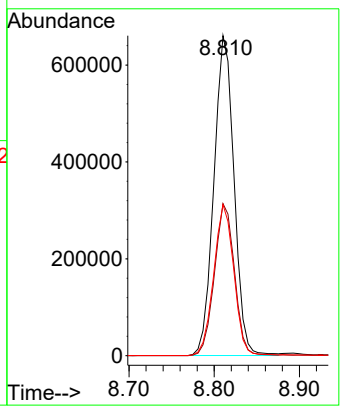


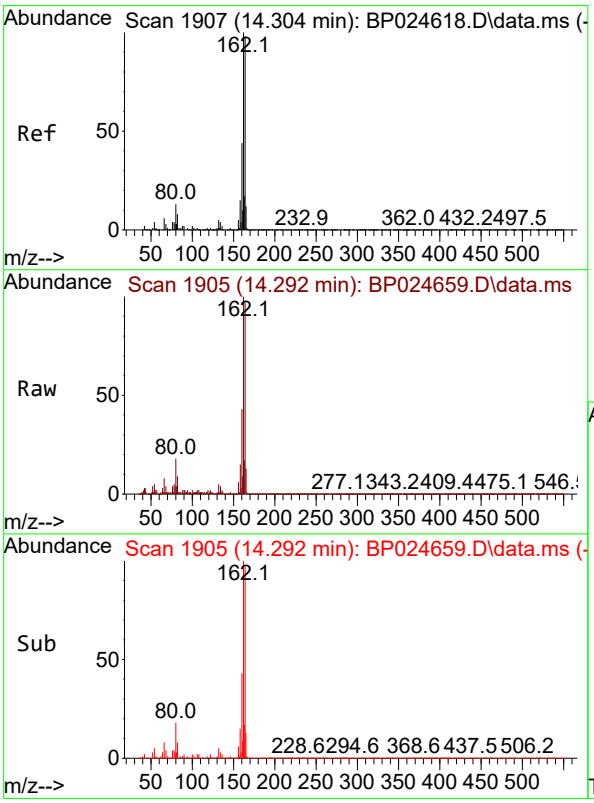
#23
Nitrobenzene-d5
Concen: 86.134 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Tgt Ion: 82 Resp: 1087254

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.4
54	47.2	38.7	58.1

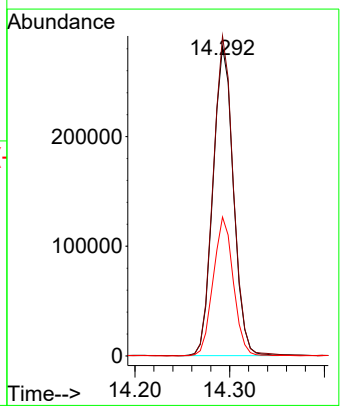


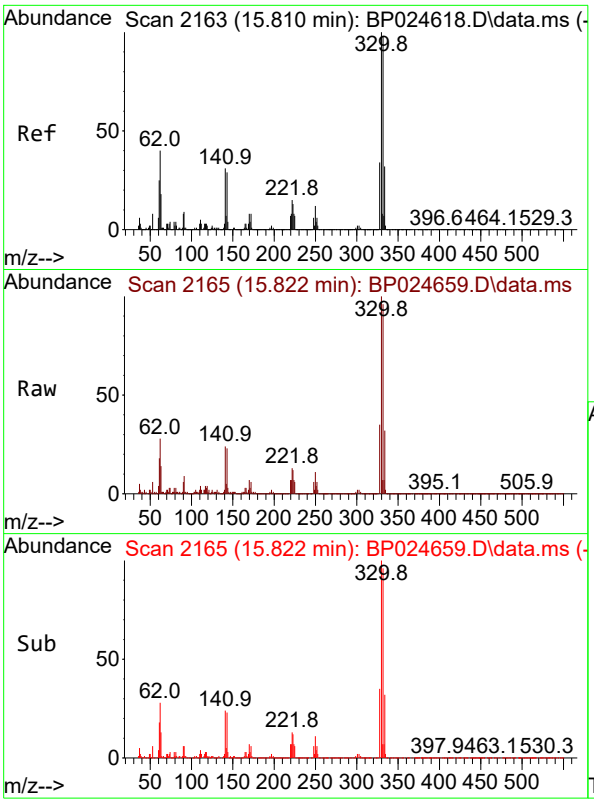


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:164 Resp: 420480

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.6
160	44.9	36.3	54.5



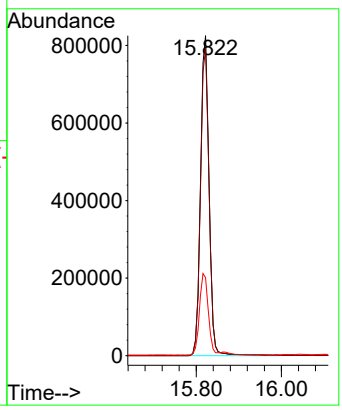


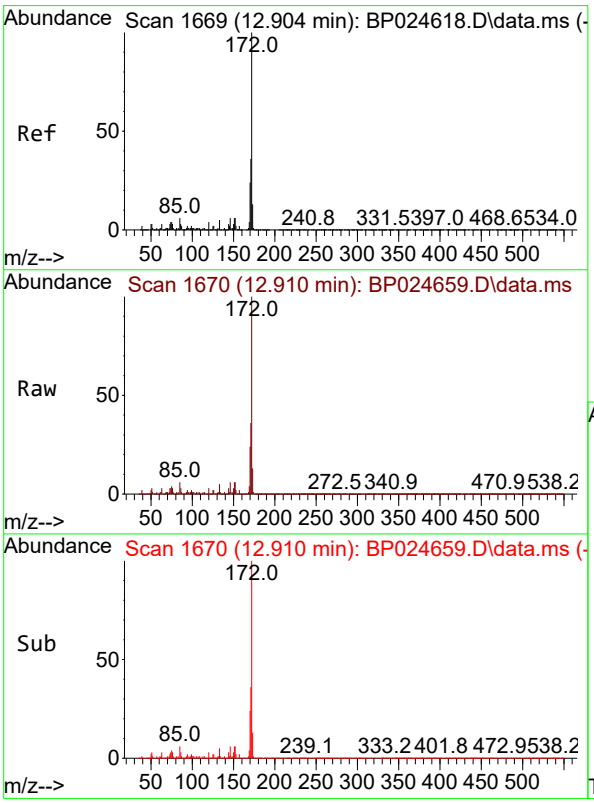
#42
2,4,6-Tribromophenol
Concen: 160.859 ng
RT: 15.822 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Tgt Ion:330 Resp: 1146657

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.4
141	26.2	24.3	36.5

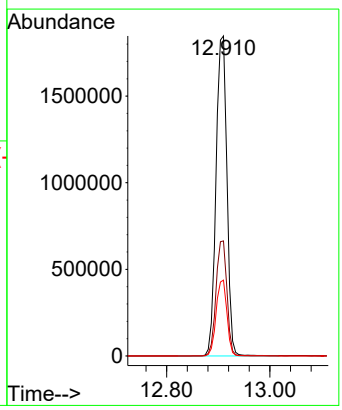


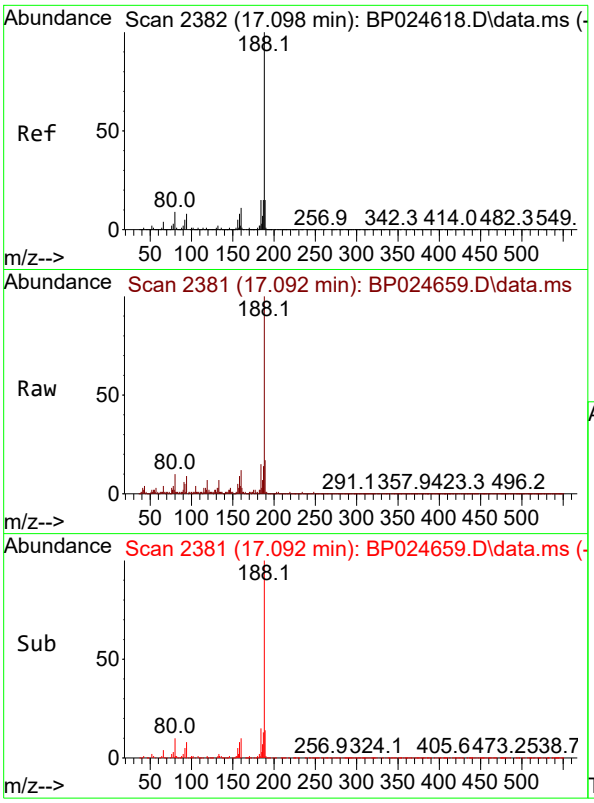


#45
2-Fluorobiphenyl
Concen: 84.209 ng
RT: 12.910 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:172 Resp: 2702649

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.7	18.8	28.2



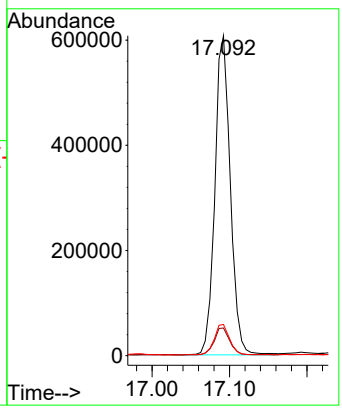


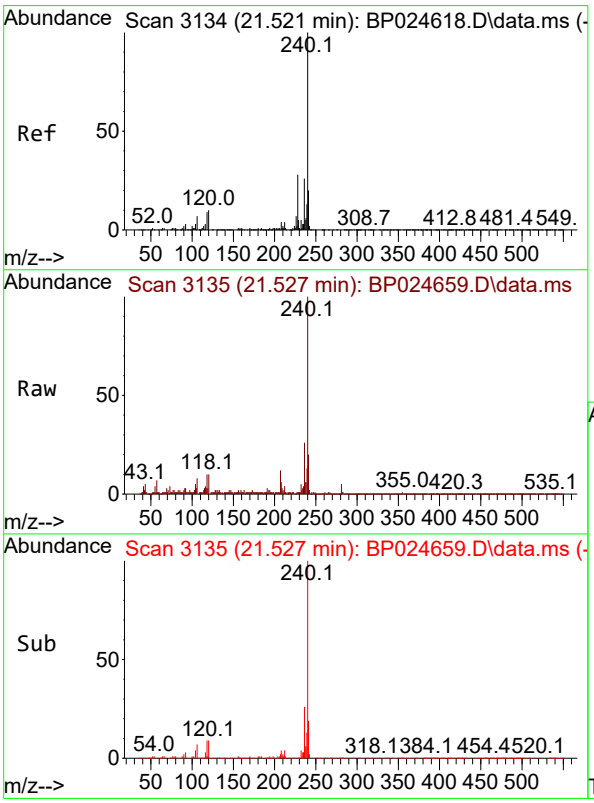
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Tgt Ion:188 Resp: 840783

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.5	9.7
80	9.7	7.3	10.9

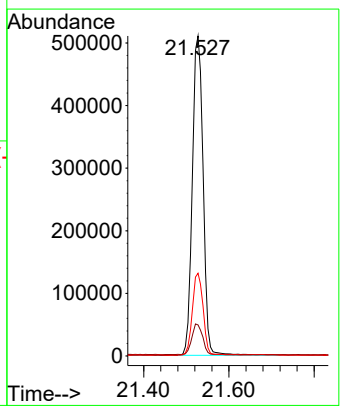


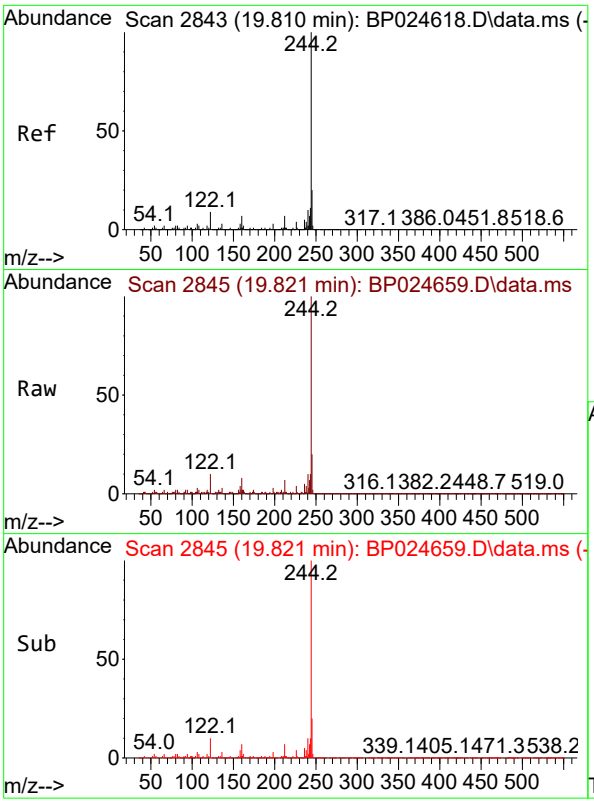


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:240 Resp: 896643

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.9	20.6	31.0



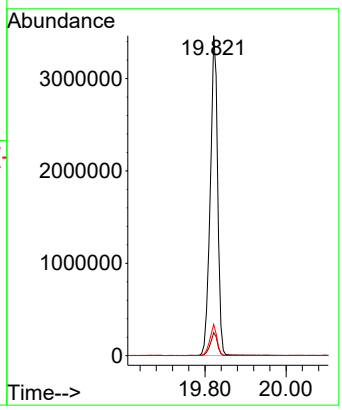


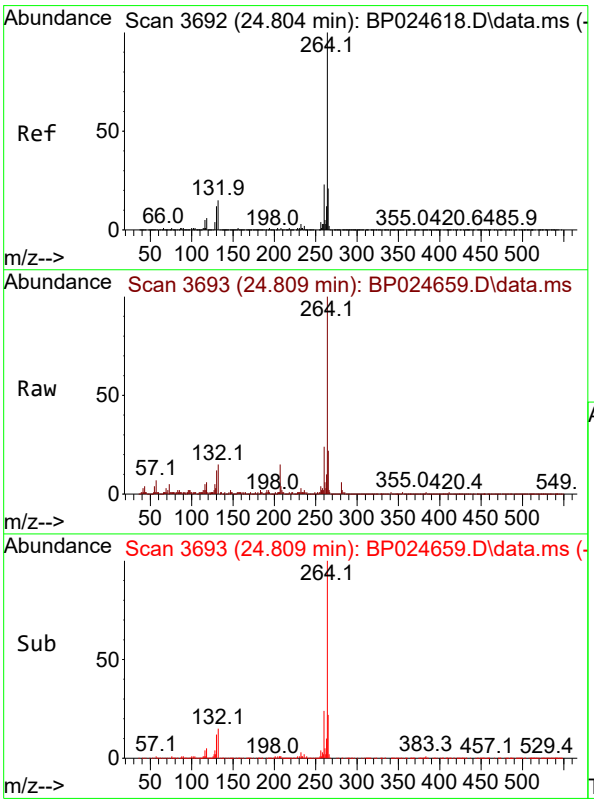
#79
Terphenyl-d14
Concen: 82.939 ng
RT: 19.821 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Tgt Ion:244 Resp: 4337027

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.7	7.4	11.0

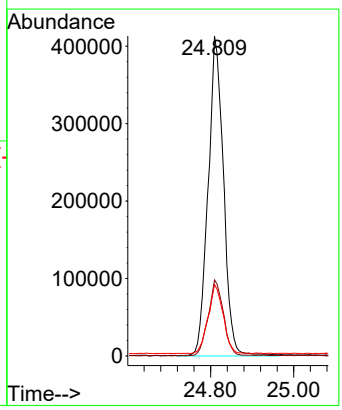




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.809 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024659.D
Acq: 16 May 2025 16:17

Tgt Ion:264 Resp: 1065206

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.3	17.0	25.6



Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.305	371	377	401	rVB	1313454	2110424	12.47%	1.839%
2	6.893	640	647	657	rBV	791816	1377278	8.14%	1.200%
3	7.663	767	778	784	rBV	545578	878133	5.19%	0.765%
4	8.757	955	964	968	rBV	345243	597628	3.53%	0.521%
5	8.810	968	973	981	rVV	1911642	3099284	18.31%	2.701%
6	8.887	981	986	990	rVV2	103381	170012	1.00%	0.148%
7	9.851	1138	1150	1157	rBV2	279631	542649	3.21%	0.473%
8	10.428	1241	1248	1256	rBV	757635	1290747	7.62%	1.125%
9	11.316	1393	1399	1406	rBV2	172637	309817	1.83%	0.270%
10	12.669	1625	1629	1643	rVB	280345	575459	3.40%	0.502%
11	12.904	1663	1669	1677	rVB	5315870	7784506	45.99%	6.785%
12	13.710	1788	1806	1819	rBV	5151213	16927859	100.00%	14.754%
13	13.851	1824	1830	1834	rVV	979660	1527521	9.02%	1.331%
14	13.887	1834	1836	1845	rVB2	210607	327213	1.93%	0.285%
15	14.110	1870	1874	1879	rVB	161831	222272	1.31%	0.194%
16	14.292	1900	1905	1911	rBV	1176752	1707151	10.08%	1.488%
17	14.434	1924	1929	1932	rBV	305862	493658	2.92%	0.430%
18	14.463	1932	1934	1939	rVV2	205820	261951	1.55%	0.228%
19	14.522	1939	1944	1949	rVV	273907	449309	2.65%	0.392%
20	14.675	1956	1970	1974	rBV2	2384116	5595453	33.05%	4.877%
21	14.710	1974	1976	1981	rVV	468077	608506	3.59%	0.530%
22	14.769	1982	1986	1994	rVB2	588468	900892	5.32%	0.785%
23	14.975	2016	2021	2028	rBV	279835	449072	2.65%	0.391%
24	15.222	2059	2063	2071	rBV5	368826	770999	4.55%	0.672%
25	15.322	2074	2080	2083	rVV	993724	1567521	9.26%	1.366%
26	15.357	2083	2086	2092	rVB	538695	738327	4.36%	0.644%
27	15.481	2103	2107	2114	rVB4	403562	709067	4.19%	0.618%
28	15.686	2138	2142	2146	rBV4	177653	267172	1.58%	0.233%
29	15.822	2159	2165	2168	rVV	4990921	7380881	43.60%	6.433%
30	15.863	2168	2172	2180	rVB3	2079424	3646571	21.54%	3.178%
31	16.016	2194	2198	2199	rBV3	132281	183469	1.08%	0.160%
32	16.045	2200	2203	2206	rVV	354497	448368	2.65%	0.391%
33	16.086	2206	2210	2217	rVB3	507696	793443	4.69%	0.692%
34	16.257	2235	2239	2244	rBV	1036205	1581739	9.34%	1.379%
35	16.310	2244	2248	2253	rVV	553013	832477	4.92%	0.726%
36	16.363	2254	2257	2262	rVB	343827	433542	2.56%	0.378%

Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.492	2272	2279	2283	rBV	3040395	4871070	28.78%	4.246%
38	16.533	2283	2286	2289	rVV3	600261	726911	4.29%	0.634%
39	16.575	2289	2293	2302	rVB6	432231	1001000	5.91%	0.872%
40	16.663	2304	2308	2312	rBV	932732	1488910	8.80%	1.298%
41	16.710	2312	2316	2323	rVV2	871784	1506794	8.90%	1.313%
42	16.775	2323	2327	2337	rVV	1688763	2804243	16.57%	2.444%
43	16.980	2357	2362	2371	rVB	1650280	2900107	17.13%	2.528%
44	17.051	2372	2374	2376	rBV2	189630	212341	1.25%	0.185%
45	17.092	2376	2381	2387	rVB	1534996	2310459	13.65%	2.014%
46	17.145	2387	2390	2393	rBV2	227282	352976	2.09%	0.308%
47	17.186	2393	2397	2401	rVV3	520161	783772	4.63%	0.683%
48	17.286	2408	2414	2423	rVB2	1648979	3294524	19.46%	2.871%
49	17.363	2424	2427	2431	rBV3	290839	365300	2.16%	0.318%
50	17.698	2479	2484	2489	rBV4	556960	1253065	7.40%	1.092%
51	17.786	2495	2499	2504	rBV	800953	1327947	7.84%	1.157%
52	17.963	2526	2529	2536	rBV3	339790	717577	4.24%	0.625%
53	18.051	2541	2544	2552	rVB	1172209	1667009	9.85%	1.453%
54	18.375	2591	2599	2604	rBV	618808	1515453	8.95%	1.321%
55	19.380	2767	2770	2774	rVB2	534884	669672	3.96%	0.584%
56	19.821	2840	2845	2850	rVB	9179126	11197276	66.15%	9.760%
57	21.527	3130	3135	3141	rVB2	1361875	2338584	13.82%	2.038%
58	24.021	3556	3559	3560	rBV2	310042	356693	2.11%	0.311%
59	24.086	3567	3570	3575	rBV3	269216	506274	2.99%	0.441%
60	24.809	3687	3693	3709	rVB	1104858	3003494	17.74%	2.618%

Sum of corrected areas: 114731821

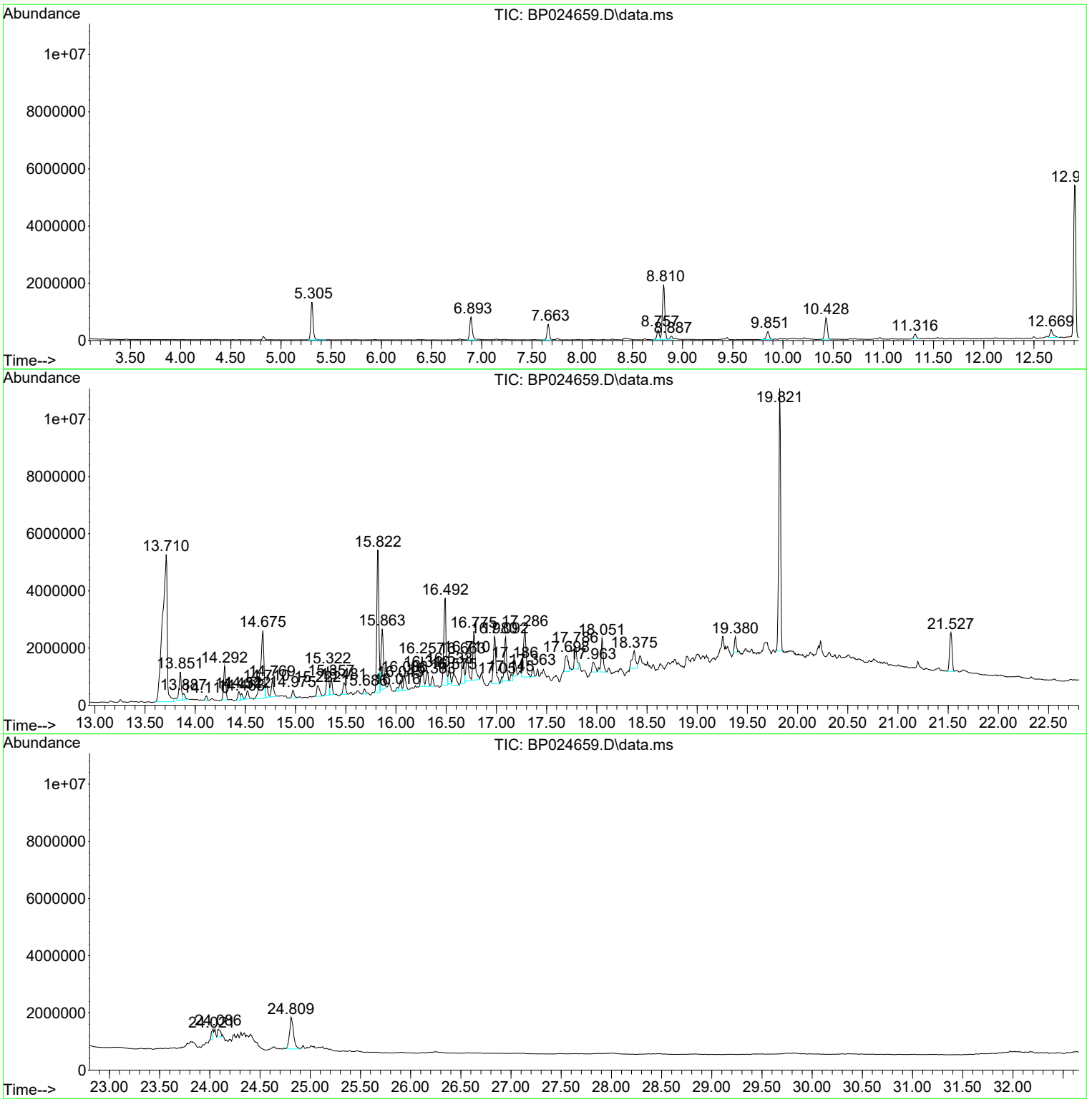
Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

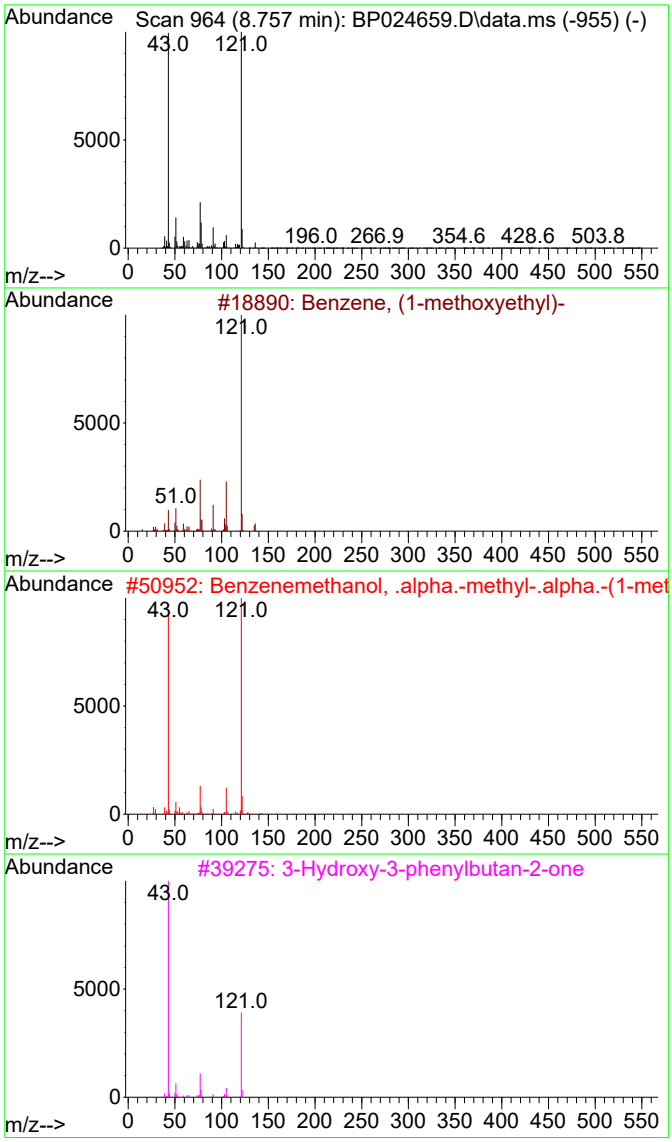
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TIC Integration Parameters: LSCINT.P

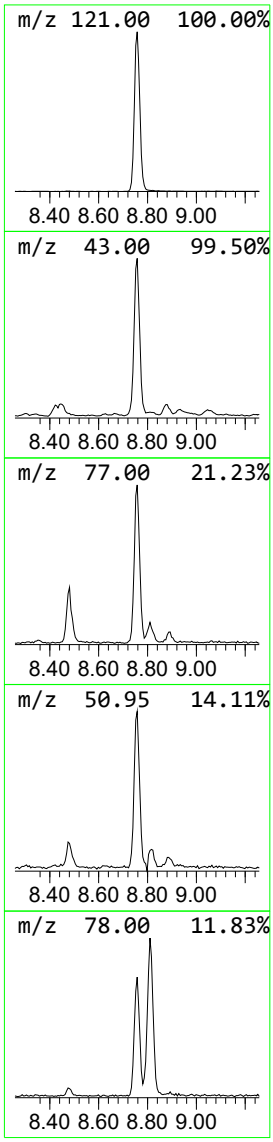
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Peak Number 1 Benzene, (1-methoxyethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	13.61 ng	597628	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methoxyethyl)-	136	C9H12O	004013-34-7	72
2	Benzenemethanol, .alpha.-methyl-...	176	C12H16O	061967-11-1	72
3	3-Hydroxy-3-phenylbutan-2-one	164	C10H12O2	003155-01-9	64
4	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	64
5	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	64





Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

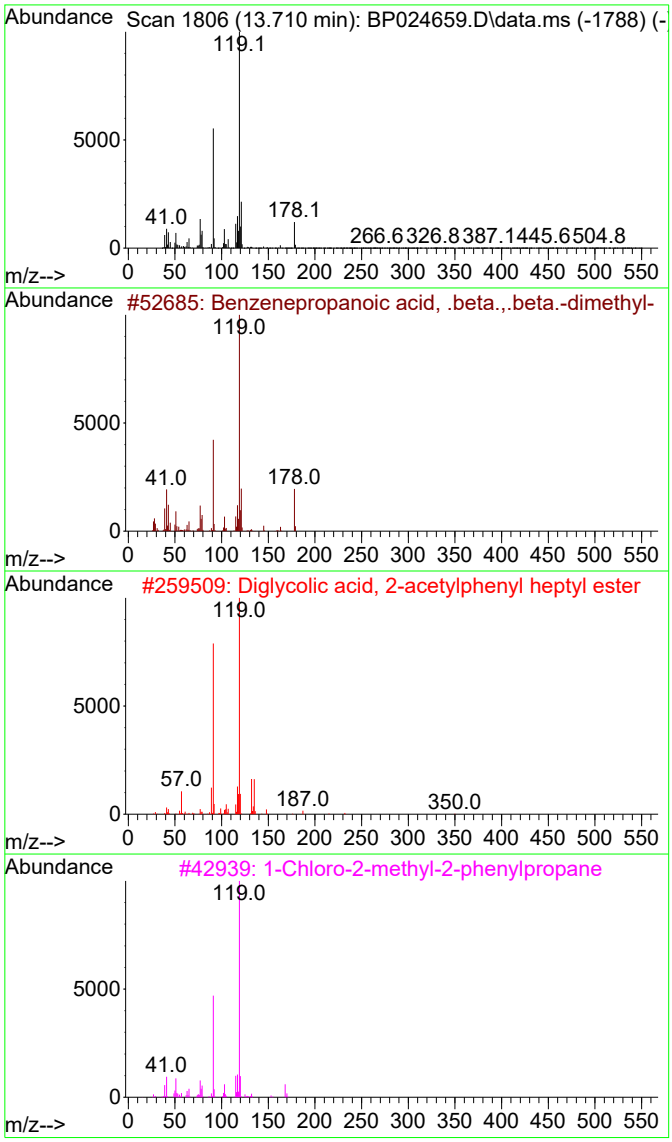
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

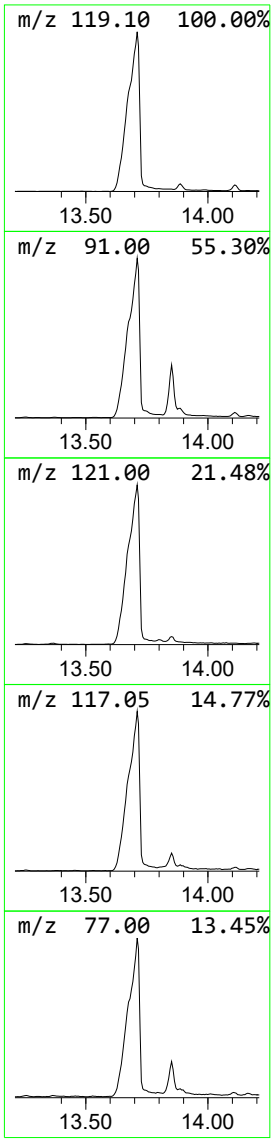
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzenepropanoic acid, .bet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	198.32 ng	16927900	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	93
2	Diglycolic acid, 2-acetylphenyl ...	350	C19H26O6	1000382-72-3	72
3	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	72
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	72
5	Diglycolic acid, 2-acetylphenyl ...	322	C17H22O6	1000382-72-0	64





Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

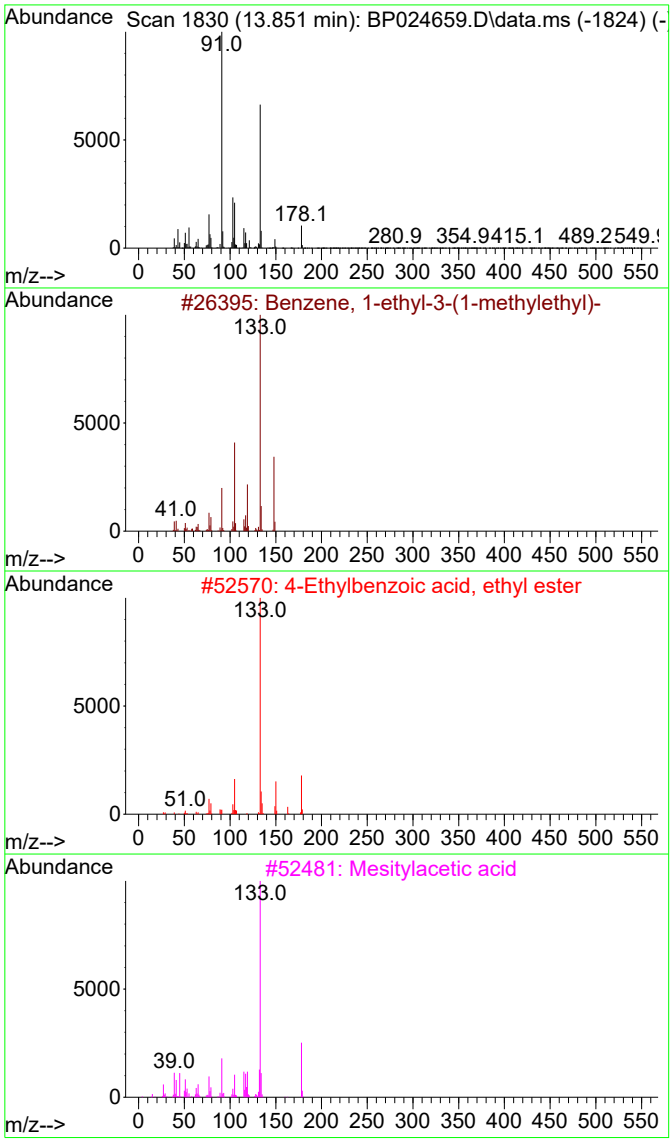
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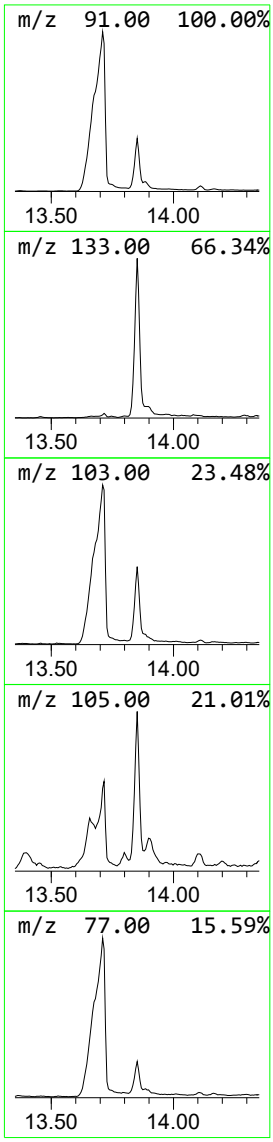
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Peak Number 3 unknown13.851 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	17.90 ng	1527520	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	43
2	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	43
3	Mesitylacetic acid	178	C11H14O2	004408-60-0	43
4	Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	43
5	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

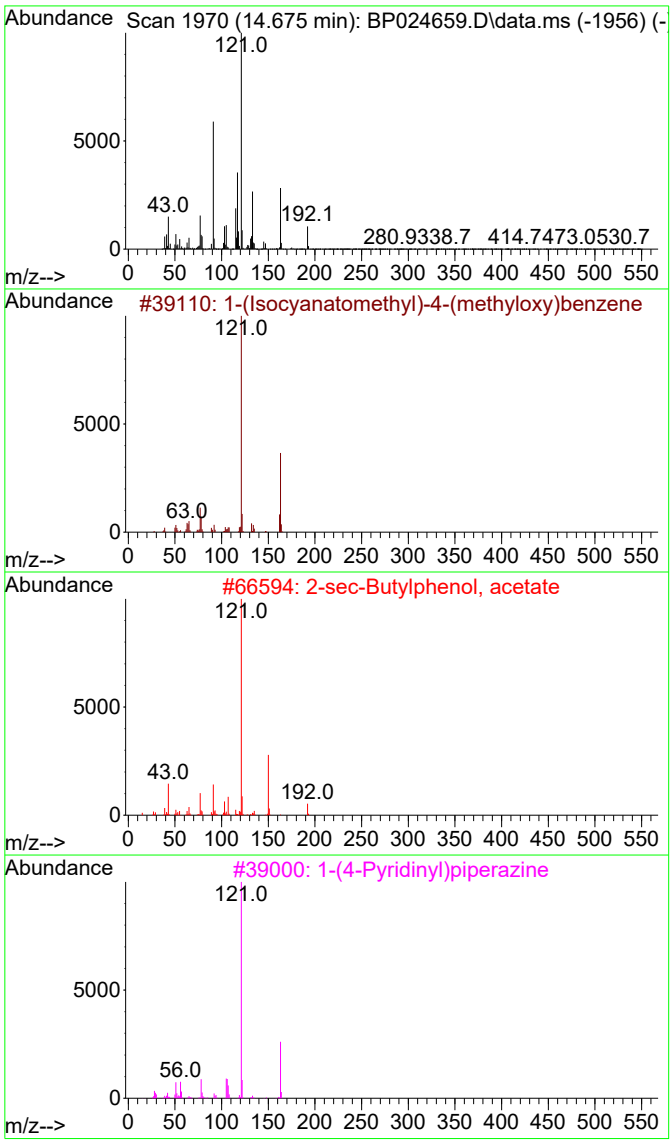
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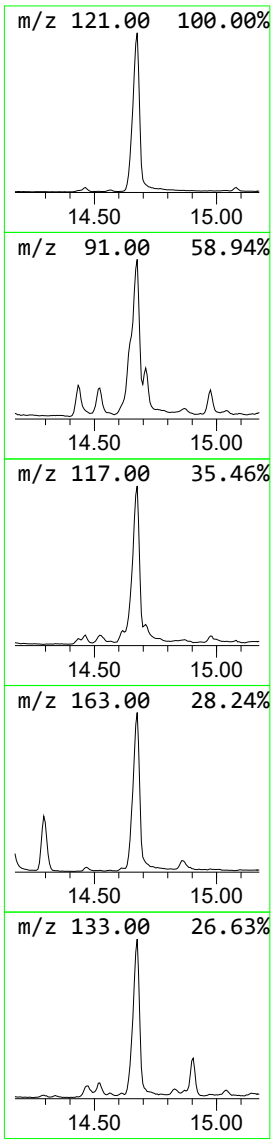
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Peak Number 4 unknown14.675 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.675	65.55 ng	5595450	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	47
2	2-sec-Butylphenol, acetate	192	C12H16O2	003056-61-9	47
3	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	46
4	benzoic acid, 4-(acetyloxy)-, 4-...	281	C16H11NO4	1000401-91-0	46
5	Acetic acid, [4-(2-methyl-3-nitr...	314	C16H14N2O5	349085-63-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

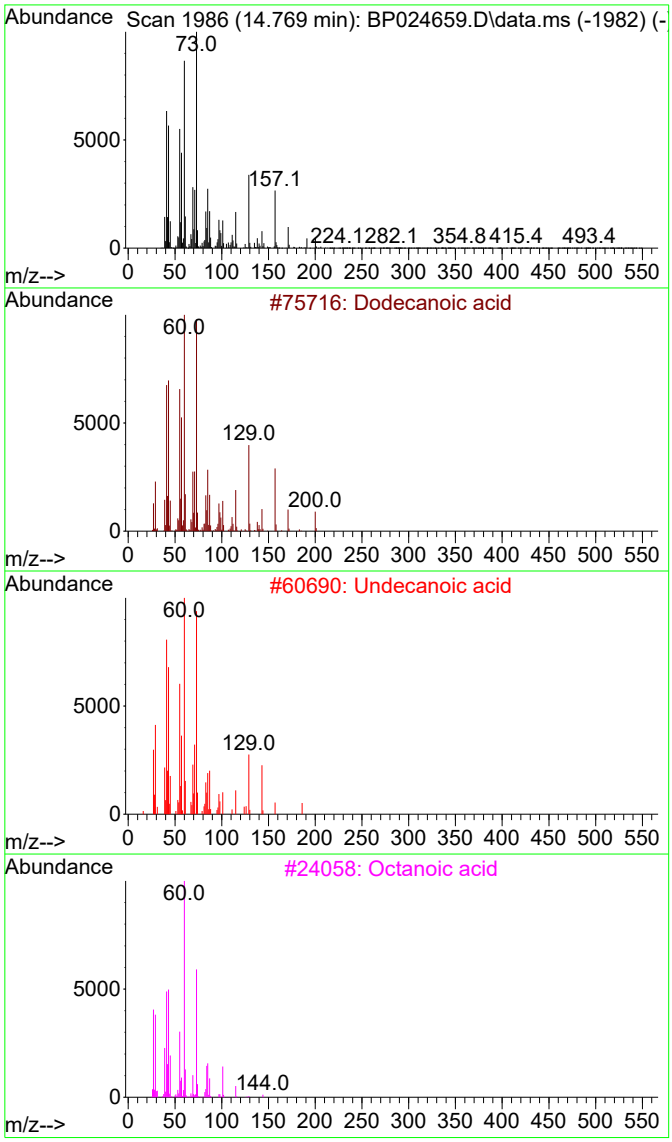
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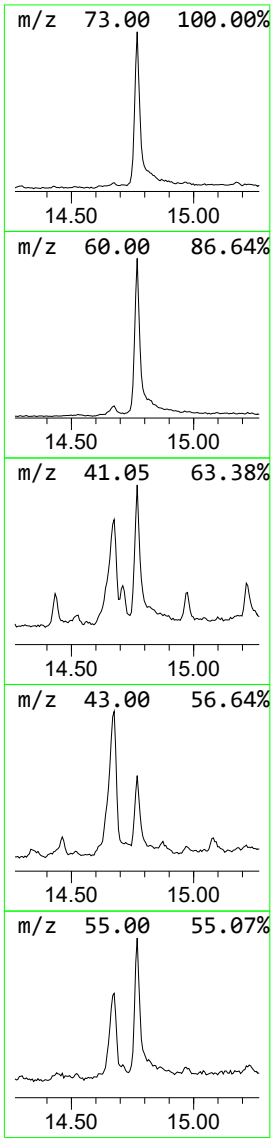
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Peak Number 5 Dodecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	10.55 ng	900892	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Octanoic acid	144	C8H16O2	000124-07-2	52
4	Nonanoic acid	158	C9H18O2	000112-05-0	46
5	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

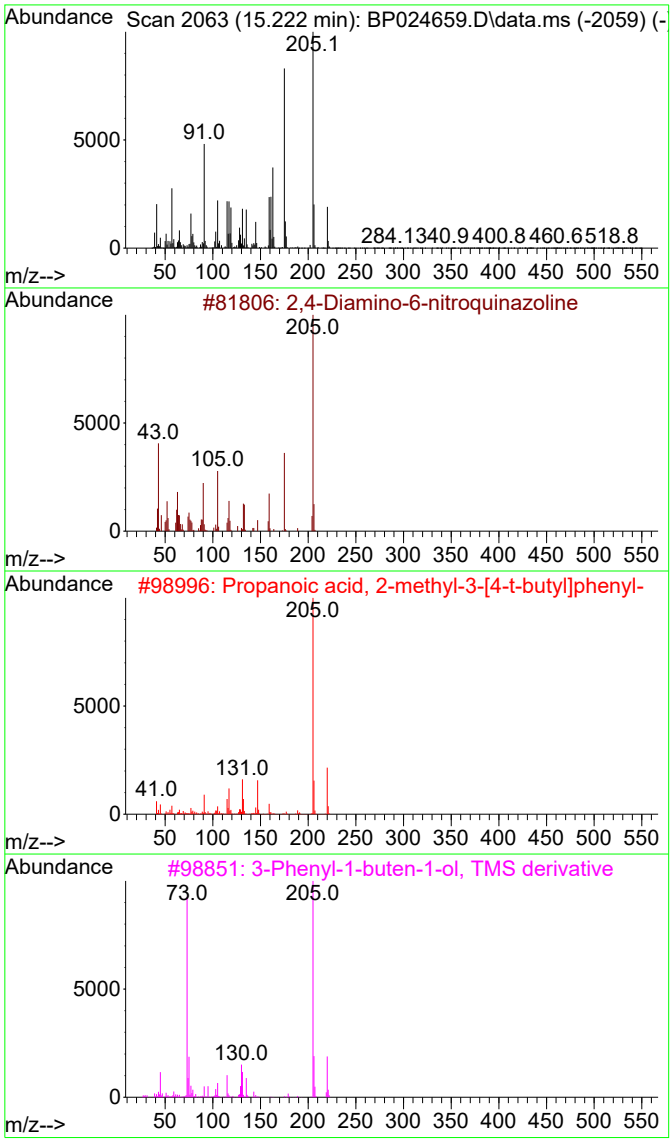
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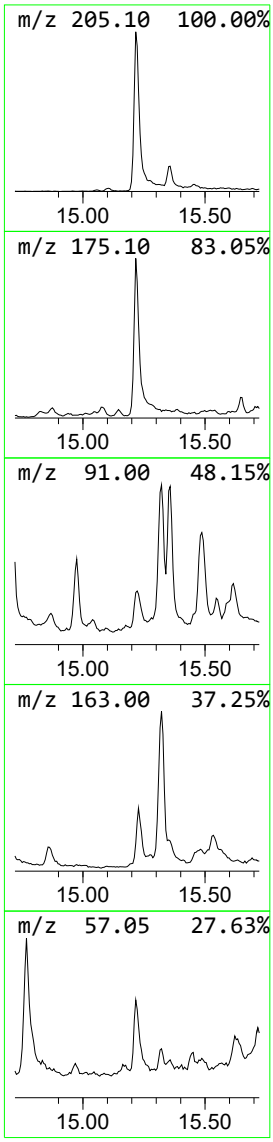
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Peak Number 6 unknown15.222 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.222	9.03 ng	770999	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	38
2	Propanoic acid, 2-methyl-3-[4-t-...	220	C14H20O2	1000131-87-0	35
3	3-Phenyl-1-buten-1-ol, TMS deriv...	220	C13H20OSi	055543-95-8	30
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	30
5	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

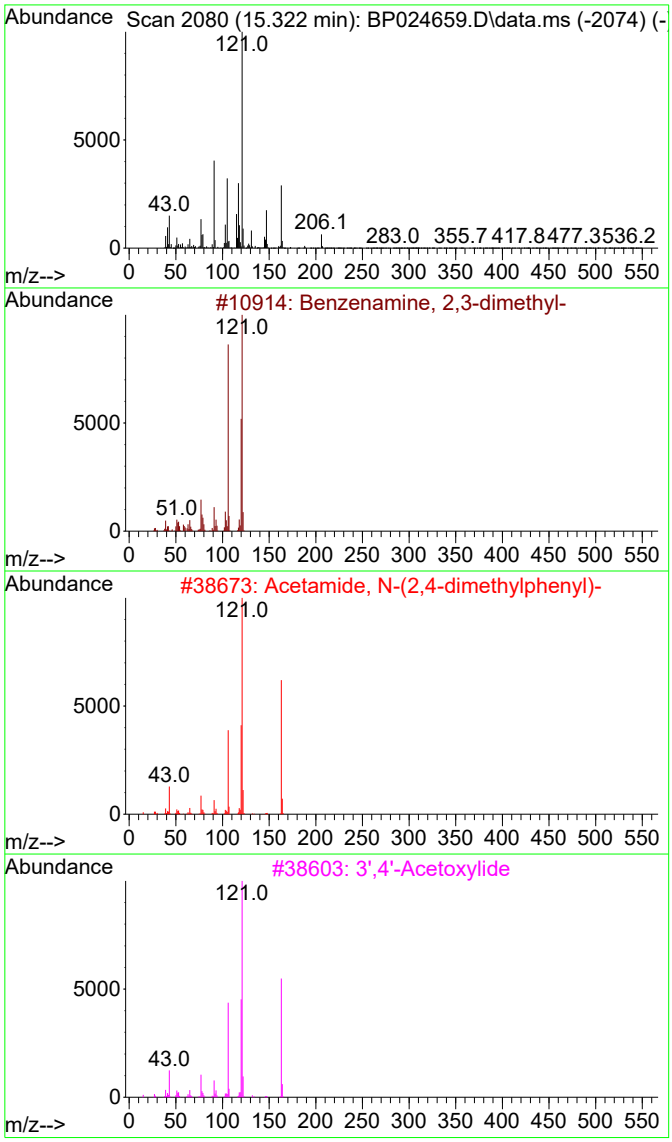
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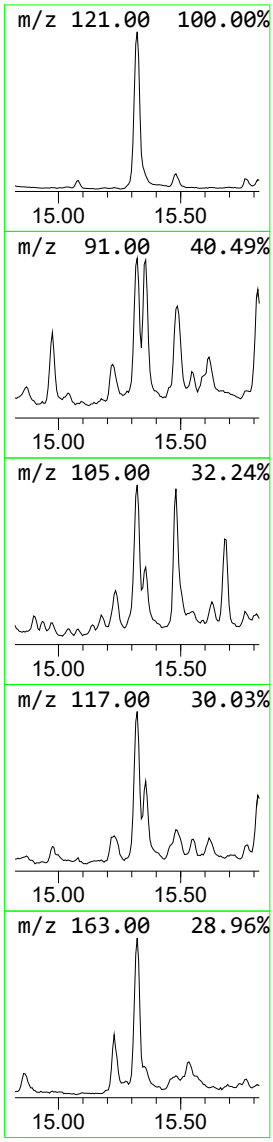
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Peak Number 7 unknown15.322 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	18.36 ng	1567520	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,3-dimethyl-	121	C8H11N	000087-59-2	47
2	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	47
3	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	47
4	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	47
5	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

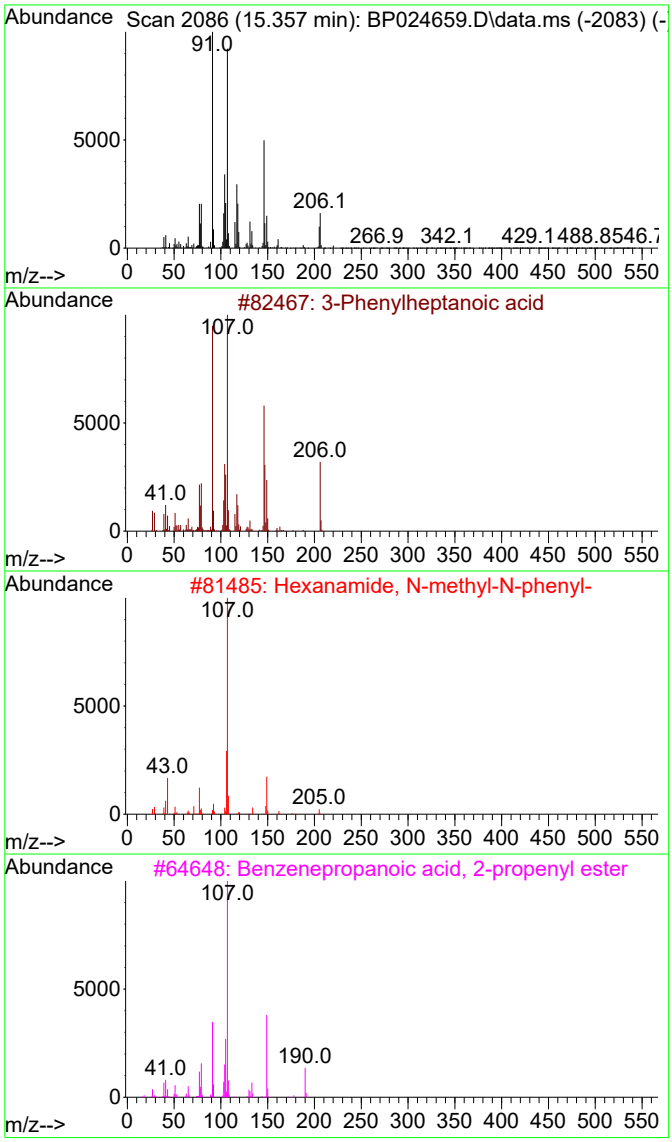
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TIC Integration Parameters: LSCINT.P

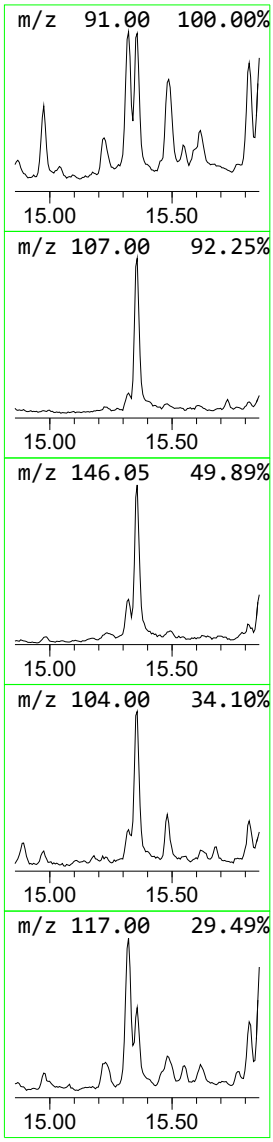
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Peak Number 8 3-Phenylheptanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	8.65 ng	738327	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylheptanoic acid	206	C13H18O2	005638-30-2	64
2	Hexanamide, N-methyl-N-phenyl-	205	C13H19NO	063017-96-9	35
3	Benzenepropanoic acid, 2-propeny...	190	C12H14O2	015814-45-6	35
4	3-Pentyl-4,5-dihydroisobenzofura...	206	C13H18O2	128575-99-5	30
5	2-Phenylbutyramide, N-trifluoroa...	259	C12H12F3NO2	1000449-76-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

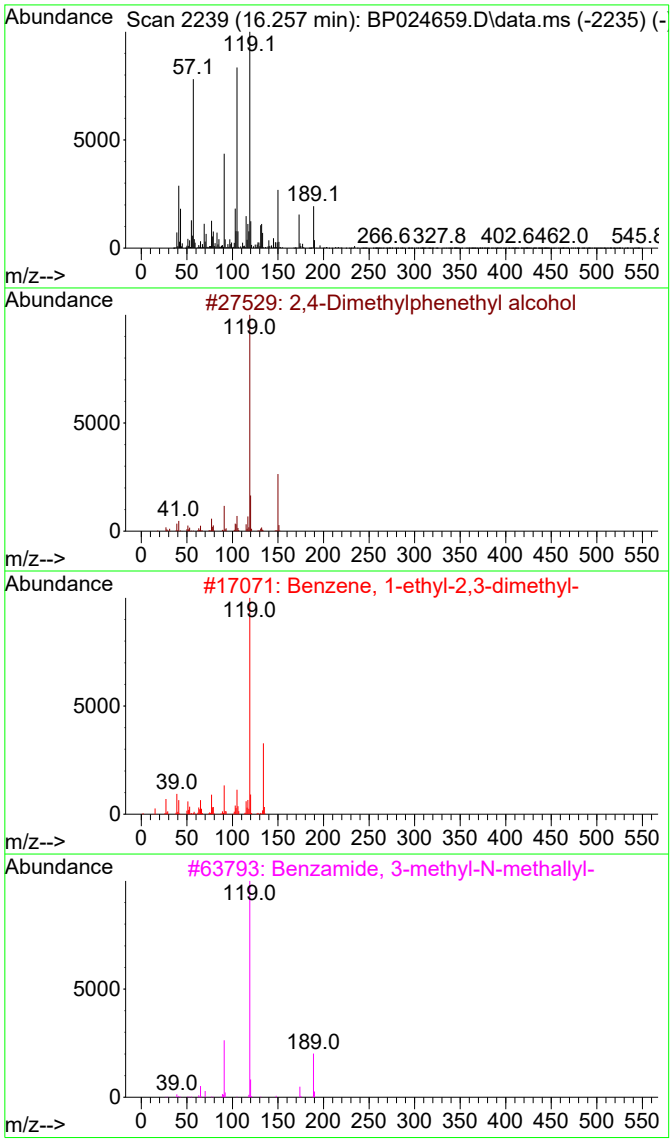
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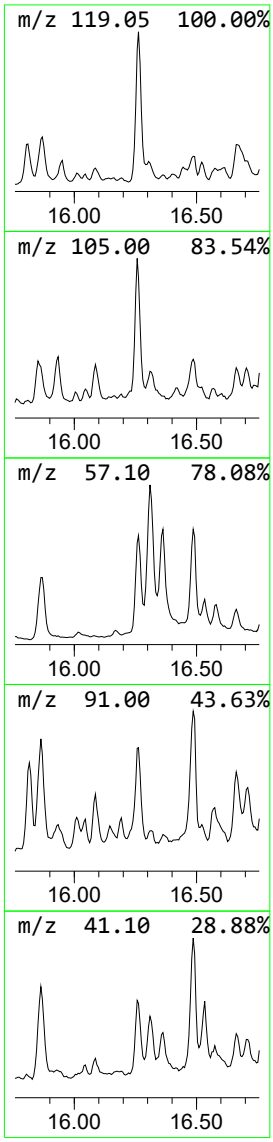
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Peak Number 9 2,4-Dimethylphenethyl alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	13.69 ng	1581740	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	52
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
3	Benzamide, 3-methyl-N-methallyl-	189	C12H15NO	1000339-09-9	46
4	Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	46
5	Benzamide, 2,N-dimethyl-N-allyl-	189	C12H15NO	1000446-30-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

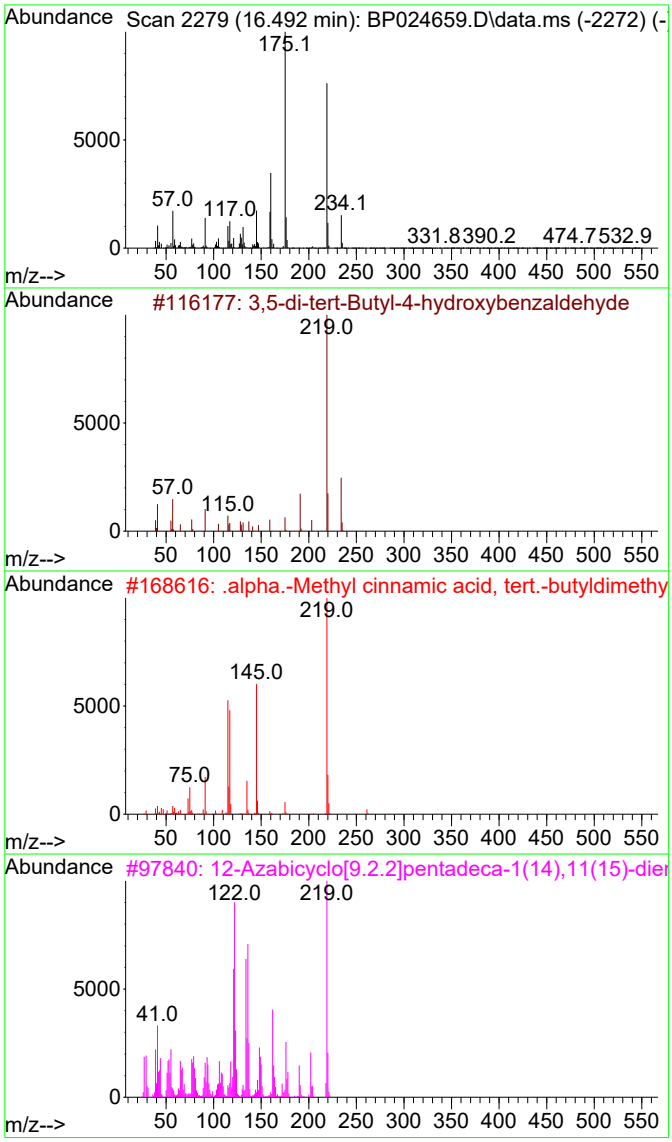
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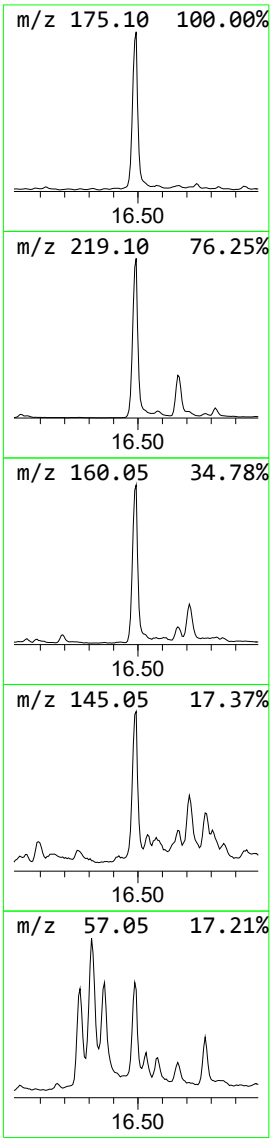
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Peak Number 10 unknown16.492 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	42.17 ng	4871070	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	38
2	.alpha.-Methyl cinnamic acid, te...	276	C16H24O2Si	1000454-64-8	35
3	12-Azabicyclo[9.2.2]pentadeca-1(...	219	C14H21NO	1000185-25-1	30
4	5-(Trifluoromethyl)-2-pyridinami...	234	C9H13F3N2Si	1000476-50-7	30
5	3,5-Di-tert-butyl-2-hydroxybenza...	234	C15H22O2	037942-07-7	27





Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

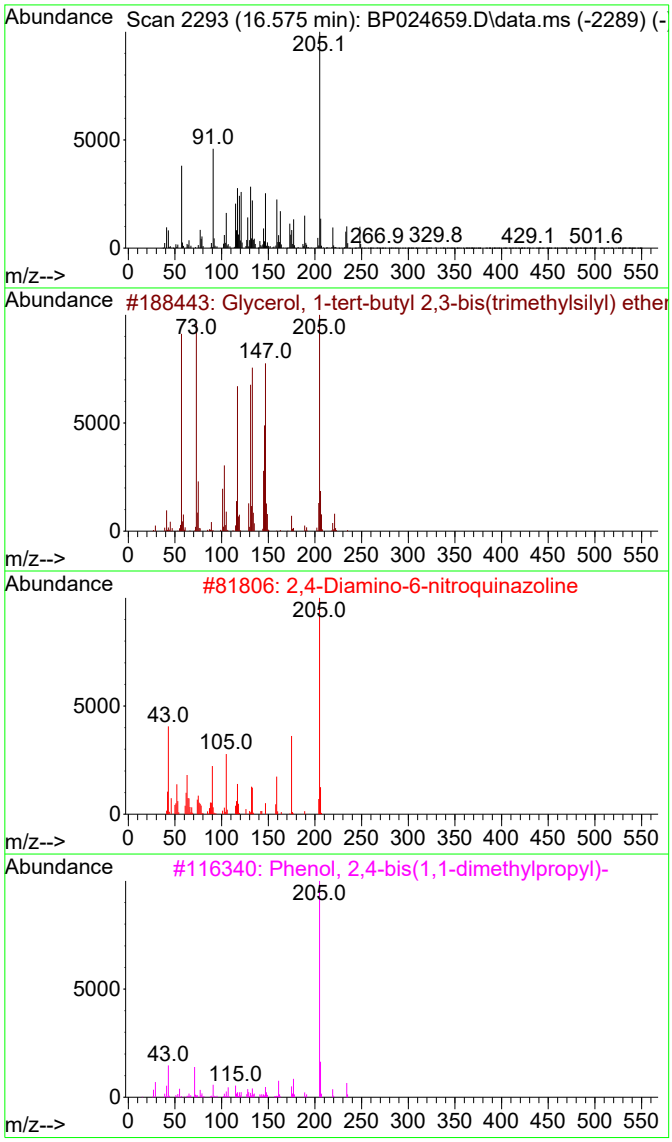
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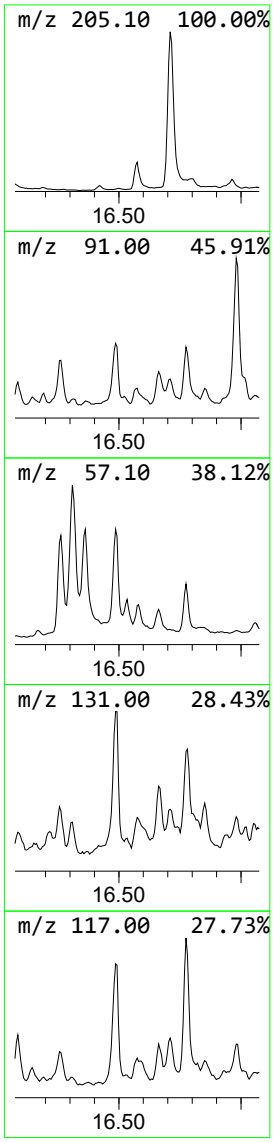
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TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Glycerol, 1-tert-butyl 2,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	8.66 ng	1001000	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycerol, 1-tert-butyl 2,3-bis(t...	292	C13H32O3Si2	1000381-76-0	50
2	2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	43
3	Phenol, 2,4-bis(1,1-dimethylprop...	234	C16H26O	000120-95-6	38
4	Silane, methyltriisopropoxy-	220	C10H24O3Si	1000416-18-8	38
5	Thiazole-2-hydrazine, 5-methyl-4...	205	C10H11N3S	137506-14-0	38





Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

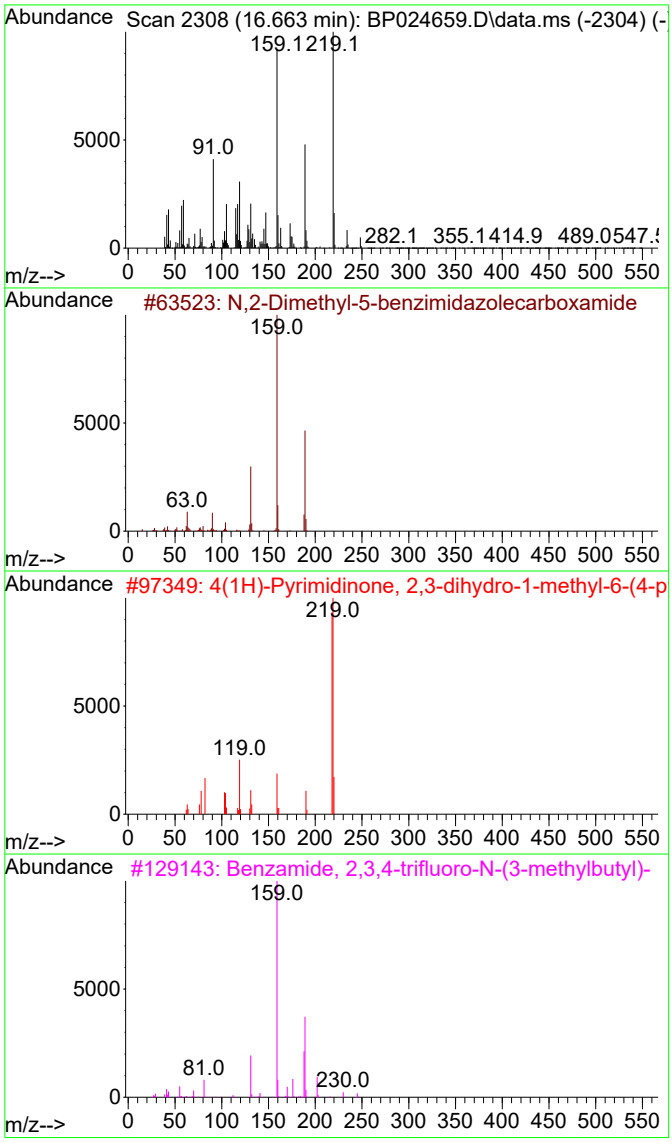
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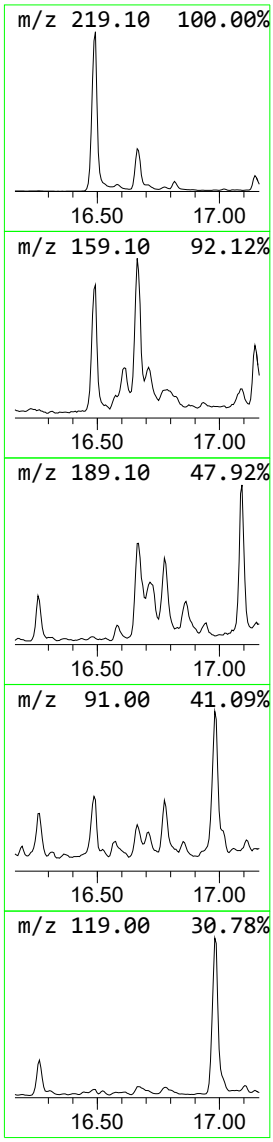
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Peak Number 12 unknown16.663 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	12.89 ng	1488910	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,2-Dimethyl-5-benzimidazolecarb...	189	C10H11N3O	093690-15-4	46
2	4(1H)-Pyrimidinone, 2,3-dihydro-...	219	C10H9N3OS	037039-75-1	35
3	Benzamide, 2,3,4-trifluoro-N-(3-...	245	C12H14F3NO	1000407-26-1	35
4	((4aS,8S,8aR)-8-Isopropyl-5-meth...	220	C15H24O	135118-51-3	35
5	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	25





Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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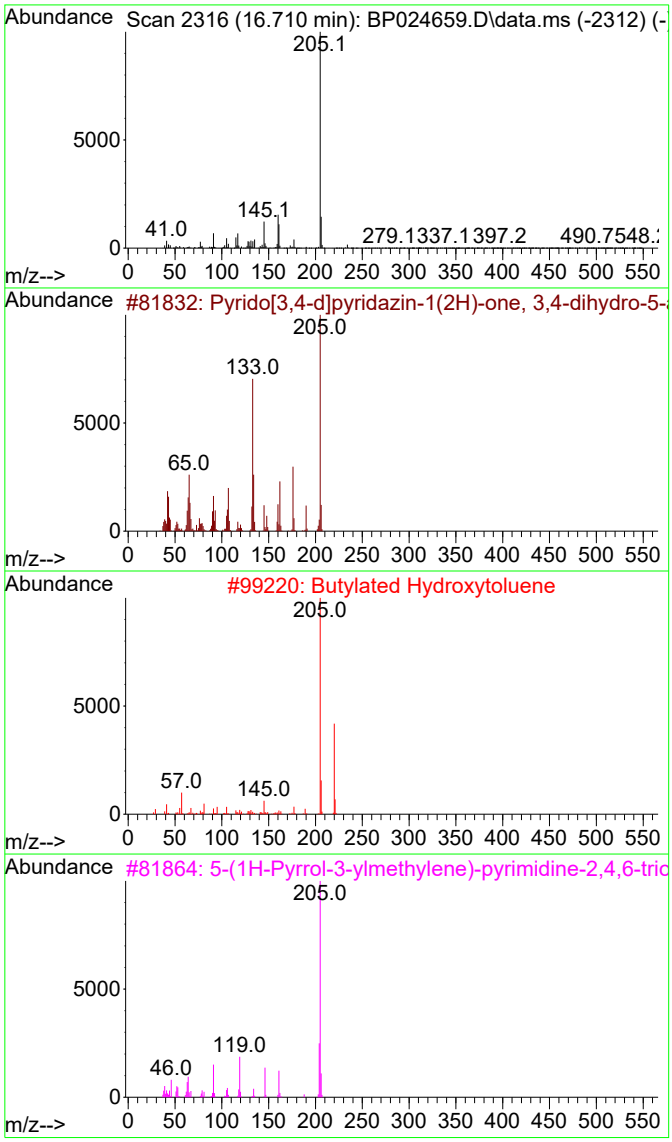
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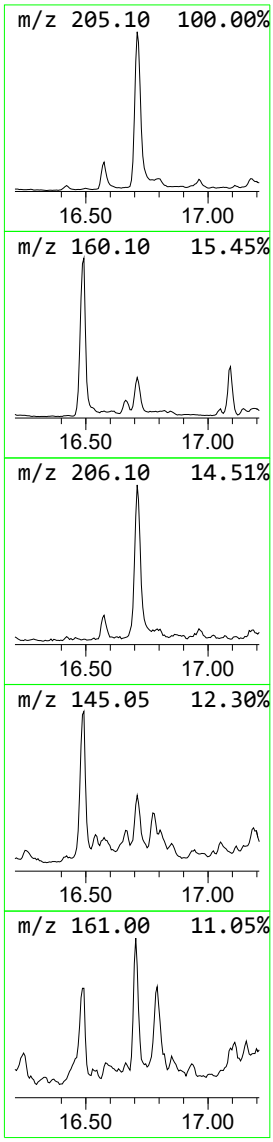
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TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrido[3,4-d]pyridazin-1(2H... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	13.04 ng	1506790	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[3,4-d]pyridazin-1(2H)-one...	205	C9H11N5O	1000271-08-5	64
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	59
3	5-(1H-Pyrrol-3-ylmethylene)-pyri...	205	C9H7N3O3	1000318-16-3	58
4	2-Amino-4-hydroxy-6,7,8-trimethy...	205	C9H11N5O	013045-86-8	53
5	Quinoline, 2-phenyl-	205	C15H11N	000612-96-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

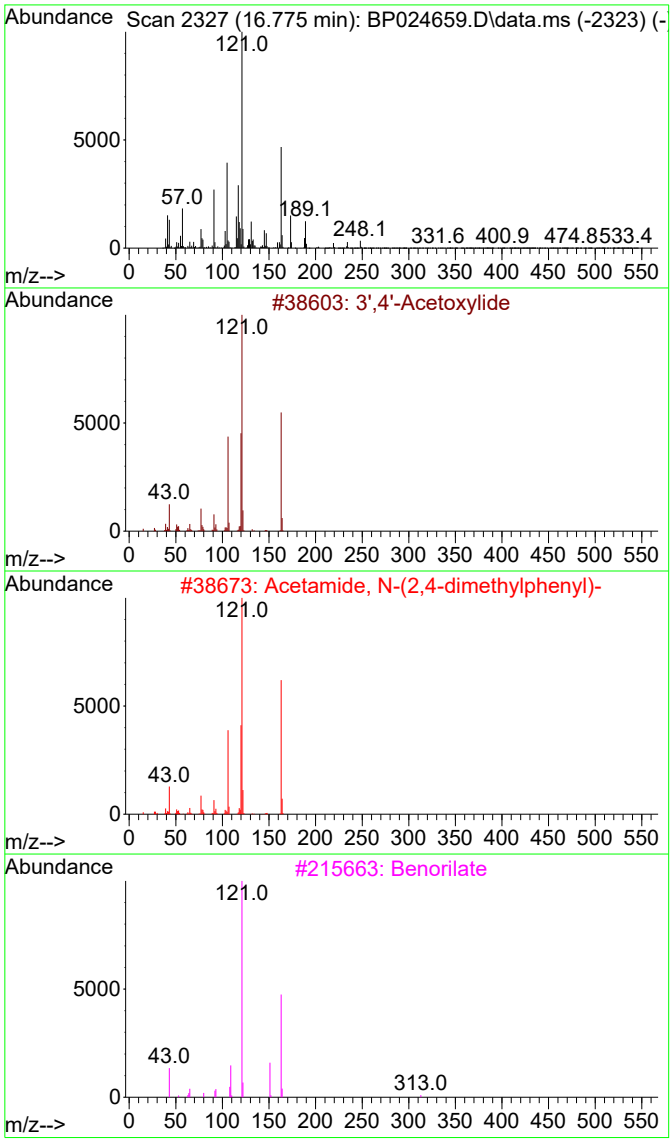
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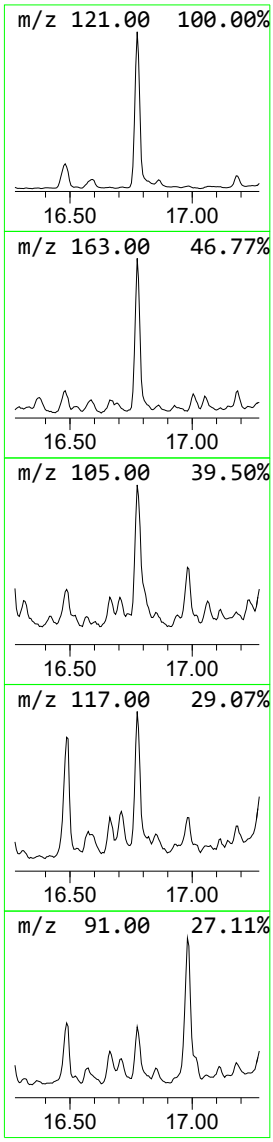
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Peak Number 14 unknown16.775 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.775	24.27 ng	2804240	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
2	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	49
3	Benorilate	313	C17H15NO5	005003-48-5	47
4	4-Isopropoxybenzohydrazide, 2Ac ...	278	C14H18N2O4	1010486-70-3	47
5	Propiophenone, 4'-propoxy-	192	C12H16O2	005736-87-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

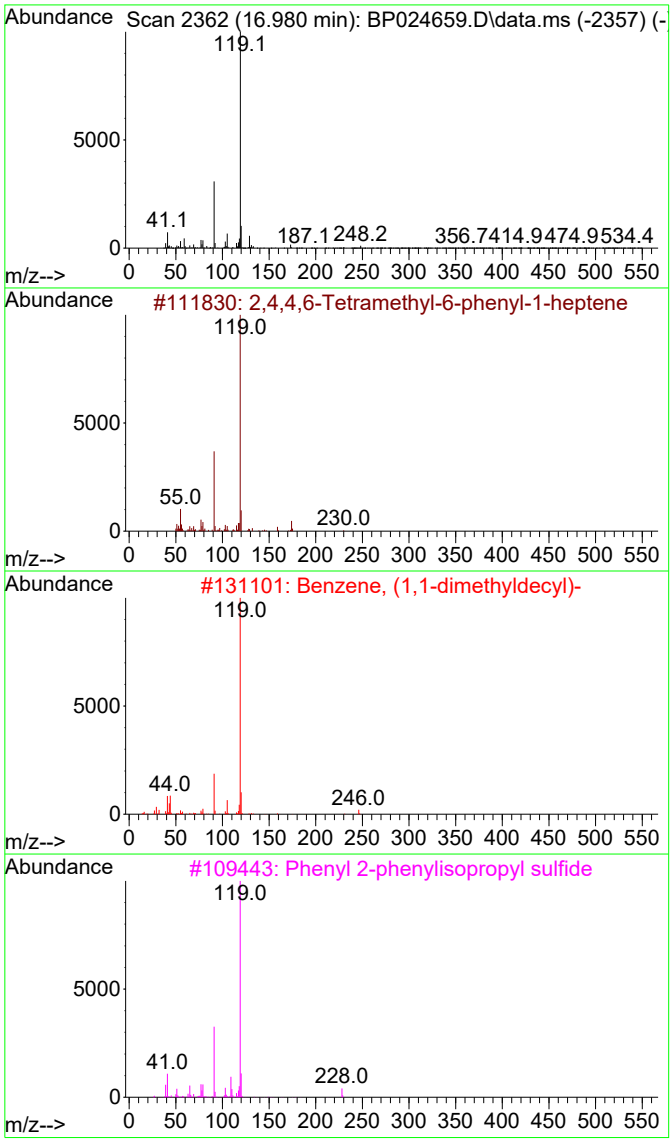
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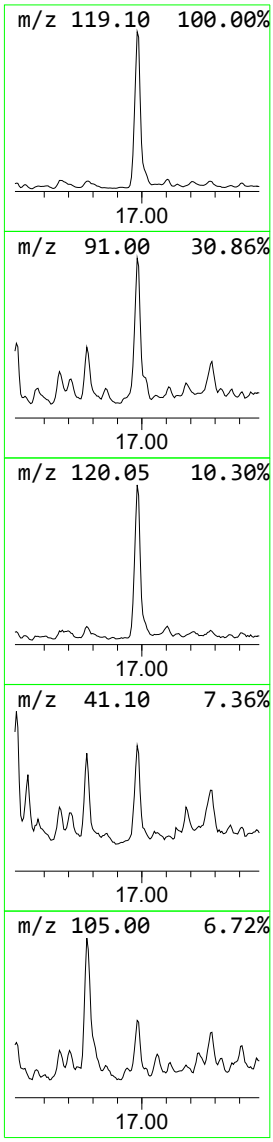
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TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,4,4,6-Tetramethyl-6-pheny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	25.10 ng	2900110	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	83
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
3	Phenyl 2-phenylisopropyl sulfide	228	C15H16S	004148-93-0	64
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
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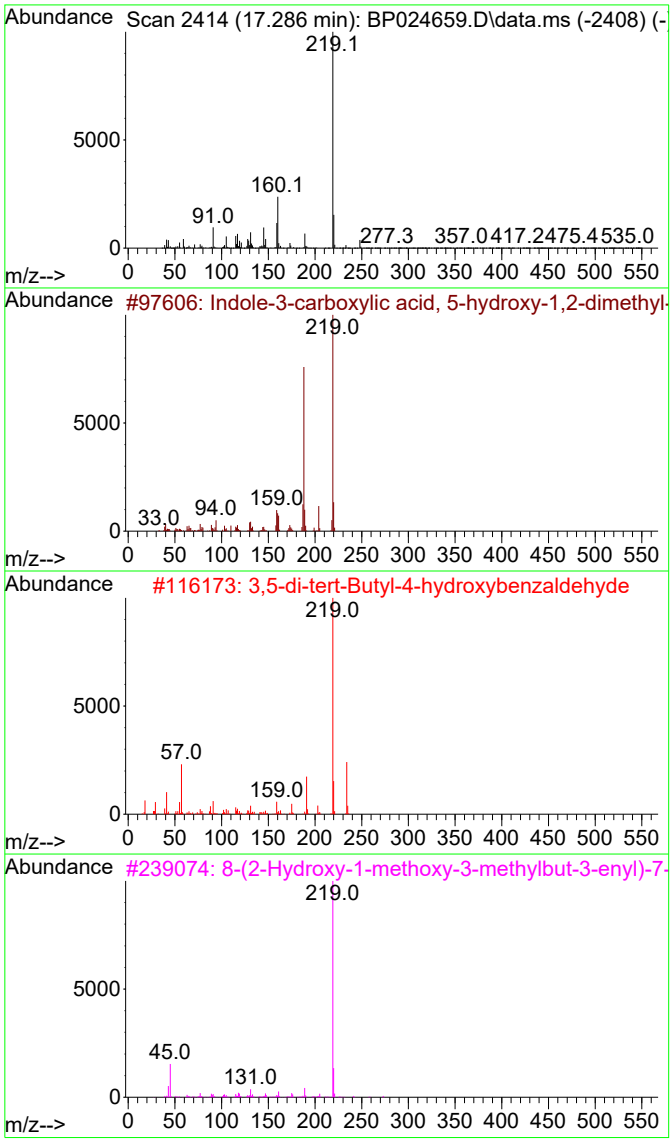
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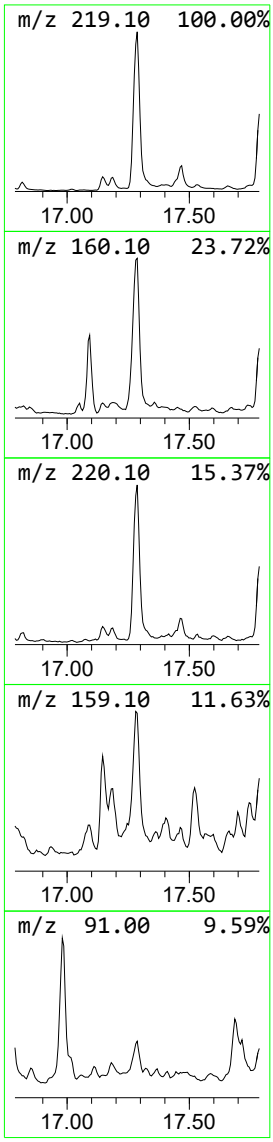
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TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Indole-3-carboxylic acid, 5... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.286	28.52 ng	3294520	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole-3-carboxylic acid, 5-hydr...	219	C12H13NO3	073975-59-4	53
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	53
3	8-(2-Hydroxy-1-methoxy-3-methylb...	332	C18H20O6	006432-70-8	50
4	6-(2-Hydroxy-1-methoxy-3-methylb...	290	C16H18O5	1234985-51-3	50
5	5H-Indolo(2,3-b)quinoxaline	219	C14H9N3	000243-59-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

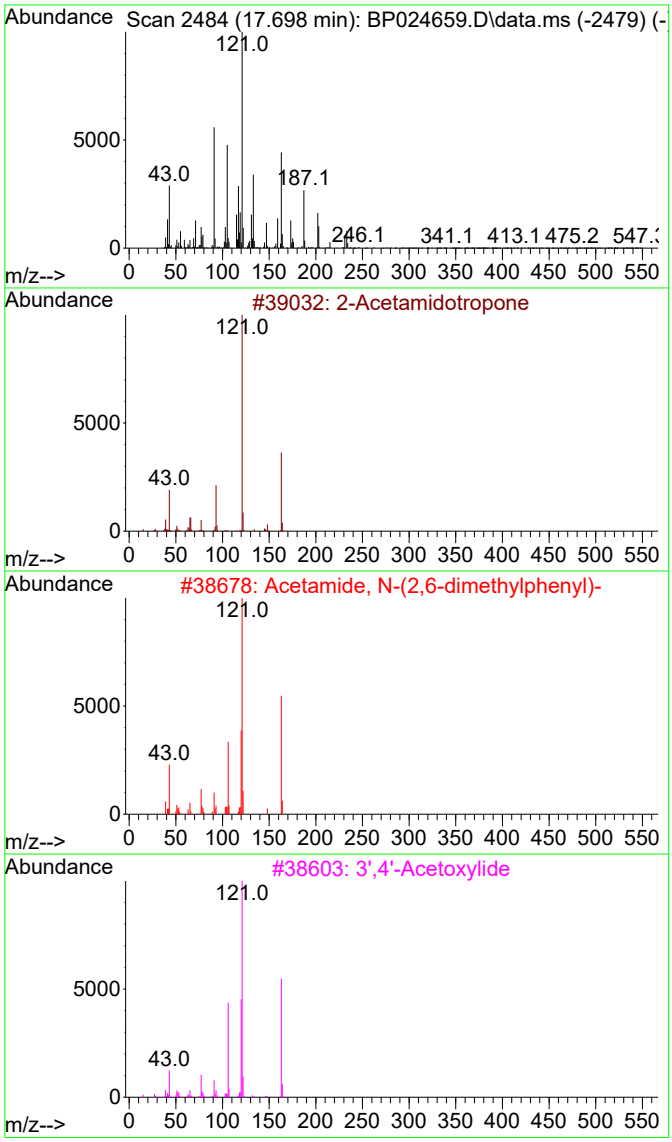
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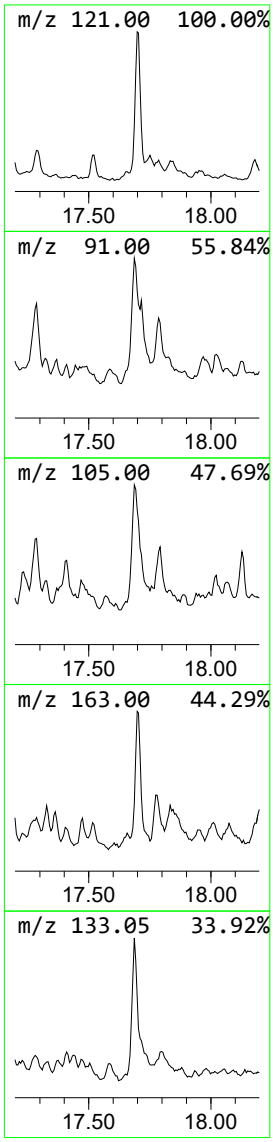
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Peak Number 17 unknown17.698 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	10.85 ng	1253070	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	46
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	46
3	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	46
4	Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	46
5	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

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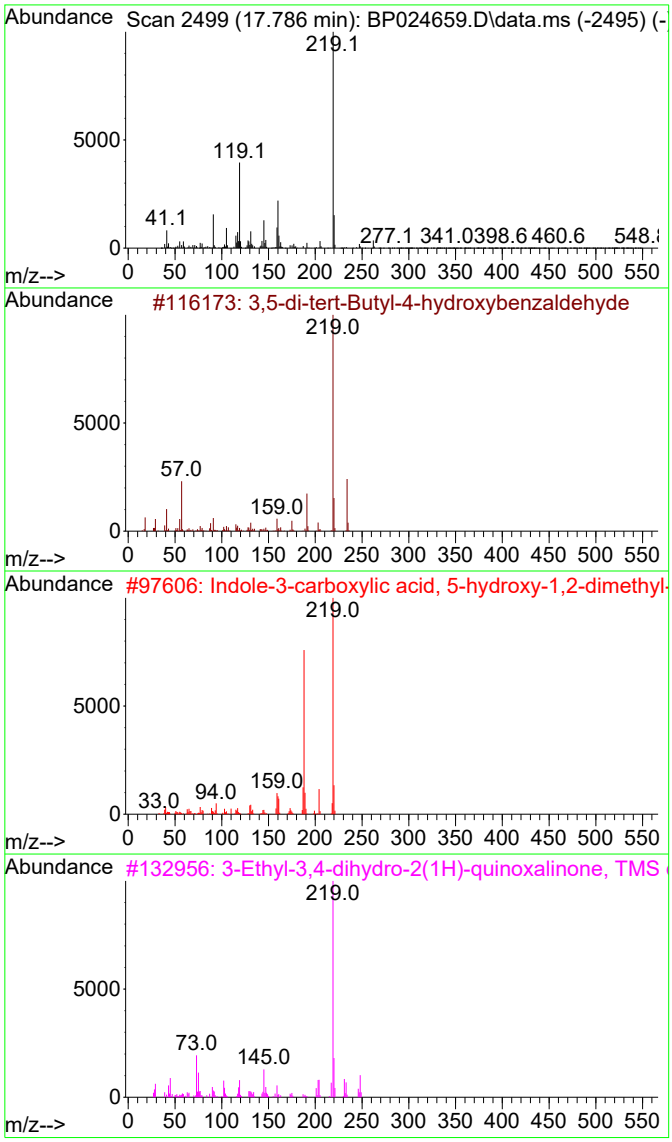
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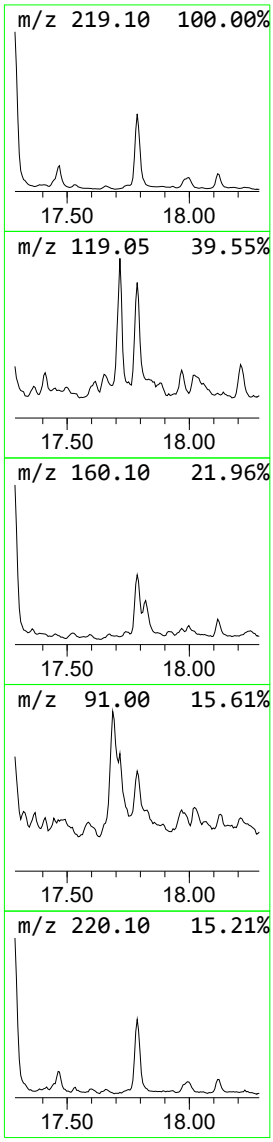
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Peak Number 18 unknown17.786 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	11.50 ng	1327950	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	43
2	Indole-3-carboxylic acid, 5-hydr...	219	C12H13NO3	073975-59-4	43
3	3-Ethyl-3,4-dihydro-2(1H)-quinox...	248	C13H20N2OSi	1000332-06-0	40
4	1,4-Benzenedipropanol, .alpha.,....	278	C18H30O2	054964-98-6	40
5	3-(1,2,4-Triazol-4-yl)phenoxyace...	219	C10H9N3O3	847606-79-5	38





Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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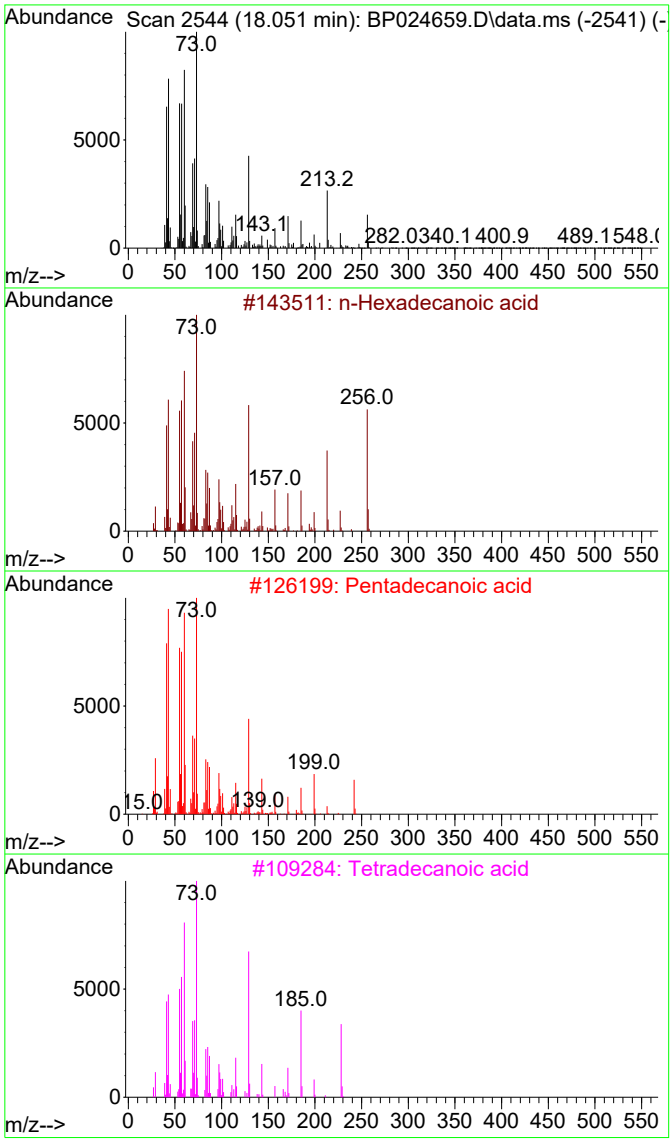
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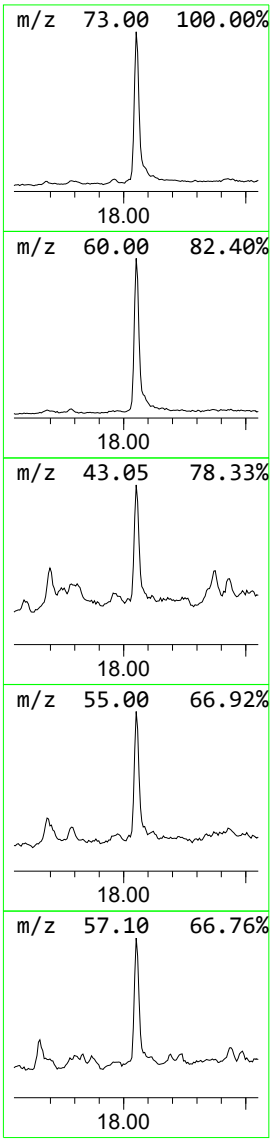
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Peak Number 19 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	14.43 ng	1667010	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

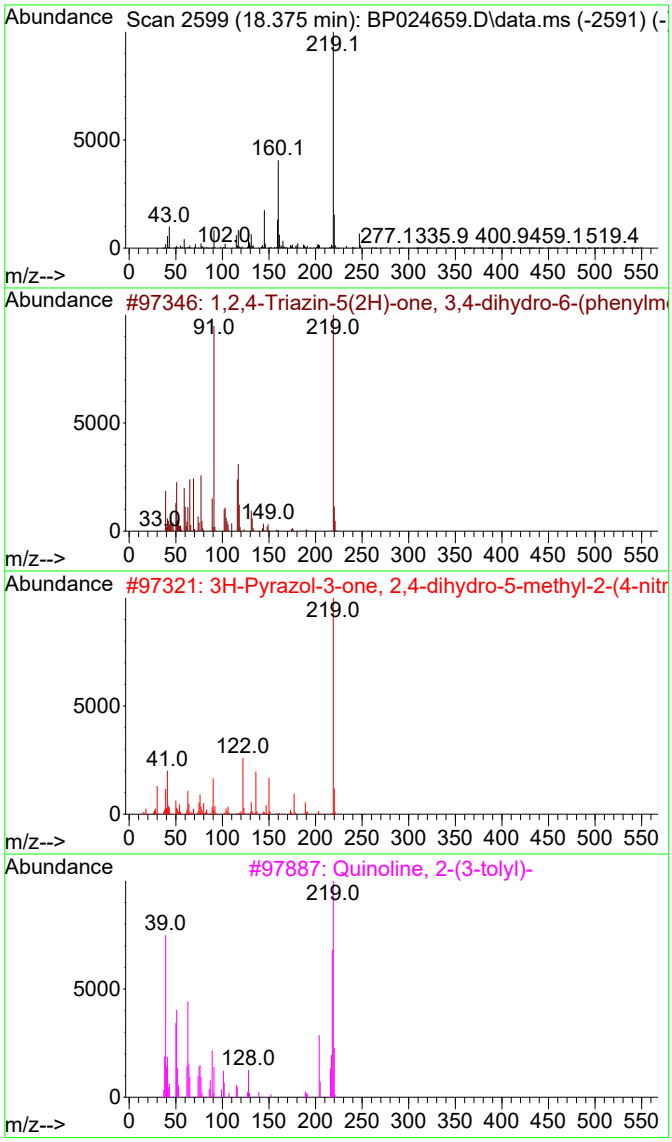
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

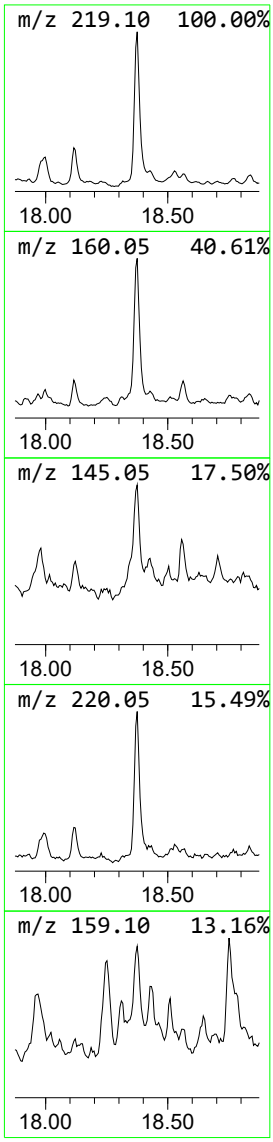
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Peak Number 20 unknown18.375 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	13.12 ng	1515450	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazin-5(2H)-one, 3,4-dih...	219	C10H9N3OS	1000319-59-8	43
2	3H-Pyrazol-3-one, 2,4-dihydro-5-...	219	C10H9N3O3	006402-09-1	43
3	Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	43
4	Phenol, 2,6-bis(1,1-dimethylprop...	248	C17H28O	056103-67-4	40
5	Indole-3-carboxylic acid, 5-hydr...	219	C12H13NO3	073975-59-4	40





Sample Results: **BP024659.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024659.D
Acq On : 16 May 2025 16:17
Operator : RC/JU
Sample : Q1993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-met...	8.757	13.6	ng	597628	1	7.663	878133	20.0
Benzenepropanoi...	13.710	198.3	ng	16927900	3	14.292	1707150	20.0
unknown13.851	13.851	17.9	ng	1527520	3	14.292	1707150	20.0
unknown14.675	14.675	65.5	ng	5595450	3	14.292	1707150	20.0
Dodecanoic acid	14.769	10.6	ng	900892	3	14.292	1707150	20.0
unknown15.222	15.222	9.0	ng	770999	3	14.292	1707150	20.0
unknown15.322	15.322	18.4	ng	1567520	3	14.292	1707150	20.0
3-Phenylheptano...	15.357	8.7	ng	738327	3	14.292	1707150	20.0
2,4-Dimethylphe...	16.257	13.7	ng	1581740	4	17.092	2310460	20.0
unknown16.492	16.492	42.2	ng	4871070	4	17.092	2310460	20.0
Glycerol, 1-ter...	16.575	8.7	ng	1001000	4	17.092	2310460	20.0
unknown16.663	16.663	12.9	ng	1488910	4	17.092	2310460	20.0
Pyrido[3,4-d]py...	16.710	13.0	ng	1506790	4	17.092	2310460	20.0
unknown16.775	16.775	24.3	ng	2804240	4	17.092	2310460	20.0
2,4,4,6-Tetrame...	16.980	25.1	ng	2900110	4	17.092	2310460	20.0
Indole-3-carbox...	17.286	28.5	ng	3294520	4	17.092	2310460	20.0
unknown17.698	17.698	10.9	ng	1253070	4	17.092	2310460	20.0
unknown17.786	17.786	11.5	ng	1327950	4	17.092	2310460	20.0
n-Hexadecanoic ...	18.051	14.4	ng	1667010	4	17.092	2310460	20.0
unknown18.375	18.375	13.1	ng	1515450	4	17.092	2310460	20.0

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-4-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024660.D	1	05/12/25 08:40	05/16/25 16:58	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.1	ug/L
108-95-2	Phenol	0.92	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.82	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	0.59	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.75	U	0.75	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.77	U	0.77	5.10	ug/L
78-59-1	Isophorone	0.76	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.53	U	0.53	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.85	U	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.60	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.52	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	0.63	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-4-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024660.D	1	05/12/25 08:40	05/16/25 16:58	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.76	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.93	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.1	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.1	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.1	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.83	U	0.83	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.94	U	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.10	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.10	ug/L

Raw Data: **BP024660.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-4-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024660.D	1	05/12/25 08:40	05/16/25 16:58	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	74.8		10 - 139	50%	SPK: 150
13127-88-3	Phenol-d6	45.1		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.1		49 - 133	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.2		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	84.0		48 - 125	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000	7.663			
1146-65-2	Naphthalene-d8	505000	10.434			
15067-26-2	Acenaphthene-d10	321000	14.298			
1517-22-2	Phenanthrene-d10	636000	17.092			
1719-03-5	Chrysene-d12	760000	21.521			
1520-96-3	Perylene-d12	942000	24.809			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.90	AB		4.83	ug/L
000057-10-3	n-Hexadecanoic acid	3.30	J		18.0	ug/L

Raw Data: **BP024660.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-4-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024660.D	1	05/12/25 08:40	05/16/25 16:58	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Quant Time: May 16 17:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	125391	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	504701	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	321435	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	636219	20.000	ng	0.00
76) Chrysene-d12	21.521	240	759775	20.000	ng	0.00
86) Perylene-d12	24.809	264	942289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	548143	74.768	ng	0.02
7) Phenol-d6	6.893	99	421824	45.083	ng	0.04
23) Nitrobenzene-d5	8.810	82	889851	89.084	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	761995	139.835	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2090804	85.218	ng	0.00
79) Terphenyl-d14	19.821	244	3721949	83.999	ng	0.01
Target Compounds						Qvalue

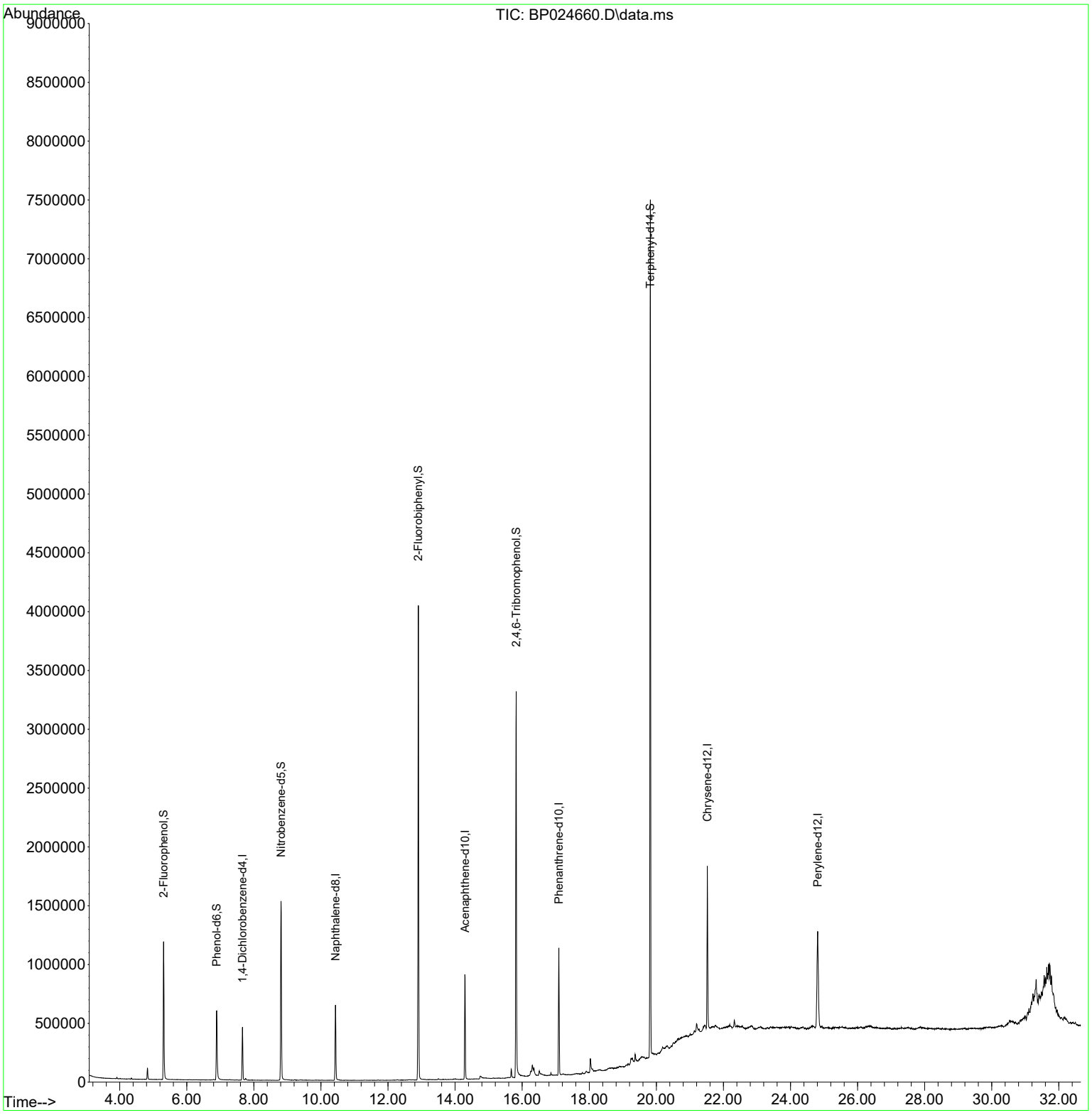
(#) = qualifier out of range (m) = manual integration (+) = signals summed

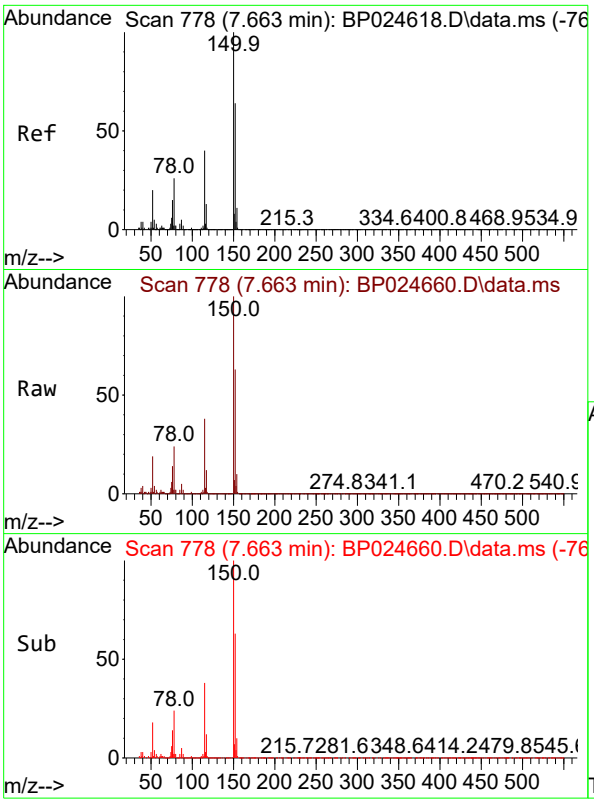
Sample Results: **BP024660.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Quant Time: May 16 17:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



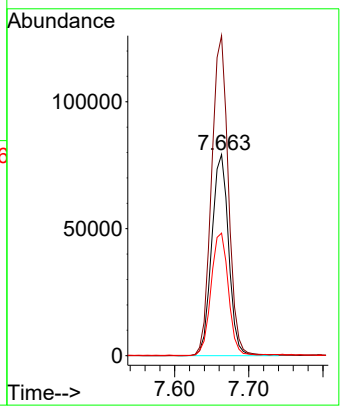


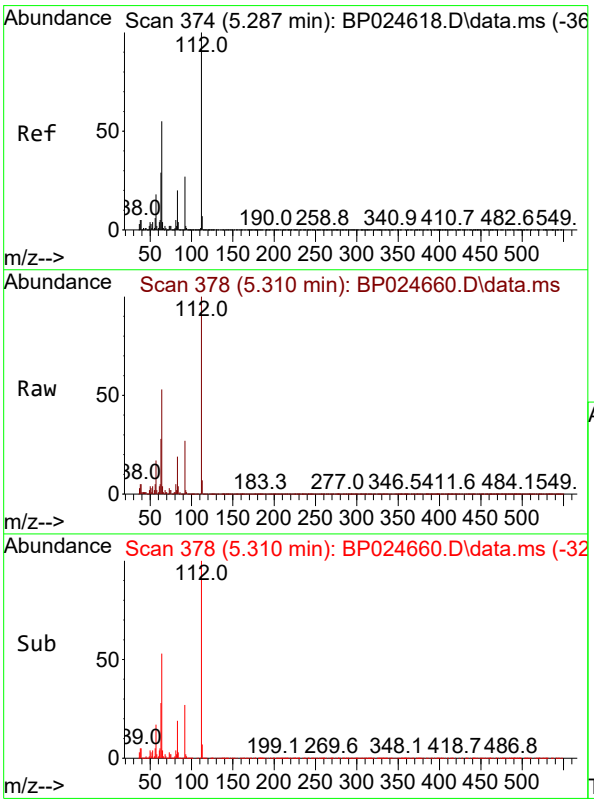
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Tgt Ion:152 Resp: 125391

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.9	188.9
115	60.9	50.1	75.1

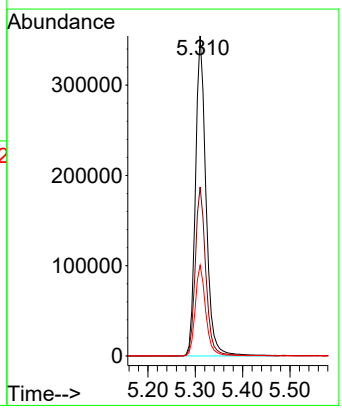


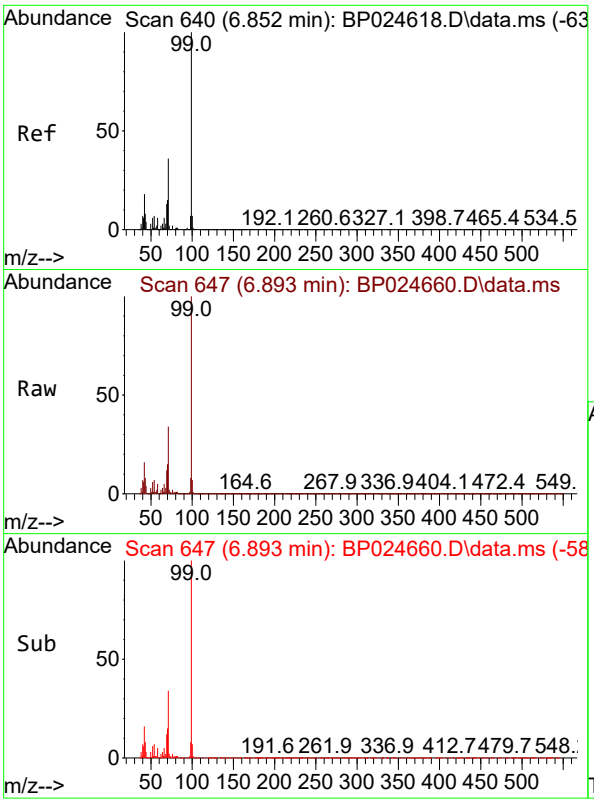


#5
2-Fluorophenol
Concen: 74.768 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.023 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:112 Resp: 548143

Ion	Ratio	Lower	Upper
112	100		
64	52.8	44.1	66.1
63	28.3	23.5	35.3



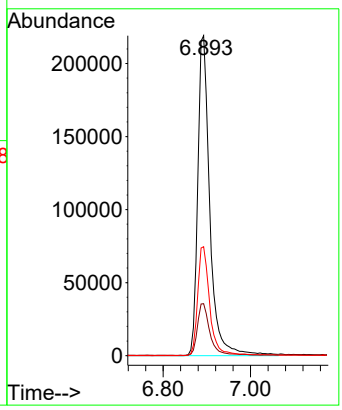


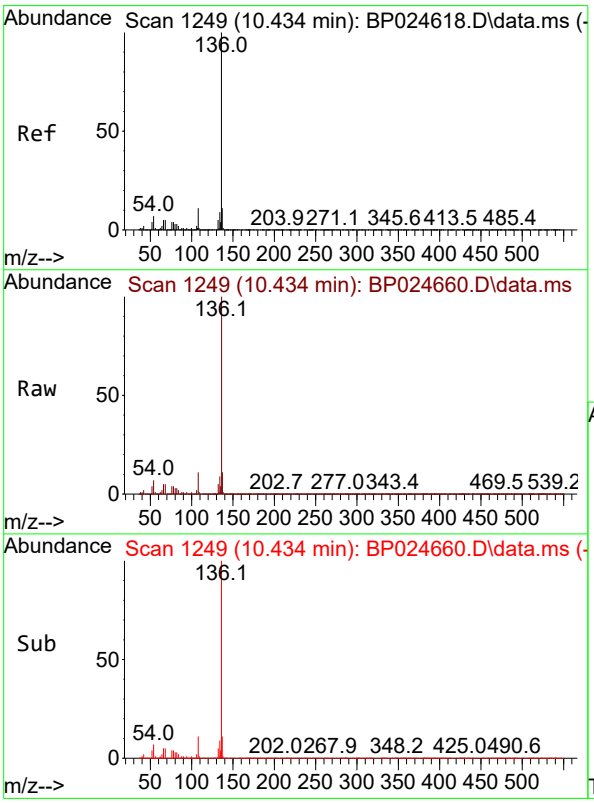
#7
Phenol-d6
Concen: 45.083 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.041 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Tgt Ion: 99 Resp: 421824

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.4	21.6
71	34.1	29.2	43.8

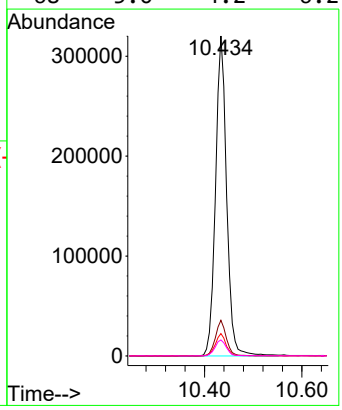


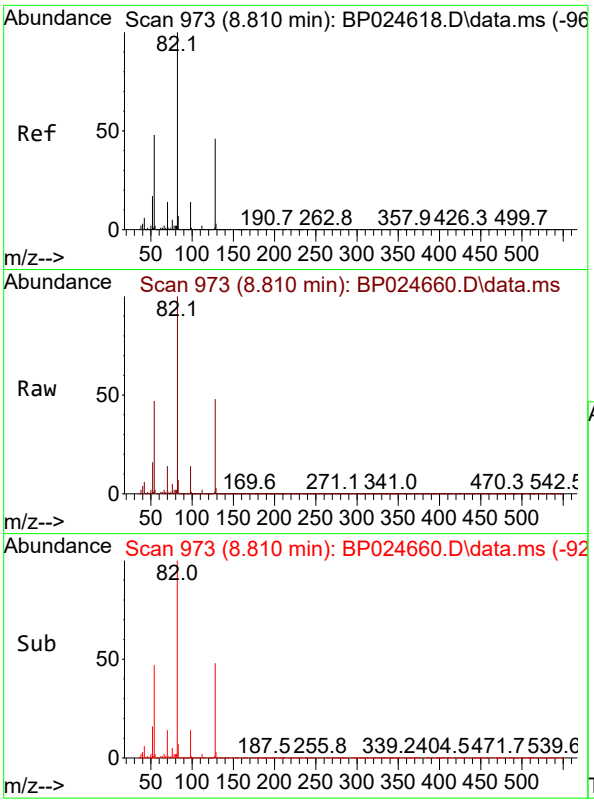


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:136 Resp: 504701

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.0	5.5	8.3
68	5.0	4.2	6.2



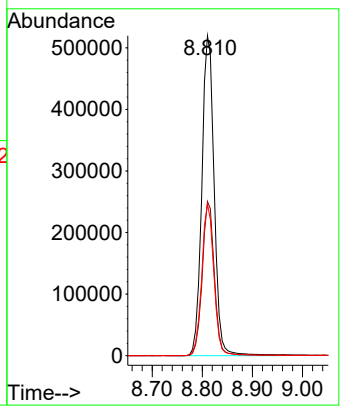


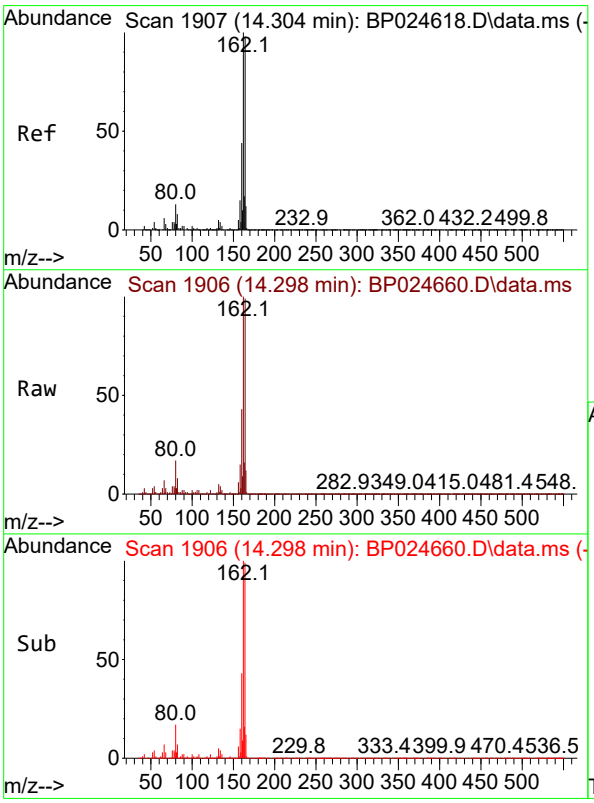
#23
Nitrobenzene-d5
Concen: 89.084 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Tgt Ion: 82 Resp: 889851

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.0	55.4
54	47.4	38.7	58.1

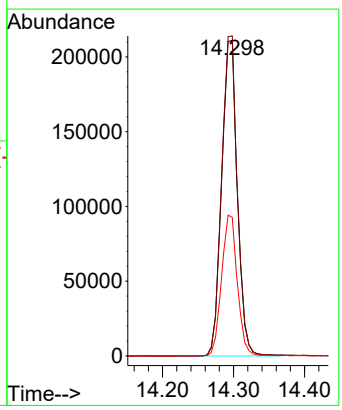


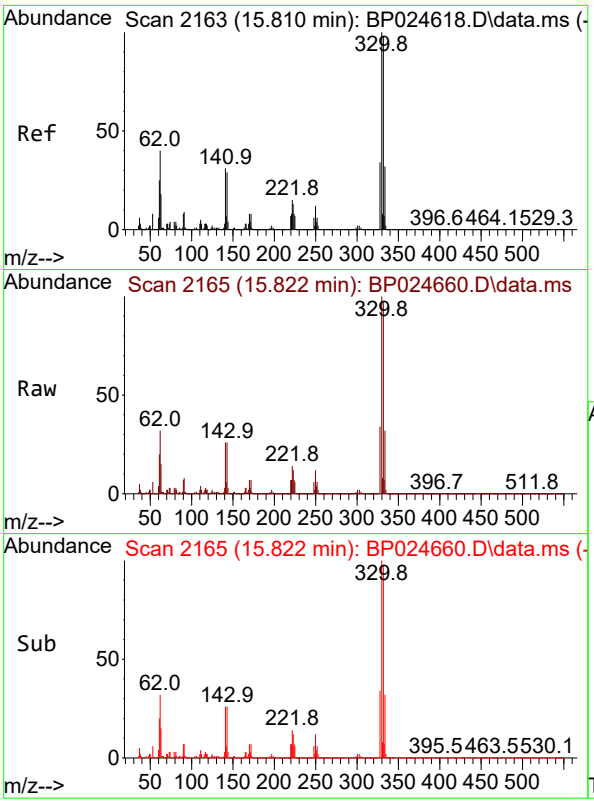


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:164 Resp: 321435

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	43.9	36.3	54.5



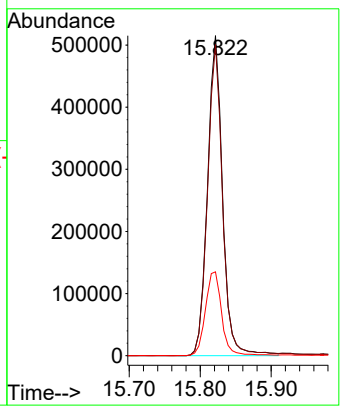


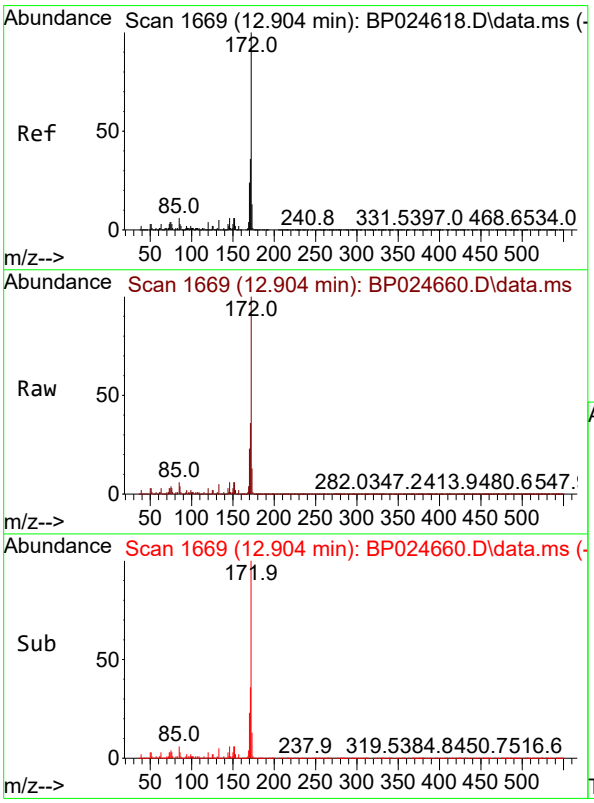
#42
2,4,6-Tribromophenol
Concen: 139.835 ng
RT: 15.822 min Scan# 2
Delta R.T. 0.011 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Tgt Ion:330 Resp: 761995

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	28.3	24.3	36.5

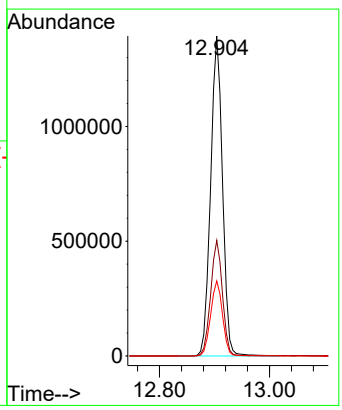


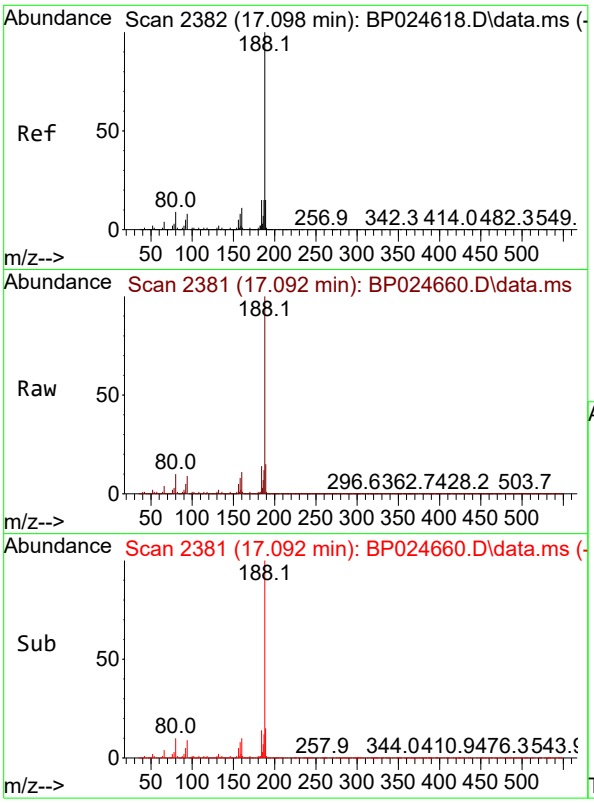


#45
2-Fluorobiphenyl
Concen: 85.218 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:172 Resp: 2090804

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.4	18.8	28.2



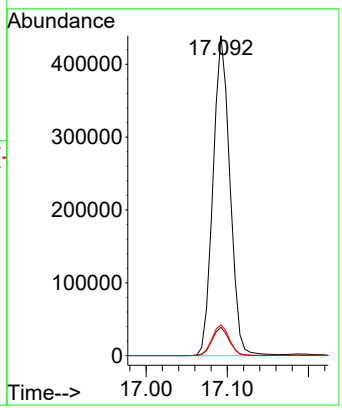


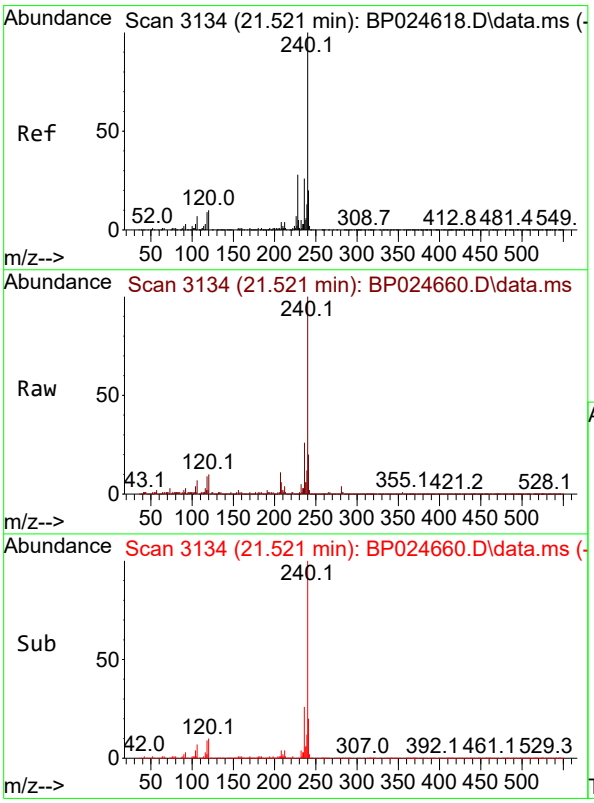
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Tgt Ion:188 Resp: 636219

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.5	9.7
80	9.7	7.3	10.9

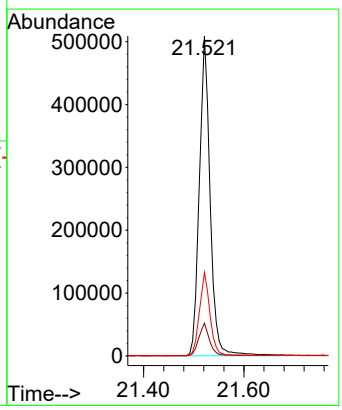


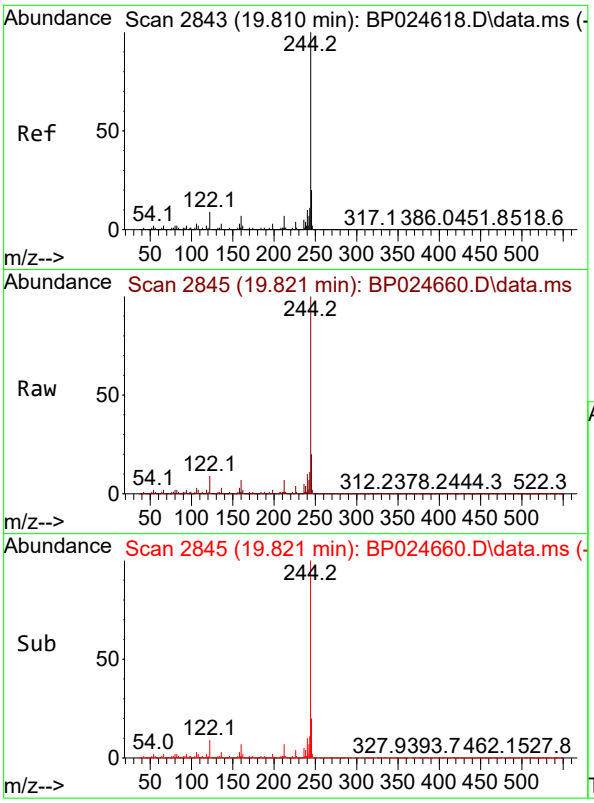


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:240 Resp: 759775

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.8	11.6
236	26.2	20.6	31.0



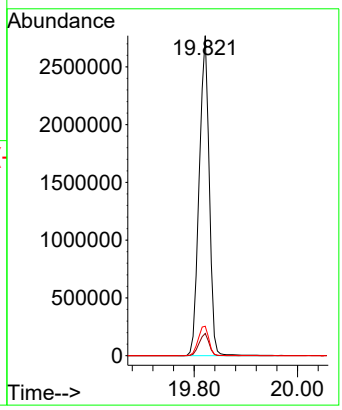


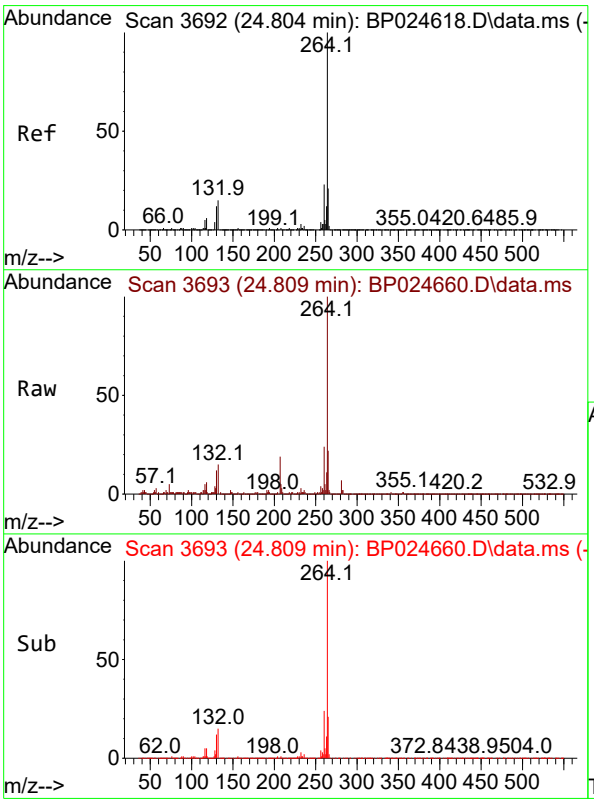
#79
Terphenyl-d14
Concen: 83.999 ng
RT: 19.821 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Tgt Ion:244 Resp: 3721949

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.2	7.4	11.0

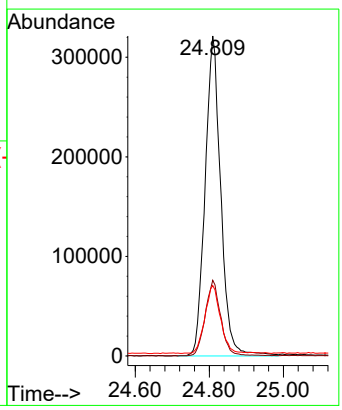




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.809 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024660.D
Acq: 16 May 2025 16:58

Tgt Ion:264 Resp: 942289

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	17.0	25.6



Sample Results: **BP024660.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	291	296	306	rVB	97200	137791	1.39%	0.381%
2	5.310	372	378	393	rBV	1172461	1804900	18.24%	4.985%
3	6.893	639	647	668	rBV	590956	1161886	11.74%	3.209%
4	7.663	771	778	787	rBV	450761	719996	7.28%	1.989%
5	8.810	966	973	993	rBV	1520328	2572365	26.00%	7.105%
6	10.434	1241	1249	1261	rBV	640718	1011370	10.22%	2.794%
7	12.904	1660	1669	1688	rBV	4034939	6078921	61.44%	16.791%
8	14.292	1899	1905	1913	rBV	889144	1362671	13.77%	3.764%
9	15.822	2157	2165	2175	rBV	3283894	5021552	50.76%	13.870%
10	16.304	2242	2247	2252	rBV3	59499	131232	1.33%	0.362%
11	16.345	2252	2254	2268	rVB	63504	129413	1.31%	0.357%
12	17.092	2375	2381	2393	rBV2	1082715	1593541	16.11%	4.402%
13	18.033	2536	2541	2549	rBV2	121370	261572	2.64%	0.723%
14	19.821	2838	2845	2852	rBV	7290699	9893604	100.00%	27.328%
15	21.521	3129	3134	3149	rVB	1380018	1996616	20.18%	5.515%
16	24.809	3685	3693	3708	rVB	817782	2326030	23.51%	6.425%

Sum of corrected areas: 36203460

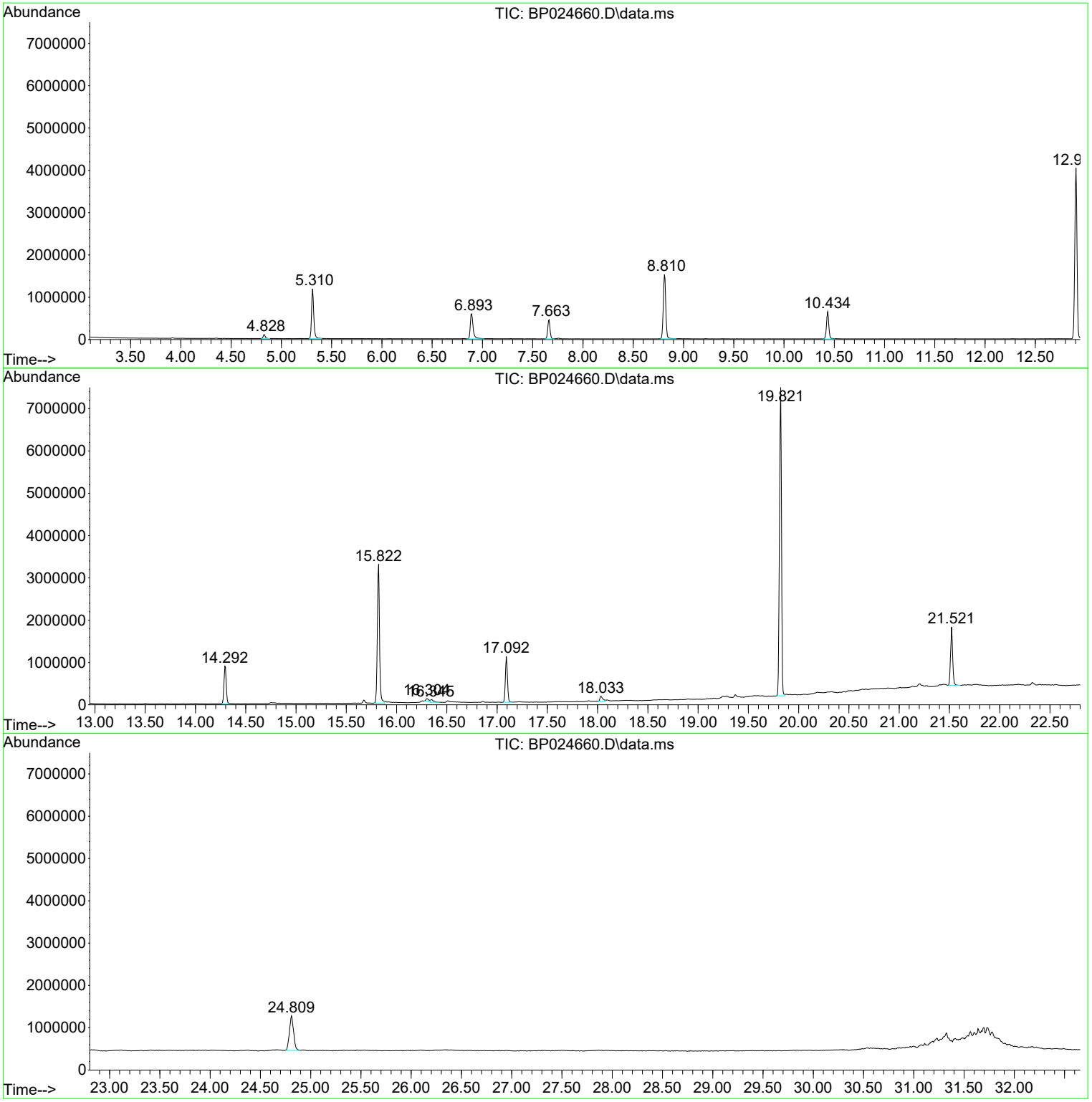
Sample Results: **BP024660.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

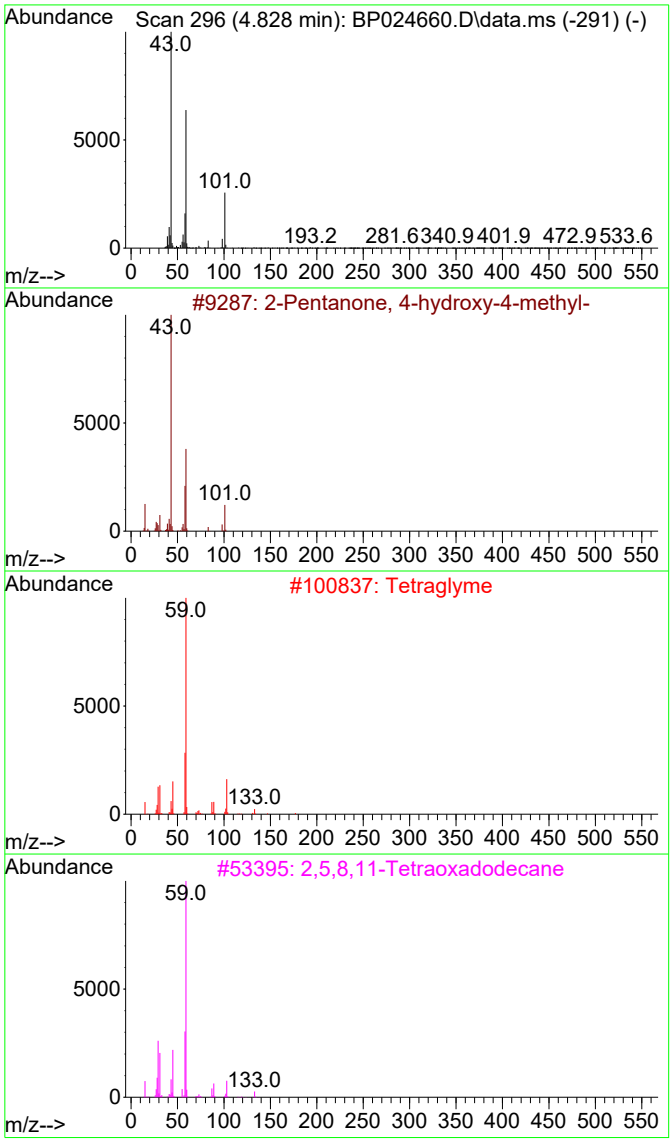
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

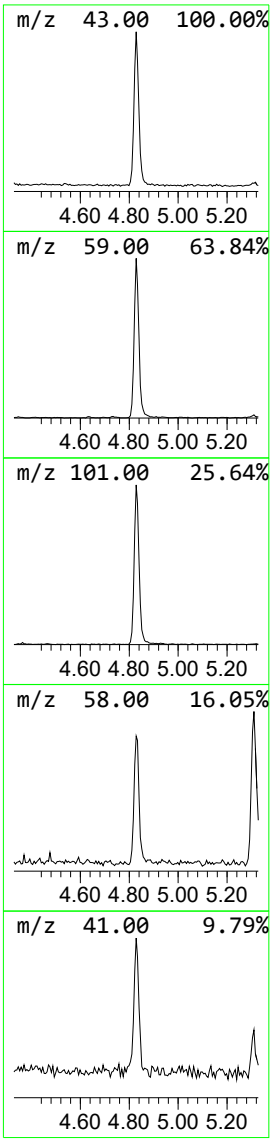
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.828	3.83 ng	137791	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Tetraglyme	222	C10H22O5	000143-24-8	37
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	32
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

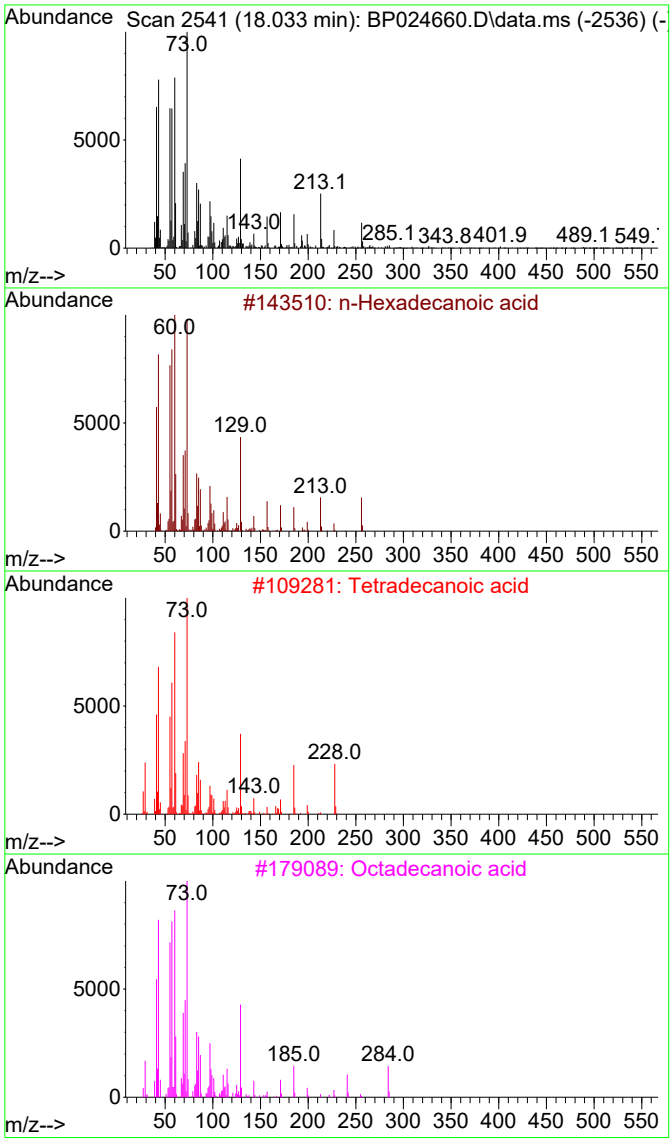
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

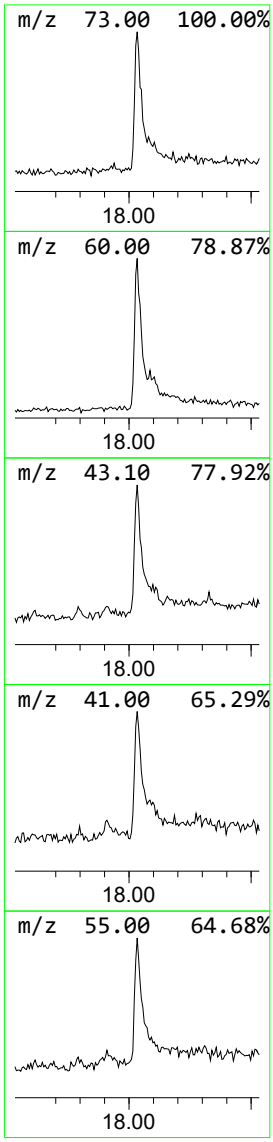
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	3.28 ng	261572	Phenanthrene-d10	17.092

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Sample Results: **BP024660.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024660.D
Acq On : 16 May 2025 16:58
Operator : RC/JU
Sample : Q1993-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.828	3.8	ng	137791	1	7.663	719996	20.0
n-Hexadecanoic ...	18.033	3.3	ng	261572	4	17.092	1593540	20.0

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	EB-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024661.D	1	05/12/25 08:40	05/16/25 17:39	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

Raw Data: **BP024661.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	EB-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024661.D	1	05/12/25 08:40	05/16/25 17:39	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

Raw Data: **BP024661.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	EB-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024661.D	1	05/12/25 08:40	05/16/25 17:39	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	72.8		10 - 139	49%	SPK: 150
13127-88-3	Phenol-d6	44.3		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.2		49 - 133	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.9		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		44 - 137	106%	SPK: 150
1718-51-0	Terphenyl-d14	92.6		48 - 125	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	7.664			
1146-65-2	Naphthalene-d8	534000	10.428			
15067-26-2	Acenaphthene-d10	350000	14.293			
1517-22-2	Phenanthrene-d10	715000	17.093			
1719-03-5	Chrysene-d12	846000	21.522			
1520-96-3	Perylene-d12	1030000	24.81			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.80	AB		4.83	ug/L

Raw Data: **BP024661.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	EB-20250508	SDG No.:	Q1993
Lab Sample ID:	Q1993-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024661.D	1	05/12/25 08:40	05/16/25 17:39	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP051625\
Data File : BP024661.D
Acq On : 16 May 2025 17:39
Operator : RC/JU
Sample : Q1993-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Quant Time: May 16 17:59:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	131811	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	533983	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	349924	20.000	ng	-0.01
64) Phenanthrene-d10	17.093	188	715145	20.000	ng	0.00
76) Chrysene-d12	21.522	240	845865	20.000	ng	0.00
86) Perylene-d12	24.810	264	1027172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	560972	72.791	ng	0.02
7) Phenol-d6	6.887	99	435239	44.251	ng	0.04
23) Nitrobenzene-d5	8.811	82	963623	91.180	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	944938	159.289	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2347051	87.874	ng	0.00
79) Terphenyl-d14	19.816	244	4566941	92.579	ng	0.00
Target Compounds						Qvalue

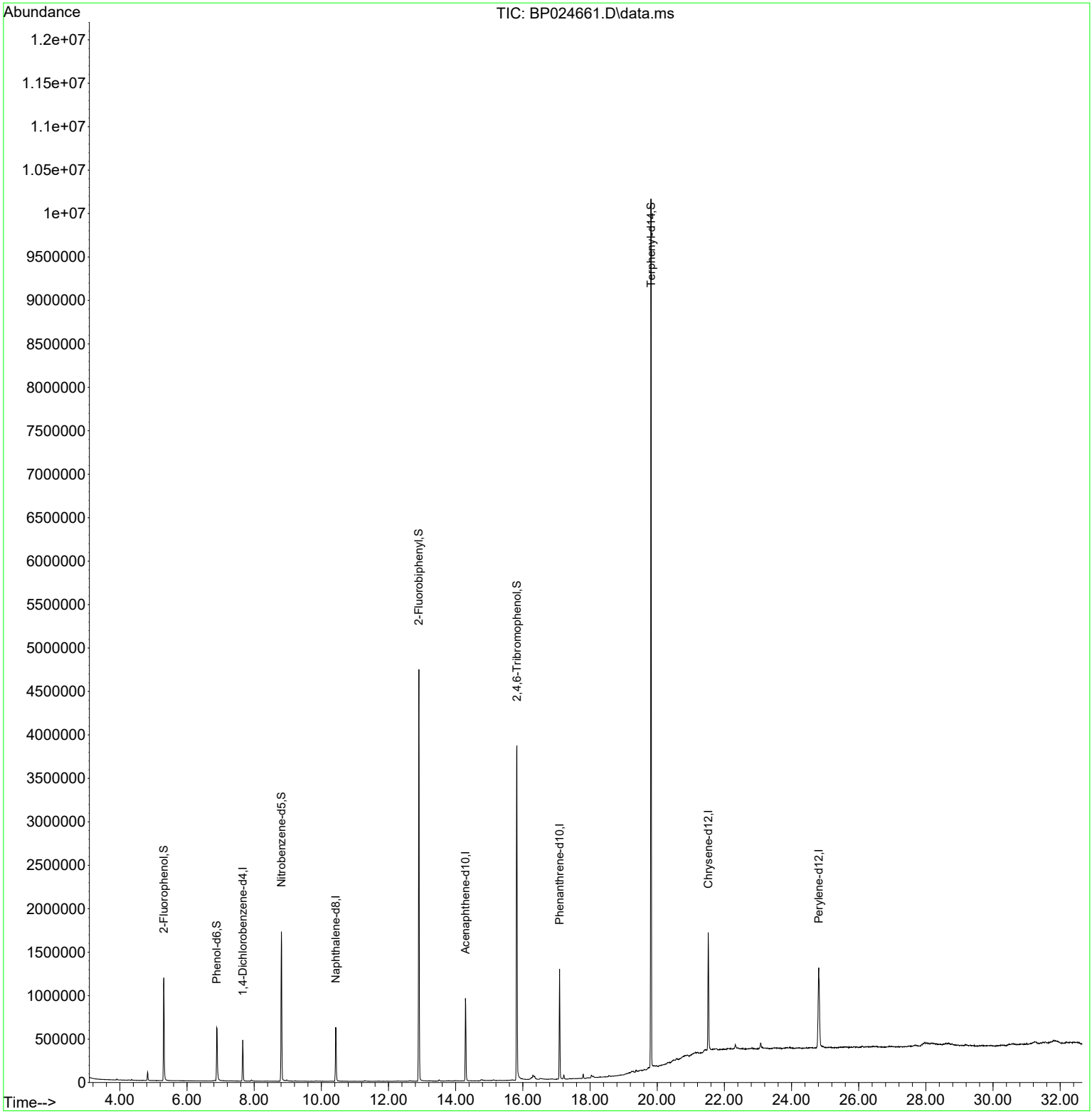
(#) = qualifier out of range (m) = manual integration (+) = signals summed

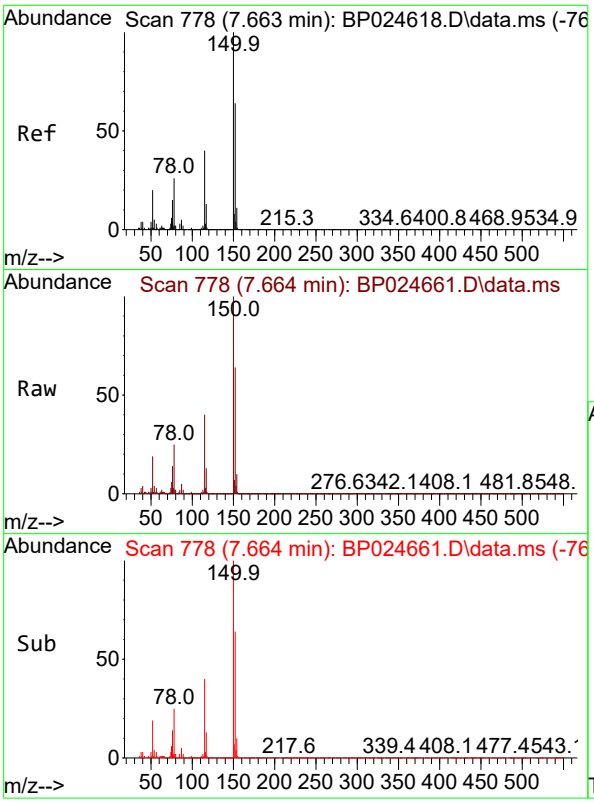
Sample Results: **BP024661.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024661.D
Acq On : 16 May 2025 17:39
Operator : RC/JU
Sample : Q1993-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Quant Time: May 16 17:59:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



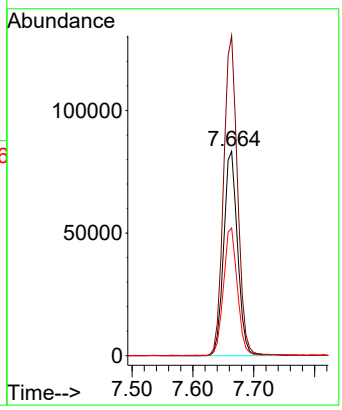


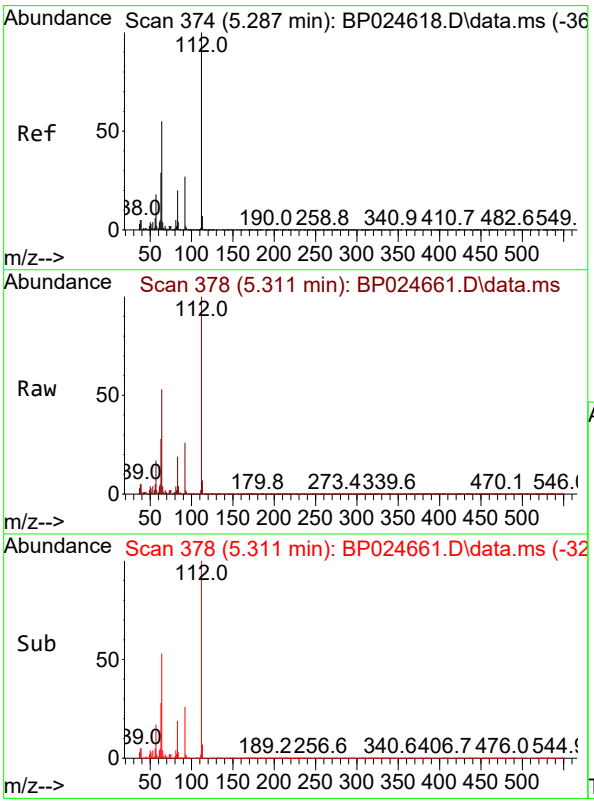
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Tgt Ion:152 Resp: 131811

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.9	188.9
115	62.4	50.1	75.1

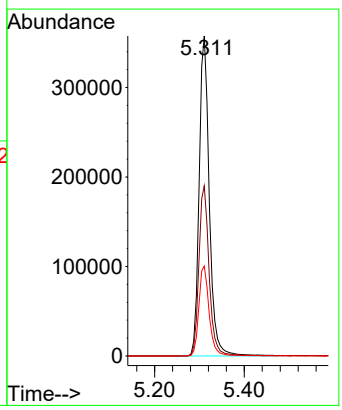


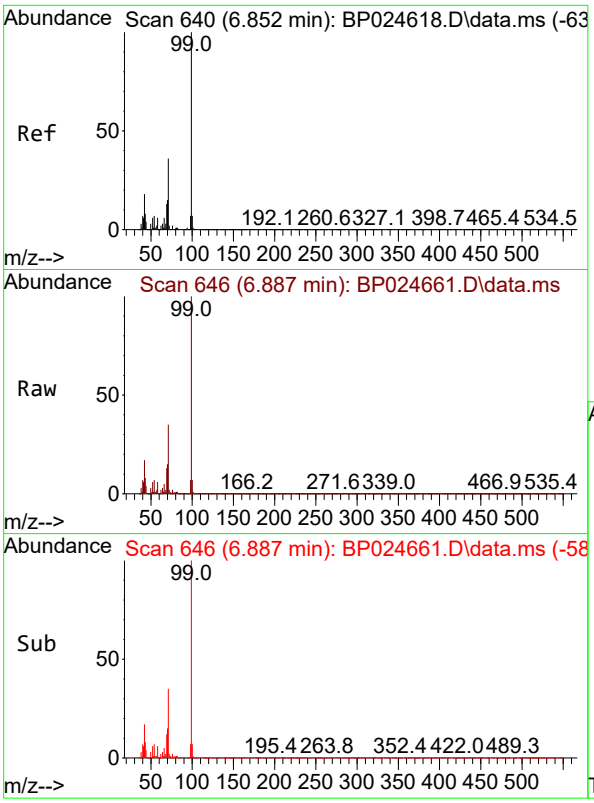


#5
2-Fluorophenol
Concen: 72.791 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.024 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:112 Resp: 560972

Ion	Ratio	Lower	Upper
112	100		
64	53.1	44.1	66.1
63	28.1	23.5	35.3



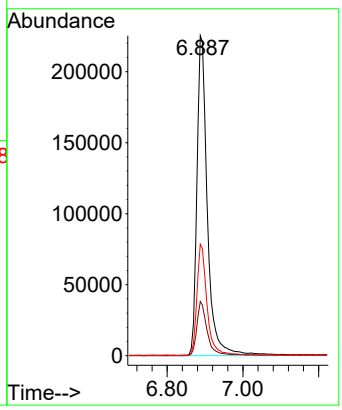


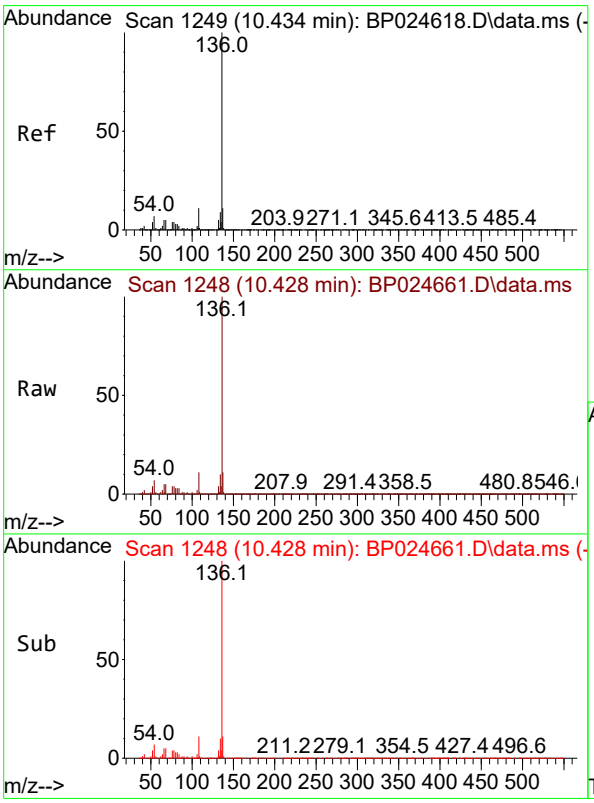
#7
Phenol-d6
Concen: 44.251 ng
RT: 6.887 min Scan# 64
Delta R.T. 0.035 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Tgt Ion: 99 Resp: 435239

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.4	21.6
71	34.9	29.2	43.8

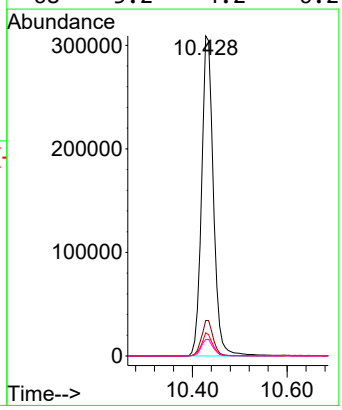


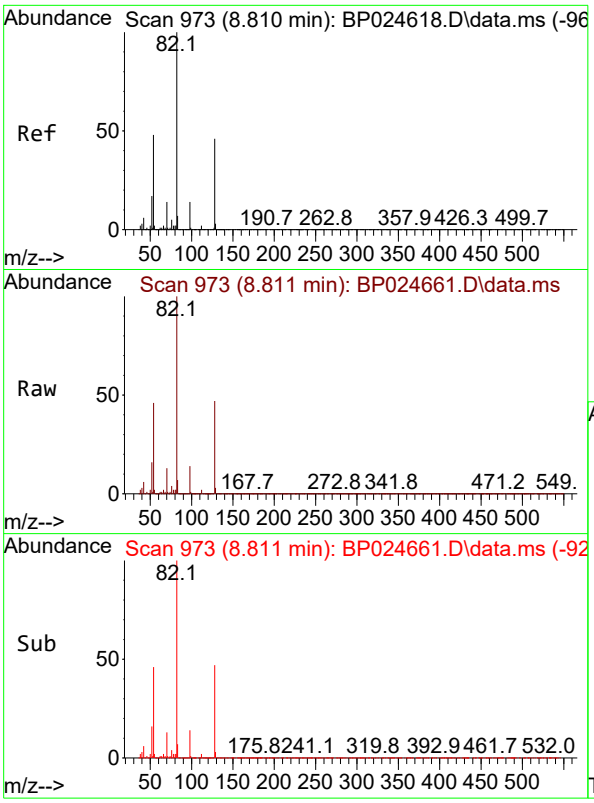


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:136 Resp: 533983

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	5.5	8.3
68	5.2	4.2	6.2



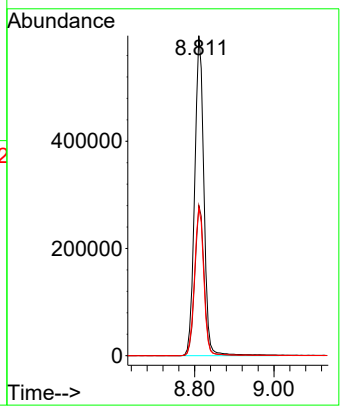


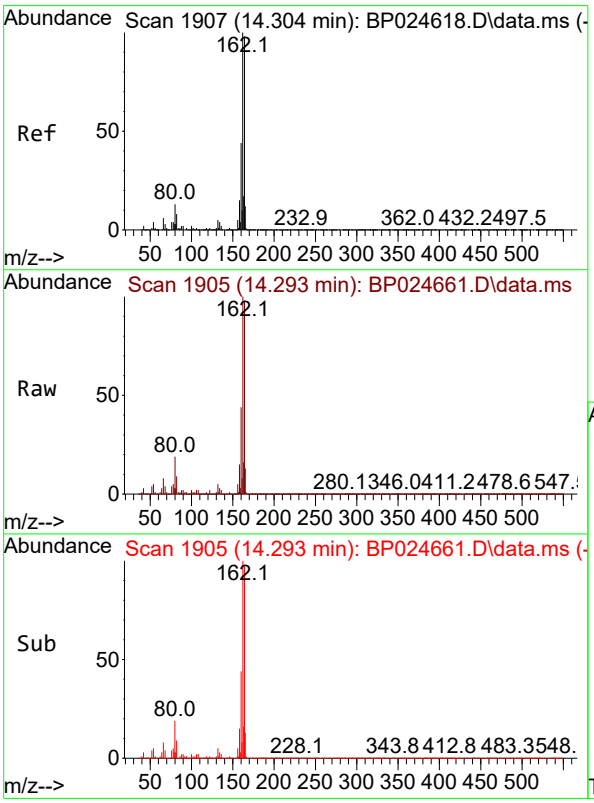
#23
Nitrobenzene-d5
Concen: 91.180 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Tgt Ion: 82 Resp: 963623

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.4
54	46.2	38.7	58.1

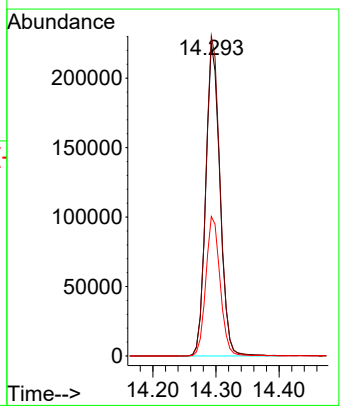


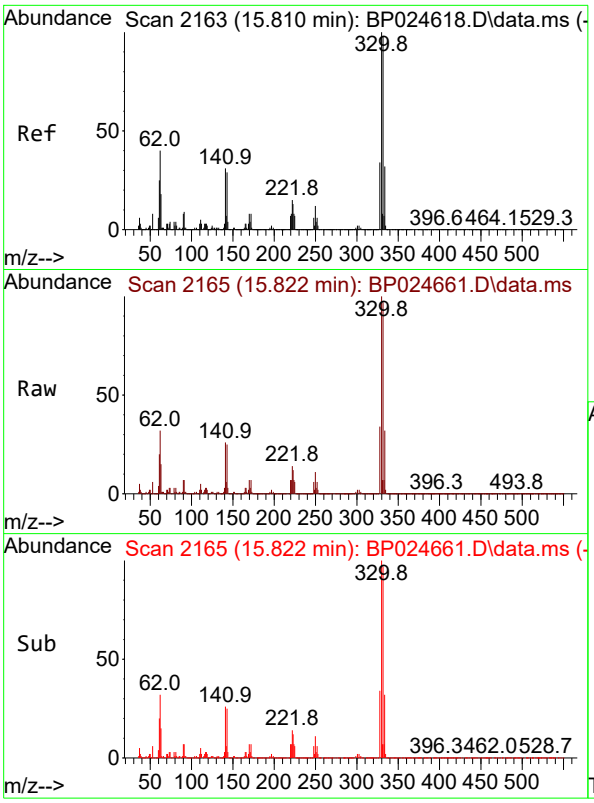


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:164 Resp: 349924

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	44.6	36.3	54.5



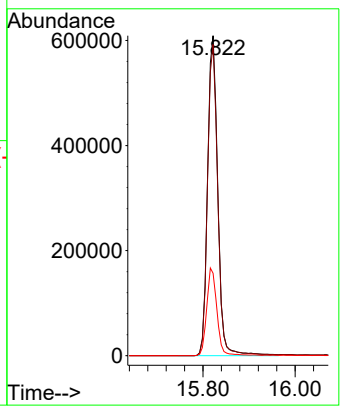


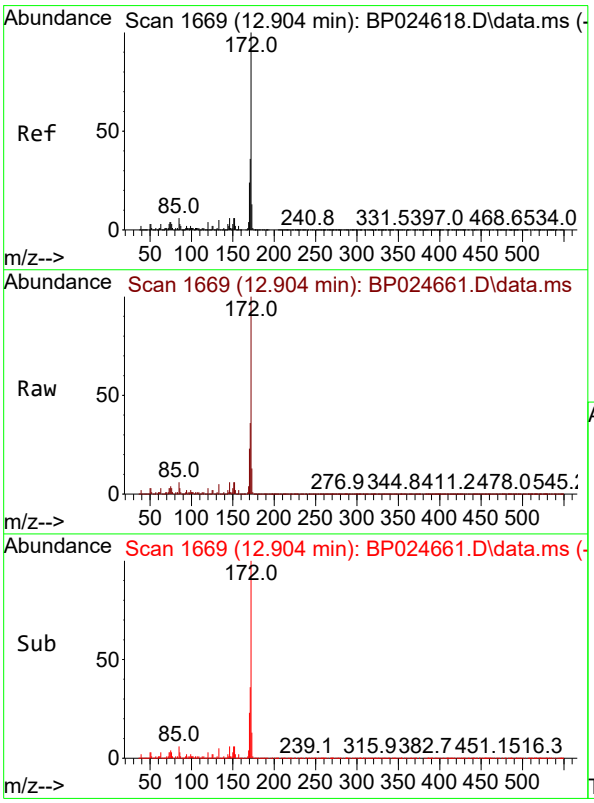
#42
2,4,6-Tribromophenol
Concen: 159.289 ng
RT: 15.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Tgt Ion:330 Resp: 944938

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	27.4	24.3	36.5

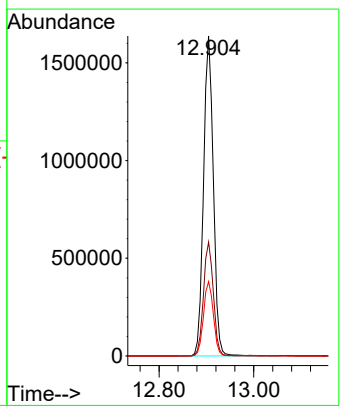


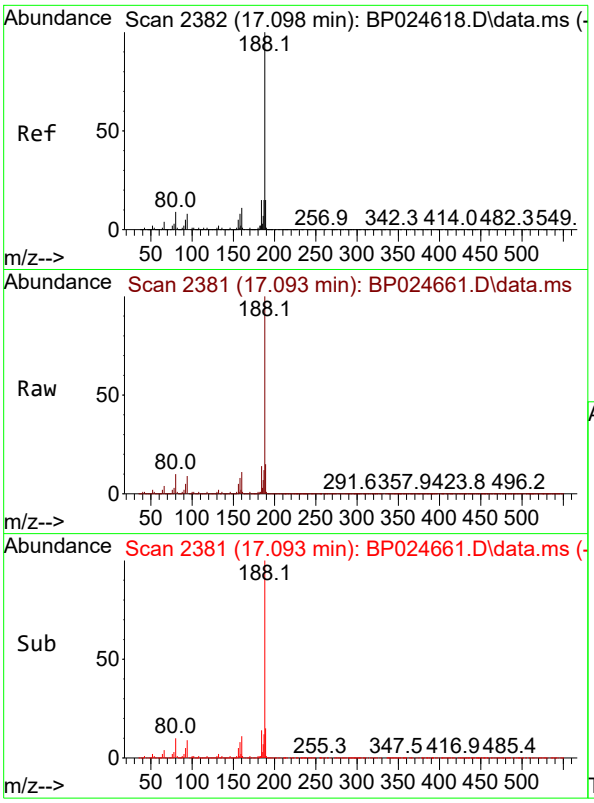


#45
2-Fluorobiphenyl
Concen: 87.874 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:172 Resp: 2347051

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.2	18.8	28.2



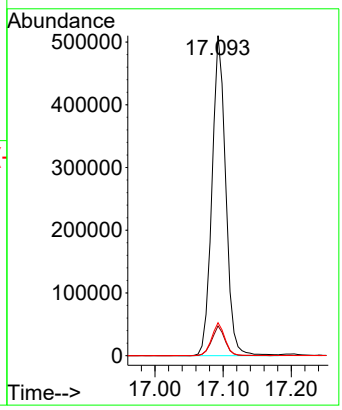


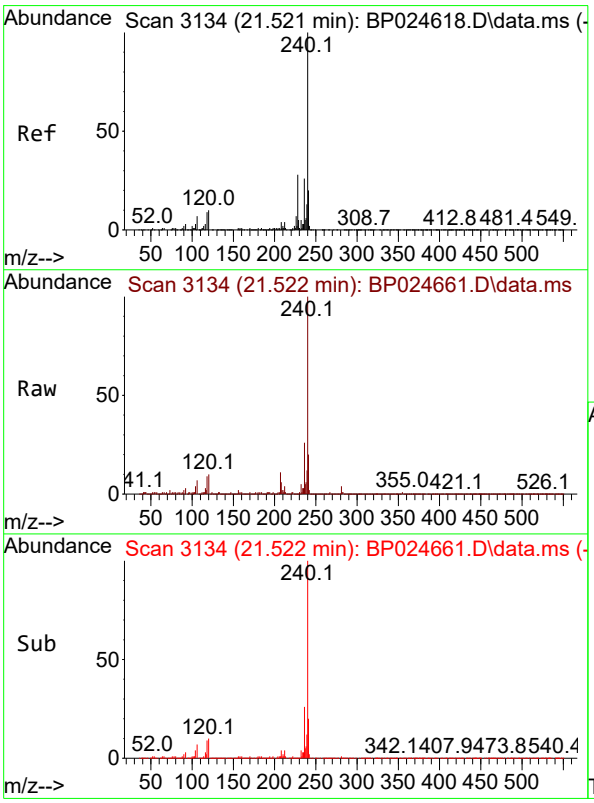
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.093 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Tgt Ion:188 Resp: 715145

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.5	9.7
80	10.3	7.3	10.9

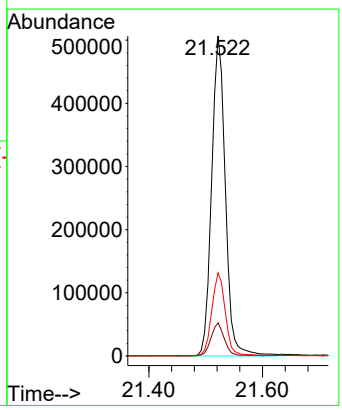


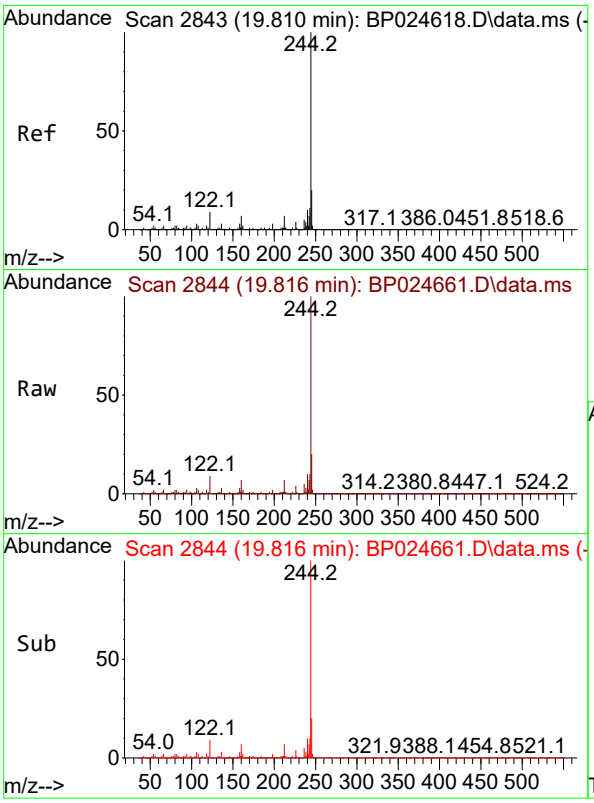


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:240 Resp: 845865

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.8	11.6
236	25.9	20.6	31.0



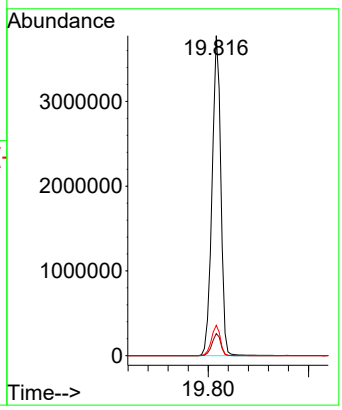


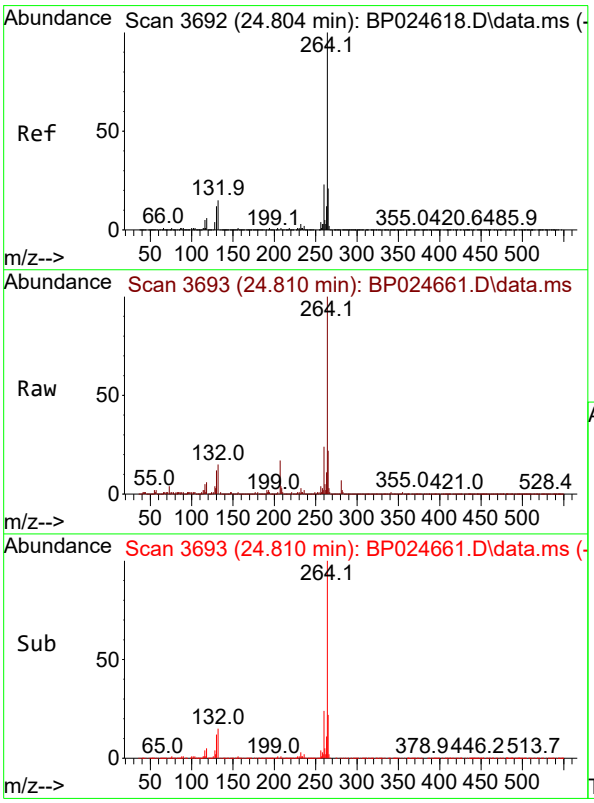
#79
Terphenyl-d14
Concen: 92.579 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Tgt Ion:244 Resp: 4566941

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.5	7.4	11.0

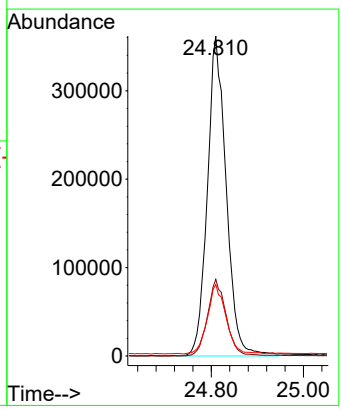




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024661.D
Acq: 16 May 2025 17:39

Tgt Ion:264 Resp: 1027172

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.3	17.0	25.6



Sample Results: **BP024661.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024661.D
Acq On : 16 May 2025 17:39
Operator : RC/JU
Sample : Q1993-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-20250508

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024661.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	290	296	306	rBV	97725	144228	1.19%	0.353%
2	5.311	371	378	394	rBV	1183953	1867210	15.44%	4.564%
3	6.887	640	646	662	rBV	609440	1151167	9.52%	2.814%
4	7.664	770	778	788	rBV	472853	759946	6.28%	1.857%
5	8.811	963	973	989	rBV	1721728	2795348	23.11%	6.832%
6	10.428	1240	1248	1263	rBV	622476	1066384	8.82%	2.606%
7	12.904	1662	1669	1683	rBV	4736483	6814958	56.35%	16.657%
8	14.293	1899	1905	1925	rVB	948190	1511213	12.50%	3.694%
9	15.822	2158	2165	2184	rBV	3851966	6205903	51.31%	15.169%
10	17.093	2375	2381	2395	rBV2	1267597	1790177	14.80%	4.376%
11	19.816	2838	2844	2854	rBV	9994548	12093796	100.00%	29.560%
12	21.522	3128	3134	3141	rBV	1351980	2201800	18.21%	5.382%
13	24.810	3685	3693	3709	rVB	907533	2510467	20.76%	6.136%

Sum of corrected areas: 40912597

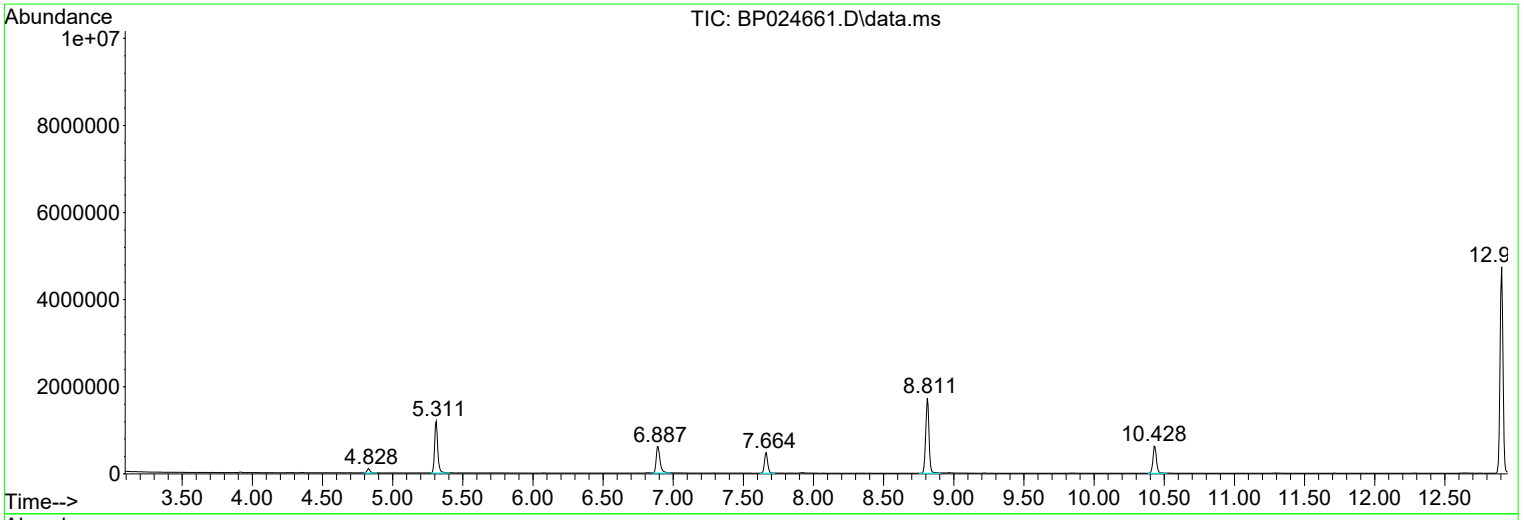
Sample Results: **BP024661.D**

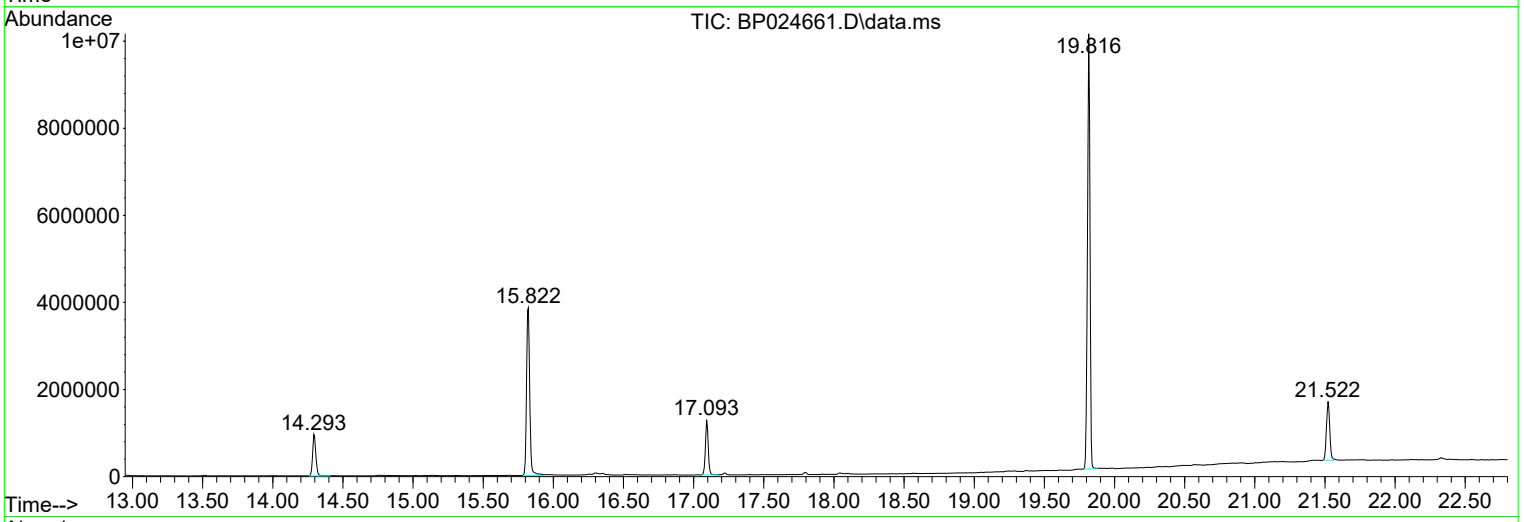
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024661.D
Acq On : 16 May 2025 17:39
Operator : RC/JU
Sample : Q1993-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

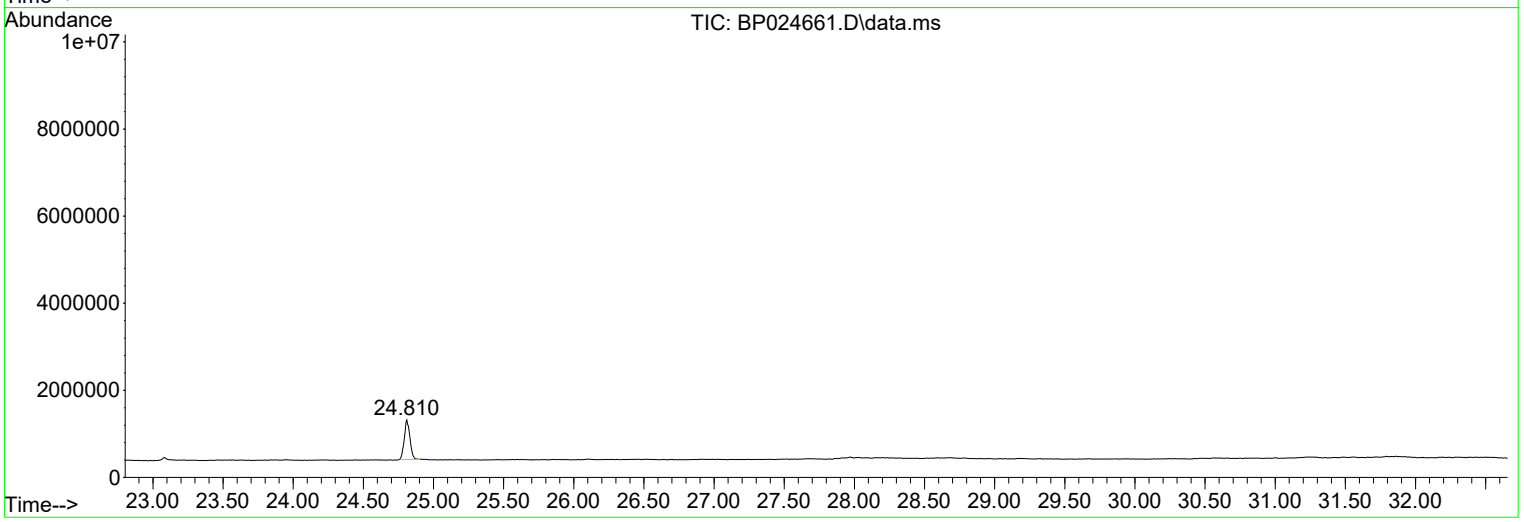
Instrument :
BNA_P
ClientSampleId :
EB-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BP024661.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024661.D
Acq On : 16 May 2025 17:39
Operator : RC/JU
Sample : Q1993-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-20250508

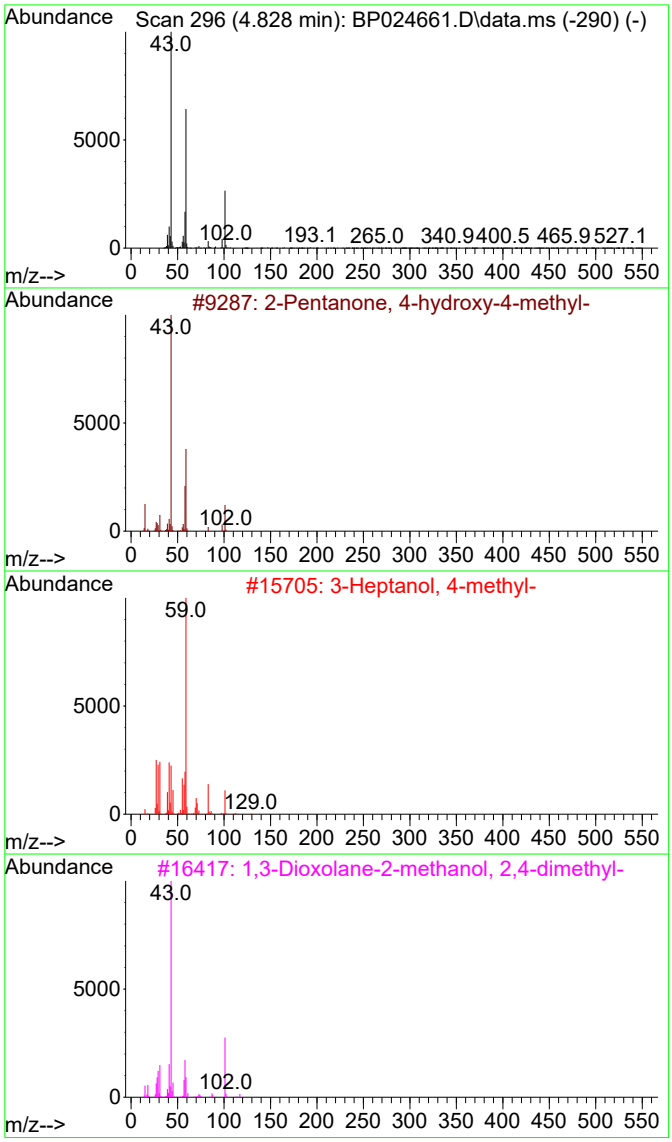
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

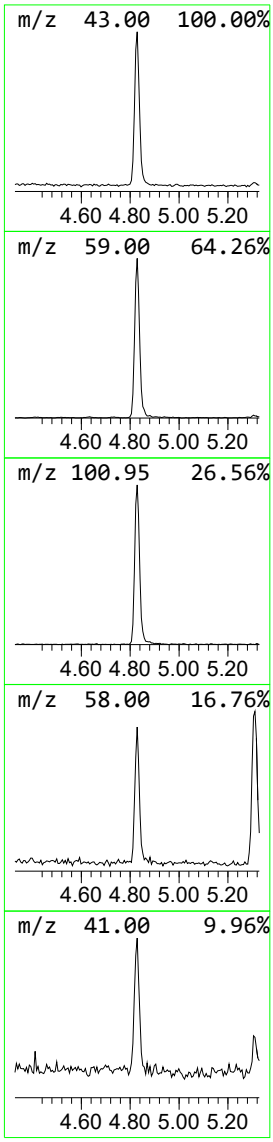
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.828	3.80 ng	144228	1,4-Dichlorobenzene-d4	7.664

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	Tetraglyme	222	C10H22O5	000143-24-8	23
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17





Sample Results: **BP024661.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024661.D
Acq On : 16 May 2025 17:39
Operator : RC/JU
Sample : Q1993-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-20250508

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.828	3.8	ng	144228	1	7.664	759946	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_F Calibration Date(s): 05/05/2025 05/05/2025

Calibration Time(s): 13:54 17:15

LAB FILE ID: RRF2.5 = BF142295.D RRF005 = BF142296.D RRF010 = BF142297.D
RRF020 = BF142298.D RRF040 = BF142299.D RRF050 = BF142300.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.212	1.177	1.211	1.126	1.224	1.172	4.4
Benzaldehyde		1.049	0.959	0.903	0.734	0.752	0.843	17.7
Phenol-d6		1.510	1.458	1.489	1.375	1.500	1.441	4.6
Phenol		1.599	1.528	1.584	1.472	1.580	1.531	4.1
bis(2-Chloroethyl)ether		1.789	1.543	1.510	1.353	1.516	1.506	9.5
2-Chlorophenol		1.202	1.223	1.263	1.221	1.346	1.252	4.0
2-Methylphenol		1.033	1.008	1.022	0.972	1.070	1.014	3.3
2,2-oxybis(1-Chloropropane)		2.379	2.310	2.325	2.135	2.341	2.249	5.5
Acetophenone		0.505	0.474	0.464	0.416	0.446	0.445	9.0
3+4-Methylphenols		1.354	1.281	1.322	1.218	1.333	1.265	6.5
n-Nitroso-di-n-propylamine	0.840	0.943	0.915	0.918	0.860	0.933	0.891	4.7
Nitrobenzene-d5		0.289	0.304	0.336	0.327	0.360	0.328	7.5
Hexachloroethane		0.473	0.464	0.488	0.463	0.511	0.478	3.8
Nitrobenzene		0.281	0.293	0.316	0.306	0.337	0.309	6.0
Isophorone		0.639	0.623	0.630	0.586	0.648	0.621	3.5
2-Nitrophenol		0.089	0.097	0.121	0.132	0.154	0.129	21.5
2,4-Dimethylphenol		0.311	0.314	0.321	0.298	0.329	0.312	3.5
bis(2-Chloroethoxy)methane		0.430	0.414	0.418	0.374	0.408	0.399	6.1
2,4-Dichlorophenol		0.245	0.251	0.278	0.263	0.288	0.265	5.7
Naphthalene		1.102	1.031	1.028	0.906	0.978	0.969	9.5
4-Chloroaniline		0.373	0.373	0.398	0.383	0.435	0.395	5.8
Hexachlorobutadiene		0.188	0.182	0.181	0.168	0.185	0.177	5.3
Caprolactam		0.063	0.068	0.078	0.079	0.088	0.077	11.4
4-Chloro-3-methylphenol		0.281	0.270	0.283	0.265	0.290	0.276	3.7
2-Methylnaphthalene		0.672	0.636	0.635	0.569	0.615	0.602	8.6
Hexachlorocyclopentadiene		0.286	0.303	0.349	0.343	0.388	0.345	11.2
2,4,6-Trichlorophenol		0.306	0.320	0.360	0.351	0.393	0.352	8.5
2-Fluorobiphenyl		1.737	1.605	1.532	1.272	1.337	1.403	16.3
2,4,5-Trichlorophenol		0.339	0.353	0.390	0.363	0.413	0.375	7.0
1,1-Biphenyl		1.727	1.641	1.637	1.411	1.567	1.533	9.8
2-Chloronaphthalene		1.256	1.198	1.193	1.058	1.155	1.140	7.4
2-Nitroaniline		0.205	0.240	0.292	0.298	0.344	0.292	17.9
Dimethylphthalate		1.338	1.295	1.344	1.210	1.342	1.284	5.0
Acenaphthylene		2.083	2.025	2.009	1.783	1.958	1.908	7.9

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_F Calibration Date(s): 05/05/2025 05/05/2025

Calibration Time(s): 13:54 17:15

LAB FILE ID: RRF2.5 = BF142295.D RRF005 = BF142296.D RRF010 = BF142297.D
RRF020 = BF142298.D RRF040 = BF142299.D RRF050 = BF142300.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.172	0.206	0.242	0.245	0.280	0.240	16.2
3-Nitroaniline		0.206	0.238	0.288	0.286	0.329	0.282	15.8
Acenaphthene		1.260	1.191	1.200	1.066	1.180	1.147	7.3
2,4-Dinitrophenol			0.062	0.083	0.097	0.120	0.102	25.4
4-Nitrophenol		0.159	0.178	0.210	0.214	0.253	0.212	15.8
Dibenzofuran		1.932	1.790	1.801	1.555	1.711	1.693	9.7
2,4-Dinitrotoluene		0.222	0.250	0.303	0.318	0.368	0.308	17.6
Diethylphthalate		1.344	1.325	1.355	1.207	1.344	1.283	6.3
4-Chlorophenyl-phenylether		0.699	0.666	0.658	0.577	0.638	0.623	9.3
Fluorene		1.521	1.407	1.374	1.195	1.283	1.292	11.8
4-Nitroaniline		0.207	0.230	0.248	0.225	0.240	0.223	8.2
4,6-Dinitro-2-methylphenol			0.052	0.068	0.081	0.094	0.082	23.5
n-Nitrosodiphenylamine		0.704	0.683	0.693	0.629	0.686	0.666	5.3
2,4,6-Tribromophenol		0.161	0.176	0.198	0.191	0.218	0.193	10.2
4-Bromophenyl-phenylether		0.230	0.227	0.232	0.216	0.238	0.227	3.4
Hexachlorobenzene		0.264	0.246	0.253	0.237	0.258	0.249	3.8
Atrazine		0.157	0.165	0.176	0.174	0.196	0.175	7.2
Pentachlorophenol		0.094	0.109	0.130	0.139	0.153	0.131	16.7
Phenanthrene		1.193	1.102	1.105	0.988	1.058	1.048	9.1
Anthracene		1.210	1.136	1.134	1.018	1.093	1.077	8.8
Carbazole		1.065	1.016	1.024	0.926	0.986	0.966	8.2
Di-n-butylphthalate		0.957	1.022	1.082	1.013	1.093	1.016	5.9
Fluoranthene		1.198	1.154	1.128	0.985	1.051	1.048	11.5
Pyrene		1.822	1.748	1.902	1.705	1.912	1.780	7.0
Terphenyl-d14		1.493	1.424	1.460	1.255	1.390	1.351	9.6
Butylbenzylphthalate		0.282	0.330	0.439	0.469	0.545	0.449	23.7
3,3-Dichlorobenzidine		0.250	0.279	0.316	0.296	0.327	0.301	9.4
Benzo(a)anthracene		1.370	1.299	1.317	1.238	1.354	1.295	4.8
Chrysene		1.294	1.227	1.247	1.104	1.238	1.206	5.6
Bis(2-ethylhexyl)phthalate		0.328	0.417	0.557	0.601	0.699	0.573	26.4
Di-n-octyl phthalate			0.586	0.856	1.029	1.242	1.057	27.8
Benzo(b)fluoranthene		1.312	1.216	1.227	1.163	1.263	1.211	5.1
Benzo(k)fluoranthene		1.158	1.142	1.164	1.040	1.172	1.109	6.9
Benzo(a)pyrene		1.034	1.042	1.102	1.066	1.183	1.085	4.9
Indeno(1,2,3-cd)pyrene		1.152	1.281	1.421	1.384	1.596	1.391	10.4

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_F Calibration Date(s): 05/05/2025 05/05/2025

Calibration Time(s): 13:54 17:15

LAB FILE ID: RRF2.5 = BF142295.D RRF005 = BF142296.D RRF010 = BF142297.D
RRF020 = BF142298.D RRF040 = BF142299.D RRF050 = BF142300.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.987	1.066	1.194	1.137	1.308	1.149	9.2
Benzo(g,h,i)perylene		0.971	1.056	1.175	1.120	1.295	1.141	9.4
1,2,4,5-Tetrachlorobenzene		0.600	0.586	0.586	0.515	0.574	0.559	6.5
1,4-Dioxane		0.553	0.527	0.535	0.503	0.543	0.528	3.4
2,3,4,6-Tetrachlorophenol		0.266	0.288	0.320	0.305	0.344	0.309	8.4

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142295.D 5 =BF142296.D 10 =BF142297.D 20 =BF142298.D 40 =BF142299.D 50 =BF142300.D 60 =BF142301.D 80 =BF1423
02.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.553	0.527	0.535	0.503	0.543	0.521	0.511	0.528	3.36
3)		Pyridine		1.159	1.233	1.210	1.176	1.311	1.312	1.270	1.239	4.99
4)		n-Nitrosodimet...		0.718	0.707	0.729	0.696	0.759	0.726	0.705	0.720	2.88
5)	S	2-Fluorophenol		1.212	1.177	1.211	1.126	1.224	1.165	1.086	1.172	4.35
6)		Aniline		0.955	1.370	1.568	1.467	1.543	1.519	1.472	1.413	15.03
7)	S	Phenol-d6		1.510	1.458	1.489	1.375	1.500	1.419	1.336	1.441	4.64
8)		2-Chlorophenol		1.202	1.223	1.263	1.221	1.346	1.283	1.225	1.252	4.00
9)		Benzaldehyde		1.049	0.959	0.903	0.734	0.752	0.663		0.843	17.74
10)	C	Phenol		1.599	1.528	1.584	1.472	1.580	1.524	1.405	1.527	4.55
11)		bis(2-Chloroet...		1.789	1.543	1.510	1.353	1.516	1.441	1.392	1.506	9.49
12)		1,3-Dichlorobe...		1.555	1.505	1.466	1.347	1.477	1.379	1.298	1.432	6.48
13)	C	1,4-Dichlorobe...		1.562	1.499	1.486	1.364	1.476	1.386	1.294	1.438	6.46
14)		1,2-Dichlorobe...		1.480	1.432	1.415	1.317	1.424	1.340	1.254	1.380	5.71
15)		Benzyl Alcohol		0.816	0.843	0.933	0.928	1.030	1.008	0.972	0.933	8.56
16)		2,2'-oxybis(1-...		2.379	2.310	2.325	2.135	2.341	2.211	2.044	2.249	5.48
17)		2-Methylphenol		1.033	1.008	1.022	0.972	1.070	1.013	0.978	1.014	3.30
18)		Hexachloroethane		0.473	0.464	0.488	0.463	0.511	0.487	0.463	0.478	3.78
19)	P	n-Nitroso-di-n...	0.840	0.943	0.915	0.918	0.860	0.933	0.885	0.837	0.891	4.69
20)		3+4-Methylphenols		1.354	1.281	1.322	1.218	1.333	1.226	1.121	1.265	6.48
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.505	0.474	0.464	0.416	0.446	0.419	0.389	0.445	8.95
23)	S	Nitrobenzene-d5		0.289	0.304	0.336	0.327	0.360	0.348	0.332	0.328	7.48
24)		Nitrobenzene		0.281	0.293	0.316	0.306	0.337	0.325	0.305	0.309	6.05
25)		Isophorone		0.639	0.623	0.630	0.586	0.648	0.622	0.598	0.621	3.53
26)	C	2-Nitrophenol		0.089	0.097	0.121	0.132	0.154	0.155	0.155	0.129	21.55
27)		2,4-Dimethylph...		0.311	0.314	0.321	0.298	0.329	0.314	0.299	0.312	3.55
28)		bis(2-Chloroet...		0.430	0.414	0.418	0.374	0.408	0.386	0.366	0.399	6.09
29)	C	2,4-Dichloroph...		0.245	0.251	0.278	0.263	0.288	0.274	0.260	0.265	5.71
30)		1,2,4-Trichlor...		0.329	0.309	0.309	0.281	0.304	0.289	0.271	0.299	6.60
31)		Naphthalene		1.102	1.031	1.028	0.906	0.978	0.906	0.835	0.969	9.52
32)		Benzoic acid			0.084	0.117	0.140	0.178	0.186	0.194	0.150	29.22
33)		4-Chloroaniline		0.373	0.373	0.398	0.383	0.435	0.415	0.392	0.396	5.80
34)	C	Hexachlorobuta...		0.188	0.182	0.181	0.168	0.185	0.173	0.162	0.177	5.32
35)		Caprolactam		0.063	0.068	0.078	0.079	0.088	0.083	0.082	0.077	11.39
36)	C	4-Chloro-3-met...		0.281	0.270	0.283	0.265	0.290	0.279	0.262	0.276	3.68
37)		2-Methylnaphth...		0.672	0.636	0.635	0.569	0.615	0.568	0.521	0.602	8.60
38)		1-Methylnaphth...		0.710	0.675	0.665	0.594	0.630	0.587	0.535	0.628	9.59

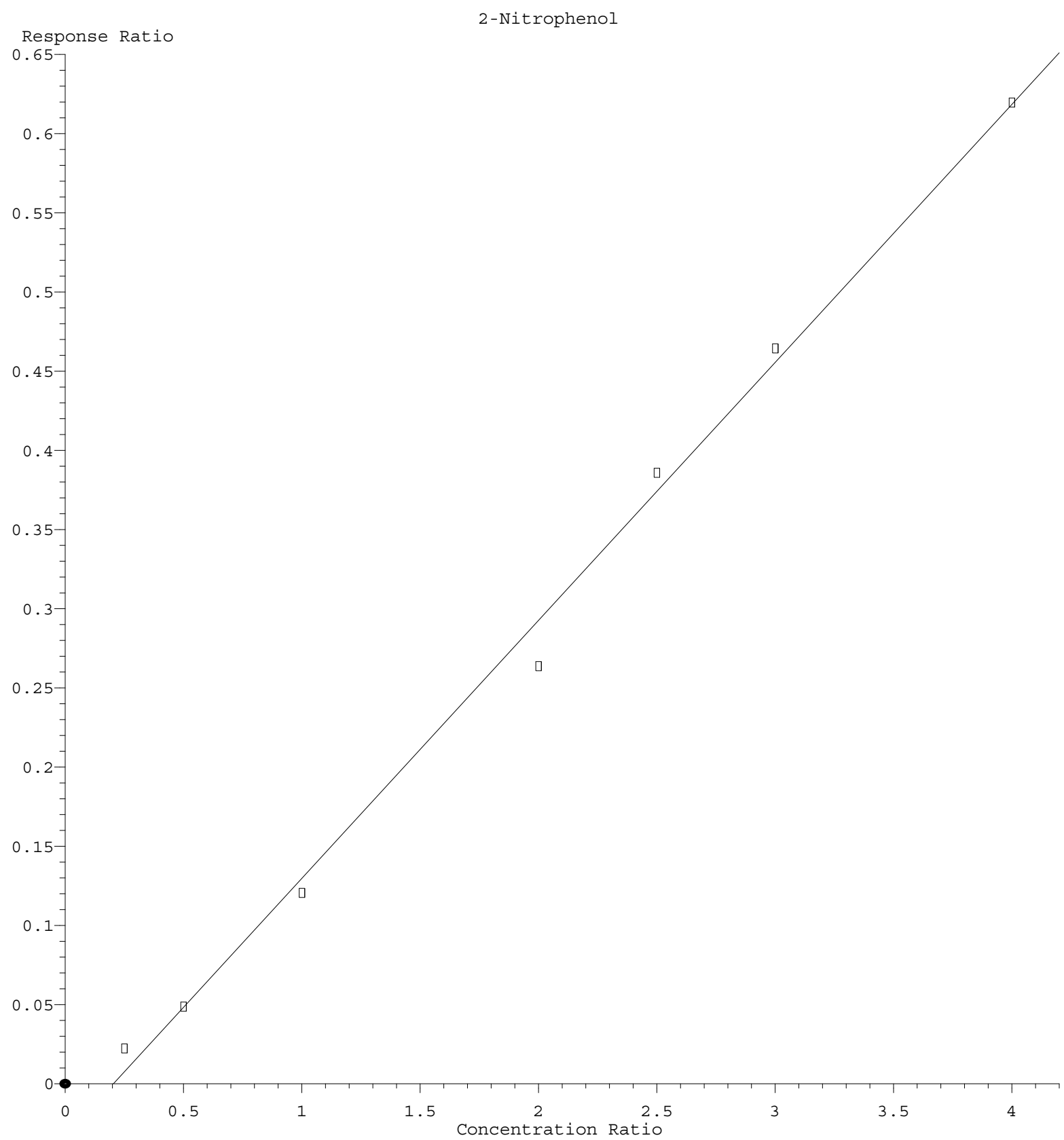
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.600	0.586	0.586	0.515	0.574	0.538	0.512	0.559	6.51
41)	P	Hexachlorocycl...	0.286	0.303	0.349	0.343	0.388	0.379	0.369	0.345	11.16
42)	S	2,4,6-Tribromo...	0.161	0.176	0.198	0.191	0.218	0.210	0.197	0.193	10.16
43)	C	2,4,6-Trichlor...	0.306	0.320	0.360	0.351	0.393	0.371	0.365	0.352	8.53
44)		2,4,5-Trichlor...	0.339	0.353	0.390	0.363	0.413	0.397	0.369	0.375	7.00
45)	S	2-Fluorobiphenyl	1.737	1.605	1.532	1.272	1.337	1.246	1.090	1.403	16.29
46)		1,1'-Biphenyl	1.727	1.641	1.637	1.411	1.567	1.442	1.310	1.533	9.75
47)		2-Chloronaphth...	1.256	1.198	1.193	1.058	1.155	1.106	1.018	1.140	7.40
48)		2-Nitroaniline	0.205	0.240	0.292	0.298	0.344	0.337	0.330	0.292	17.90
49)		Acenaphthylene	2.083	2.025	2.009	1.783	1.958	1.830	1.665	1.908	7.94
50)		Dimethylphthalate	1.338	1.295	1.344	1.210	1.342	1.275	1.186	1.284	5.04
51)		2,6-Dinitrotol...	0.172	0.206	0.242	0.245	0.280	0.273	0.263	0.240	16.19
52)	C	Acenaphthene	1.260	1.191	1.200	1.066	1.180	1.111	1.021	1.147	7.32
53)		3-Nitroaniline	0.206	0.238	0.288	0.286	0.329	0.319	0.307	0.282	15.80
54)	P	2,4-Dinitrophenol		0.062	0.083	0.097	0.120	0.124	0.127	0.102	25.44
55)		Dibenzofuran	1.932	1.790	1.801	1.555	1.711	1.609	1.453	1.693	9.72
56)	P	4-Nitrophenol	0.159	0.178	0.210	0.214	0.253	0.240	0.231	0.212	15.82
57)		2,4-Dinitrotol...	0.222	0.250	0.303	0.318	0.368	0.355	0.341	0.308	17.63
58)		Fluorene	1.521	1.407	1.374	1.195	1.283	1.183	1.080	1.292	11.77
59)		2,3,4,6-Tetrac...	0.266	0.288	0.320	0.305	0.344	0.329	0.314	0.309	8.38
60)		Diethylphthalate	1.344	1.325	1.355	1.207	1.344	1.252	1.151	1.283	6.27
61)		4-Chlorophenyl...	0.699	0.666	0.658	0.577	0.638	0.590	0.535	0.623	9.26
62)		4-Nitroaniline	0.207	0.230	0.248	0.225	0.240	0.219	0.195	0.223	8.23
63)		Azobenzene	1.338	1.271	1.285	1.132	1.270	1.185	1.098	1.226	7.23
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.052	0.068	0.081	0.094	0.098	0.101	0.082	23.49
66)	c	n-Nitrosodiphe...	0.704	0.683	0.693	0.629	0.686	0.654	0.610	0.666	5.28
67)		4-Bromophenyl-...	0.230	0.227	0.232	0.216	0.238	0.227	0.217	0.227	3.44
68)		Hexachlorobenzene	0.264	0.246	0.253	0.237	0.258	0.248	0.240	0.249	3.84
69)		Atrazine	0.157	0.165	0.176	0.174	0.196	0.185	0.175	0.175	7.17
70)	C	Pentachlorophenol	0.094	0.109	0.130	0.139	0.153	0.150	0.144	0.131	16.65
71)		Phenanthrene	1.193	1.102	1.105	0.988	1.058	0.987	0.906	1.048	9.14
72)		Anthracene	1.210	1.136	1.134	1.018	1.093	1.023	0.927	1.077	8.77
73)		Carbazole	1.065	1.016	1.024	0.926	0.986	0.911	0.837	0.966	8.17
74)		Di-n-butylphth...	0.957	1.022	1.082	1.013	1.093	1.019	0.928	1.016	5.91
75)	C	Fluoranthene	1.198	1.154	1.128	0.985	1.051	0.956	0.863	1.048	11.46
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.272	0.384	0.358	0.426	0.403	0.337	0.363	15.09
78)		Pyrene	1.822	1.748	1.902	1.705	1.912	1.817	1.555	1.780	6.99
79)	S	Terphenyl-d14	1.493	1.424	1.460	1.255	1.390	1.314	1.123	1.351	9.61
80)		Butylbenzylpht...	0.282	0.330	0.439	0.469	0.545	0.549	0.527	0.449	23.70
81)		Benzo(a)anthra...	1.370	1.299	1.317	1.238	1.354	1.296	1.192	1.295	4.84
82)		3,3'-Dichlorob...	0.250	0.279	0.316	0.296	0.327	0.323	0.317	0.301	9.40
83)		Chrysene	1.294	1.227	1.247	1.104	1.238	1.203	1.128	1.206	5.59
84)		Bis(2-ethylhex...	0.328	0.417	0.557	0.601	0.699	0.716	0.697	0.573	26.35
85)	c	Di-n-octyl pht...		0.586	0.856	1.029	1.242	1.315	1.317	1.057	27.77

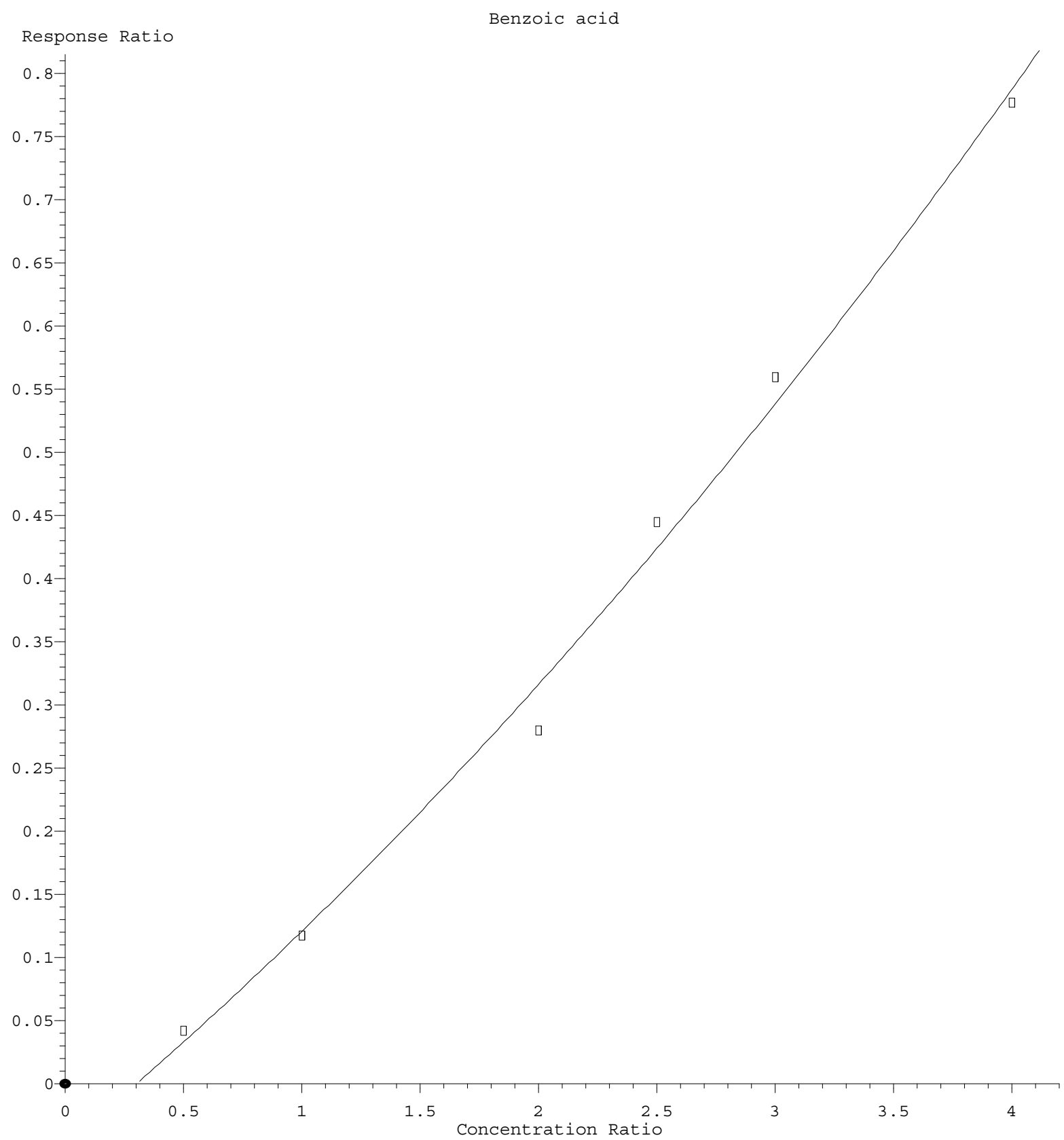
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF050525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.152	1.281	1.421	1.384	1.596	1.504	1.402	1.391	10.38
88)		Benzo(b)fluora...	1.312	1.216	1.227	1.163	1.263	1.142	1.156	1.211	5.14
89)		Benzo(k)fluora...	1.158	1.142	1.164	1.040	1.172	1.114	0.969	1.109	6.88
90)	C	Benzo(a)pyrene	1.034	1.042	1.102	1.066	1.183	1.119	1.054	1.085	4.88
91)		Dibenzo(a,h)an...	0.987	1.066	1.194	1.137	1.308	1.224	1.129	1.149	9.17
92)		Benzo(g,h,i)pe...	0.971	1.056	1.175	1.120	1.295	1.225	1.143	1.141	9.37

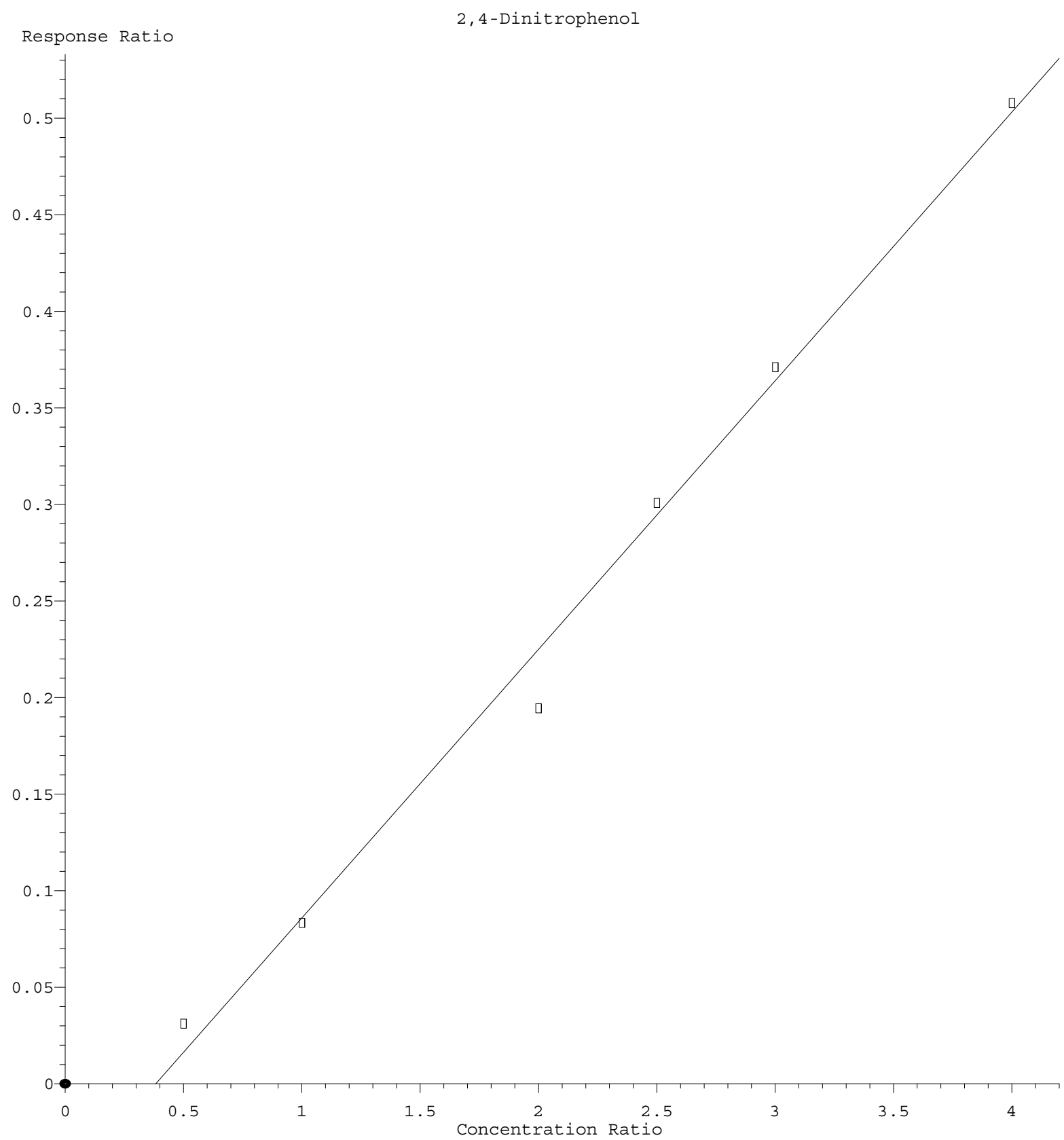
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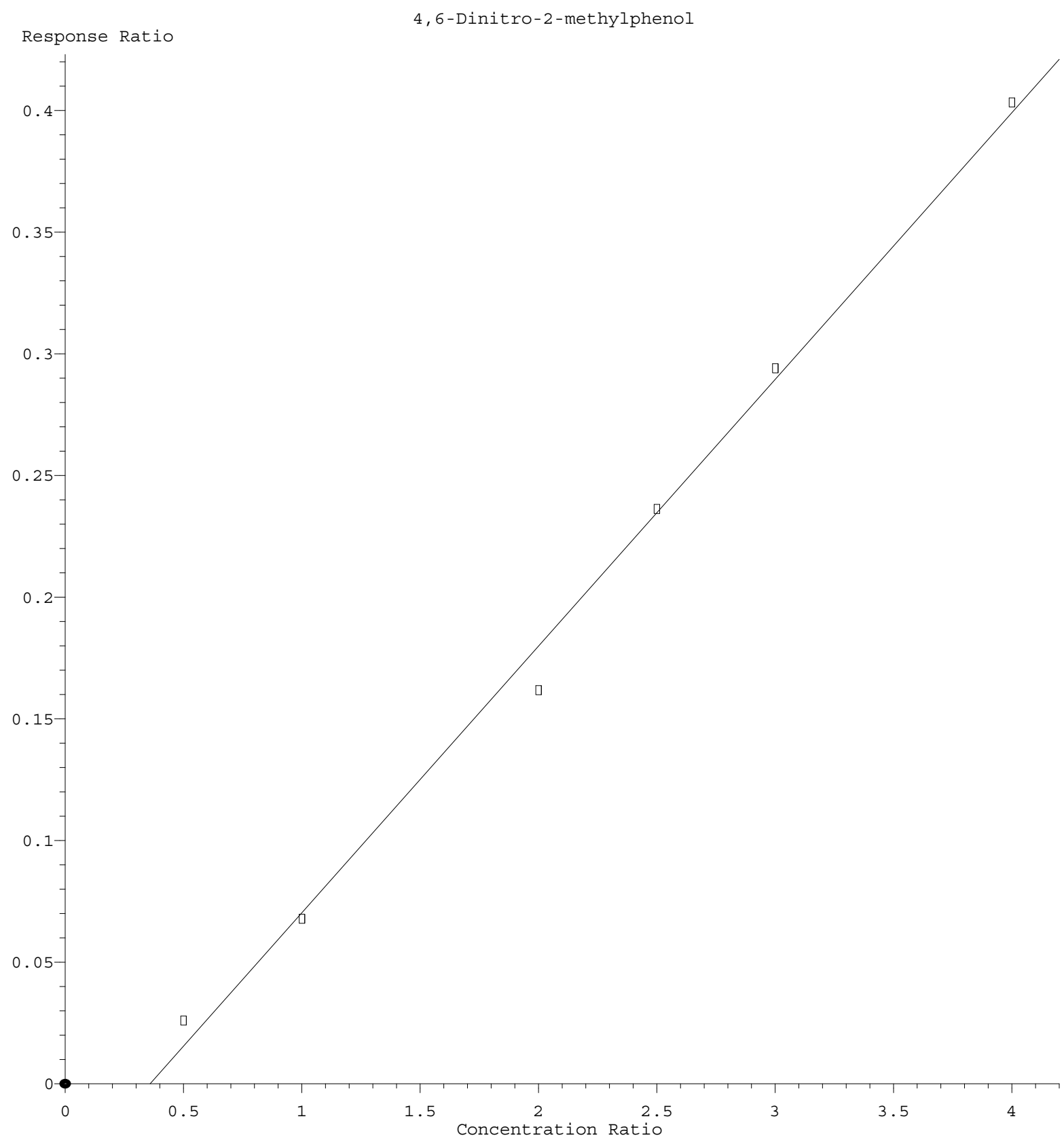
Response = 1.629e-001 * Amt - 3.329e-002
Coef of Det (r^2) = 0.995567 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



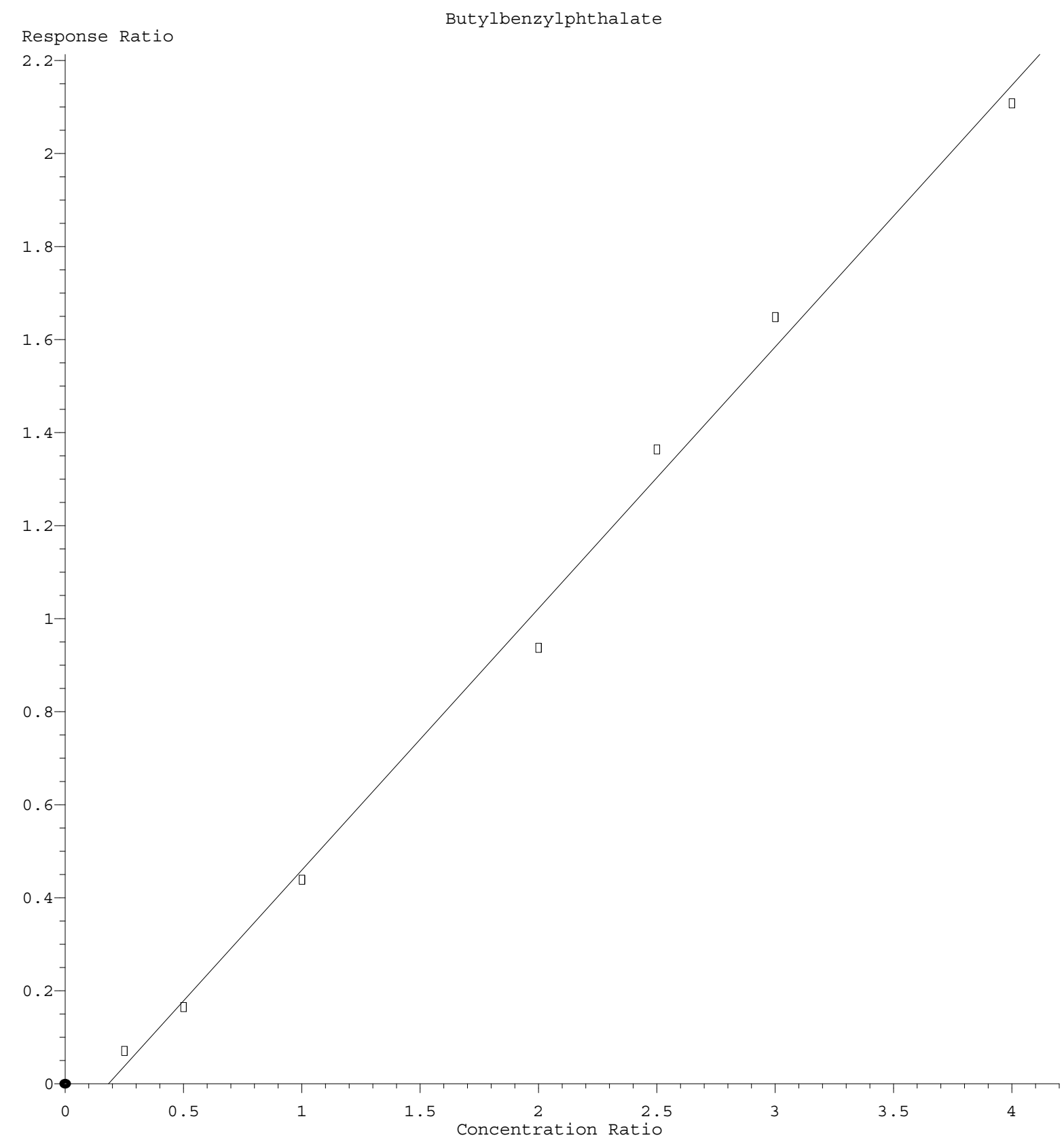
R = 1.340e-002 A*A + 1.552e-001 A - 4.790e-002
Coef of Det (r^2) = 0.993773 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



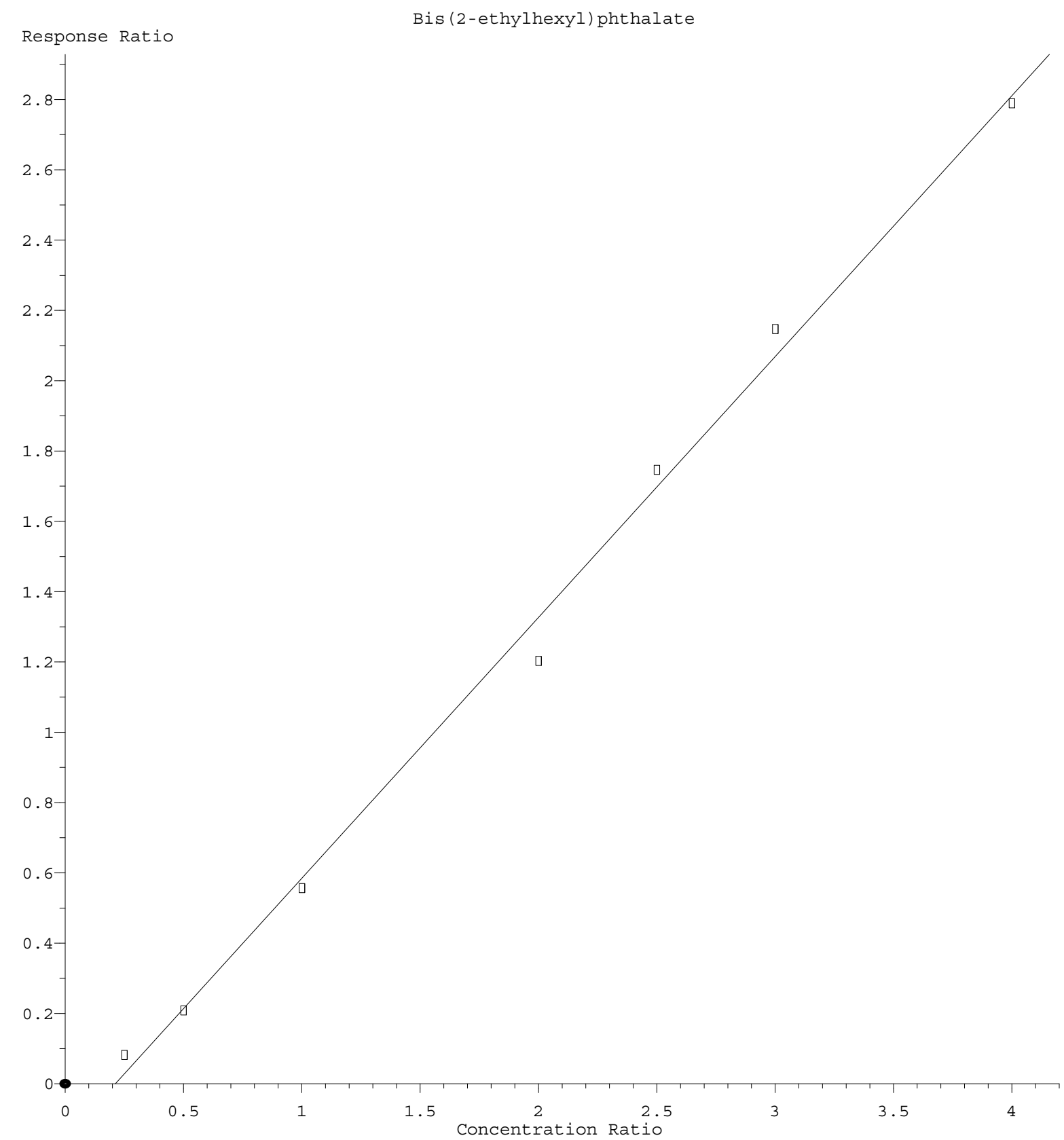
Response = 1.391e-001 * Amt - 5.328e-002
Coef of Det (r^2) = 0.992198 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



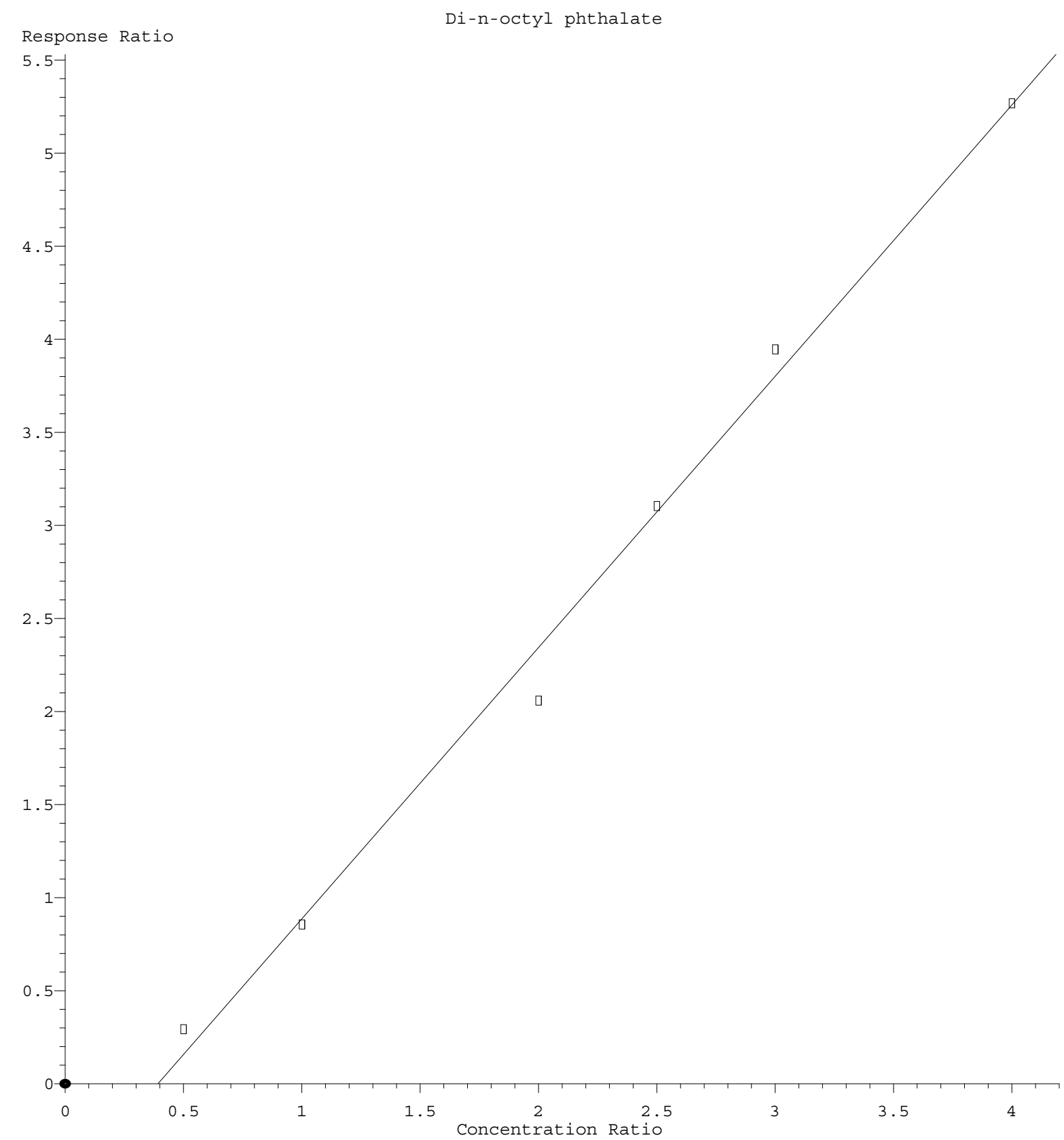
Response = 1.096e-001 * Amt - 3.939e-002
Coef of Det (r^2) = 0.995176 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



Response = 5.624e-001 * Amt - 1.029e-001
Coef of Det (r^2) = 0.995038 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



Response = 7.421e-001 * Amt - 1.572e-001
Coef of Det (r^2) = 0.995584 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025



Response = 1.458e+000 * Amt - 5.715e-001
Coef of Det (r^2) = 0.993132 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF050525.M
Calibration Table Last Updated: Mon May 05 18:41:44 2025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142295.D
Acq On : 05 May 2025 13:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 05 17:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	220458	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	851705	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	461090	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	826586	20.000	ng	0.00
76) Chrysene-d12	14.069	240	600134	20.000	ng	0.00
86) Perylene-d12	15.557	264	417952	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						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	23149	2.356	ng	93

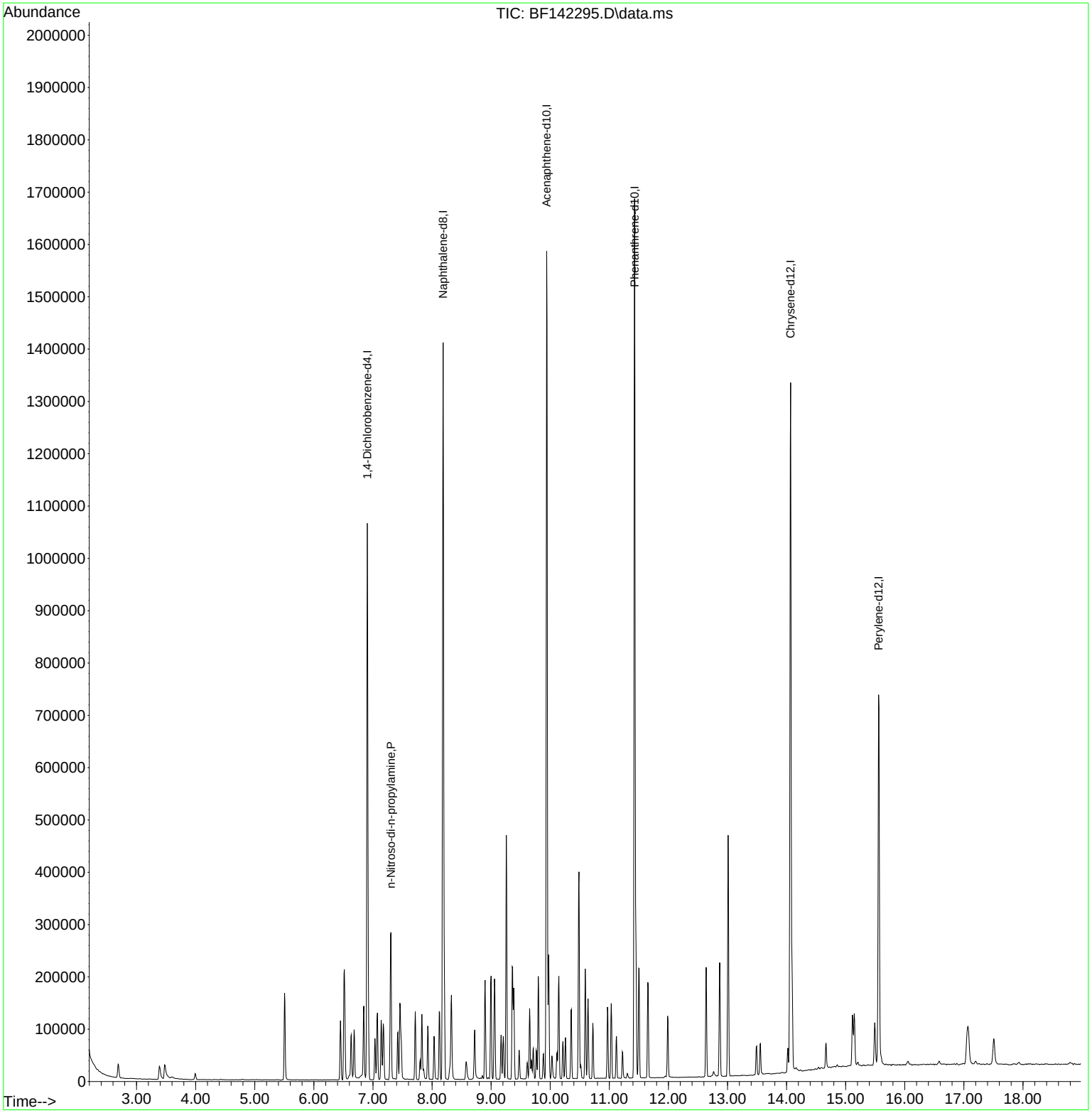
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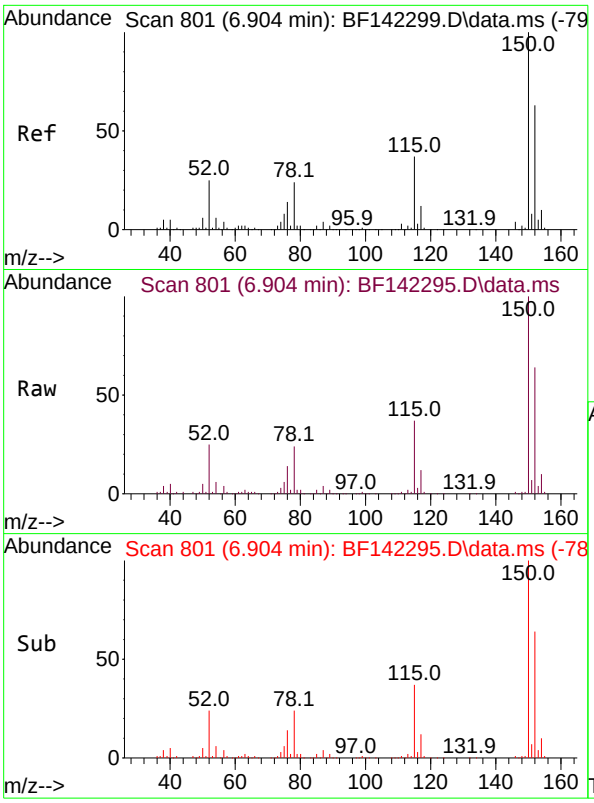
ICAL Form

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Data File : BF142295.D
Acq On : 05 May 2025 13:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 05 17:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration



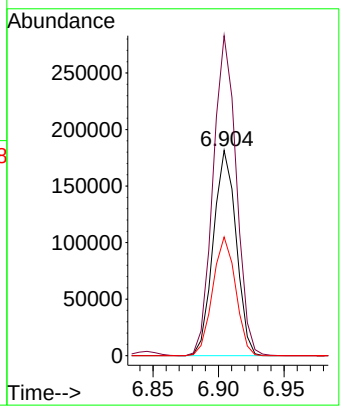


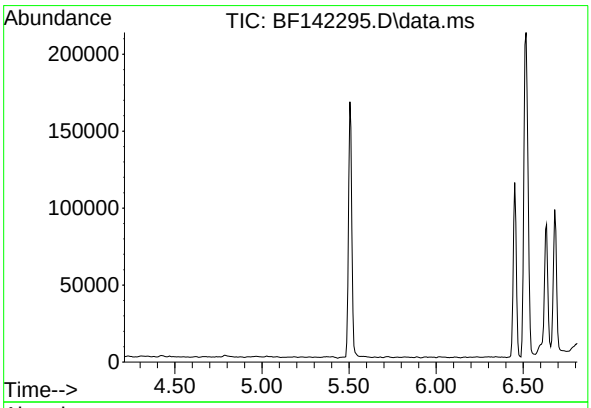
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 220458

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	190.0
115	57.9	47.3	70.9



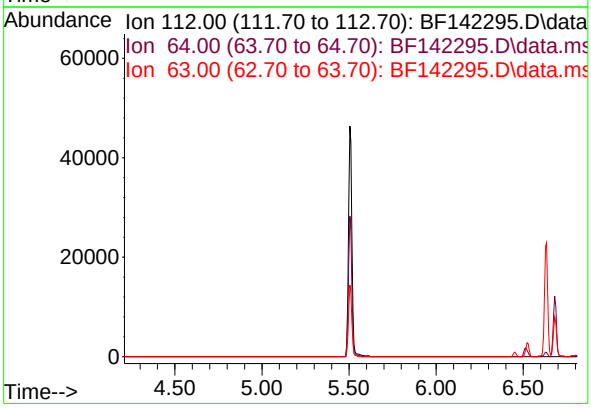


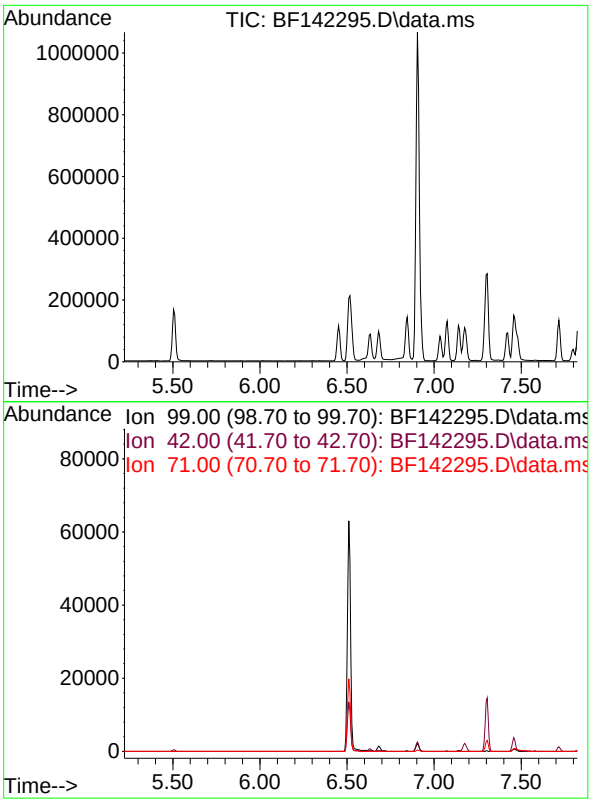
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.51 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	61.1
63	32.0





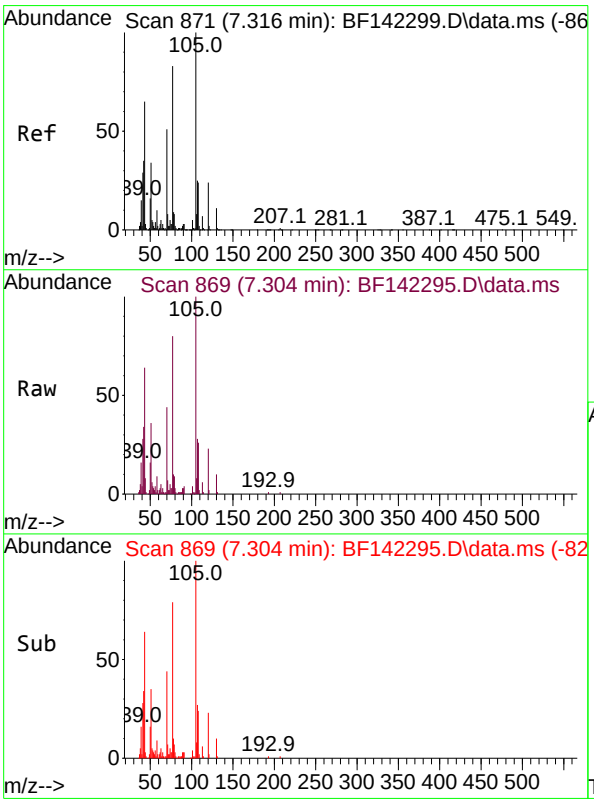
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

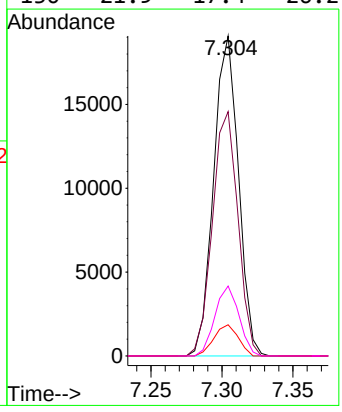
Sig	Exp Ratio
99	100
42	21.2
71	32.3

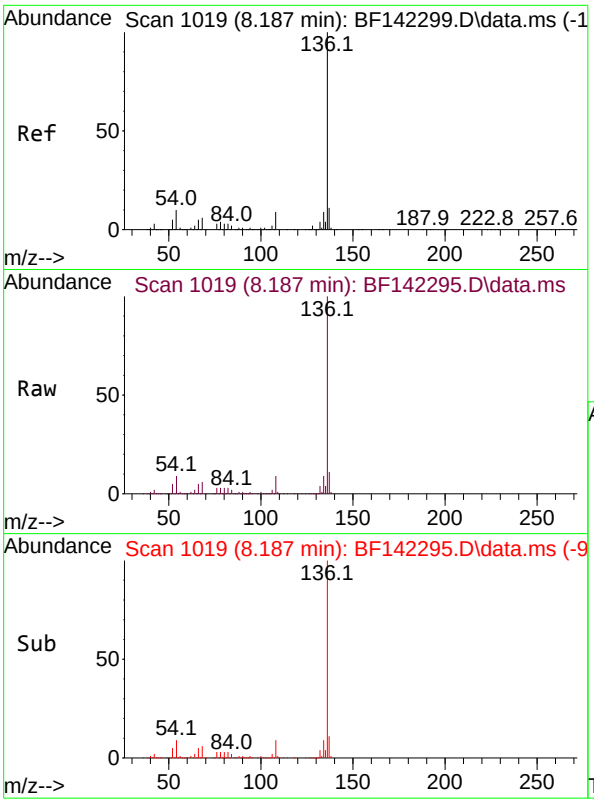


#19
n-Nitroso-di-n-propylamine
Concen: 2.356 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 70 Resp: 23149

Ion	Ratio	Lower	Upper
70	100		
42	76.4	54.8	82.2
101	9.7	7.7	11.5
130	21.9	17.4	26.2



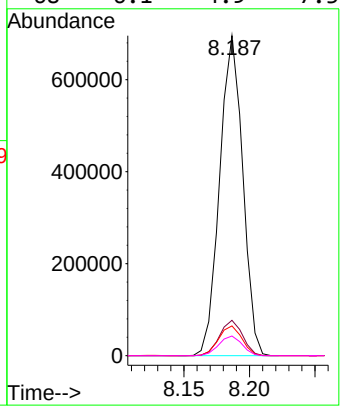


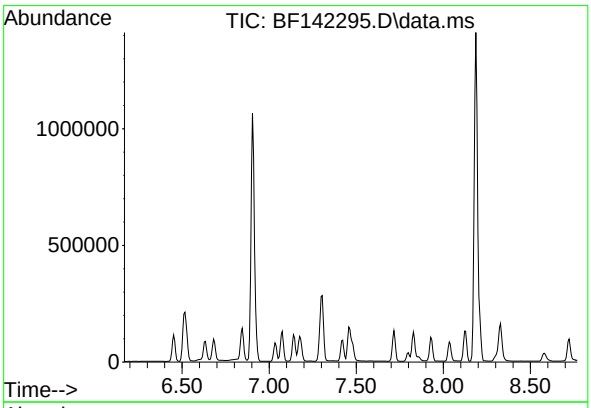
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 851705

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	7.7	11.5
68	6.1	4.9	7.3



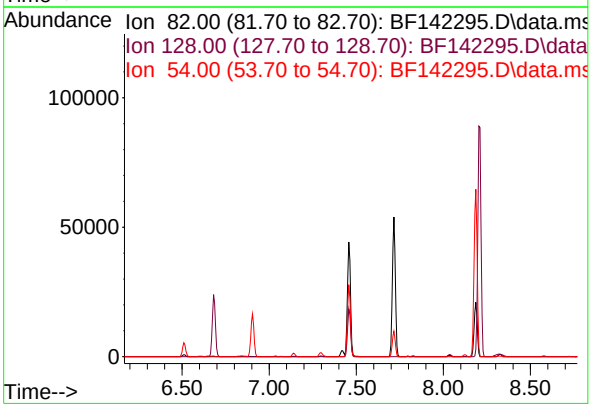


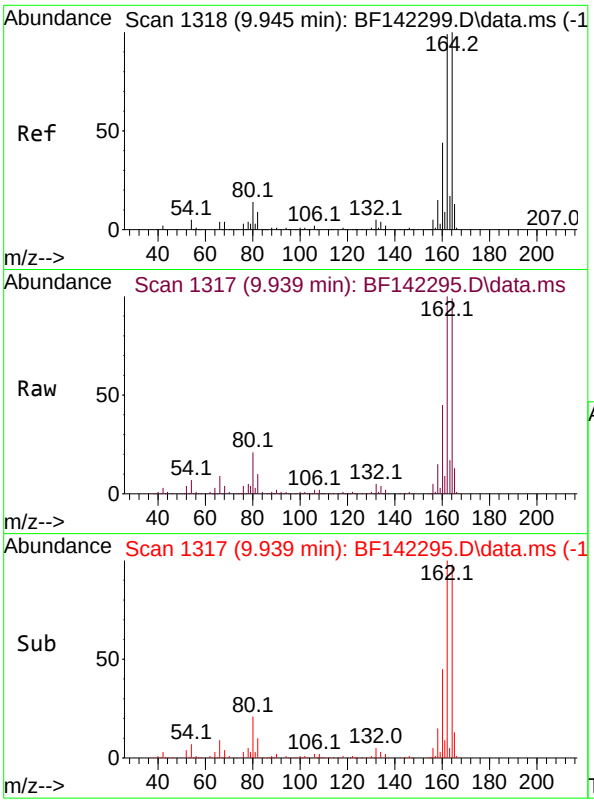
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.3
54	60.8



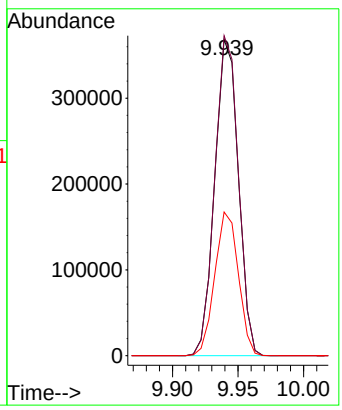


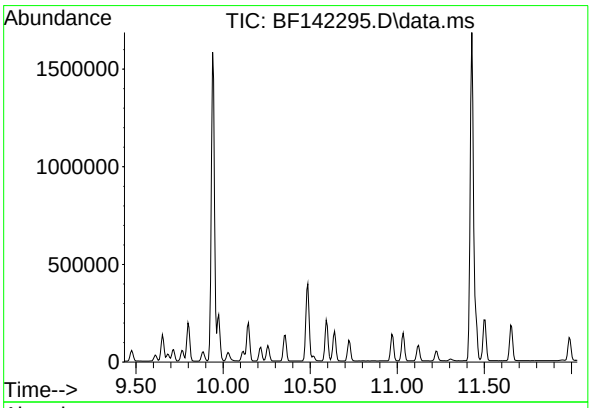
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 461090

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.2	118.8
160	45.4	35.3	52.9



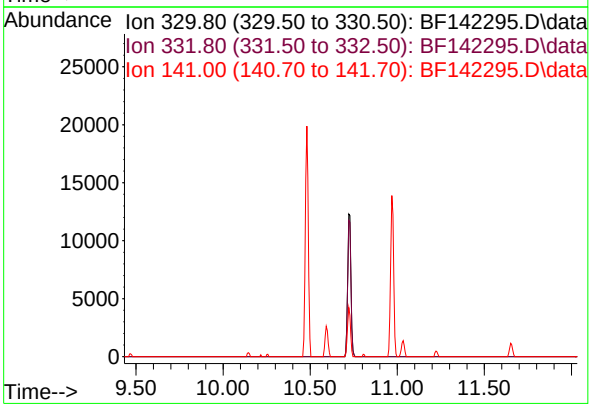


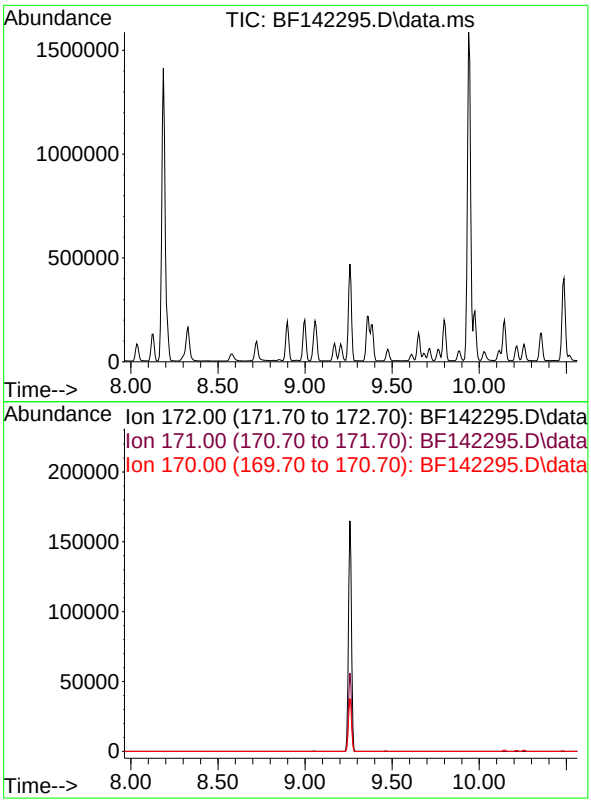
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.73 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.0
141	31.1





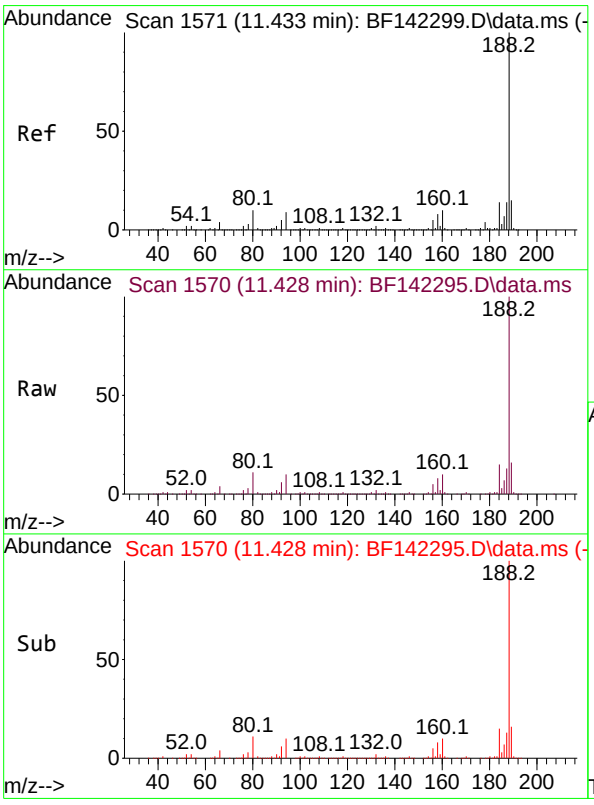
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.26 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

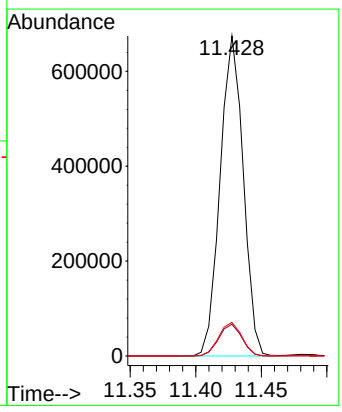
Sig	Exp Ratio
172	100
171	35.7
170	23.7

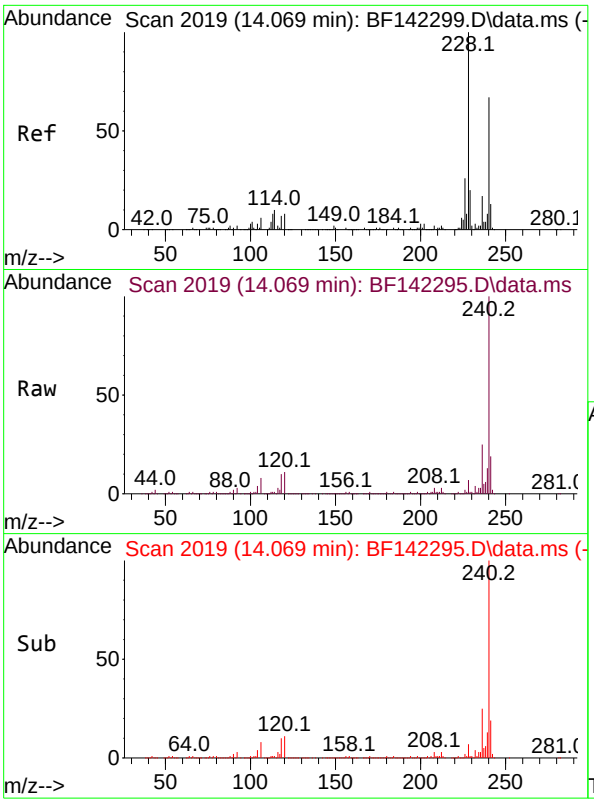


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion:188 Resp: 826586

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.5	11.3
80	10.5	7.9	11.9



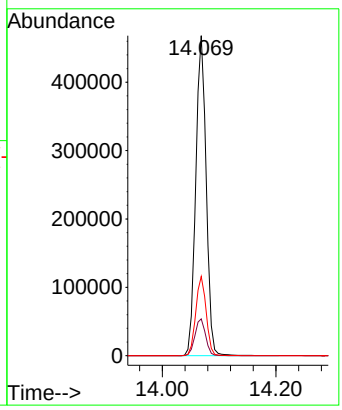


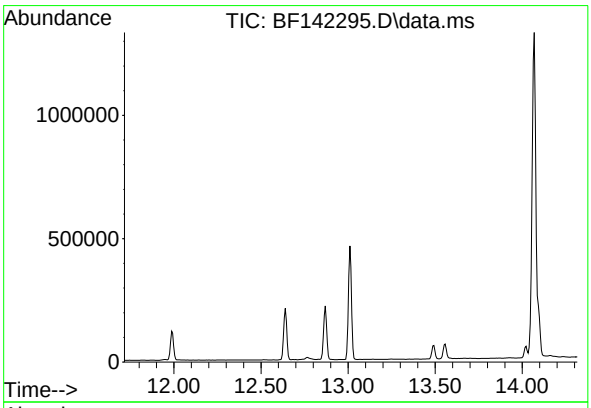
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 600134

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	24.7	20.0	30.0



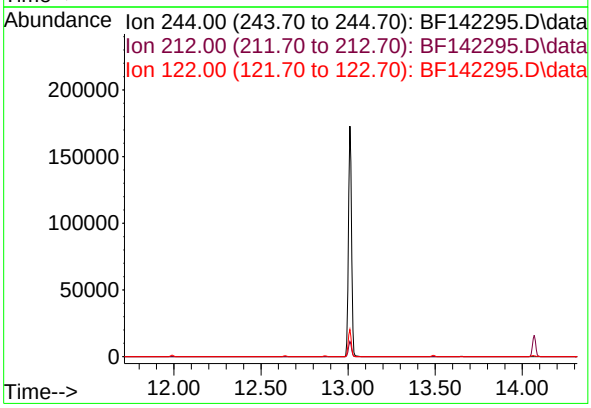


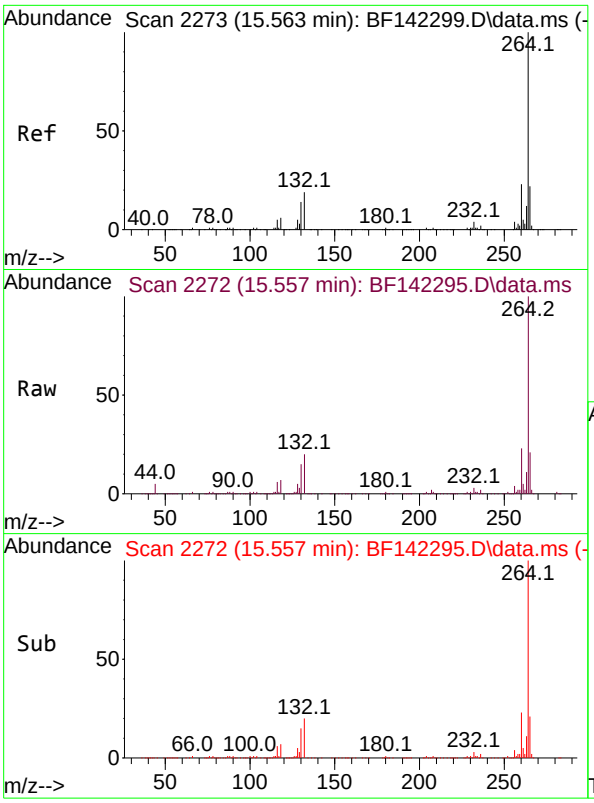
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BF142295.D
Acq: 05 May 2025 13:54

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.8
122	11.2



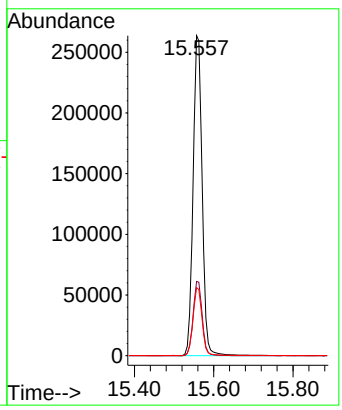


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142295.D
Acq: 05 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 417952

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.3	17.5	26.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	207173	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	800106	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	439288	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	788007	20.000	ng		0.00
76) Chrysene-d12	14.068	240	553678	20.000	ng		0.00
86) Perylene-d12	15.557	264	376971	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	125572	10.347	ng		0.00
7) Phenol-d6	6.510	99	156415	10.479	ng		-0.01
23) Nitrobenzene-d5	7.457	82	115545	8.807	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	35296	8.322	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	381508	12.383	ng		0.00
79) Terphenyl-d14	13.010	244	413313	11.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	28652	5.243	ng		100
3) Pyridine	3.463	79	60003m	4.669	ng		
4) n-Nitrosodimethylamine	3.387	42	37175	4.985	ng	#	98
6) Aniline	6.563	93	49440	3.377	ng		97
8) 2-Chlorophenol	6.681	128	62258	4.801	ng		98
9) Benzaldehyde	6.451	77	54313	6.217	ng		97
10) Phenol	6.522	94	82817	5.234	ng		97
11) bis(2-Chloroethyl)ether	6.634	93	92675m	5.940	ng		
12) 1,3-Dichlorobenzene	6.845	146	80536	5.428	ng		99
13) 1,4-Dichlorobenzene	6.922	146	80900	5.431	ng		98
14) 1,2-Dichlorobenzene	7.075	146	76655	5.361	ng		99
15) Benzyl Alcohol	7.034	79	42272	4.374	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	123229	5.289	ng		100
17) 2-Methylphenol	7.140	107	53481	5.094	ng		98
18) Hexachloroethane	7.422	117	24476	4.938	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	48843	5.290	ng		97
20) 3+4-Methylphenols	7.292	107	70122	5.351	ng		89
22) Acetophenone	7.304	105	101001	5.677	ng		98
24) Nitrobenzene	7.481	77	56276	4.551	ng		98
25) Isophorone	7.716	82	127812	5.145	ng		98
26) 2-Nitrophenol	7.798	139	17854	6.828	ng		97
27) 2,4-Dimethylphenol	7.828	122	62210	4.981	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	86020	5.385	ng		98
29) 2,4-Dichlorophenol	8.034	162	49005	4.615	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	65738	5.501	ng		98
31) Naphthalene	8.210	128	220404	5.684	ng		98
33) 4-Chloroaniline	8.275	127	74603m	4.723	ng		
34) Hexachlorobutadiene	8.328	225	37522	5.302	ng		99
35) Caprolactam	8.581	113	12615	4.085	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	56110	5.083	ng		99
37) 2-Methylnaphthalene	8.898	142	134367	5.576	ng		99
38) 1-Methylnaphthalene	8.998	142	141952	5.652	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	65890	5.370	ng		99
41) Hexachlorocyclopentadiene	9.051	237	31389	4.140	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	33630	4.346	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	37237	4.522	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	189666	5.631	ng		98
47) 2-Chloronaphthalene	9.386	162	137929	5.506	ng		98
48) 2-Nitroaniline	9.475	65	22539	3.510	ng		95
49) Acenaphthylene	9.798	152	228773	5.460	ng		99
50) Dimethylphthalate	9.651	163	146916	5.208	ng		99
51) 2,6-Dinitrotoluene	9.716	165	18933	3.586	ng		95
52) Acenaphthene	9.975	154	138379	5.492	ng		96
53) 3-Nitroaniline	9.886	138	22656	3.659	ng	#	98
55) Dibenzofuran	10.145	168	212190	5.706	ng		99
56) 4-Nitrophenol	10.028	139	17445	3.743	ng		96
57) 2,4-Dinitrotoluene	10.116	165	24415	3.605	ng		96
58) Fluorene	10.486	166	167029	5.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	29233	4.301	ng		99
60) Diethylphthalate	10.357	149	147649	5.241	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	76782	5.608	ng		98
62) 4-Nitroaniline	10.486	138	22736	4.632	ng		93
63) Azobenzene	10.639	77	146968	5.460	ng		99
66) n-Nitrosodiphenylamine	10.592	169	138600	5.286	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	45301	5.072	ng		97
68) Hexachlorobenzene	11.033	284	51978	5.291	ng		100
69) Atrazine	11.122	200	30914	4.472	ng		99
70) Pentachlorophenol	11.227	266	18599	3.599	ng		98
71) Phenanthrene	11.451	178	235107	5.692	ng		98
72) Anthracene	11.504	178	238345	5.616	ng		98
73) Carbazole	11.657	167	209878	5.512	ng		98
74) Di-n-butylphthalate	11.986	149	188462	4.707	ng		99
75) Fluoranthene	12.639	202	236016	5.716	ng		99
78) Pyrene	12.869	202	252238	5.118	ng		98
80) Butylbenzylphthalate	13.492	149	39082	6.169	ng		98
81) Benzo(a)anthracene	14.057	228	189654	5.289	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	34544	4.143	ng		99
83) Chrysene	14.092	228	179085	5.365	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	45343	6.444	ng		98
87) Indeno(1,2,3-cd)pyrene	17.057	276	108522	4.138	ng		99
88) Benzo(b)fluoranthene	15.115	252	123666	5.416	ng		99
89) Benzo(k)fluoranthene	15.145	252	109149	5.224	ng		99
90) Benzo(a)pyrene	15.492	252	97418	4.761	ng		100
91) Dibenzo(a,h)anthracene	17.080	278	93055	4.295	ng		98
92) Benzo(g,h,i)perylene	17.509	276	91492	4.255	ng		98

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

ICAL Form

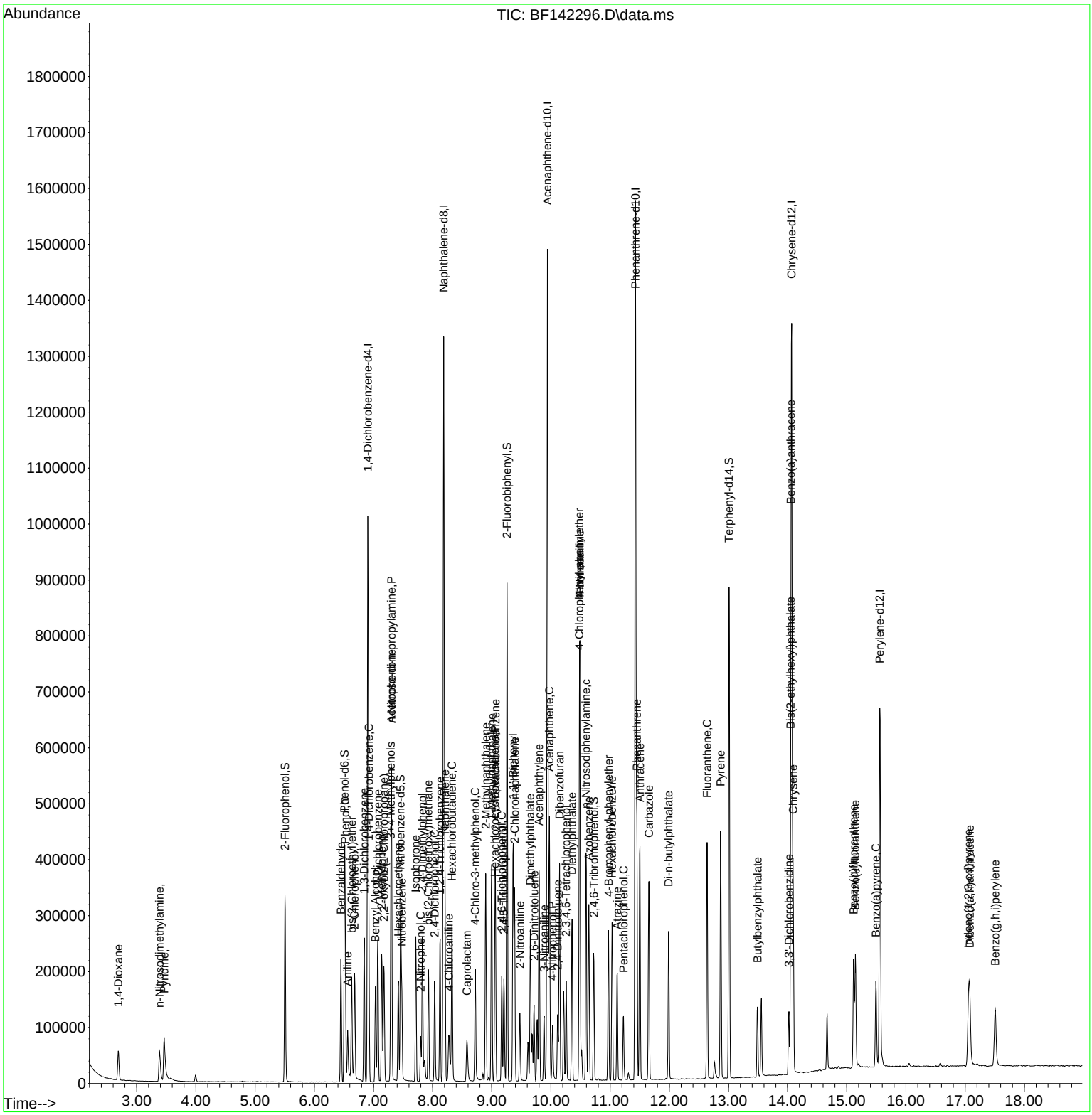
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142296.D
Acq On : 05 May 2025 14:23
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

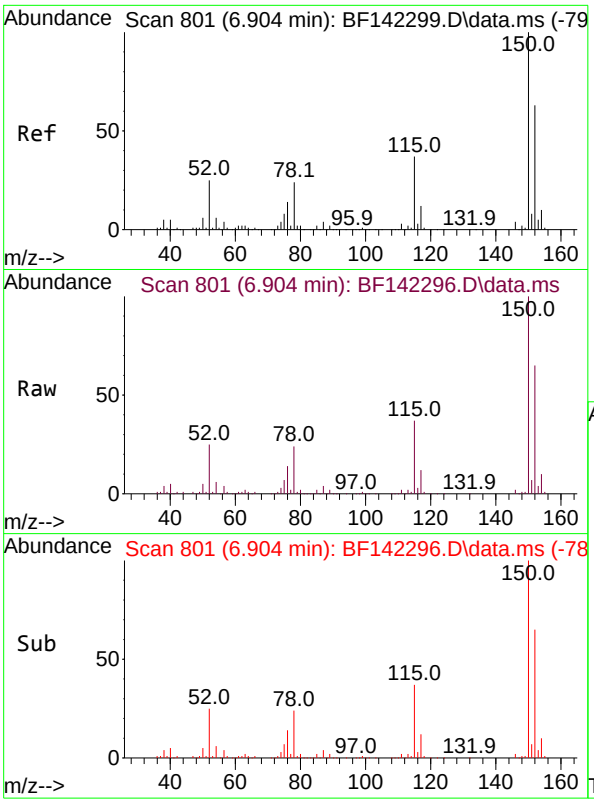
Quant Time: May 05 17:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

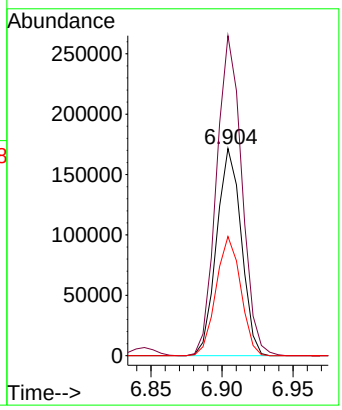




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:152 Resp: 20717

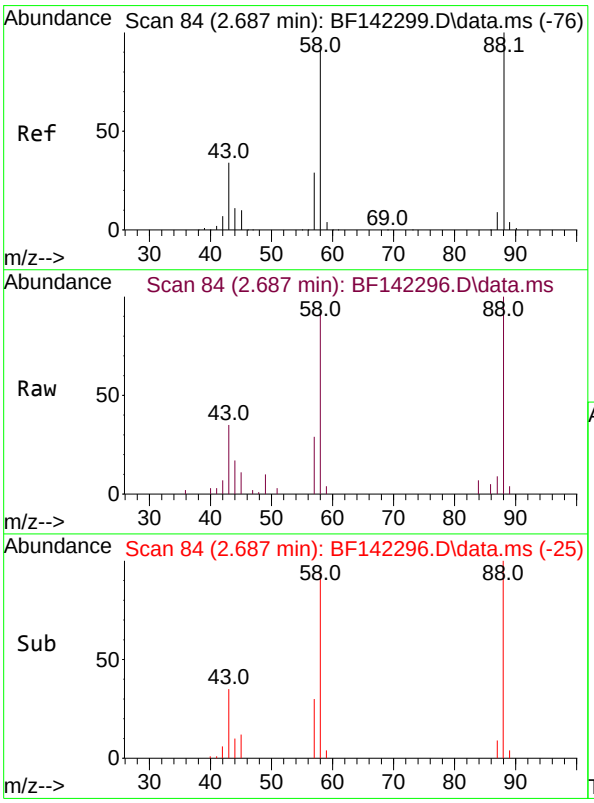
Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	190.0
115	57.6	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

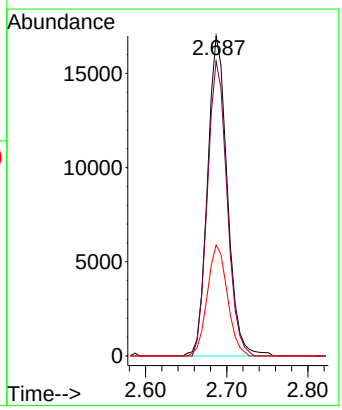
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

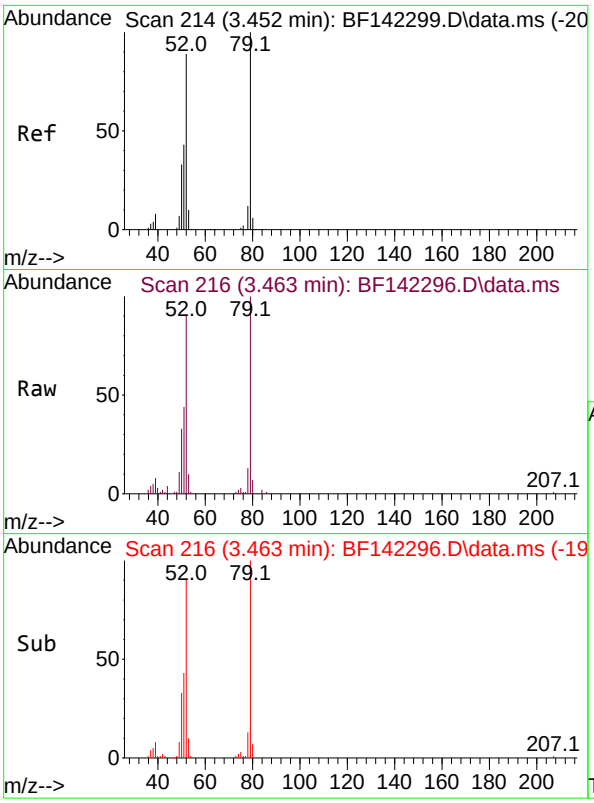


#2
1,4-Dioxane
Concen: 5.243 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 88 Resp: 28652

Ion	Ratio	Lower	Upper
88	100		
58	91.1	73.0	109.4
43	35.3	27.8	41.6

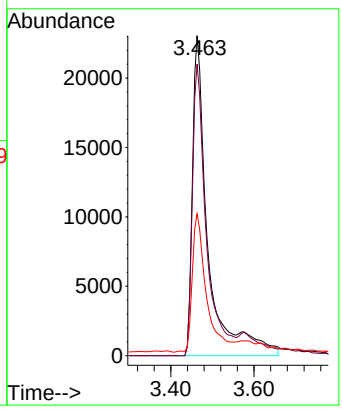




#3
Pyridine
Concen: 4.669 ng m
RT: 3.463 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 79 Resp: 6000

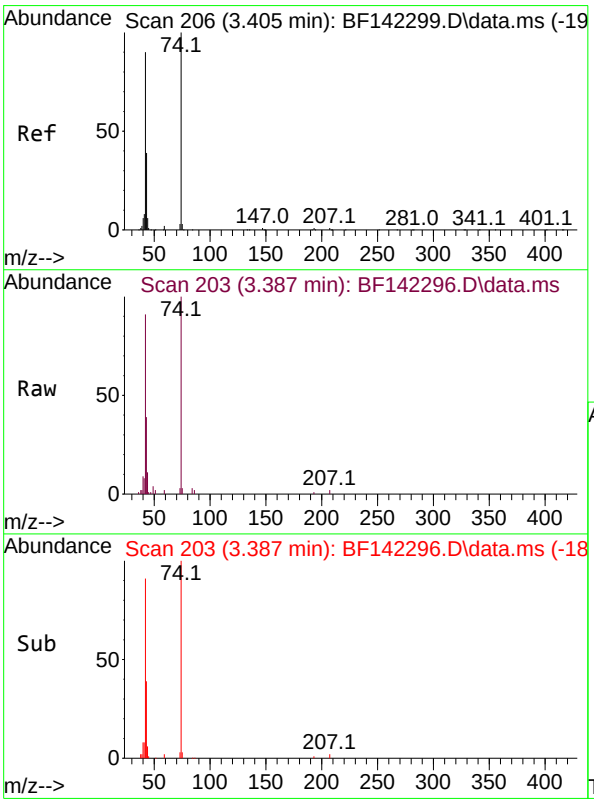
Ion	Ratio	Lower	Upper
79	100		
52	91.1	71.0	106.4
51	44.3	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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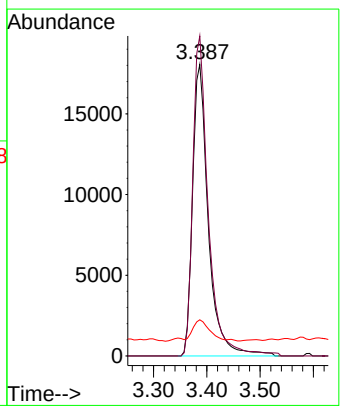
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

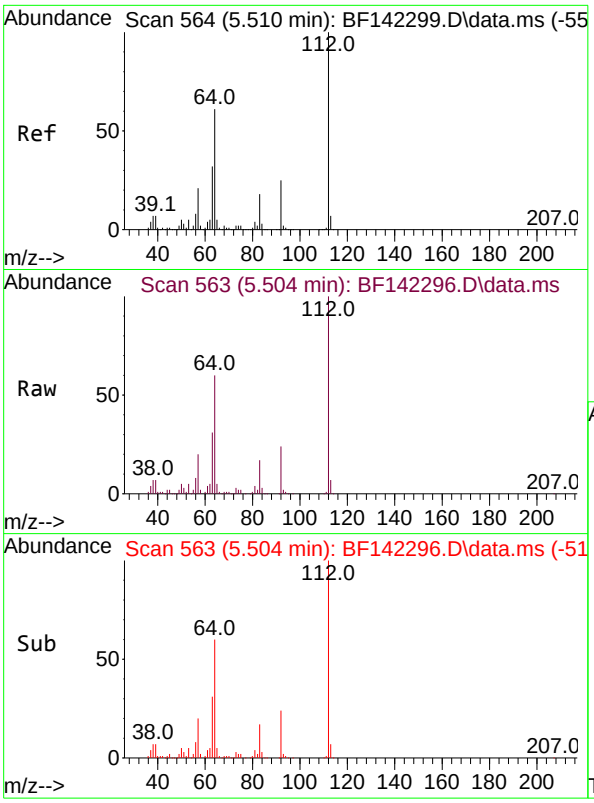


#4
n-Nitrosodimethylamine
Concen: 4.985 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 42 Resp: 37175

Ion	Ratio	Lower	Upper
42	100		
74	109.7	88.5	132.7
44	12.4	5.8	8.8#

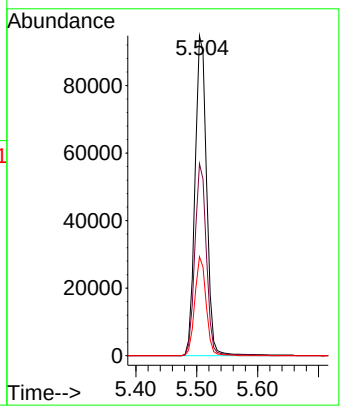




#5
2-Fluorophenol
Concen: 10.347 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:112 Resp: 12557

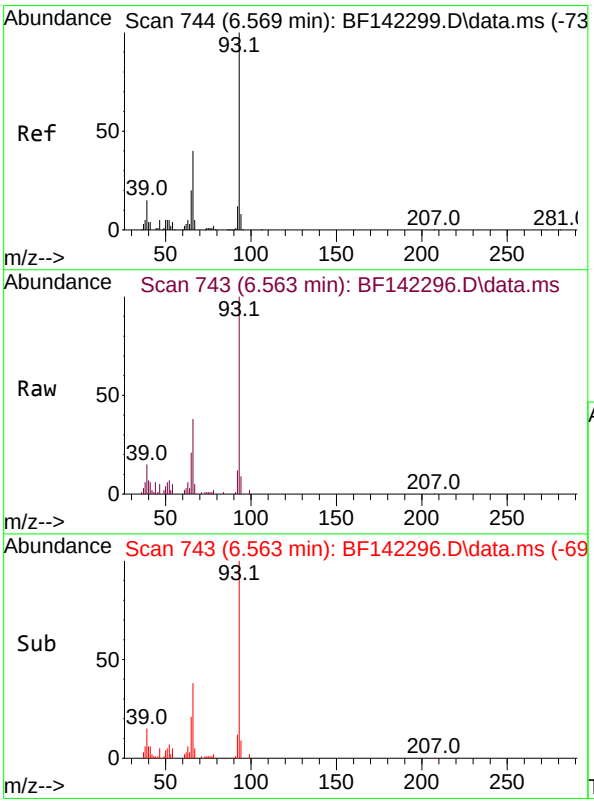
Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.9	73.3
63	30.9	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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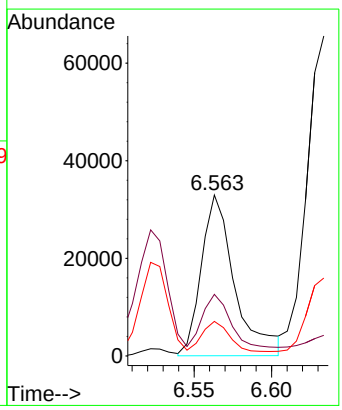
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

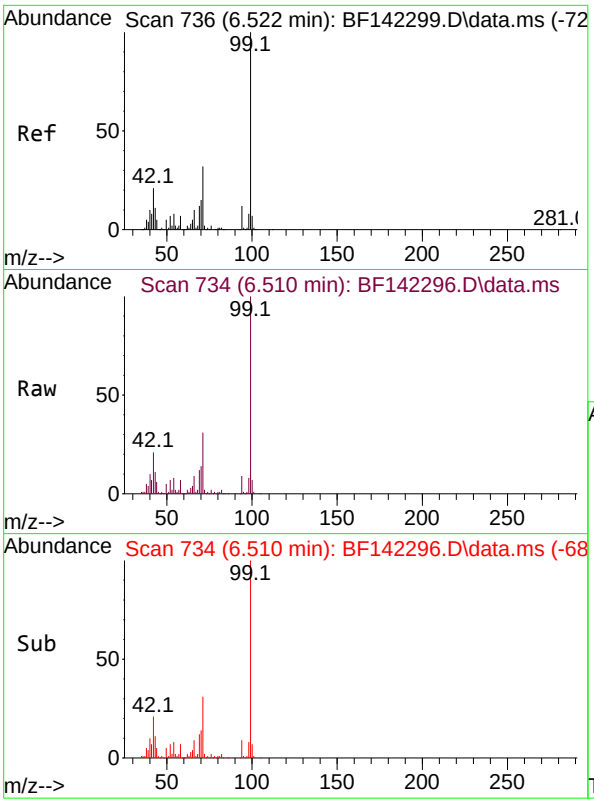


#6
Aniline
Concen: 3.377 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 93 Resp: 49440

Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.2	48.4
65	21.4	16.3	24.5





#7
Phenol-d6
Concen: 10.479 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

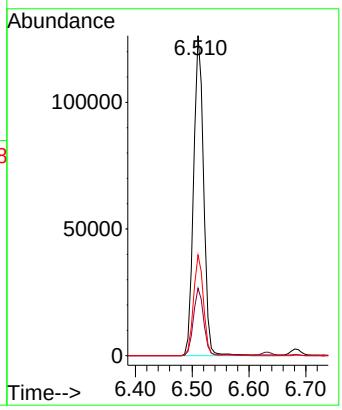
Tgt Ion: 99 Resp: 15641

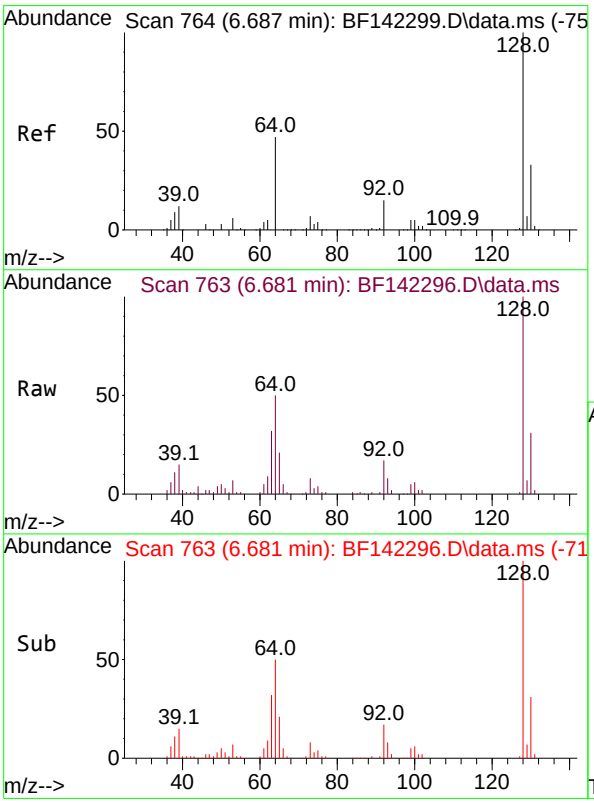
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.4
71	31.4	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

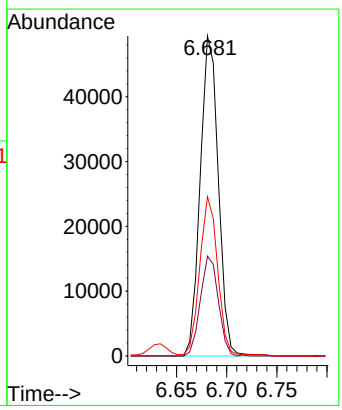


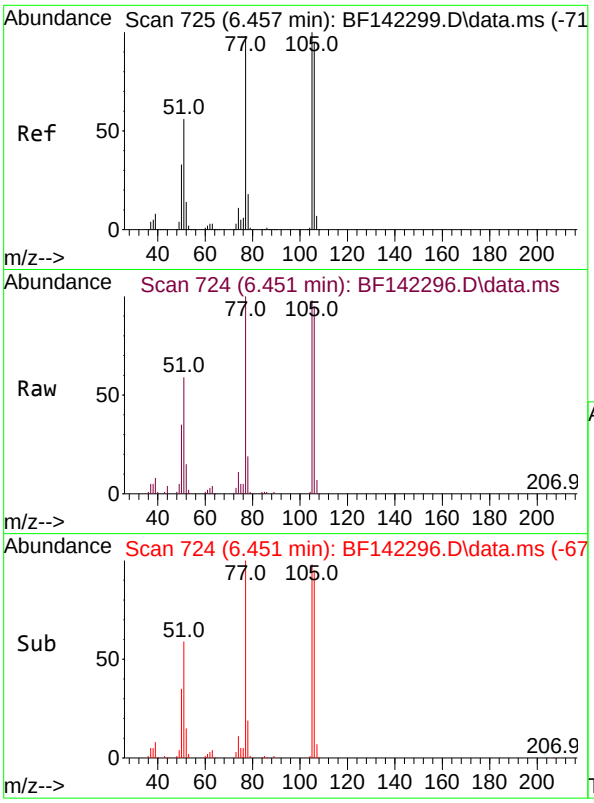


#8
2-Chlorophenol
Concen: 4.801 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:128 Resp: 62258

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.7	52.7
64	49.8	29.2	69.2





#9
Benzaldehyde
Concen: 6.217 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

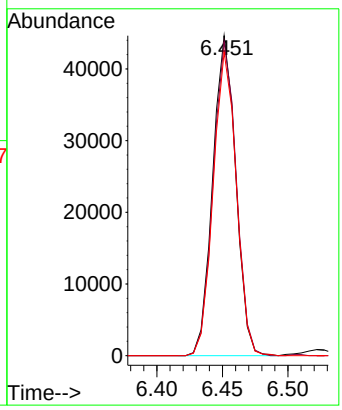
Tgt Ion: 77 Resp: 5431

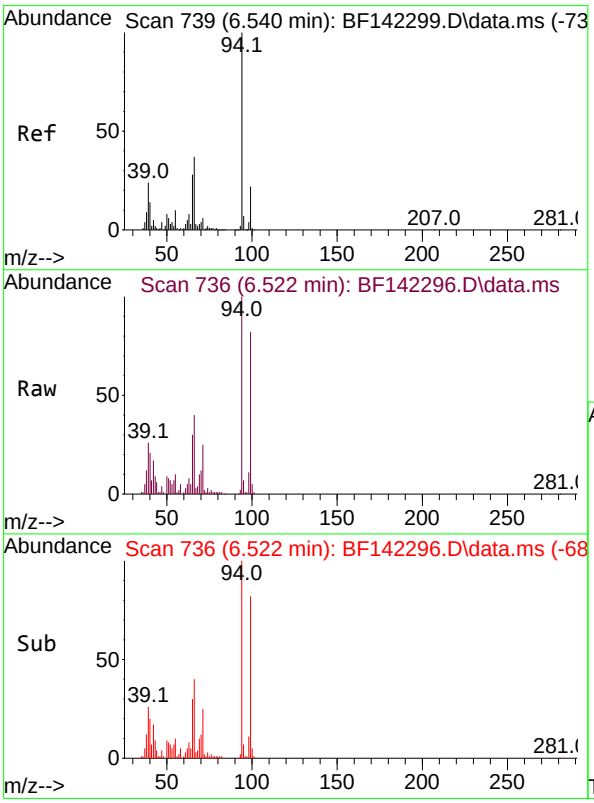
Ion	Ratio	Lower	Upper
77	100		
105	98.1	82.0	122.0
106	94.9	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

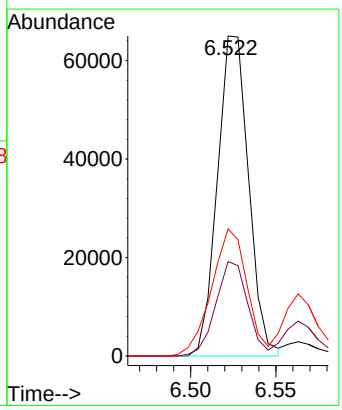


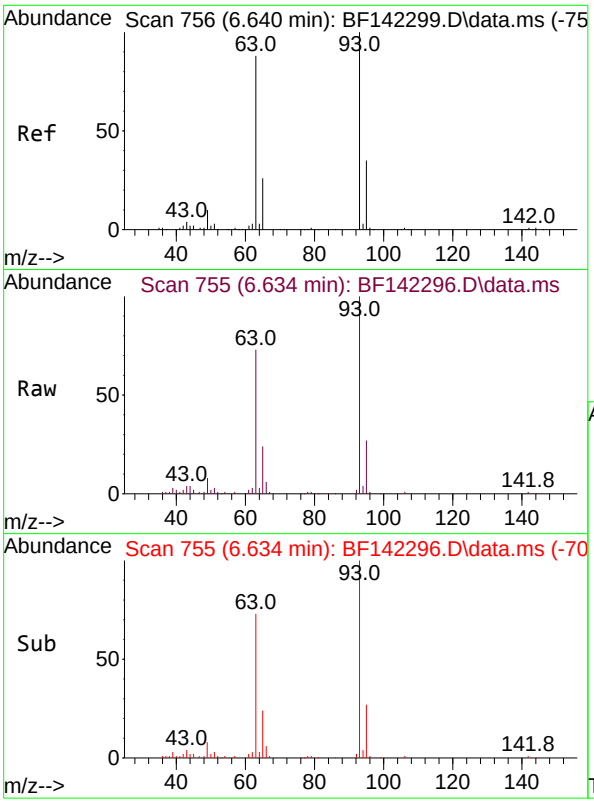


#10
Phenol
Concen: 5.234 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 94 Resp: 82817

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.5	48.5
66	39.8	17.3	57.3

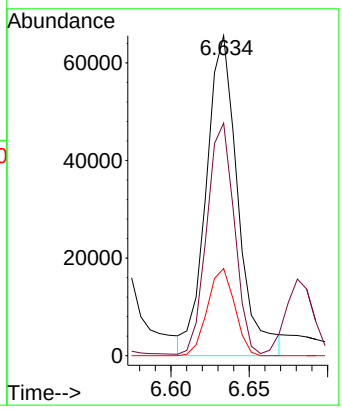




#11
bis(2-Chloroethyl)ether
Concen: 5.940 ng m
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 93 Resp: 9267

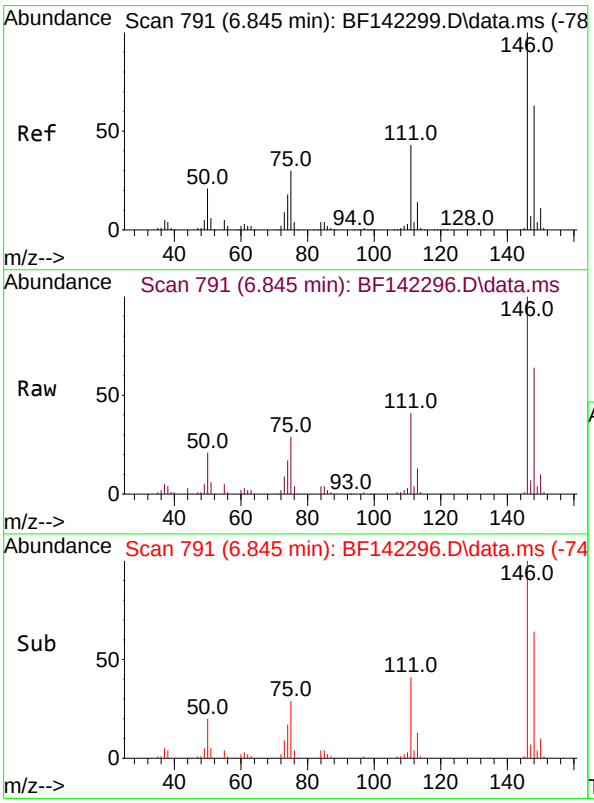
Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.4	98.4
95	27.2	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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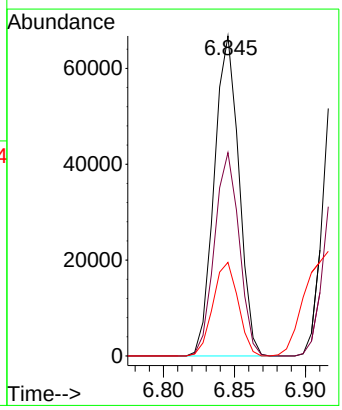
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

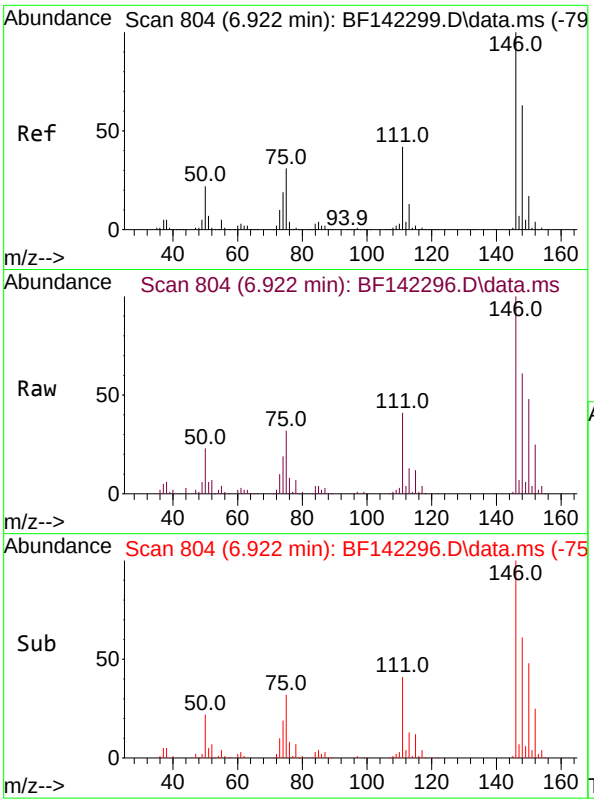


#12
1,3-Dichlorobenzene
Concen: 5.428 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:146 Resp: 80536

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
75	29.3	24.2	36.4

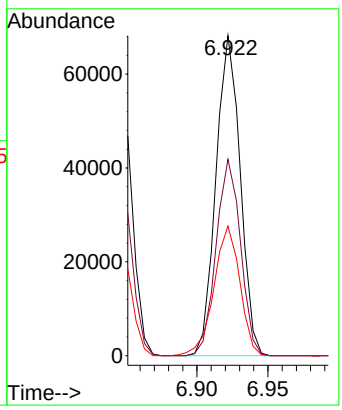




#13
1,4-Dichlorobenzene
Concen: 5.431 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:146 Resp: 8090

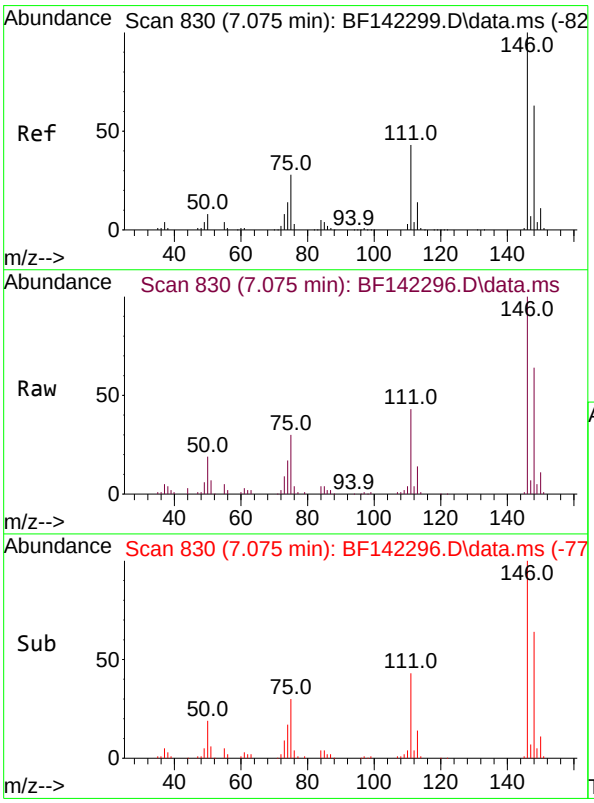
Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.5	75.7
111	40.5	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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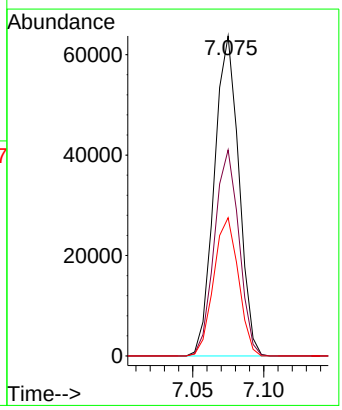
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

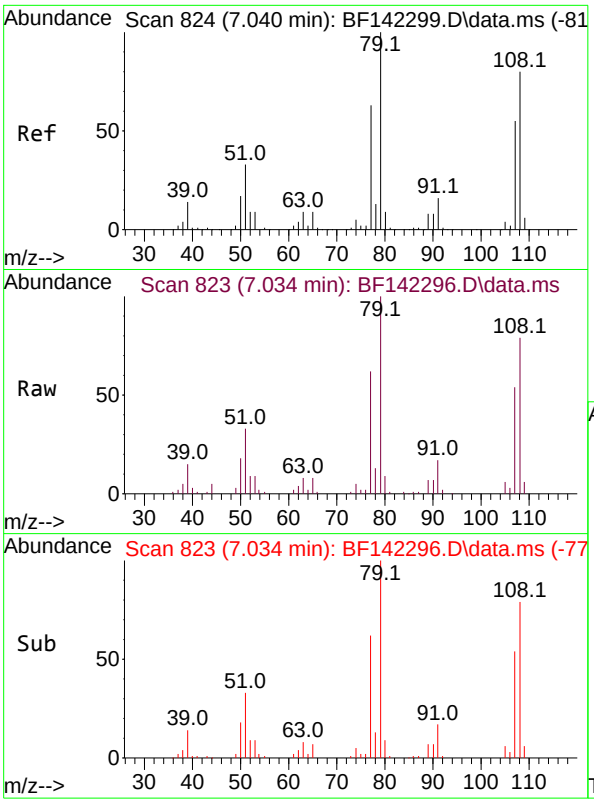


#14
1,2-Dichlorobenzene
Concen: 5.361 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:146 Resp: 76655

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.3	75.5
111	43.2	34.5	51.7

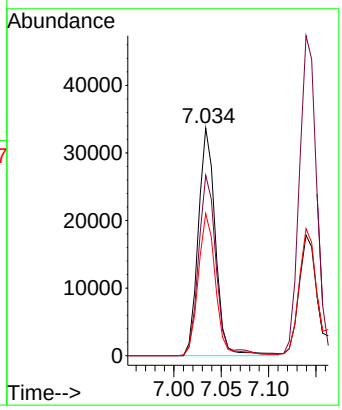




#15
Benzyl Alcohol
Concen: 4.374 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 79 Resp: 4227

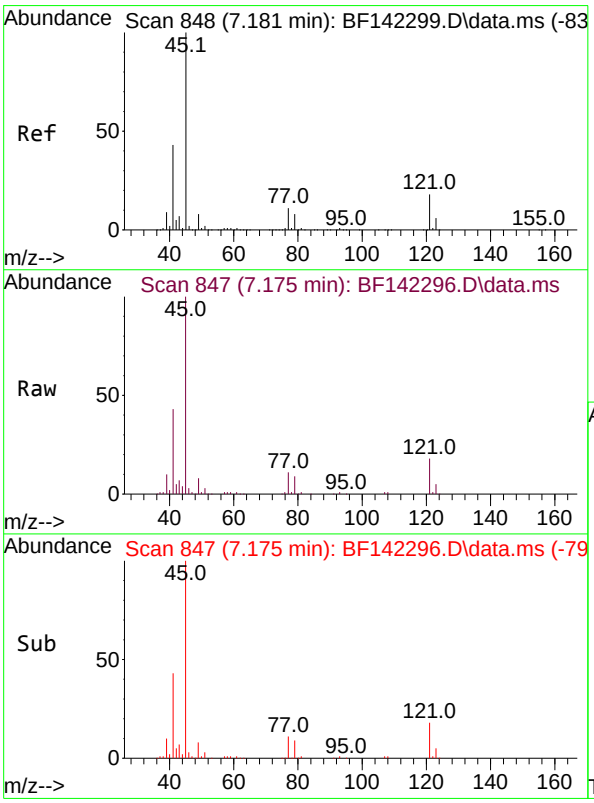
Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.9	95.9
77	62.4	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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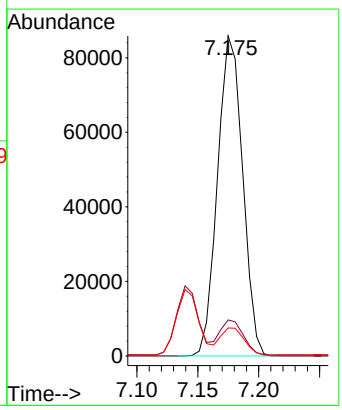
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

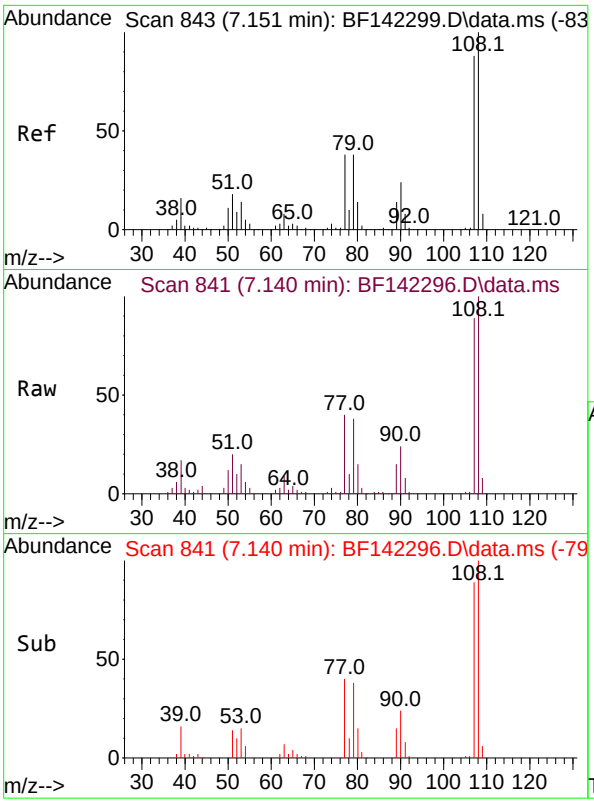


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.289 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 45 Resp: 123229

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.8	0.0	28.5

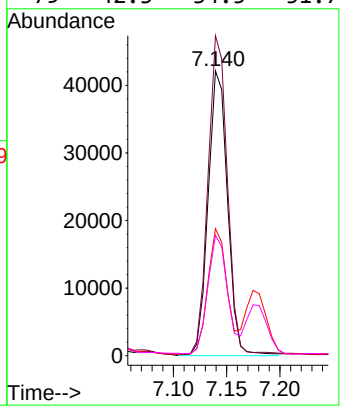




#17
2-Methylphenol
Concen: 5.094 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 5348

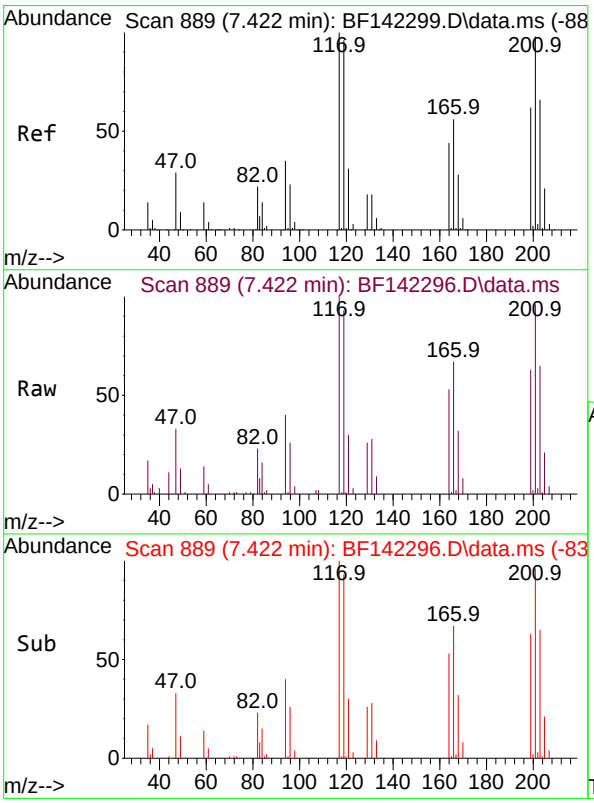
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.1	136.7
77	44.6	34.7	52.1
79	42.3	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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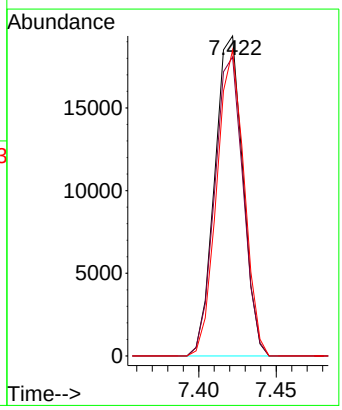
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

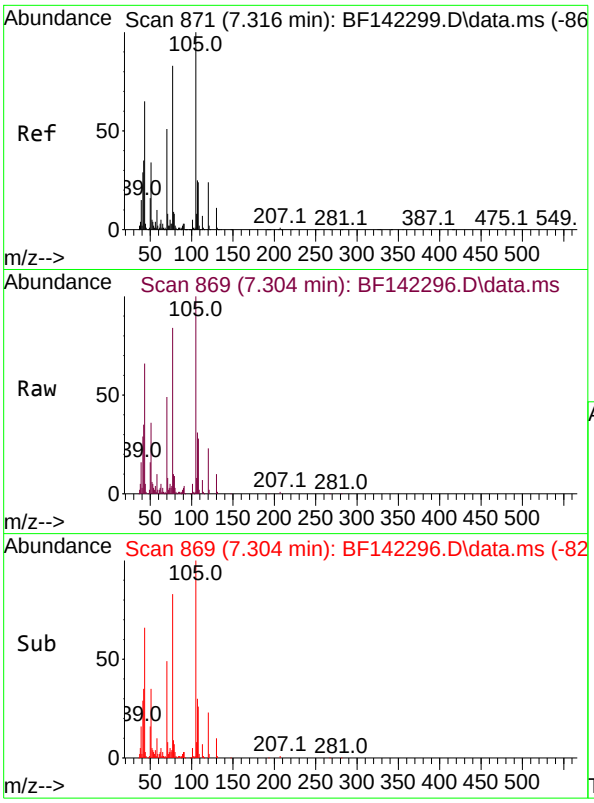


#18
Hexachloroethane
Concen: 4.938 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:117 Resp: 24476

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.9	115.3
201	95.6	78.0	117.0

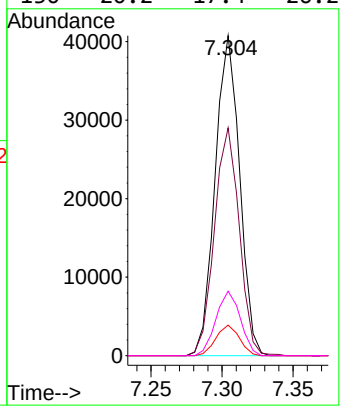




#19
n-Nitroso-di-n-propylamine
Concen: 5.290 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 70 Resp: 4884

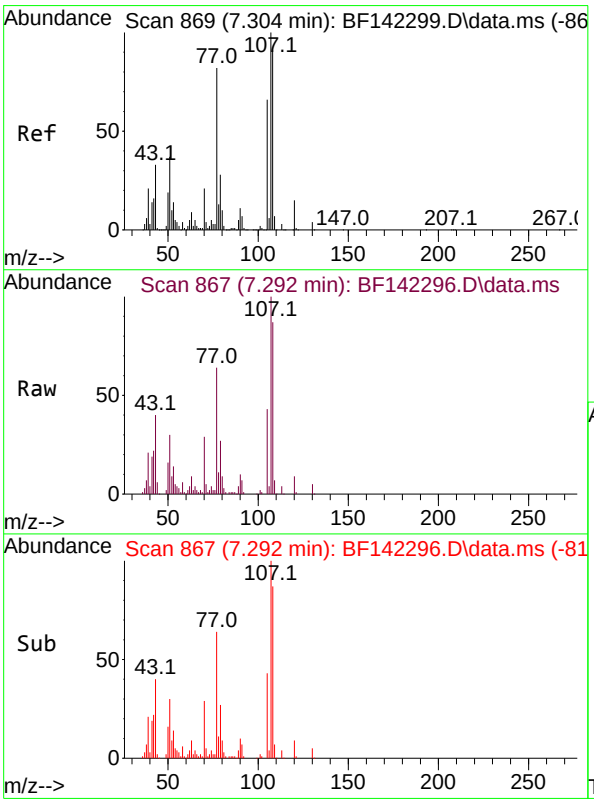
Ion	Ratio	Lower	Upper
70	100		
42	71.2	54.8	82.2
101	9.6	7.7	11.5
130	20.2	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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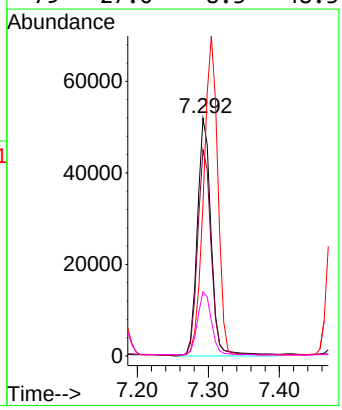
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

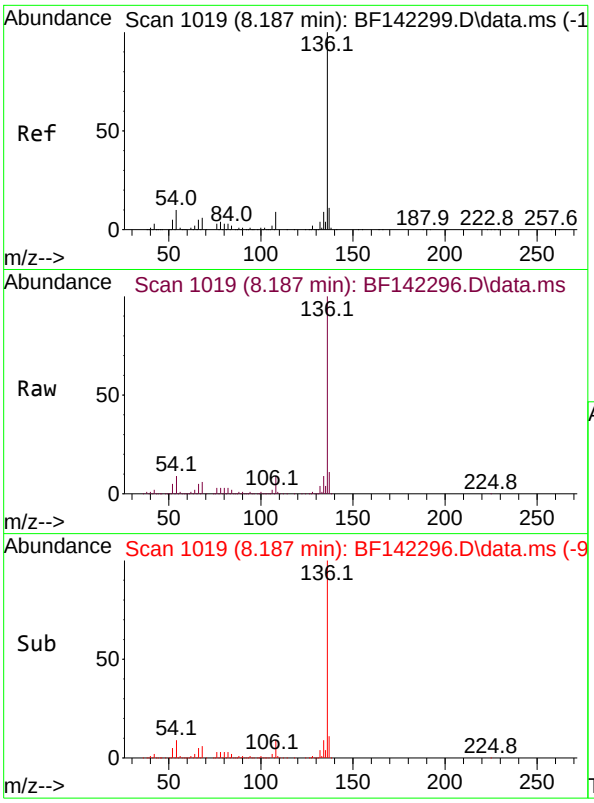


#20
3+4-Methylphenols
Concen: 5.351 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 70122

Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.5	111.5
77	64.1	61.6	101.6
79	27.0	8.3	48.3

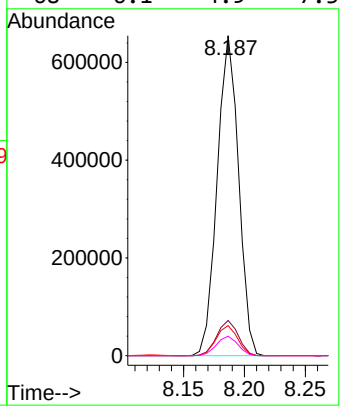




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:136 Resp: 80010(

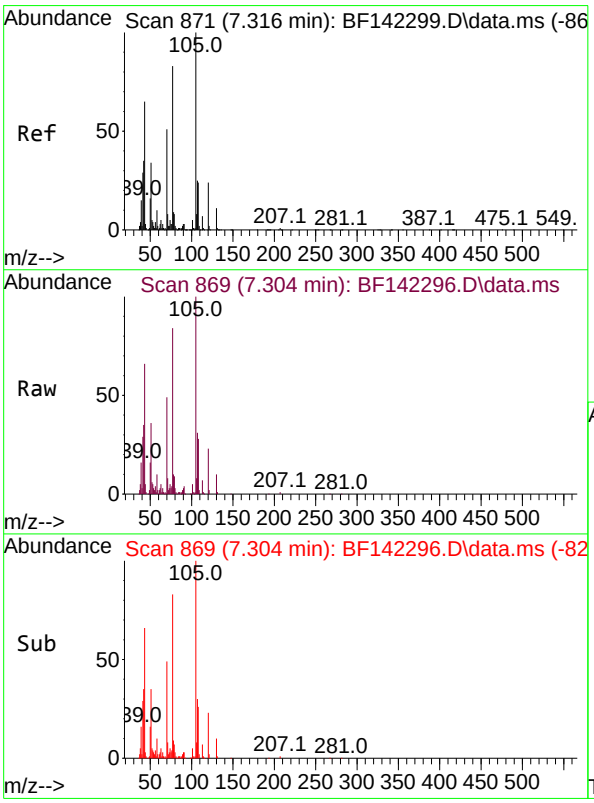
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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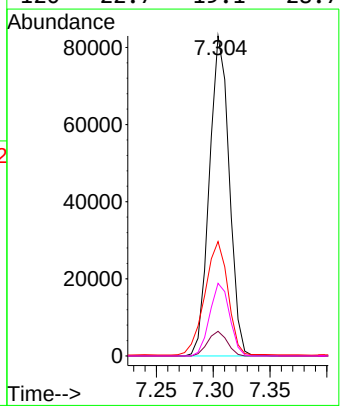
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

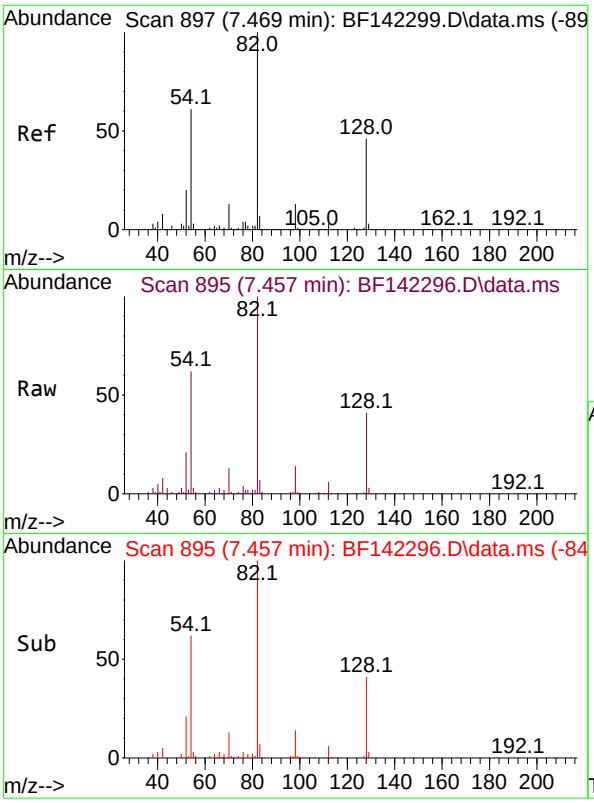


#22
Acetophenone
Concen: 5.677 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:105 Resp: 101001

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.7	10.1
51	35.8	27.6	41.4
120	22.7	19.1	28.7





#23
Nitrobenzene-d5
Concen: 8.807 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

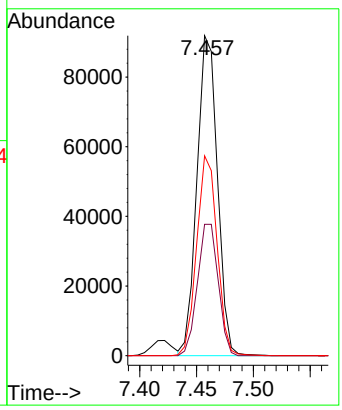
Tgt Ion: 82 Resp: 11554

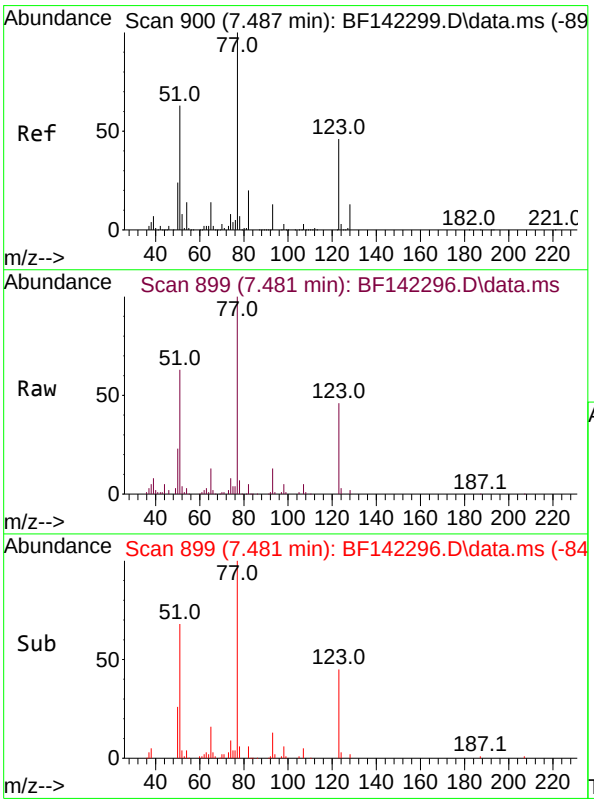
Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.0	55.6
54	62.5	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

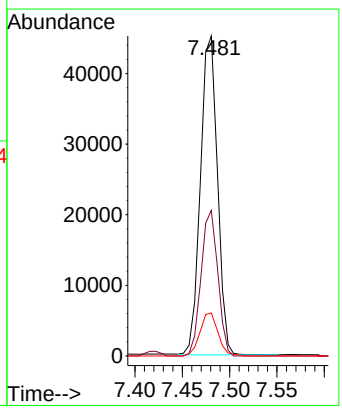


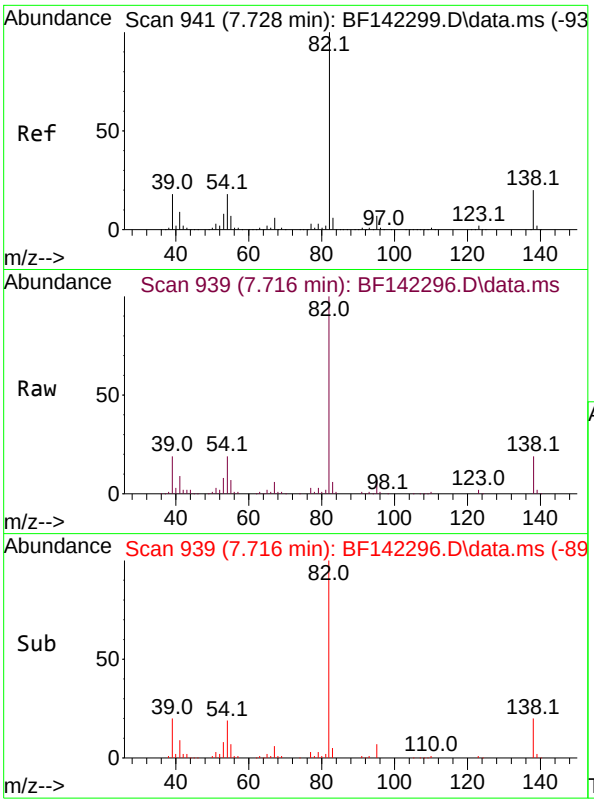


#24
Nitrobenzene
Concen: 4.551 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 77 Resp: 56276

Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.8	56.8
65	13.4	11.4	17.0

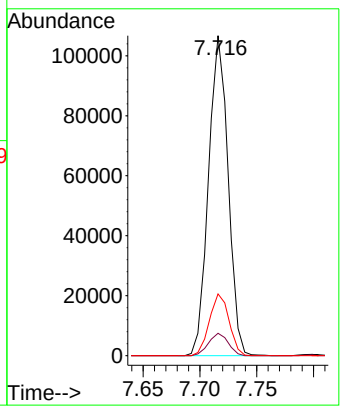




#25
Isophorone
Concen: 5.145 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 82 Resp: 12781

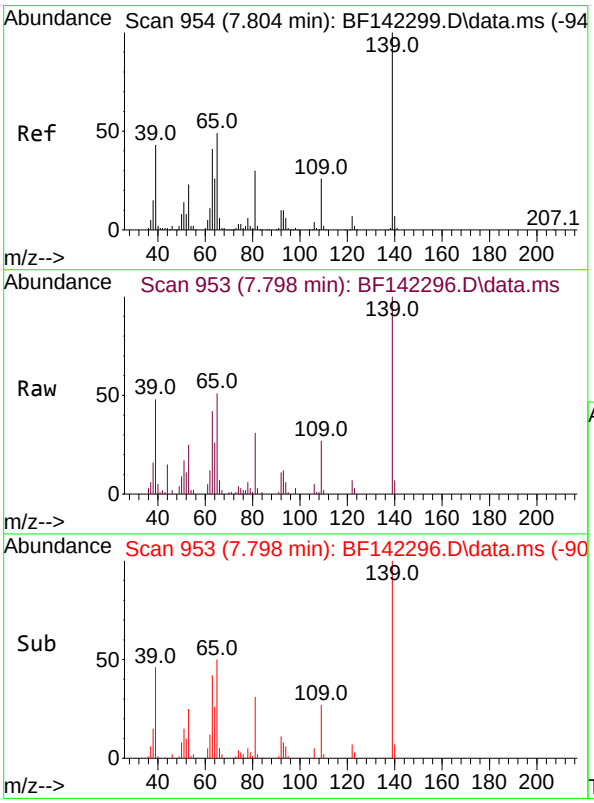
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	19.3	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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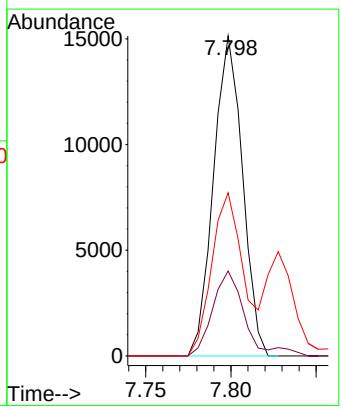
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

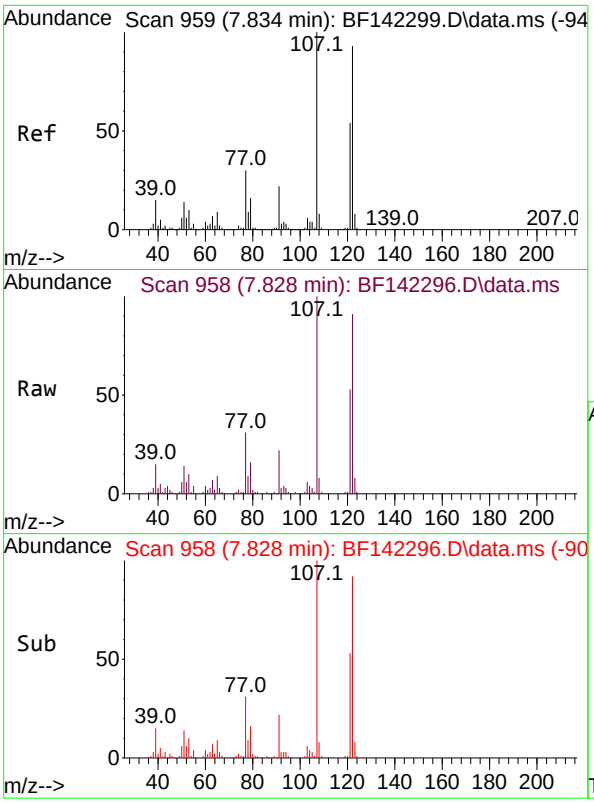


#26
2-Nitrophenol
Concen: 6.828 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:139 Resp: 17854

Ion	Ratio	Lower	Upper
139	100		
109	26.5	20.8	31.2
65	51.0	38.9	58.3

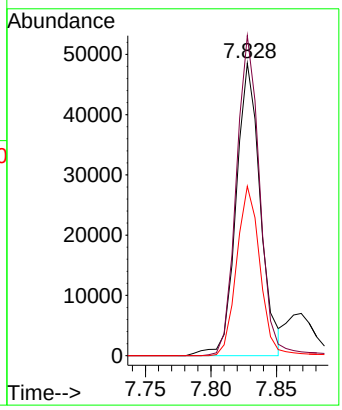




#27
2,4-Dimethylphenol
Concen: 4.981 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:122 Resp: 6221

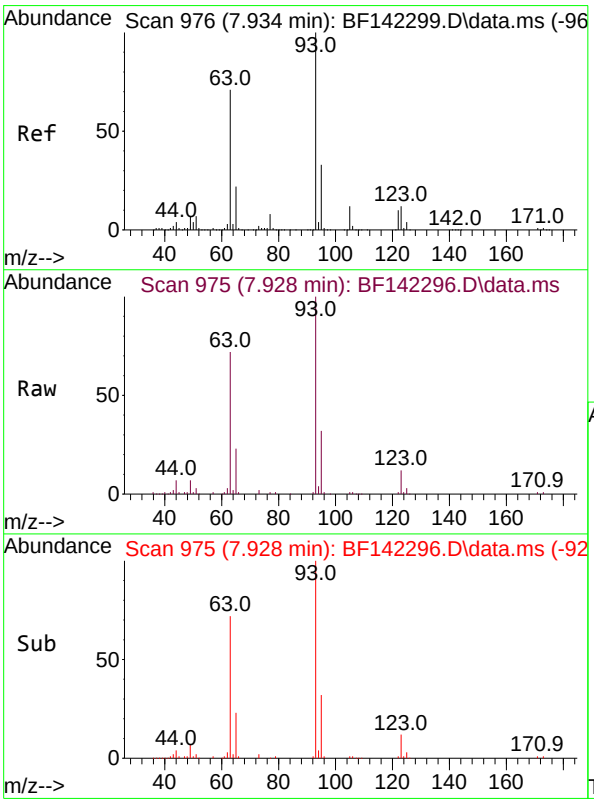
Ion	Ratio	Lower	Upper
122	100		
107	109.4	86.0	129.0
121	57.9	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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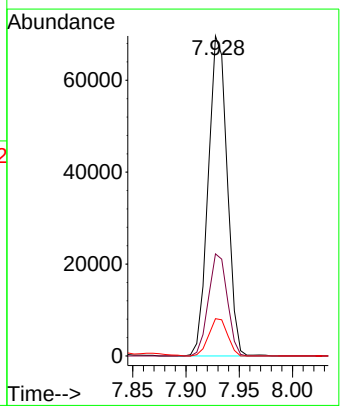
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

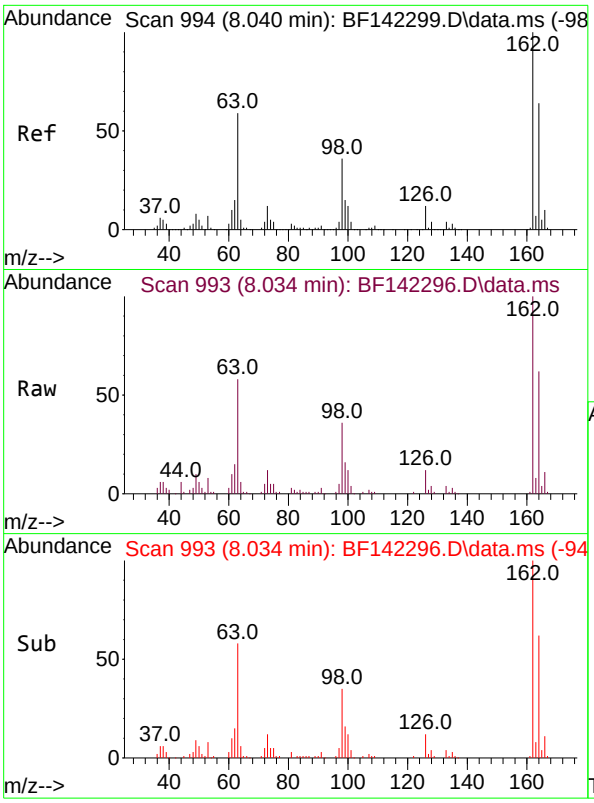


#28
bis(2-Chloroethoxy)methane
Concen: 5.385 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 93 Resp: 86020

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.1	39.1
123	11.7	10.2	15.4

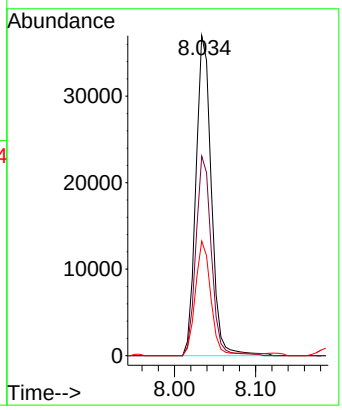




#29
2,4-Dichlorophenol
Concen: 4.615 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:162 Resp: 4900

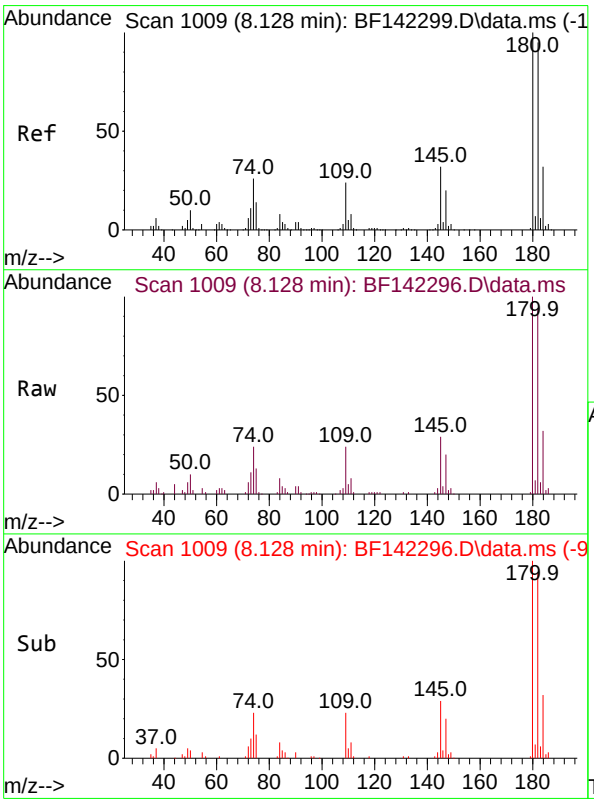
Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.6	83.6
98	35.8	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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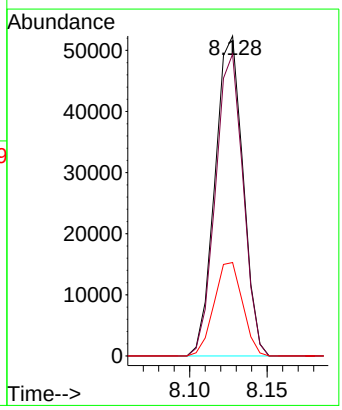
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

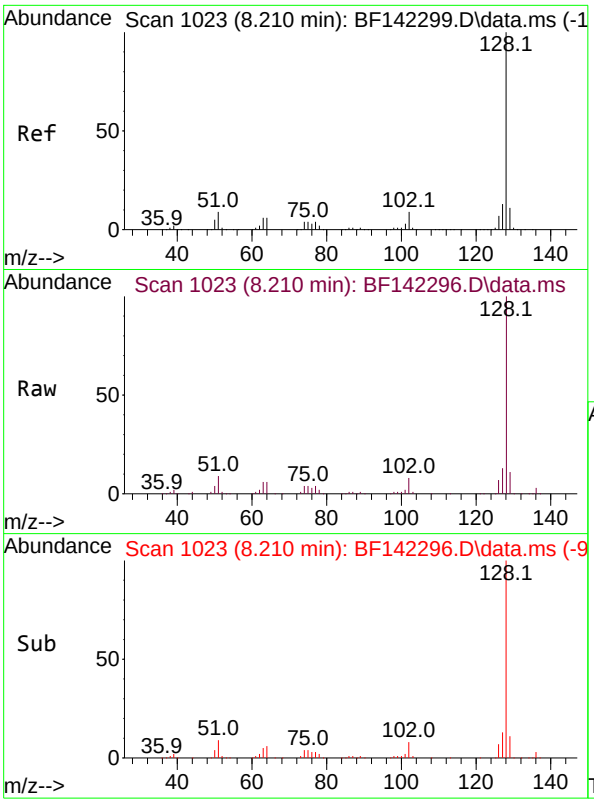


#30
1,2,4-Trichlorobenzene
Concen: 5.501 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:180 Resp: 65738

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.4
145	29.2	25.8	38.6

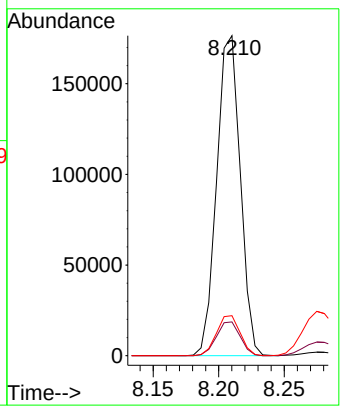




#31
Naphthalene
Concen: 5.684 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:128 Resp: 22040

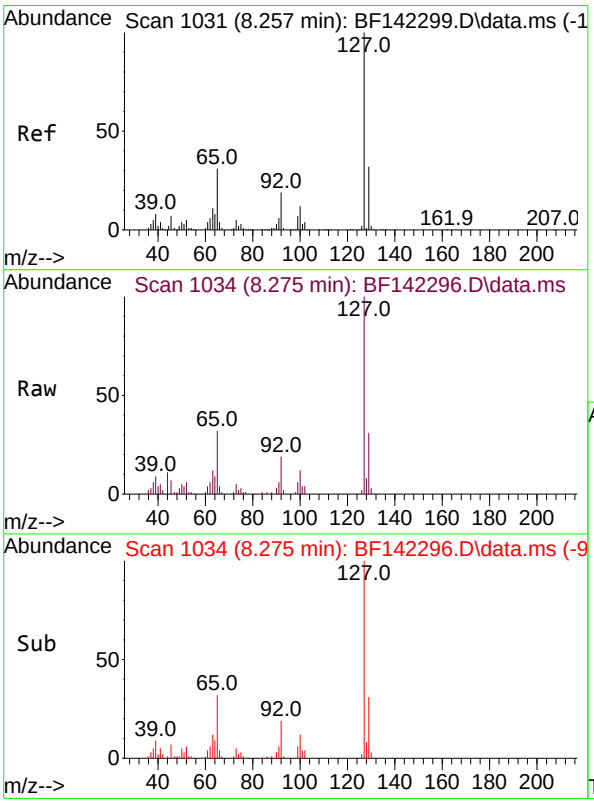
Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	12.5	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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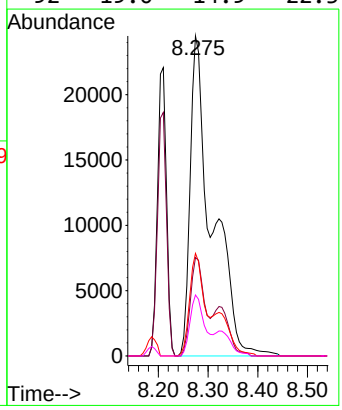
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

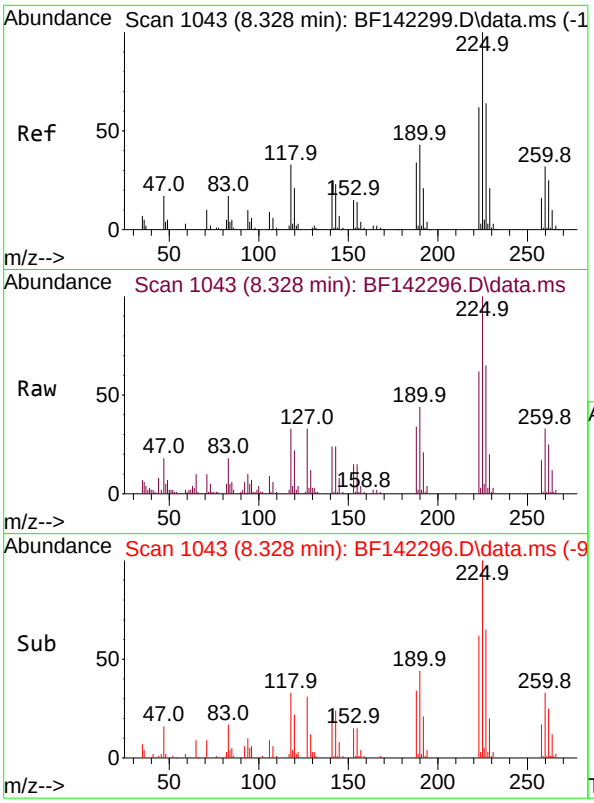


#33
4-Chloroaniline
Concen: 4.723 ng m
RT: 8.275 min Scan# 1034
Delta R.T. 0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:127 Resp: 74603

Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.7	38.5
65	32.1	24.9	37.3
92	19.0	14.9	22.3





#34
Hexachlorobutadiene
Concen: 5.302 ng
RT: 8.328 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

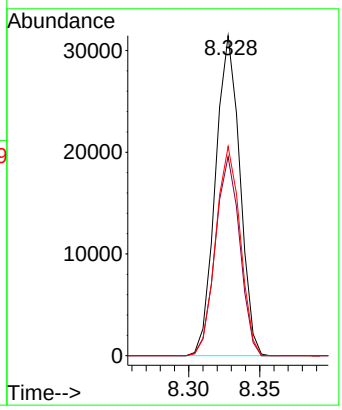
Tgt Ion:225 Resp: 3752

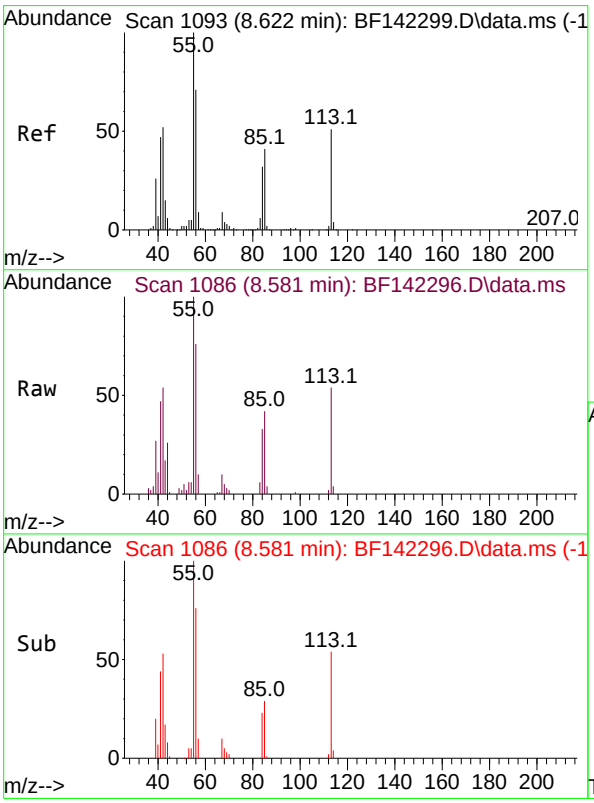
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	65.4	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

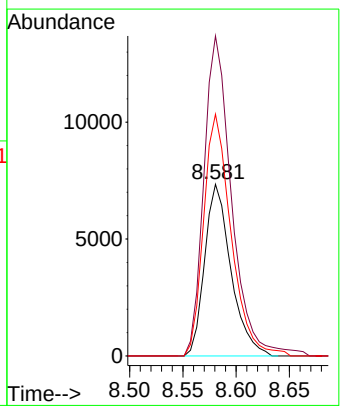


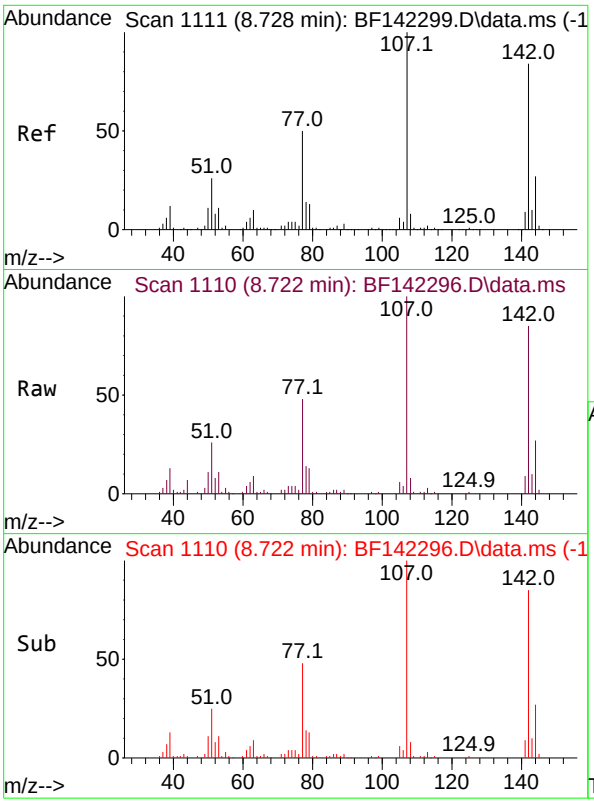


#35
Caprolactam
Concen: 4.085 ng
RT: 8.581 min Scan# 1086
Delta R.T. -0.041 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:113 Resp: 12615

Ion	Ratio	Lower	Upper
113	100		
55	186.4	176.4	216.4
56	140.8	120.3	160.3

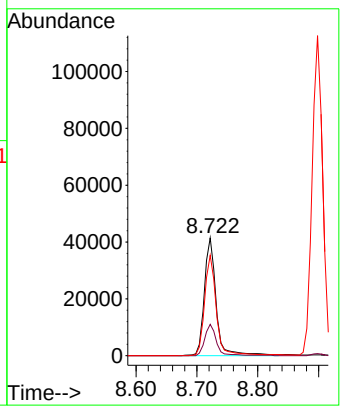




#36
4-Chloro-3-methylphenol
Concen: 5.083 ng
RT: 8.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:107 Resp: 5611

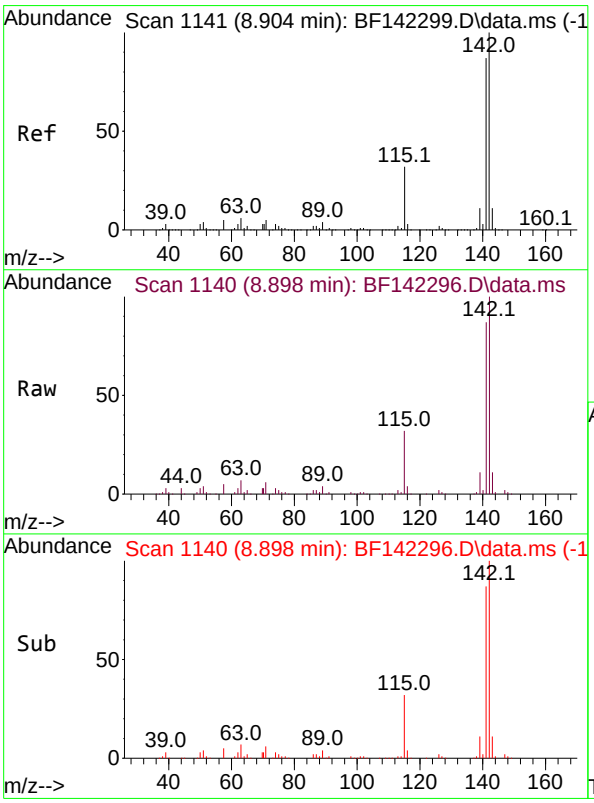
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.3	31.9
142	85.1	66.9	100.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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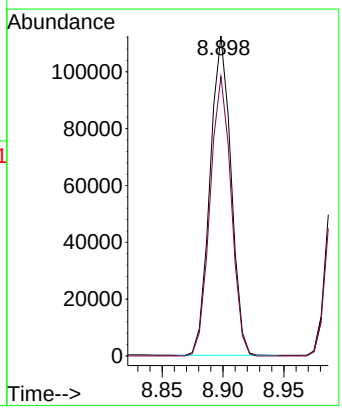
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

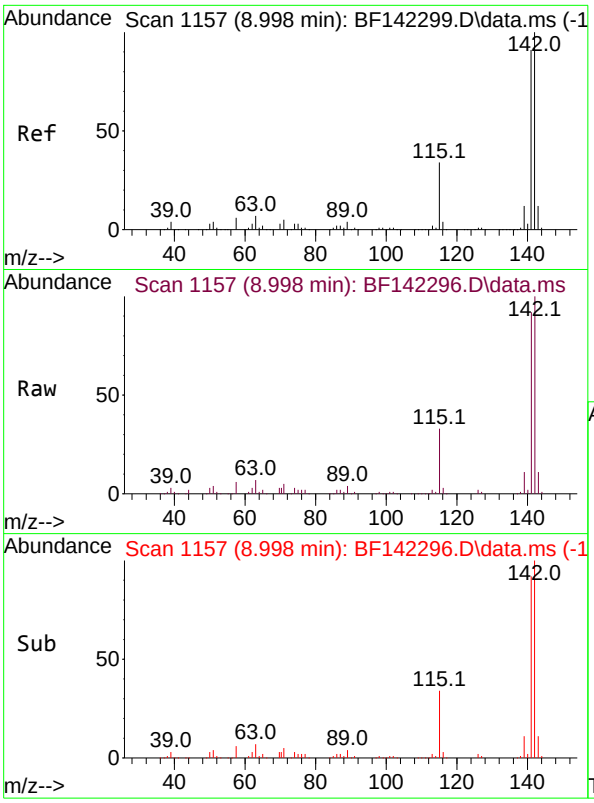


#37
2-Methylnaphthalene
Concen: 5.576 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:142 Resp: 134367

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.2

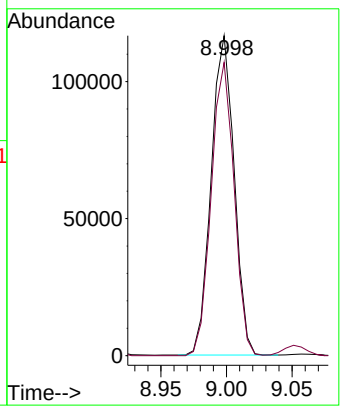




#38
1-Methylnaphthalene
Concen: 5.652 ng
RT: 8.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:142 Resp: 14195

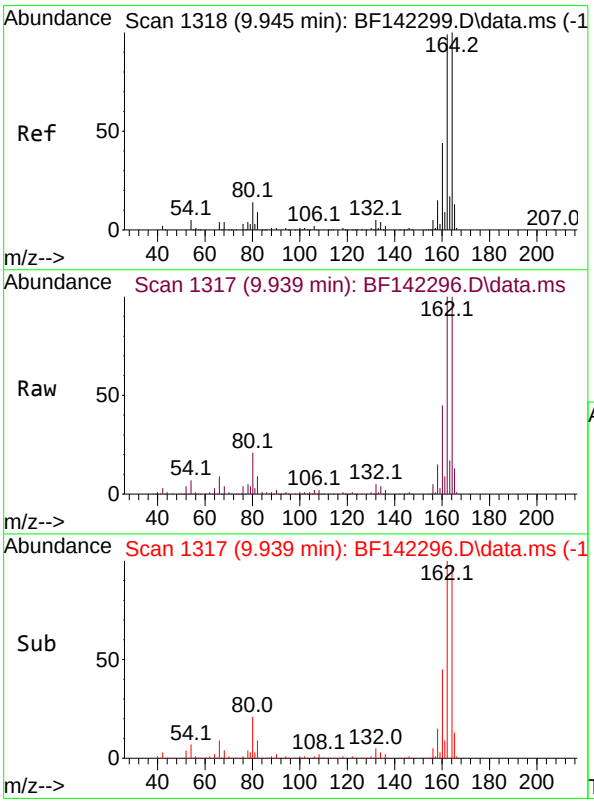
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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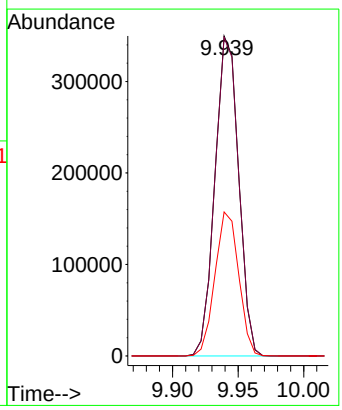
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

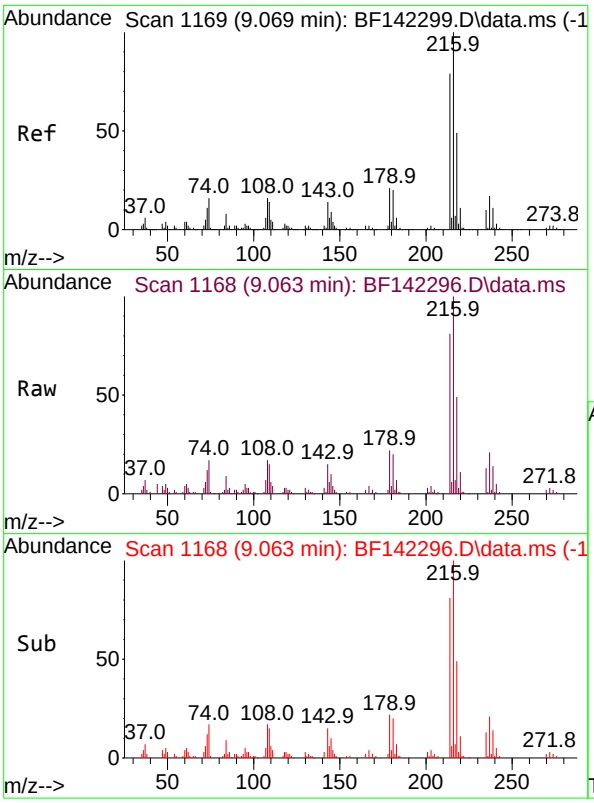


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:164 Resp: 439288

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.2	118.8
160	45.0	35.3	52.9

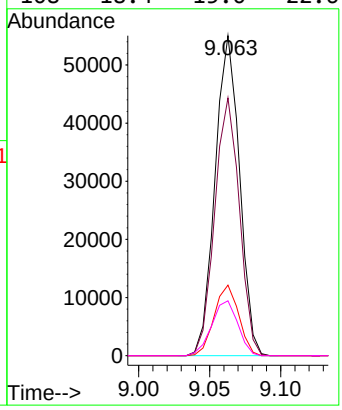




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.370 ng
RT: 9.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:216 Resp: 6589

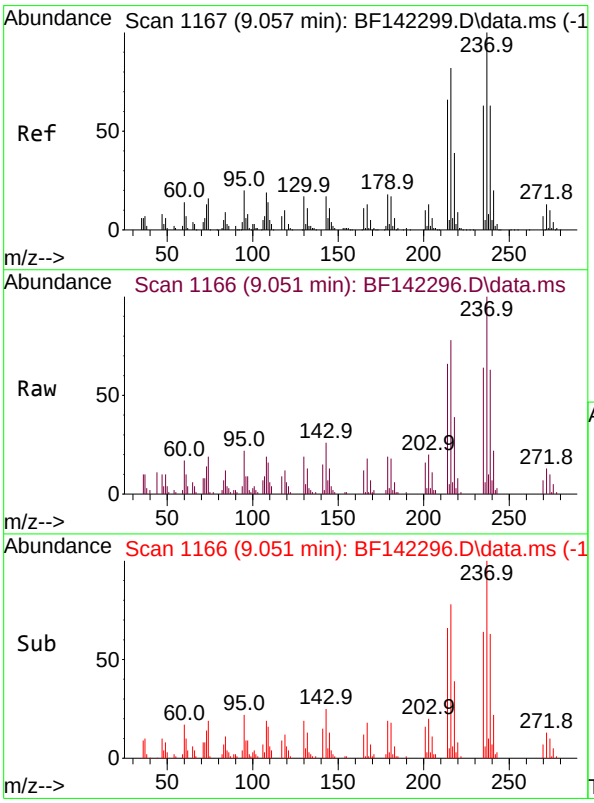
Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.8	95.6
179	22.1	17.0	25.6
108	18.4	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

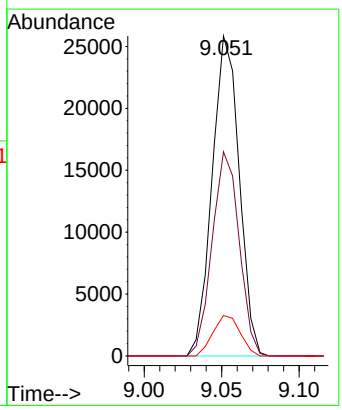
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

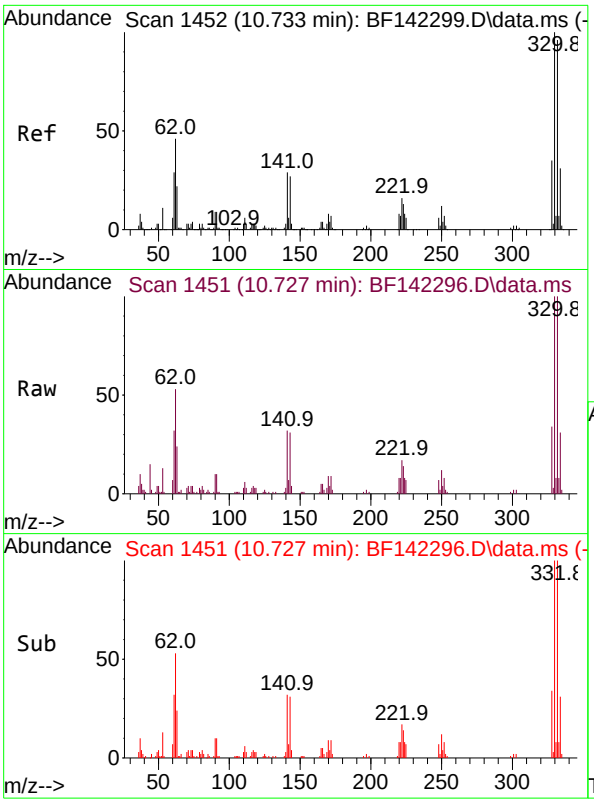


#41
Hexachlorocyclopentadiene
Concen: 4.140 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:237 Resp: 31389

Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.8	82.8
272	12.7	0.0	33.0

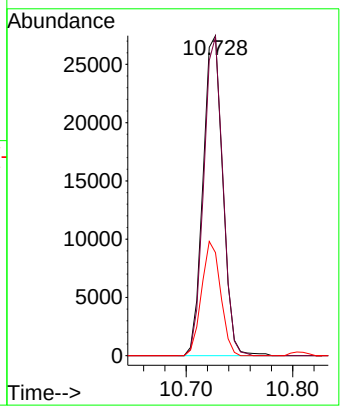




#42
2,4,6-Tribromophenol
Concen: 8.322 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:330 Resp: 3529

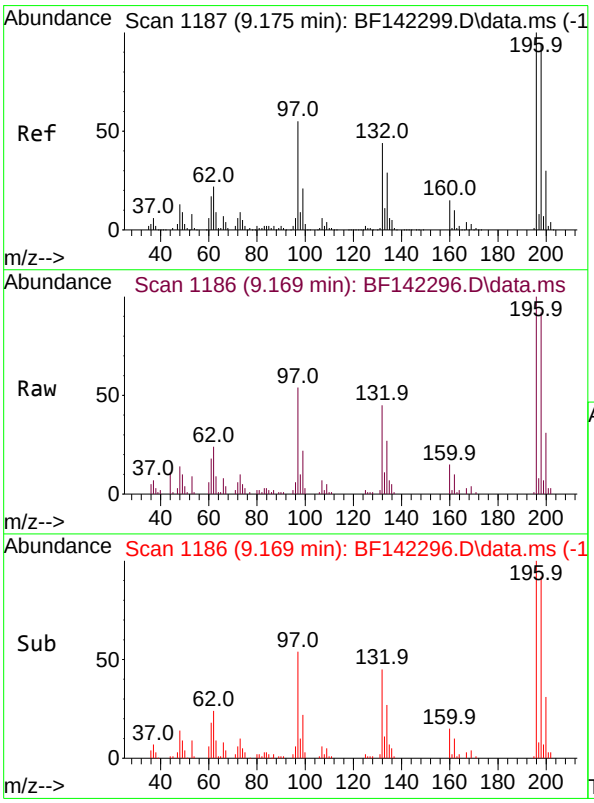
Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.6	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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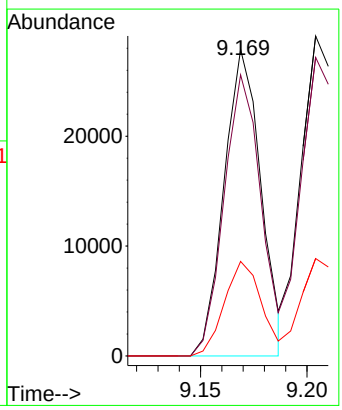
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

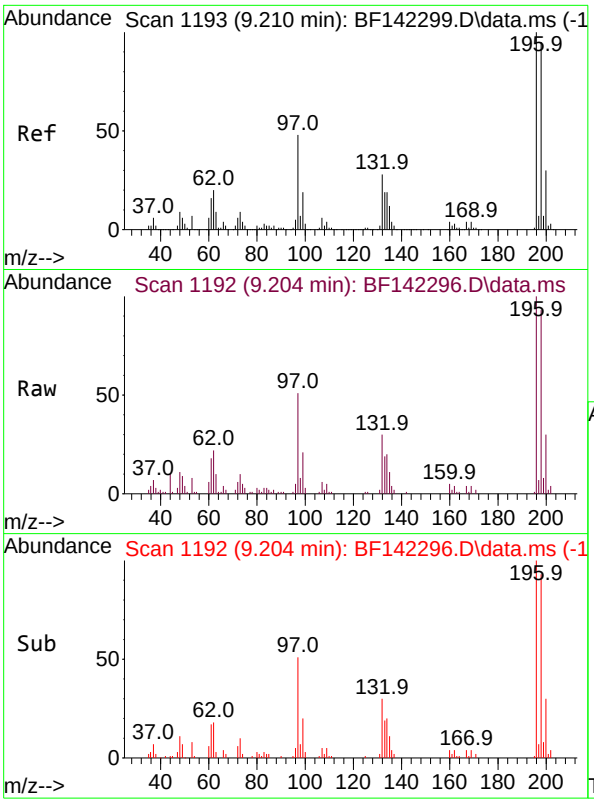


#43
2,4,6-Trichlorophenol
Concen: 4.346 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:196 Resp: 33630

Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.4	113.0
200	30.8	24.3	36.5

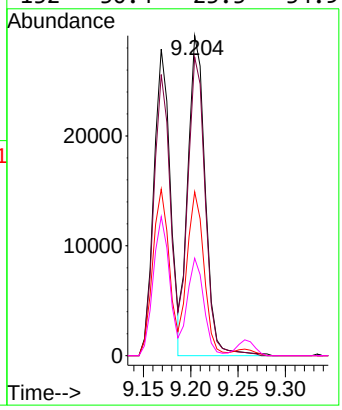




#44
2,4,5-Trichlorophenol
Concen: 4.522 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:196 Resp: 3723

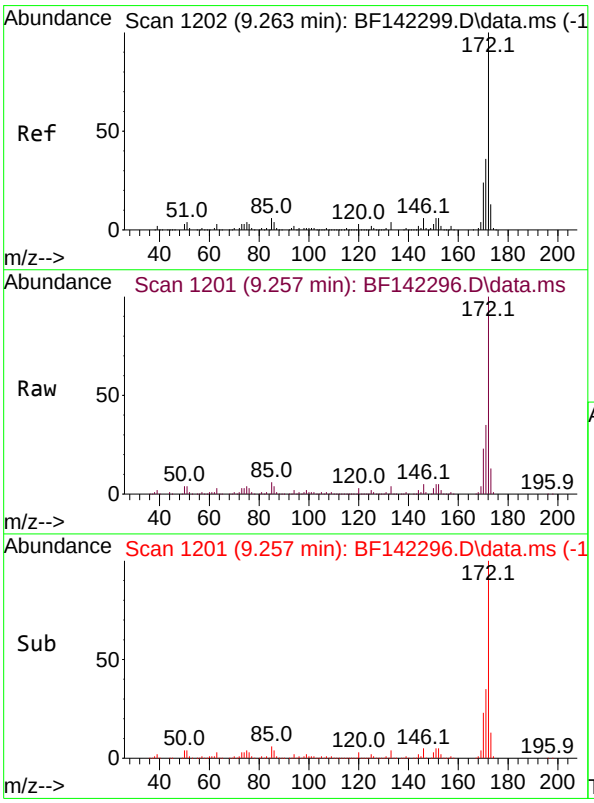
Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.1	114.1
97	51.2	39.0	58.4
132	30.4	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

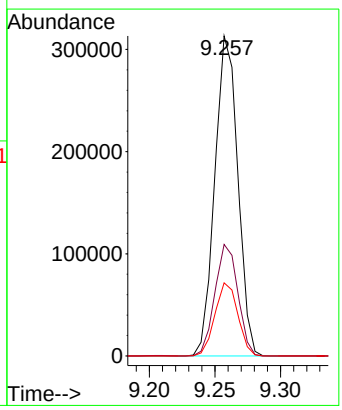
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

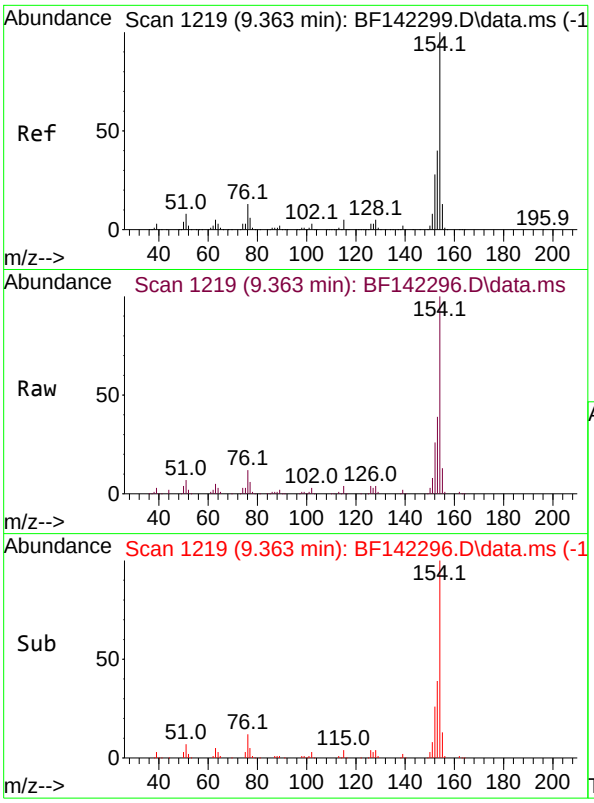


#45
2-Fluorobiphenyl
Concen: 12.383 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:172 Resp: 381508

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	22.8	19.0	28.4

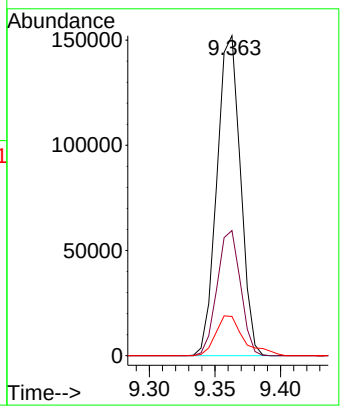




#46
1,1'-Biphenyl
Concen: 5.631 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:154 Resp: 18966

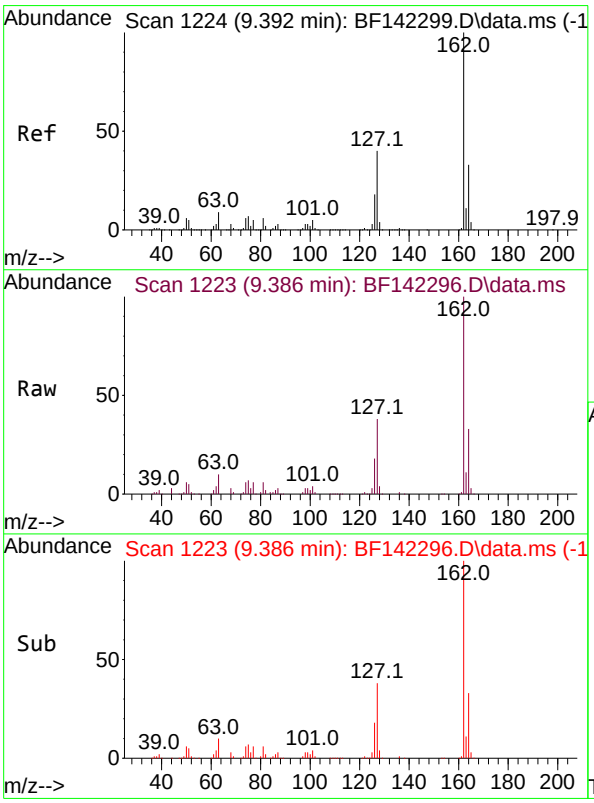
Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.5	60.5
76	12.3	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

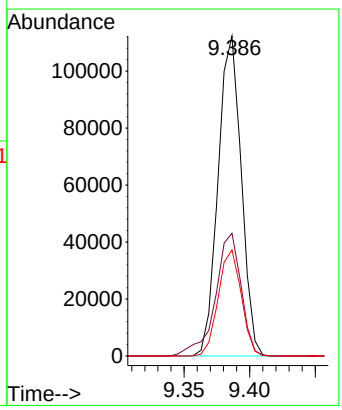
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

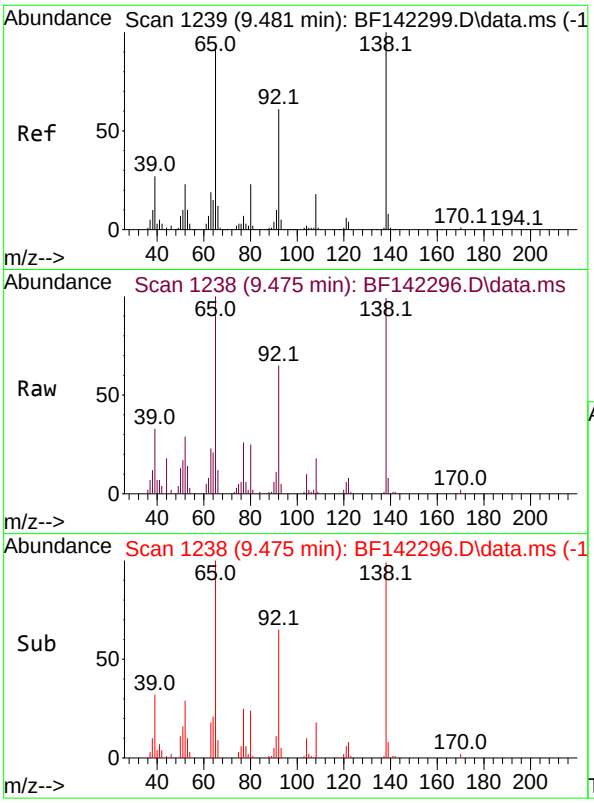


#47
2-Chloronaphthalene
Concen: 5.506 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:162 Resp: 137929

Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.3	48.5
164	33.2	26.6	40.0

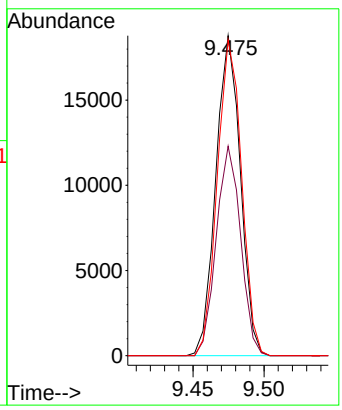




#48
2-Nitroaniline
Concen: 3.510 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 65 Resp: 2253

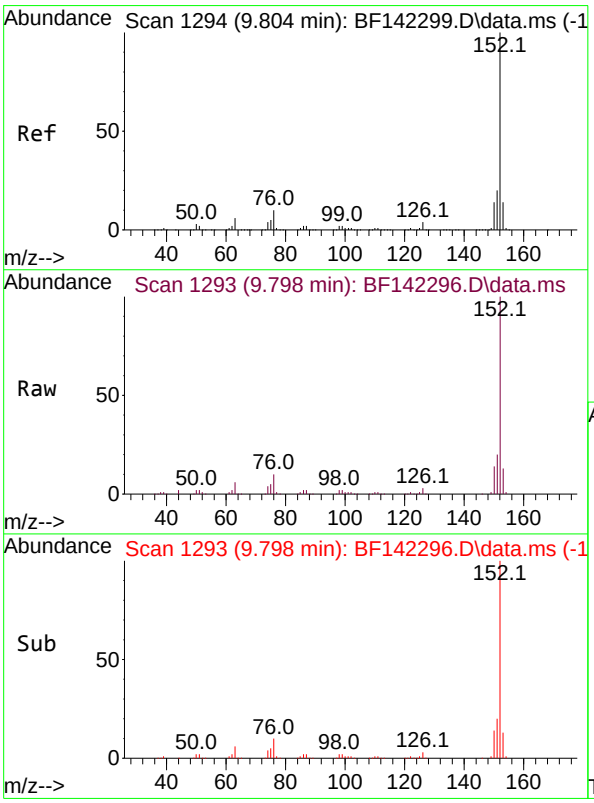
Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.3	78.5
138	98.7	85.6	128.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

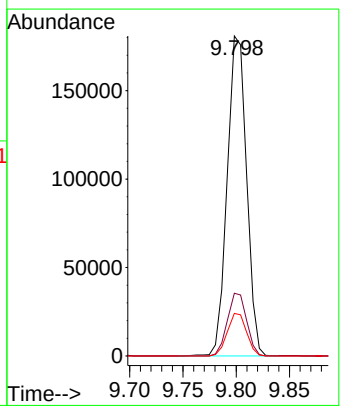
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

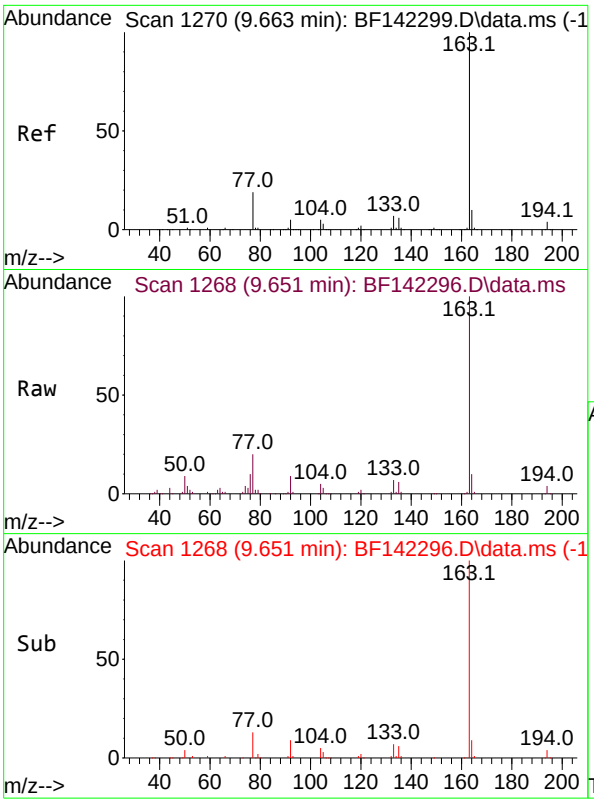


#49
Acenaphthylene
Concen: 5.460 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:152 Resp: 228773

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.3	10.8	16.2

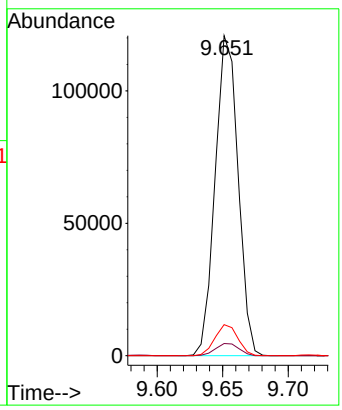




#50
Dimethylphthalate
Concen: 5.208 ng
RT: 9.651 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:163 Resp: 14691

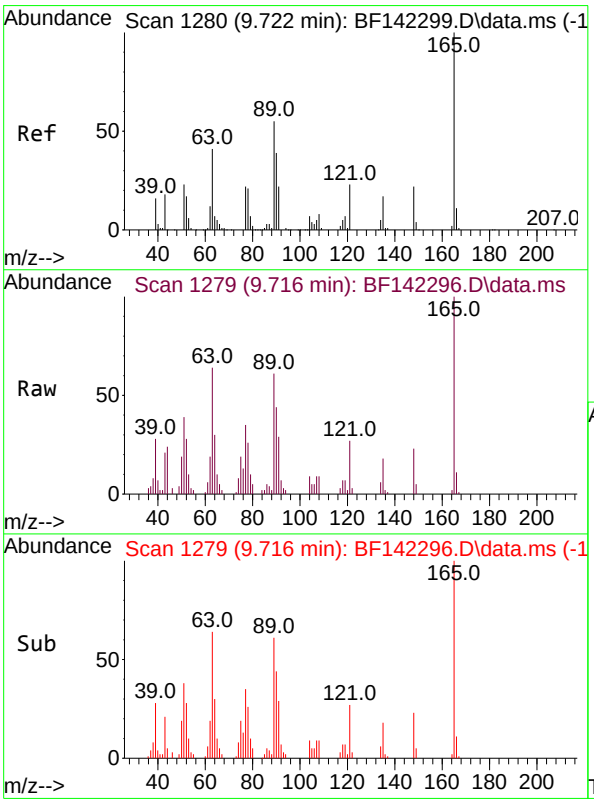
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

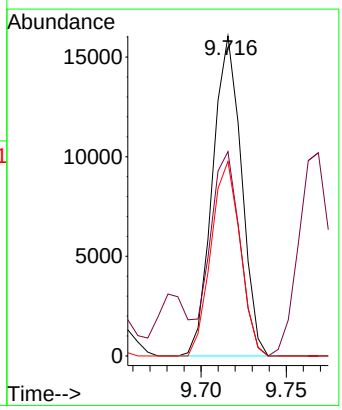
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

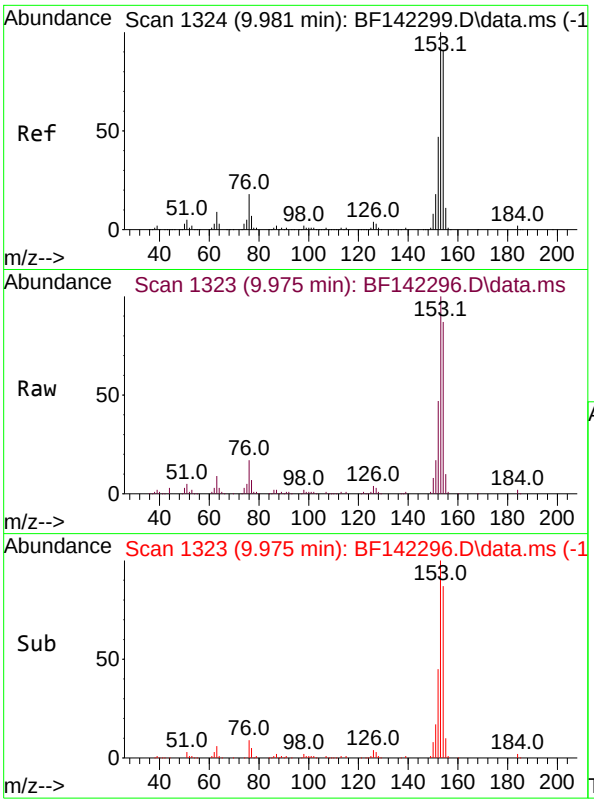


#51
2,6-Dinitrotoluene
Concen: 3.586 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:165 Resp: 18933

Ion	Ratio	Lower	Upper
165	100		
63	63.8	49.5	74.3
89	60.8	44.6	66.8

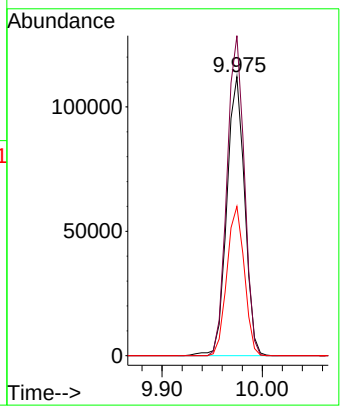




#52
Acenaphthene
Concen: 5.492 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:154 Resp: 13837

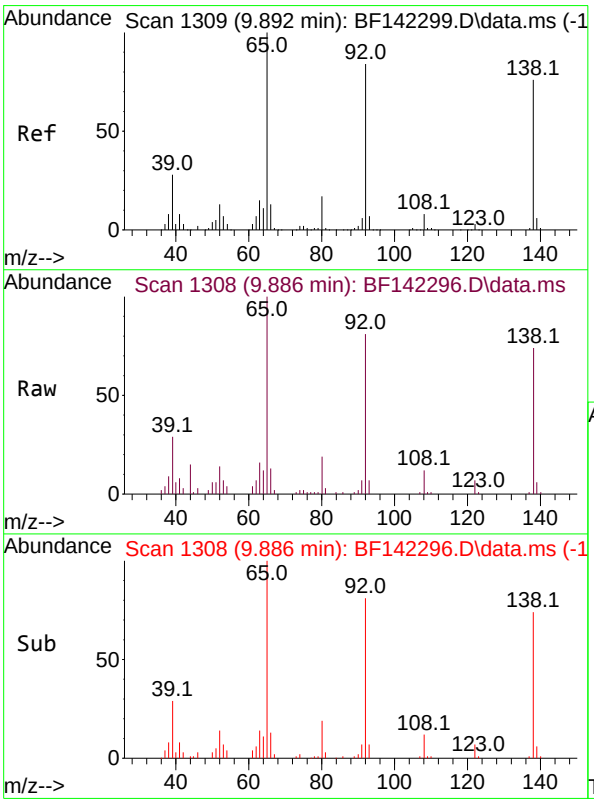
Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.0	132.0
152	53.5	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

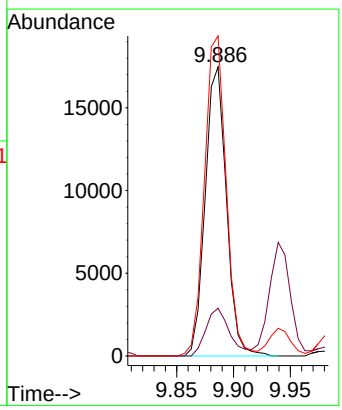
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

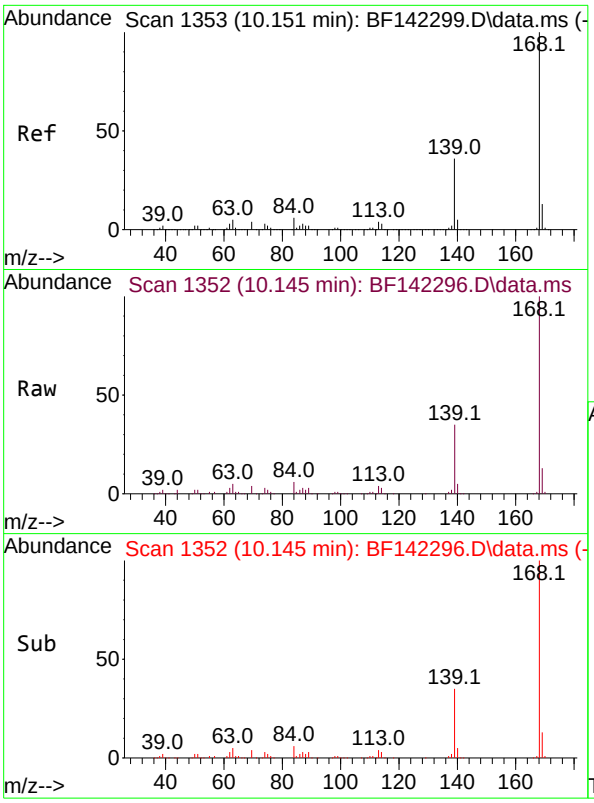


#53
3-Nitroaniline
Concen: 3.659 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:138 Resp: 22656

Ion	Ratio	Lower	Upper
138	100		
108	16.5	8.7	13.1#
92	110.7	89.5	134.3

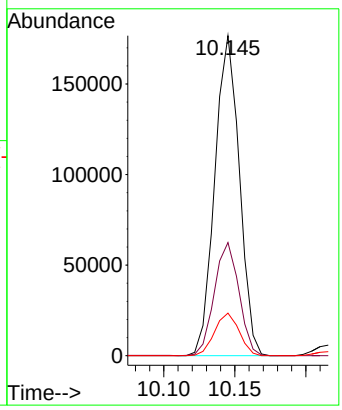




#55
Dibenzofuran
Concen: 5.706 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:168 Resp: 21219

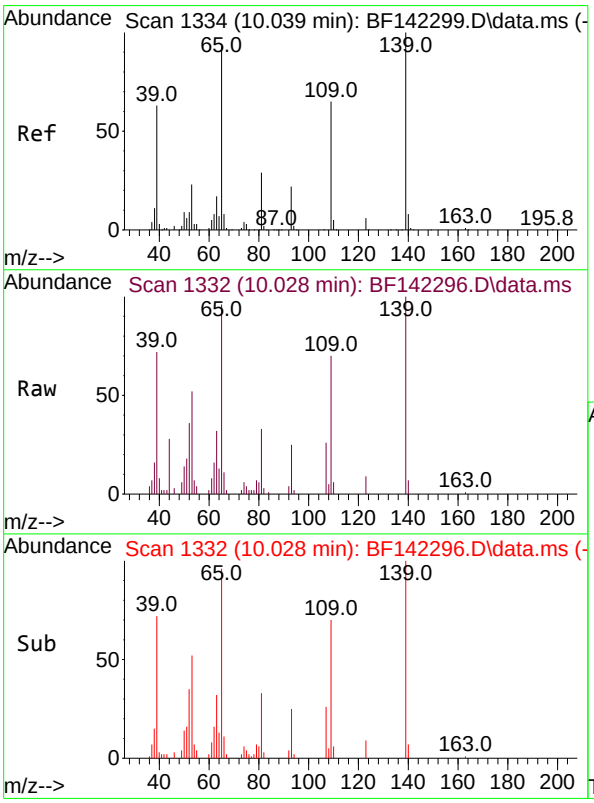
Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.0	43.4
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

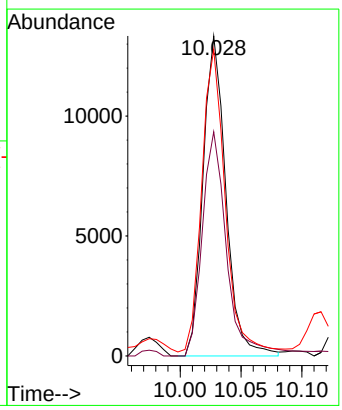
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

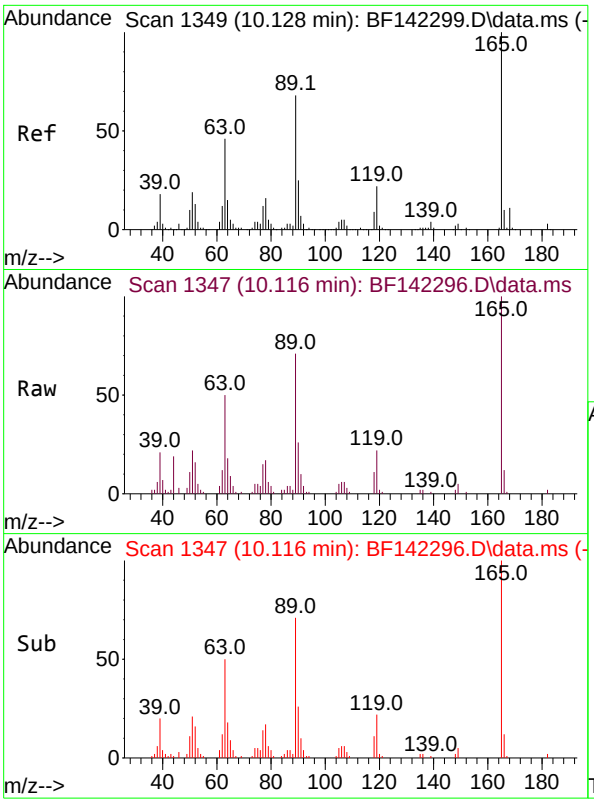


#56
4-Nitrophenol
Concen: 3.743 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:139 Resp: 17445

Ion	Ratio	Lower	Upper
139	100		
109	70.1	45.3	85.3
65	95.8	73.9	113.9

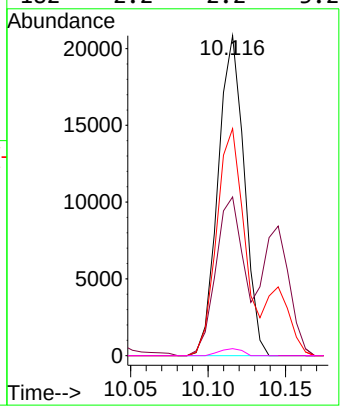




#57
2,4-Dinitrotoluene
Concen: 3.605 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:165 Resp: 2441

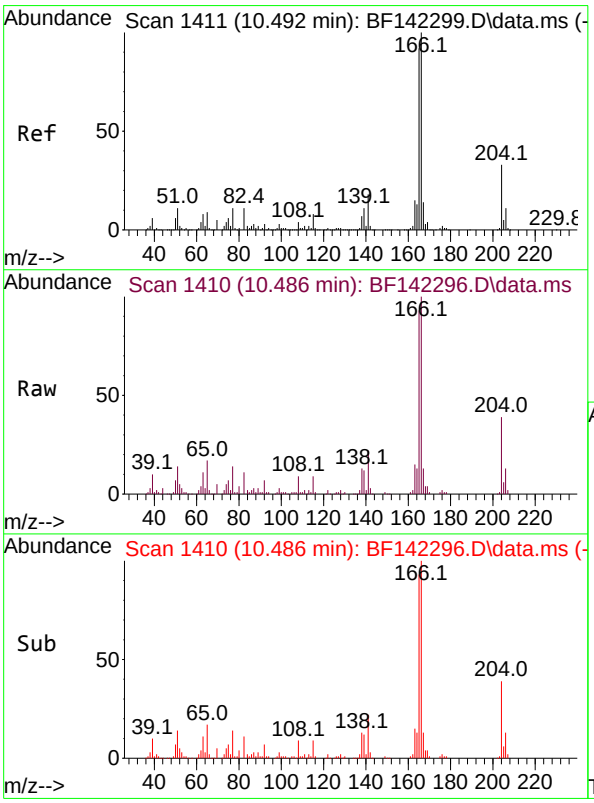
Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.1	55.7
89	71.0	54.4	81.6
182	2.2	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

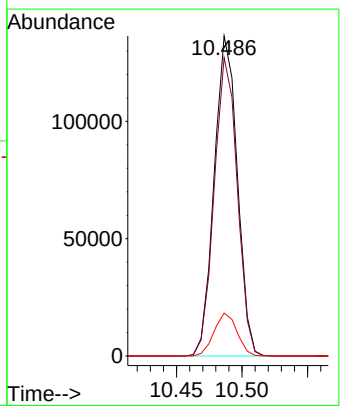
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

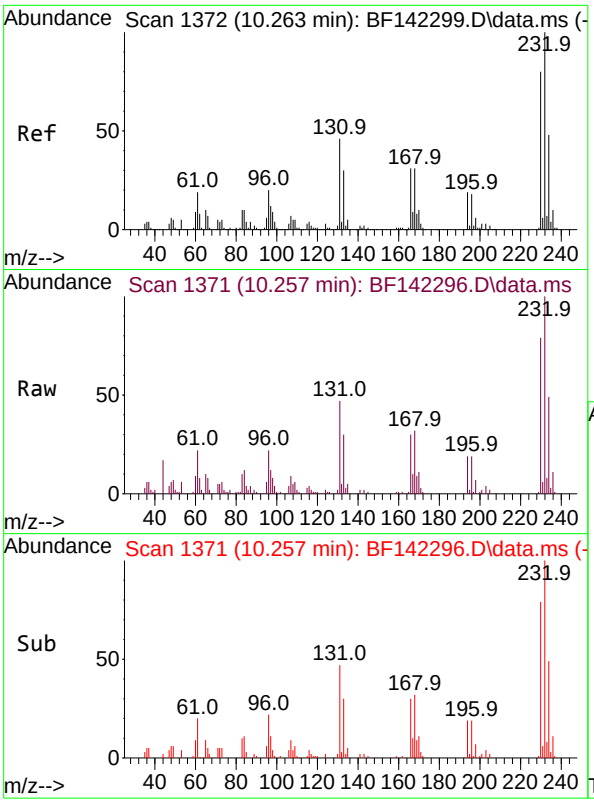


#58
Fluorene
Concen: 5.886 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:166 Resp: 167029

Ion	Ratio	Lower	Upper
166	100		
165	93.2	74.0	111.0
167	13.4	10.9	16.3

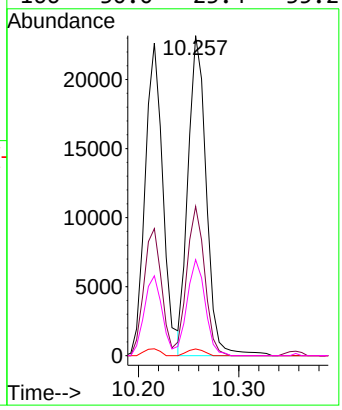




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.301 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:232 Resp: 2923

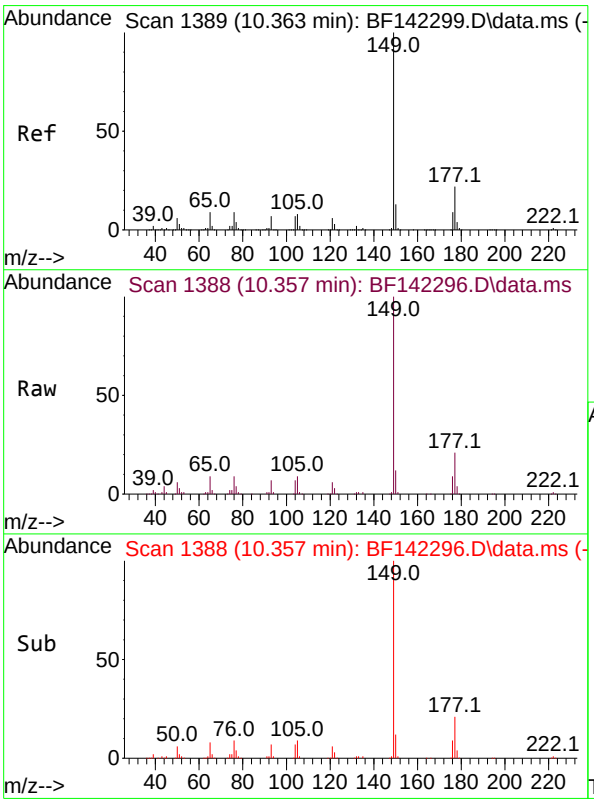
Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.0	54.0
130	1.9	1.8	2.6
166	30.0	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

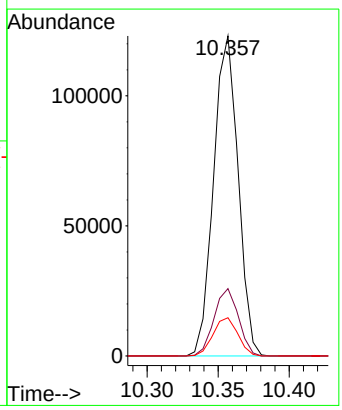
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

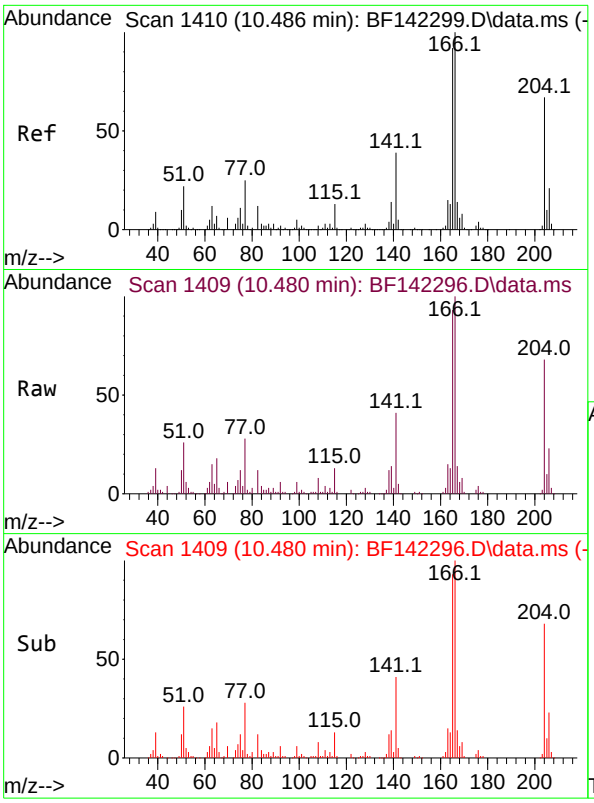


#60
Diethylphthalate
Concen: 5.241 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 147649

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.6	26.4
150	12.0	10.1	15.1

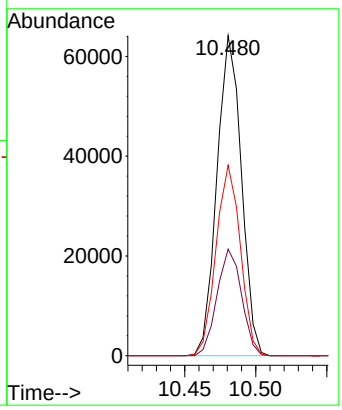




#61
4-Chlorophenyl-phenylether
Concen: 5.608 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:204 Resp: 7678

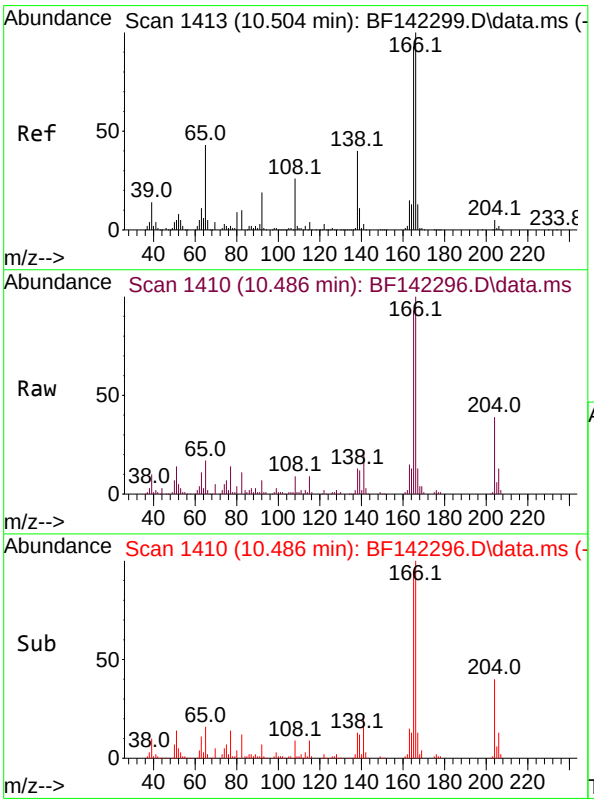
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.5	38.3
141	59.5	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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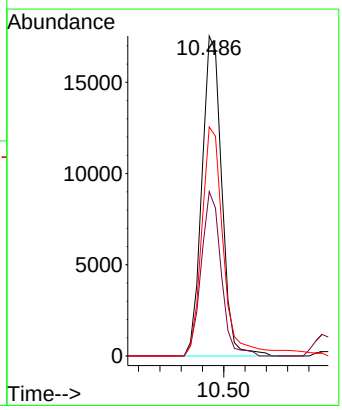
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

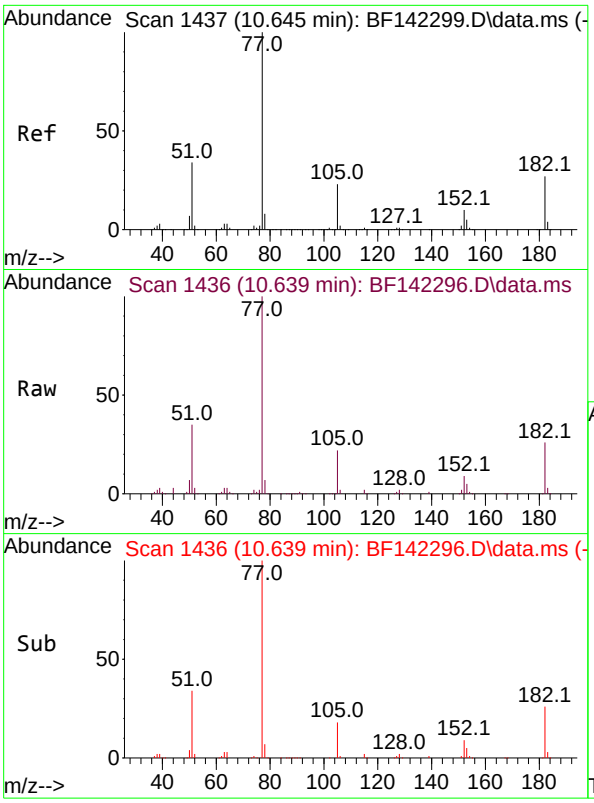


#62
4-Nitroaniline
Concen: 4.632 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:138 Resp: 22736

Ion	Ratio	Lower	Upper
138	100		
92	51.4	27.3	67.3
108	71.6	45.1	85.1

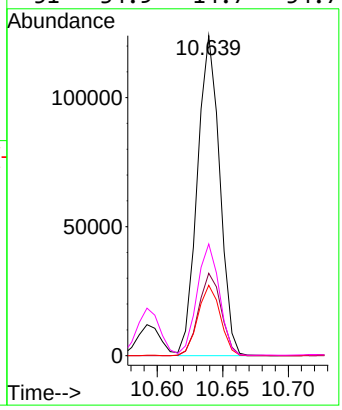




#63
Azobenzene
Concen: 5.460 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion: 77 Resp: 14696

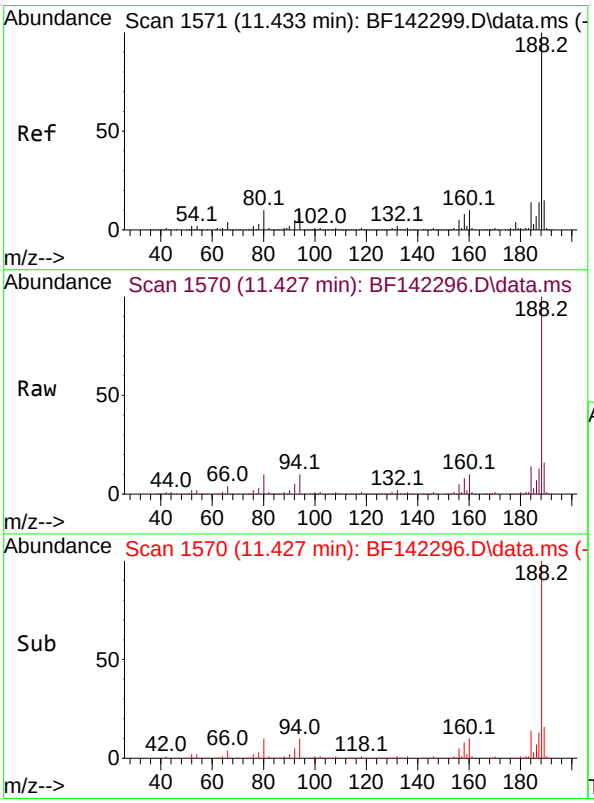
Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.9	46.9
105	22.0	2.7	42.7
51	34.9	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

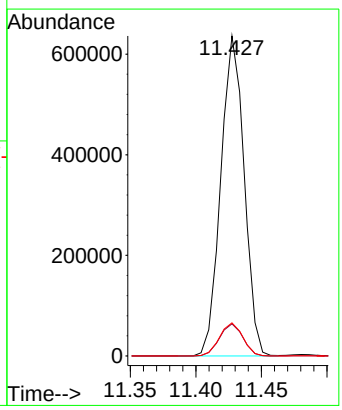
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

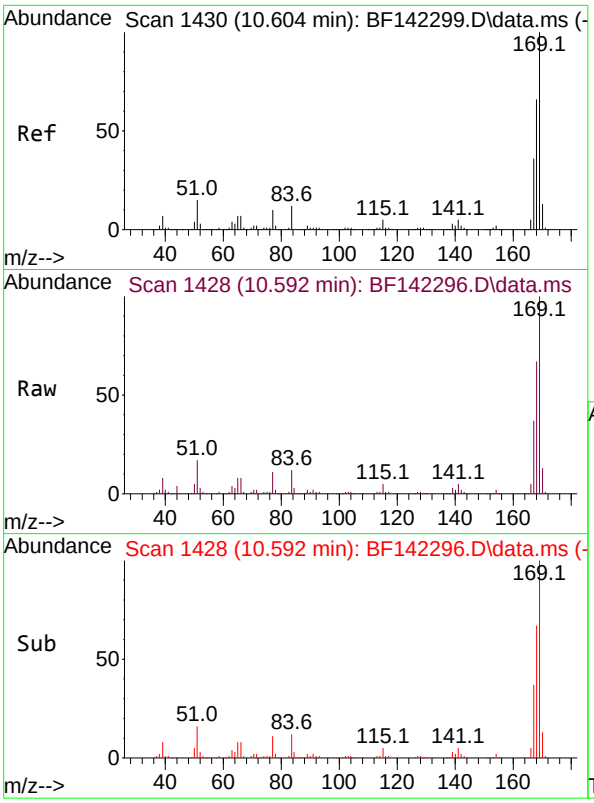


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:188 Resp: 788007

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.4	7.9	11.9

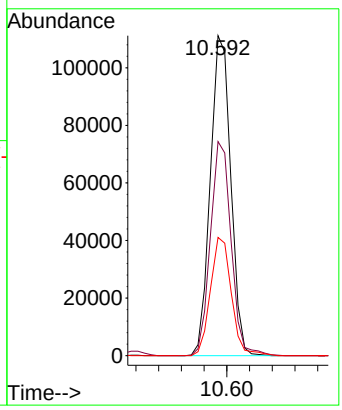




#66
n-Nitrosodiphenylamine
Concen: 5.286 ng
RT: 10.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:169 Resp: 13860

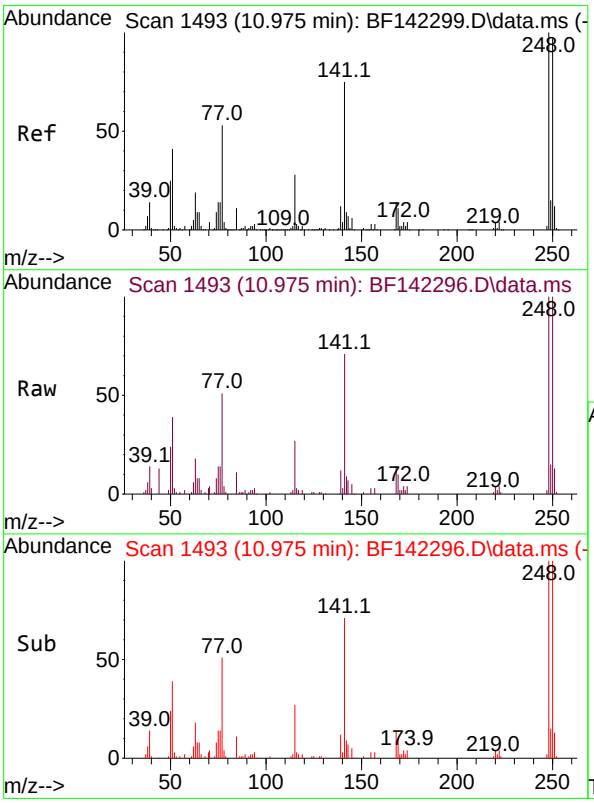
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.9	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

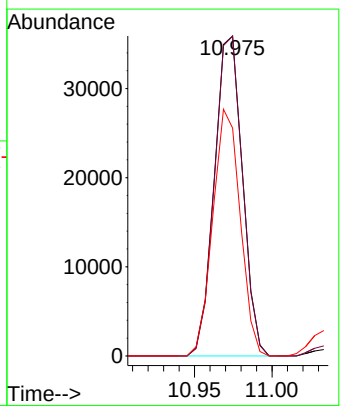
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

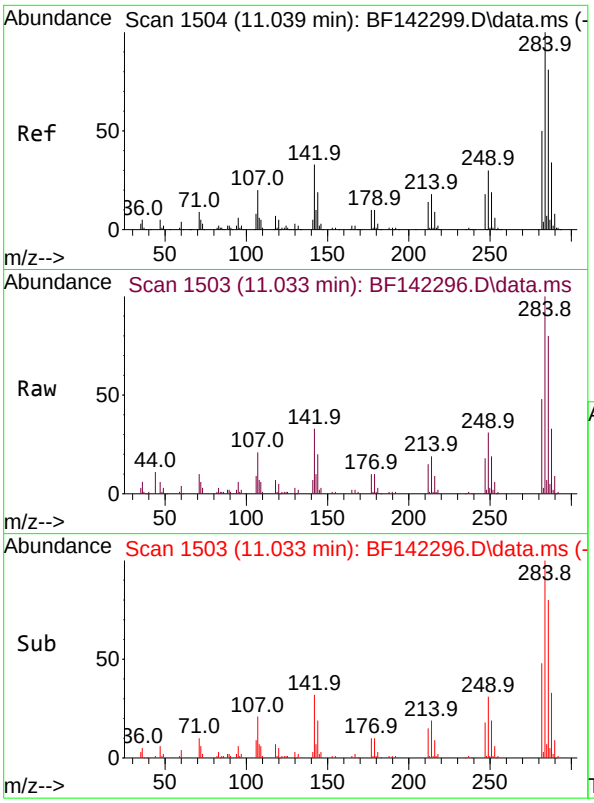


#67
4-Bromophenyl-phenylether
Concen: 5.072 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:248 Resp: 45301

Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.9	116.9
141	71.2	59.8	89.8

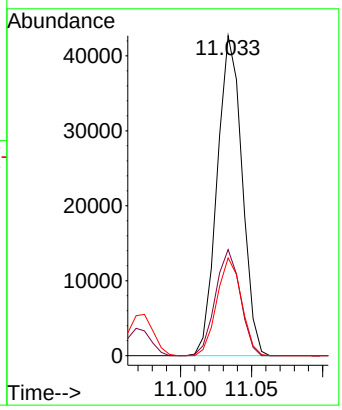




#68
Hexachlorobenzene
Concen: 5.291 ng
RT: 11.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:284 Resp: 5197

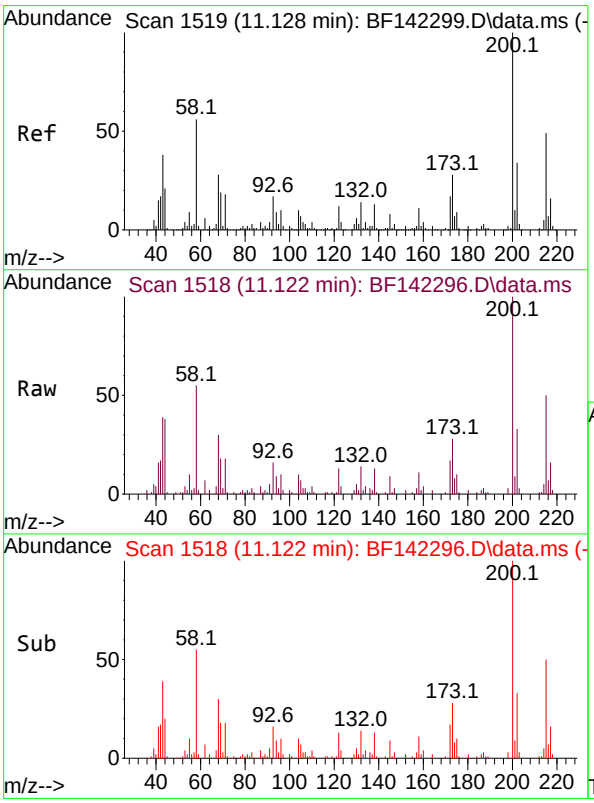
Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.6	39.8
249	30.6	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

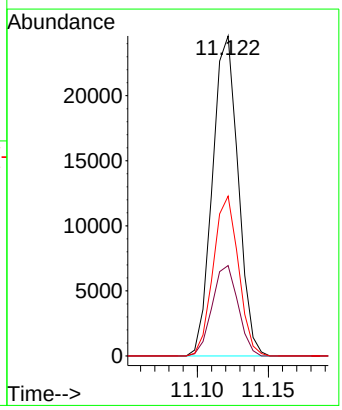
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

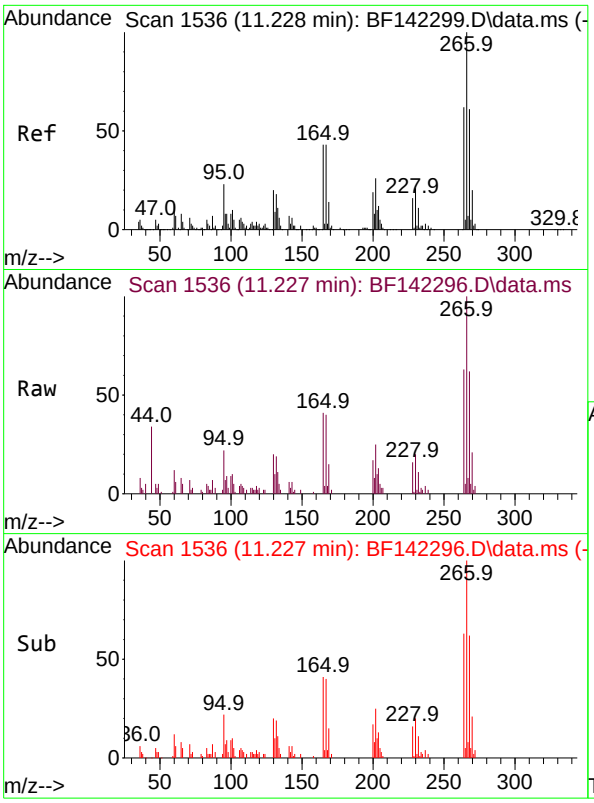


#69
Atrazine
Concen: 4.472 ng
RT: 11.122 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:200 Resp: 30914

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	49.9	28.8	68.8





#70
Pentachlorophenol
Concen: 3.599 ng
RT: 11.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

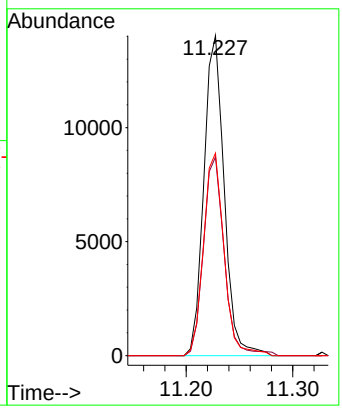
Tgt Ion:266 Resp: 1859

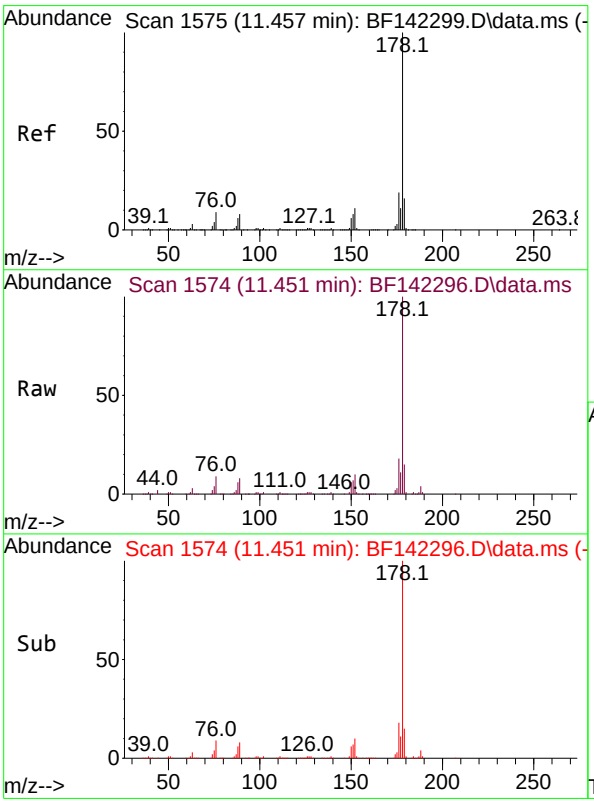
Ion	Ratio	Lower	Upper
266	100		
268	62.1	48.7	73.1
264	63.3	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

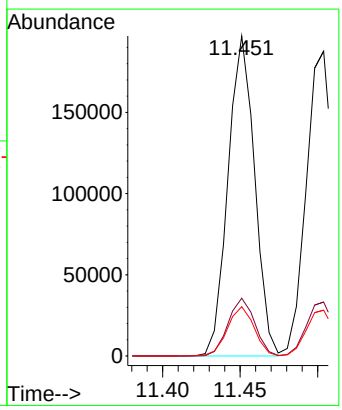


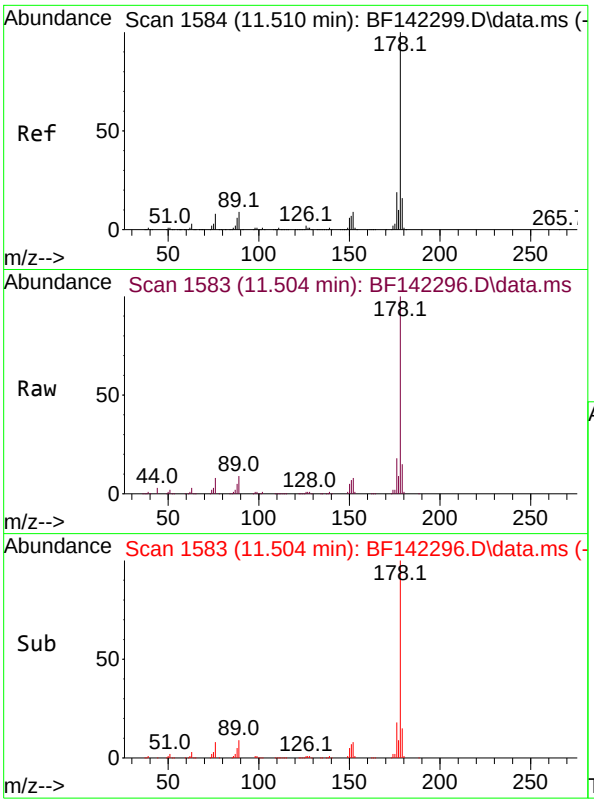


#71
Phenanthrene
Concen: 5.692 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:178 Resp: 235107

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	15.4	12.6	18.8

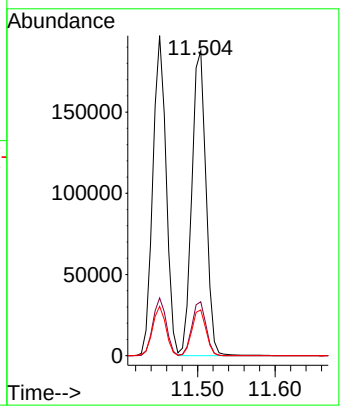




#72
Anthracene
Concen: 5.616 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:178 Resp: 23834

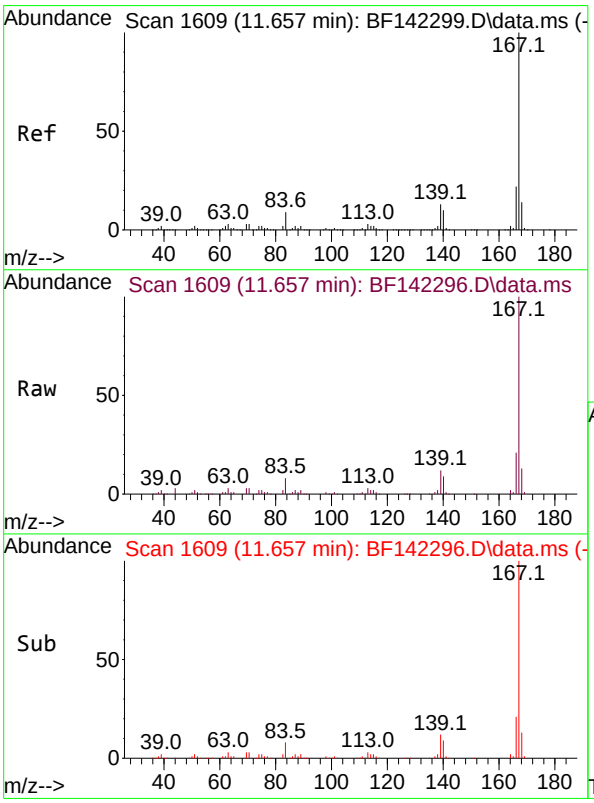
Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.3	22.9
179	15.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

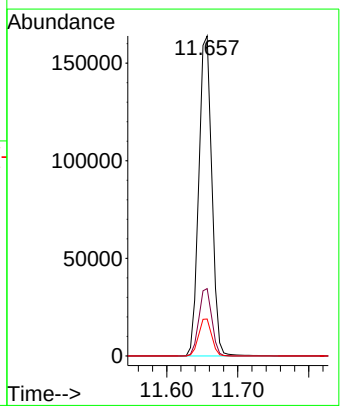
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

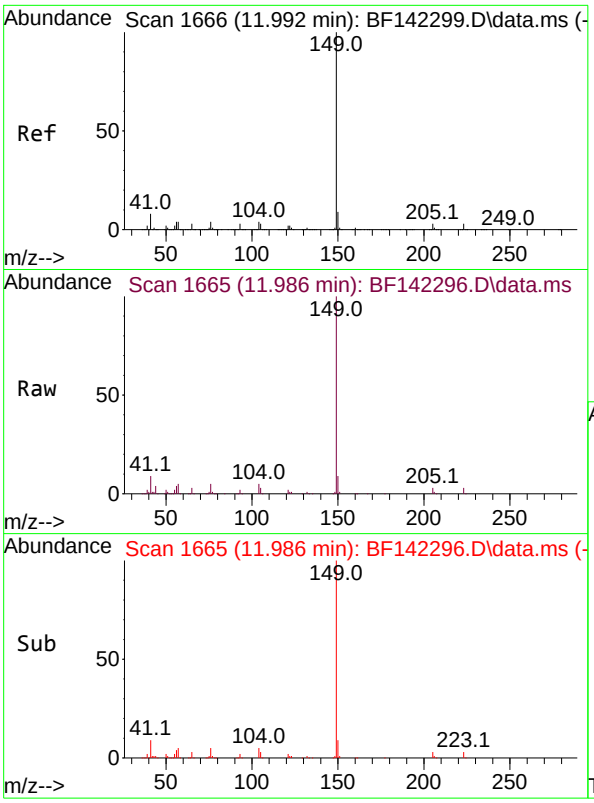


#73
Carbazole
Concen: 5.512 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:167 Resp: 209878

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	11.5	10.3	15.5

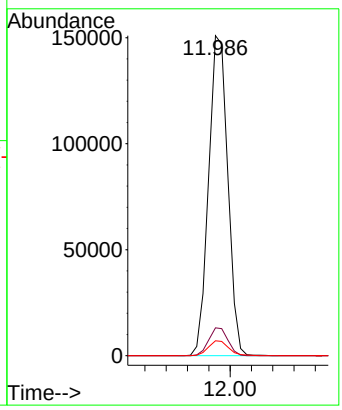




#74
Di-n-butylphthalate
Concen: 4.707 ng
RT: 11.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 18846

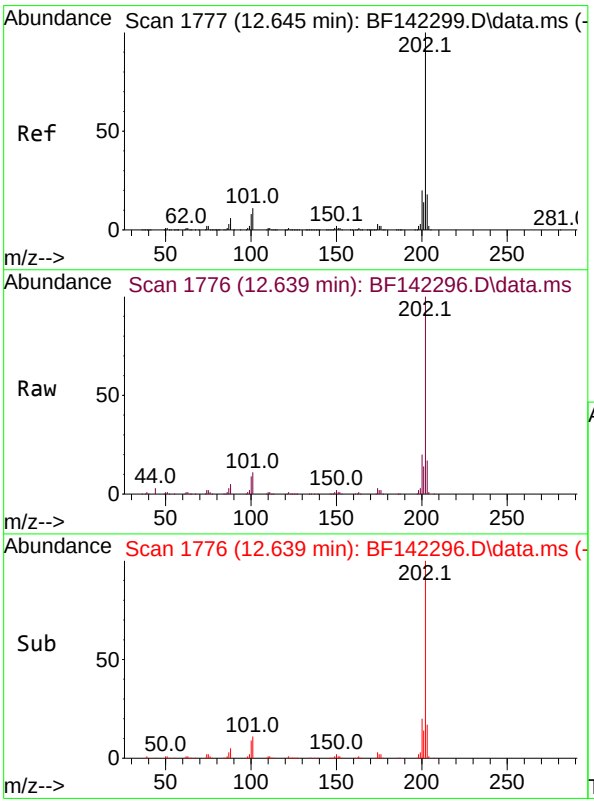
Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	4.7	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

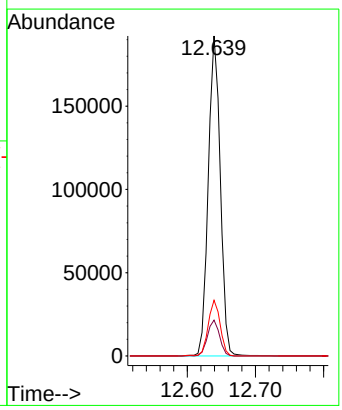
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

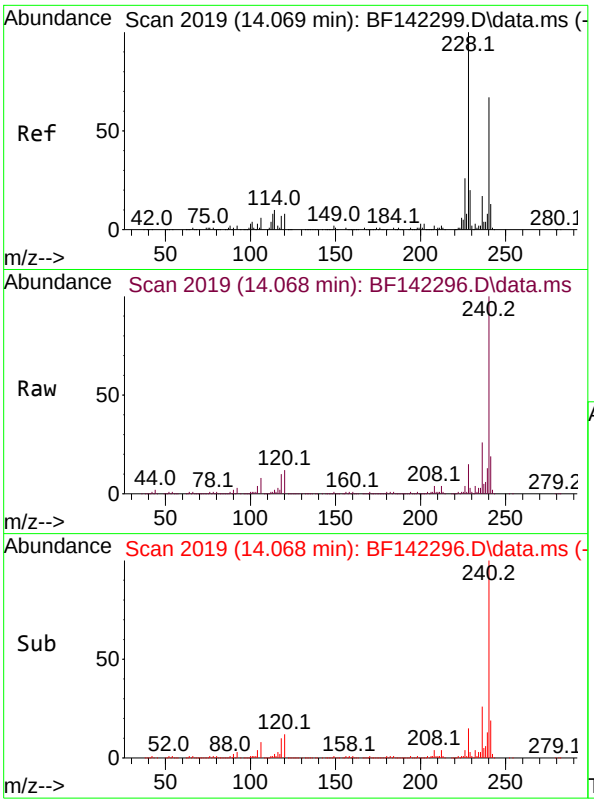


#75
Fluoranthene
Concen: 5.716 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:202 Resp: 236016

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.4	0.0	37.9

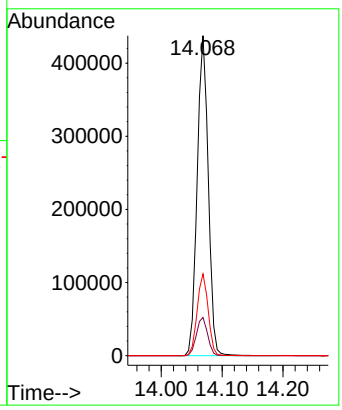




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:240 Resp: 55367

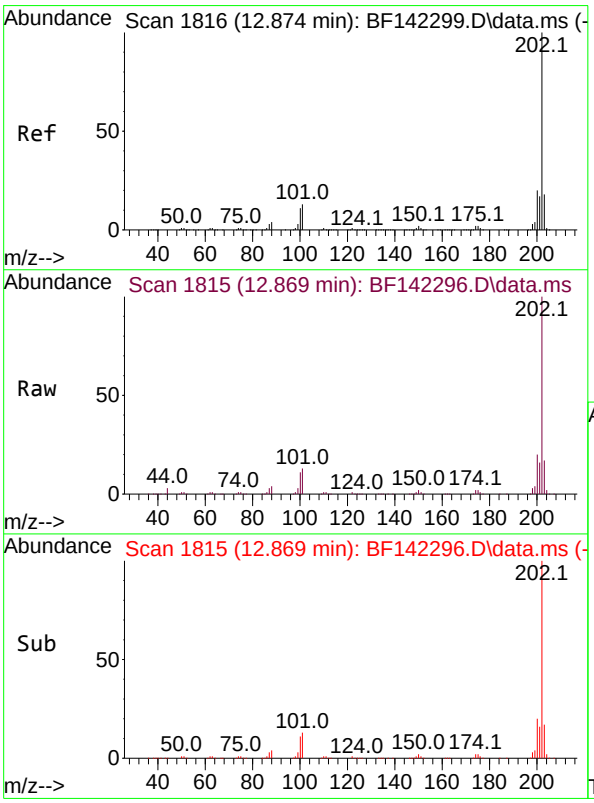
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.7	14.5
236	25.5	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

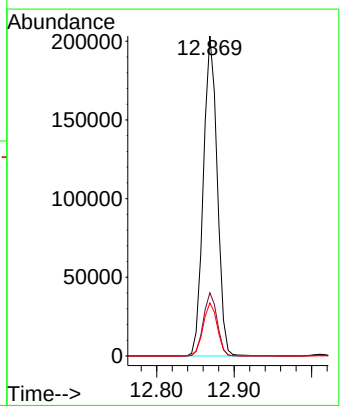
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

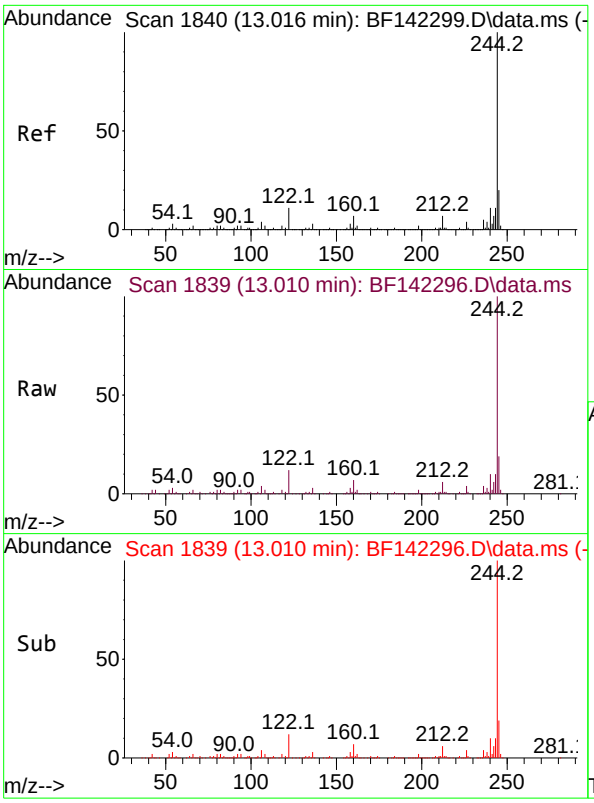


#78
Pyrene
Concen: 5.118 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:202 Resp: 252238

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.2	24.4
203	16.6	14.3	21.5

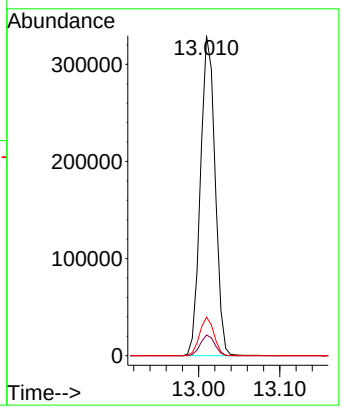




#79
Terphenyl-d14
Concen: 11.049 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:244 Resp: 41331

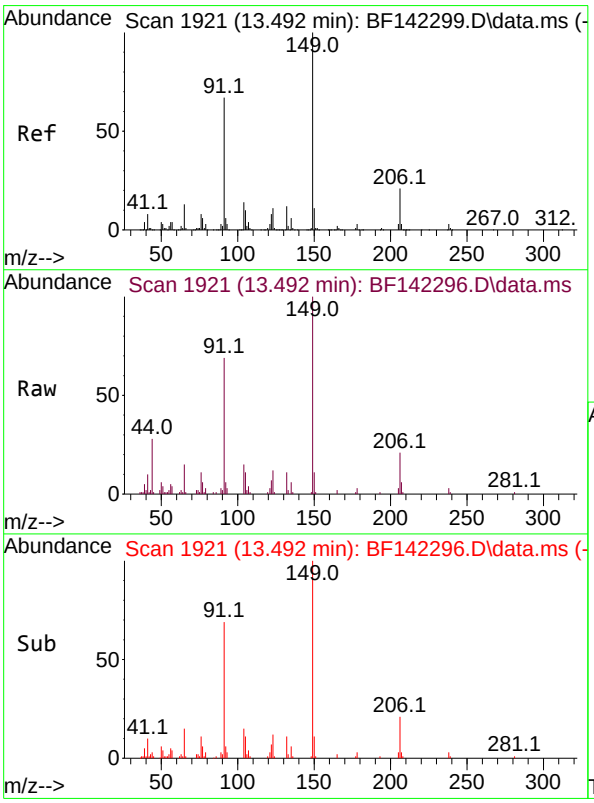
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	12.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

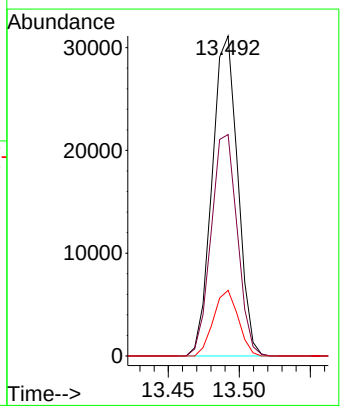
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

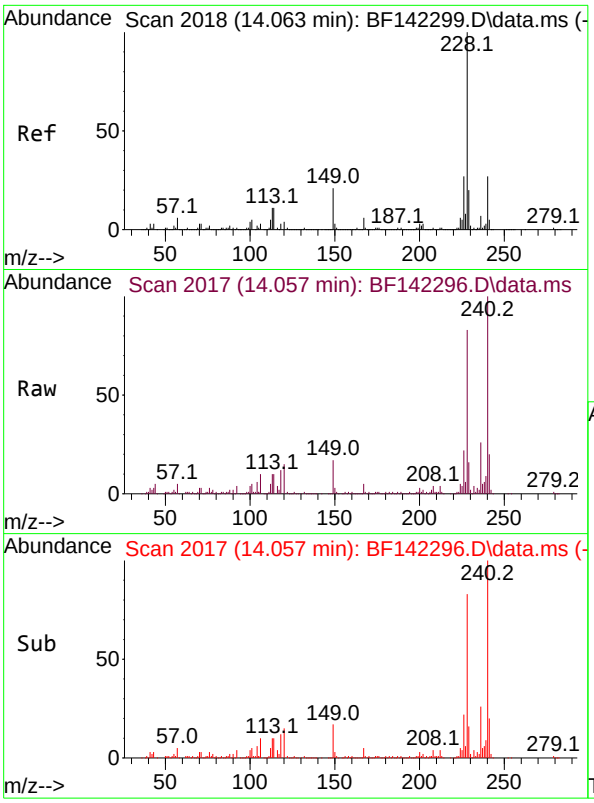


#80
Butylbenzylphthalate
Concen: 6.169 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 39082

Ion	Ratio	Lower	Upper
149	100		
91	69.2	53.8	80.6
206	20.5	16.6	24.8





#81
Benzo(a)anthracene
Concen: 5.289 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

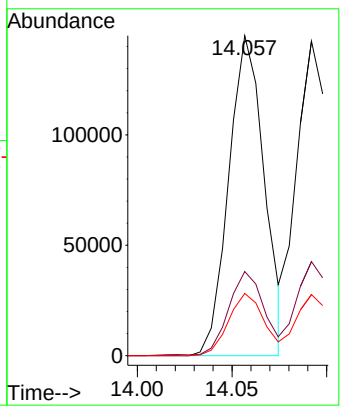
Tgt Ion:228 Resp: 18965

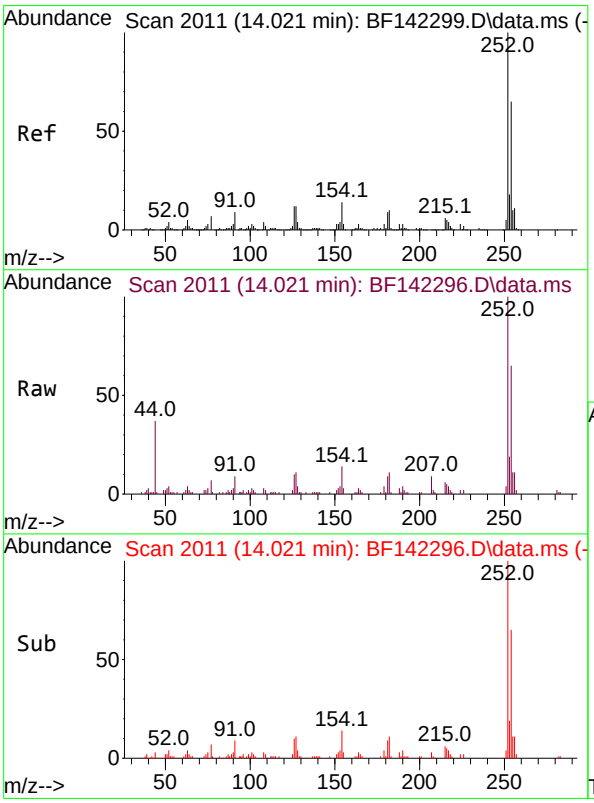
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.5	32.3
229	19.4	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

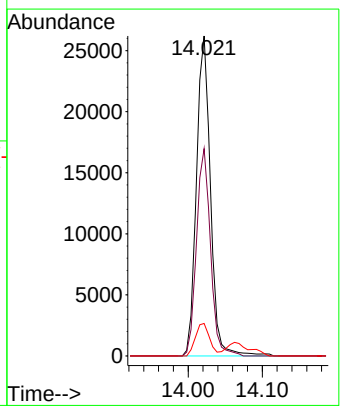


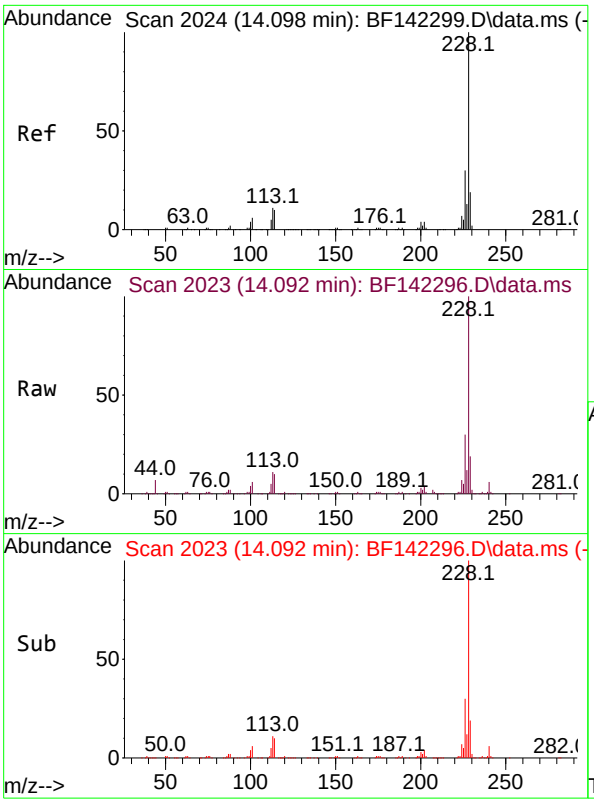


#82
3,3'-Dichlorobenzidine
Concen: 4.143 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 34544

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	10.1	9.7	14.5

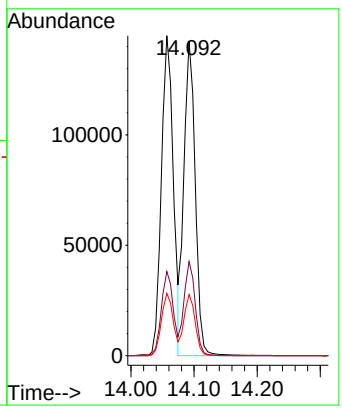




#83
Chrysene
Concen: 5.365 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:228 Resp: 17908

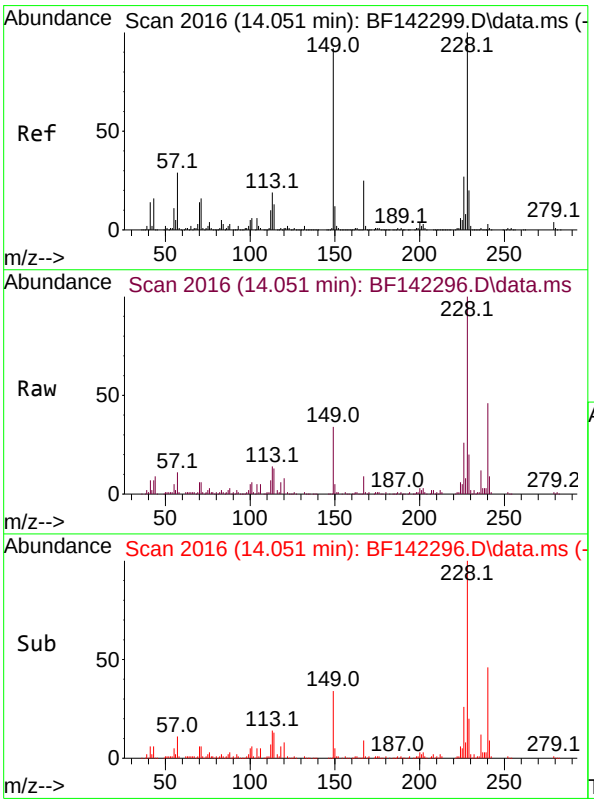
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.4	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

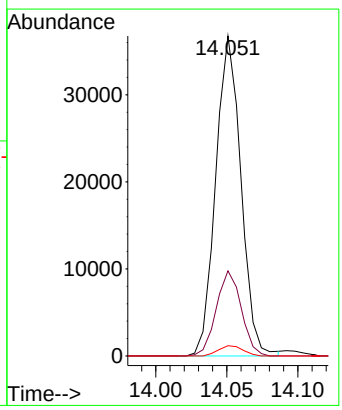
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

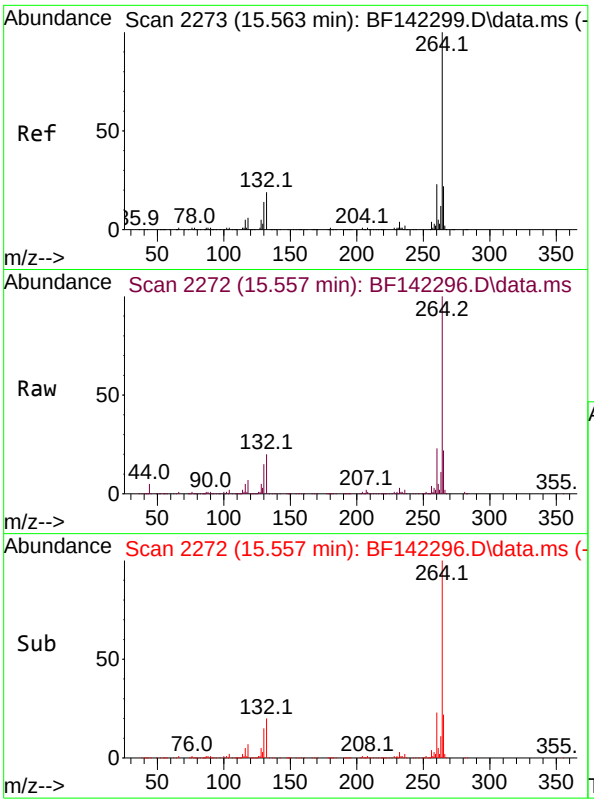


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.444 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:149 Resp: 45343

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.0	33.0
279	3.2	3.0	4.6

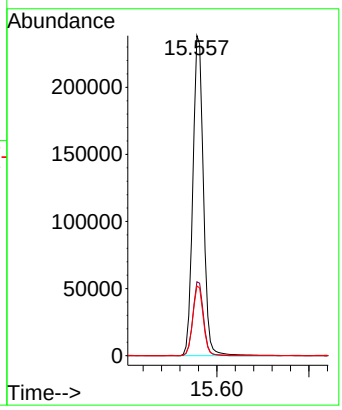




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:264 Resp: 37697

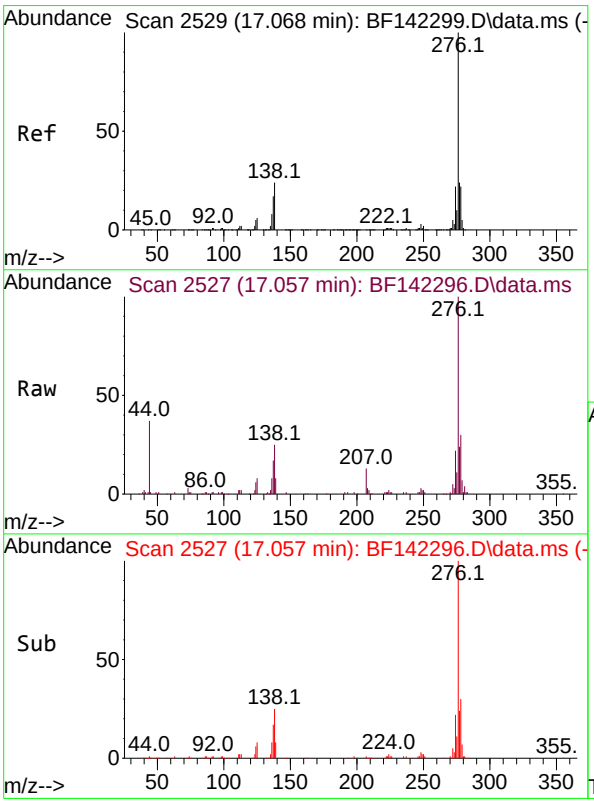
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.8	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

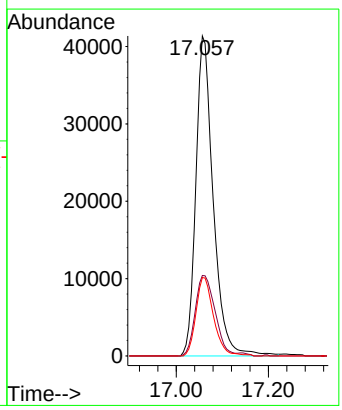
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

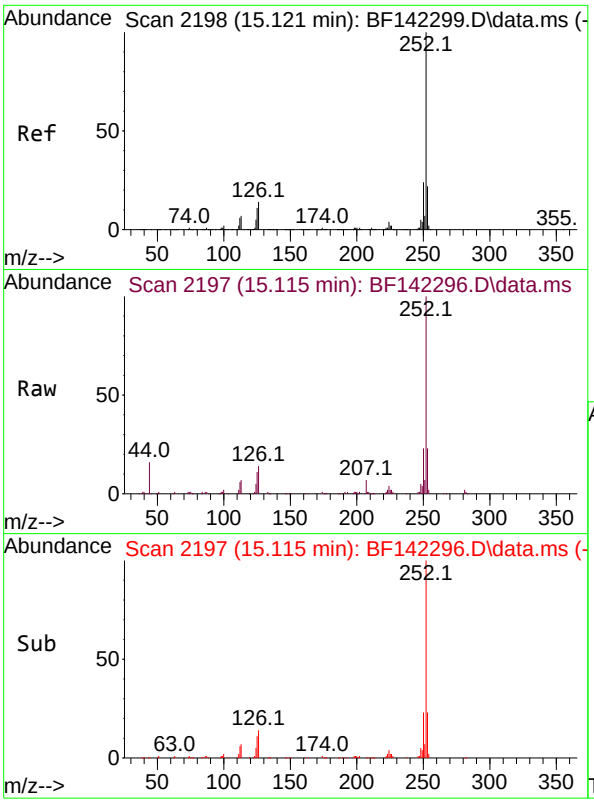


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.138 ng
RT: 17.057 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:276 Resp: 108522

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.0	33.0
277	24.9	20.1	30.1

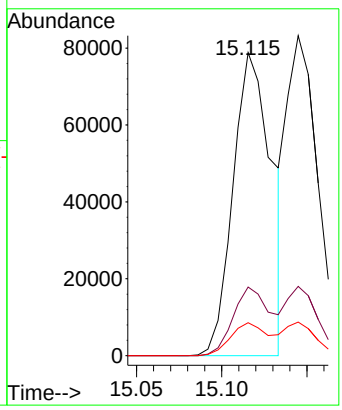




#88
Benzo(b)fluoranthene
Concen: 5.416 ng
RT: 15.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 12366

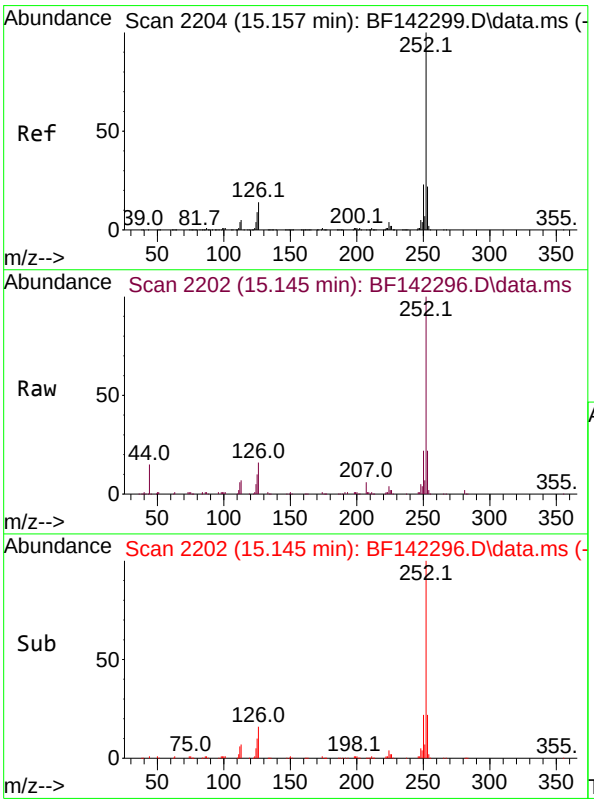
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.9	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

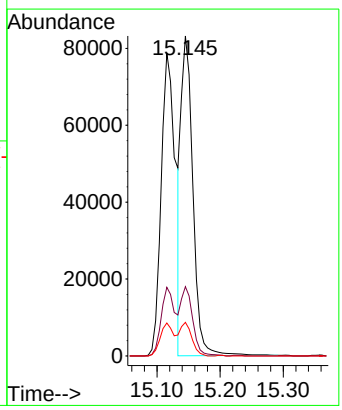
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

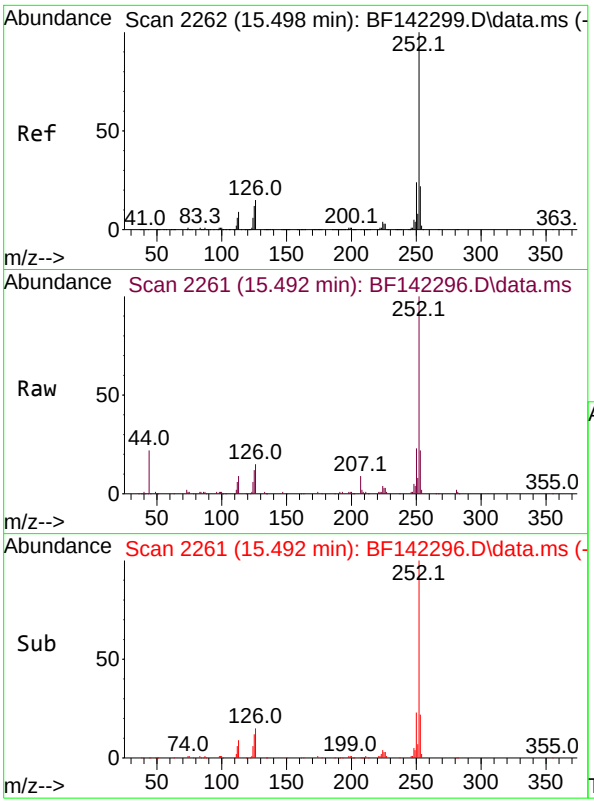


#89
Benzo(k)fluoranthene
Concen: 5.224 ng
RT: 15.145 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 109149

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.5	8.1	12.1

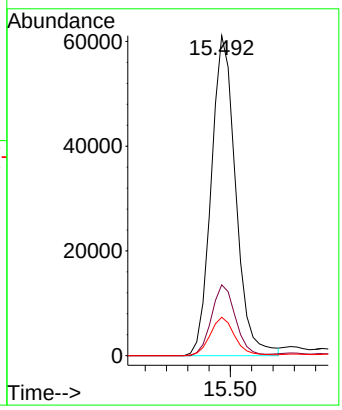




#90
Benzo(a)pyrene
Concen: 4.761 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:252 Resp: 9741

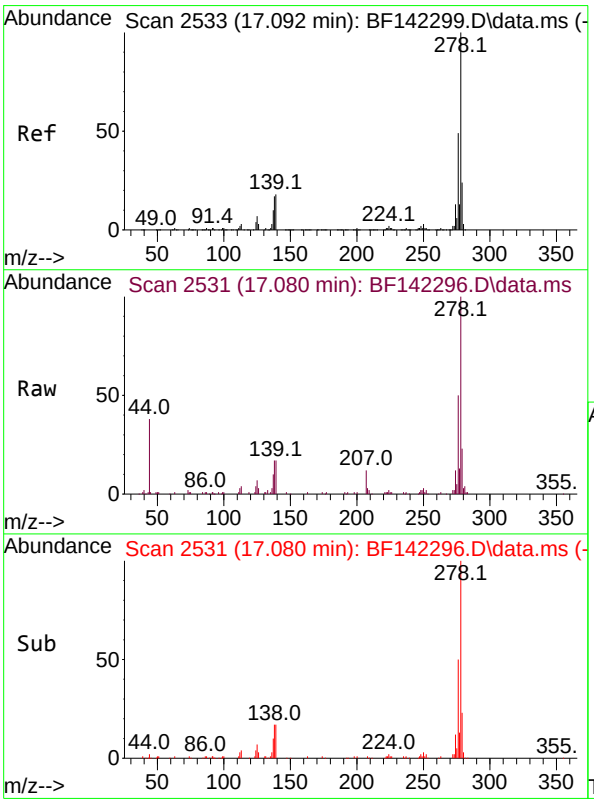
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.0	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

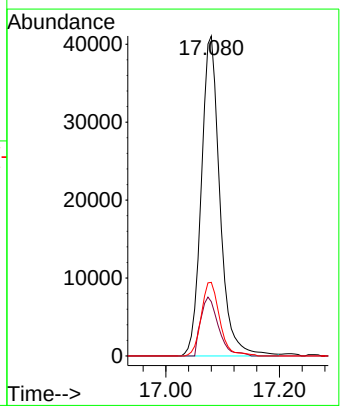
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

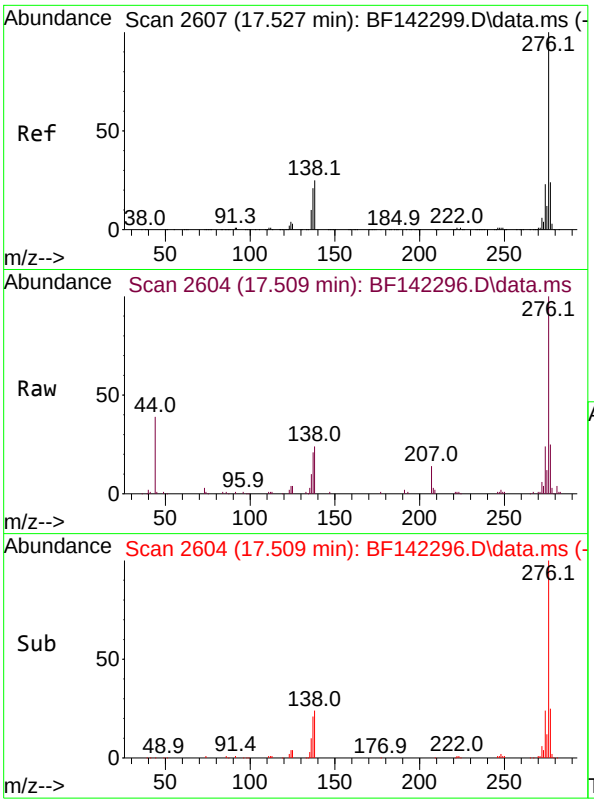


#91
Dibenzo(a,h)anthracene
Concen: 4.295 ng
RT: 17.080 min Scan# 2531
Delta R.T. -0.012 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:278 Resp: 93055

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.5	21.7
279	23.0	18.9	28.3

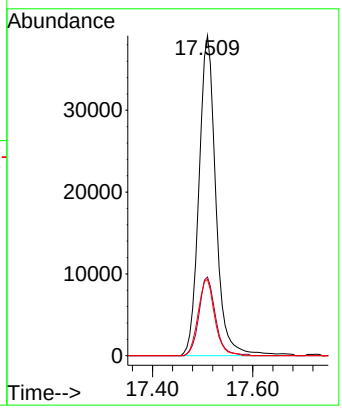




#92
Benzo(g,h,i)perylene
Concen: 4.255 ng
RT: 17.509 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142296.D
Acq: 05 May 2025 14:23

Tgt Ion:276 Resp: 9149

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	23.8	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142297.D
Acq On : 05 May 2025 14:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	212907	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	834027	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	451658	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	799418	20.000	ng		0.00
76) Chrysene-d12	14.069	240	531922	20.000	ng		0.00
86) Perylene-d12	15.563	264	390300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	250509	20.086	ng		0.00
7) Phenol-d6	6.516	99	310470	20.240	ng		0.00
23) Nitrobenzene-d5	7.463	82	253451	18.533	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	79570	18.247	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	725000	22.888	ng		0.00
79) Terphenyl-d14	13.010	244	757212	21.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	56091	9.987	ng		98
3) Pyridine	3.457	79	131287	9.941	ng		99
4) n-Nitrosodimethylamine	3.387	42	75254	9.819	ng	#	98
6) Aniline	6.563	93	145801	9.690	ng		99
8) 2-Chlorophenol	6.681	128	130151	9.765	ng		98
9) Benzaldehyde	6.451	77	102088	11.371	ng		100
10) Phenol	6.528	94	162652	10.003	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	164226m	10.242	ng		
12) 1,3-Dichlorobenzene	6.845	146	160179	10.505	ng		99
13) 1,4-Dichlorobenzene	6.922	146	159624	10.427	ng		99
14) 1,2-Dichlorobenzene	7.075	146	152479	10.376	ng		99
15) Benzyl Alcohol	7.034	79	89790	9.040	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	245918	10.270	ng		99
17) 2-Methylphenol	7.145	107	107331	9.947	ng		98
18) Hexachloroethane	7.422	117	49420	9.702	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	97394	10.264	ng		95
20) 3+4-Methylphenols	7.293	107	136376	10.127	ng	#	88
22) Acetophenone	7.304	105	197710	10.662	ng		96
24) Nitrobenzene	7.481	77	122267	9.485	ng		99
25) Isophorone	7.716	82	259962	10.039	ng		98
26) 2-Nitrophenol	7.798	139	40609	10.066	ng		99
27) 2,4-Dimethylphenol	7.828	122	131079	10.068	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	172734	10.373	ng		99
29) 2,4-Dichlorophenol	8.034	162	104807	9.468	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	129041	10.358	ng		98
31) Naphthalene	8.210	128	429996	10.638	ng		99
32) Benzoic acid	7.881	122	35000m	11.080	ng		
33) 4-Chloroaniline	8.257	127	155389m	9.438	ng		
34) Hexachlorobutadiene	8.328	225	75921	10.292	ng		99
35) Caprolactam	8.587	113	28438	8.834	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	112762	9.800	ng		99
37) 2-Methylnaphthalene	8.898	142	265328	10.564	ng		100
38) 1-Methylnaphthalene	8.998	142	281289	10.745	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	132346	10.492	ng		99
41) Hexachlorocyclopentadiene	9.051	237	68324	8.764	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	72234	9.078	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142297.D
Acq On : 05 May 2025 14:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 05 17:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	79827	9.429	ng		97
46) 1,1'-Biphenyl	9.363	154	370629	10.702	ng		98
47) 2-Chloronaphthalene	9.386	162	270501	10.503	ng		98
48) 2-Nitroaniline	9.475	65	54180	8.208	ng		97
49) Acenaphthylene	9.804	152	457356	10.616	ng		99
50) Dimethylphthalate	9.657	163	292351	10.080	ng		99
51) 2,6-Dinitrotoluene	9.716	165	46421	8.551	ng		99
52) Acenaphthene	9.975	154	268993	10.384	ng		99
53) 3-Nitroaniline	9.886	138	53755	8.443	ng	#	99
54) 2,4-Dinitrophenol	9.986	184	14043	12.133	ng	#	1
55) Dibenzofuran	10.145	168	404214	10.573	ng		99
56) 4-Nitrophenol	10.028	139	40283	8.407	ng		98
57) 2,4-Dinitrotoluene	10.116	165	56545	8.120	ng		94
58) Fluorene	10.486	166	317792	10.892	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	65106	9.316	ng		99
60) Diethylphthalate	10.357	149	299154	10.329	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	150371	10.683	ng		97
62) 4-Nitroaniline	10.492	138	51843	10.274	ng		96
63) Azobenzene	10.639	77	287064	10.372	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	20774	11.925	ng		94
66) n-Nitrosodiphenylamine	10.598	169	273145	10.268	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	90669	10.008	ng		96
68) Hexachlorobenzene	11.033	284	98422	9.876	ng		98
69) Atrazine	11.122	200	65913	9.400	ng		99
70) Pentachlorophenol	11.228	266	43524	8.302	ng		99
71) Phenanthrene	11.451	178	440505	10.512	ng		99
72) Anthracene	11.504	178	454013	10.545	ng		99
73) Carbazole	11.657	167	406007	10.511	ng		99
74) Di-n-butylphthalate	11.992	149	408614	10.060	ng		99
75) Fluoranthene	12.639	202	461212	11.011	ng		99
77) Benzidine	12.763	184	72321	7.482	ng		99
78) Pyrene	12.869	202	464898	9.819	ng		100
80) Butylbenzylphthalate	13.492	149	87770	9.527	ng		99
81) Benzo(a)anthracene	14.057	228	345605	10.033	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	74238	9.267	ng		99
83) Chrysene	14.092	228	326300	10.175	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	111032	9.863	ng		98
85) Di-n-octyl phthalate	14.669	149	155899	11.860	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	250070	9.211	ng		100
88) Benzo(b)fluoranthene	15.116	252	237339	10.040	ng		100
89) Benzo(k)fluoranthene	15.145	252	222898	10.304	ng		99
90) Benzo(a)pyrene	15.492	252	203272	9.596	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	207967	9.272	ng		99
92) Benzo(g,h,i)perylene	17.509	276	206052	9.256	ng		99

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

ICAL Form

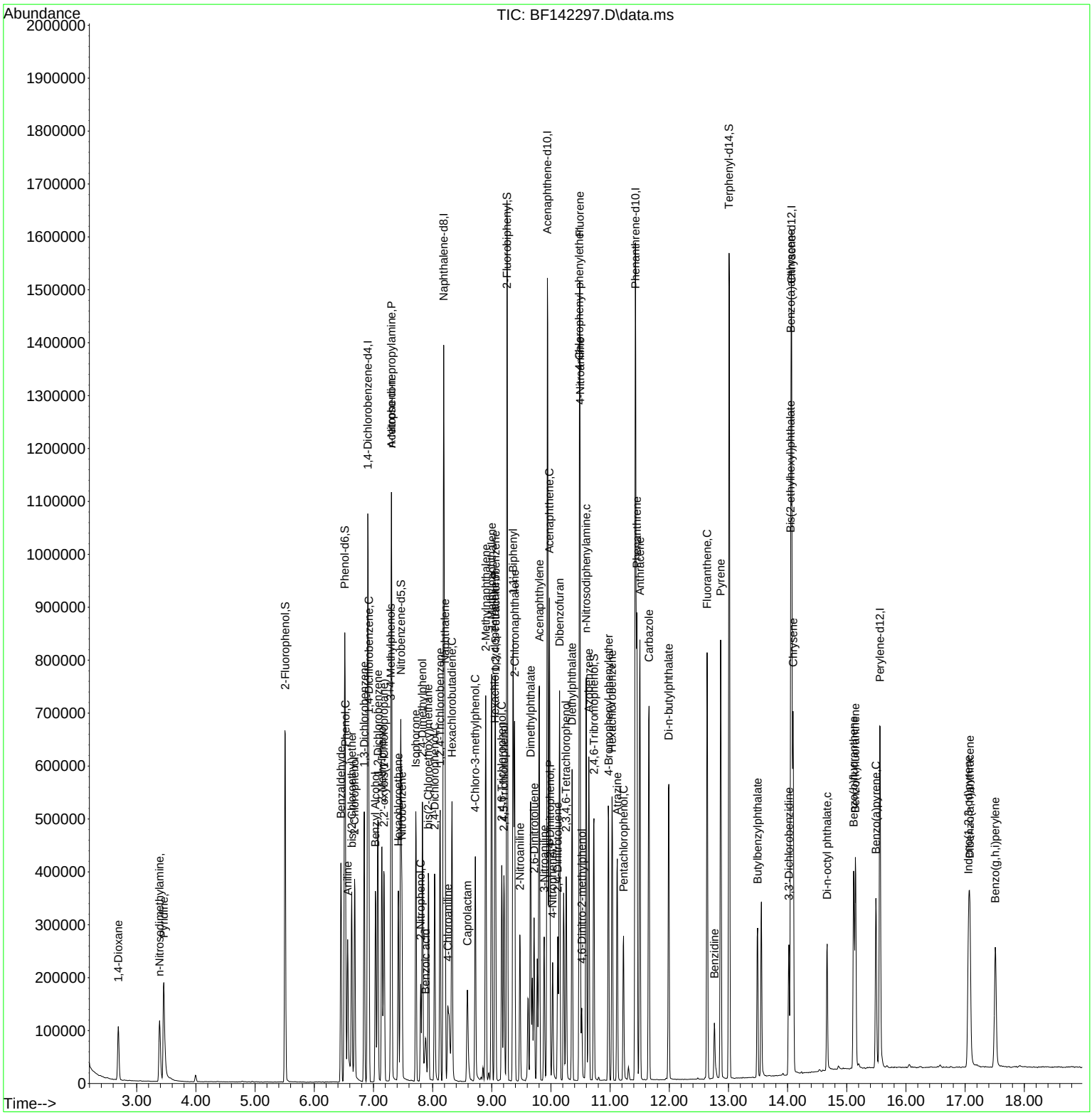
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142297.D
Acq On : 05 May 2025 14:52
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

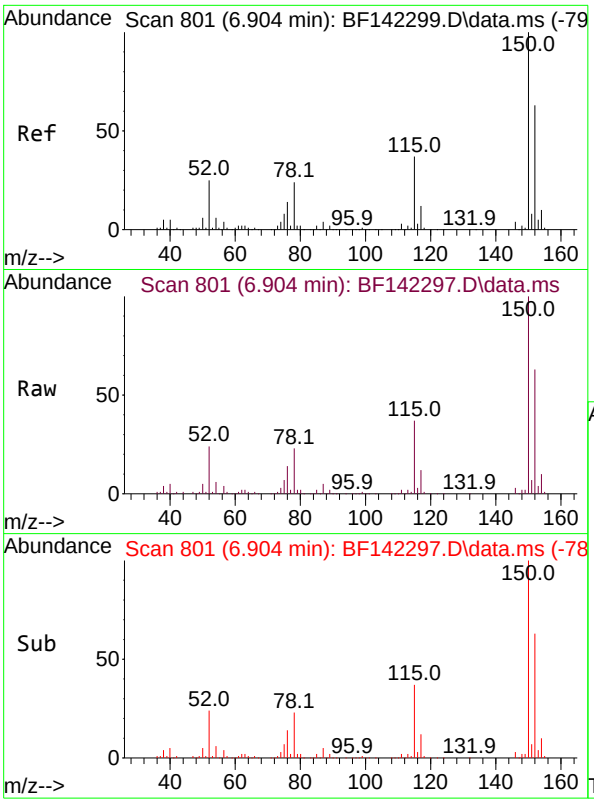
Quant Time: May 05 17:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

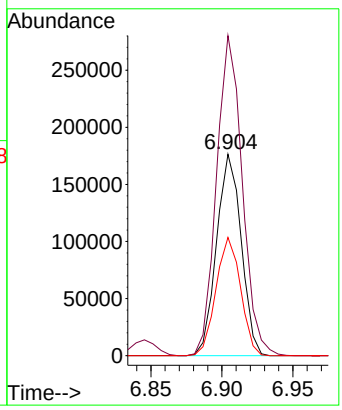




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:152 Resp: 21290

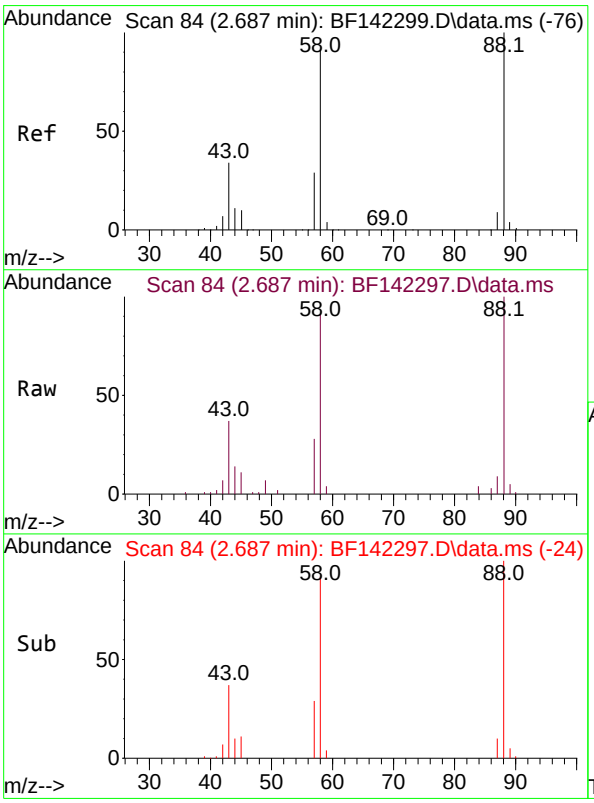
Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	190.0
115	58.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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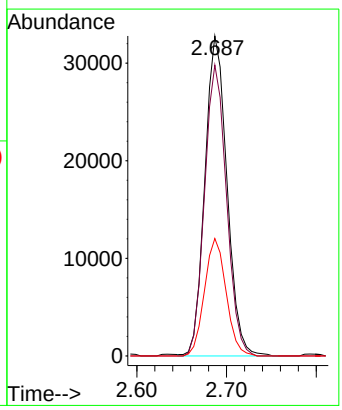
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

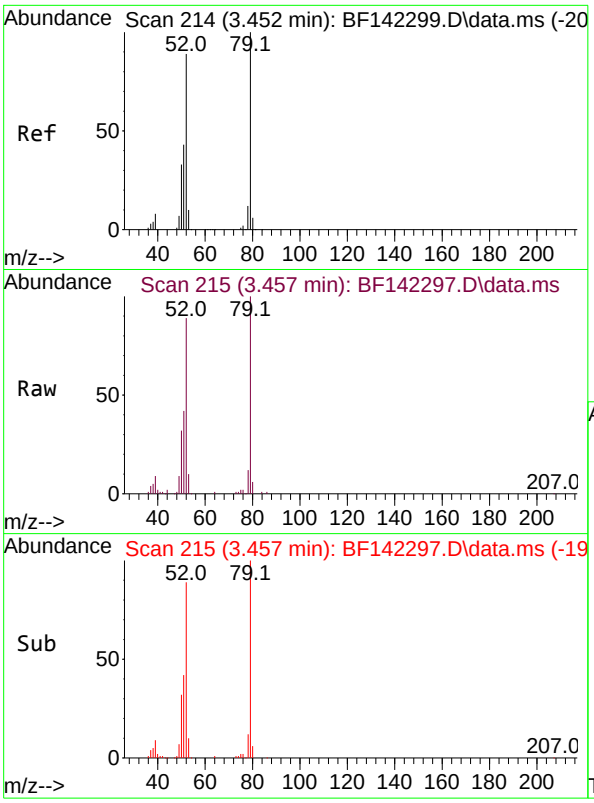


#2
1,4-Dioxane
Concen: 9.987 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 88 Resp: 56091

Ion	Ratio	Lower	Upper
88	100		
58	90.0	73.0	109.4
43	35.9	27.8	41.6





#3
Pyridine
Concen: 9.941 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

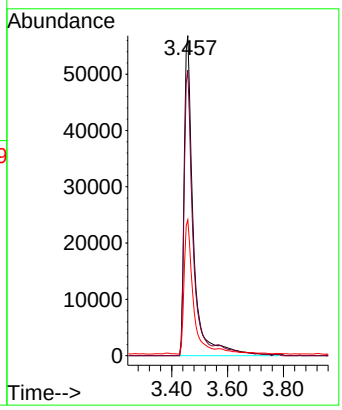
Tgt Ion: 79 Resp: 13128

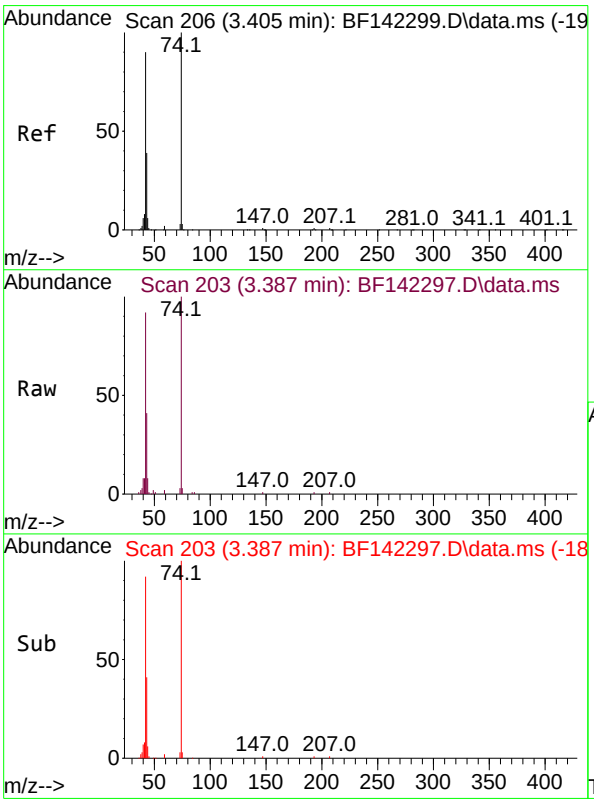
Ion	Ratio	Lower	Upper
79	100		
52	89.3	71.0	106.4
51	42.5	34.9	52.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

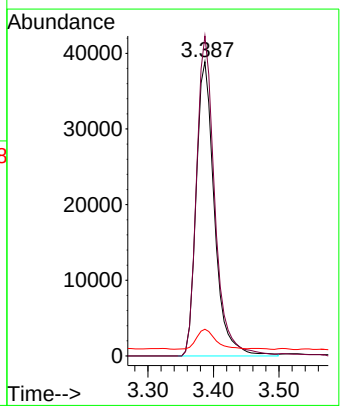


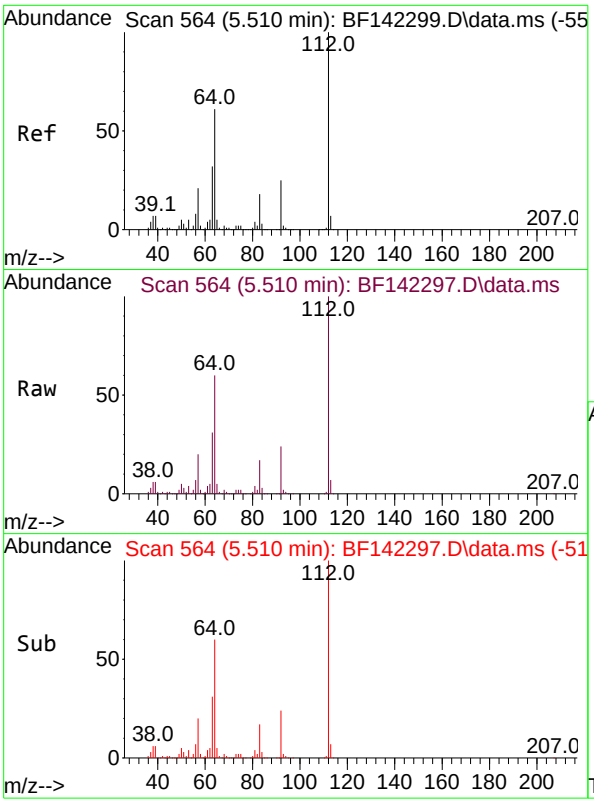


#4
n-Nitrosodimethylamine
Concen: 9.819 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 42 Resp: 75254

Ion	Ratio	Lower	Upper
42	100		
74	108.7	88.5	132.7
44	9.1	5.8	8.8#





#5
2-Fluorophenol
Concen: 20.086 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

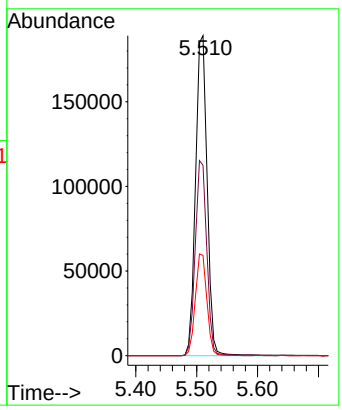
Tgt Ion:112 Resp: 25050

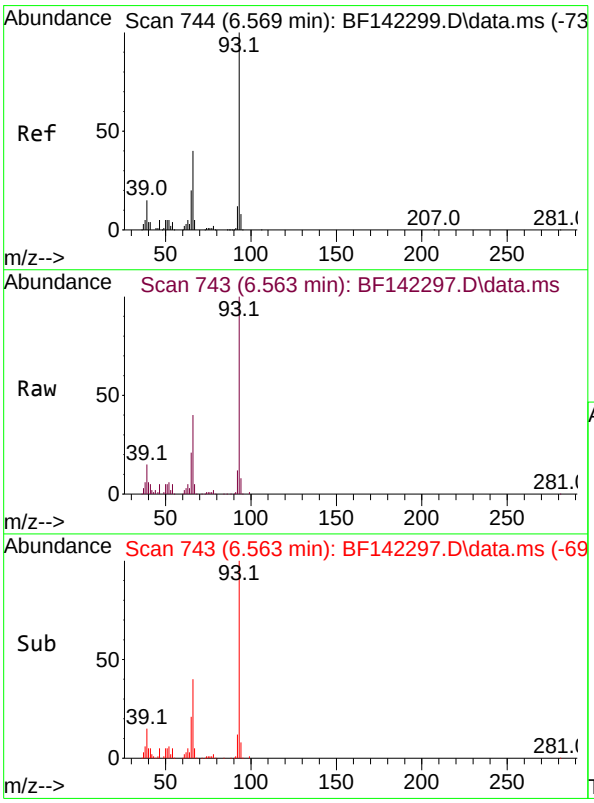
Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.9	73.3
63	31.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

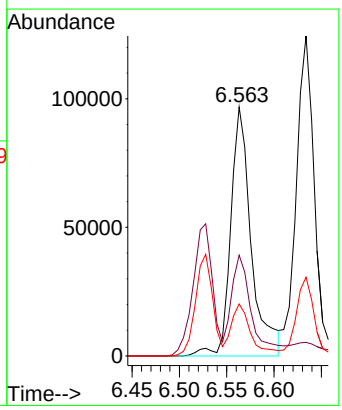


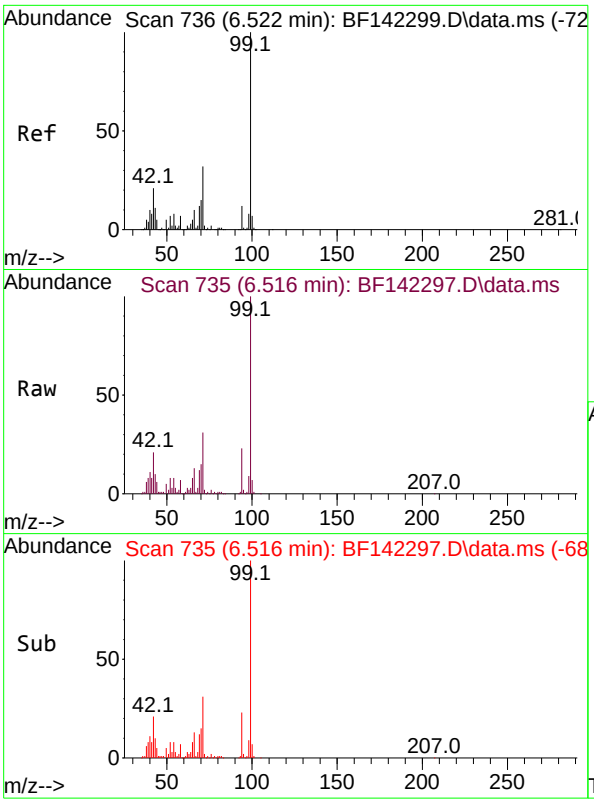


#6
Aniline
Concen: 9.690 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 93 Resp: 145801

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.4
65	20.9	16.3	24.5





#7
Phenol-d6
Concen: 20.240 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

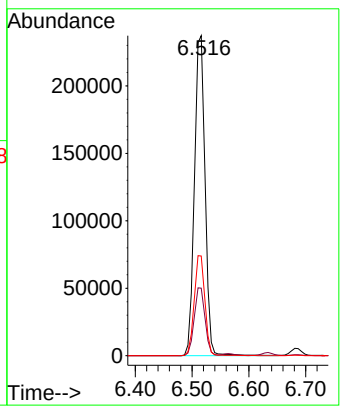
Tgt Ion: 99 Resp: 31047

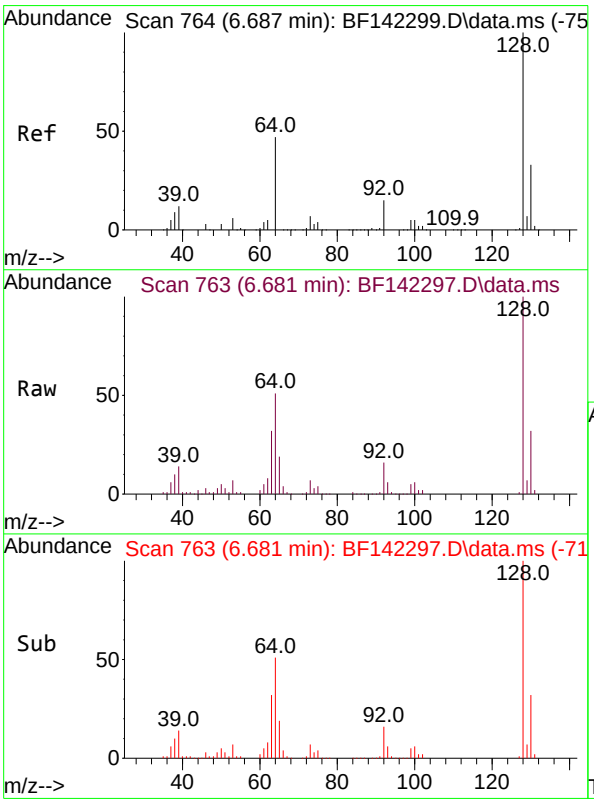
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.4
71	31.2	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

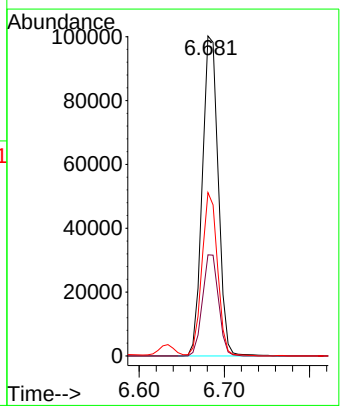


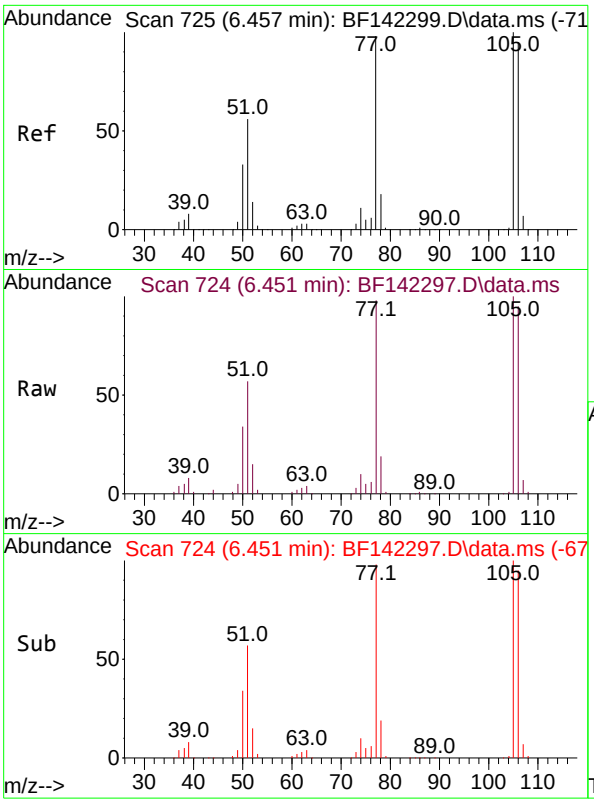


#8
2-Chlorophenol
Concen: 9.765 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:128 Resp: 130151

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.7	52.7
64	51.0	29.2	69.2

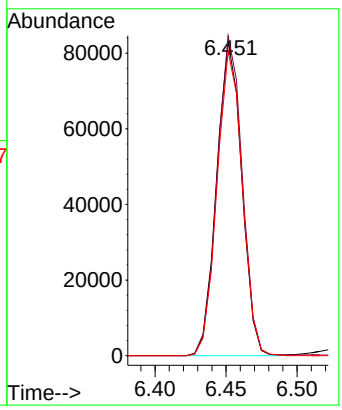




#9
Benzaldehyde
Concen: 11.371 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 10208

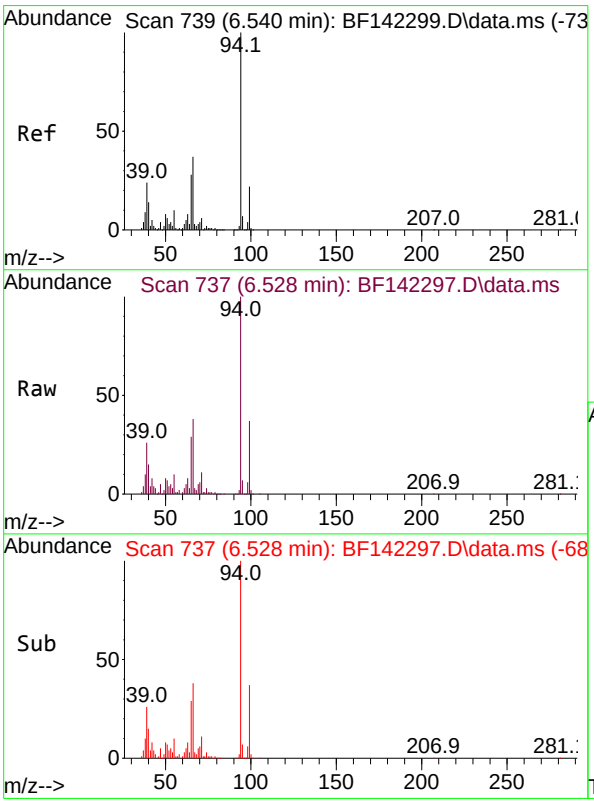
Ion	Ratio	Lower	Upper
77	100		
105	101.9	82.0	122.0
106	96.9	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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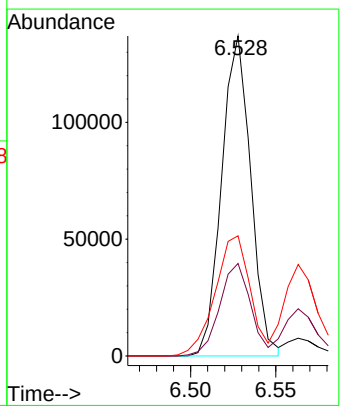
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

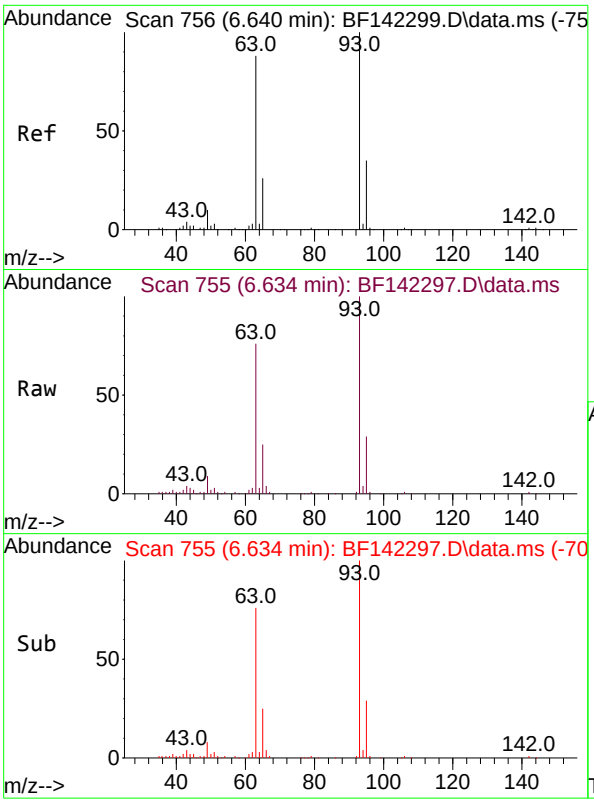


#10
Phenol
Concen: 10.003 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 94 Resp: 162652

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	37.5	17.3	57.3

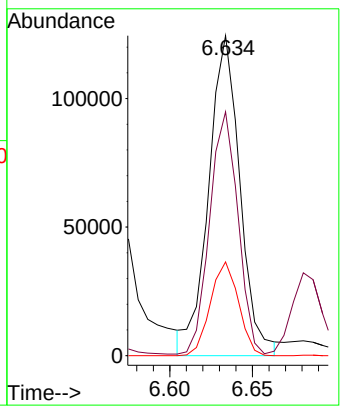




#11
bis(2-Chloroethyl)ether
Concen: 10.242 ng m
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 93 Resp: 16422

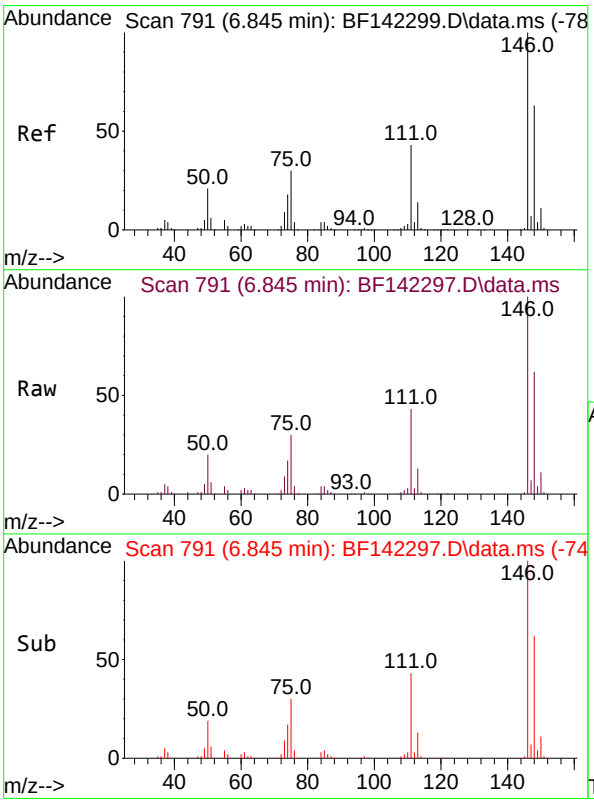
Ion	Ratio	Lower	Upper
93	100		
63	76.2	58.4	98.4
95	29.3	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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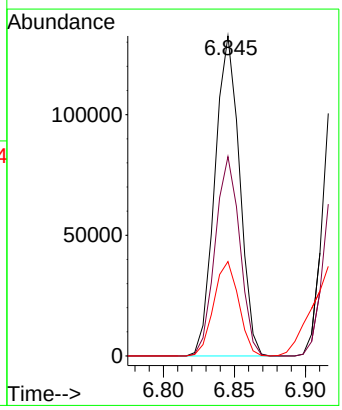
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

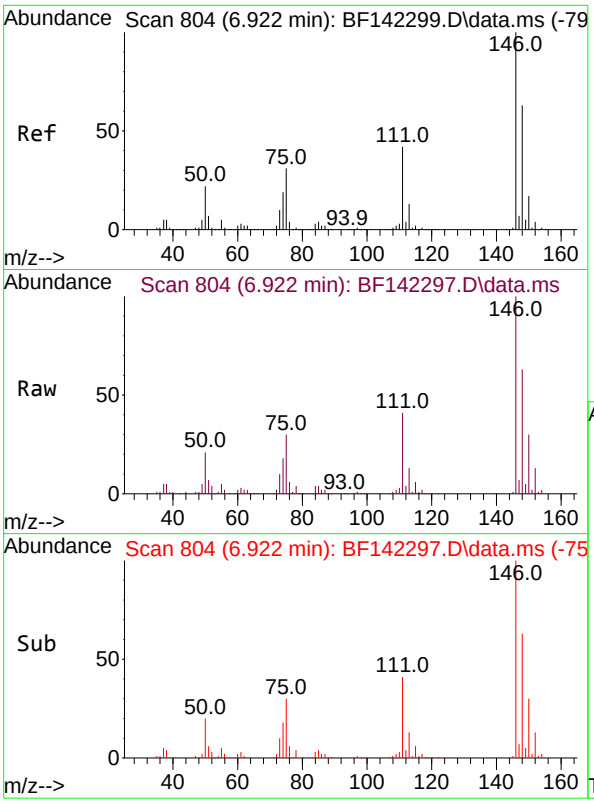


#12
1,3-Dichlorobenzene
Concen: 10.505 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:146 Resp: 160179

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
75	29.5	24.2	36.4

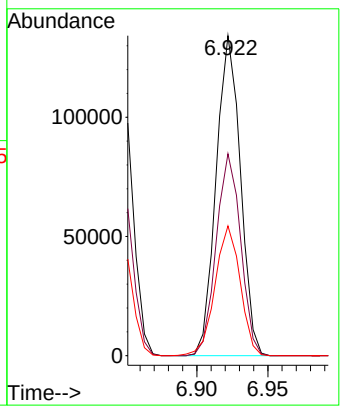




#13
1,4-Dichlorobenzene
Concen: 10.427 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:146 Resp: 15962

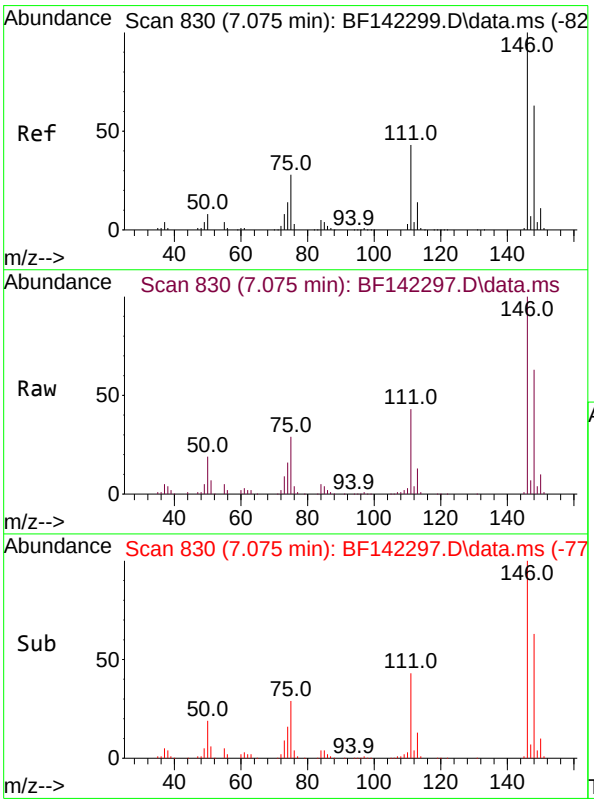
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	40.6	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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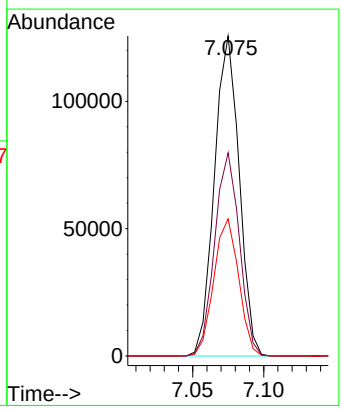
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

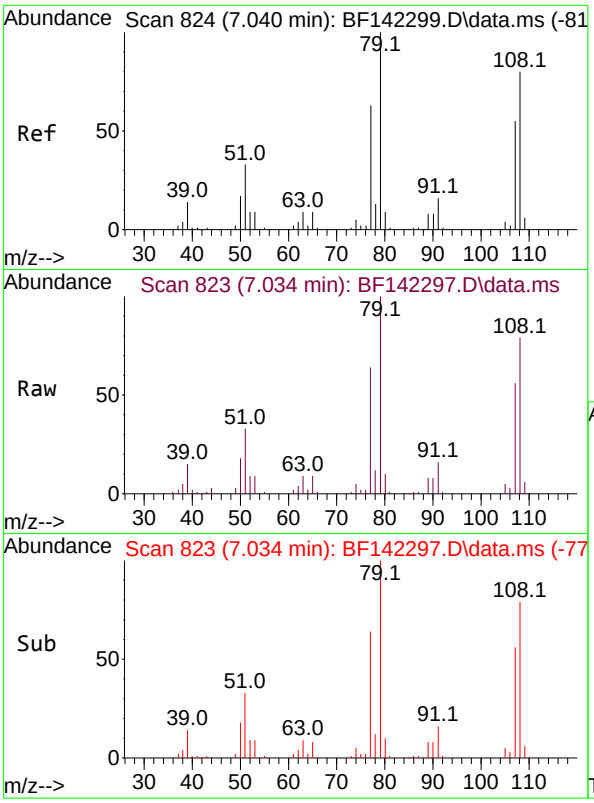


#14
1,2-Dichlorobenzene
Concen: 10.376 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:146 Resp: 152479

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.9	34.5	51.7

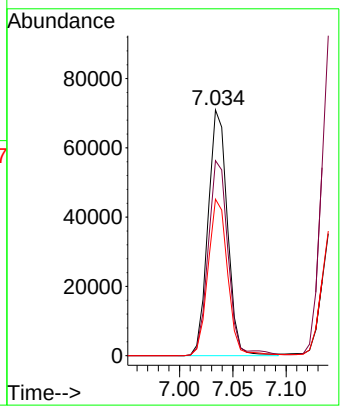




#15
Benzyl Alcohol
Concen: 9.040 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 79 Resp: 8979

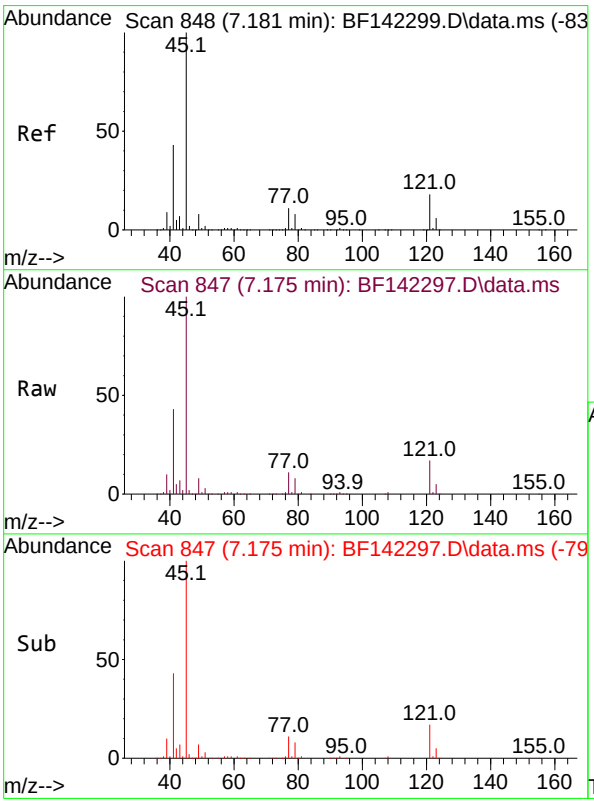
Ion	Ratio	Lower	Upper
79	100		
108	79.4	63.9	95.9
77	63.7	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

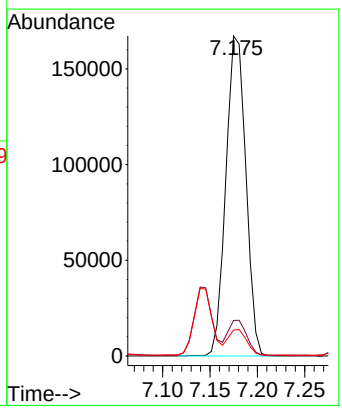
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

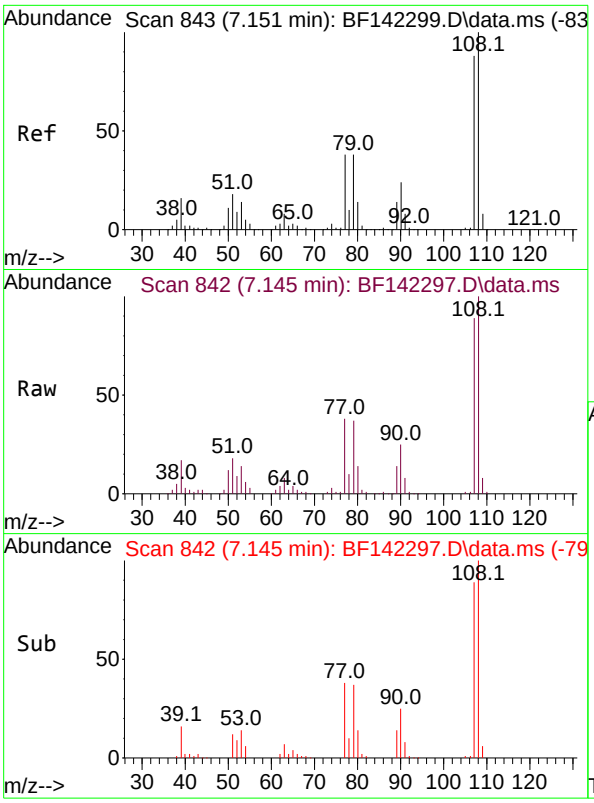


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.270 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 45 Resp: 245918

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.2
79	8.1	0.0	28.5

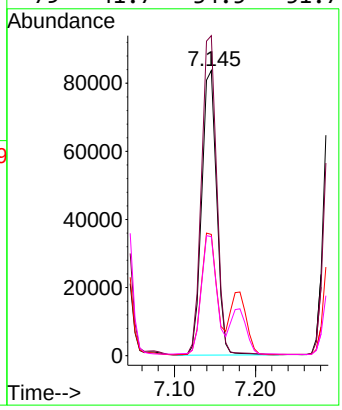




#17
2-Methylphenol
Concen: 9.947 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:107 Resp: 10733

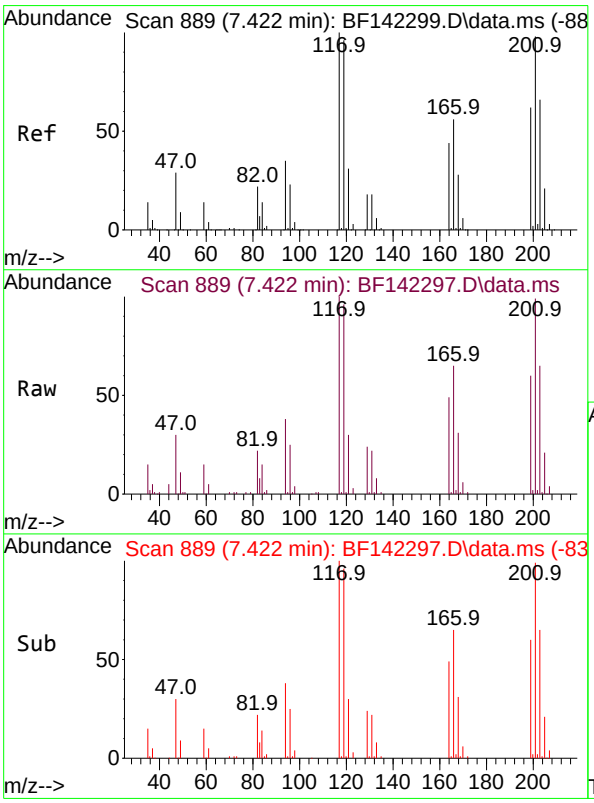
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	42.5	34.7	52.1
79	41.7	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

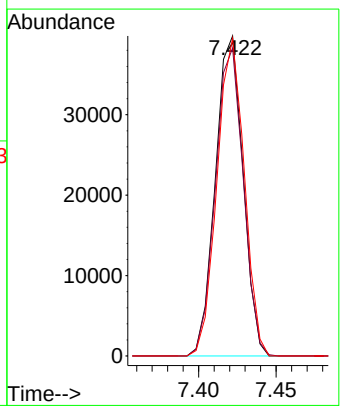
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

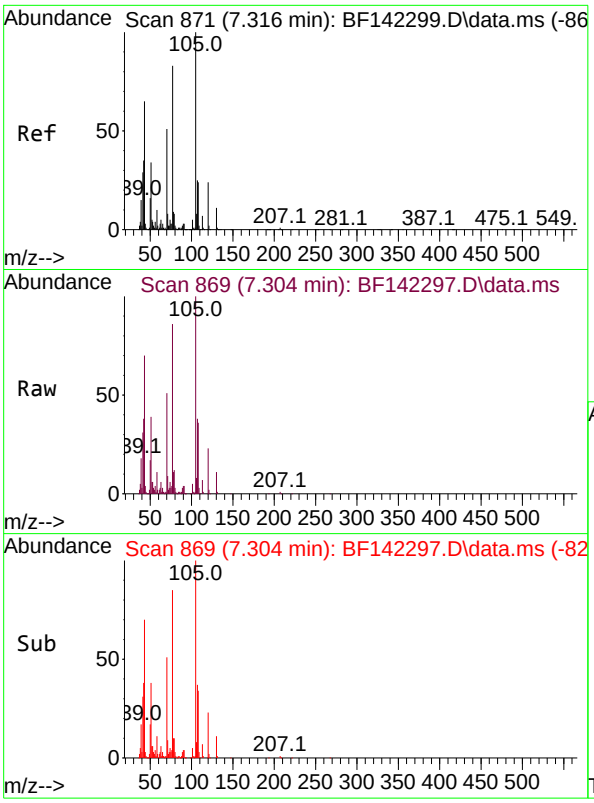


#18
Hexachloroethane
Concen: 9.702 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:117 Resp: 49420

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
201	99.2	78.0	117.0

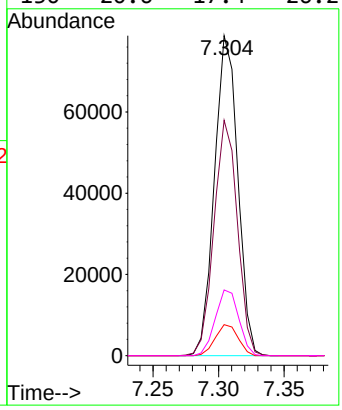




#19
n-Nitroso-di-n-propylamine
Concen: 10.264 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 70 Resp: 9739

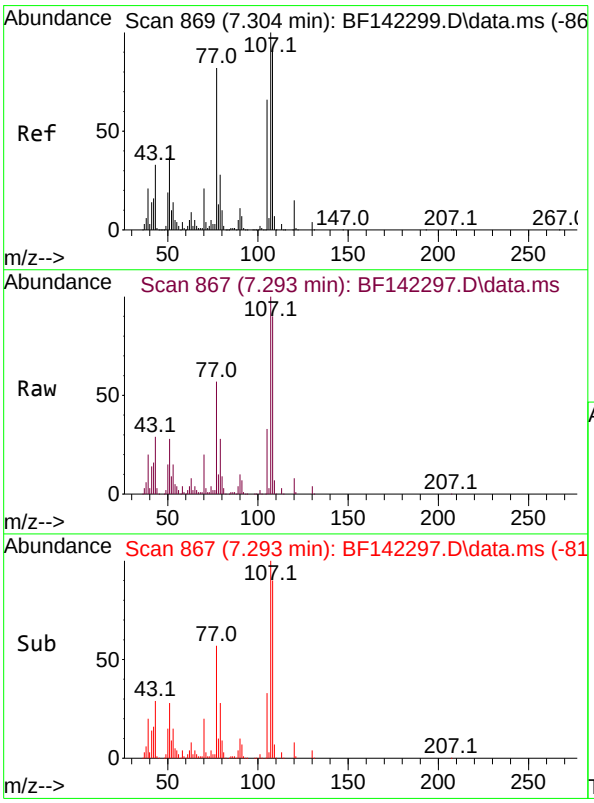
Ion	Ratio	Lower	Upper
70	100		
42	73.5	54.8	82.2
101	9.7	7.7	11.5
130	20.6	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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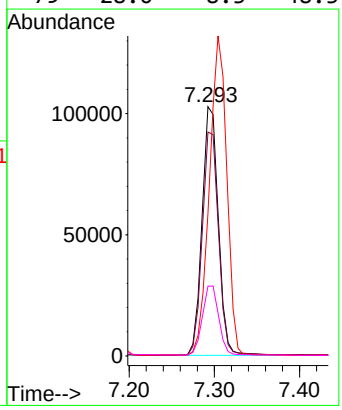
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

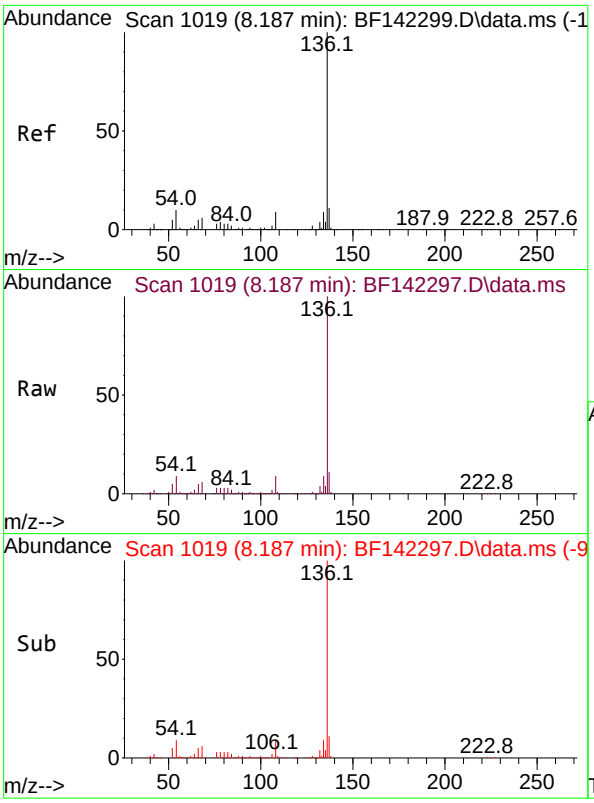


#20
3+4-Methylphenols
Concen: 10.127 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:107 Resp: 136376

Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.5	111.5
77	57.2	61.6	101.6#
79	28.0	8.3	48.3

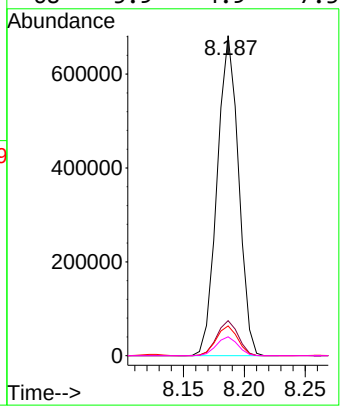




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:136 Resp: 83402

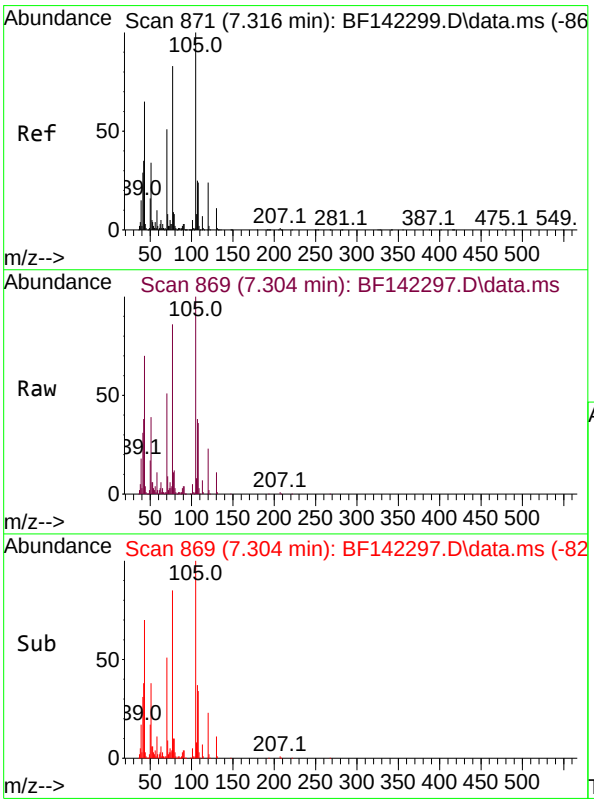
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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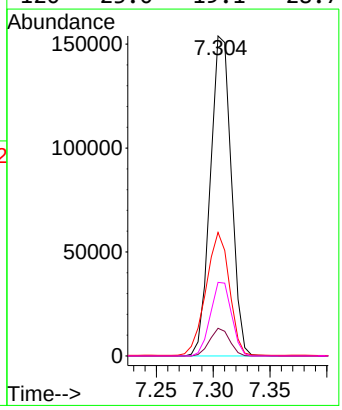
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

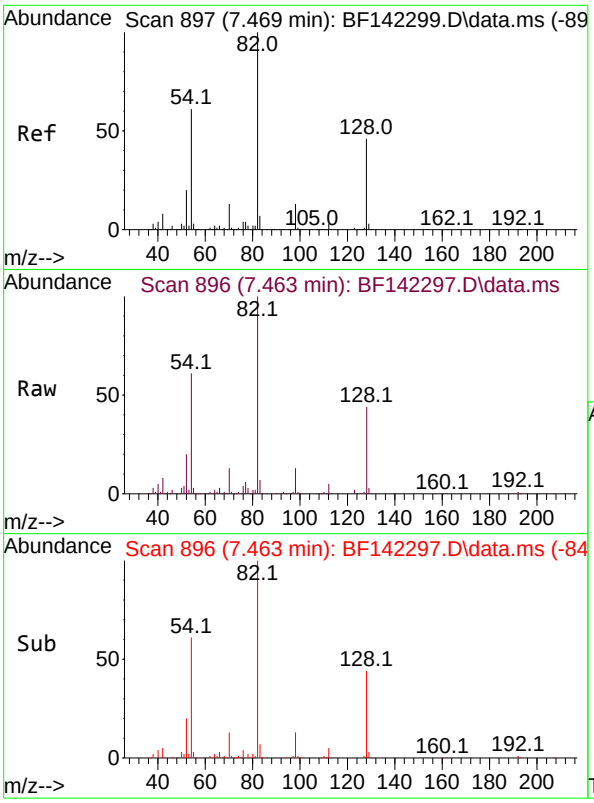


#22
Acetophenone
Concen: 10.662 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:105 Resp: 197710

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.7	10.1
51	38.6	27.6	41.4
120	23.0	19.1	28.7





#23
Nitrobenzene-d5
Concen: 18.533 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

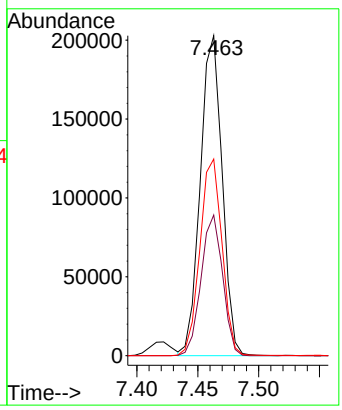
Tgt Ion: 82 Resp: 25345

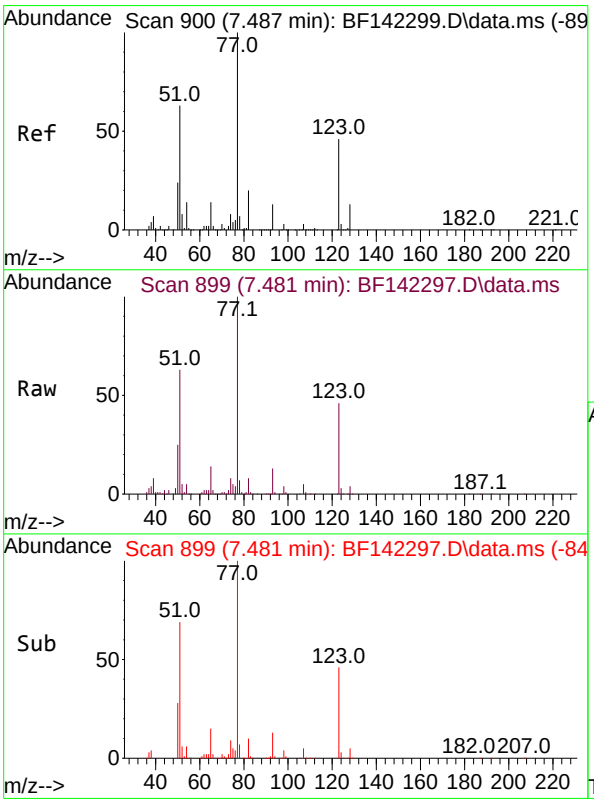
Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.0	55.6
54	61.4	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

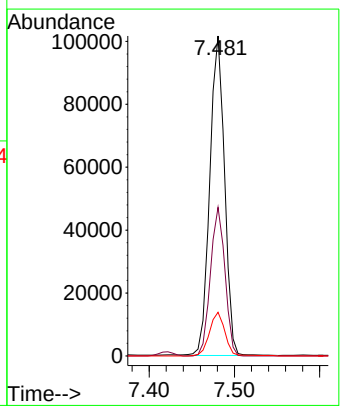


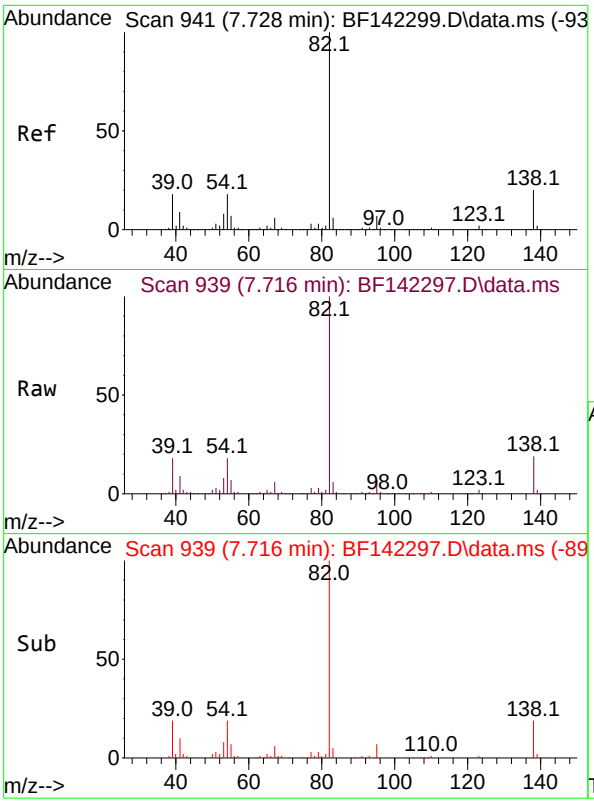


#24
Nitrobenzene
Concen: 9.485 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 122267

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.8	56.8
65	13.6	11.4	17.0





#25
Isophorone
Concen: 10.039 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

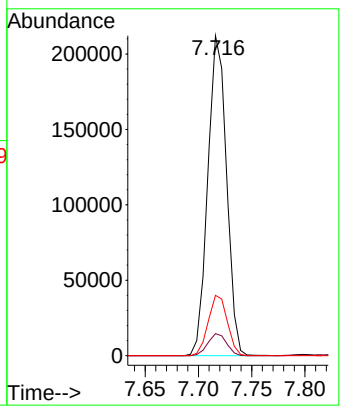
Tgt Ion: 82 Resp: 25996

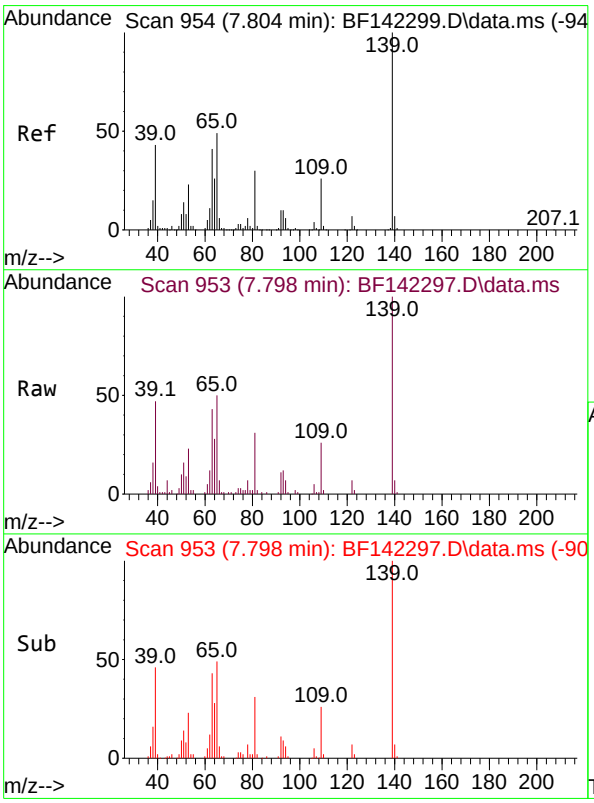
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	18.9	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

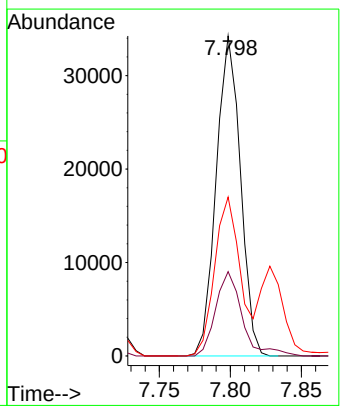


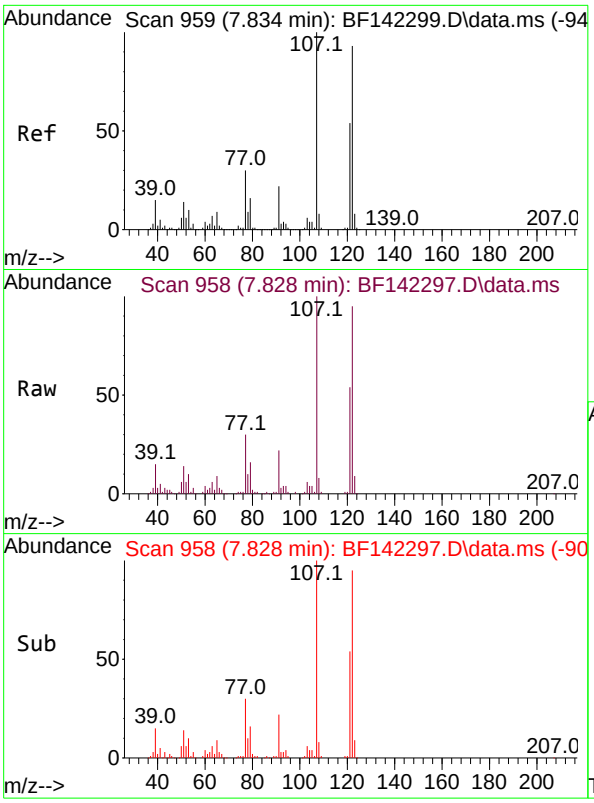


#26
2-Nitrophenol
Concen: 10.066 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:139 Resp: 40609

Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.8	31.2
65	49.6	38.9	58.3

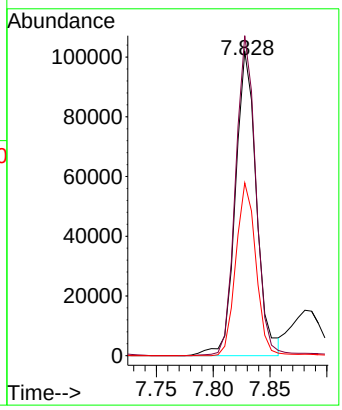




#27
2,4-Dimethylphenol
Concen: 10.068 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:122 Resp: 13107

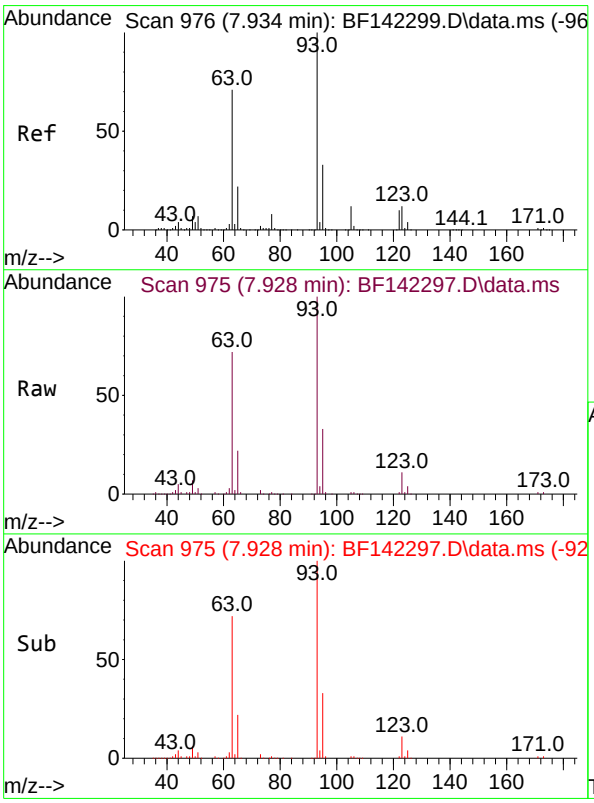
Ion	Ratio	Lower	Upper
122	100		
107	105.2	86.0	129.0
121	56.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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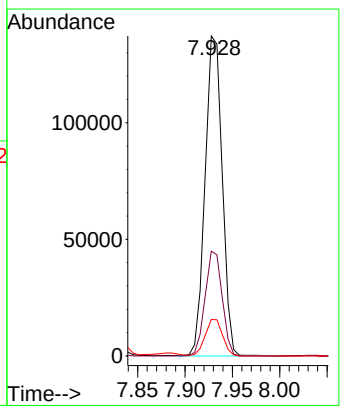
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

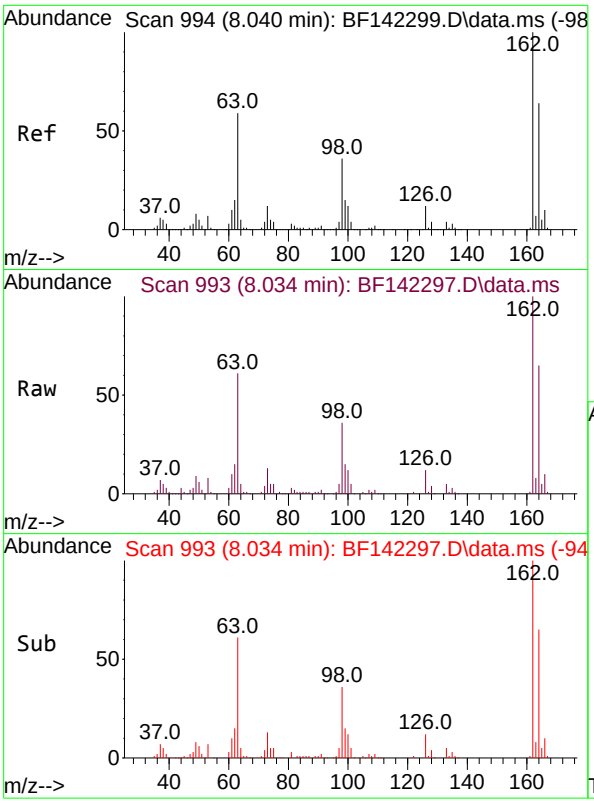


#28
bis(2-Chloroethoxy)methane
Concen: 10.373 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 93 Resp: 172734

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.4	10.2	15.4

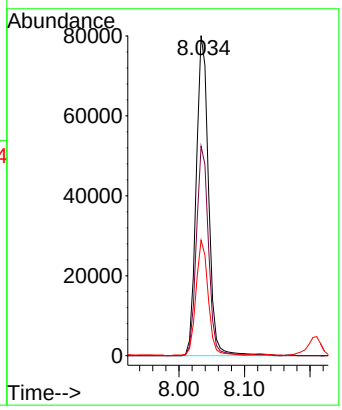




#29
2,4-Dichlorophenol
Concen: 9.468 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:162 Resp: 10480

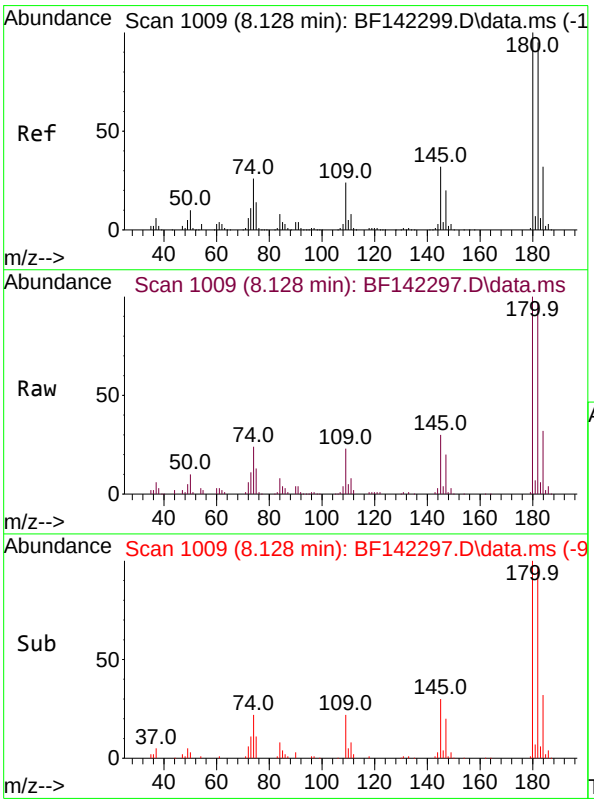
Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.6	83.6
98	36.1	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

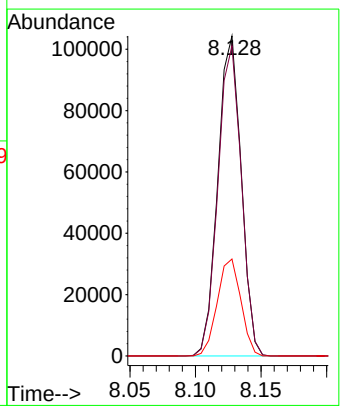
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

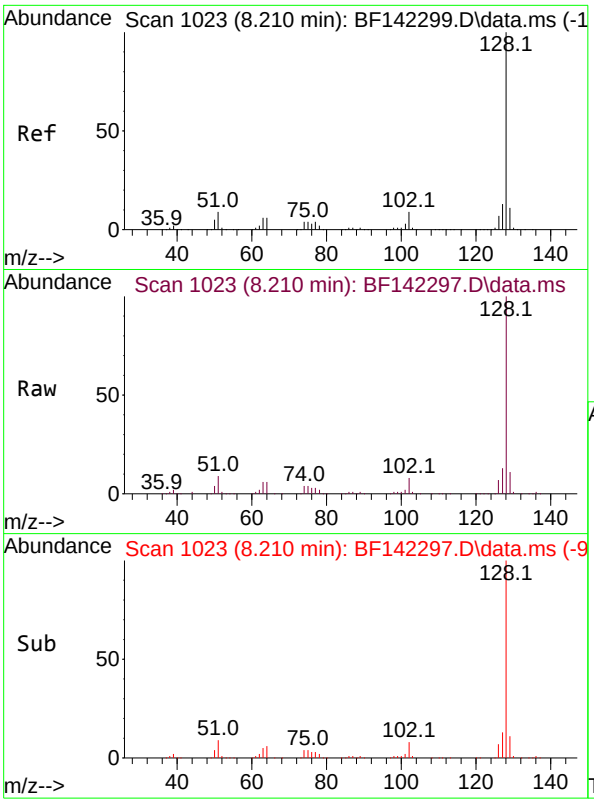


#30
1,2,4-Trichlorobenzene
Concen: 10.358 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:180 Resp: 129041

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.2	114.4
145	30.3	25.8	38.6





#31
Naphthalene
Concen: 10.638 ng
RT: 8.210 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

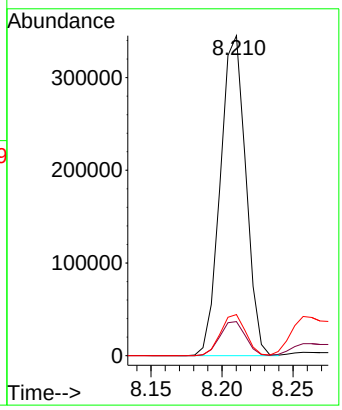
Tgt Ion:128 Resp: 42999(

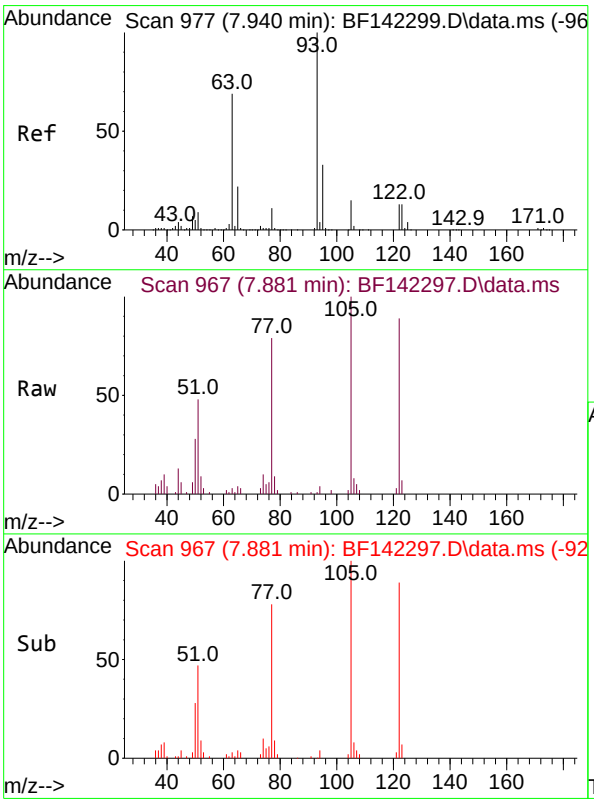
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	12.8	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

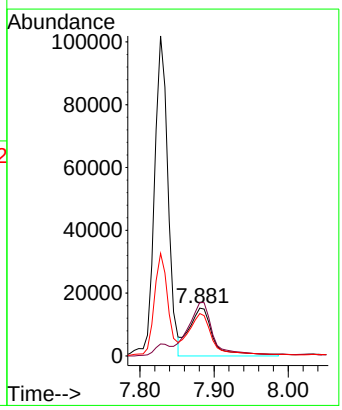


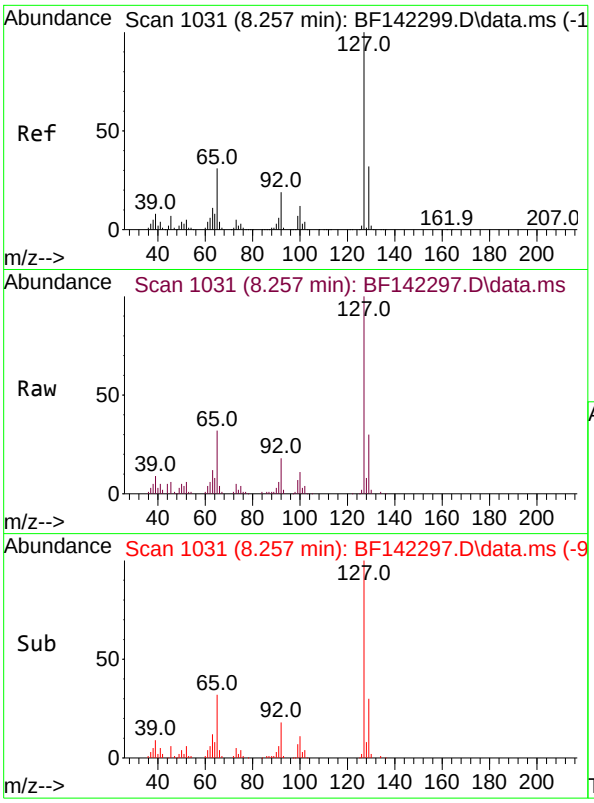


#32
Benzoic acid
Concen: 11.080 ng m
RT: 7.881 min Scan# 967
Delta R.T. -0.059 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:122 Resp: 35000

Ion	Ratio	Lower	Upper
122	100		
105	112.0	97.9	137.9
77	88.5	67.7	107.7

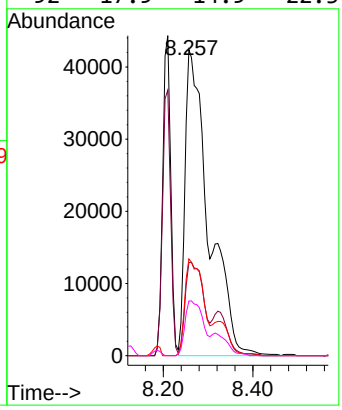




#33
4-Chloroaniline
Concen: 9.438 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:127 Resp: 15538

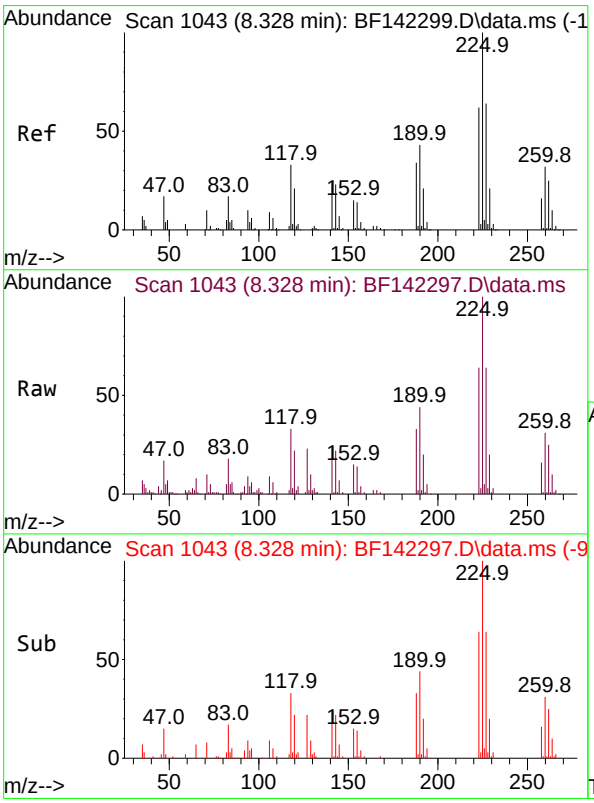
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.7	38.5
65	31.6	24.9	37.3
92	17.9	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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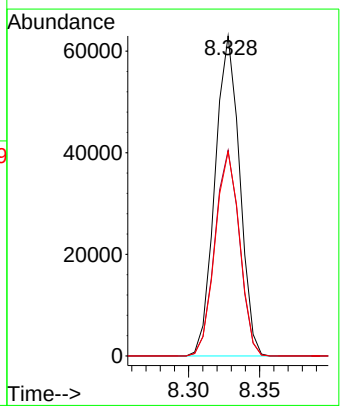
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

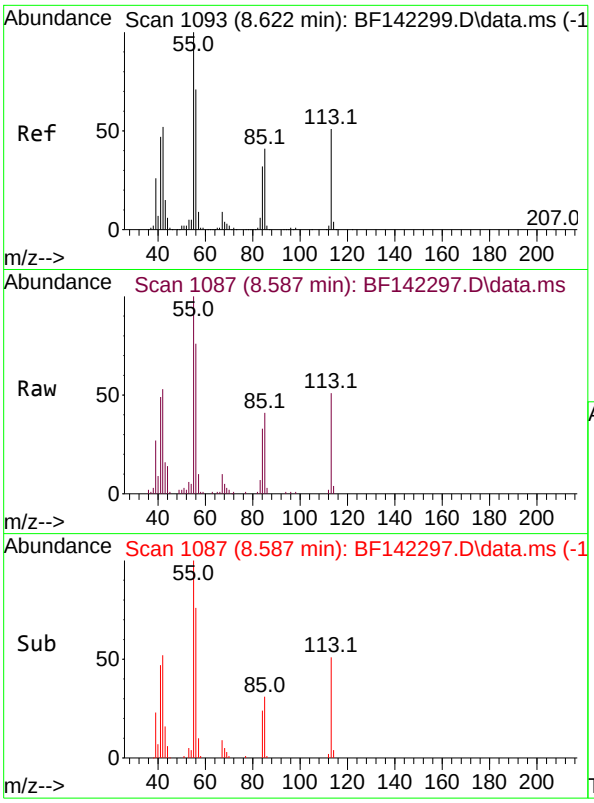


#34
Hexachlorobutadiene
Concen: 10.292 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:225 Resp: 75921

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	63.7	50.9	76.3

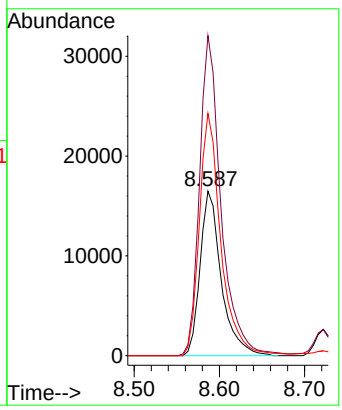




#35
Caprolactam
Concen: 8.834 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:113 Resp: 2843

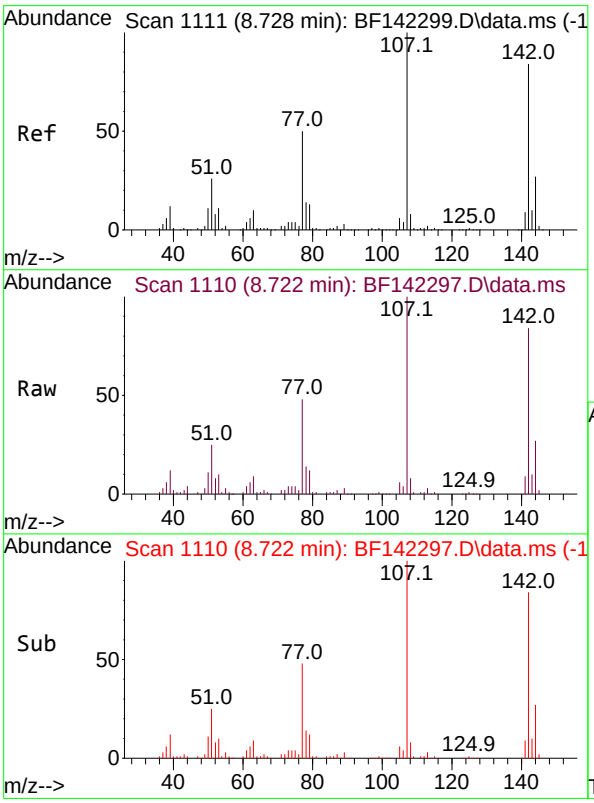
Ion	Ratio	Lower	Upper
113	100		
55	194.5	176.4	216.4
56	147.3	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

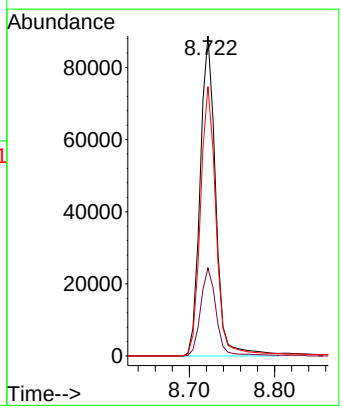
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

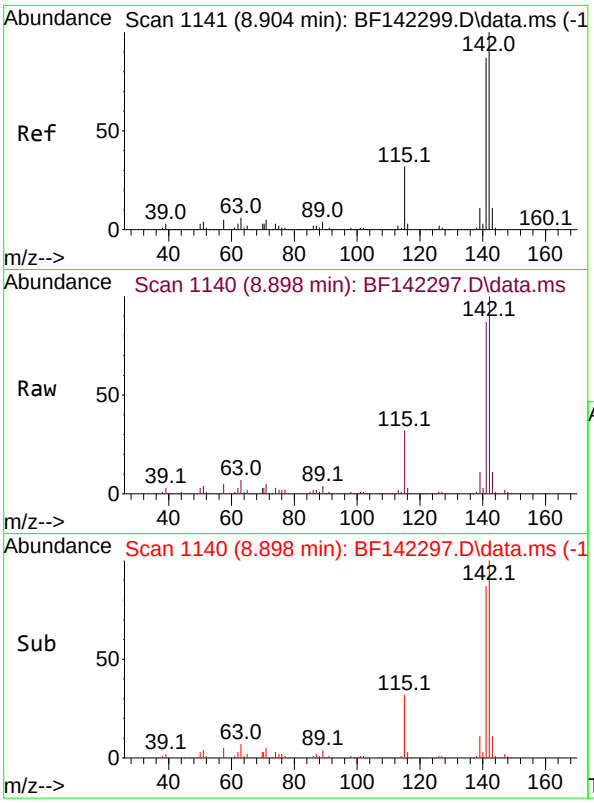


#36
4-Chloro-3-methylphenol
Concen: 9.800 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:107 Resp: 112762

Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.3	31.9
142	84.2	66.9	100.3

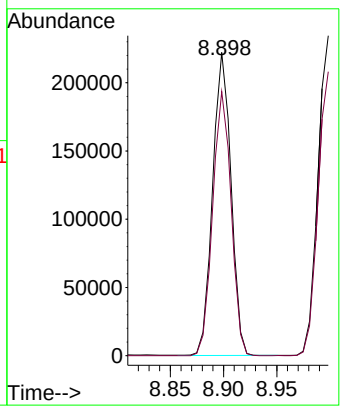




#37
2-Methylnaphthalene
Concen: 10.564 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:142 Resp: 26532

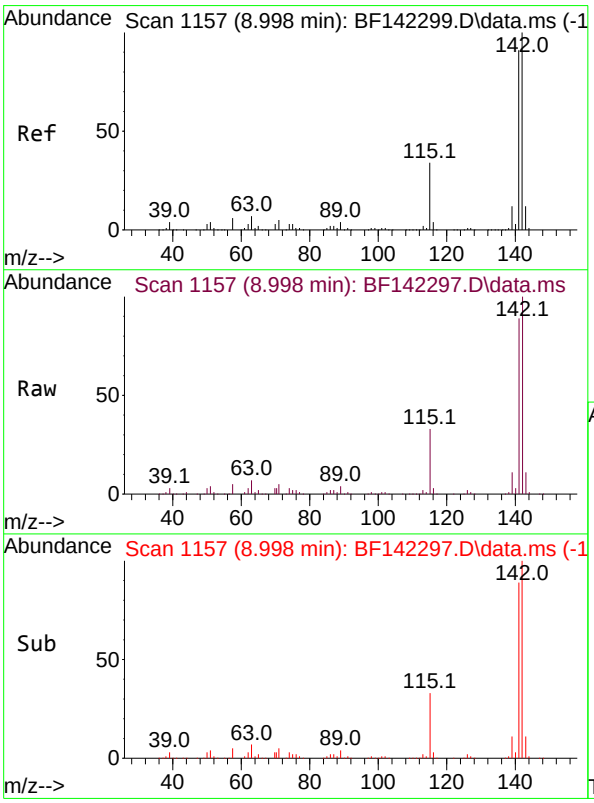
Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.4	104.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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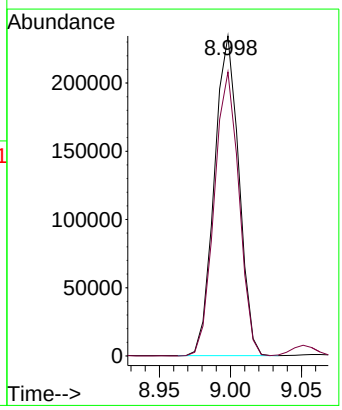
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

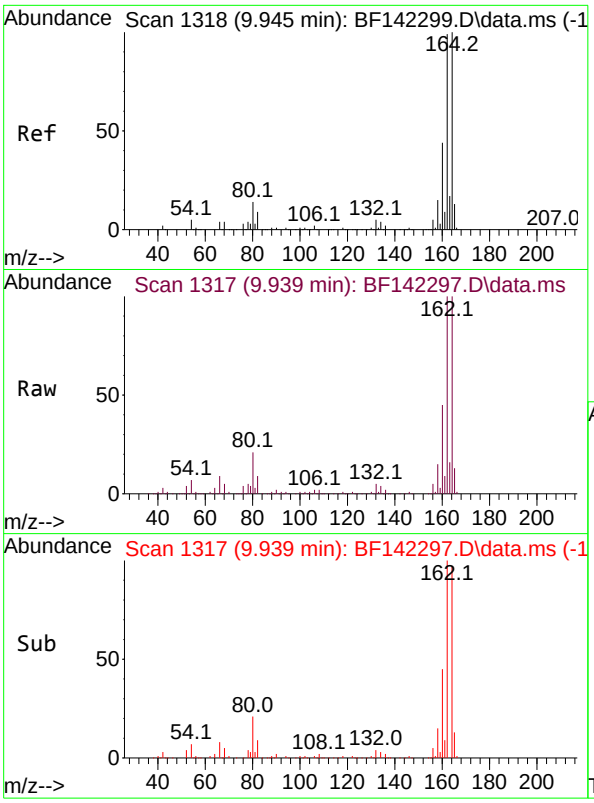


#38
1-Methylnaphthalene
Concen: 10.745 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:142 Resp: 281289

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.5	108.7

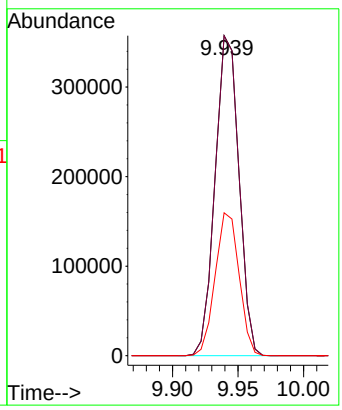




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:164 Resp: 45165

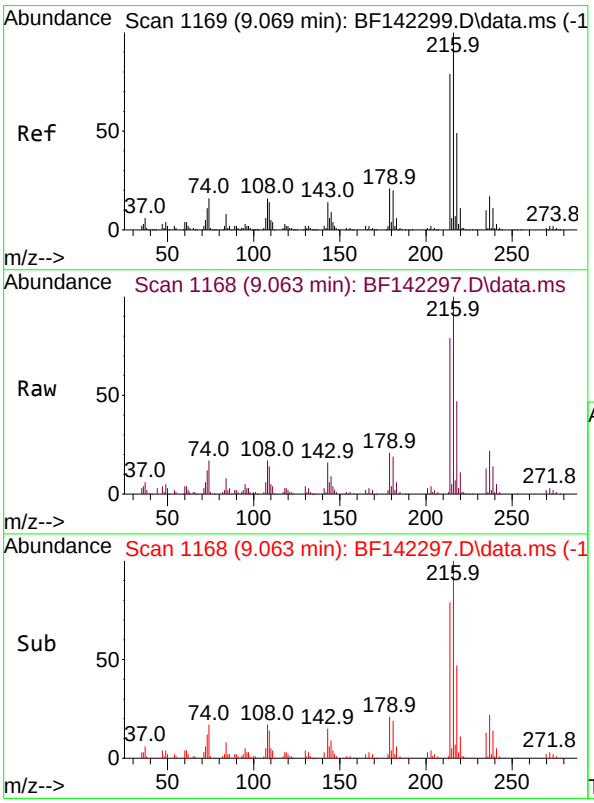
Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.2	118.8
160	44.7	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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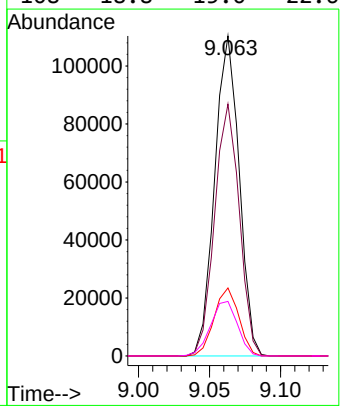
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

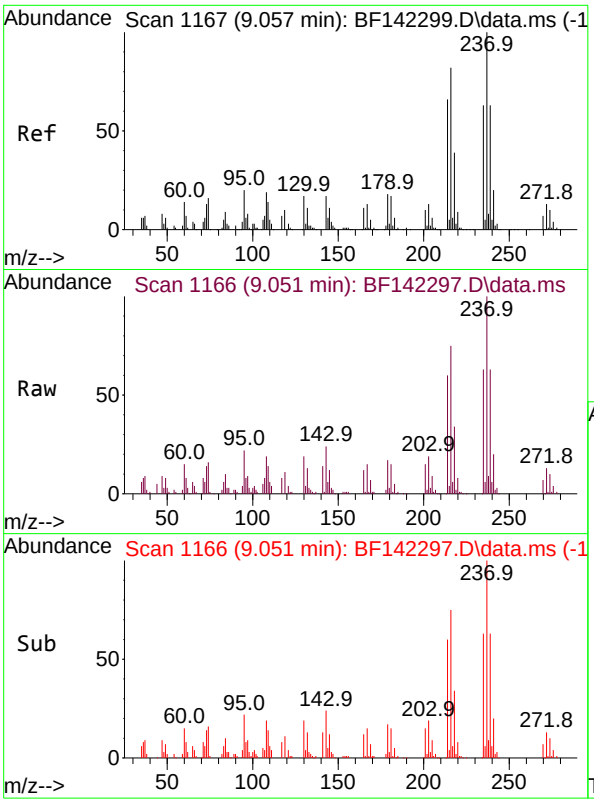


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.492 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:216 Resp: 132346

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	21.5	17.0	25.6
108	18.8	15.0	22.6

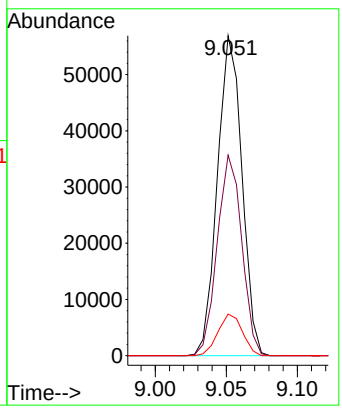




#41
Hexachlorocyclopentadiene
Concen: 8.764 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:237 Resp: 6832

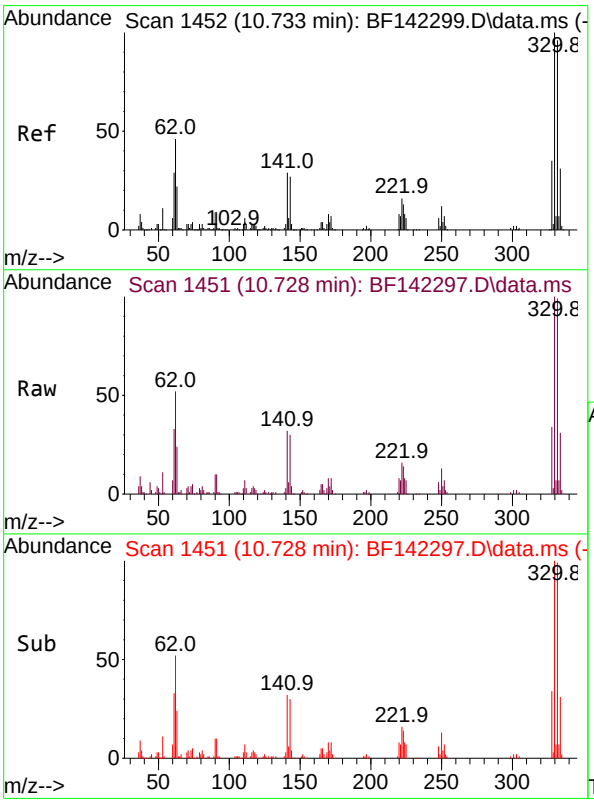
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.8	82.8
272	13.0	0.0	33.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

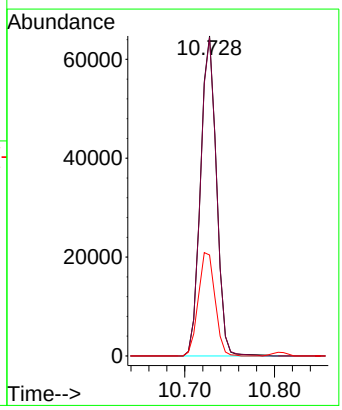
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

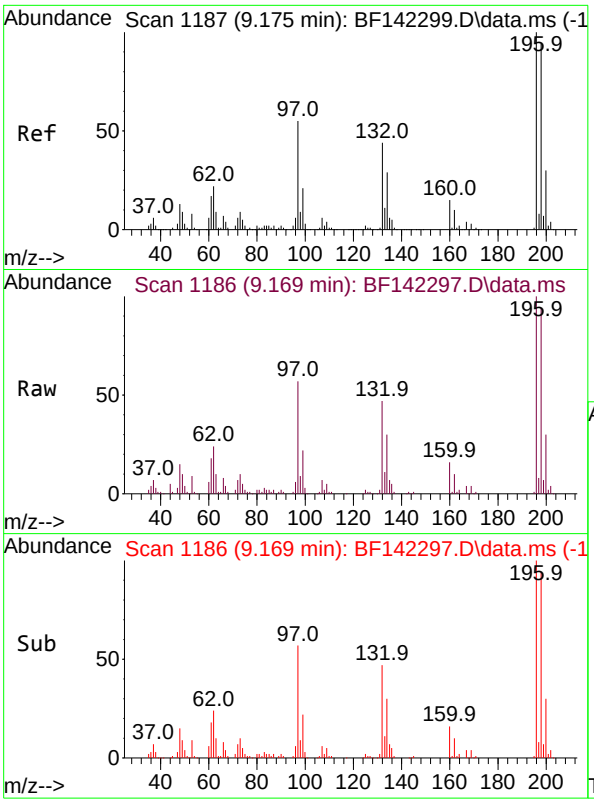


#42
2,4,6-Tribromophenol
Concen: 18.247 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:330 Resp: 79570

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.8	115.2
141	34.0	24.9	37.3

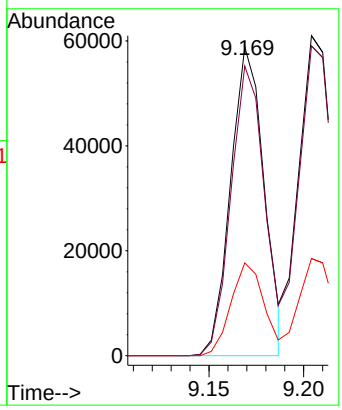




#43
2,4,6-Trichlorophenol
Concen: 9.078 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:196 Resp: 7223

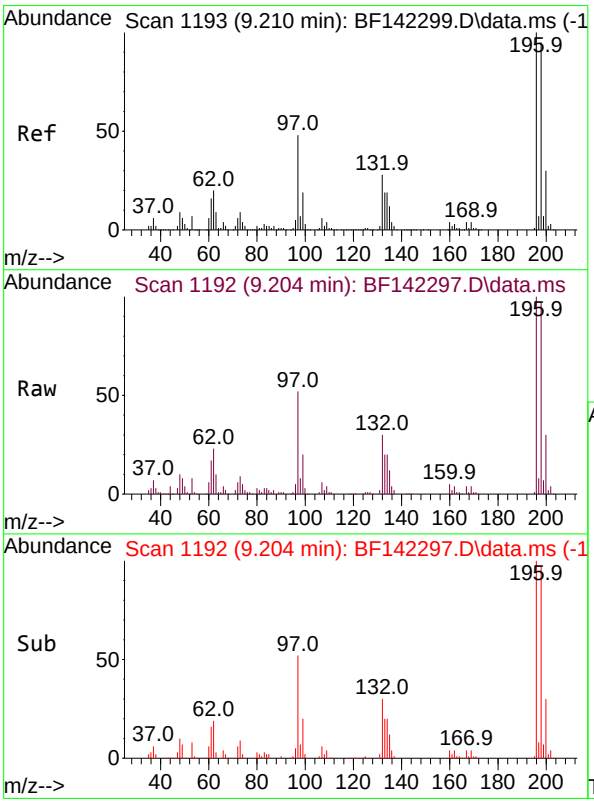
Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.4	113.0
200	30.0	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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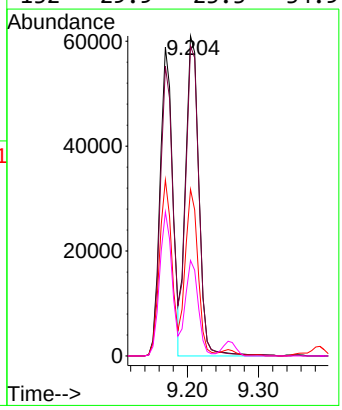
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

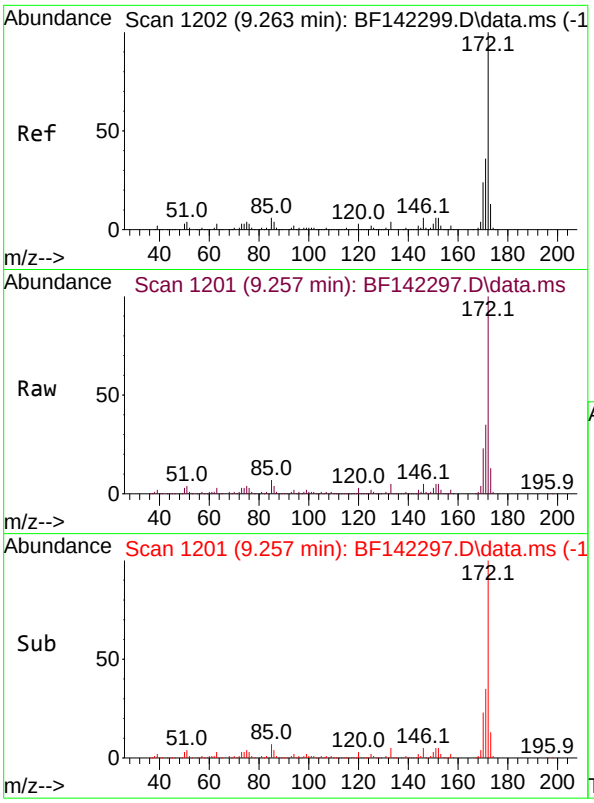


#44
2,4,5-Trichlorophenol
Concen: 9.429 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:196 Resp: 79827

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.1	114.1
97	52.1	39.0	58.4
132	29.9	23.3	34.9

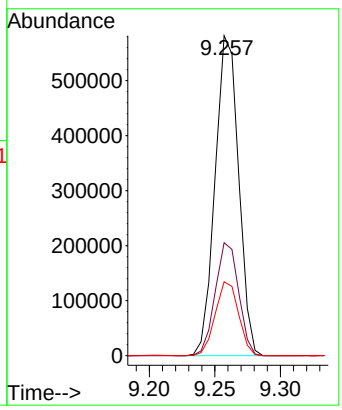




#45
2-Fluorobiphenyl
Concen: 22.888 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:172 Resp: 72500

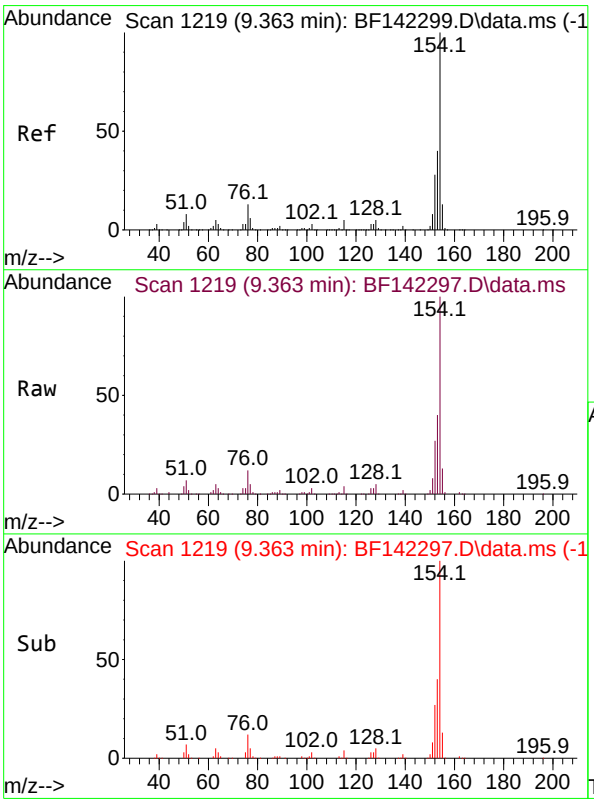
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.1	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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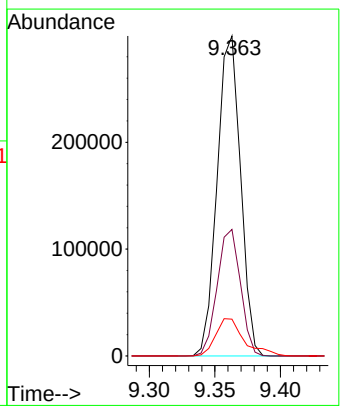
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

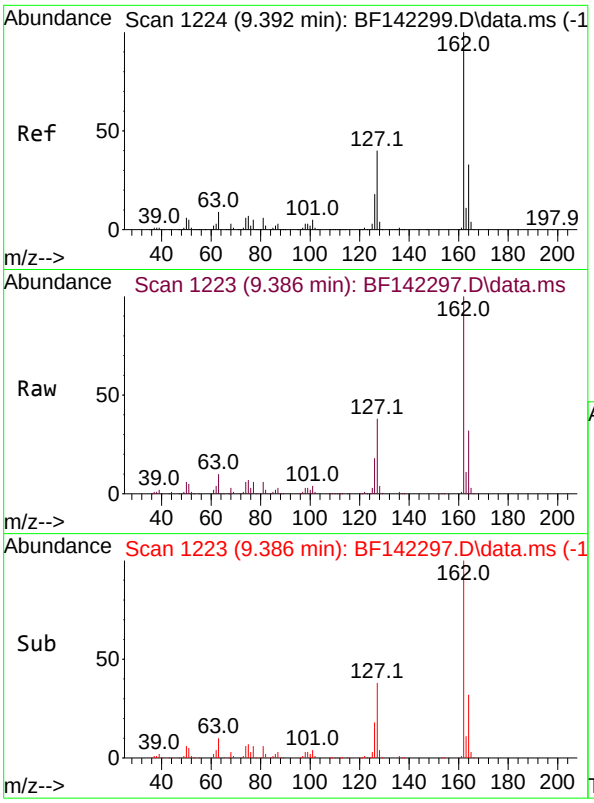


#46
1,1'-Biphenyl
Concen: 10.702 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:154 Resp: 370629

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.5	60.5
76	11.5	0.0	32.8

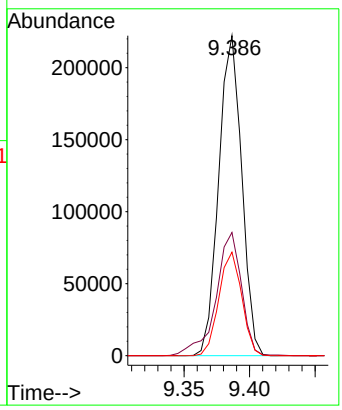




#47
2-Chloronaphthalene
Concen: 10.503 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:162 Resp: 27050

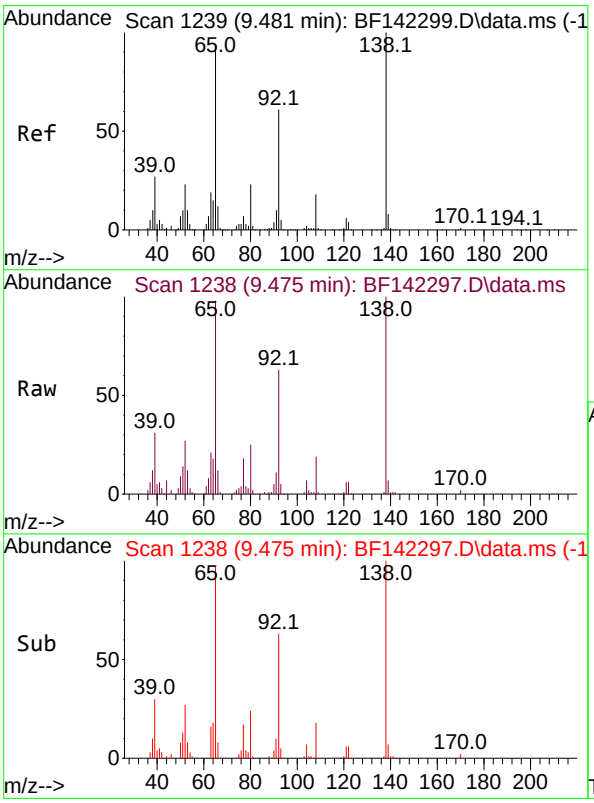
Ion	Ratio	Lower	Upper
162	100		
127	38.5	32.3	48.5
164	32.4	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

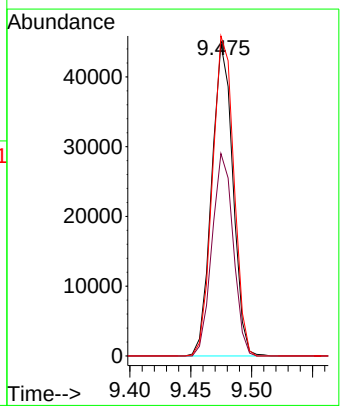
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

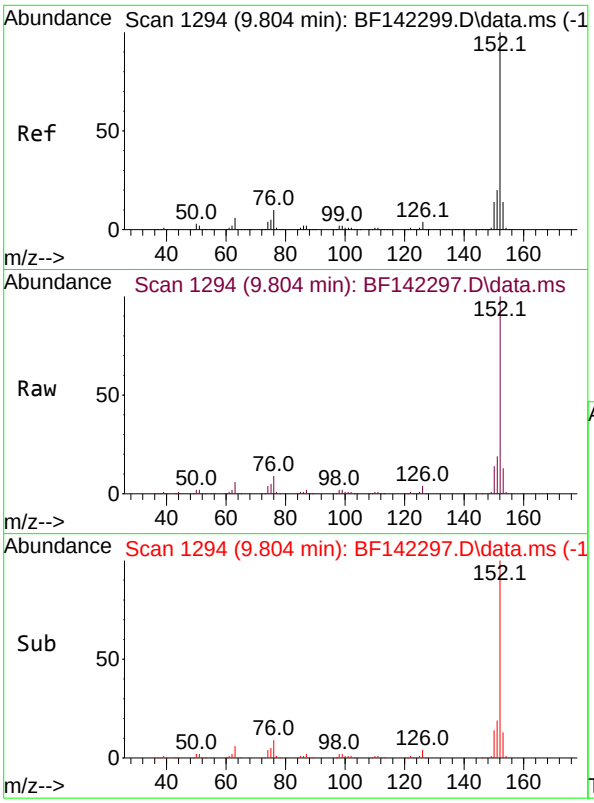


#48
2-Nitroaniline
Concen: 8.208 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 65 Resp: 54180

Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.3	78.5
138	102.5	85.6	128.4

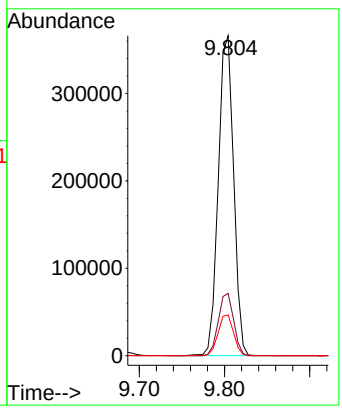




#49
Acenaphthylene
Concen: 10.616 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:152 Resp: 45735

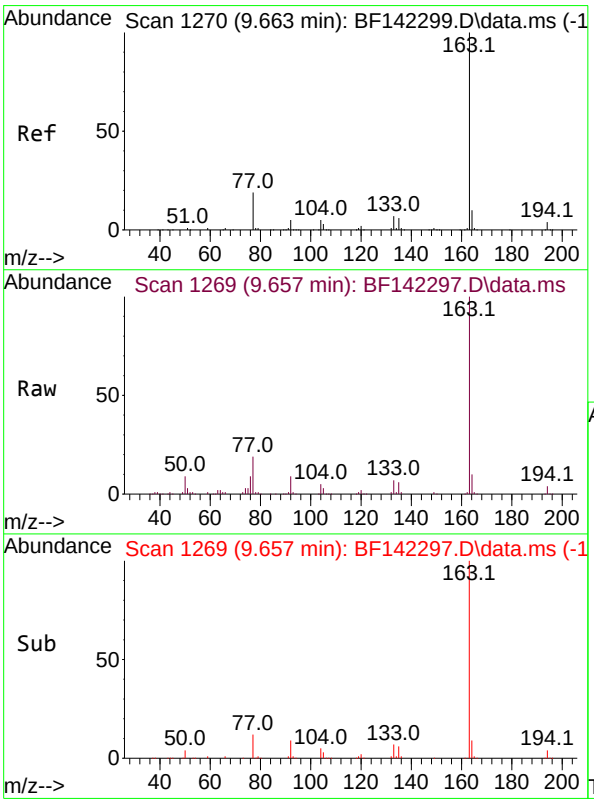
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	12.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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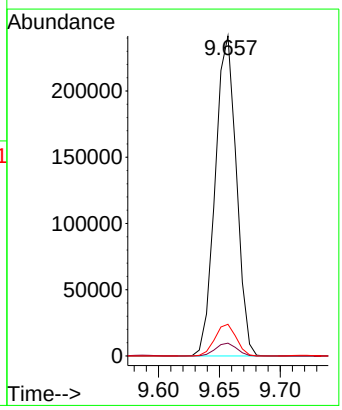
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

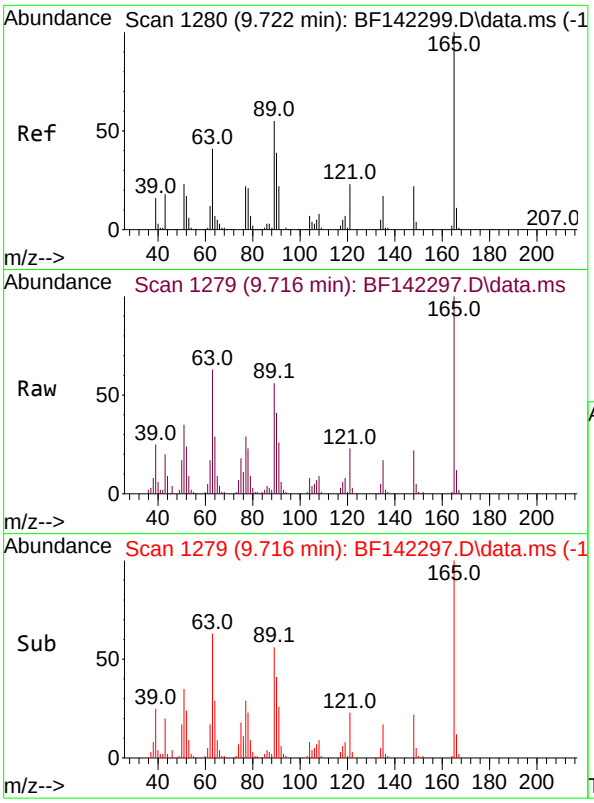


#50
Dimethylphthalate
Concen: 10.080 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:163 Resp: 292351

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

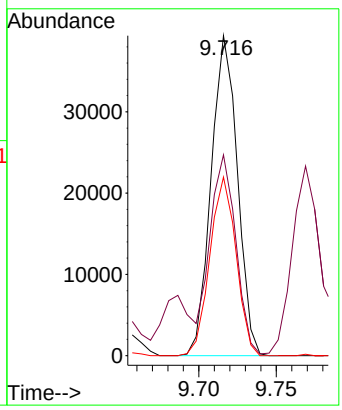
Tgt Ion:165 Resp: 4642

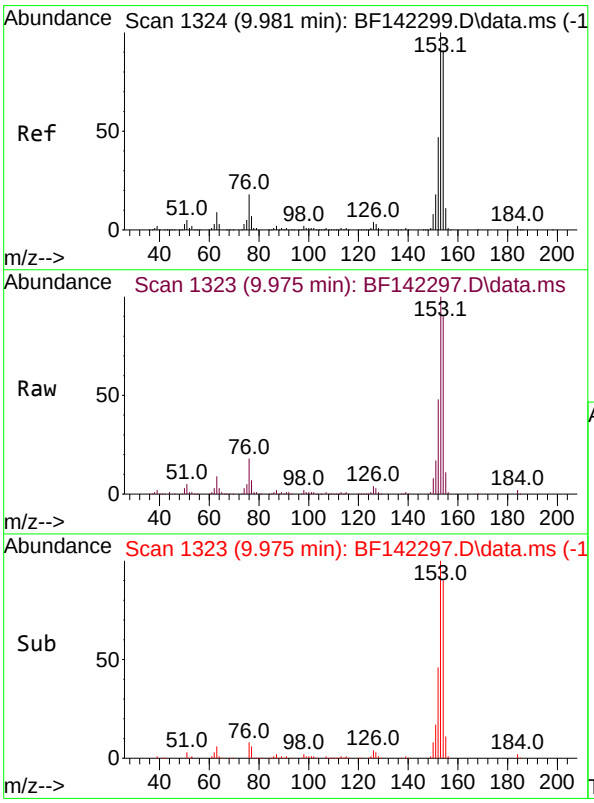
Ion	Ratio	Lower	Upper
165	100		
63	62.8	49.5	74.3
89	55.8	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

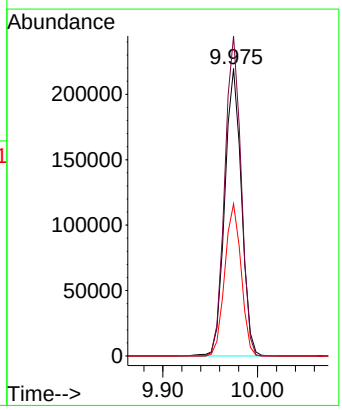


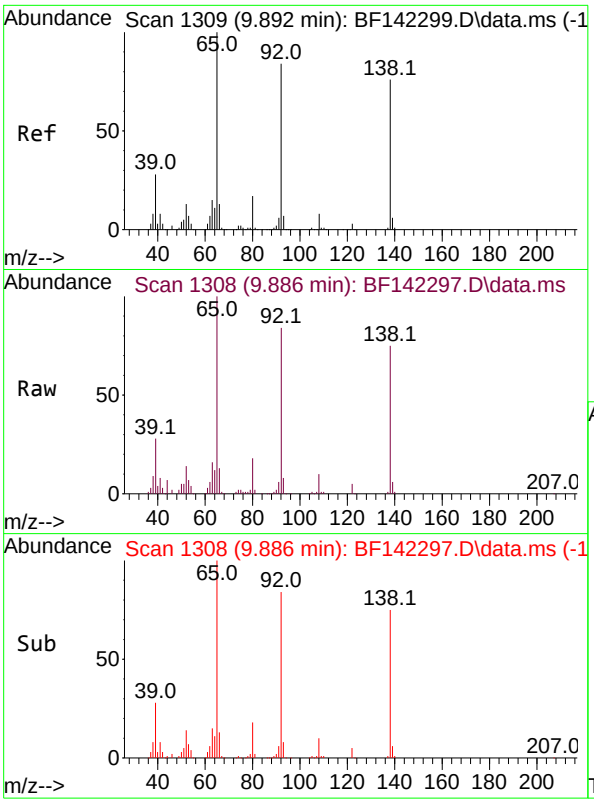


#52
Acenaphthene
Concen: 10.384 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:154 Resp: 268993

Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.0	132.0
152	53.0	41.6	62.4





#53
3-Nitroaniline
Concen: 8.443 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

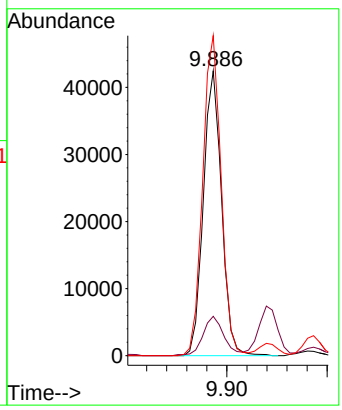
Tgt Ion:138 Resp: 5375

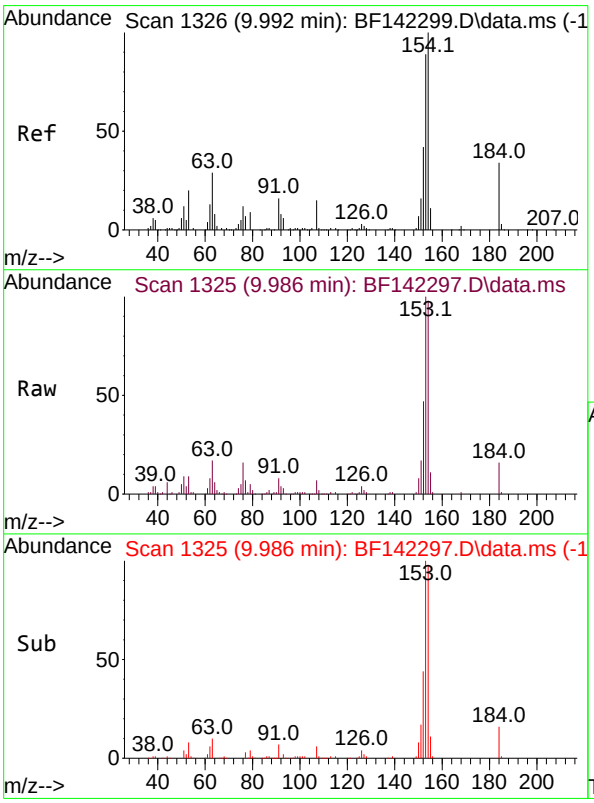
Ion	Ratio	Lower	Upper
138	100		
108	13.8	8.7	13.1#
92	112.4	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

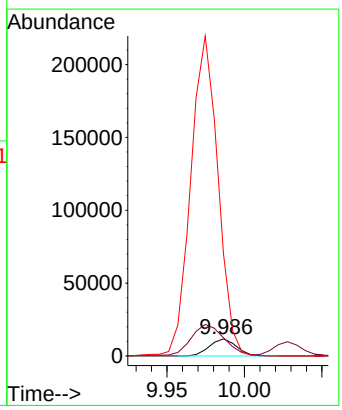


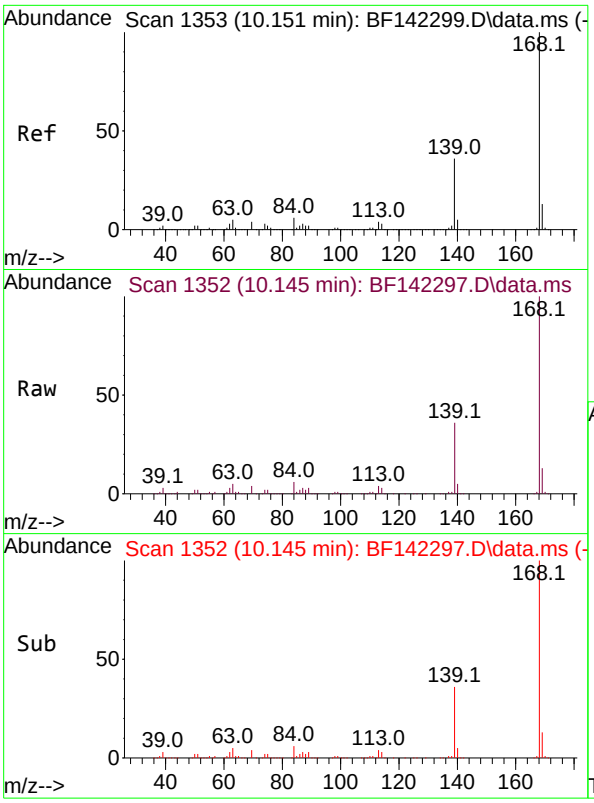


#54
2,4-Dinitrophenol
Concen: 12.133 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:184 Resp: 14043

Ion	Ratio	Lower	Upper
184	100		
63	106.4	70.6	105.8#
154	596.9	257.2	385.8#

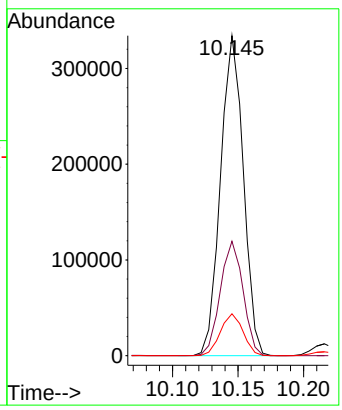




#55
Dibenzofuran
Concen: 10.573 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:168 Resp: 40421

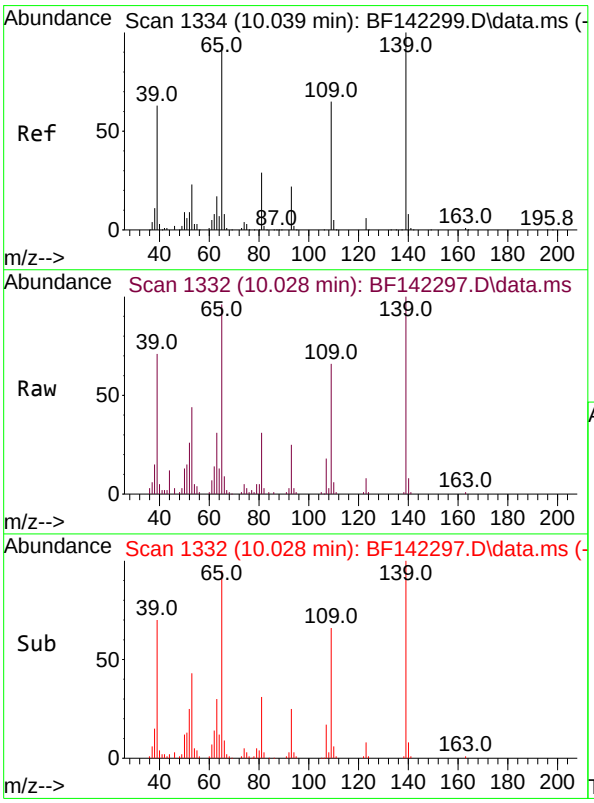
Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.0	43.4
169	13.1	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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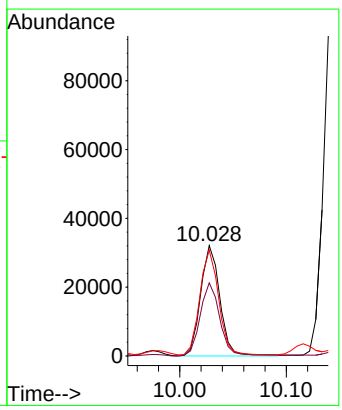
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

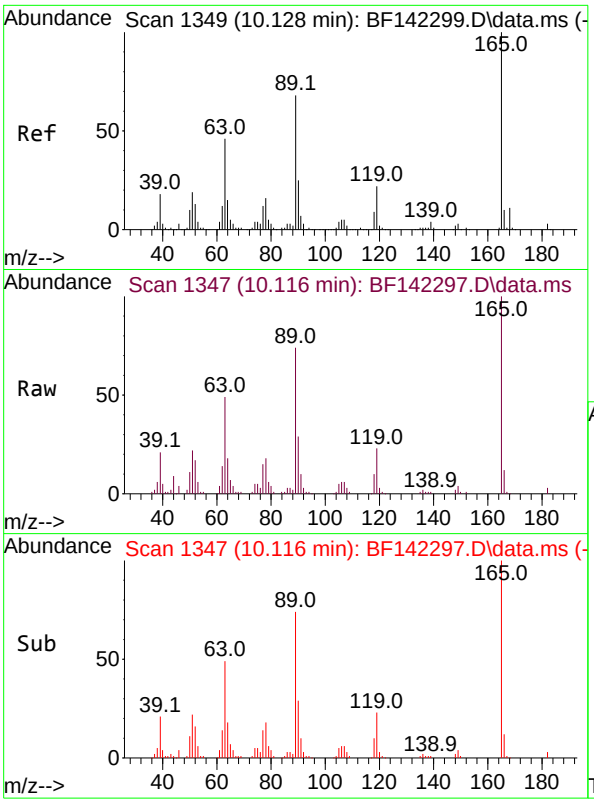


#56
4-Nitrophenol
Concen: 8.407 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:139 Resp: 40283

Ion	Ratio	Lower	Upper
139	100		
109	66.2	45.3	85.3
65	95.8	73.9	113.9

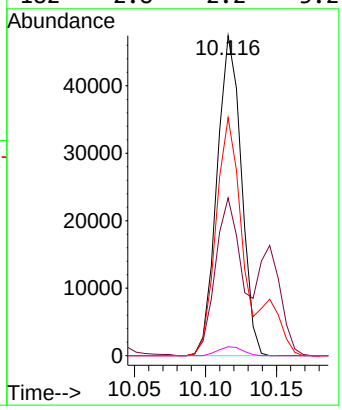




#57
2,4-Dinitrotoluene
Concen: 8.120 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:165 Resp: 5654

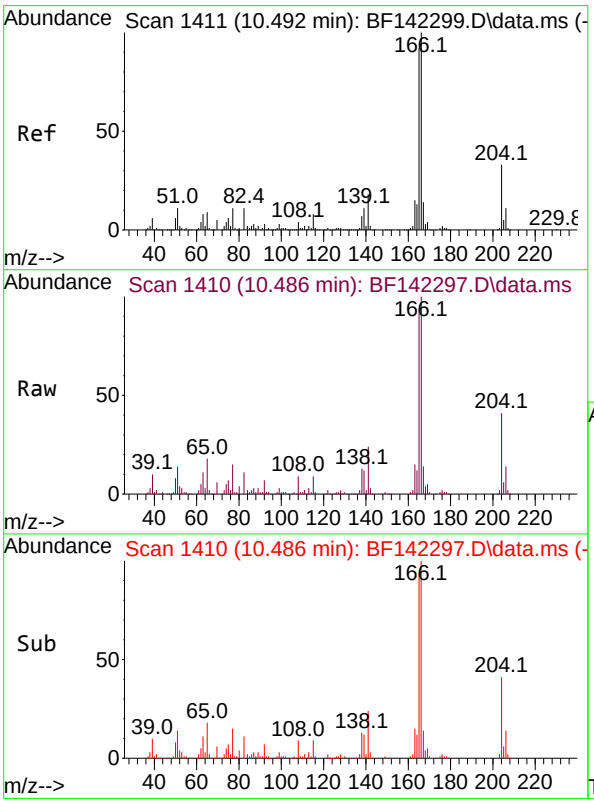
Ion	Ratio	Lower	Upper
165	100		
63	49.3	37.1	55.7
89	74.4	54.4	81.6
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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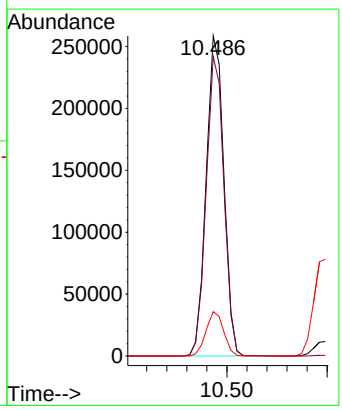
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

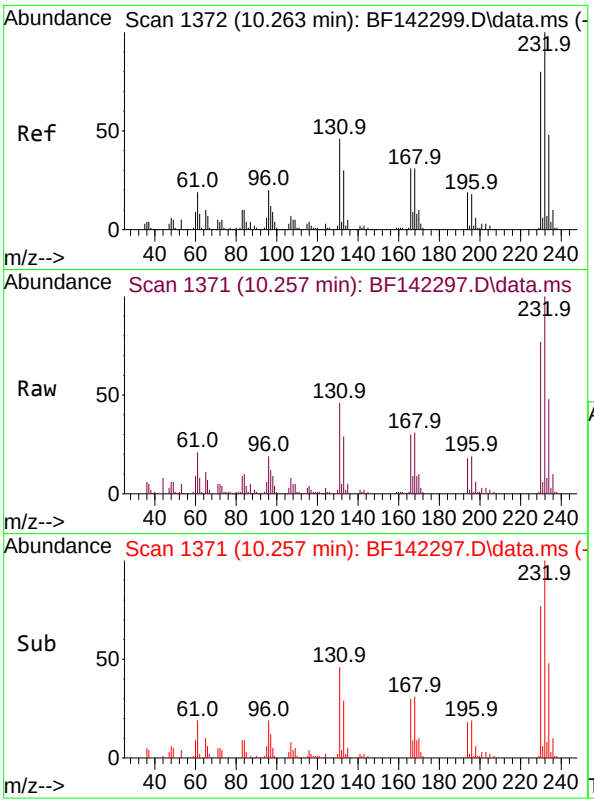


#58
Fluorene
Concen: 10.892 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:166 Resp: 317792

Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.0	111.0
167	13.9	10.9	16.3

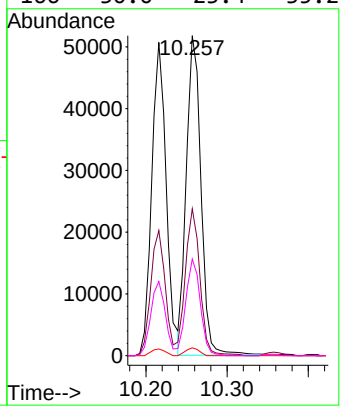




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.316 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:232 Resp: 6510

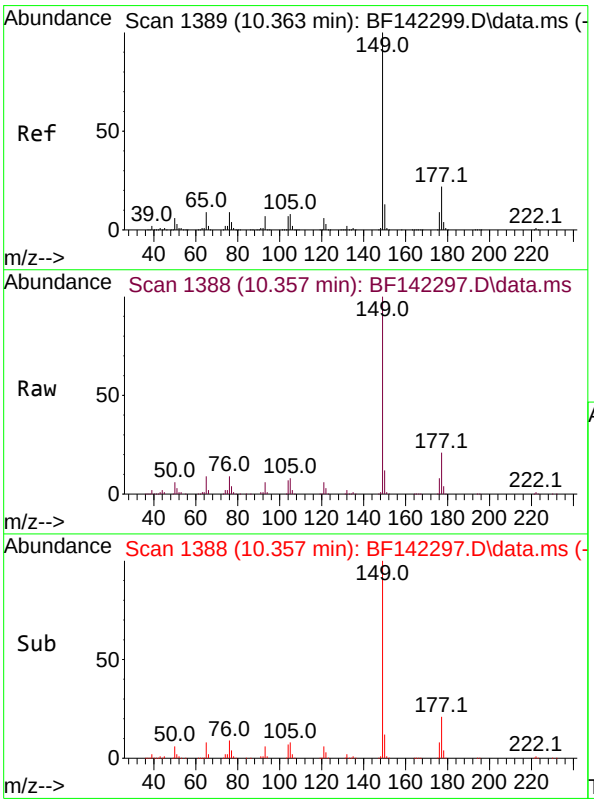
Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.0	54.0
130	2.2	1.8	2.6
166	30.0	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

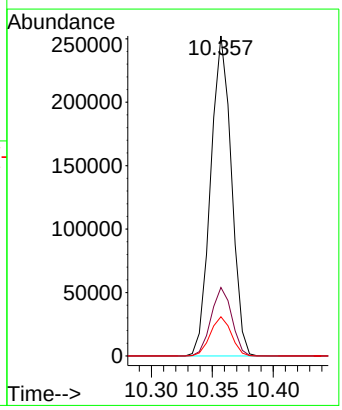
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

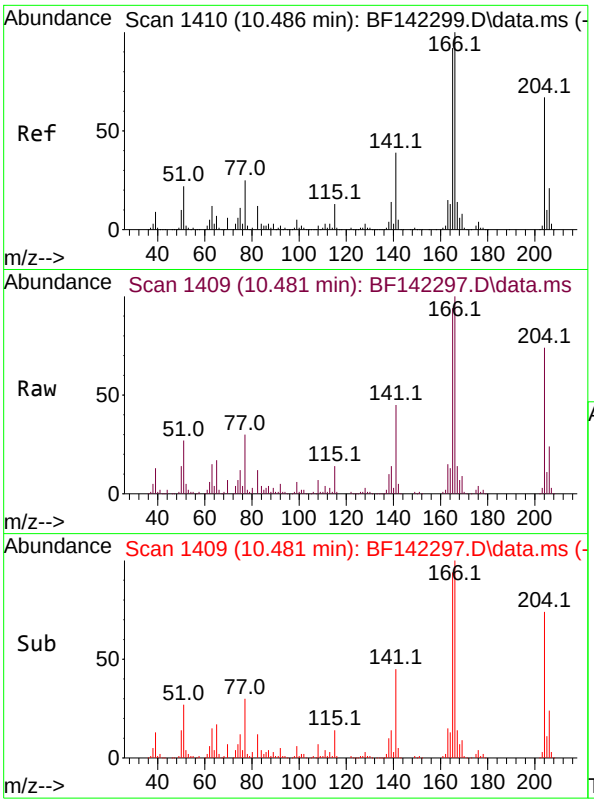


#60
Diethylphthalate
Concen: 10.329 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 299154

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.6	26.4
150	12.3	10.1	15.1

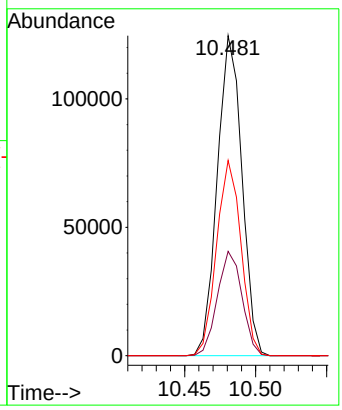




#61
4-Chlorophenyl-phenylether
Concen: 10.683 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:204 Resp: 15037

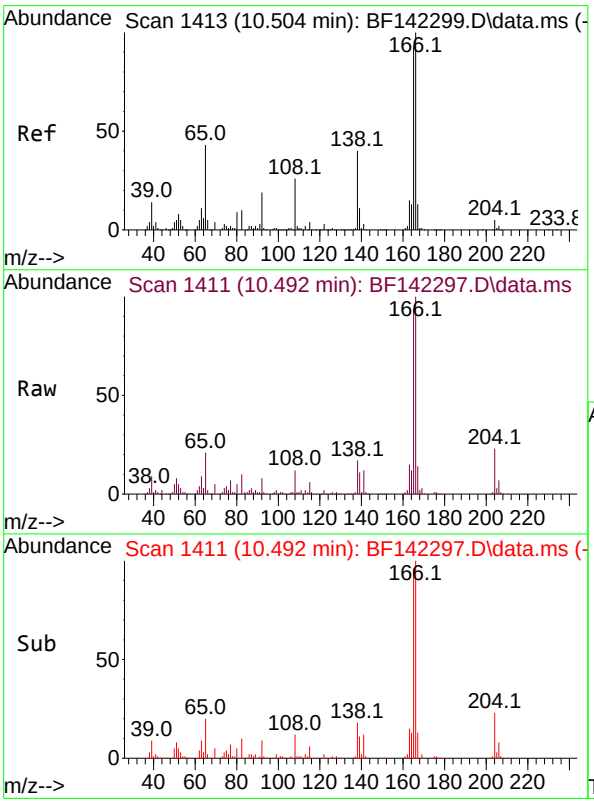
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	61.0	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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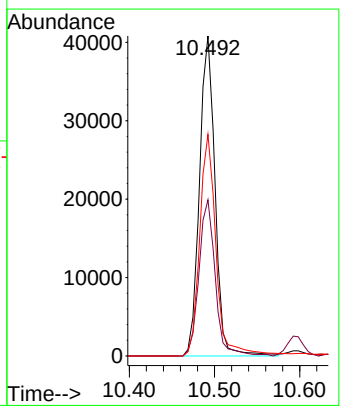
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

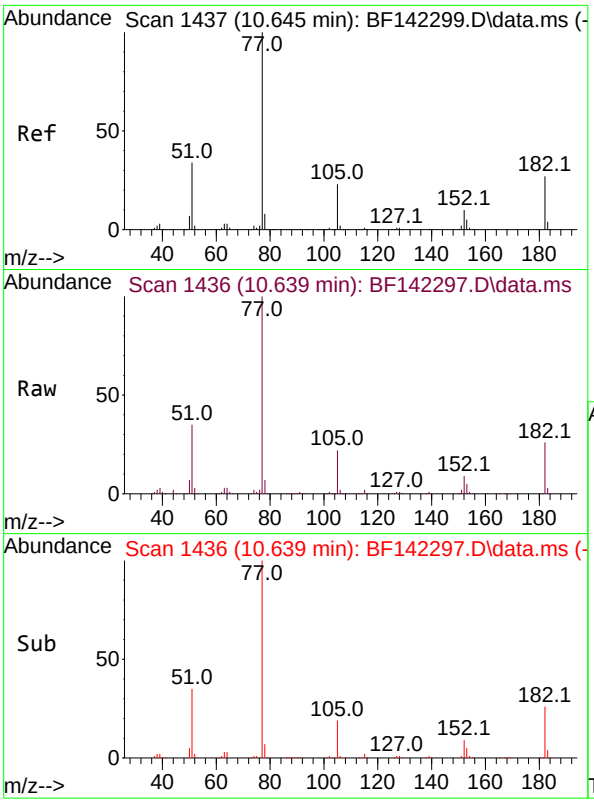


#62
4-Nitroaniline
Concen: 10.274 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:138 Resp: 51843

Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.3	67.3
108	69.2	45.1	85.1

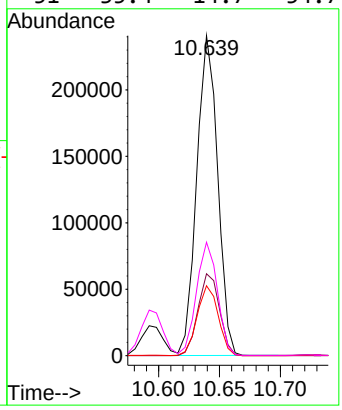




#63
Azobenzene
Concen: 10.372 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion: 77 Resp: 28706

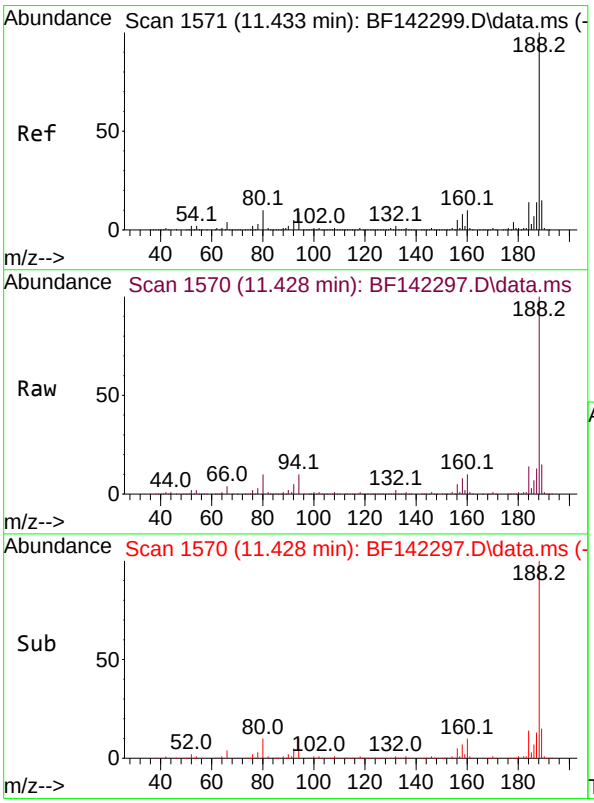
Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.9	46.9
105	21.9	2.7	42.7
51	35.4	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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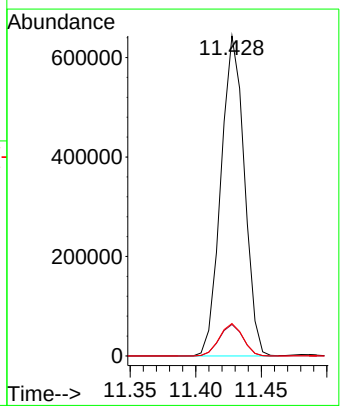
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

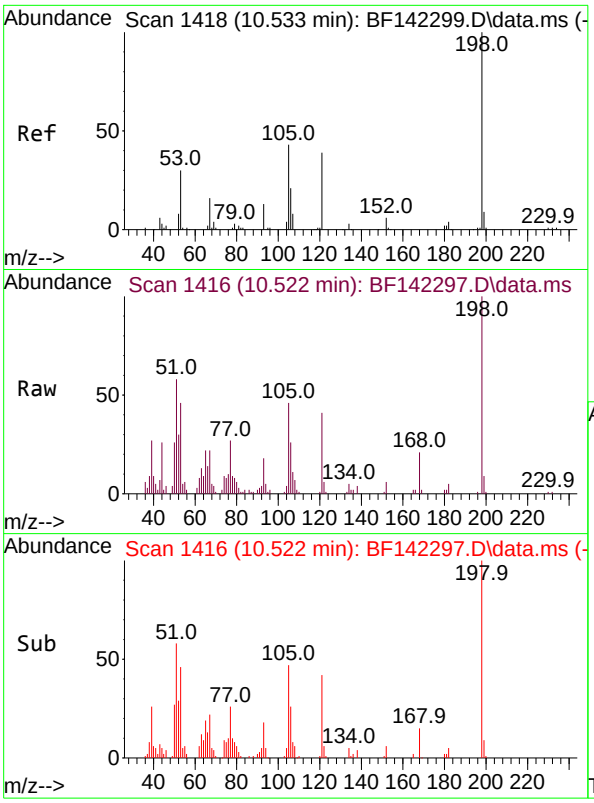


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:188 Resp: 799418

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.2	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 11.925 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

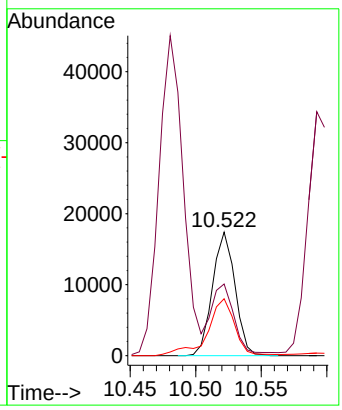
Tgt Ion:198 Resp: 2077

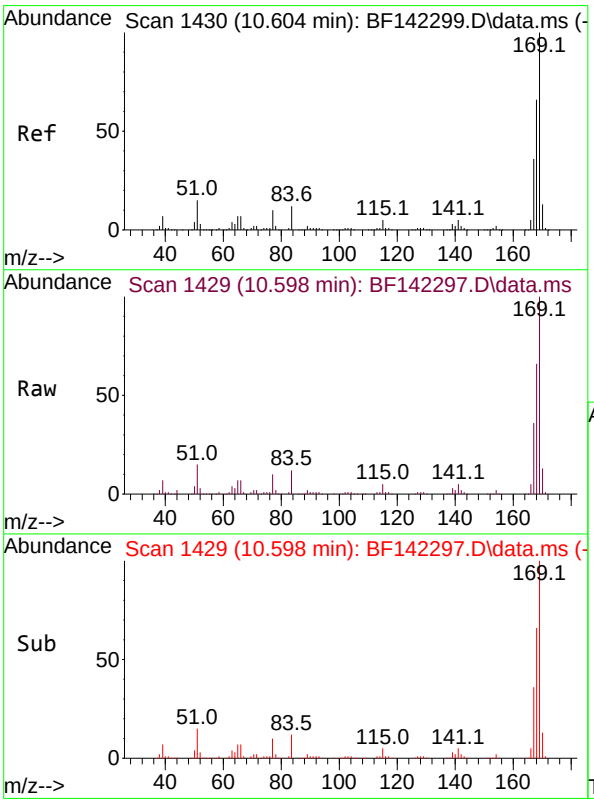
Ion	Ratio	Lower	Upper
198	100		
51	58.1	32.9	72.9
105	46.1	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

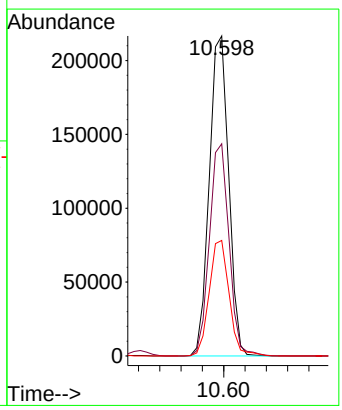


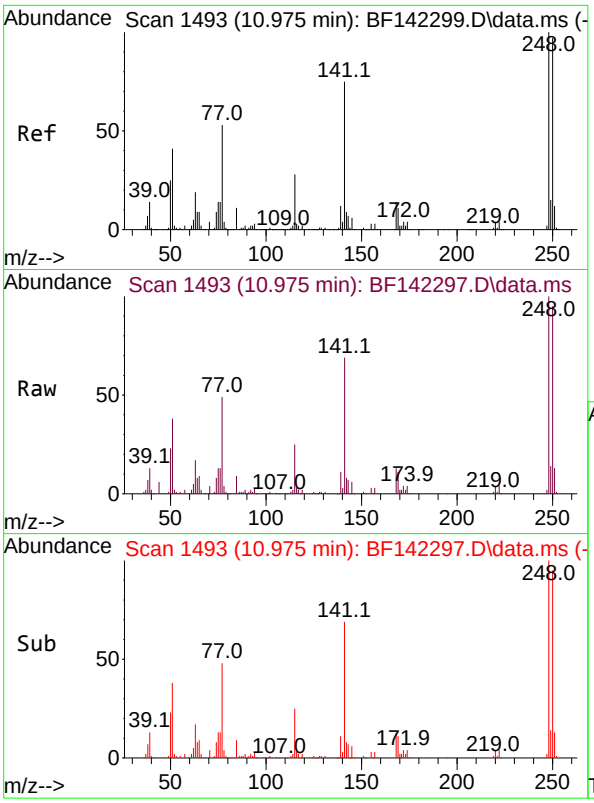


#66
n-Nitrosodiphenylamine
Concen: 10.268 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:169 Resp: 273145

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.1	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 10.008 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

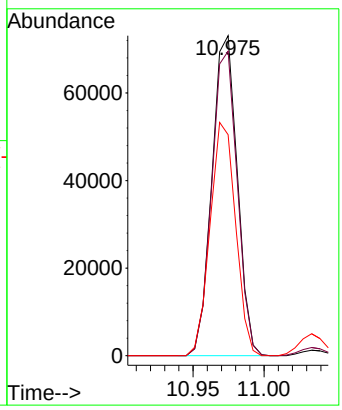
Tgt Ion:248 Resp: 9066

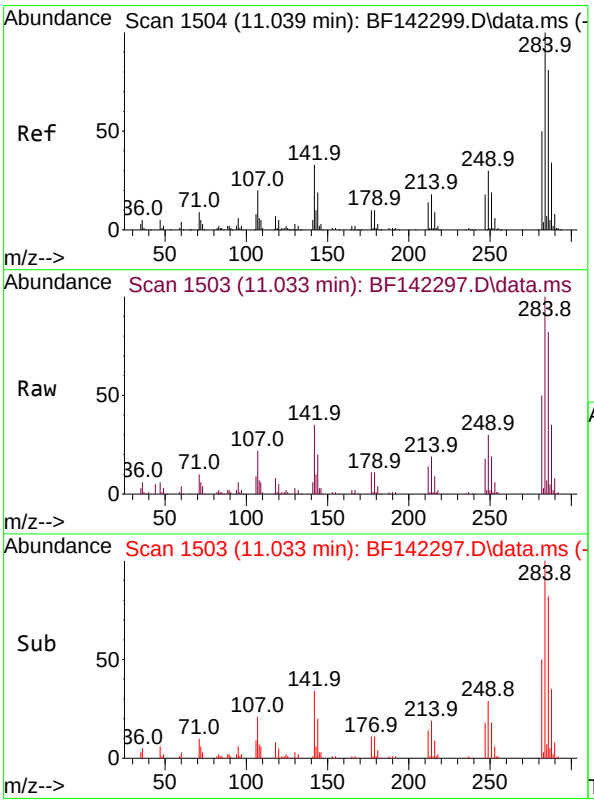
Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.9	116.9
141	69.0	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

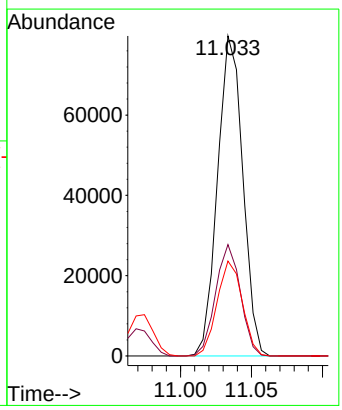


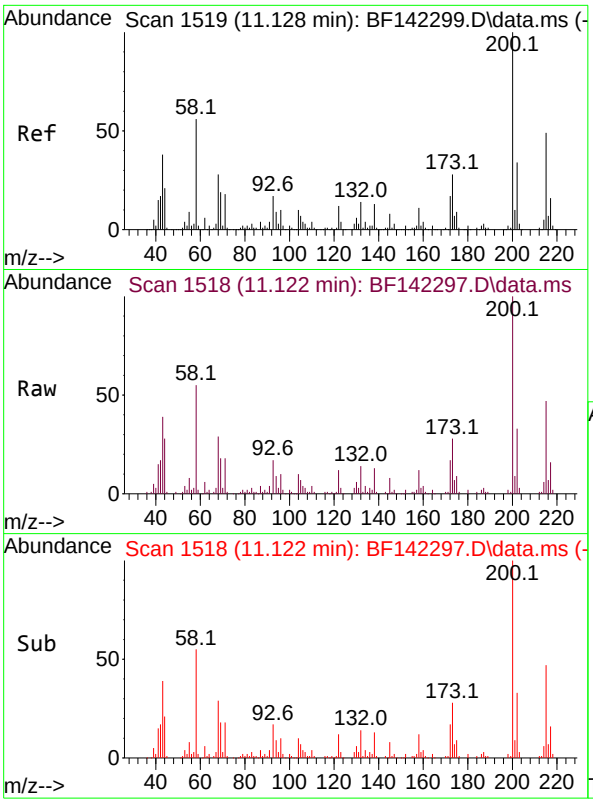


#68
Hexachlorobenzene
Concen: 9.876 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:284 Resp: 98422

Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.6	39.8
249	29.7	24.1	36.1

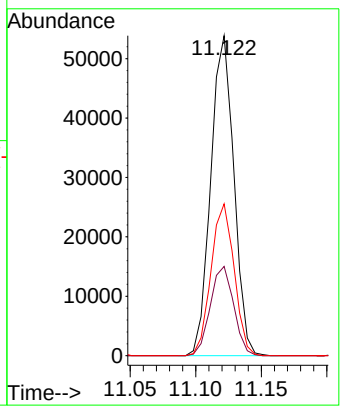




#69
Atrazine
Concen: 9.400 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:200 Resp: 6591

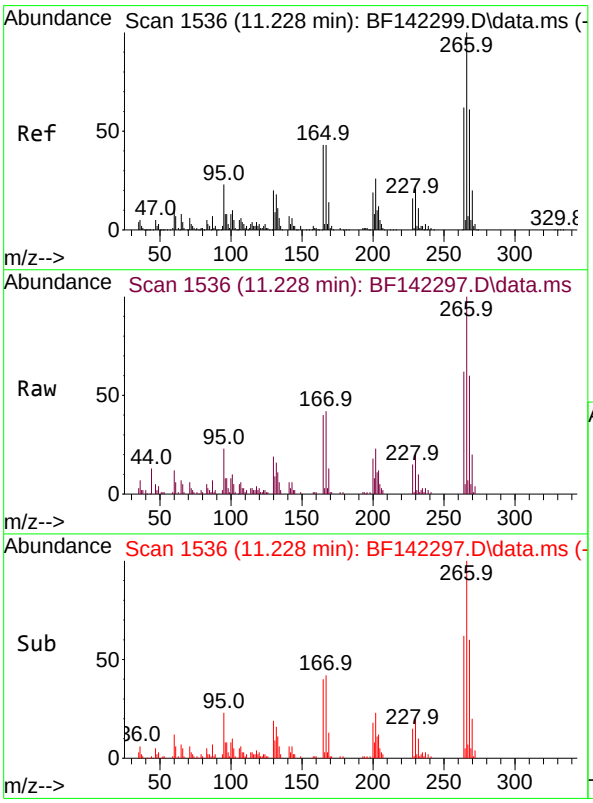
Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.1	48.1
215	47.5	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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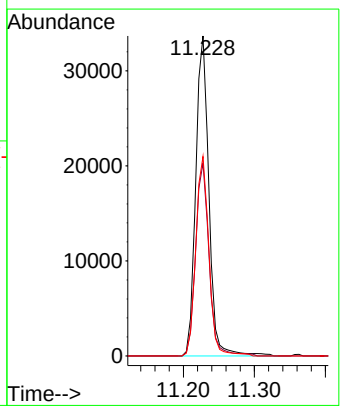
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

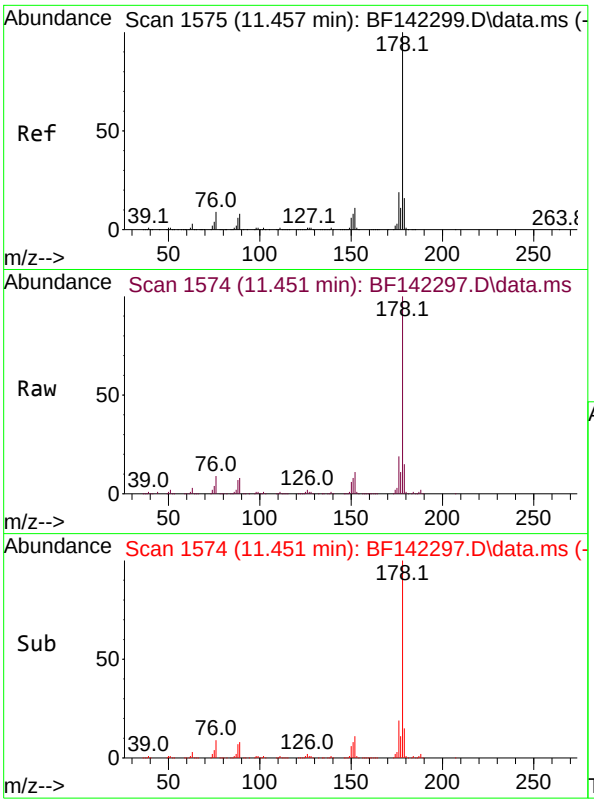


#70
Pentachlorophenol
Concen: 8.302 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:266 Resp: 43524

Ion	Ratio	Lower	Upper
266	100		
268	60.2	48.7	73.1
264	62.3	49.8	74.6

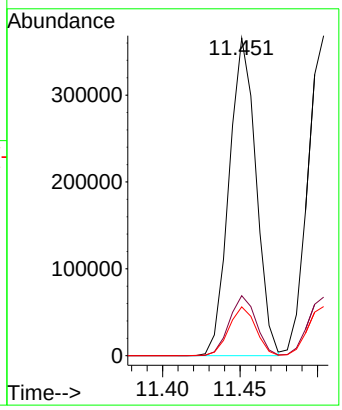




#71
Phenanthrene
Concen: 10.512 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:178 Resp: 44050

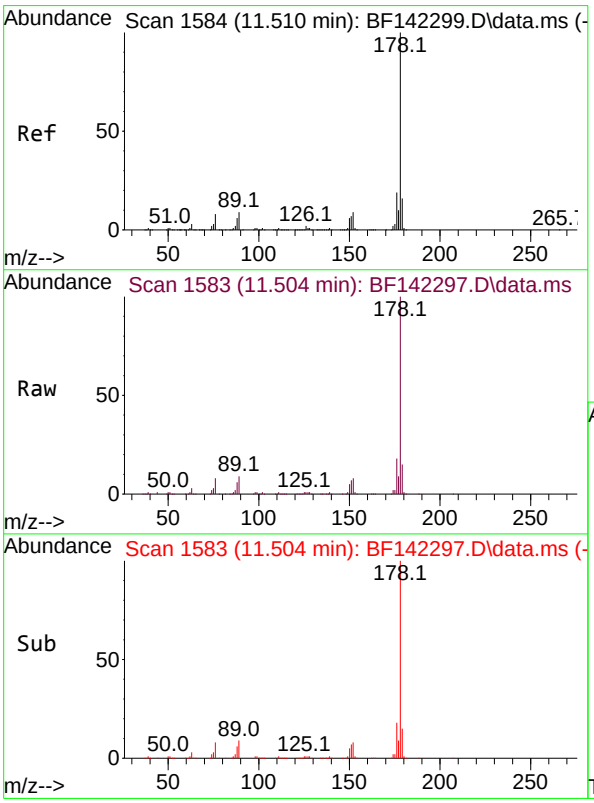
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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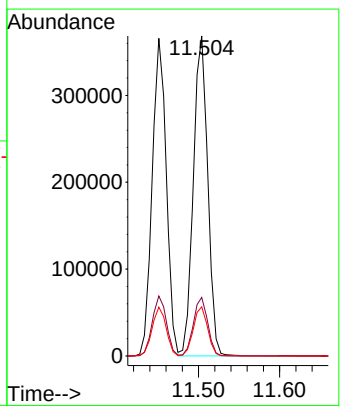
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

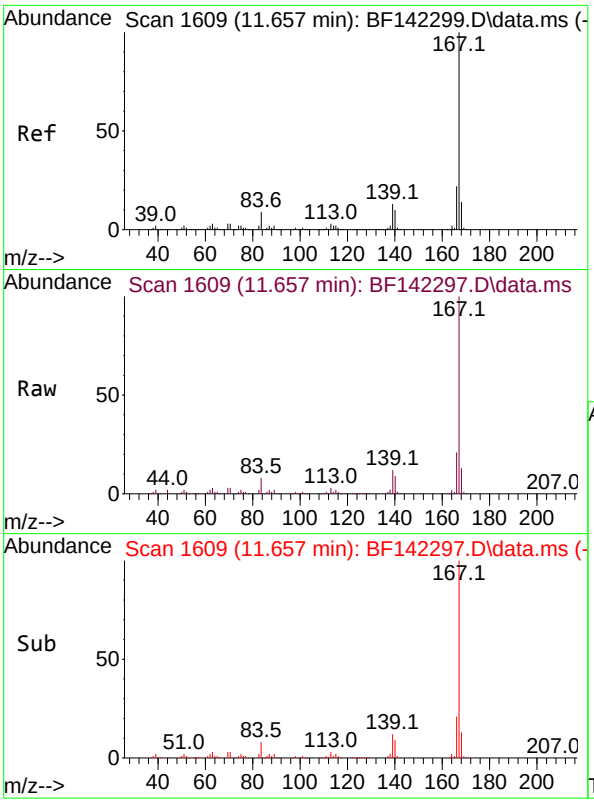


#72
Anthracene
Concen: 10.545 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:178 Resp: 454013

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.3	12.6	18.8

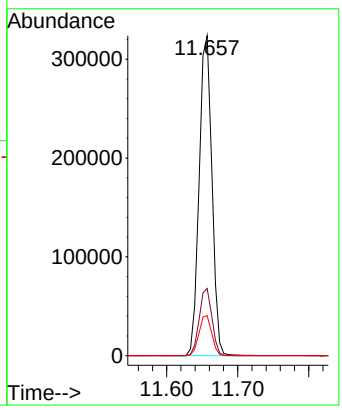




#73
Carbazole
Concen: 10.511 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:167 Resp: 40600

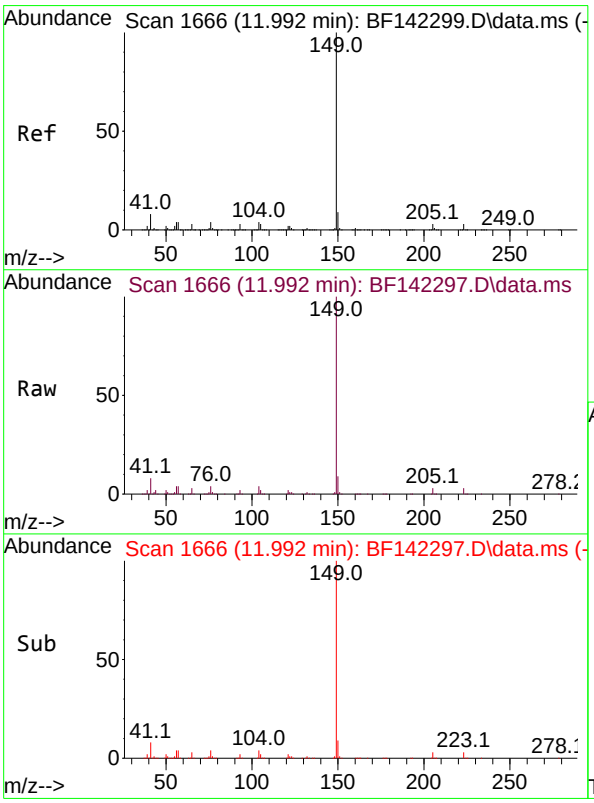
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.5	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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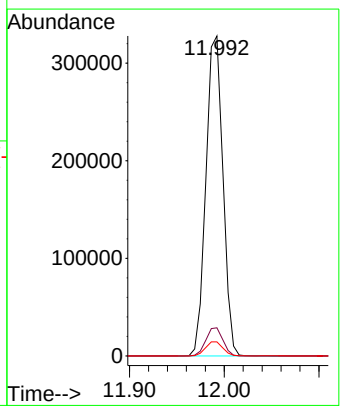
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

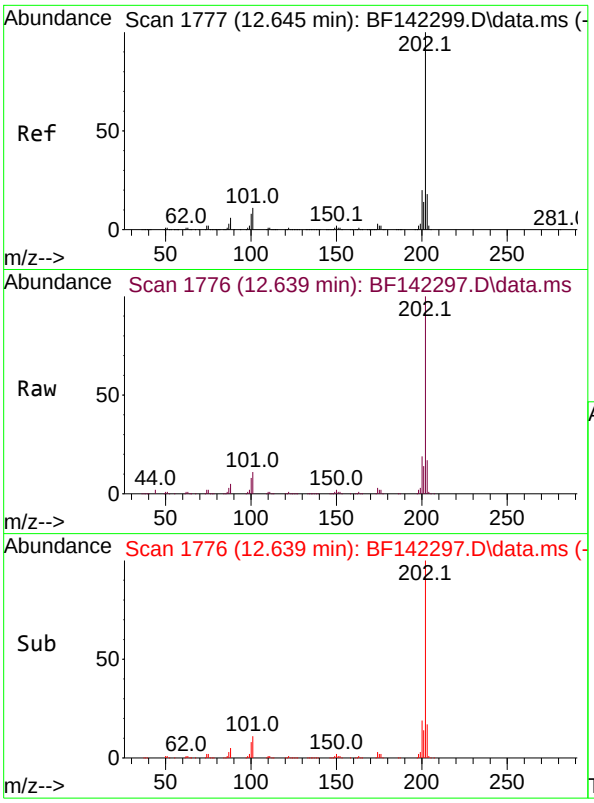


#74
Di-n-butylphthalate
Concen: 10.060 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 408614

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	4.4	3.6	5.4





#75
Fluoranthene
Concen: 11.011 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

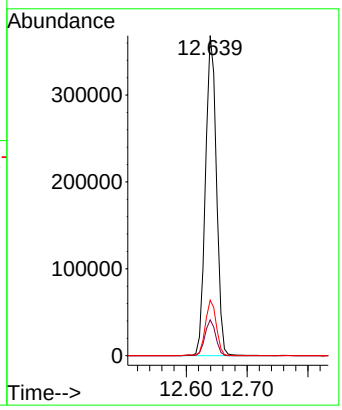
Tgt Ion:202 Resp: 46121

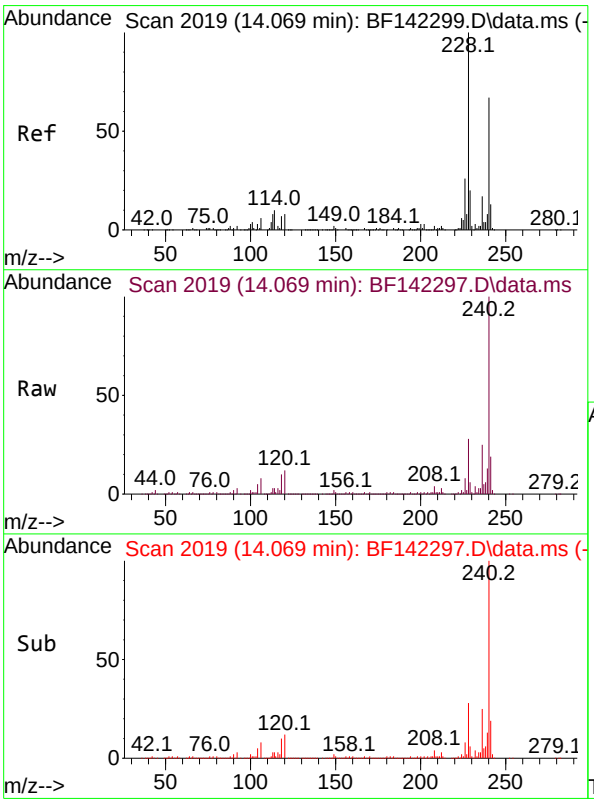
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.4	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

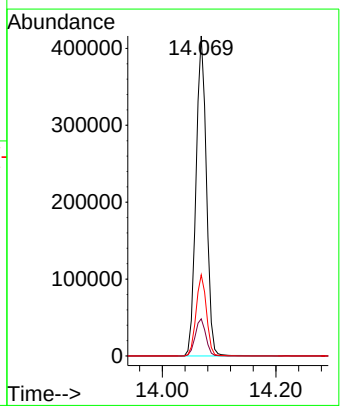


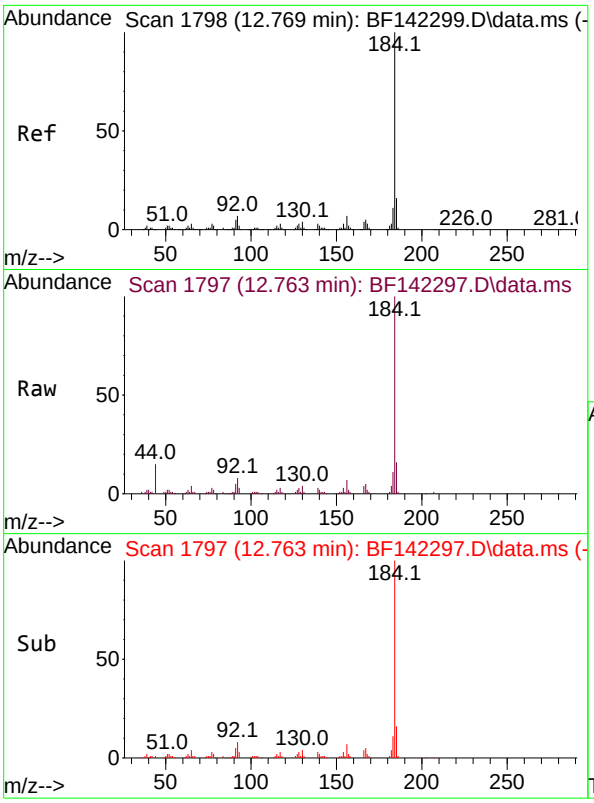


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:240 Resp: 531922

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.3	20.0	30.0

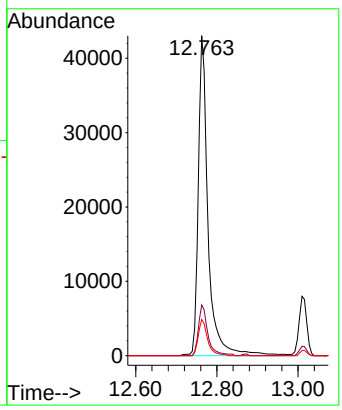




#77
Benzidine
Concen: 7.482 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:184 Resp: 7232

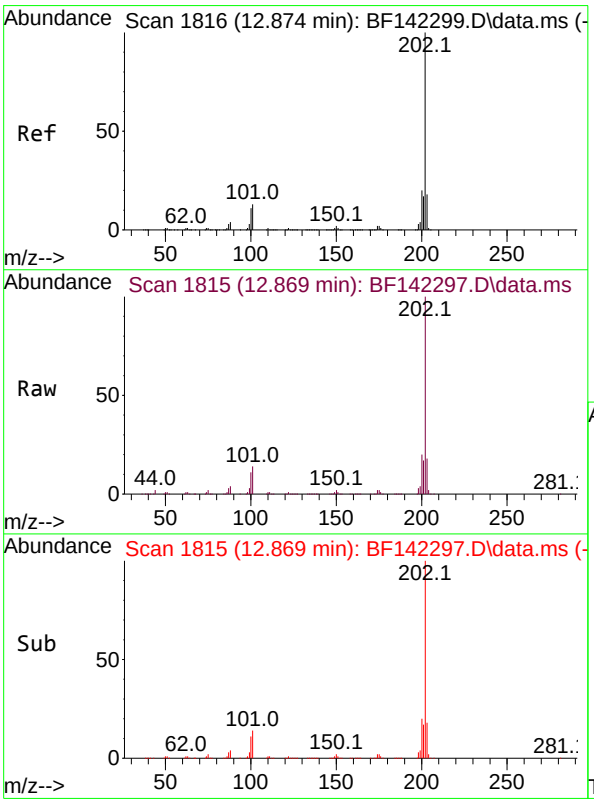
Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	11.3	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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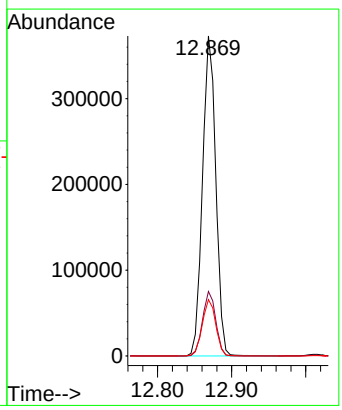
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

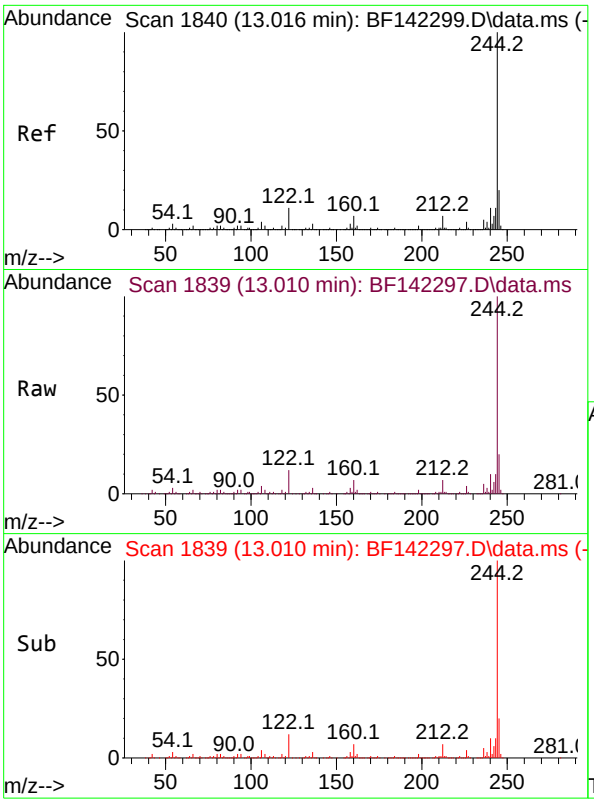


#78
Pyrene
Concen: 9.819 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:202 Resp: 464898

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.6	14.3	21.5

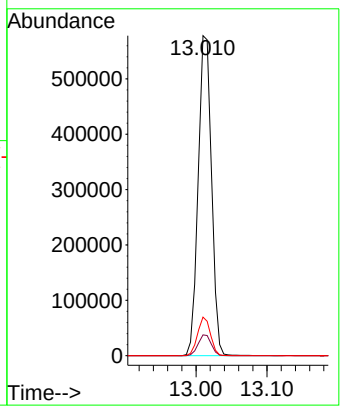




#79
Terphenyl-d14
Concen: 21.070 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:244 Resp: 75721

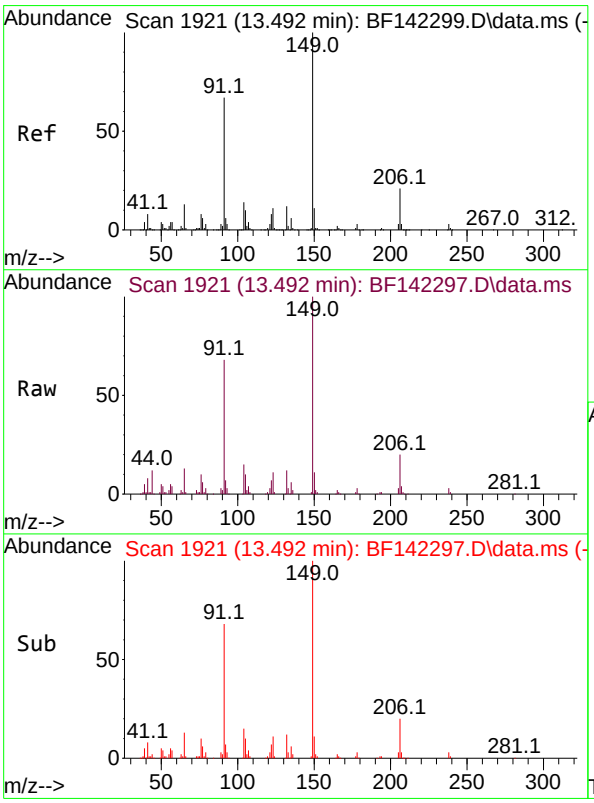
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	12.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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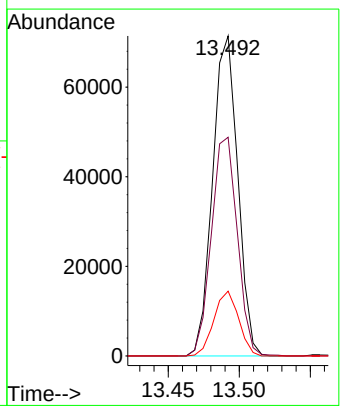
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

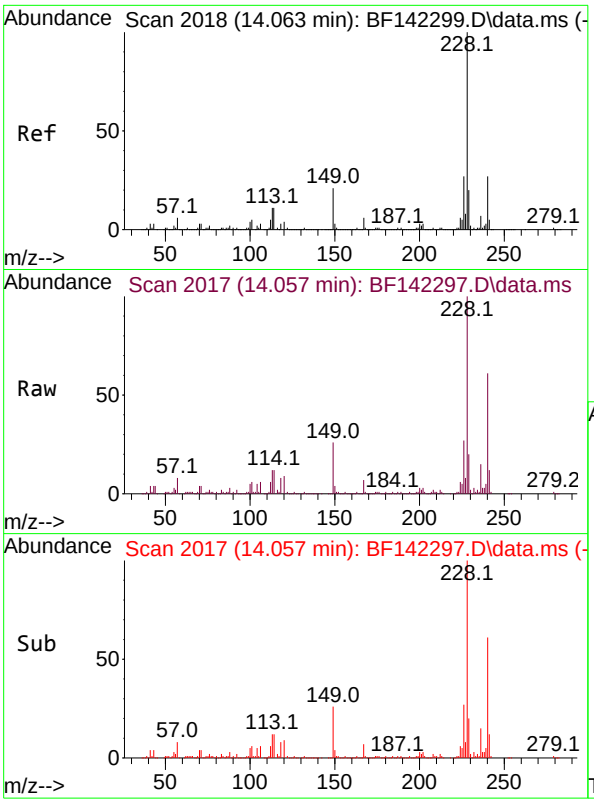


#80
Butylbenzylphthalate
Concen: 9.527 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 87770

Ion	Ratio	Lower	Upper
149	100		
91	68.4	53.8	80.6
206	20.3	16.6	24.8

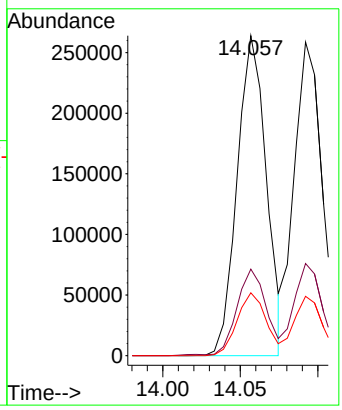




#81
Benzo(a)anthracene
Concen: 10.033 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:228 Resp: 34560

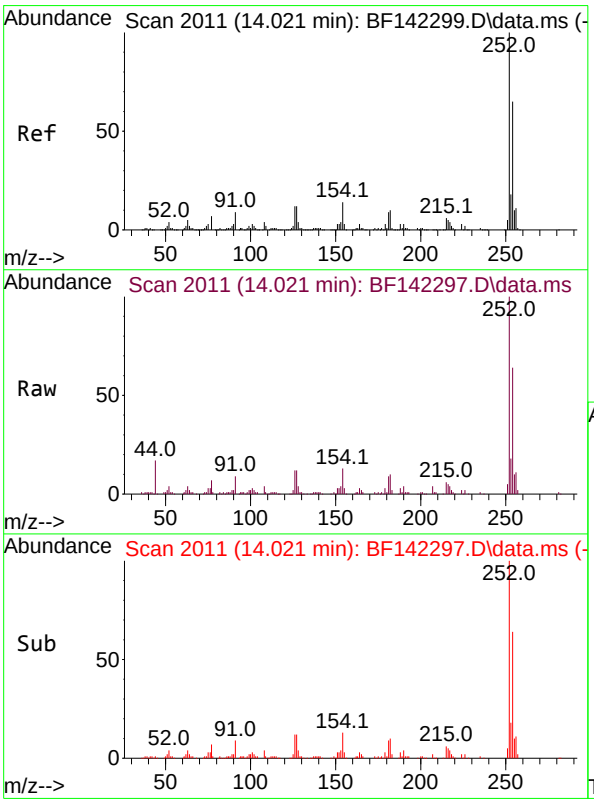
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.6	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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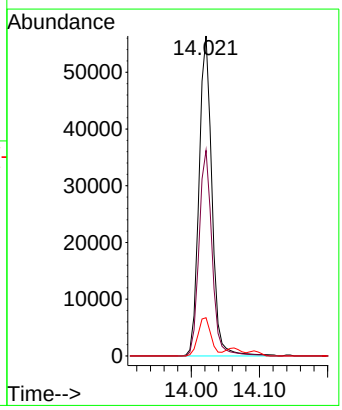
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

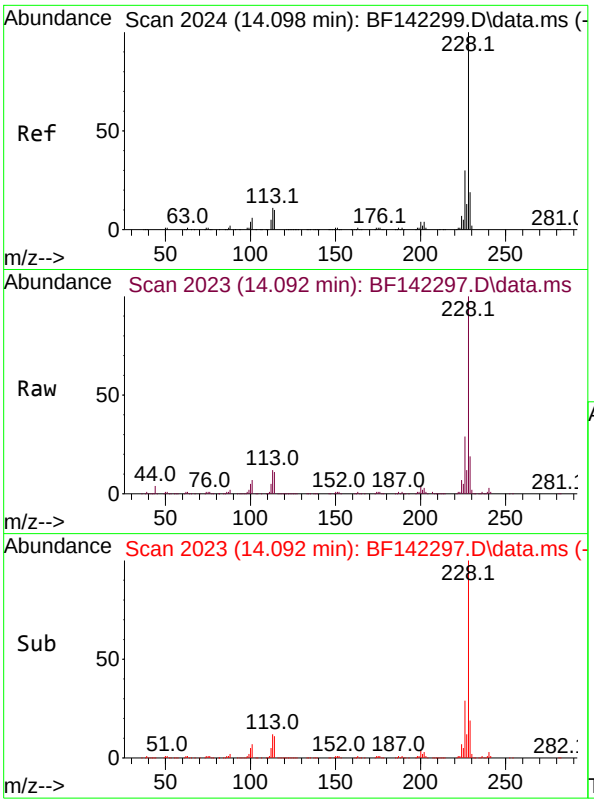


#82
3,3'-Dichlorobenzidine
Concen: 9.267 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 74238

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	12.0	9.7	14.5

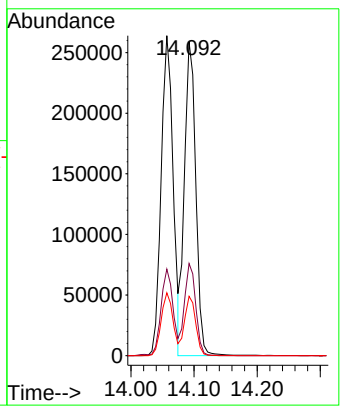




#83
Chrysene
Concen: 10.175 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:228 Resp: 32630(

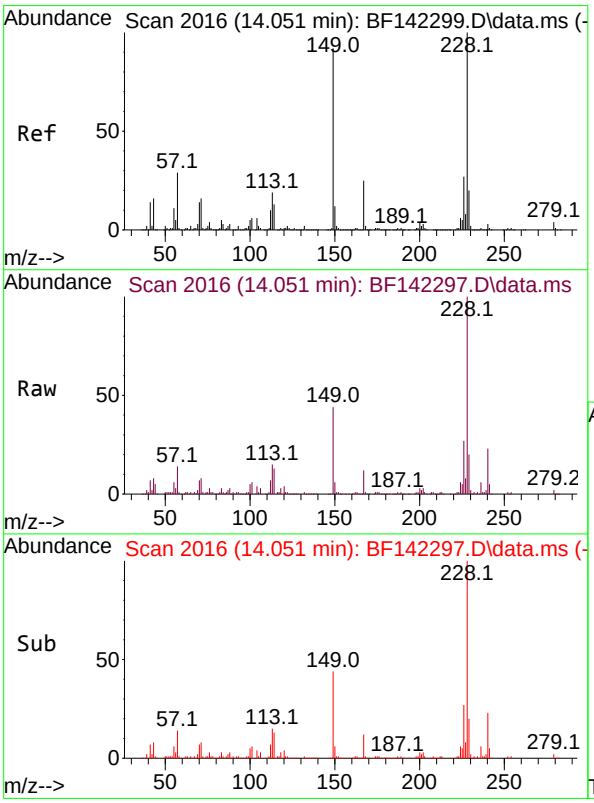
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	18.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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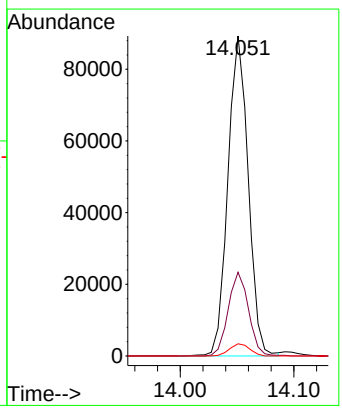
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

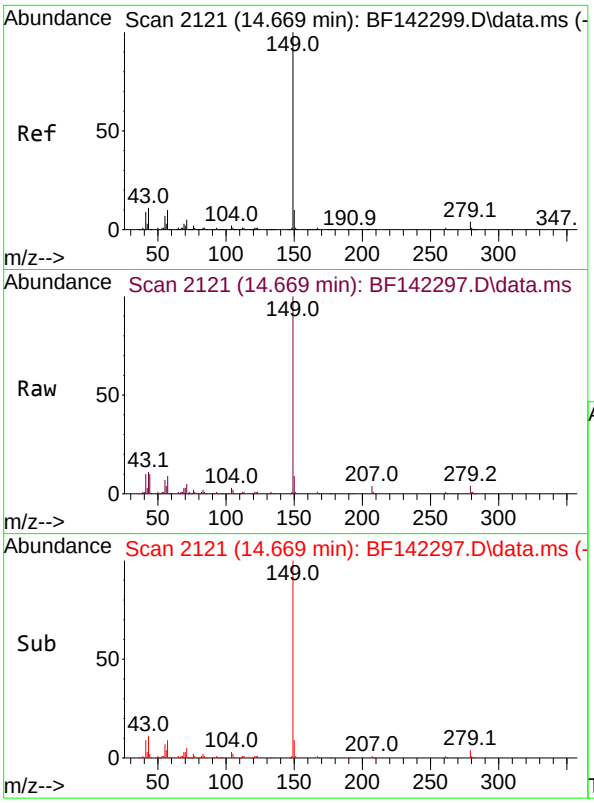


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.863 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 111032

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.0	33.0
279	3.8	3.0	4.6

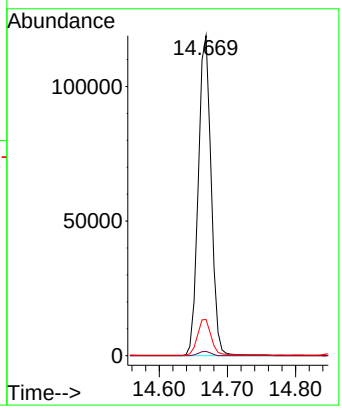




#85
Di-n-octyl phthalate
Concen: 11.860 ng
RT: 14.669 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:149 Resp: 15589

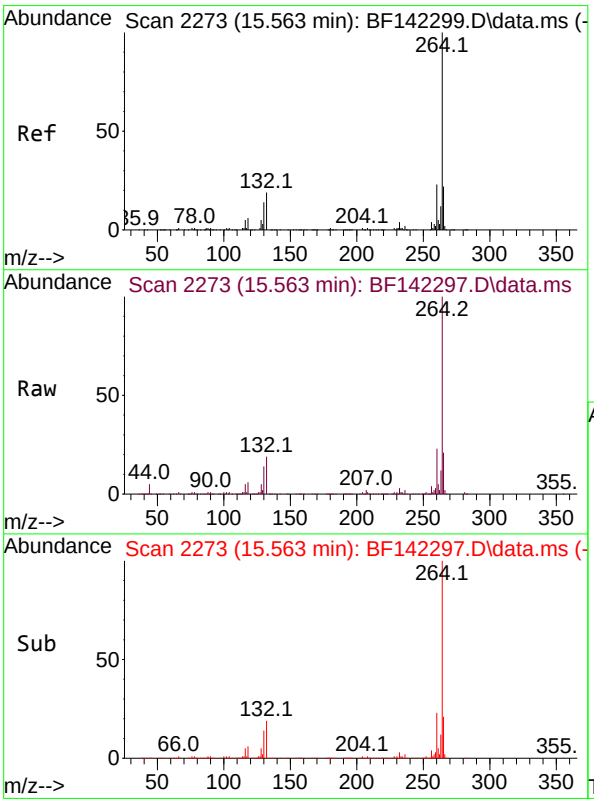
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.1	1.7
43	11.9	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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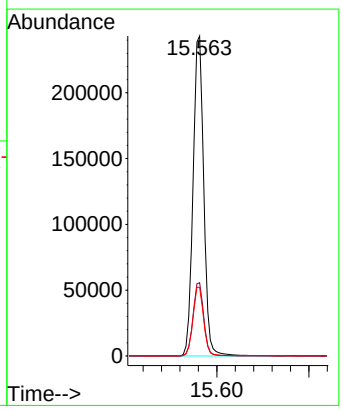
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

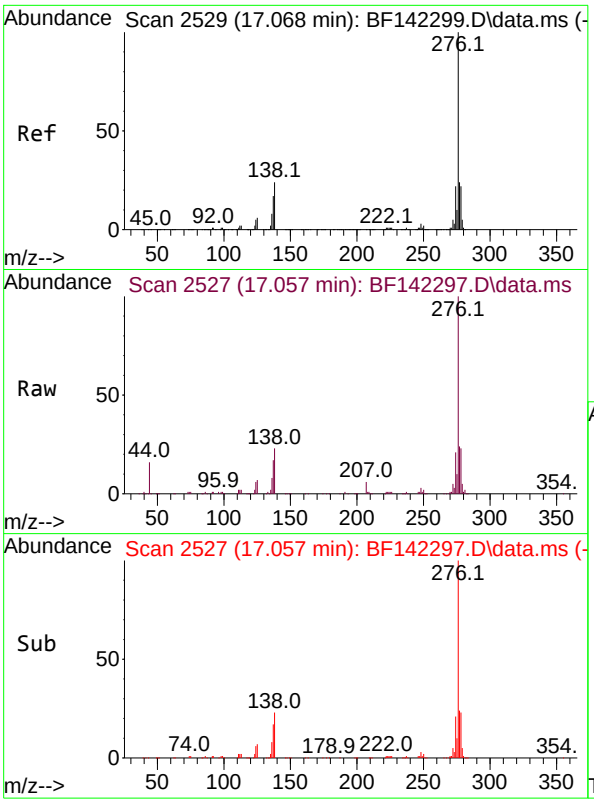


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:264 Resp: 390300

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.5	17.5	26.3

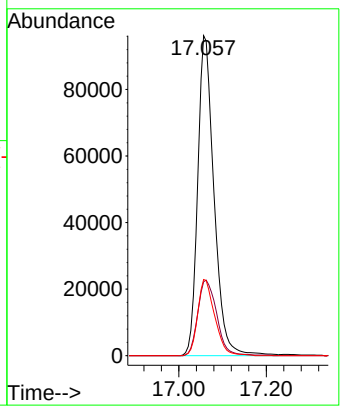




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.211 ng
RT: 17.057 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:276 Resp: 25007

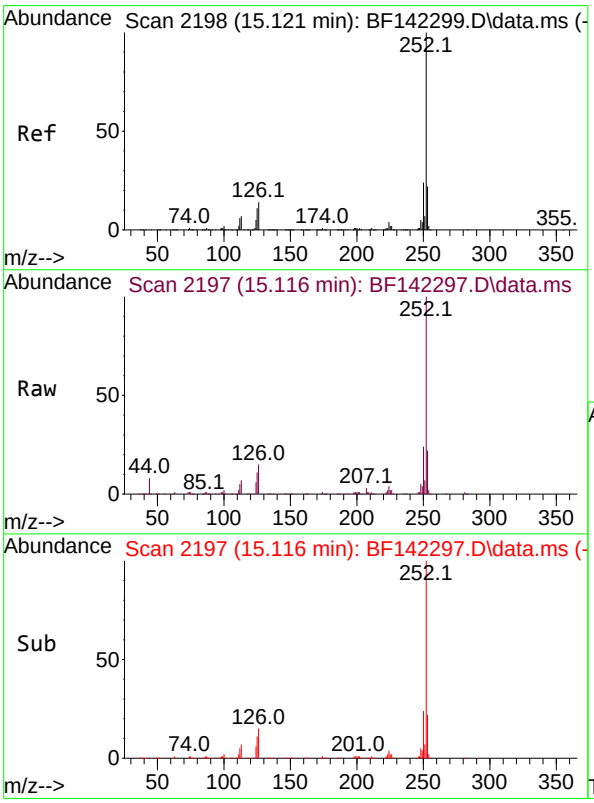
Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.0	33.0
277	24.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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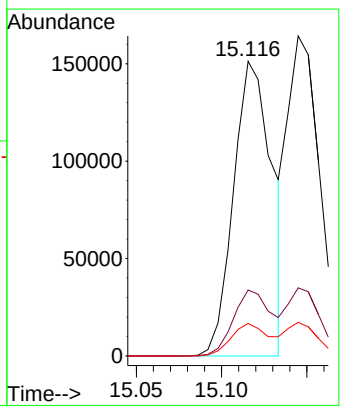
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

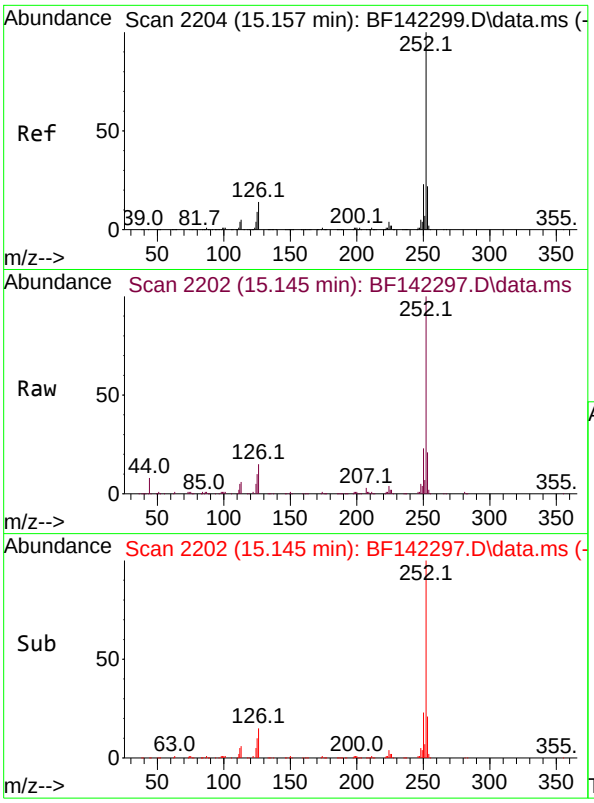


#88
Benzo(b)fluoranthene
Concen: 10.040 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 237339

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.0	8.7	13.1

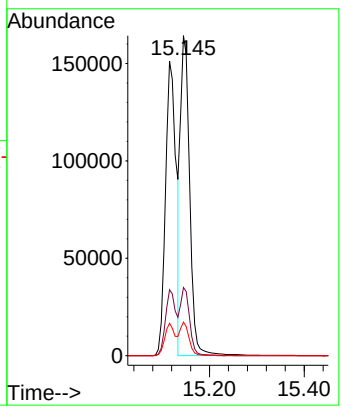




#89
Benzo(k)fluoranthene
Concen: 10.304 ng
RT: 15.145 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 22289

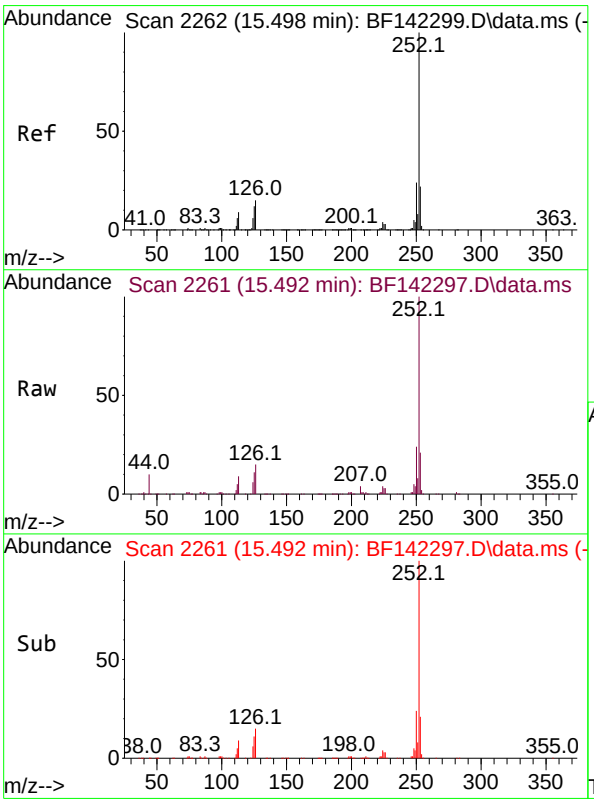
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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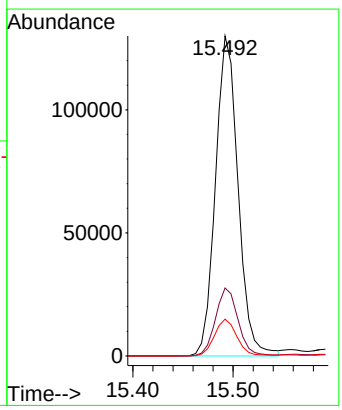
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

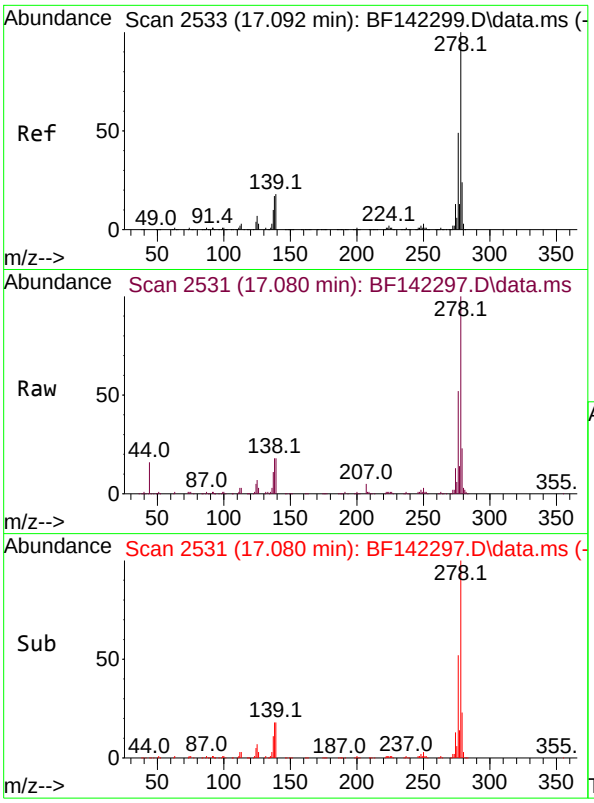


#90
Benzo(a)pyrene
Concen: 9.596 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:252 Resp: 203272

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	11.5	9.4	14.0

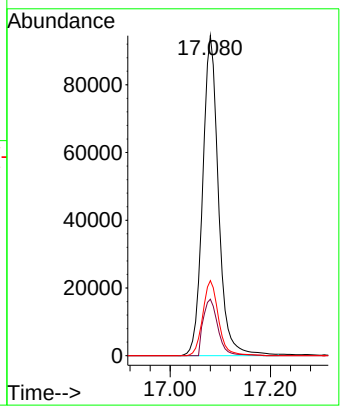




#91
Dibenzo(a,h)anthracene
Concen: 9.272 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:278 Resp: 20796

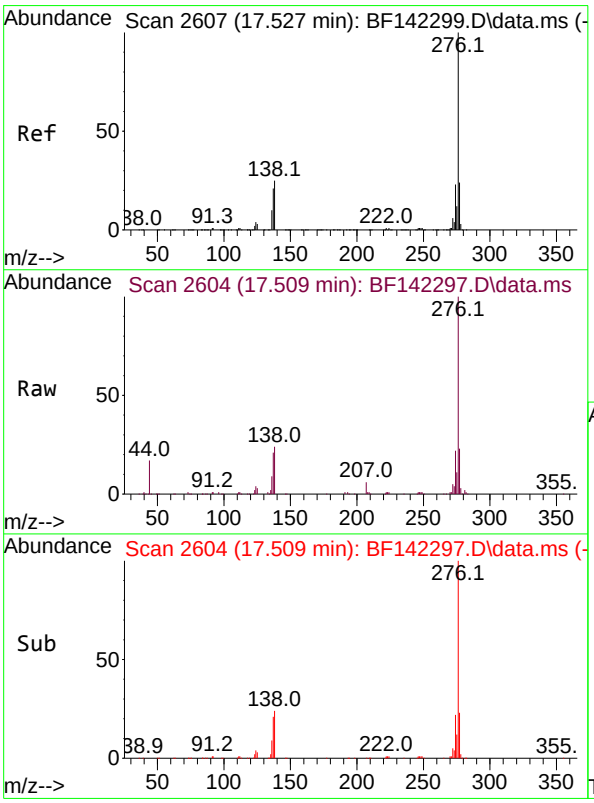
Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	23.4	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

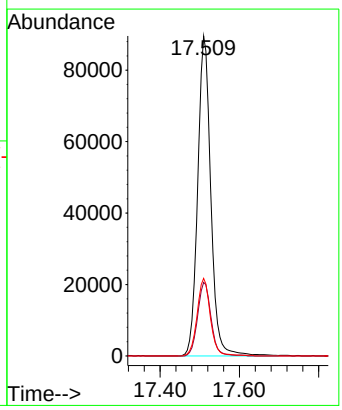
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 9.256 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF142297.D
Acq: 05 May 2025 14:52

Tgt Ion:276 Resp: 206052

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.6
138	24.3	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142298.D
Acq On : 05 May 2025 15:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:58:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	216286	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	842039	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	449427	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	788283	20.000	ng	0.00
76) Chrysene-d12	14.069	240	473278	20.000	ng	0.00
86) Perylene-d12	15.563	264	392077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	524001	41.358	ng	0.00
7) Phenol-d6	6.516	99	644227	41.341	ng	0.00
23) Nitrobenzene-d5	7.463	82	565303	40.944	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	178075	41.039	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1377117	43.691	ng	0.00
79) Terphenyl-d14	13.016	244	1382069	43.222	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	115676	20.274	ng	99
3) Pyridine	3.452	79	261665	19.504	ng	99
4) n-Nitrosodimethylamine	3.393	42	157578	20.240	ng	96
6) Aniline	6.563	93	339232	22.194	ng	100
8) 2-Chlorophenol	6.687	128	273145	20.174	ng	99
9) Benzaldehyde	6.451	77	195344	21.418	ng	98
10) Phenol	6.534	94	342565	20.739	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	326537	20.046	ng	99
12) 1,3-Dichlorobenzene	6.845	146	317103	20.472	ng	99
13) 1,4-Dichlorobenzene	6.922	146	321447	20.669	ng	99
14) 1,2-Dichlorobenzene	7.075	146	306024	20.500	ng	99
15) Benzyl Alcohol	7.040	79	201768	19.996	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	502839	20.672	ng	100
17) 2-Methylphenol	7.145	107	221049	20.166	ng	98
18) Hexachloroethane	7.422	117	105630	20.413	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	198554	20.599	ng	99
20) 3+4-Methylphenols	7.298	107	285863	20.896	ng	96
22) Acetophenone	7.310	105	390755	20.871	ng	99
24) Nitrobenzene	7.481	77	266464	20.474	ng	99
25) Isophorone	7.722	82	530519	20.291	ng	100
26) 2-Nitrophenol	7.798	139	101497	18.889	ng	97
27) 2,4-Dimethylphenol	7.828	122	270038	20.543	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	351686	20.919	ng	99
29) 2,4-Dichlorophenol	8.040	162	233840	20.924	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	260029	20.674	ng	99
31) Naphthalene	8.210	128	865551	21.209	ng	99
32) Benzoic acid	7.910	122	98814m	19.691	ng	
33) 4-Chloroaniline	8.257	127	335192m	20.165	ng	
34) Hexachlorobutadiene	8.328	225	152292	20.449	ng	99
35) Caprolactam	8.604	113	65889	20.272	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	238603	20.539	ng	99
37) 2-Methylnaphthalene	8.898	142	534930	21.095	ng	100
38) 1-Methylnaphthalene	8.998	142	559888	21.183	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	263169	20.966	ng	99
41) Hexachlorocyclopentadiene	9.051	237	156699	20.200	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	161721	20.426	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142298.D
Acq On : 05 May 2025 15:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 05 17:58:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	175468	20.829	ng		99
46) 1,1'-Biphenyl	9.363	154	735501	21.344	ng		98
47) 2-Chloronaphthalene	9.386	162	536203	20.924	ng		100
48) 2-Nitroaniline	9.481	65	131275	19.985	ng		99
49) Acenaphthylene	9.804	152	902949	21.063	ng		99
50) Dimethylphthalate	9.657	163	604026	20.930	ng		99
51) 2,6-Dinitrotoluene	9.722	165	108919	20.163	ng		98
52) Acenaphthene	9.975	154	539391	20.925	ng		99
53) 3-Nitroaniline	9.886	138	129439	20.431	ng		98
54) 2,4-Dinitrophenol	9.986	184	37439	19.641	ng	#	1
55) Dibenzofuran	10.145	168	809325	21.274	ng		100
56) 4-Nitrophenol	10.034	139	94419	19.802	ng		98
57) 2,4-Dinitrotoluene	10.122	165	136138	19.647	ng		98
58) Fluorene	10.492	166	617592	21.273	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143706	20.664	ng		99
60) Diethylphthalate	10.357	149	609078	21.134	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	295765	21.116	ng		97
62) 4-Nitroaniline	10.498	138	111613	22.228	ng		98
63) Azobenzene	10.639	77	577345	20.964	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	53454	19.555	ng		98
66) n-Nitrosodiphenylamine	10.598	169	545886	20.811	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	182781	20.459	ng		98
68) Hexachlorobenzene	11.039	284	199561	20.307	ng		97
69) Atrazine	11.122	200	138860	20.082	ng		99
70) Pentachlorophenol	11.228	266	102593	19.845	ng		97
71) Phenanthrene	11.451	178	871138	21.083	ng		99
72) Anthracene	11.504	178	893968	21.056	ng		99
73) Carbazole	11.657	167	807082	21.189	ng		99
74) Di-n-butylphthalate	11.992	149	852839	21.293	ng		99
75) Fluoranthene	12.639	202	888973	21.523	ng		99
77) Benzidine	12.763	184	181563	21.110	ng		99
78) Pyrene	12.869	202	900375	21.373	ng		99
80) Butylbenzylphthalate	13.492	149	207602	19.258	ng		99
81) Benzo(a)anthracene	14.057	228	623286	20.336	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	149520	20.978	ng		98
83) Chrysene	14.092	228	589961	20.676	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	263391	19.237	ng		98
85) Di-n-octyl phthalate	14.668	149	405073	19.581	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	556960	20.421	ng		99
88) Benzo(b)fluoranthene	15.116	252	481134	20.261	ng		100
89) Benzo(k)fluoranthene	15.151	252	456264	20.996	ng		100
90) Benzo(a)pyrene	15.492	252	432151	20.308	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	468301	20.783	ng		99
92) Benzo(g,h,i)perylene	17.515	276	460655	20.598	ng		99

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

ICAL Form

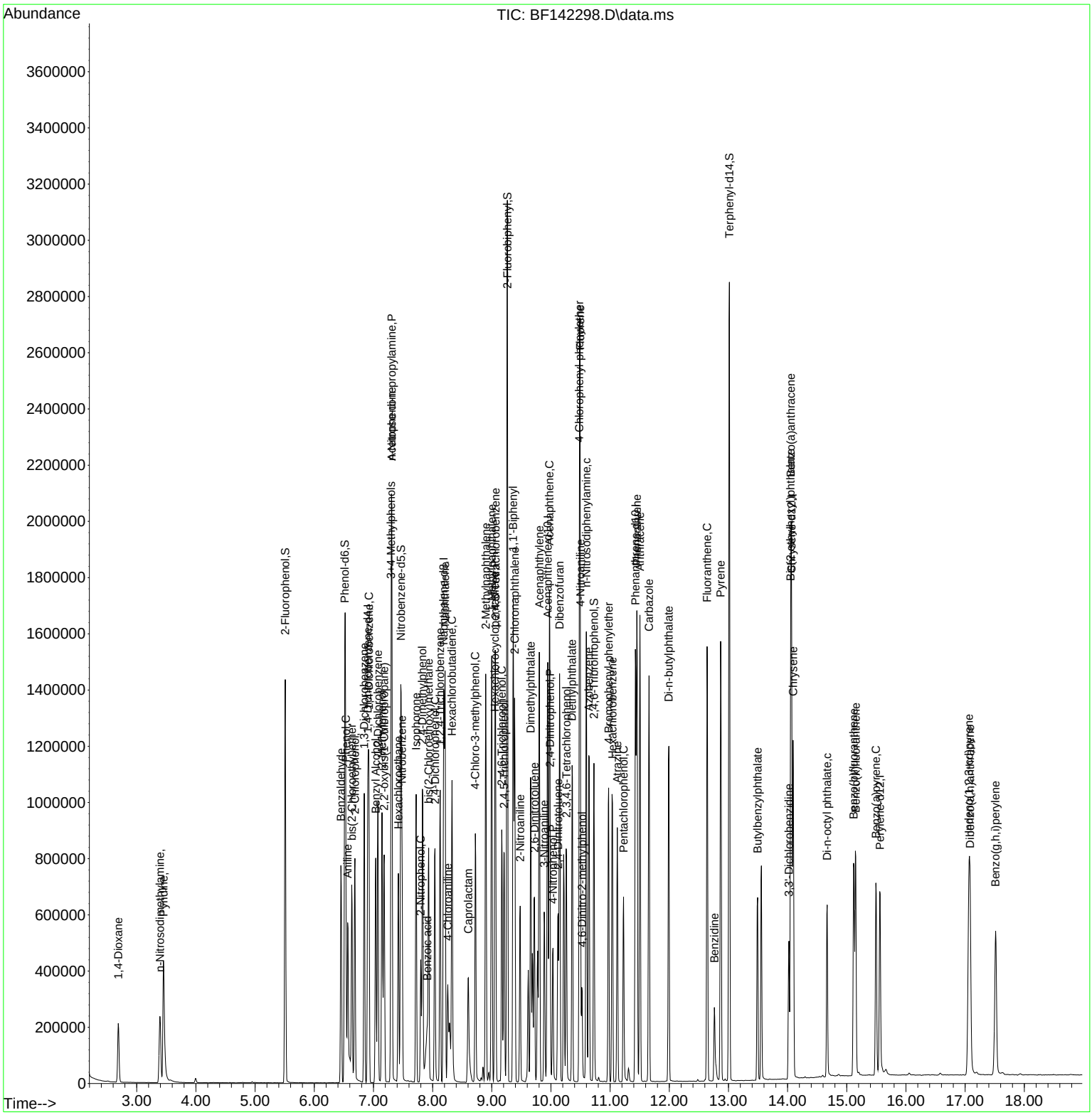
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Data File : BF142298.D
Acq On : 05 May 2025 15:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

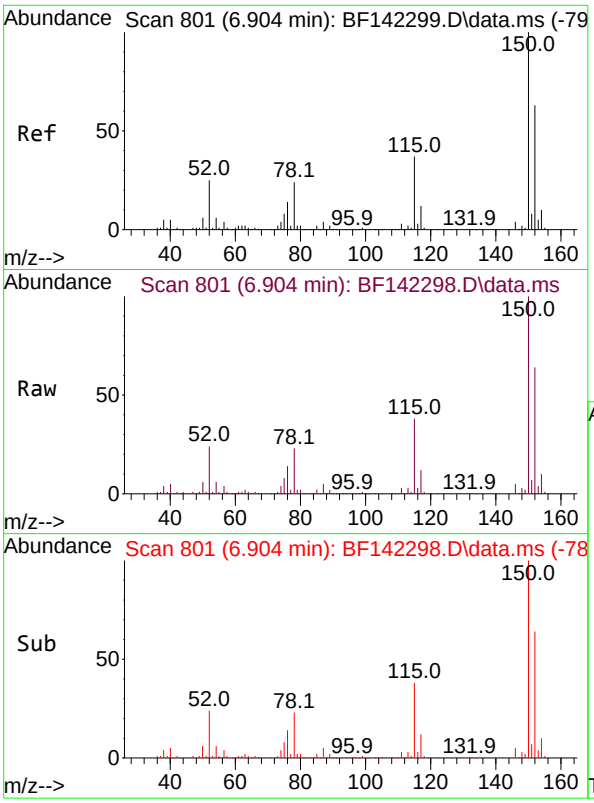
Quant Time: May 05 17:58:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

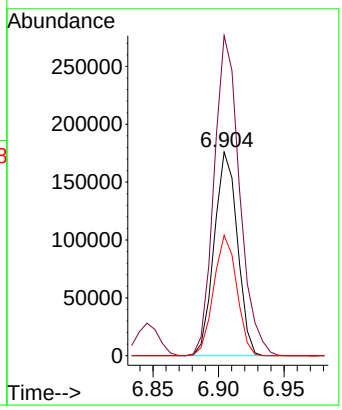




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:152 Resp: 21628(

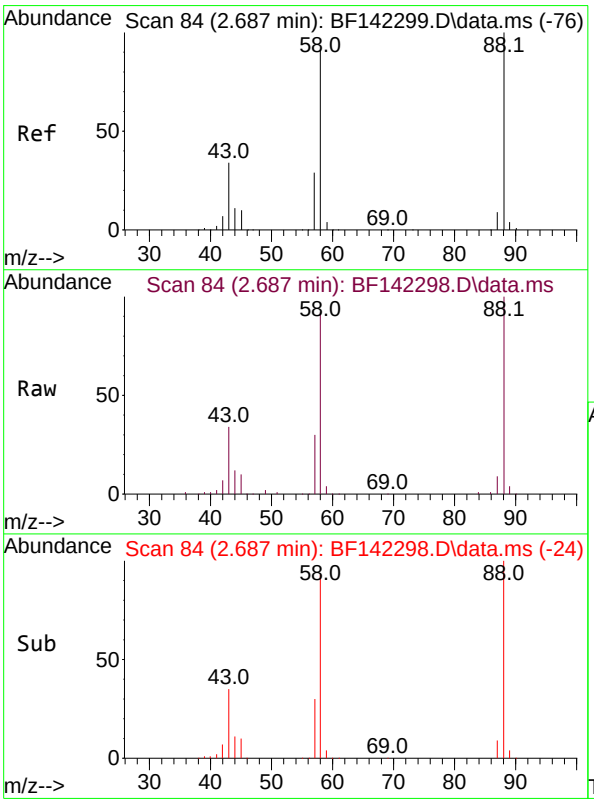
Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	190.0
115	59.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

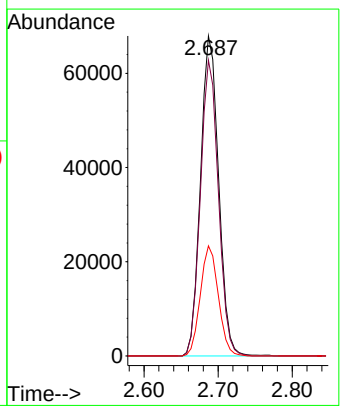
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

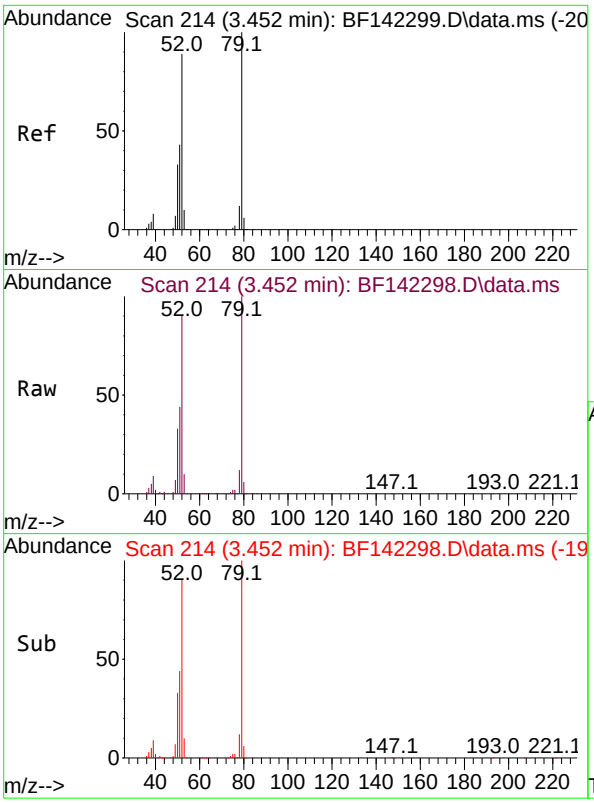


#2
1,4-Dioxane
Concen: 20.274 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 88 Resp: 115676

Ion	Ratio	Lower	Upper
88	100		
58	91.5	73.0	109.4
43	34.2	27.8	41.6

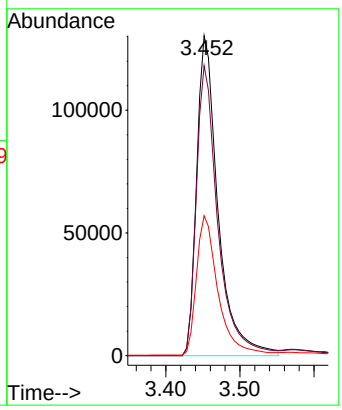




#3
Pyridine
Concen: 19.504 ng
RT: 3.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 79 Resp: 26166

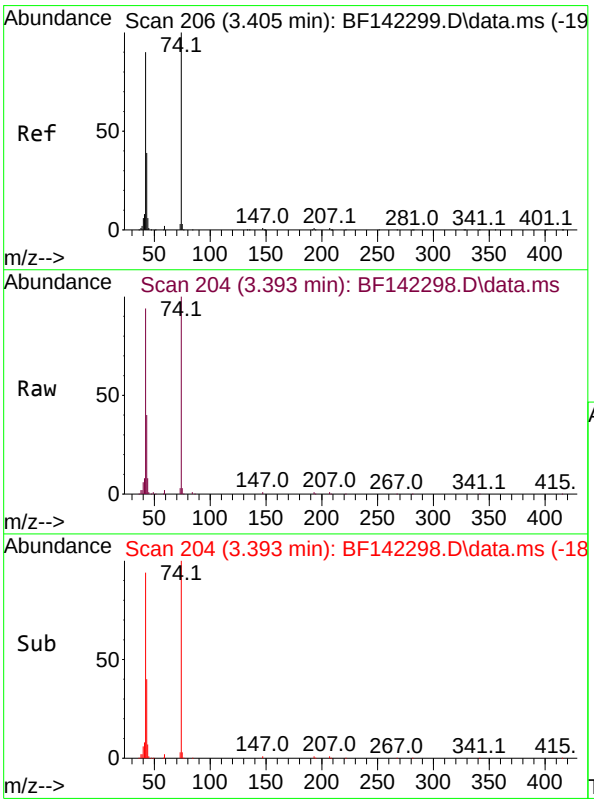
Ion	Ratio	Lower	Upper
79	100		
52	90.6	71.0	106.4
51	43.7	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

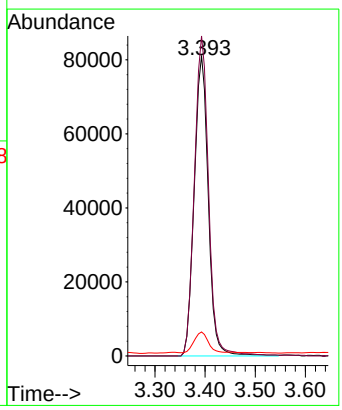
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

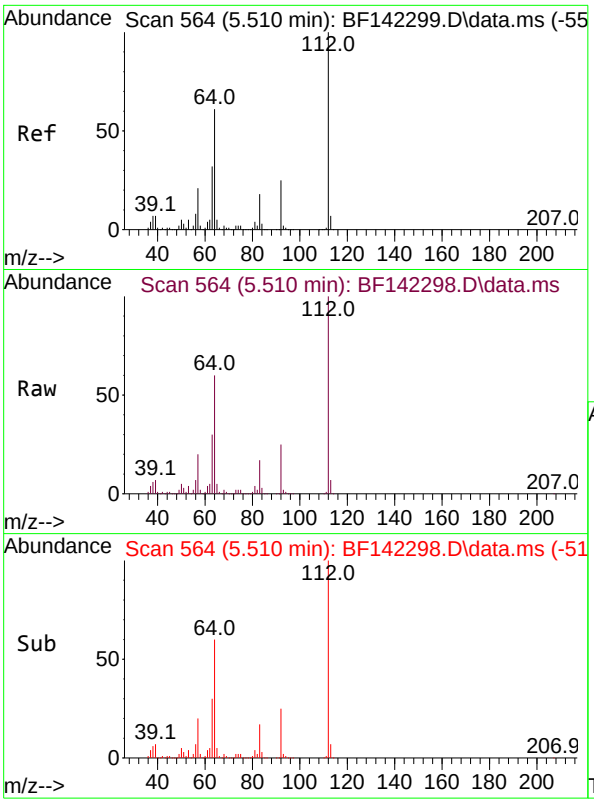


#4
n-Nitrosodimethylamine
Concen: 20.240 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 42 Resp: 157578

Ion	Ratio	Lower	Upper
42	100		
74	106.6	88.5	132.7
44	8.0	5.8	8.8





#5
2-Fluorophenol
Concen: 41.358 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

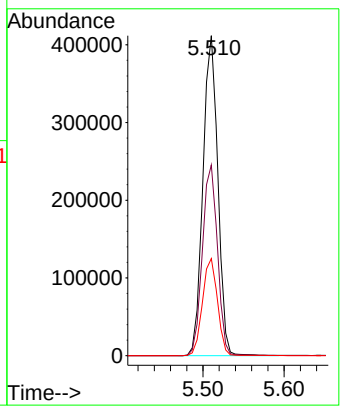
Tgt Ion:112 Resp: 52400

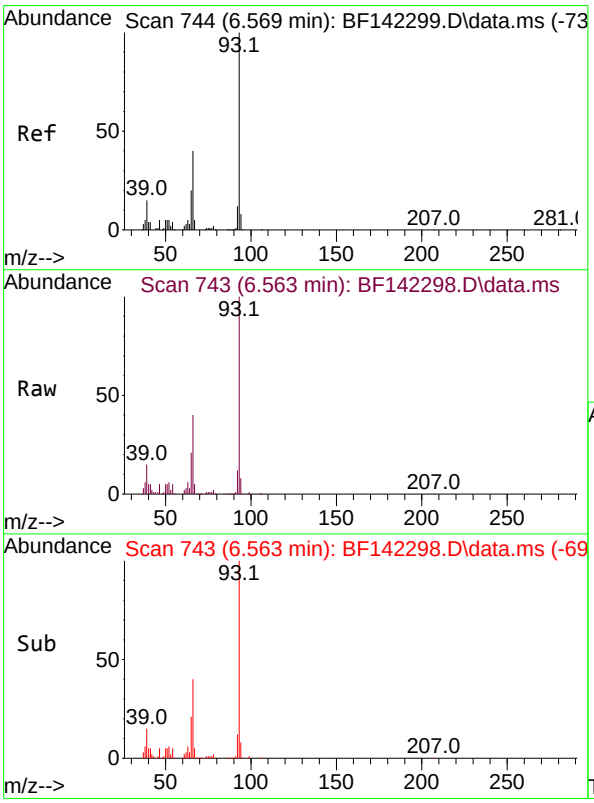
Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.9	73.3
63	30.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

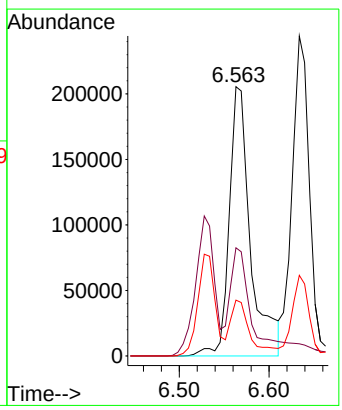


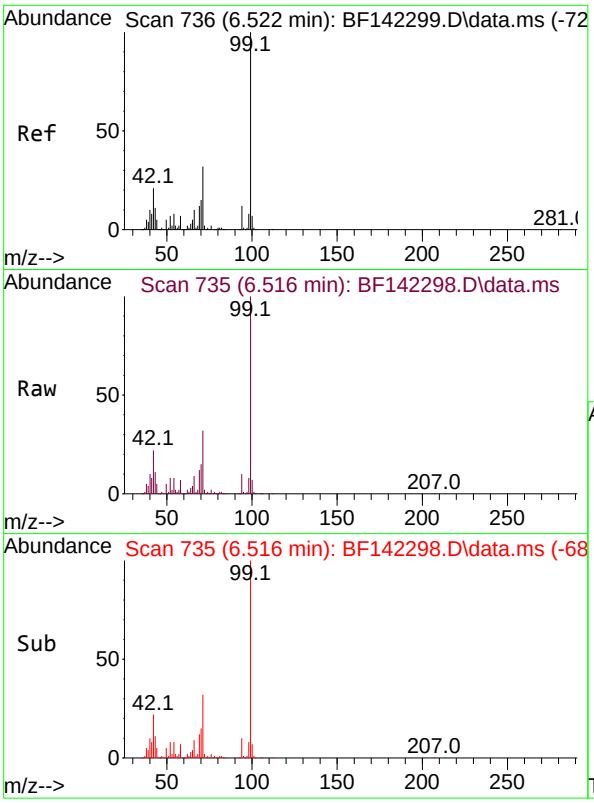


#6
Aniline
Concen: 22.194 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 93 Resp: 339232

Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.2	48.4
65	20.8	16.3	24.5

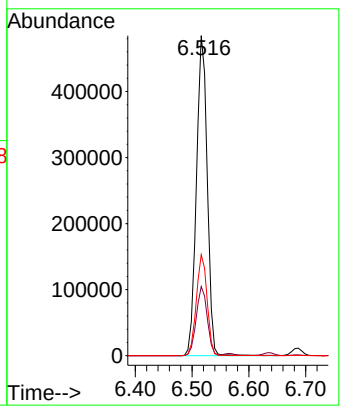




#7
Phenol-d6
Concen: 41.341 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 99 Resp: 64422

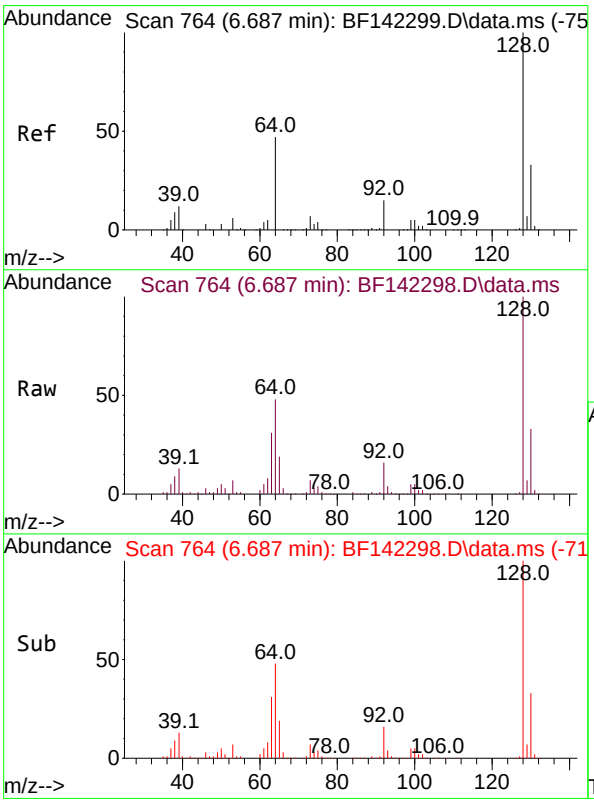
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.4
71	31.6	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

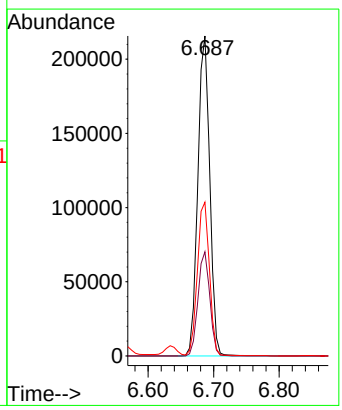
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

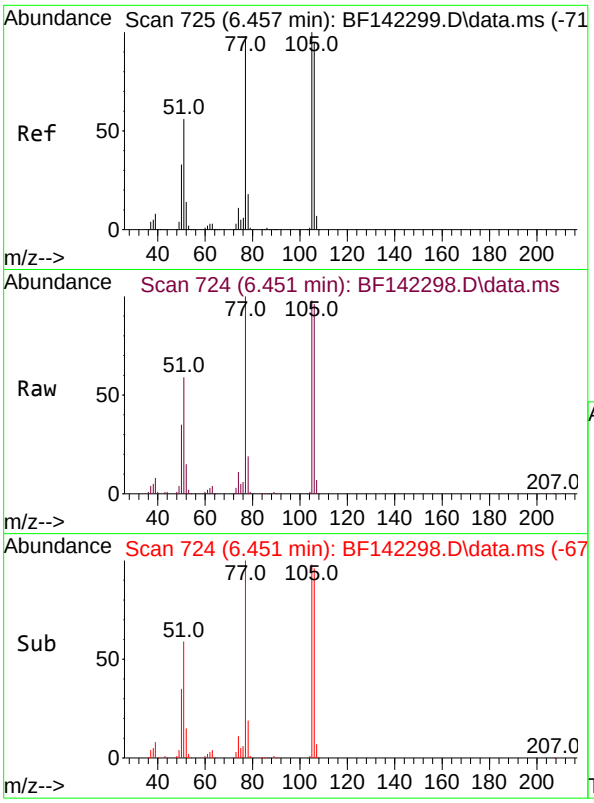


#8
2-Chlorophenol
Concen: 20.174 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:128 Resp: 273145

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	48.0	29.2	69.2

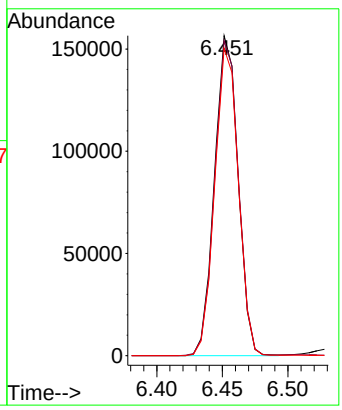




#9
Benzaldehyde
Concen: 21.418 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 19534

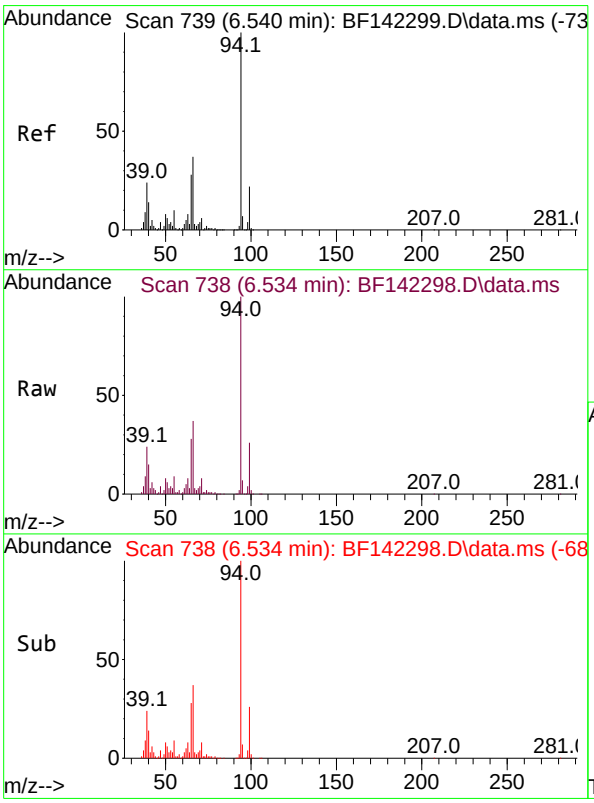
Ion	Ratio	Lower	Upper
77	100		
105	98.4	82.0	122.0
106	96.1	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

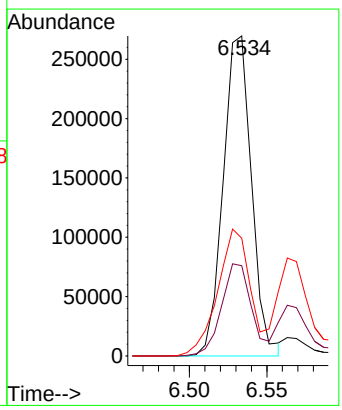
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

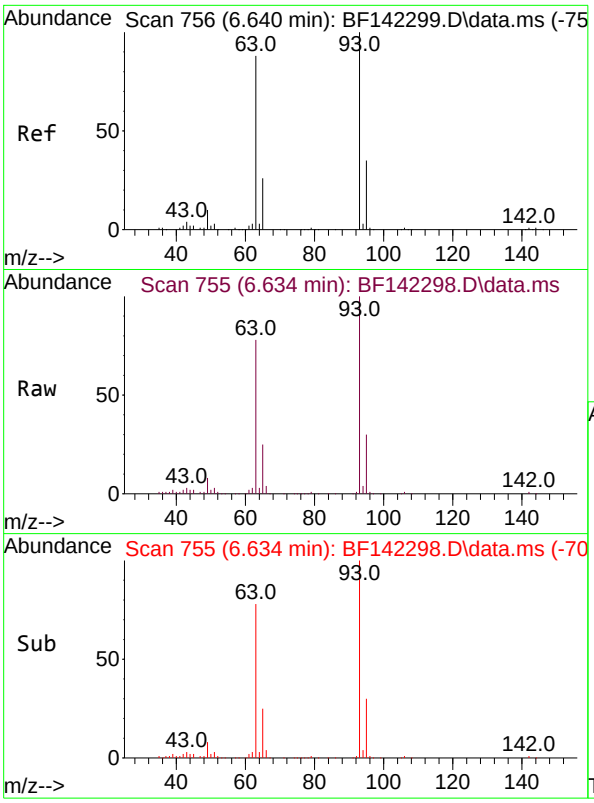


#10
Phenol
Concen: 20.739 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 94 Resp: 342565

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.5	48.5
66	36.8	17.3	57.3

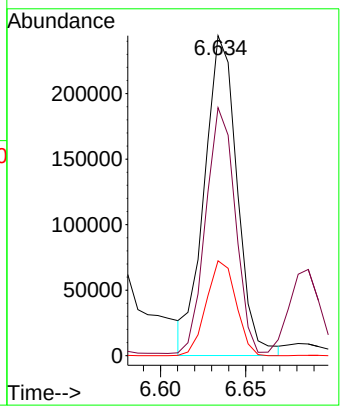




#11
bis(2-Chloroethyl)ether
Concen: 20.046 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 93 Resp: 32653

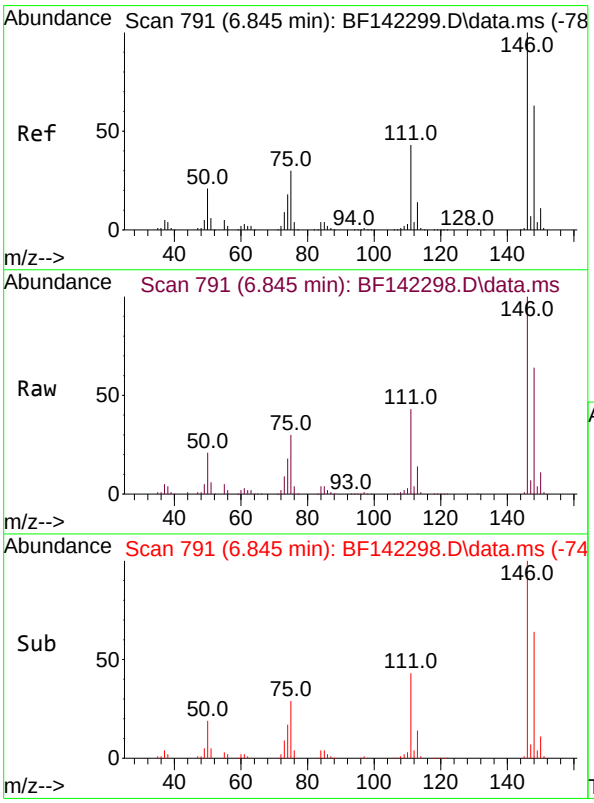
Ion	Ratio	Lower	Upper
93	100		
63	77.5	58.4	98.4
95	29.7	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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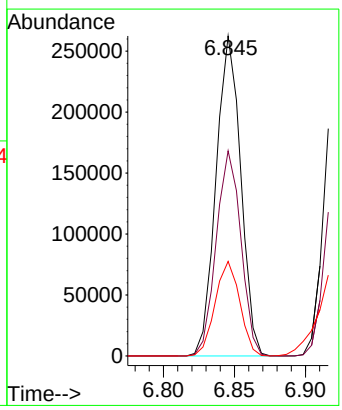
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

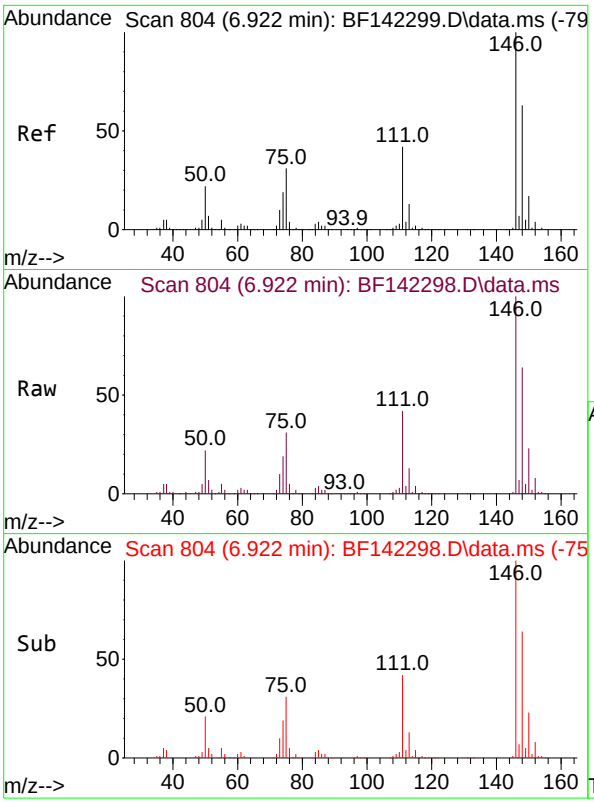


#12
1,3-Dichlorobenzene
Concen: 20.472 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:146 Resp: 317103

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
75	29.5	24.2	36.4

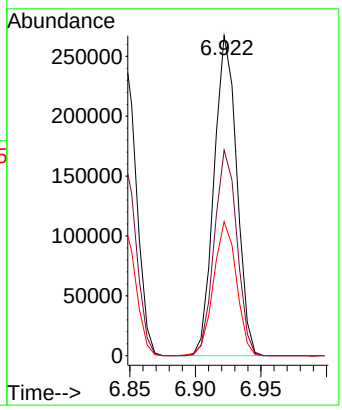




#13
1,4-Dichlorobenzene
Concen: 20.669 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:146 Resp: 32144

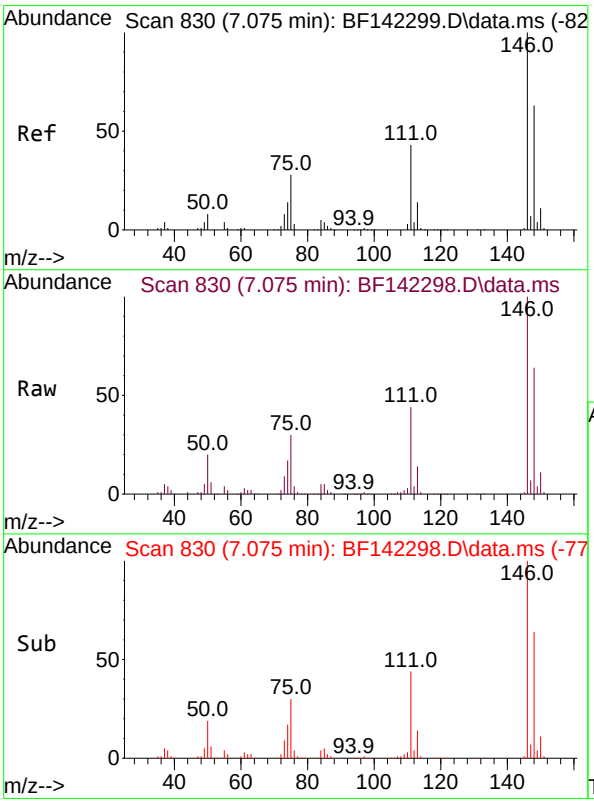
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
111	41.9	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

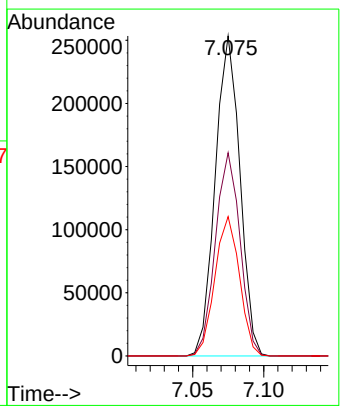
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

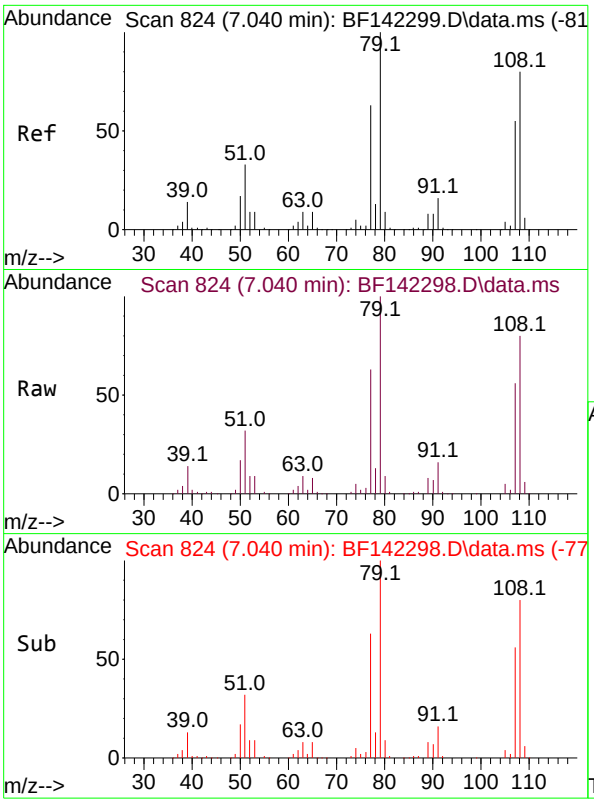


#14
1,2-Dichlorobenzene
Concen: 20.500 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:146 Resp: 306024

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.5	34.5	51.7

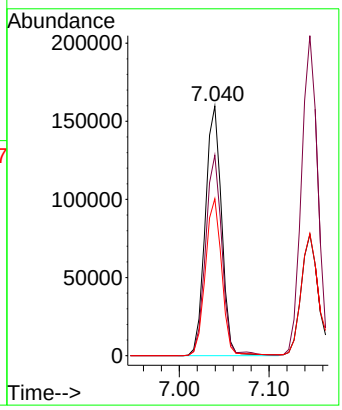




#15
Benzyl Alcohol
Concen: 19.996 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 79 Resp: 20176

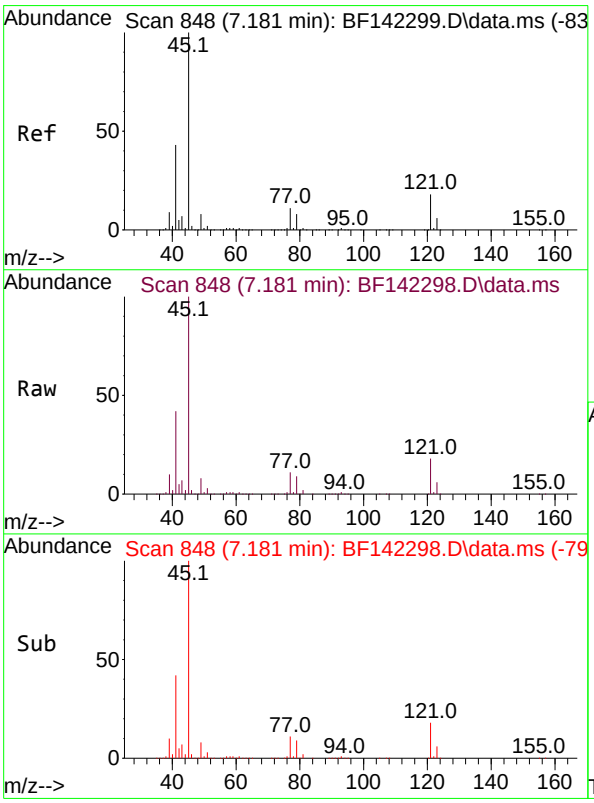
Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.9	95.9
77	62.9	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

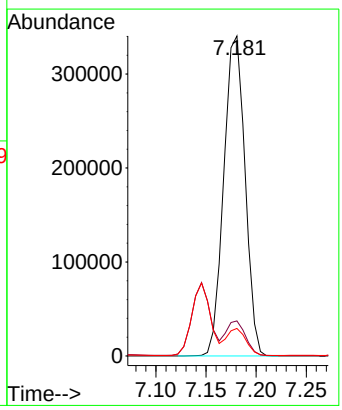
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

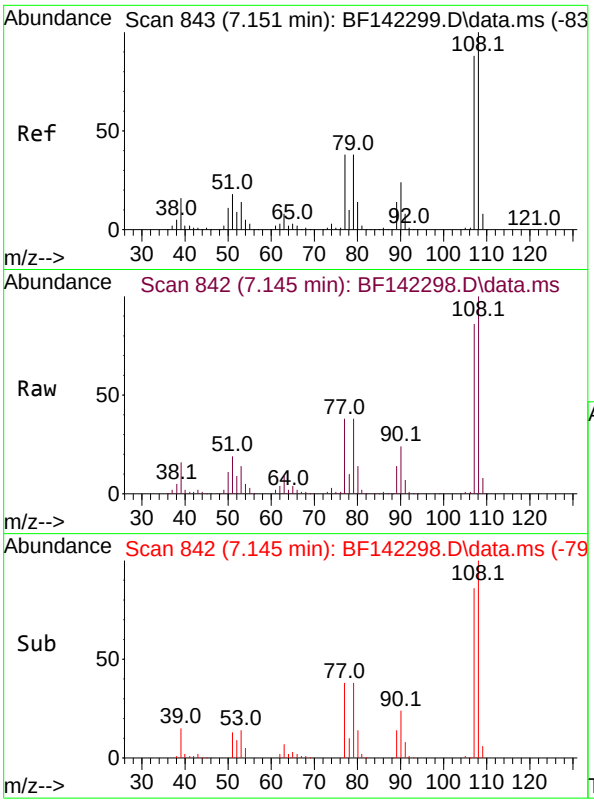


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.672 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 45 Resp: 502839

Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	31.2
79	8.6	0.0	28.5

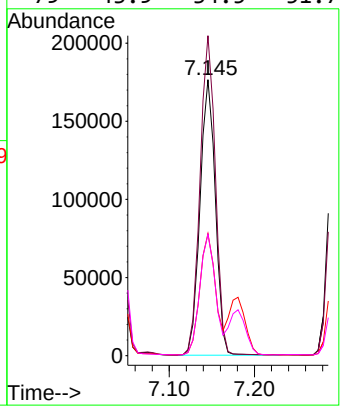




#17
2-Methylphenol
Concen: 20.166 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:107 Resp: 22104

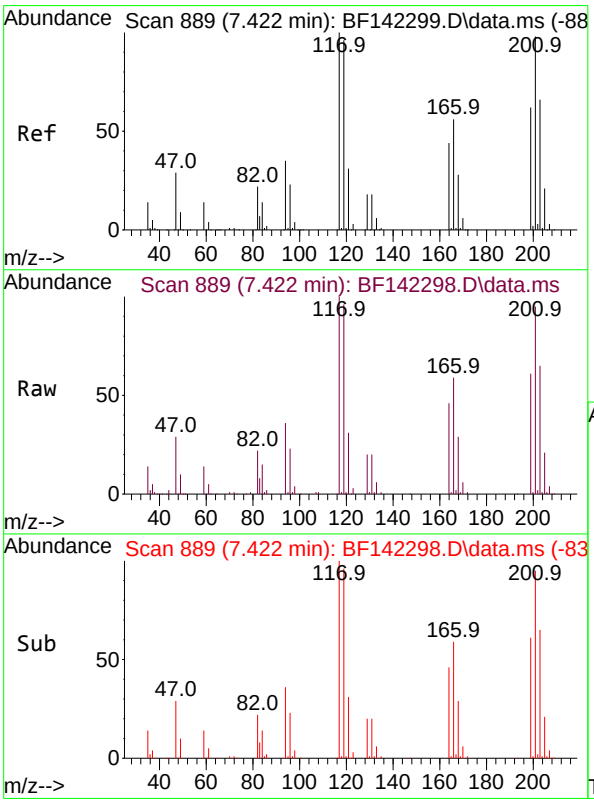
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.1	136.7
77	44.2	34.7	52.1
79	43.9	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

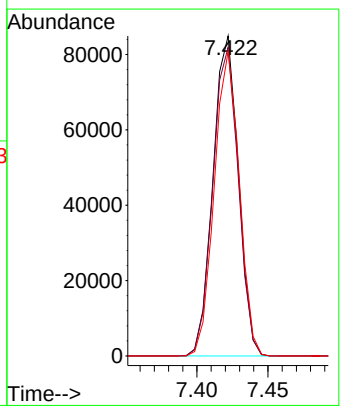
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

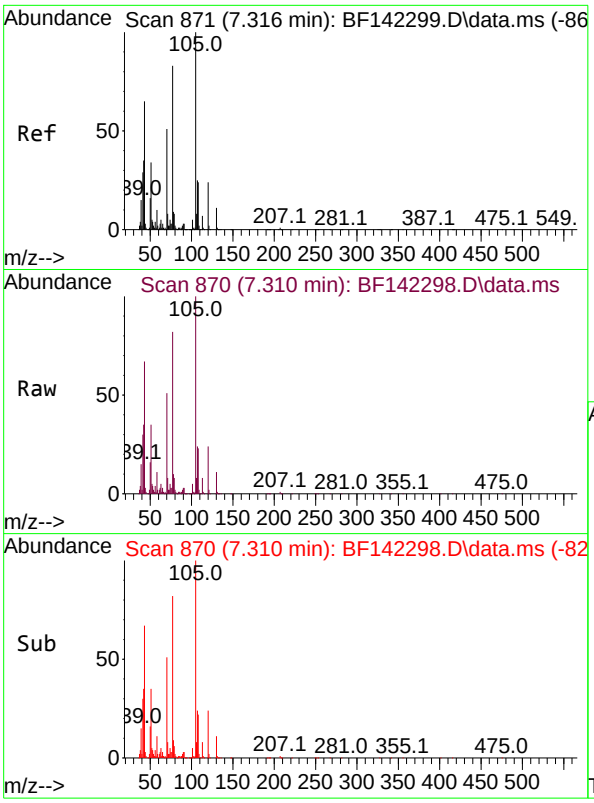


#18
Hexachloroethane
Concen: 20.413 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:117 Resp: 105630

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
201	95.1	78.0	117.0

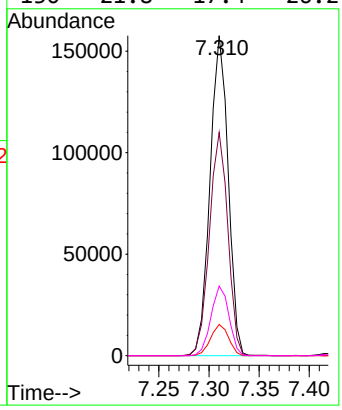




#19
n-Nitroso-di-n-propylamine
Concen: 20.599 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 70 Resp: 19855

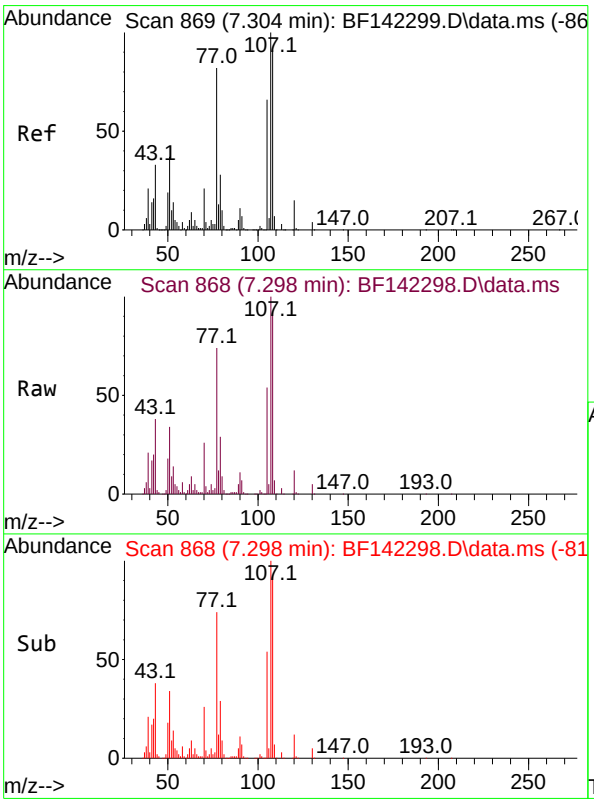
Ion	Ratio	Lower	Upper
70	100		
42	69.7	54.8	82.2
101	9.7	7.7	11.5
130	21.8	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

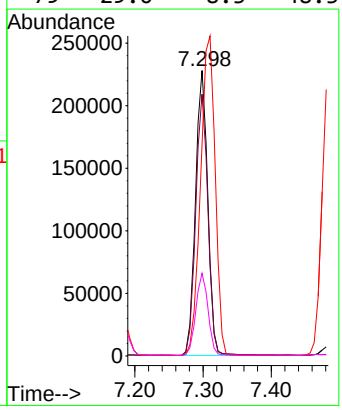
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

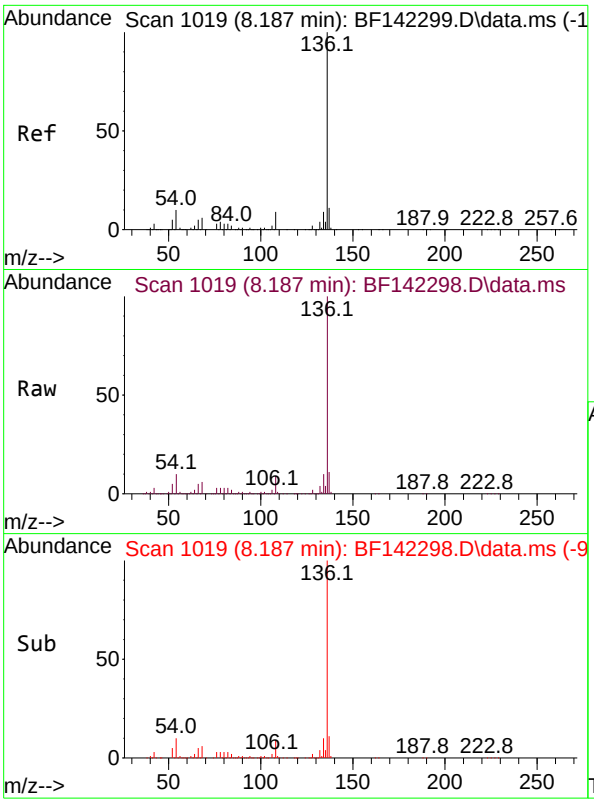


#20
3+4-Methylphenols
Concen: 20.896 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:107 Resp: 285863

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.5	111.5
77	74.1	61.6	101.6
79	29.0	8.3	48.3

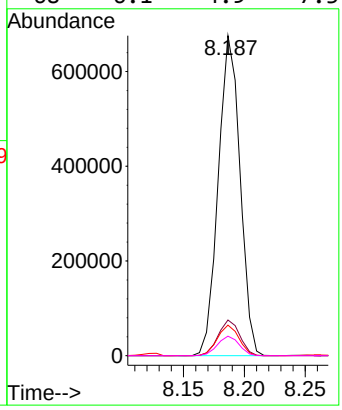




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:136 Resp: 84203

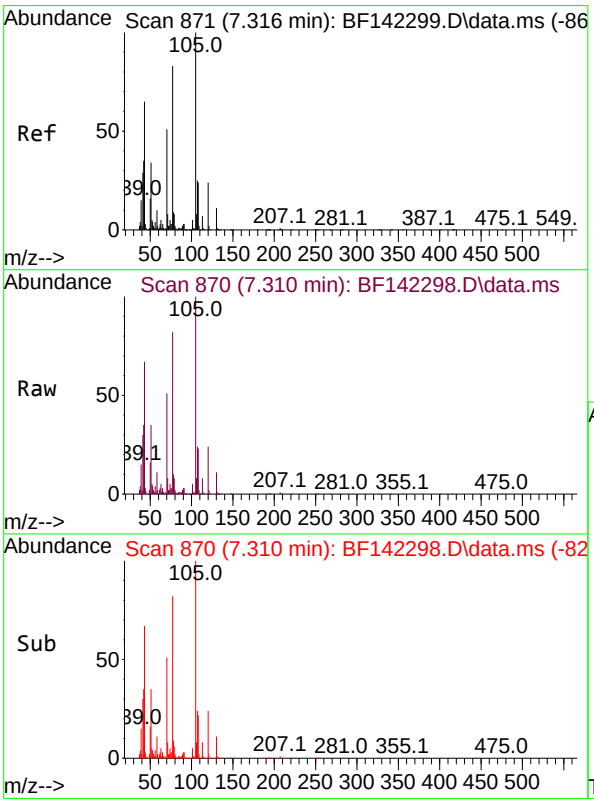
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

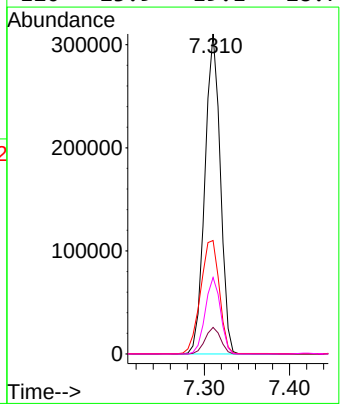
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

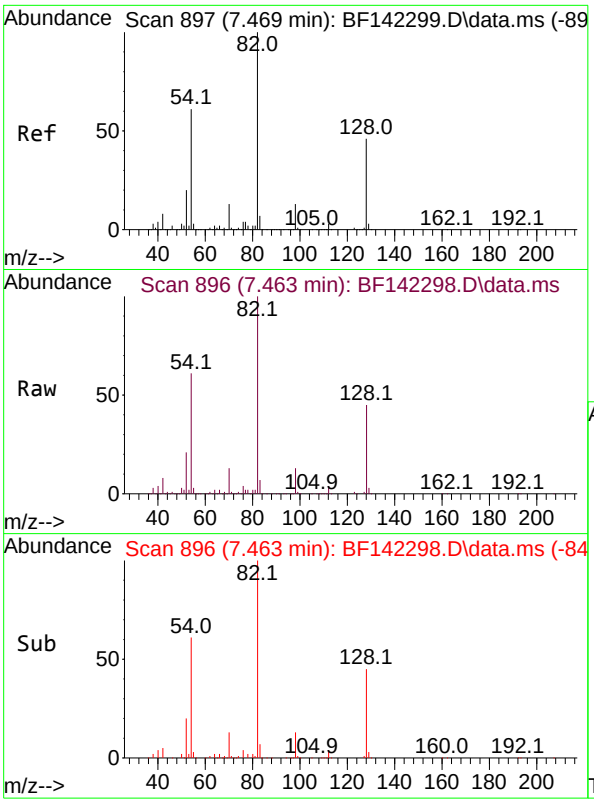


#22
Acetophenone
Concen: 20.871 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:105 Resp: 390755

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.7	10.1
51	35.5	27.6	41.4
120	23.9	19.1	28.7

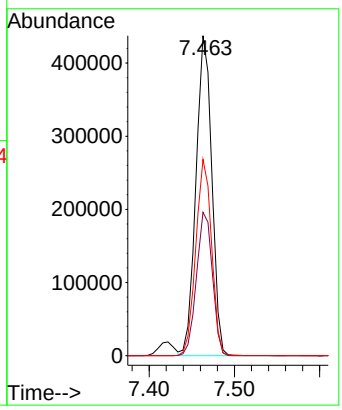




#23
Nitrobenzene-d5
Concen: 40.944 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 82 Resp: 56530

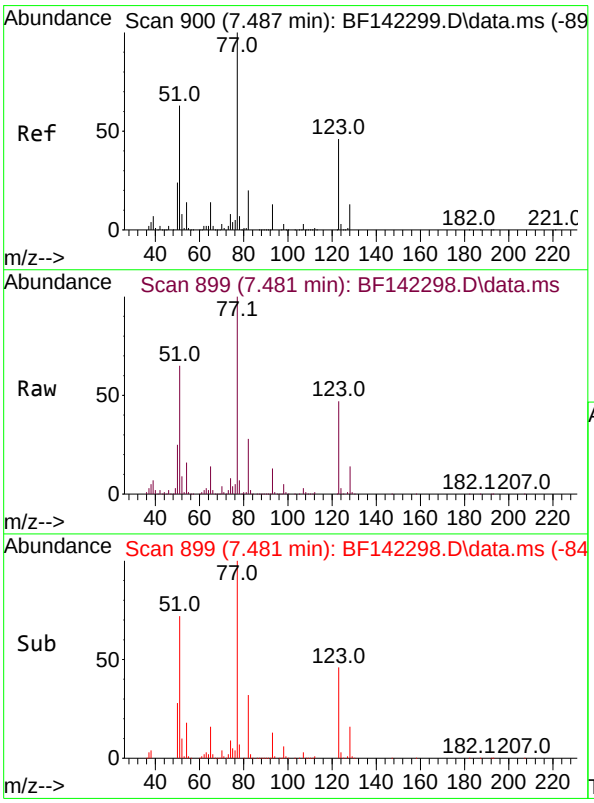
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.0	55.6
54	61.4	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

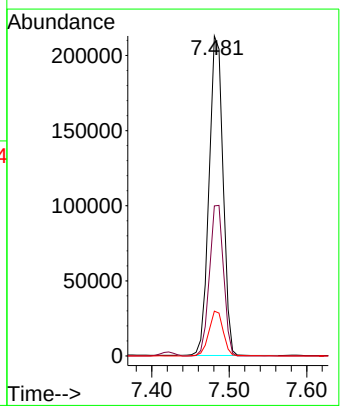
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

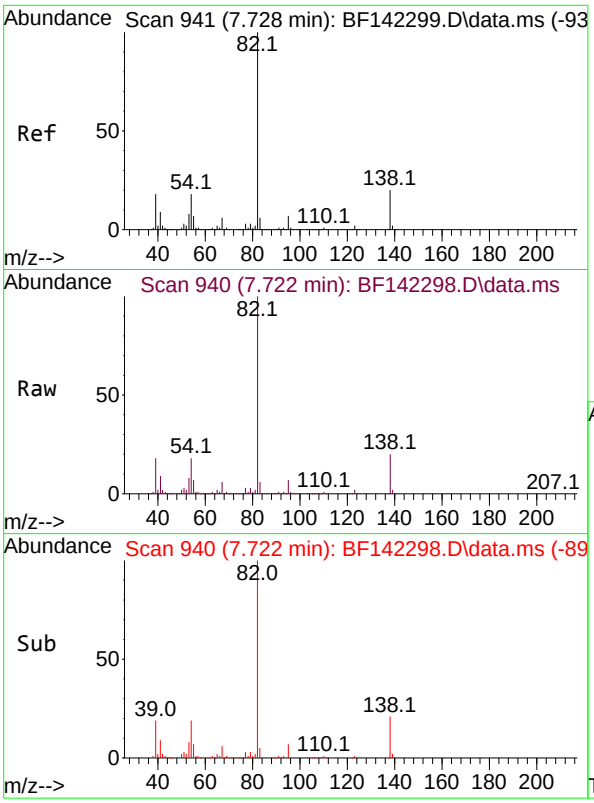


#24
Nitrobenzene
Concen: 20.474 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 266464

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.8	56.8
65	14.0	11.4	17.0

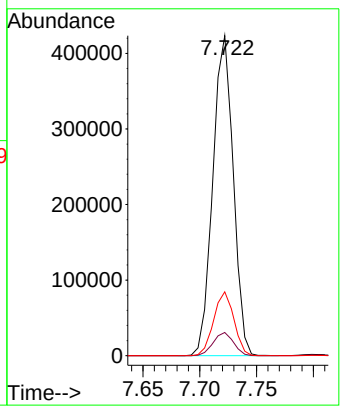




#25
Isophorone
Concen: 20.291 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 82 Resp: 530519

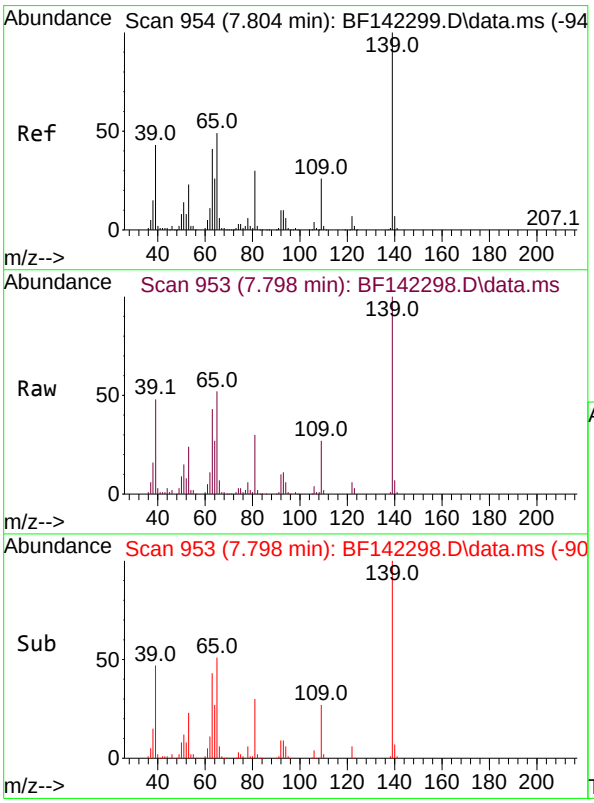
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.0	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

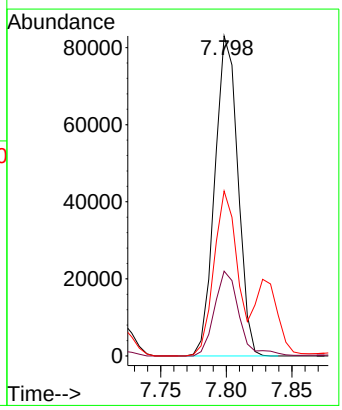
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

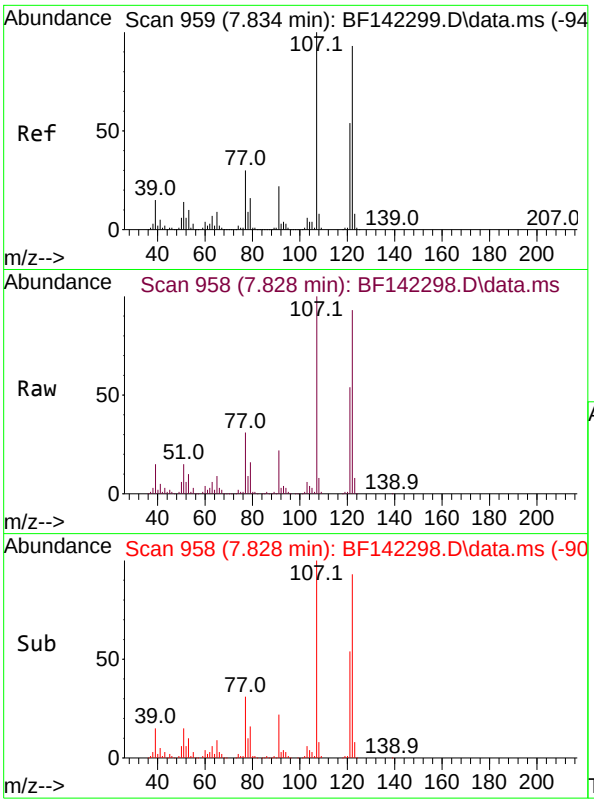


#26
2-Nitrophenol
Concen: 18.889 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:139 Resp: 101497

Ion	Ratio	Lower	Upper
139	100		
109	26.5	20.8	31.2
65	51.5	38.9	58.3

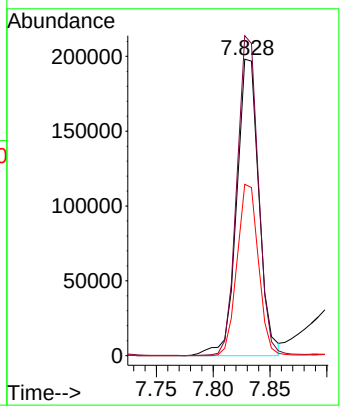




#27
2,4-Dimethylphenol
Concen: 20.543 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:122 Resp: 27003

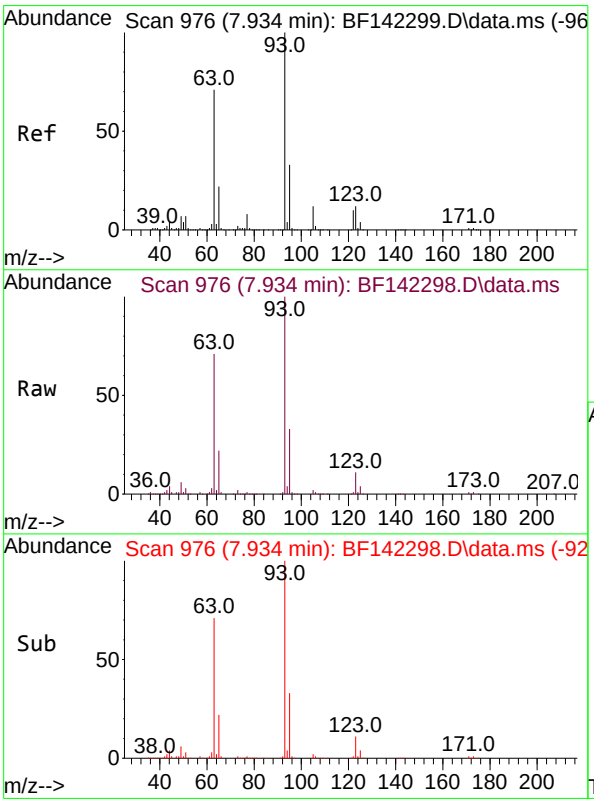
Ion	Ratio	Lower	Upper
122	100		
107	107.9	86.0	129.0
121	57.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

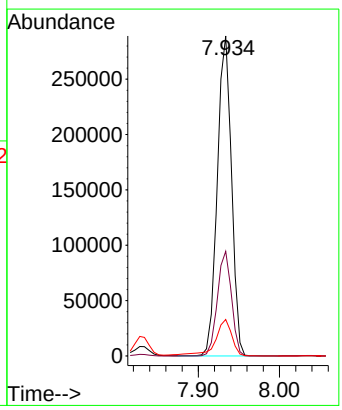
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

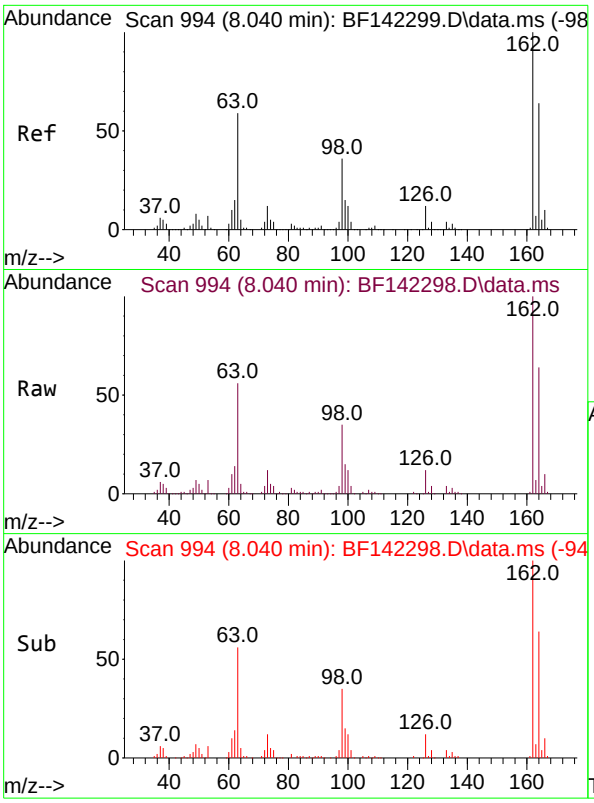


#28
bis(2-Chloroethoxy)methane
Concen: 20.919 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 93 Resp: 351686

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.4	10.2	15.4

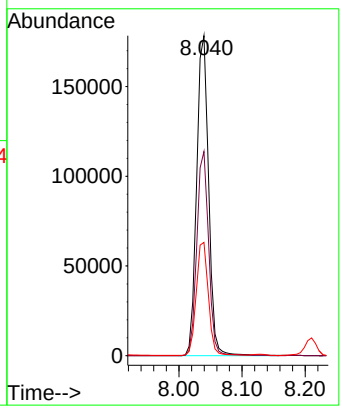




#29
2,4-Dichlorophenol
Concen: 20.924 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:162 Resp: 23384

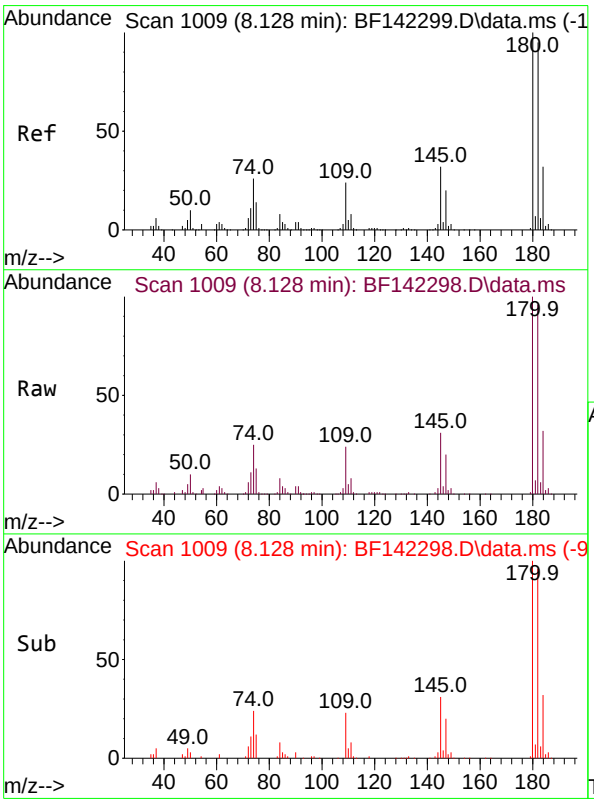
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.6	83.6
98	35.4	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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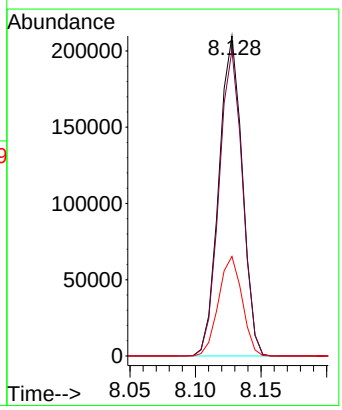
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

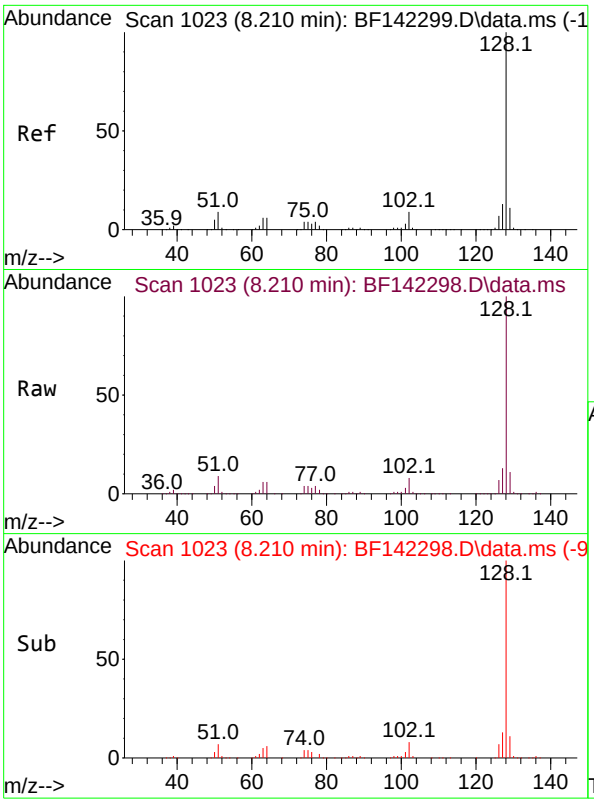


#30
1,2,4-Trichlorobenzene
Concen: 20.674 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:180 Resp: 260029

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	31.1	25.8	38.6

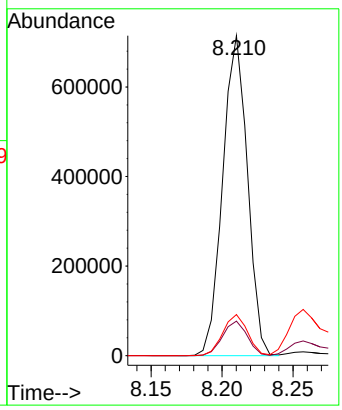




#31
Naphthalene
Concen: 21.209 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:128 Resp: 86555

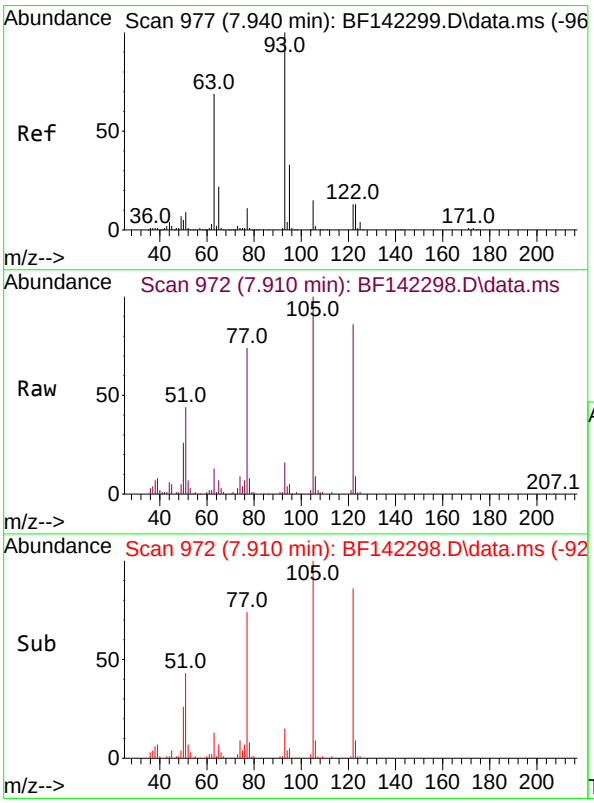
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	12.9	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

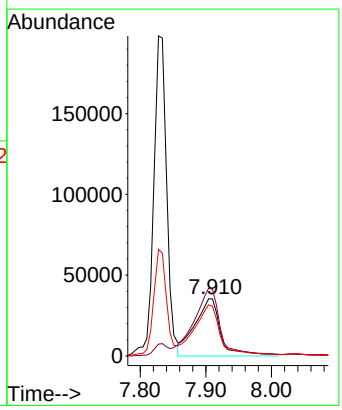
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

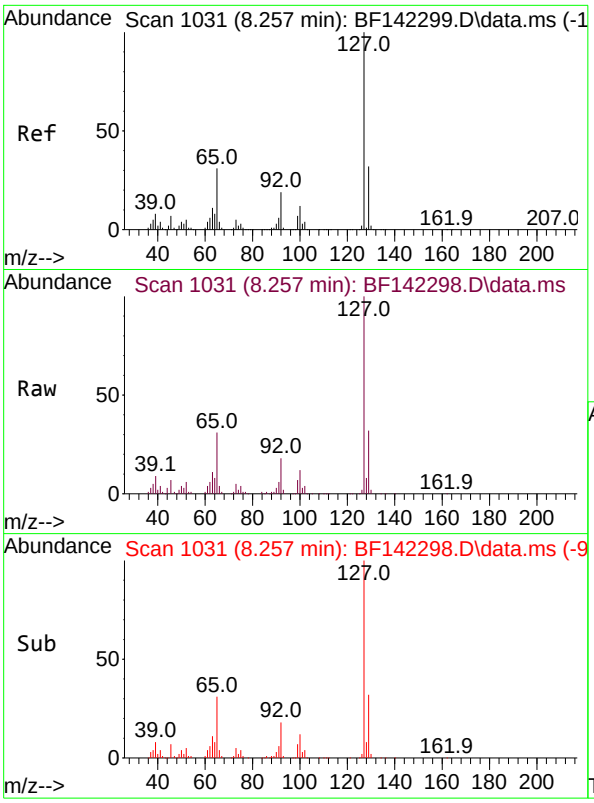


#32
Benzoic acid
Concen: 19.691 ng m
RT: 7.910 min Scan# 972
Delta R.T. -0.030 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:122 Resp: 98814

Ion	Ratio	Lower	Upper
122	100		
105	116.9	97.9	137.9
77	87.0	67.7	107.7

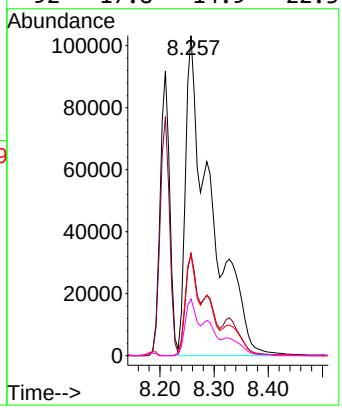




#33
4-Chloroaniline
Concen: 20.165 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:127 Resp: 33519

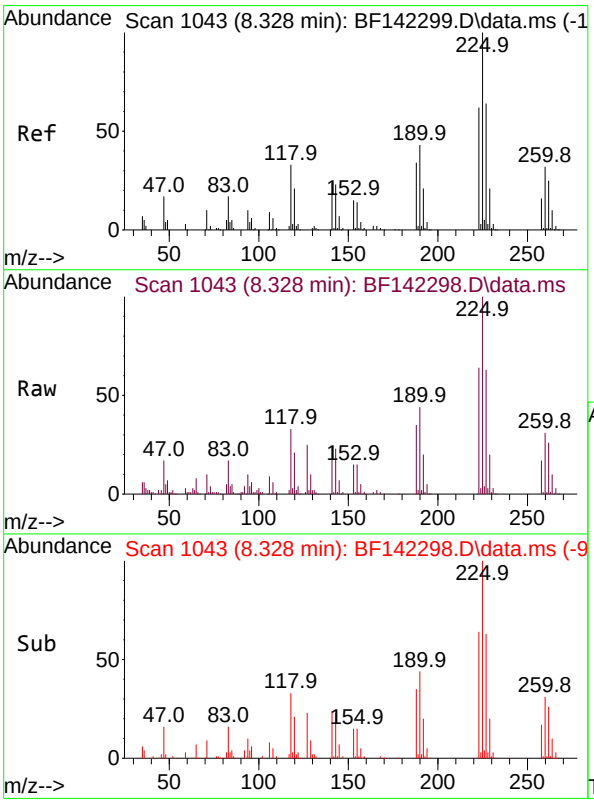
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	31.4	24.9	37.3
92	17.8	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

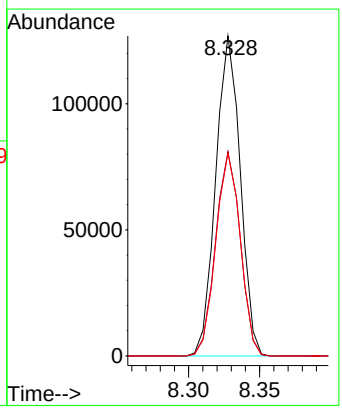
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

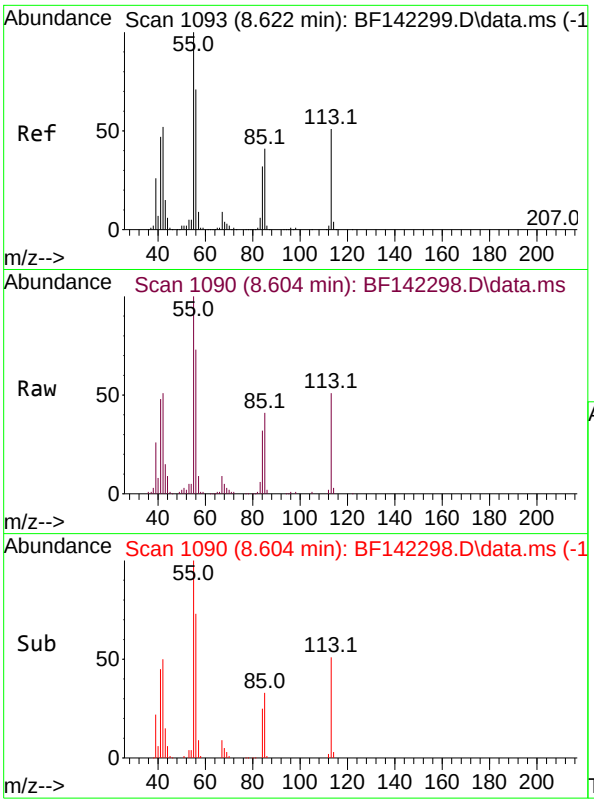


#34
Hexachlorobutadiene
Concen: 20.449 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:225 Resp: 152292

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	63.4	50.9	76.3

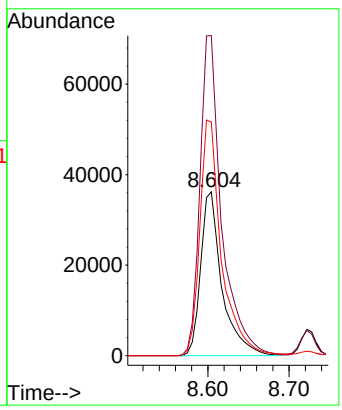




#35
Caprolactam
Concen: 20.272 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:113 Resp: 6588

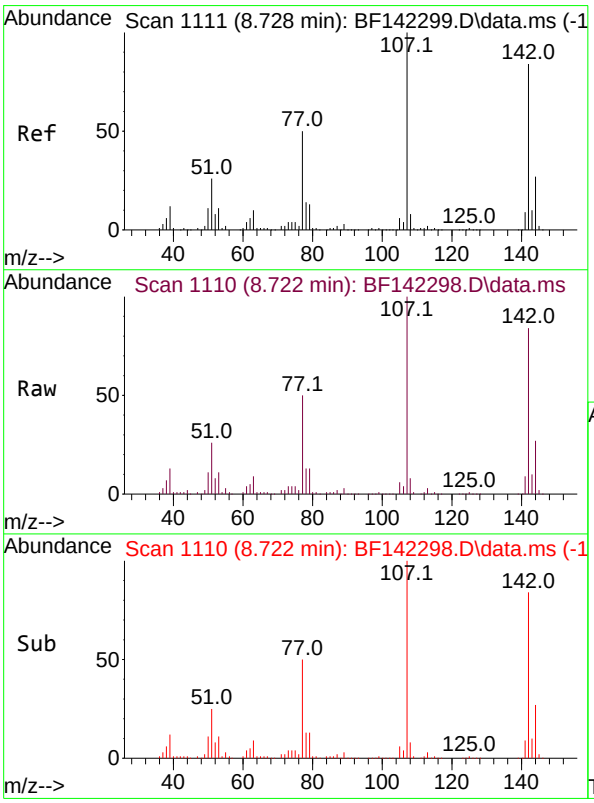
Ion	Ratio	Lower	Upper
113	100		
55	195.2	176.4	216.4
56	142.6	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

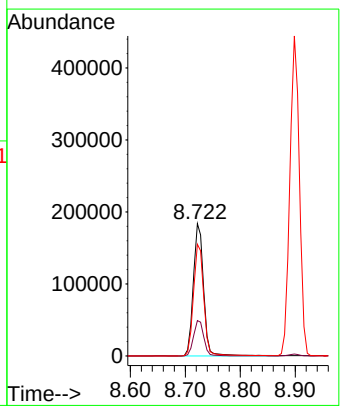
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

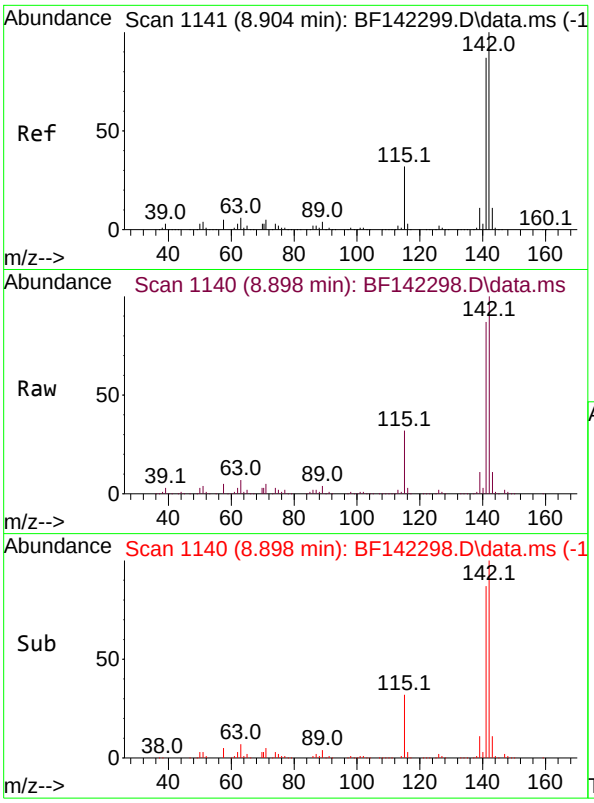


#36
4-Chloro-3-methylphenol
Concen: 20.539 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:107 Resp: 238603

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.3	31.9
142	84.4	66.9	100.3





#37
2-Methylnaphthalene
Concen: 21.095 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

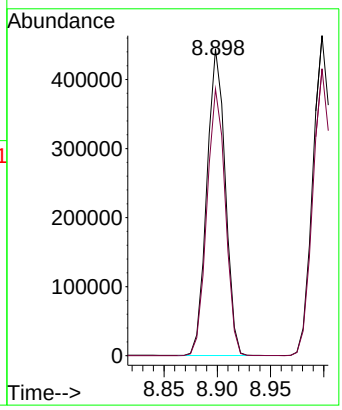
Tgt Ion:142 Resp: 53493

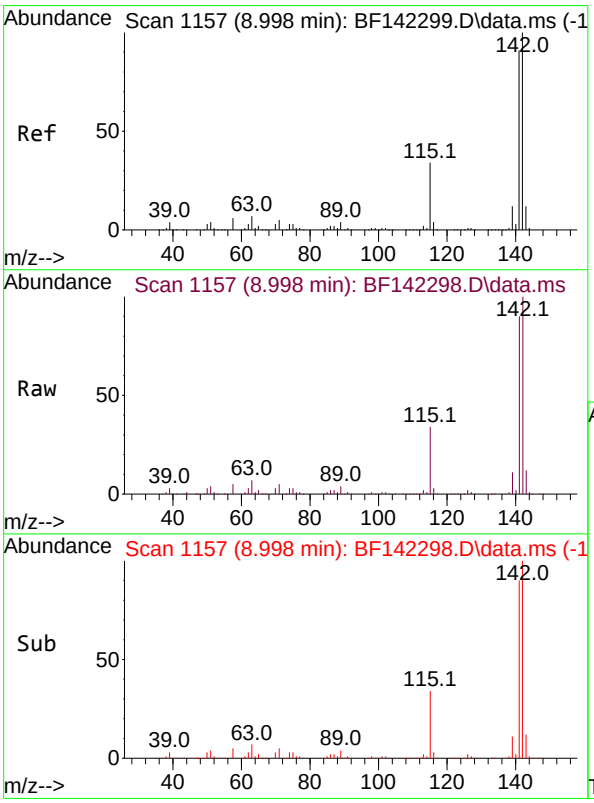
Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

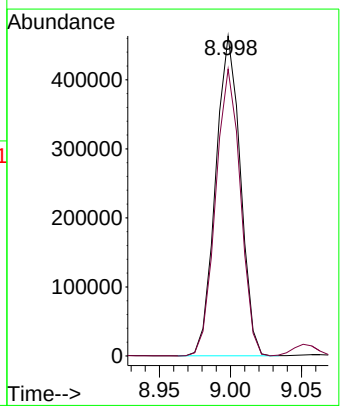


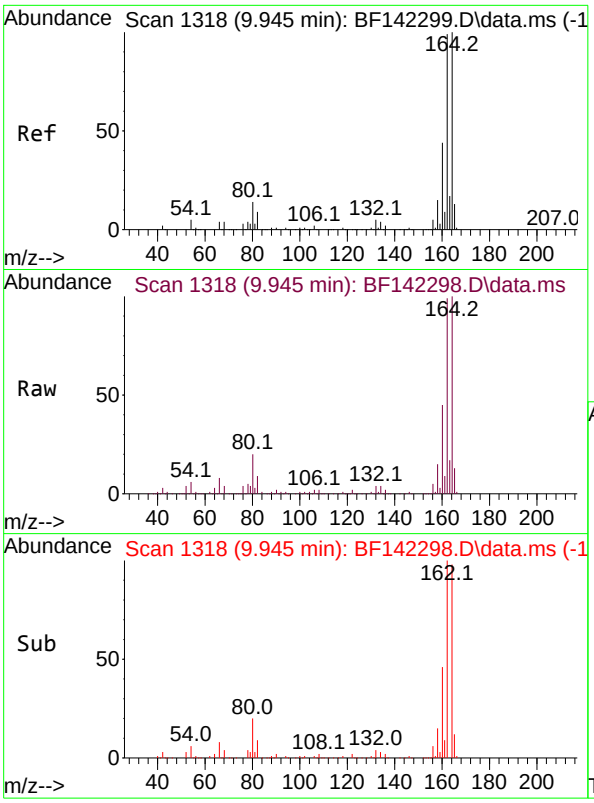


#38
1-Methylnaphthalene
Concen: 21.183 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:142 Resp: 559888

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.5	108.7

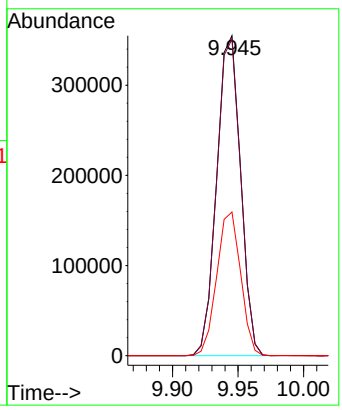




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:164 Resp: 44942

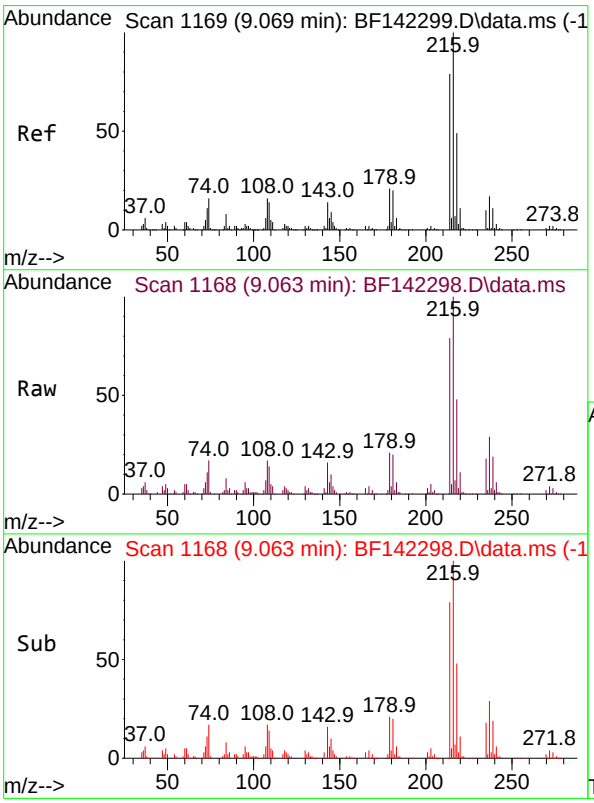
Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.2	118.8
160	44.9	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

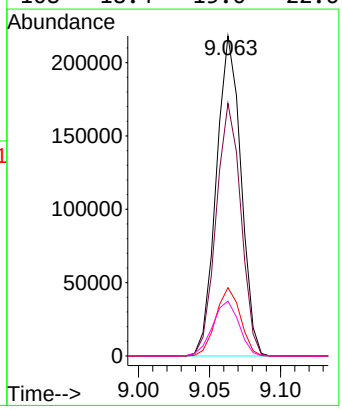
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

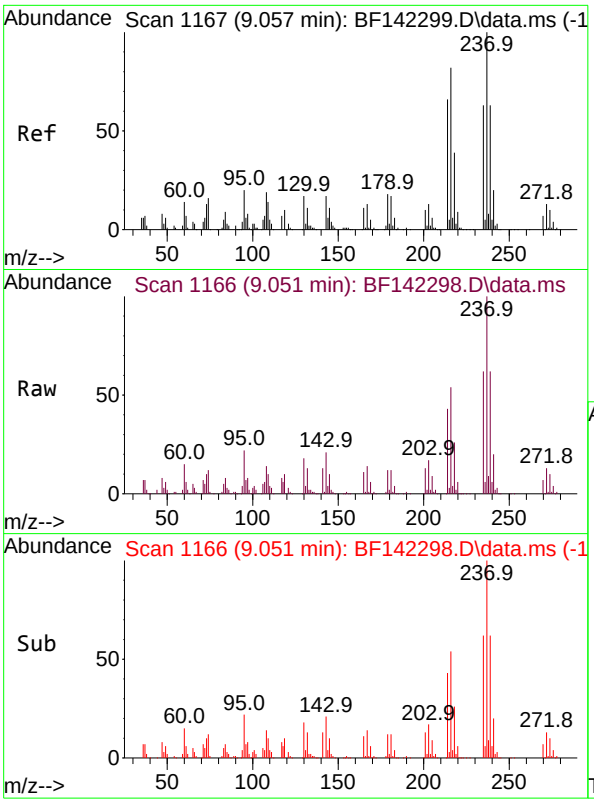


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.966 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:216 Resp: 263169

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	21.3	17.0	25.6
108	18.4	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 20.200 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

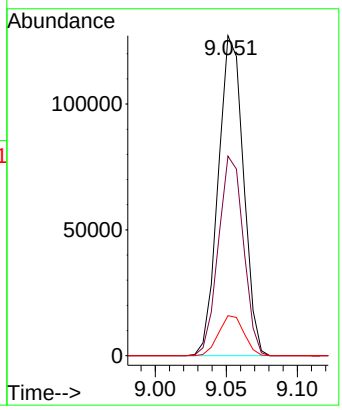
Tgt Ion:237 Resp: 15669

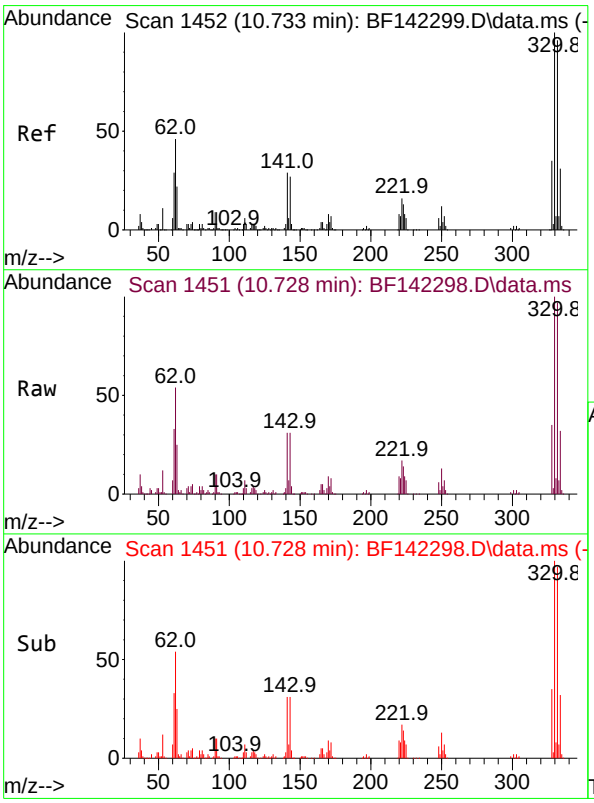
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	12.5	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

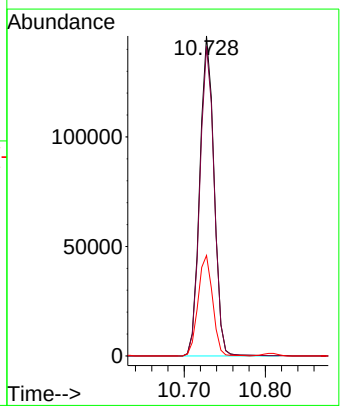


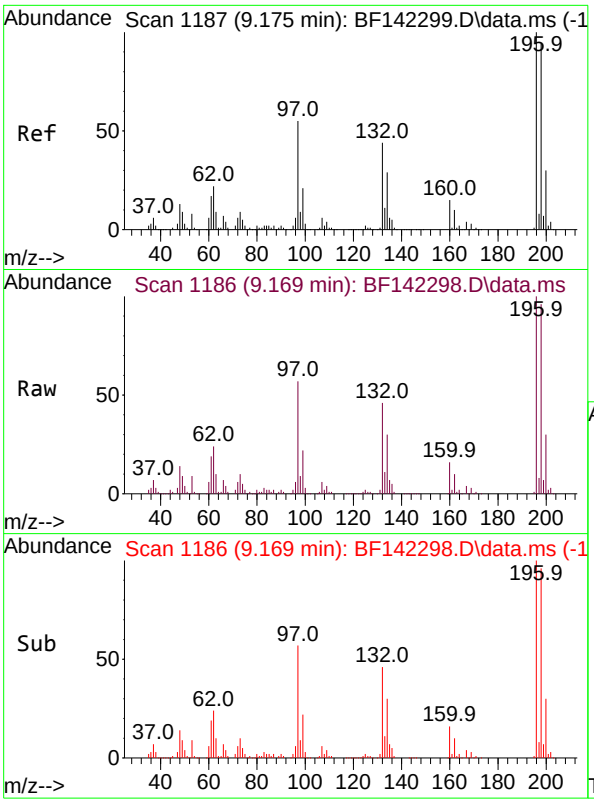


#42
2,4,6-Tribromophenol
Concen: 41.039 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:330 Resp: 178075

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	32.1	24.9	37.3

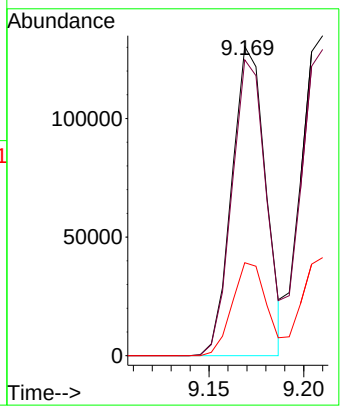




#43
2,4,6-Trichlorophenol
Concen: 20.426 ng
RT: 9.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:196 Resp: 16172

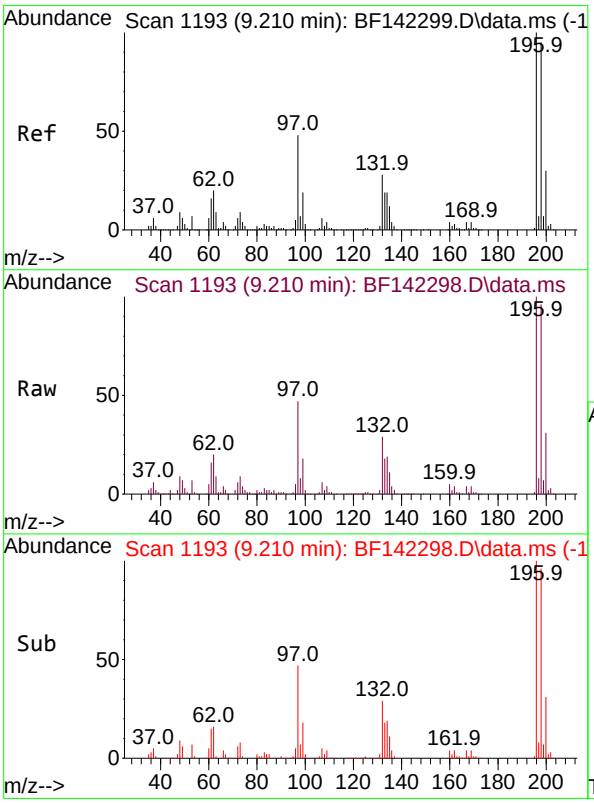
Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.4	113.0
200	30.1	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

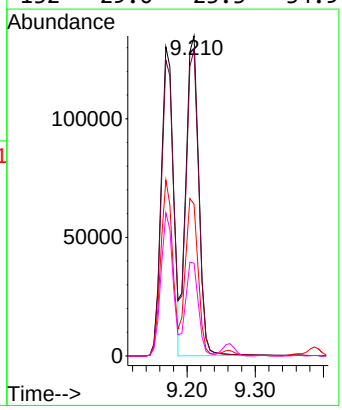
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

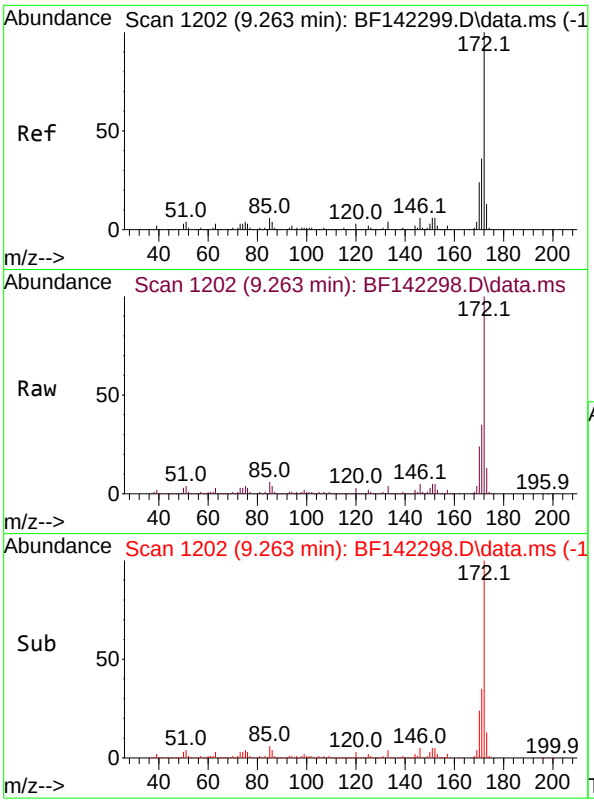


#44
2,4,5-Trichlorophenol
Concen: 20.829 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:196 Resp: 175468

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.1	114.1
97	47.4	39.0	58.4
132	29.0	23.3	34.9

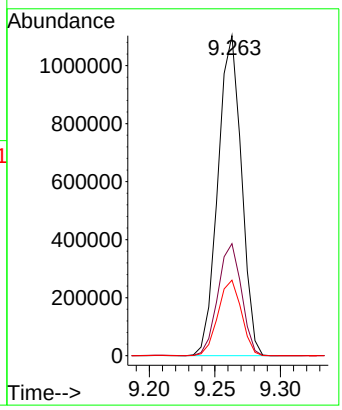




#45
2-Fluorobiphenyl
Concen: 43.691 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:172 Resp: 137711

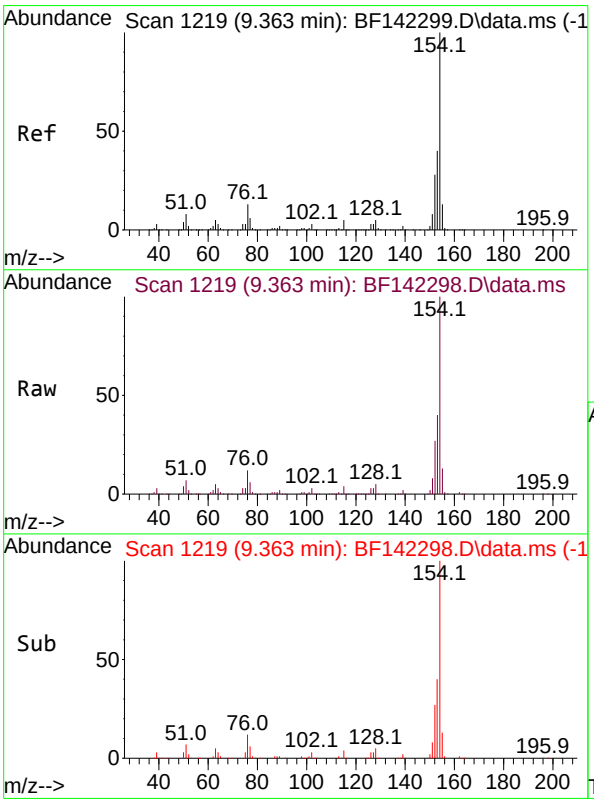
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.6	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

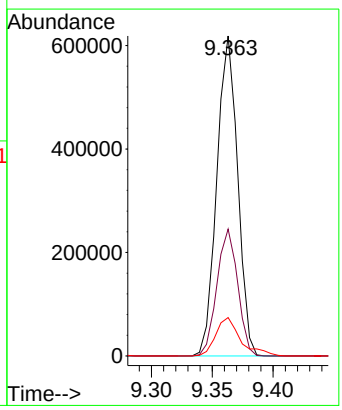
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

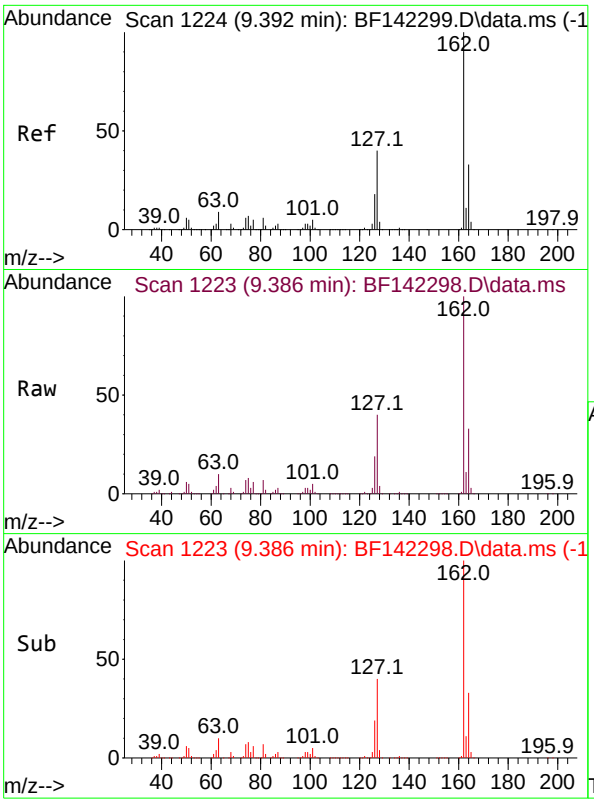


#46
1,1'-Biphenyl
Concen: 21.344 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:154 Resp: 735501

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.5	60.5
76	12.0	0.0	32.8

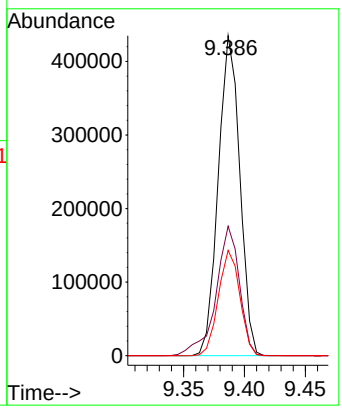




#47
2-Chloronaphthalene
Concen: 20.924 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:162 Resp: 53620

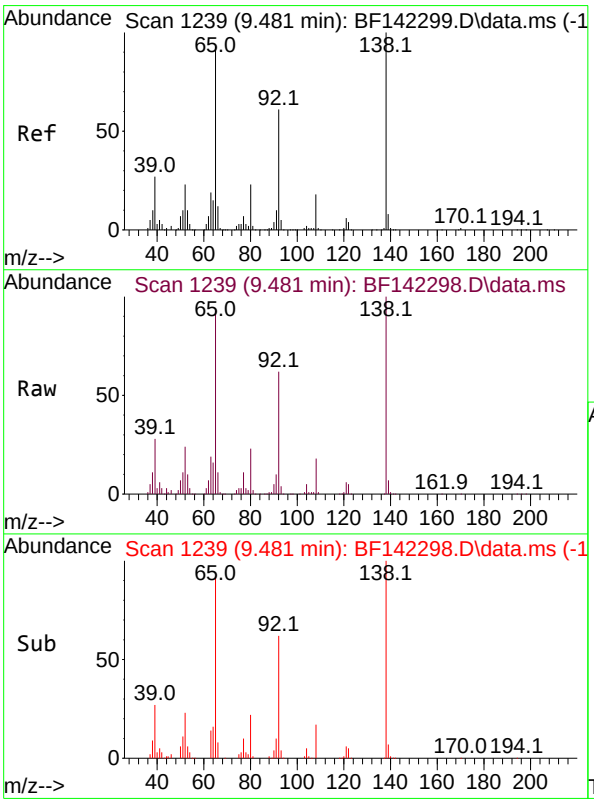
Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.3	48.5
164	32.9	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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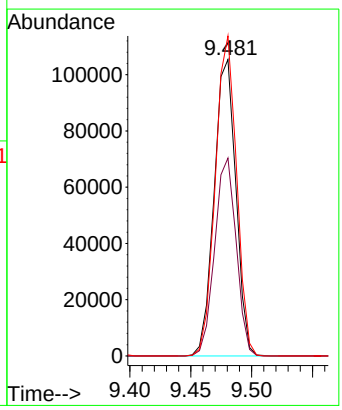
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

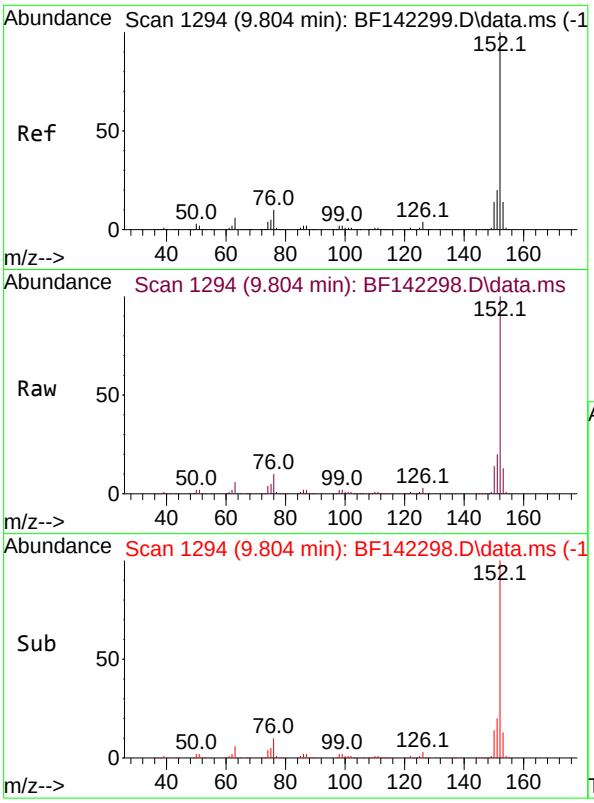


#48
2-Nitroaniline
Concen: 19.985 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 65 Resp: 131275

Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.3	78.5
138	107.9	85.6	128.4

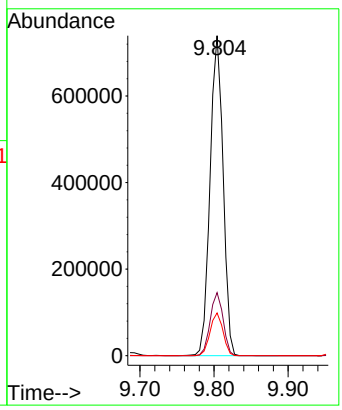




#49
Acenaphthylene
Concen: 21.063 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:152 Resp: 90294

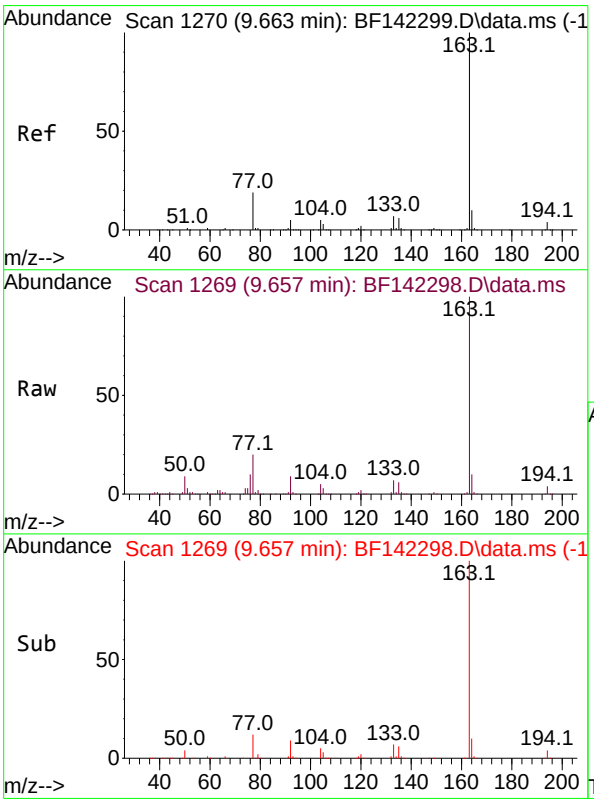
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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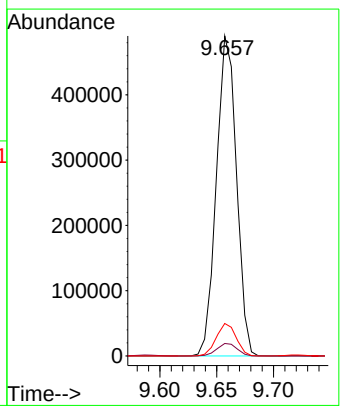
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

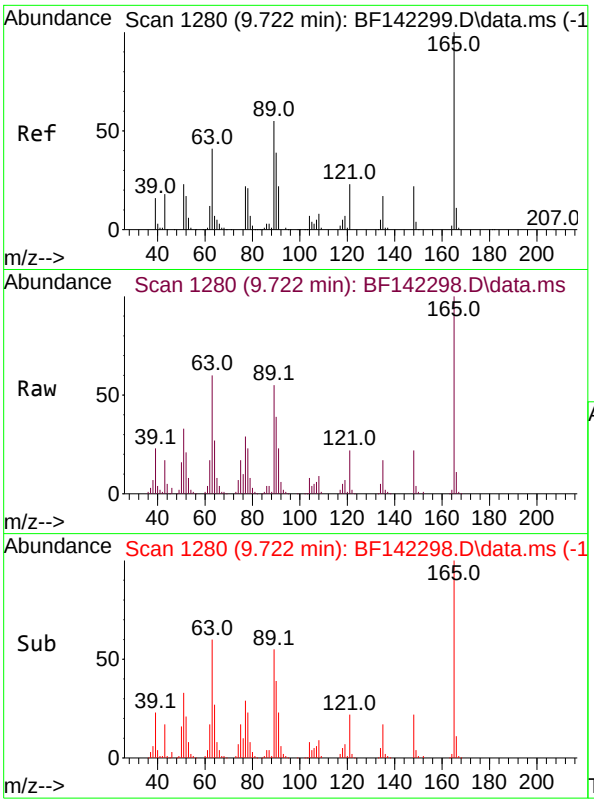


#50
Dimethylphthalate
Concen: 20.930 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:163 Resp: 604026

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 20.163 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

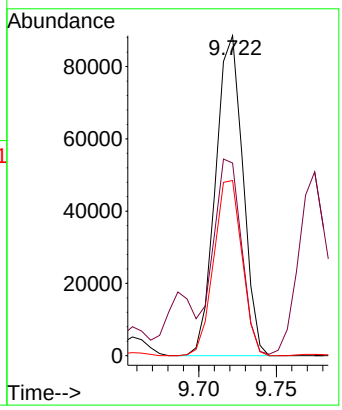
Tgt Ion:165 Resp: 10891

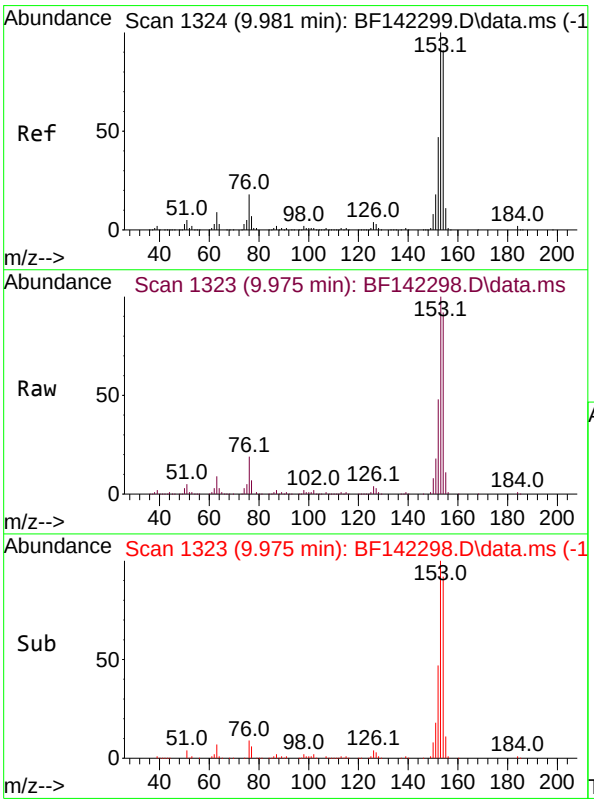
Ion	Ratio	Lower	Upper
165	100		
63	60.2	49.5	74.3
89	54.7	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

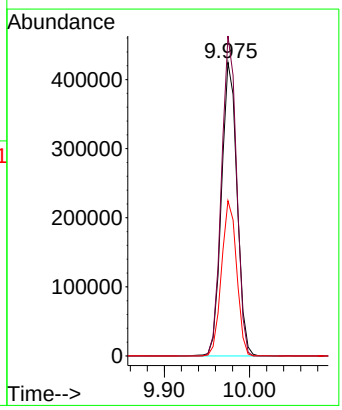


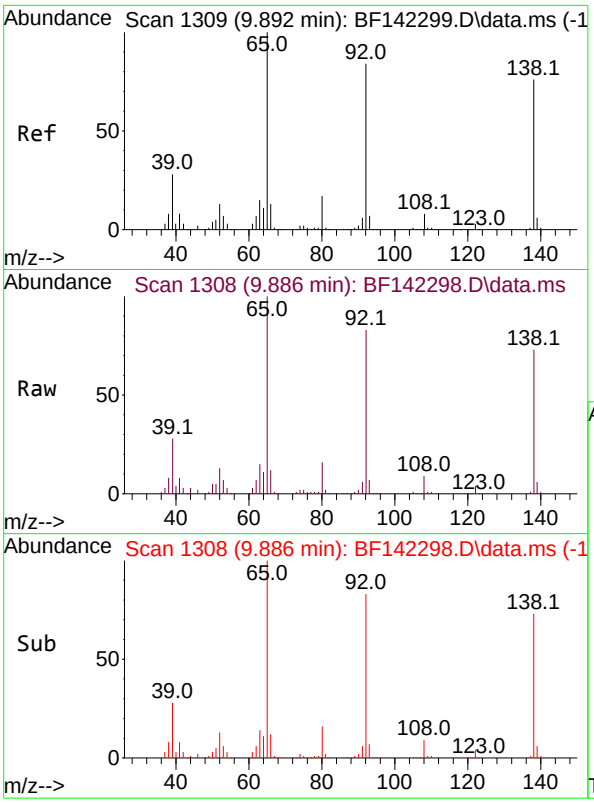


#52
Acenaphthene
Concen: 20.925 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:154 Resp: 539391

Ion	Ratio	Lower	Upper
154	100		
153	109.0	88.0	132.0
152	52.8	41.6	62.4





#53
3-Nitroaniline
Concen: 20.431 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

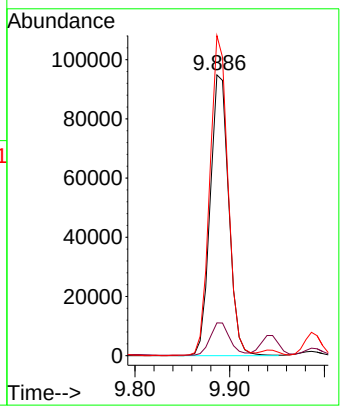
Tgt Ion:138 Resp: 12943

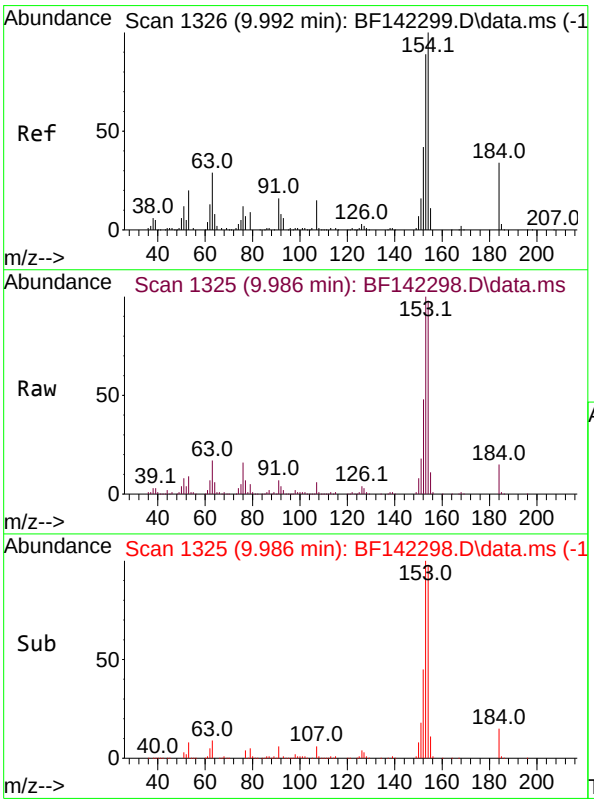
Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.7	13.1
92	114.0	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

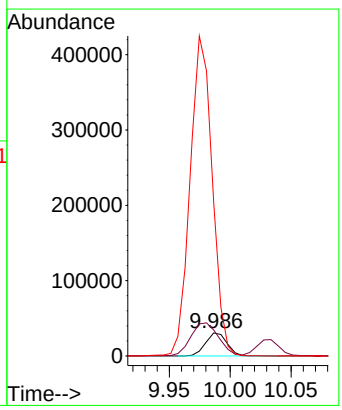


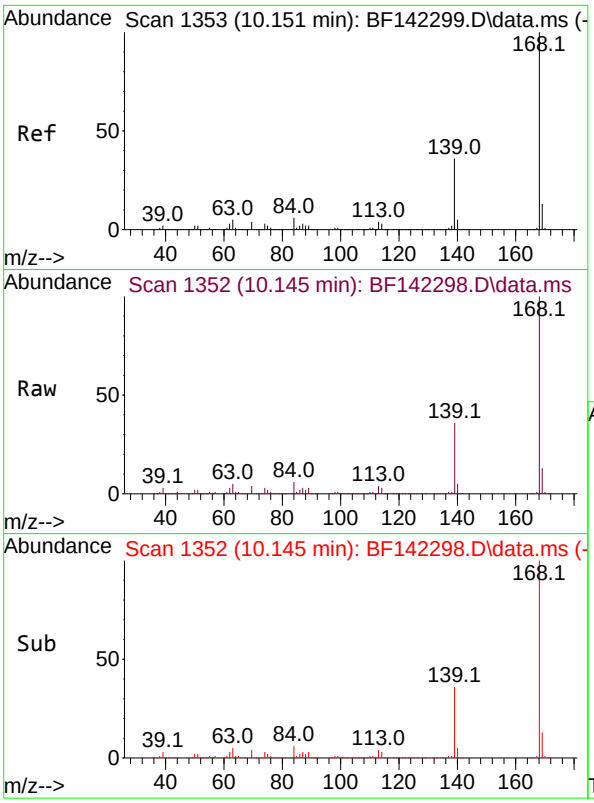


#54
2,4-Dinitrophenol
Concen: 19.641 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:184 Resp: 37439

Ion	Ratio	Lower	Upper
184	100		
63	112.9	70.6	105.8#
154	667.4	257.2	385.8#

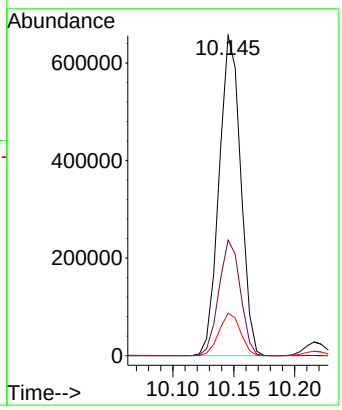




#55
Dibenzofuran
Concen: 21.274 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:168 Resp: 80932

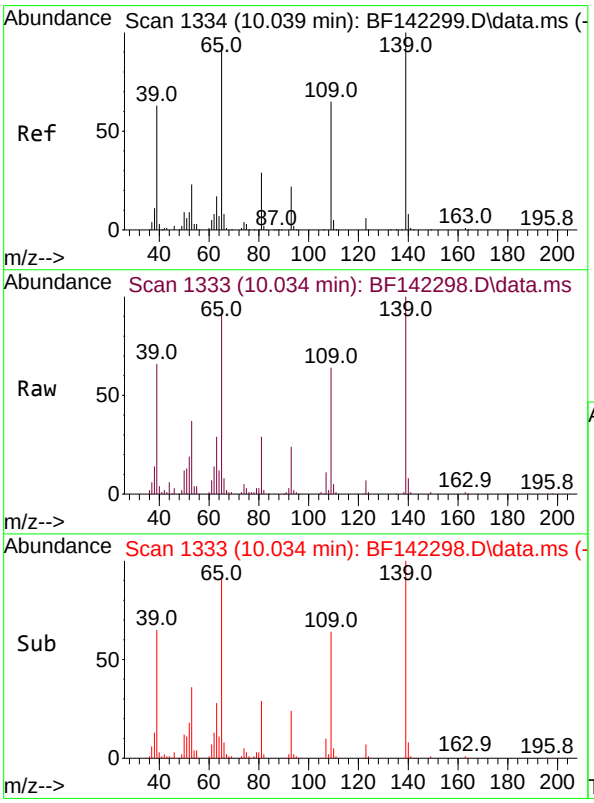
Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.0	43.4
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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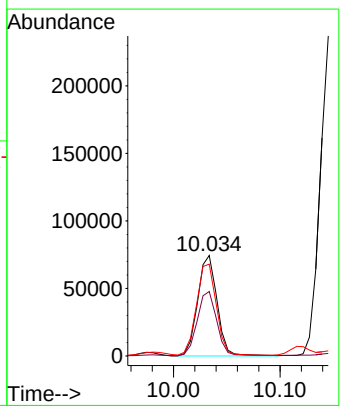
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

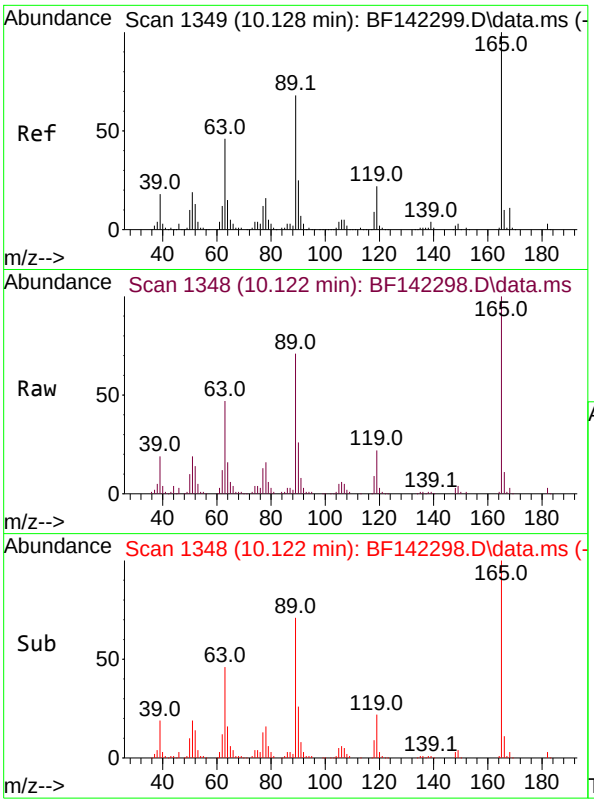


#56
4-Nitrophenol
Concen: 19.802 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:139 Resp: 94419

Ion	Ratio	Lower	Upper
139	100		
109	64.1	45.3	85.3
65	91.3	73.9	113.9

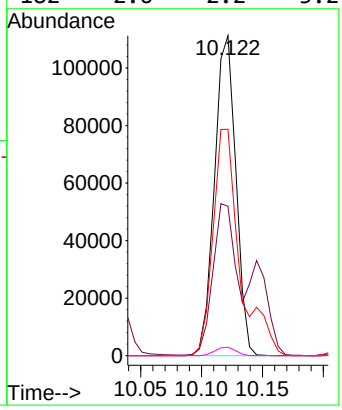




#57
2,4-Dinitrotoluene
Concen: 19.647 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:165 Resp: 13613

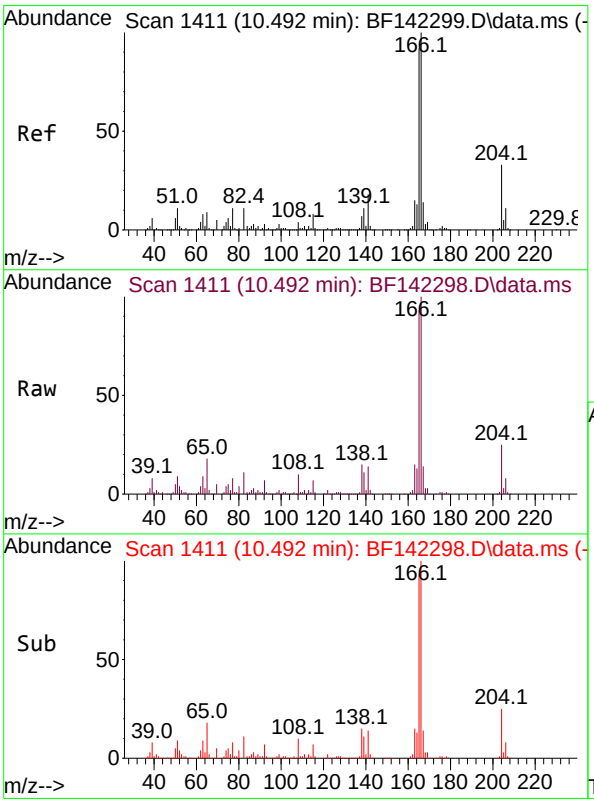
Ion	Ratio	Lower	Upper
165	100		
63	46.7	37.1	55.7
89	70.8	54.4	81.6
182	2.6	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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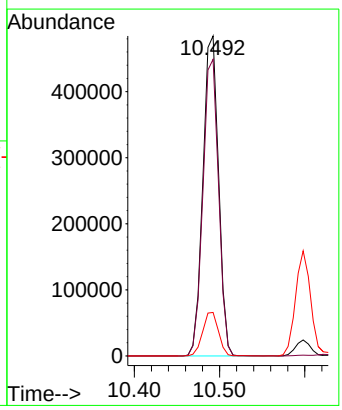
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

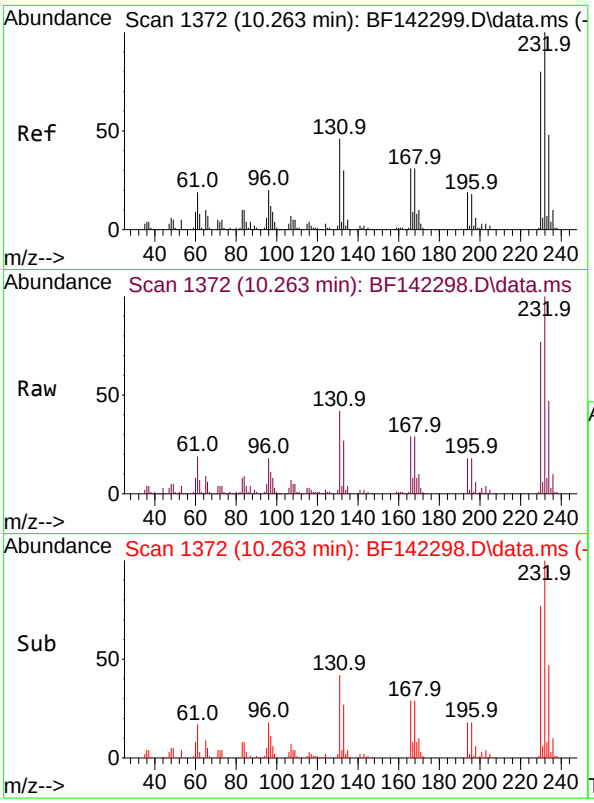


#58
Fluorene
Concen: 21.273 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:166 Resp: 617592

Ion	Ratio	Lower	Upper
166	100		
165	92.7	74.0	111.0
167	13.6	10.9	16.3

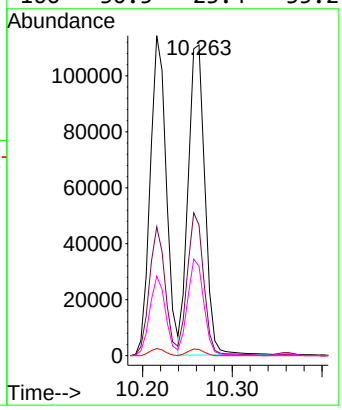




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.664 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:232 Resp: 14370

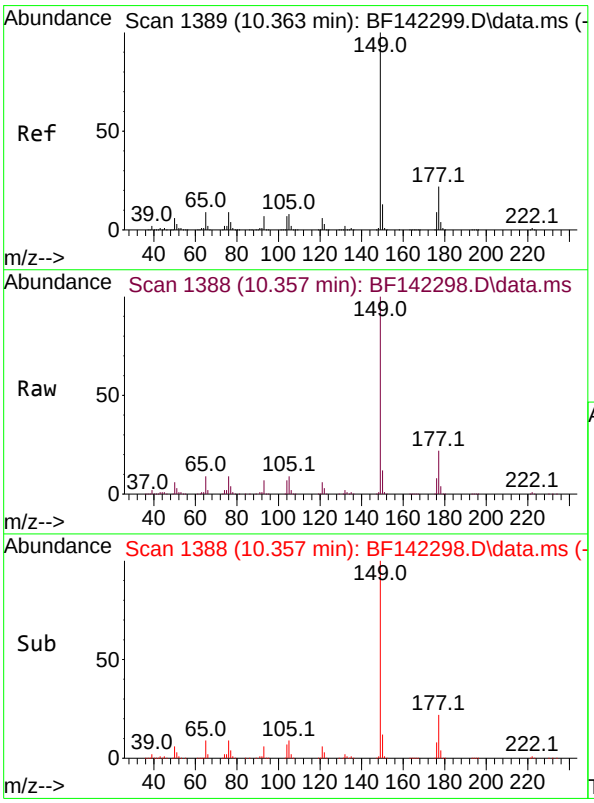
Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.1	1.8	2.6
166	30.5	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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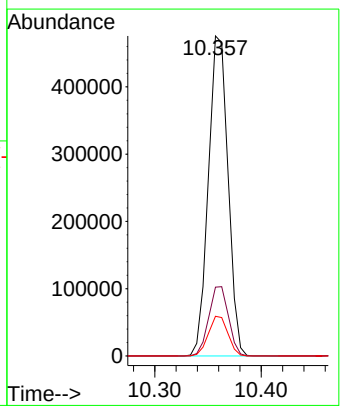
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

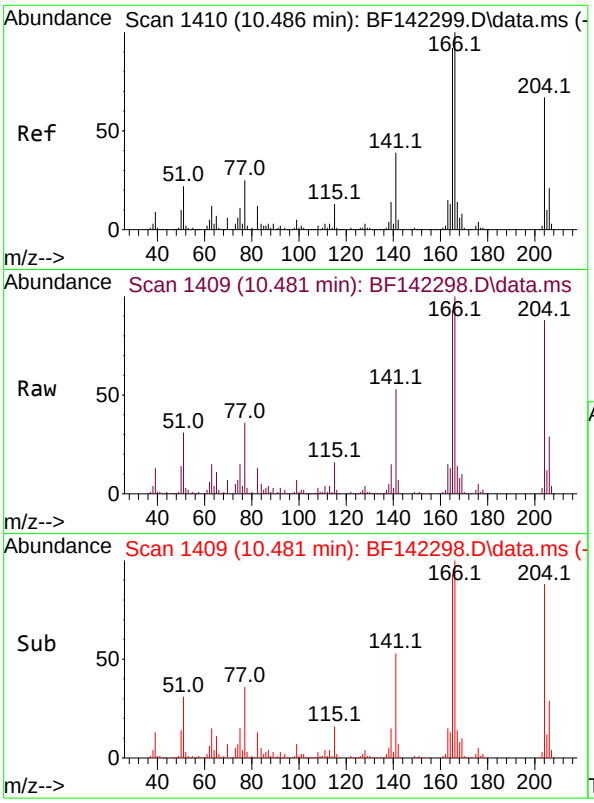


#60
Diethylphthalate
Concen: 21.134 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 609078

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.6	26.4
150	12.4	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 21.116 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

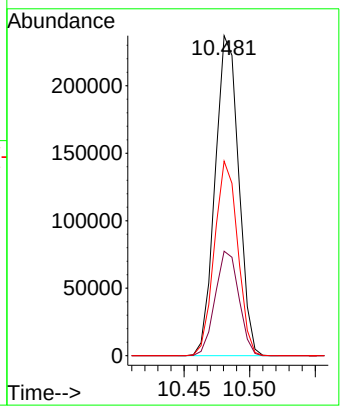
Tgt Ion:204 Resp: 29576

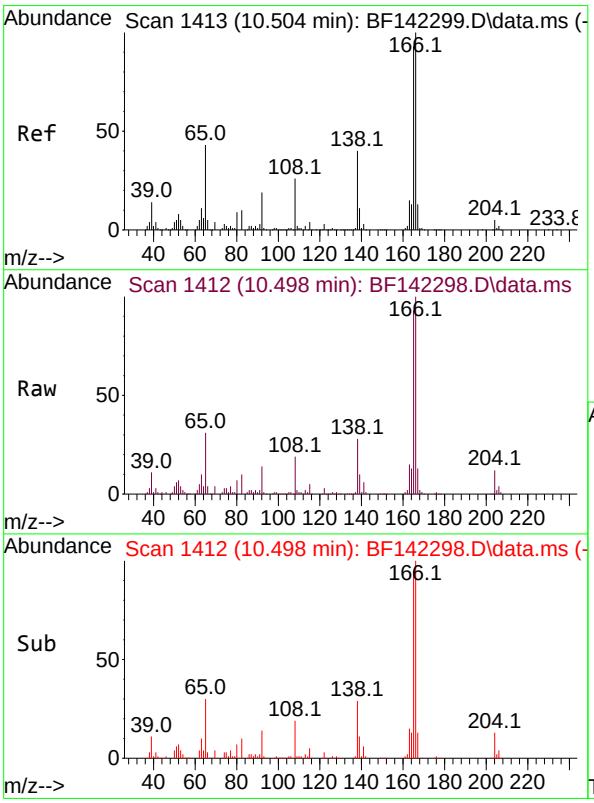
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	60.8	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

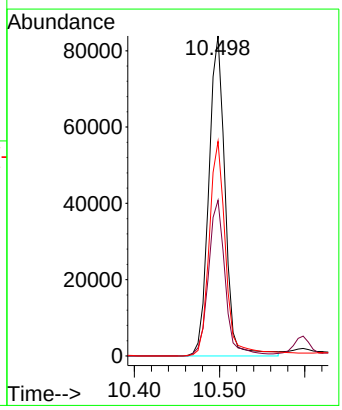


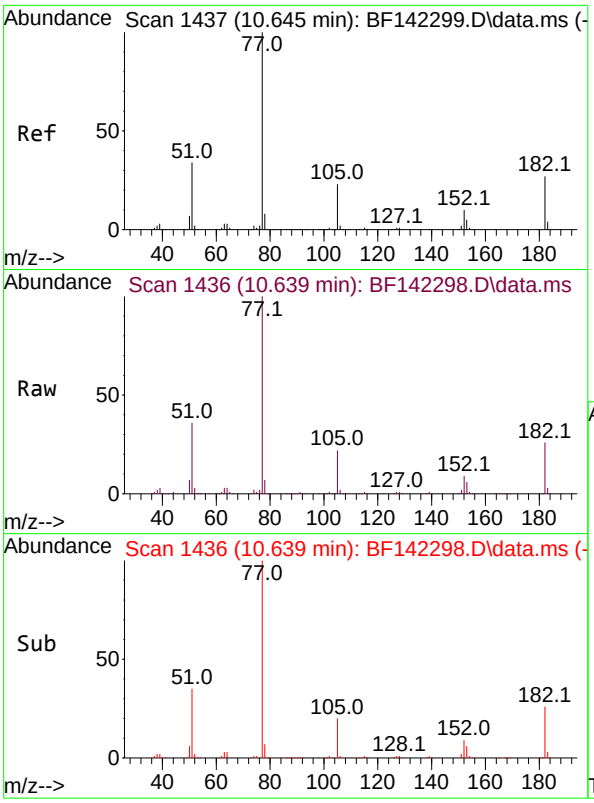


#62
4-Nitroaniline
Concen: 22.228 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:138 Resp: 111613

Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.3	67.3
108	67.0	45.1	85.1

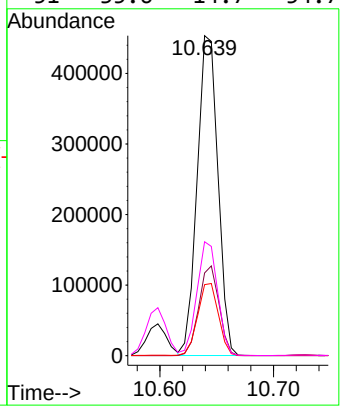




#63
Azobenzene
Concen: 20.964 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion: 77 Resp: 57734

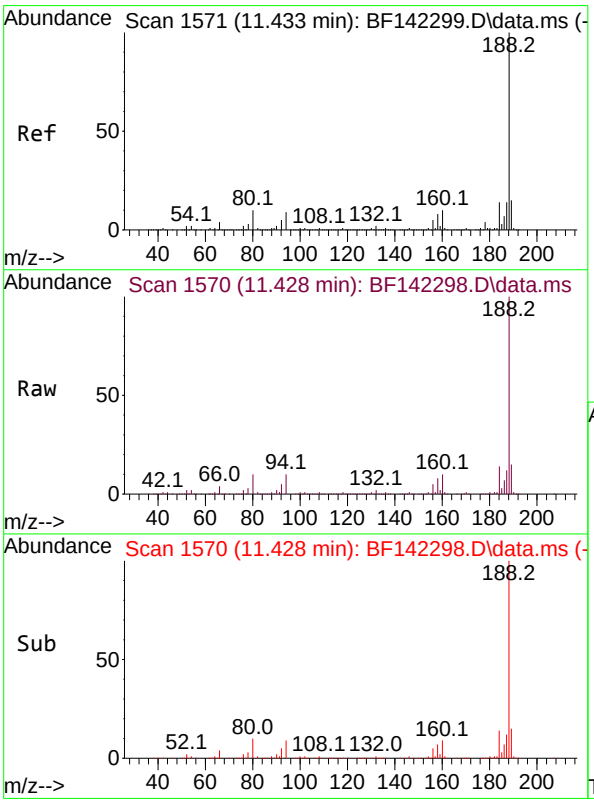
Ion	Ratio	Lower	Upper
77	100		
182	25.8	6.9	46.9
105	22.2	2.7	42.7
51	35.6	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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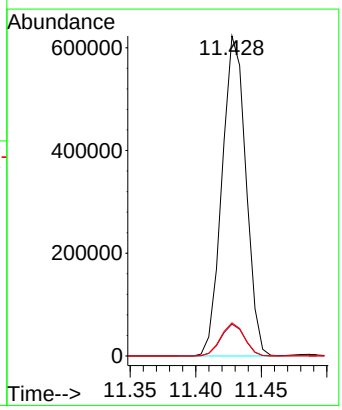
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

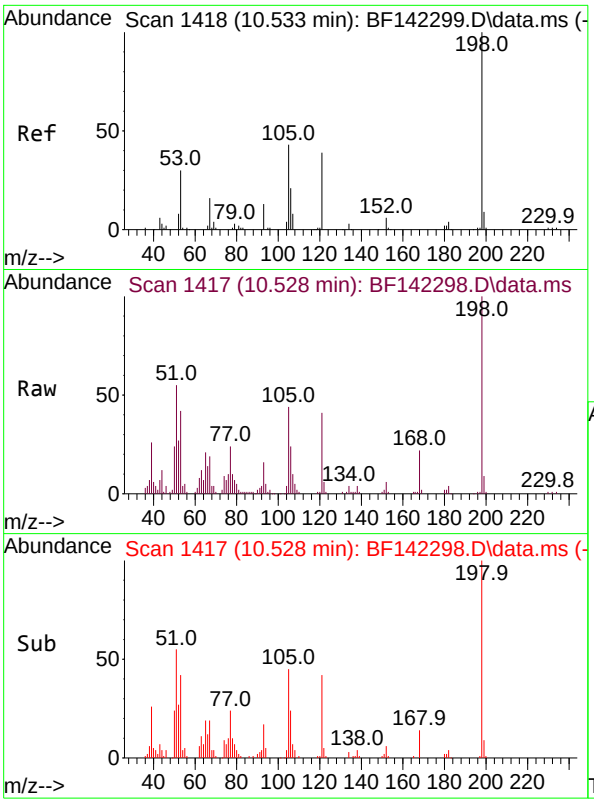


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:188 Resp: 788283

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.5	11.3
80	10.4	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 19.555 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

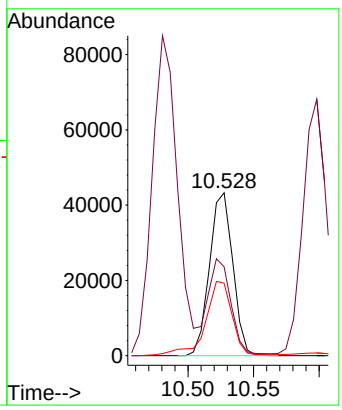
Tgt Ion:198 Resp: 5345

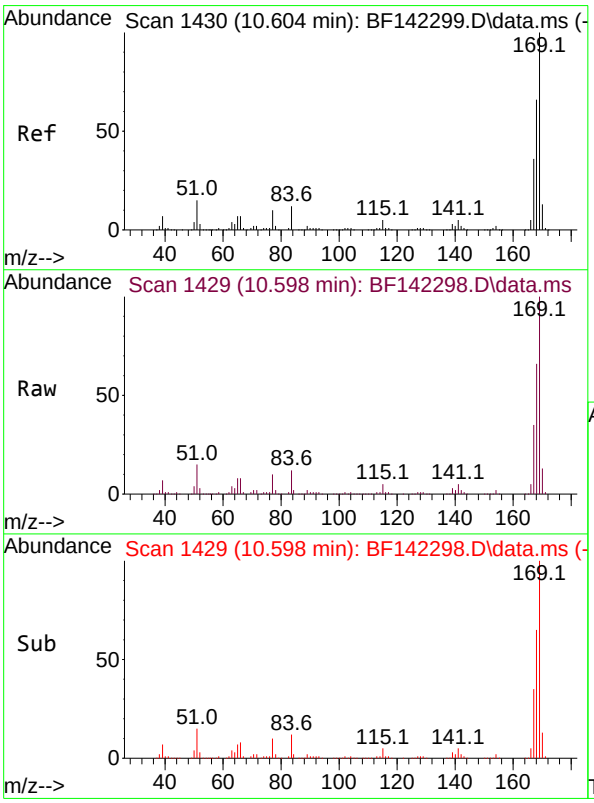
Ion	Ratio	Lower	Upper
198	100		
51	54.5	32.9	72.9
105	44.5	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

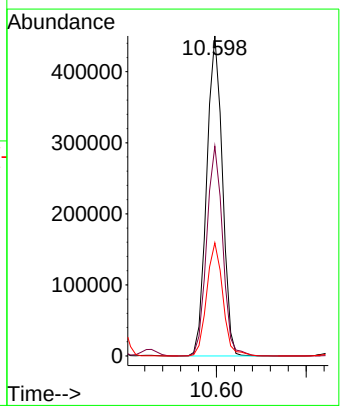


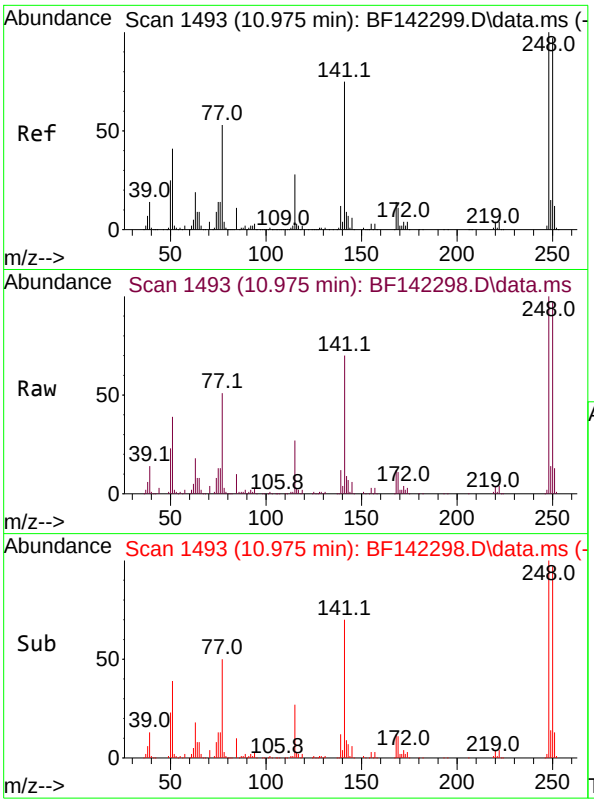


#66
n-Nitrosodiphenylamine
Concen: 20.811 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:169 Resp: 545886

Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.2	79.8
167	35.3	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 20.459 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

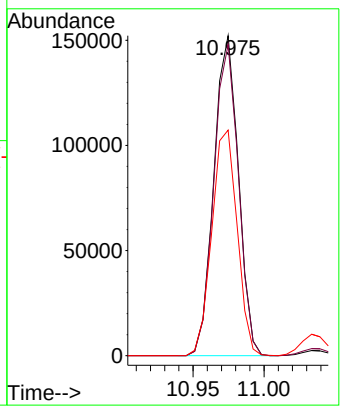
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

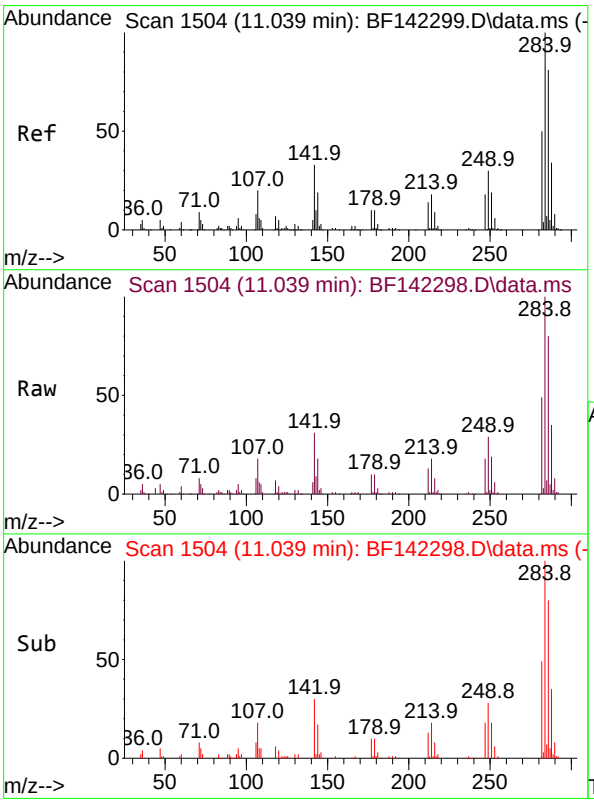
Tgt Ion:248 Resp: 18278

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.9	116.9
141	70.5	59.8	89.8

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/06/2025

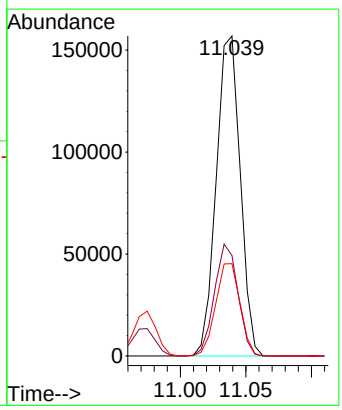


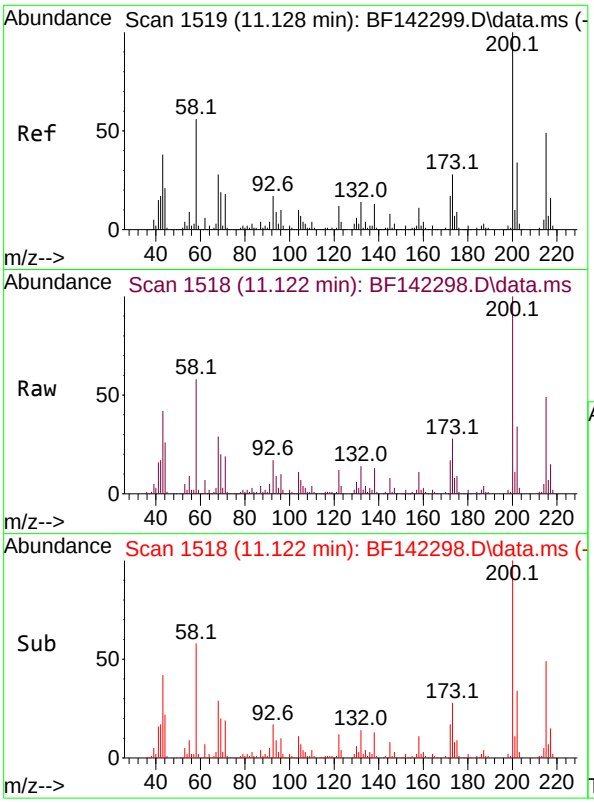


#68
Hexachlorobenzene
Concen: 20.307 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:284 Resp: 199561

Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.6	39.8
249	28.9	24.1	36.1

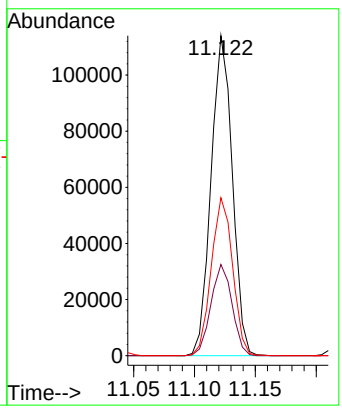




#69
Atrazine
Concen: 20.082 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:200 Resp: 13886

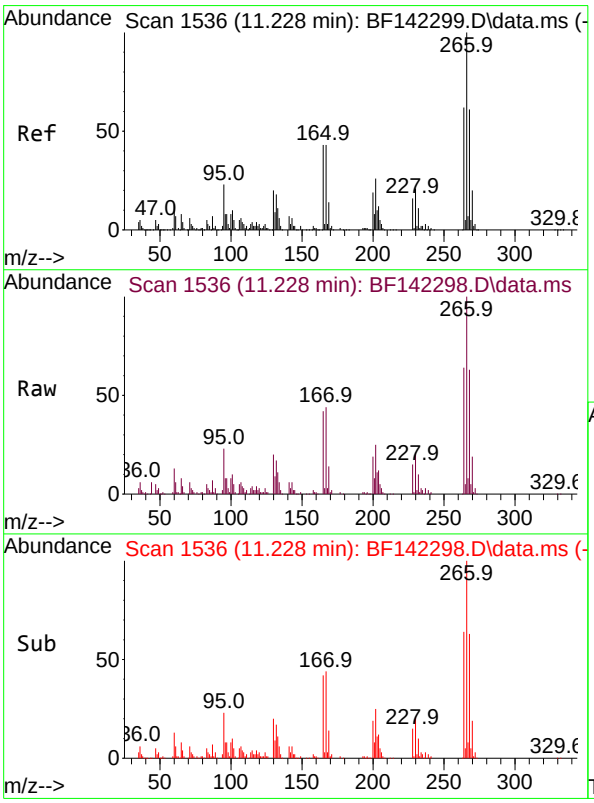
Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.1	48.1
215	49.3	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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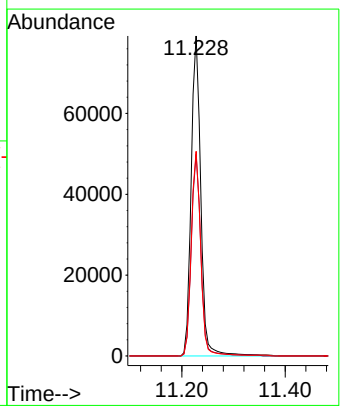
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

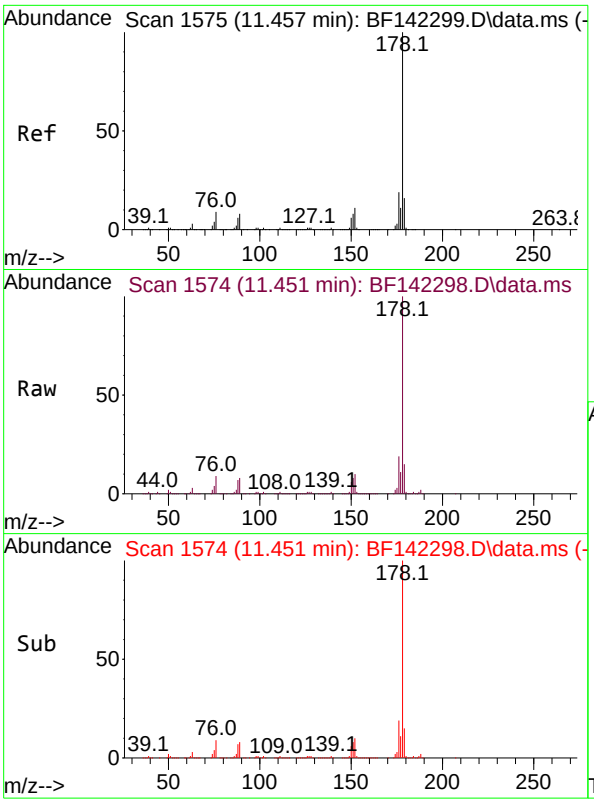


#70
Pentachlorophenol
Concen: 19.845 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:266 Resp: 102593

Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.7	73.1
264	63.9	49.8	74.6

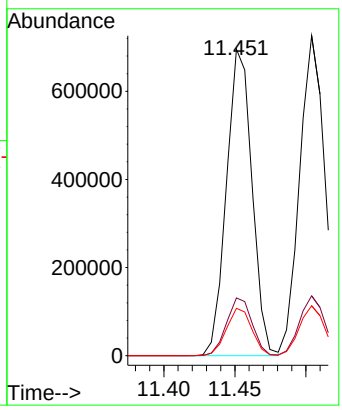




#71
Phenanthrene
Concen: 21.083 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:178 Resp: 87113

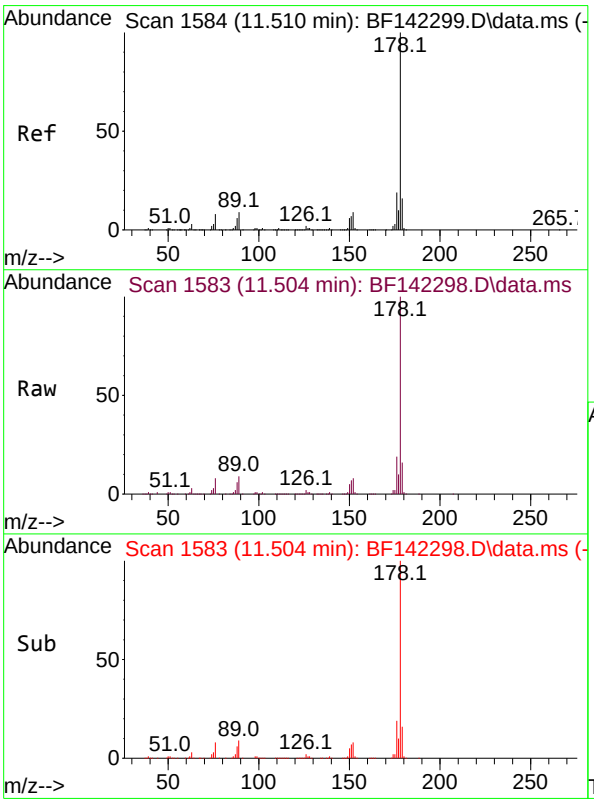
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.5	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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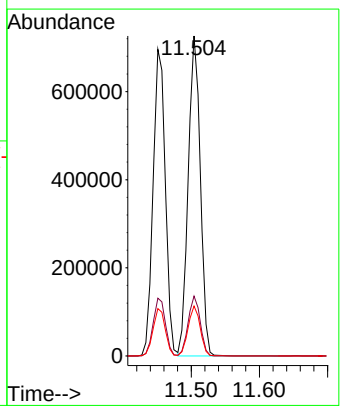
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

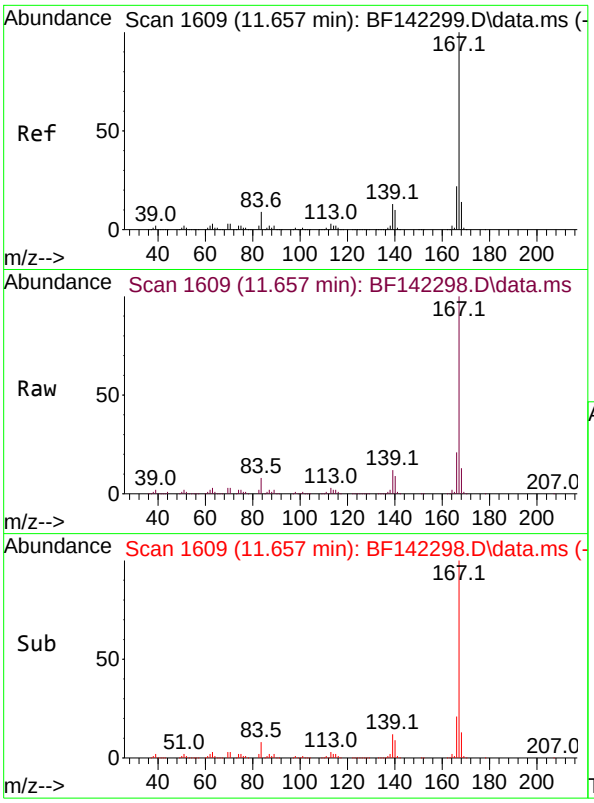


#72
Anthracene
Concen: 21.056 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:178 Resp: 893968

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.6	12.6	18.8

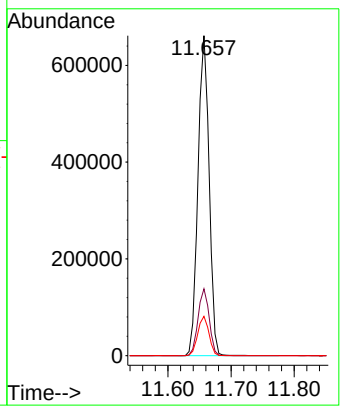




#73
Carbazole
Concen: 21.189 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:167 Resp: 80708

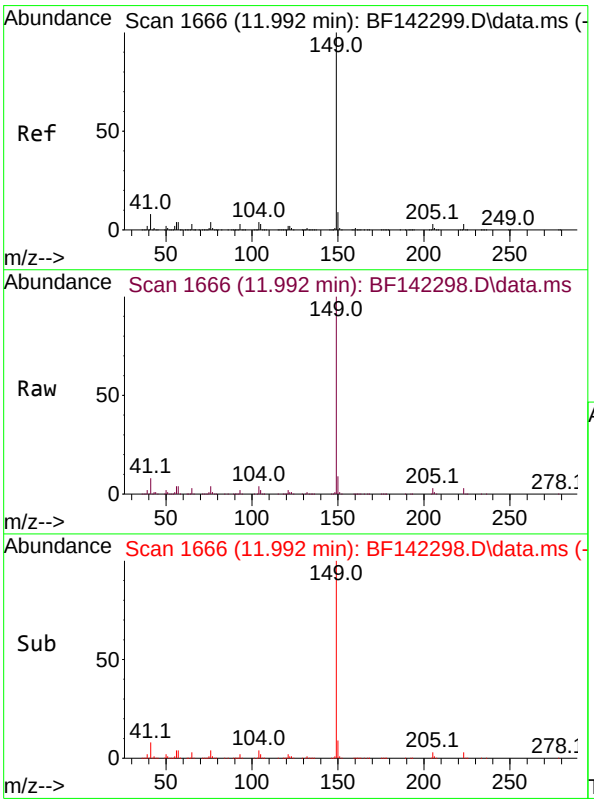
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.3	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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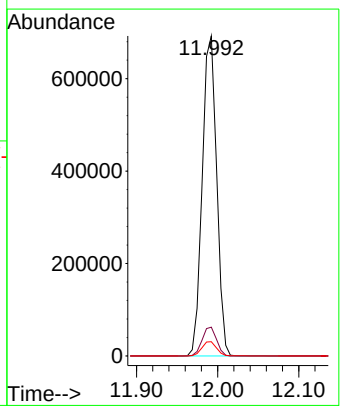
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

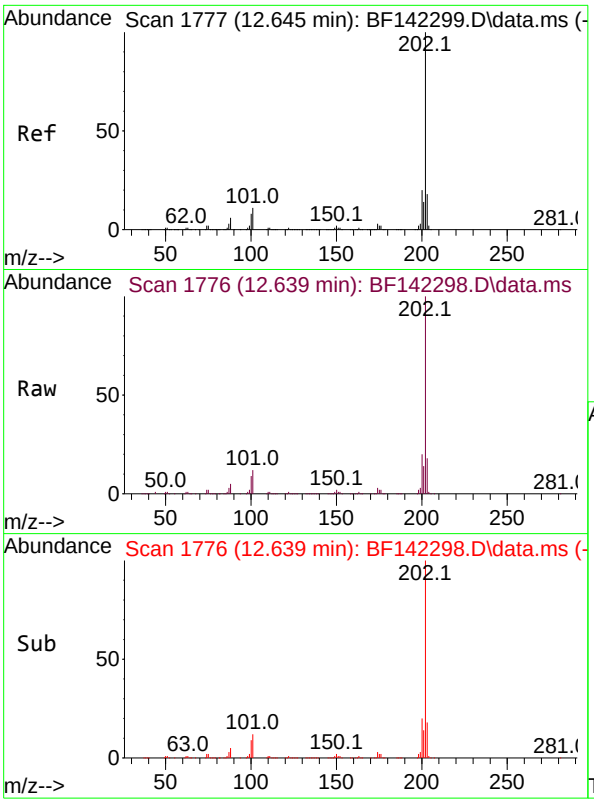


#74
Di-n-butylphthalate
Concen: 21.293 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 852839

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.4	3.6	5.4





#75
Fluoranthene
Concen: 21.523 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

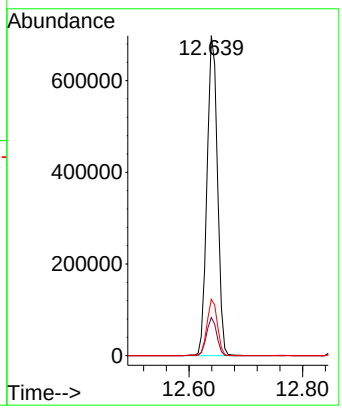
Tgt Ion:202 Resp: 88897

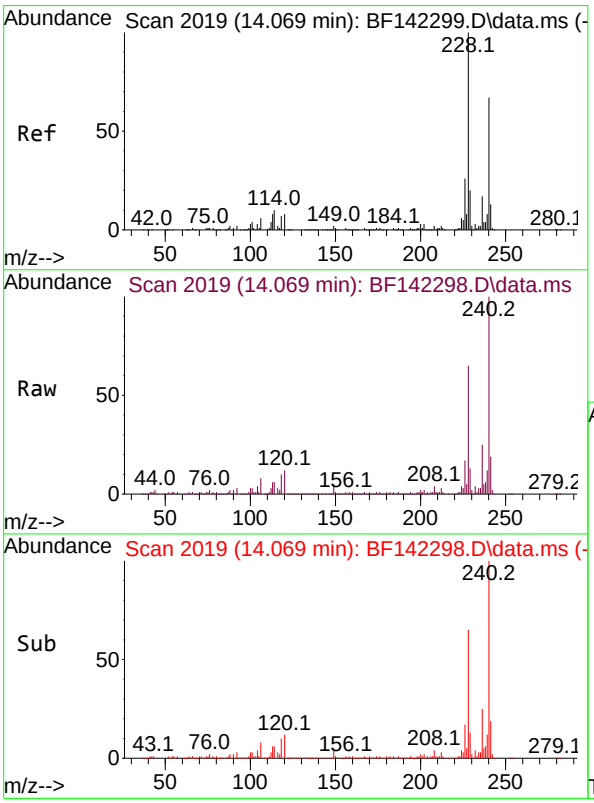
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.6	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

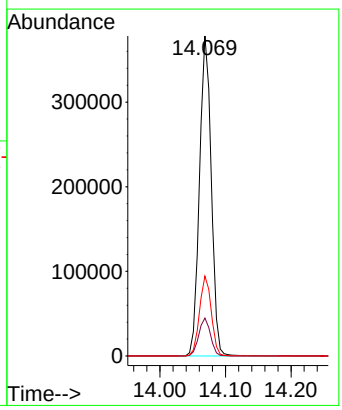


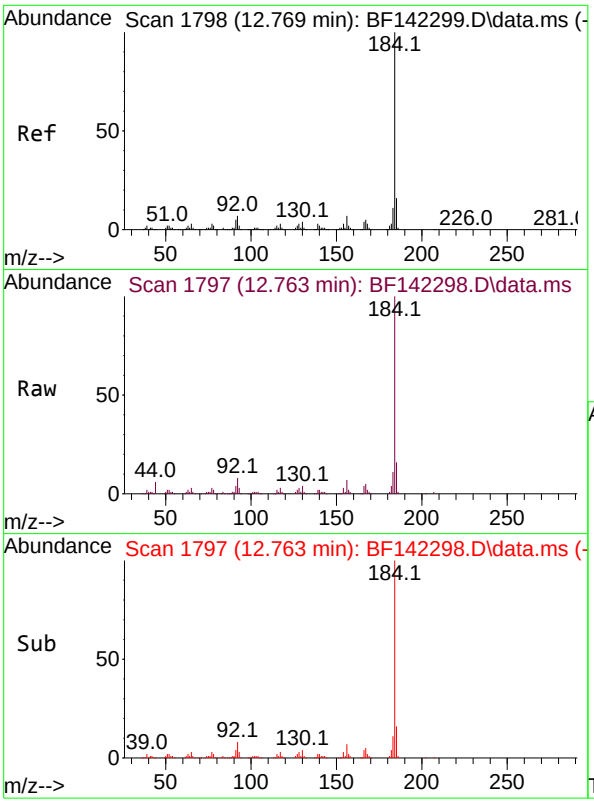


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:240 Resp: 473278

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.7	14.5
236	25.0	20.0	30.0

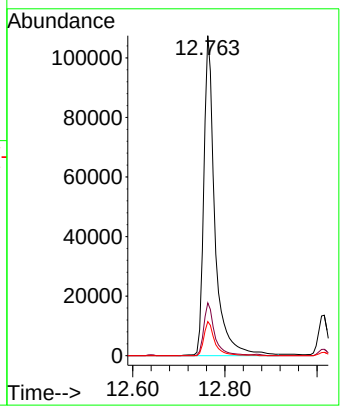




#77
Benzidine
Concen: 21.110 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:184 Resp: 18156

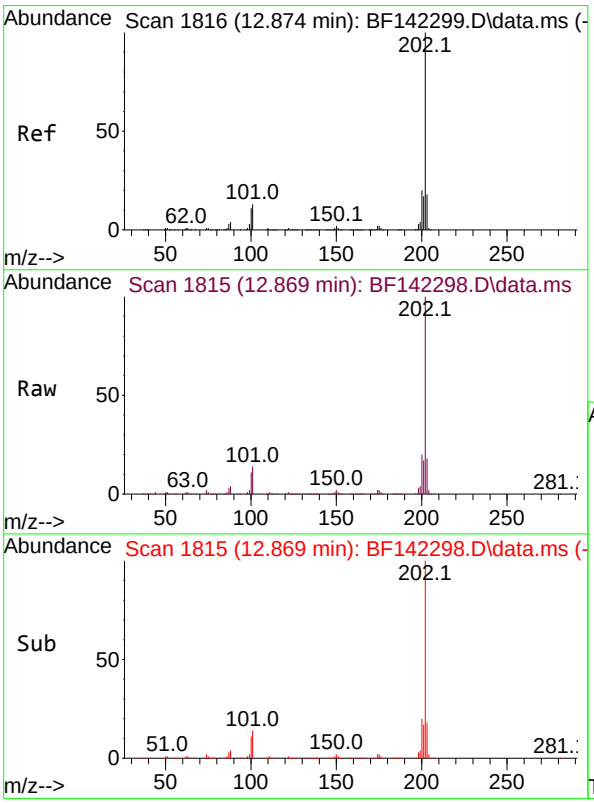
Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	10.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

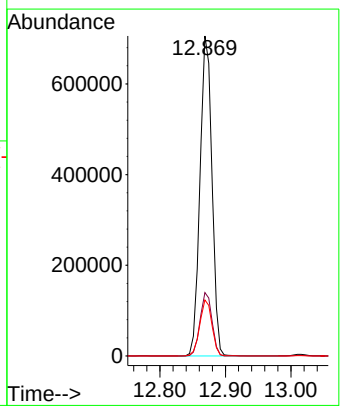
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

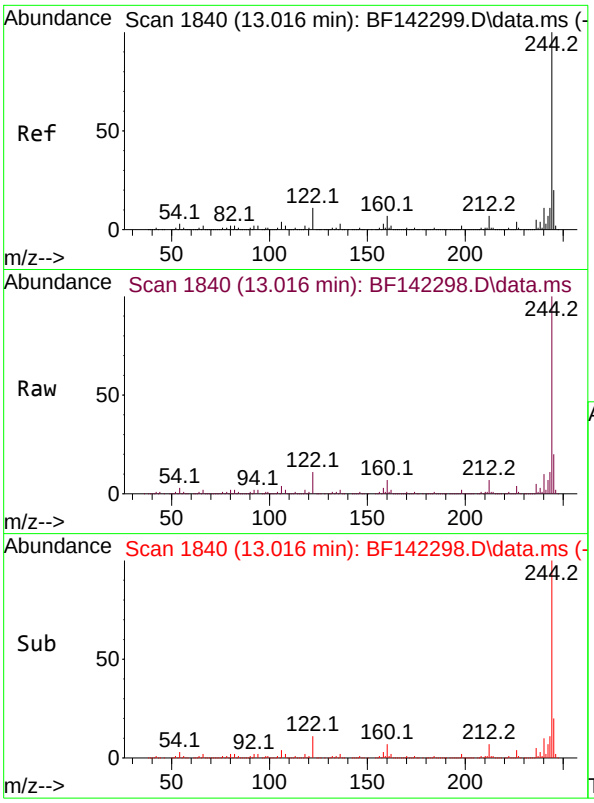


#78
Pyrene
Concen: 21.373 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:202 Resp: 900375

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.2	24.4
203	17.5	14.3	21.5

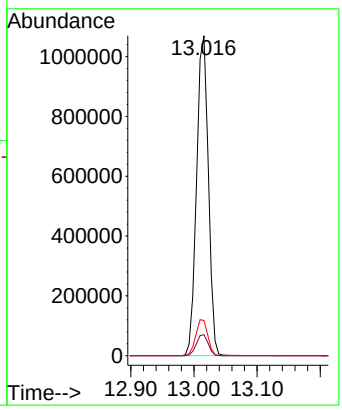




#79
Terphenyl-d14
Concen: 43.222 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:244 Resp: 138206

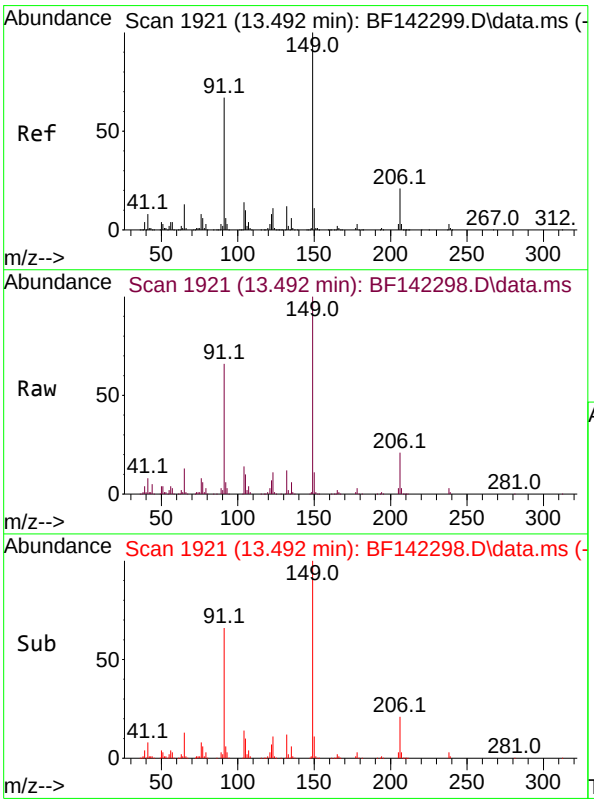
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.0	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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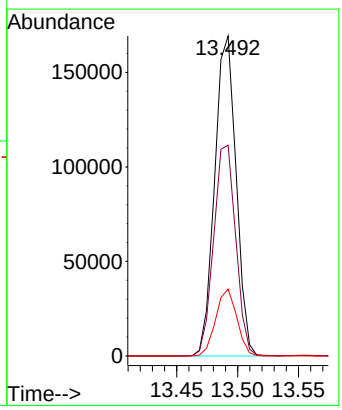
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

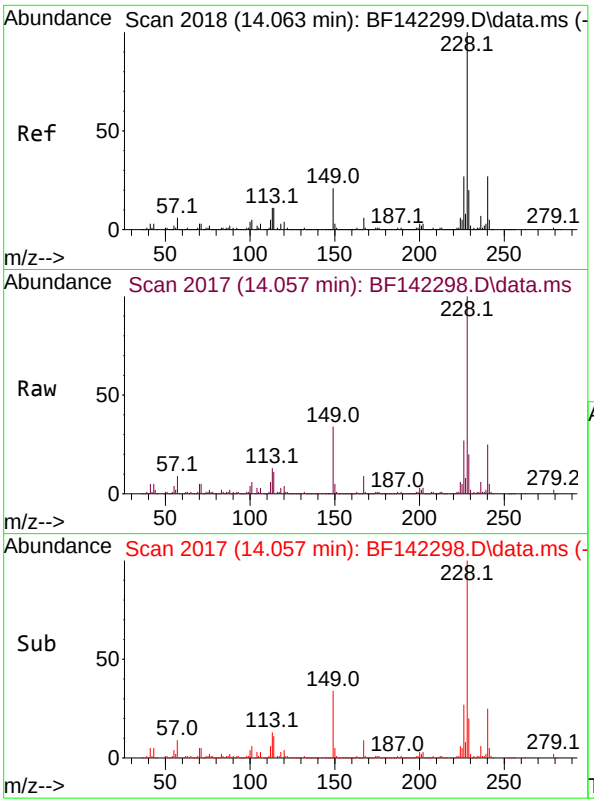


#80
Butylbenzylphthalate
Concen: 19.258 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 207602

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.8	80.6
206	20.9	16.6	24.8

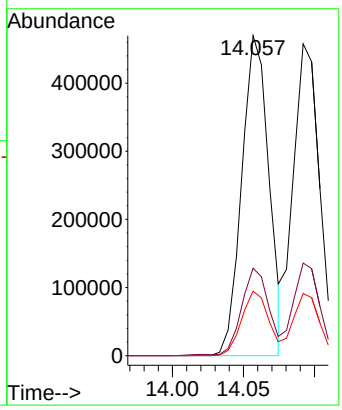




#81
Benzo(a)anthracene
Concen: 20.336 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:228 Resp: 62328

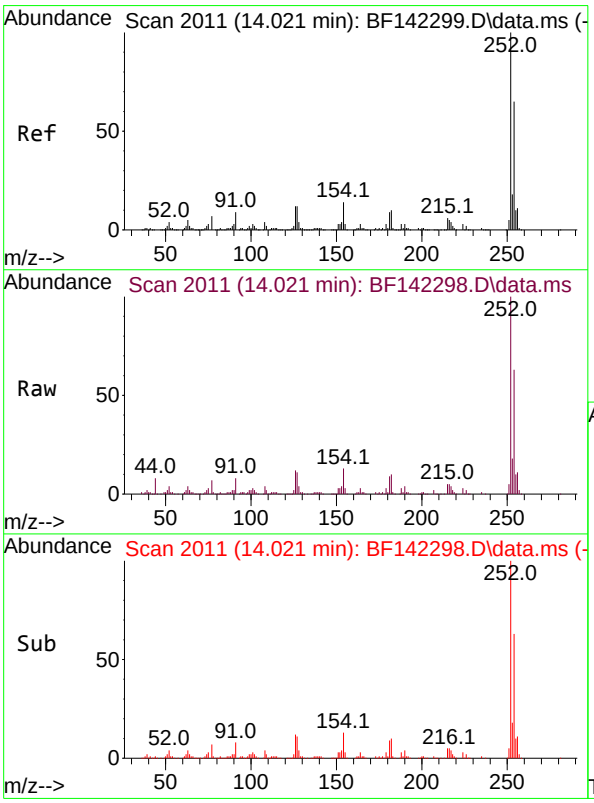
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.2	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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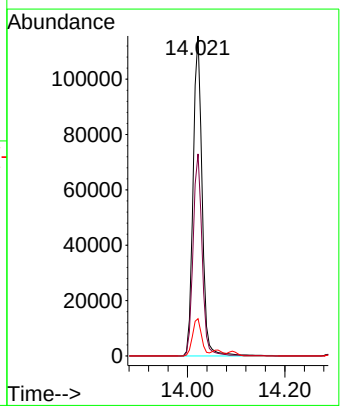
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

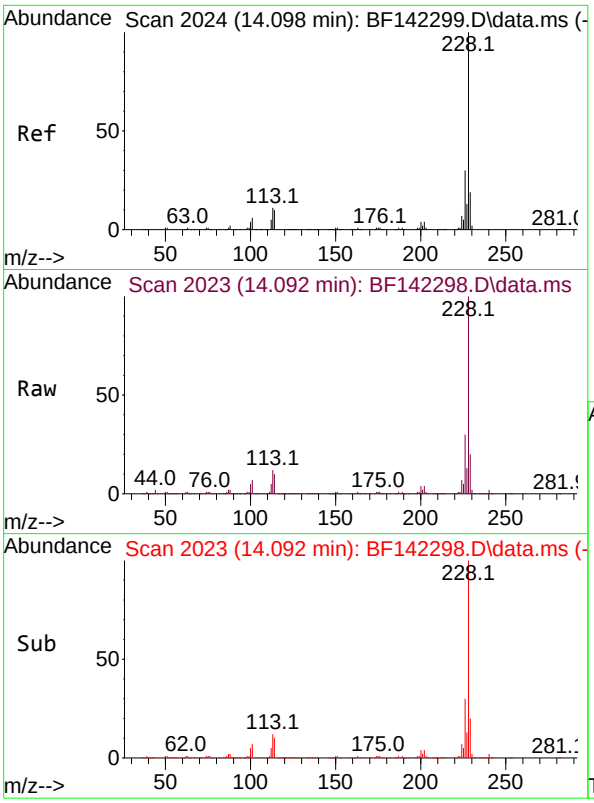


#82
3,3'-Dichlorobenzidine
Concen: 20.978 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 149520

Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.0	78.0
126	11.7	9.7	14.5

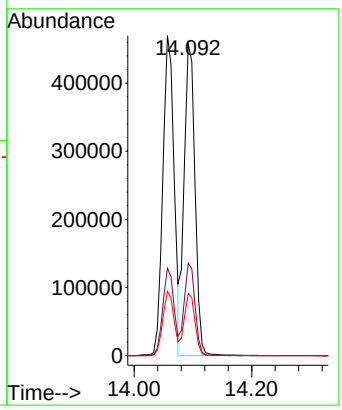




#83
Chrysene
Concen: 20.676 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:228 Resp: 58996

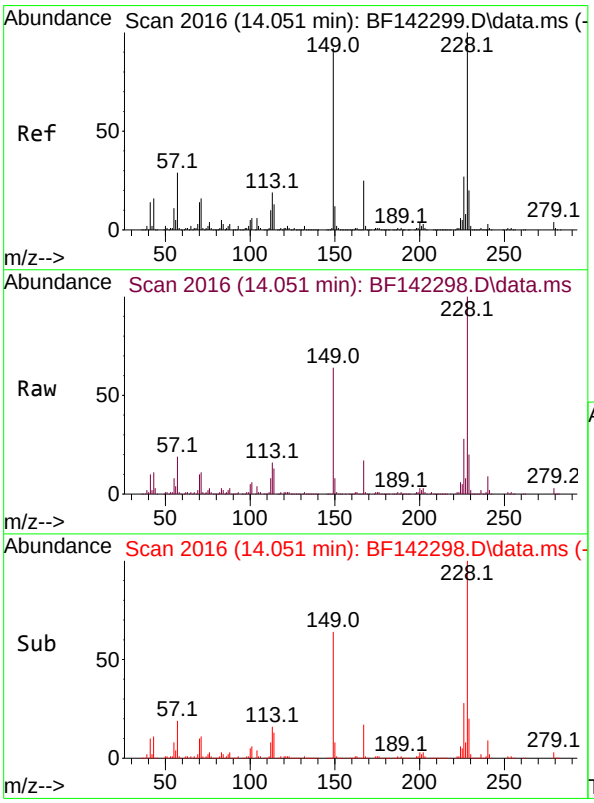
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.9	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

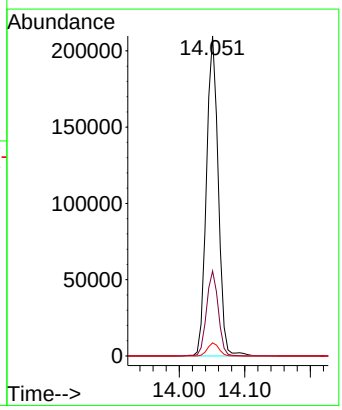
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

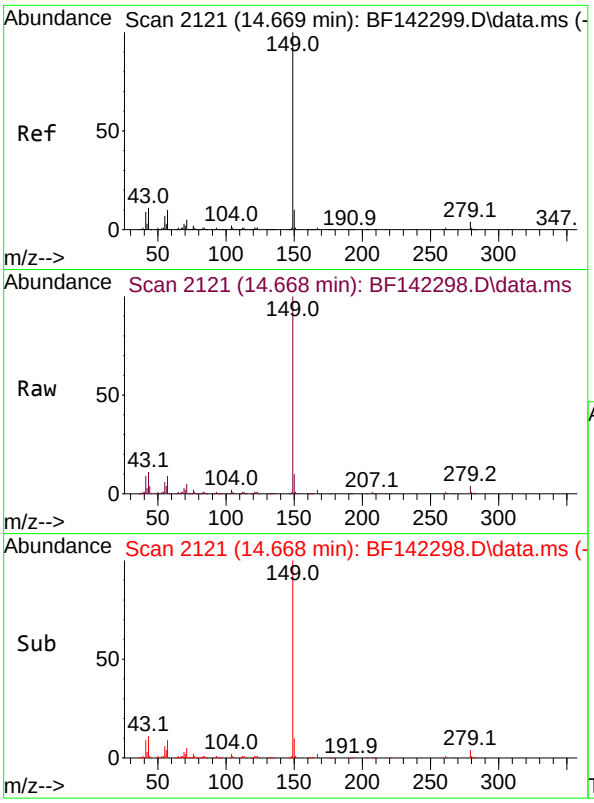


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.237 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:149 Resp: 263391

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.0	33.0
279	4.1	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 19.581 ng
RT: 14.668 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

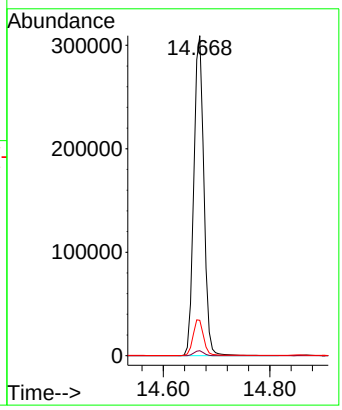
Tgt Ion:149 Resp: 40507

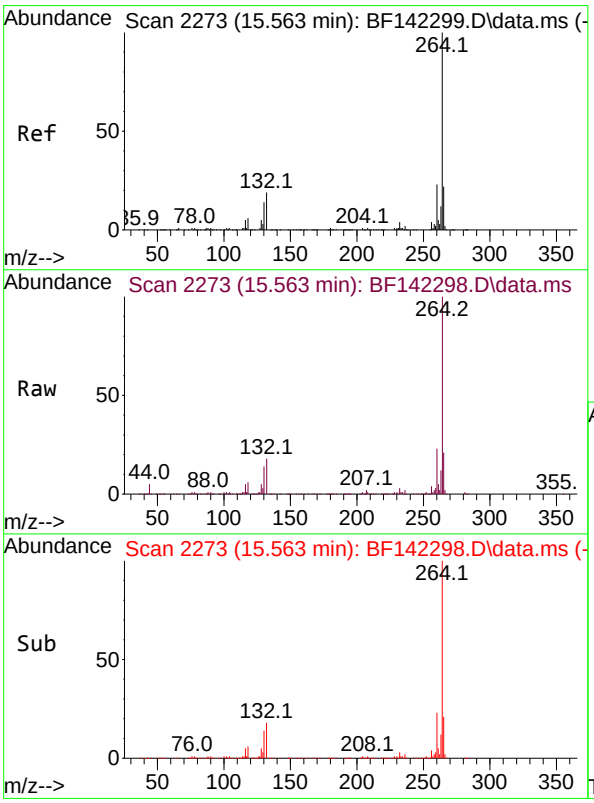
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.8	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

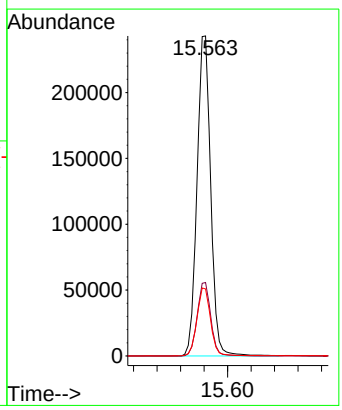


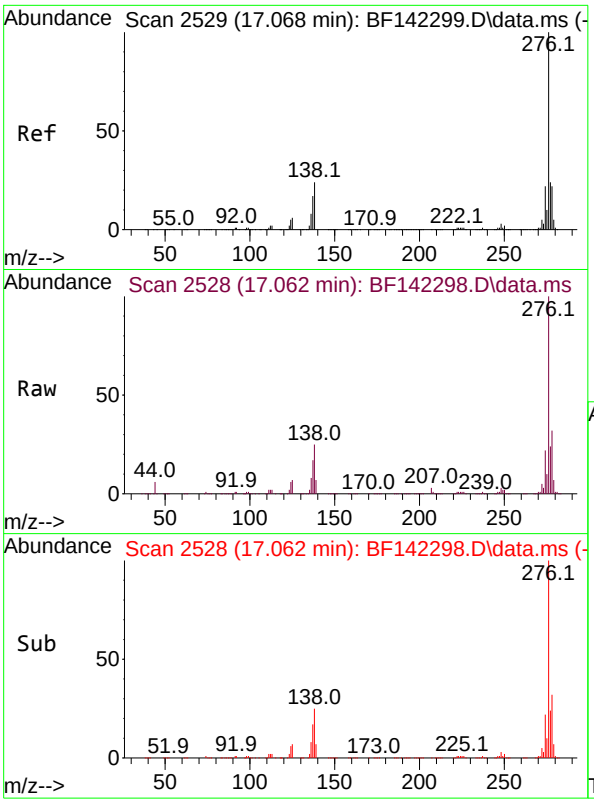


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:264 Resp: 392077

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.0	17.5	26.3

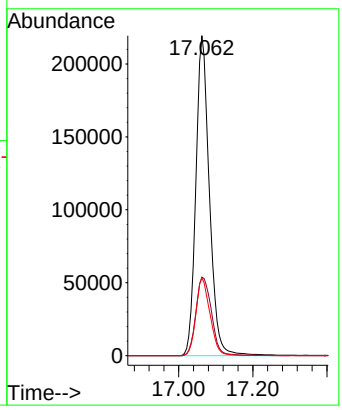




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.421 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:276 Resp: 55696

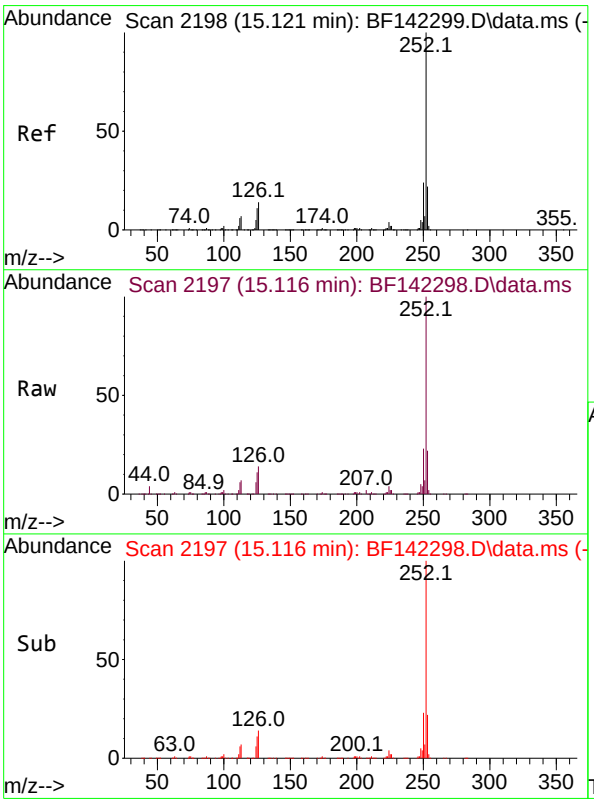
Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.0	33.0
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

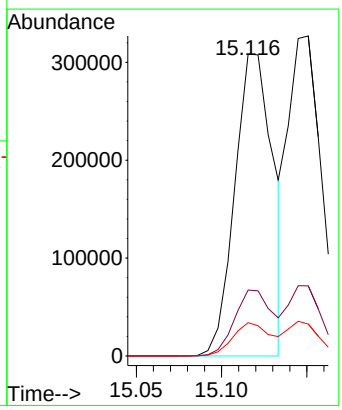
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

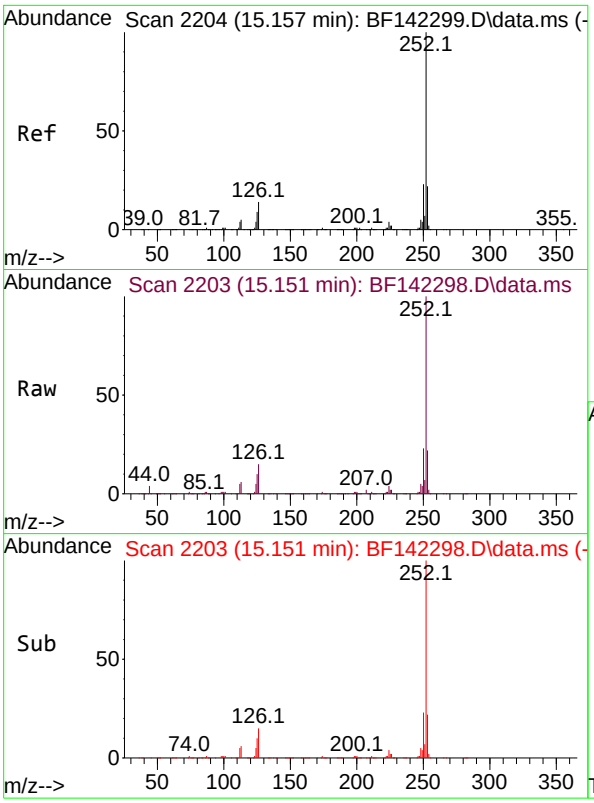


#88
Benzo(b)fluoranthene
Concen: 20.261 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 481134

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.0	8.7	13.1

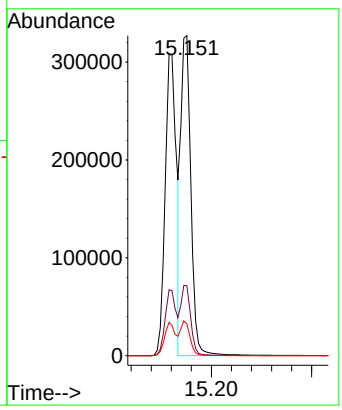




#89
Benzo(k)fluoranthene
Concen: 20.996 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 45626

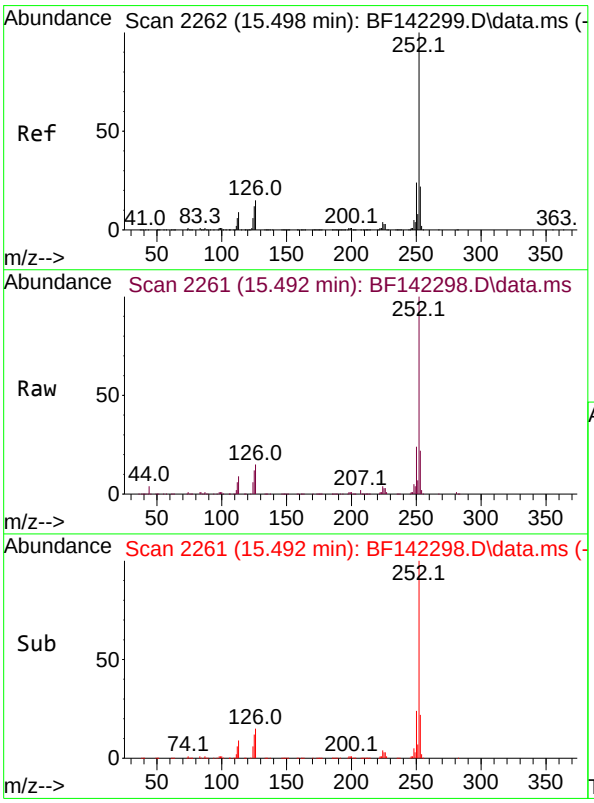
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

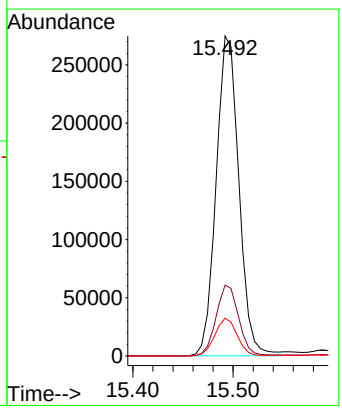
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

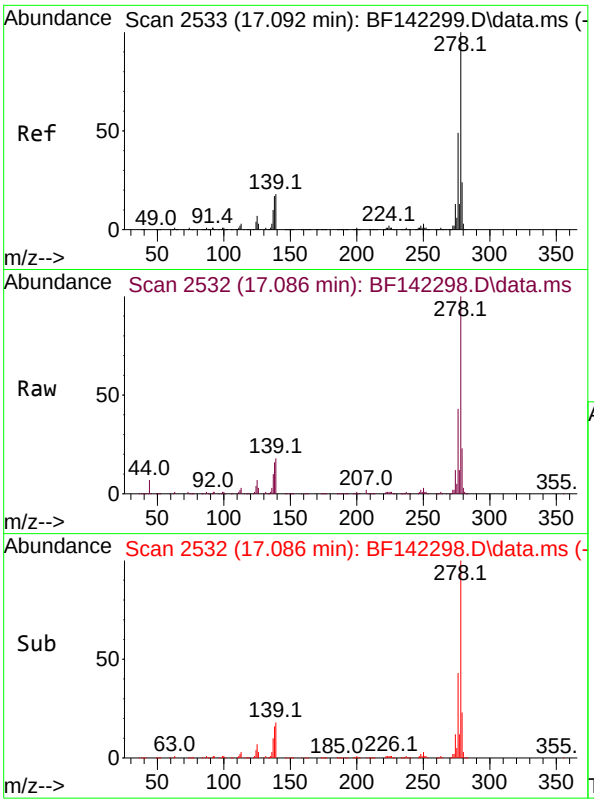


#90
Benzo(a)pyrene
Concen: 20.308 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:252 Resp: 432151

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.8	9.4	14.0

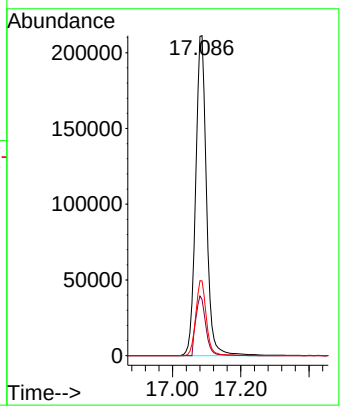




#91
Dibenzo(a,h)anthracene
Concen: 20.783 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:278 Resp: 46830

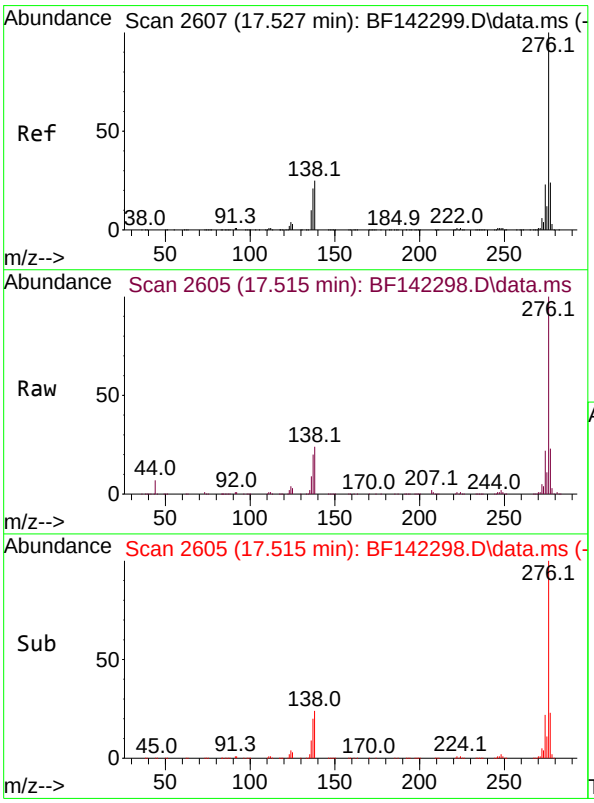
Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	23.3	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

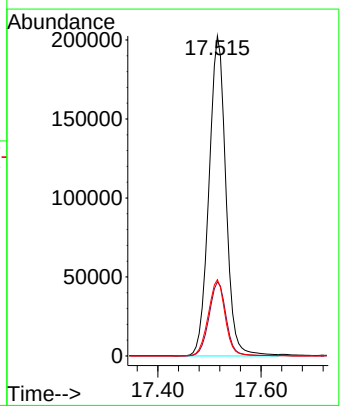
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 20.598 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF142298.D
Acq: 05 May 2025 15:21

Tgt Ion:276 Resp: 460655

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.6
138	23.9	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142299.D
Acq On : 05 May 2025 15:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:59:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	215157	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	842526	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	453823	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	760936	20.000	ng	0.00
76) Chrysene-d12	14.069	240	448285	20.000	ng	0.00
86) Perylene-d12	15.563	264	426732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	968719	76.859	ng	0.00
7) Phenol-d6	6.522	99	1182959	76.311	ng	0.00
23) Nitrobenzene-d5	7.469	82	1103045	79.845	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	347351	79.275	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2308950	72.545	ng	0.00
79) Terphenyl-d14	13.016	244	2250335	74.299	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	216454	38.137	ng	100
3) Pyridine	3.452	79	505899	37.907	ng	100
4) n-Nitrosodimethylamine	3.405	42	299573	38.681	ng	100
6) Aniline	6.569	93	631218	41.514	ng	100
8) 2-Chlorophenol	6.687	128	525501	39.017	ng	100
9) Benzaldehyde	6.457	77	315981	34.827	ng	100
10) Phenol	6.540	94	633459m	38.550	ng	
11) bis(2-Chloroethyl)ether	6.640	93	582128m	35.924	ng	
12) 1,3-Dichlorobenzene	6.845	146	579737	37.624	ng	100
13) 1,4-Dichlorobenzene	6.922	146	586776	37.927	ng	100
14) 1,2-Dichlorobenzene	7.075	146	566937	38.177	ng	100
15) Benzyl Alcohol	7.040	79	399542	39.803	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	918775	37.969	ng	100
17) 2-Methylphenol	7.151	107	418080	38.341	ng	100
18) Hexachloroethane	7.422	117	199182	38.694	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	370009	38.588	ng	100
20) 3+4-Methylphenols	7.304	107	524172	38.517	ng	100
22) Acetophenone	7.316	105	701214	37.432	ng	100
24) Nitrobenzene	7.487	77	516127	39.634	ng	100
25) Isophorone	7.728	82	988094	37.771	ng	100
26) 2-Nitrophenol	7.804	139	222173	36.469	ng	100
27) 2,4-Dimethylphenol	7.834	122	501635	38.139	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	629800	37.440	ng	100
29) 2,4-Dichlorophenol	8.040	162	442388	39.562	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	473497	37.625	ng	100
31) Naphthalene	8.210	128	1526020	37.372	ng	100
32) Benzoic acid	7.940	122	235641	36.564	ng	100
33) 4-Chloroaniline	8.257	127	645610m	38.817	ng	
34) Hexachlorobutadiene	8.328	225	282333	37.888	ng	100
35) Caprolactam	8.622	113	132846	40.850	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	447226	38.475	ng	100
37) 2-Methylnaphthalene	8.904	142	958304	37.768	ng	100
38) 1-Methylnaphthalene	8.998	142	1000206	37.821	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	467314	36.869	ng	100
41) Hexachlorocyclopentadiene	9.057	237	311649	39.785	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	318860	39.883	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142299.D
Acq On : 05 May 2025 15:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:59:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	329034	38.680	ng	100
46) 1,1'-Biphenyl	9.363	154	1280889	36.811	ng	100
47) 2-Chloronaphthalene	9.392	162	959880	37.093	ng	100
48) 2-Nitroaniline	9.481	65	270673	40.808	ng	100
49) Acenaphthylene	9.804	152	1618066	37.378	ng	100
50) Dimethylphthalate	9.663	163	1097900	37.675	ng	100
51) 2,6-Dinitrotoluene	9.722	165	222509	40.792	ng	100
52) Acenaphthene	9.981	154	967532	37.171	ng	100
53) 3-Nitroaniline	9.892	138	259735	40.600	ng	100
54) 2,4-Dinitrophenol	9.992	184	88227	35.617	ng	100
55) Dibenzofuran	10.151	168	1411519	36.745	ng	100
56) 4-Nitrophenol	10.039	139	194419	40.380	ng	100
57) 2,4-Dinitrotoluene	10.128	165	288836	41.281	ng	100
58) Fluorene	10.492	166	1084214	36.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	277041	39.451	ng	100
60) Diethylphthalate	10.363	149	1095399	37.640	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	523719	37.028	ng	100
62) 4-Nitroaniline	10.504	138	203816	40.198	ng	100
63) Azobenzene	10.645	77	1027227	36.938	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	123079	36.690	ng	100
66) n-Nitrosodiphenylamine	10.604	169	957534	37.816	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	328625	38.106	ng	100
68) Hexachlorobenzene	11.039	284	360906	38.046	ng	100
69) Atrazine	11.128	200	265558	39.786	ng	100
70) Pentachlorophenol	11.228	266	211262	42.334	ng	100
71) Phenanthrene	11.457	178	1503192	37.687	ng	100
72) Anthracene	11.510	178	1549487	37.808	ng	100
73) Carbazole	11.657	167	1409408	38.332	ng	100
74) Di-n-butylphthalate	11.992	149	1540981	39.856	ng	100
75) Fluoranthene	12.645	202	1499802	37.616	ng	100
77) Benzidine	12.769	184	321040	39.408	ng	100
78) Pyrene	12.874	202	1528516	38.307	ng	100
80) Butylbenzylphthalate	13.492	149	420197	36.993	ng	100
81) Benzo(a)anthracene	14.063	228	1109518	38.218	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	265678	39.352	ng	100
83) Chrysene	14.098	228	989811	36.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	539105	36.650	ng	100
85) Di-n-octyl phthalate	14.669	149	922803	36.079	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	1181269	39.794	ng	100
88) Benzo(b)fluoranthene	15.121	252	992827	38.414	ng	100
89) Benzo(k)fluoranthene	15.157	252	888026	37.546	ng	100
90) Benzo(a)pyrene	15.498	252	909479	39.269	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	970622	39.578	ng	100
92) Benzo(g,h,i)perylene	17.527	276	956211	39.285	ng	100

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

ICAL Form

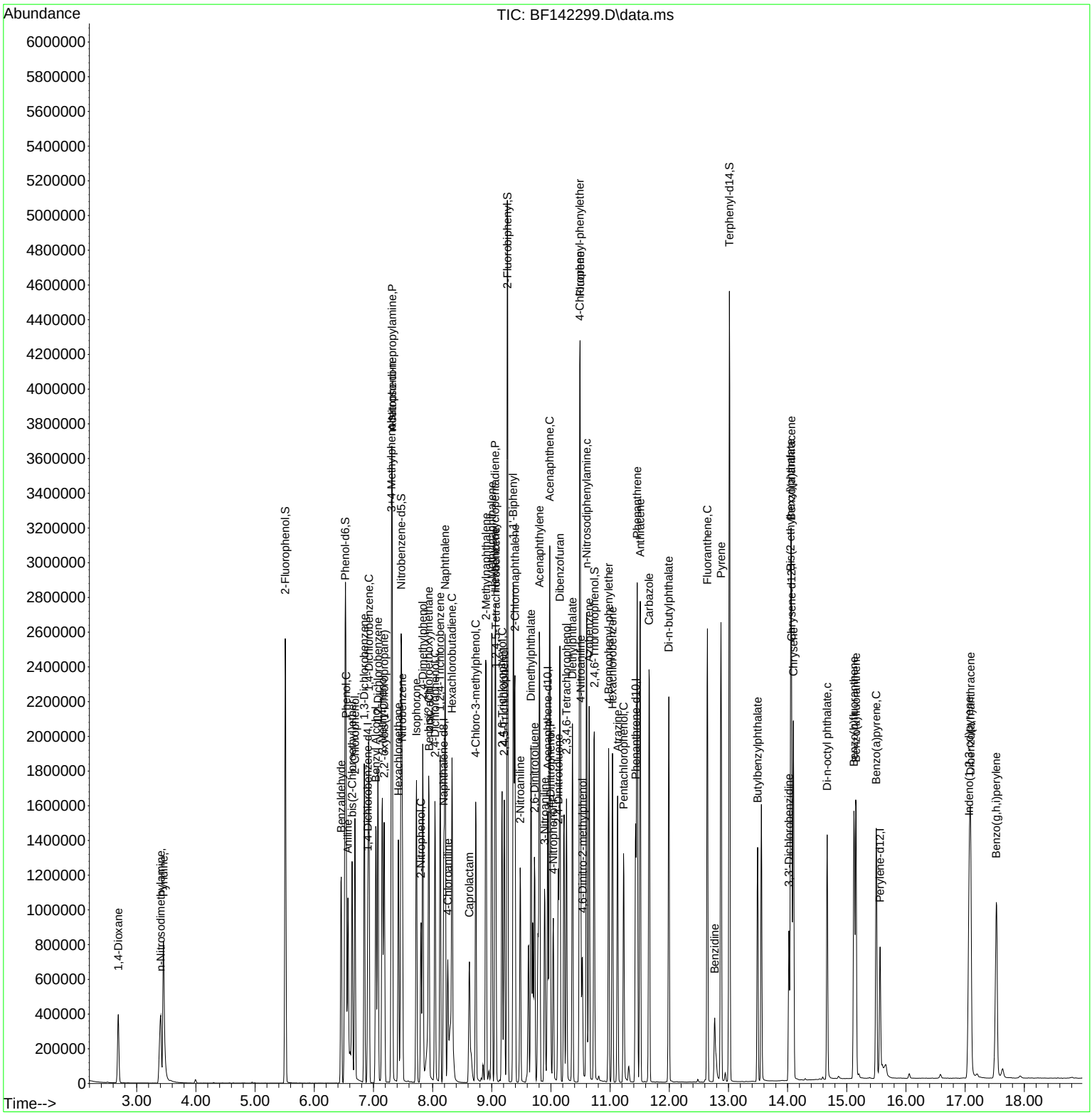
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Data File : BF142299.D
Acq On : 05 May 2025 15:50
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

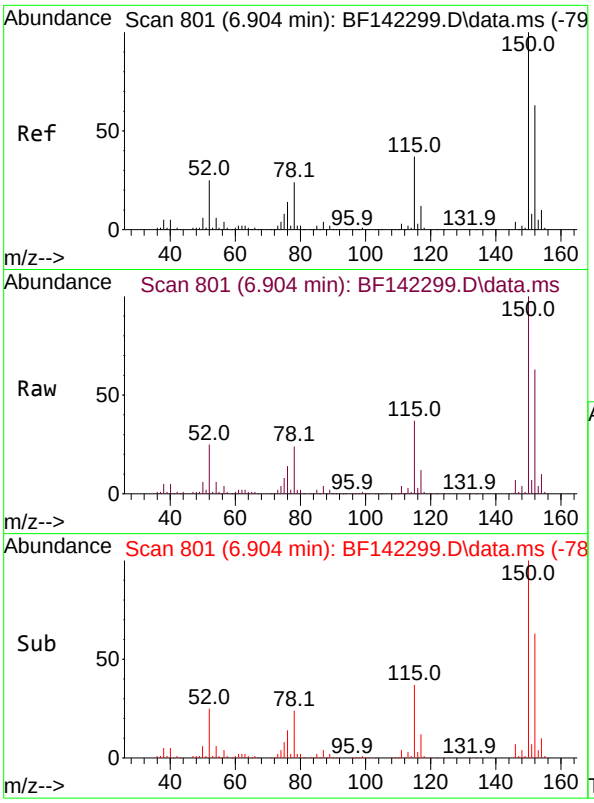
Quant Time: May 05 17:59:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

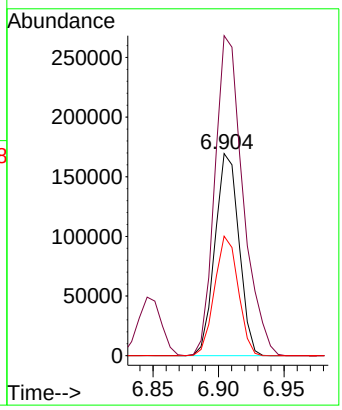




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:152 Resp: 21515

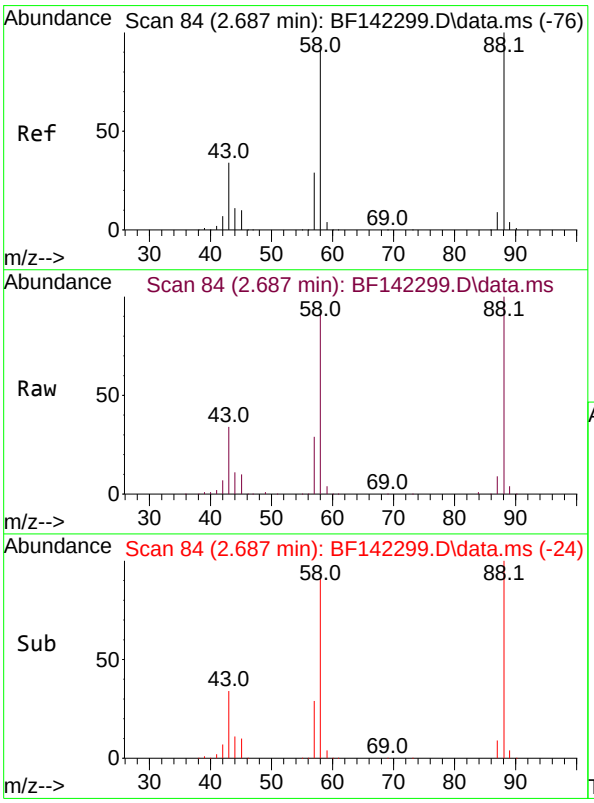
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	59.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

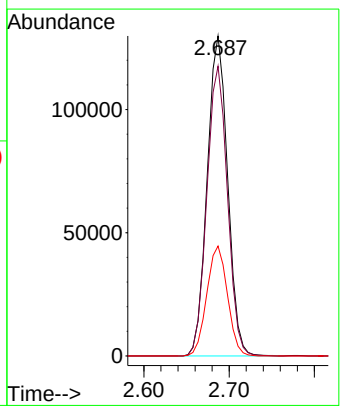
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

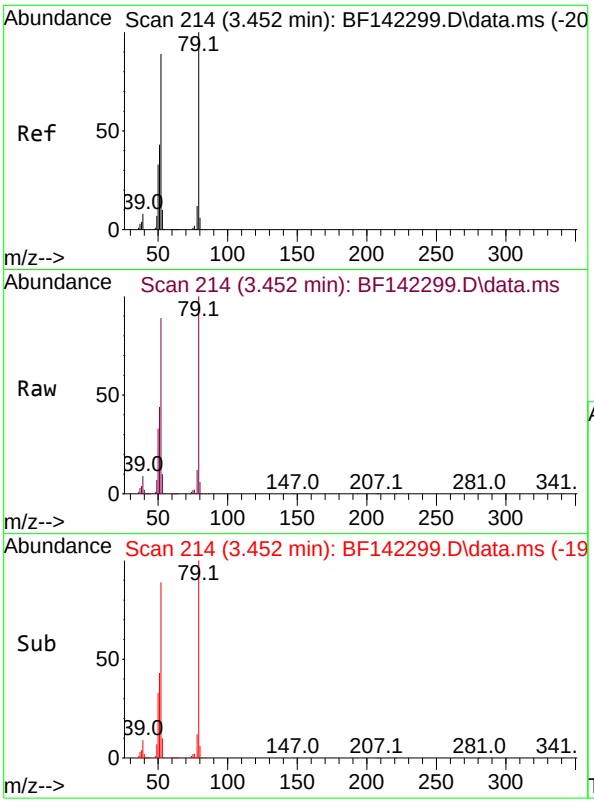


#2
1,4-Dioxane
Concen: 38.137 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 88 Resp: 216454

Ion	Ratio	Lower	Upper
88	100		
58	91.2	73.0	109.4
43	34.7	27.8	41.6

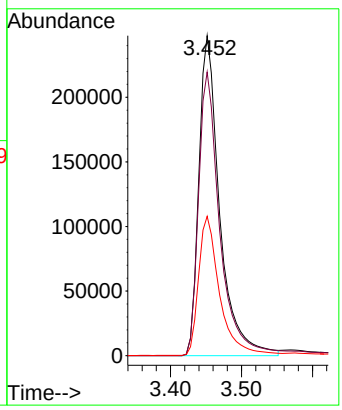




#3
Pyridine
Concen: 37.907 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 79 Resp: 505899

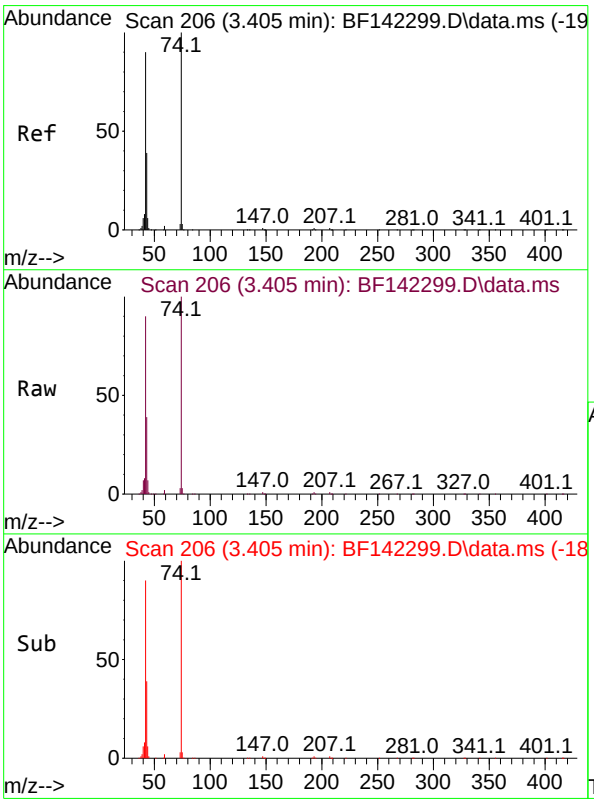
Ion	Ratio	Lower	Upper
79	100		
52	88.7	71.0	106.4
51	43.6	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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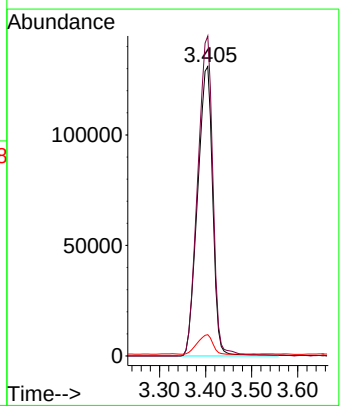
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

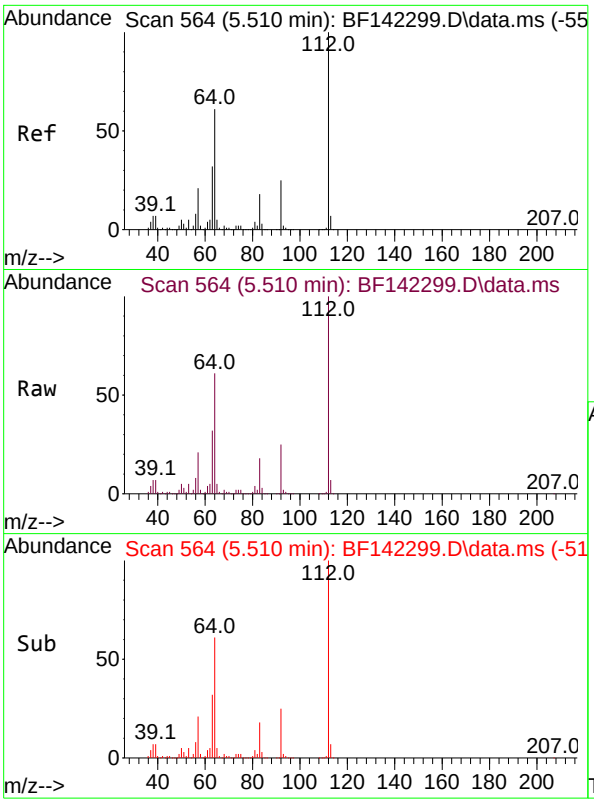


#4
n-Nitrosodimethylamine
Concen: 38.681 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 42 Resp: 299573

Ion	Ratio	Lower	Upper
42	100		
74	110.6	88.5	132.7
44	7.3	5.8	8.8

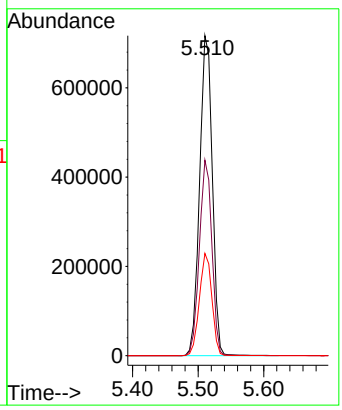




#5
2-Fluorophenol
Concen: 76.859 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:112 Resp: 96871

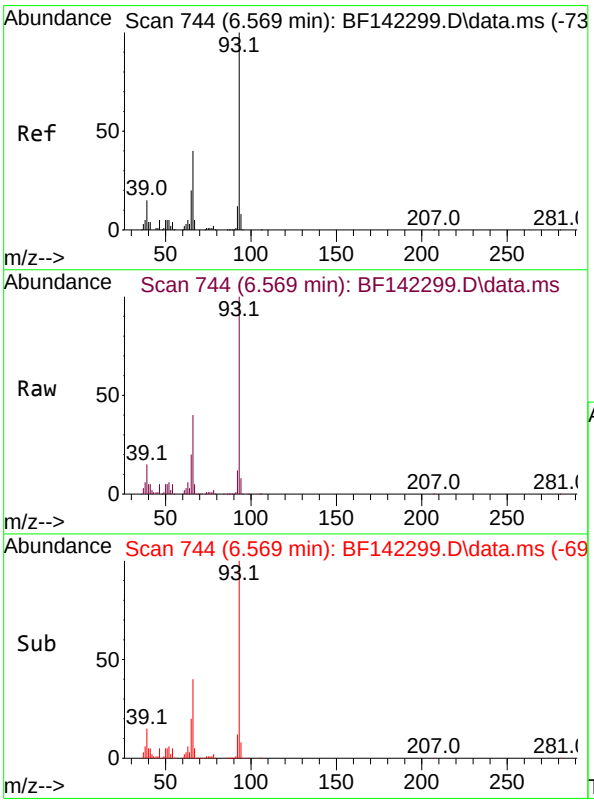
Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.9	73.3
63	32.0	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

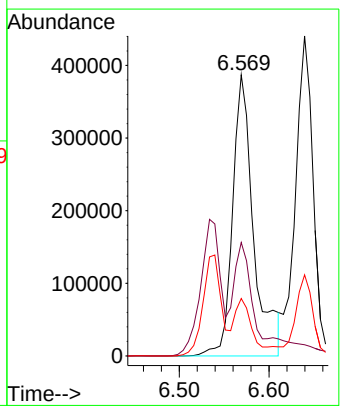
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

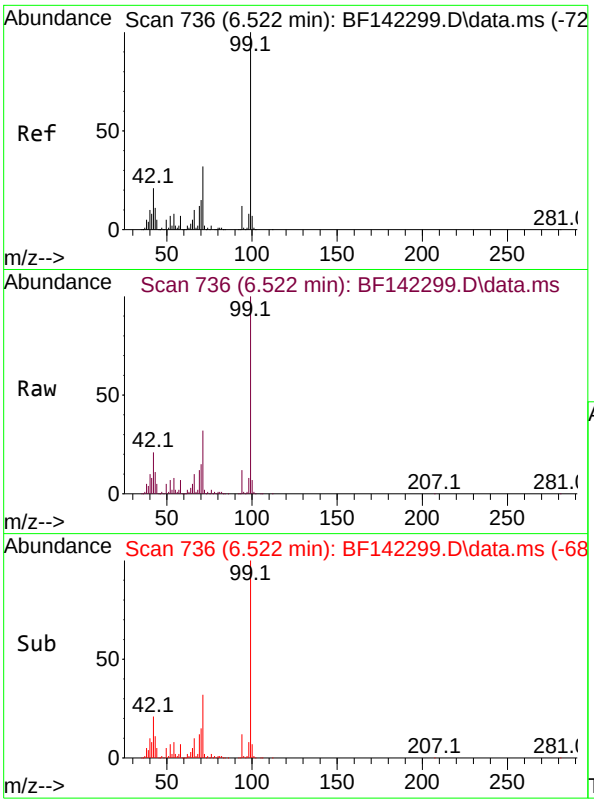


#6
Aniline
Concen: 41.514 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 93 Resp: 631218

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.2	48.4
65	20.4	16.3	24.5

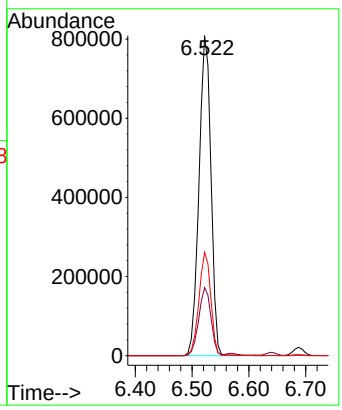




#7
Phenol-d6
Concen: 76.311 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 99 Resp: 118295

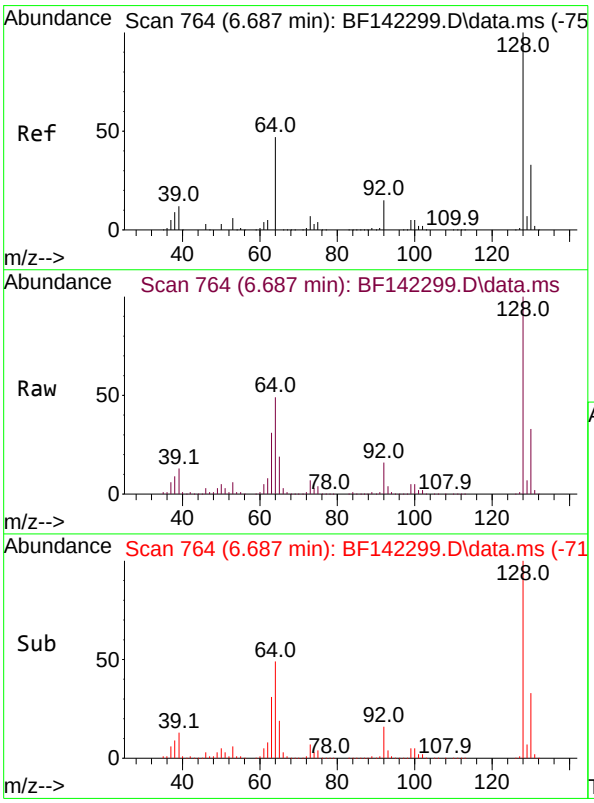
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	32.3	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

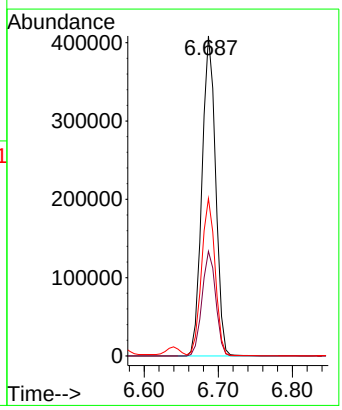
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

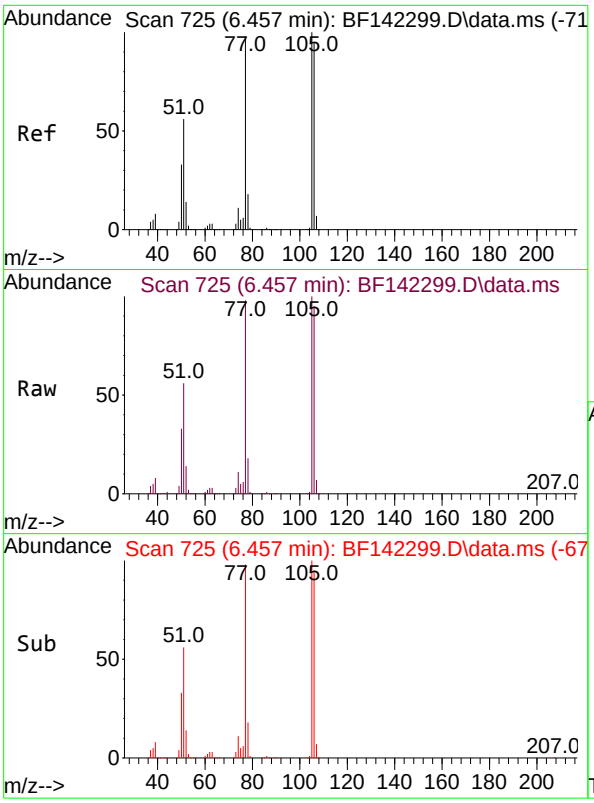


#8
2-Chlorophenol
Concen: 39.017 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:128 Resp: 525501

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	49.2	29.2	69.2

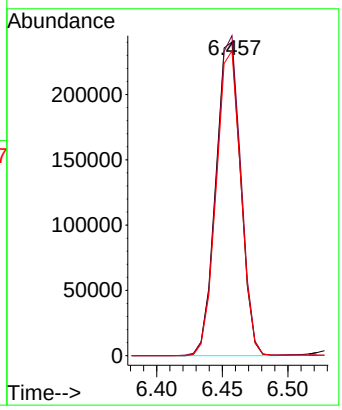




#9
Benzaldehyde
Concen: 34.827 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 31598

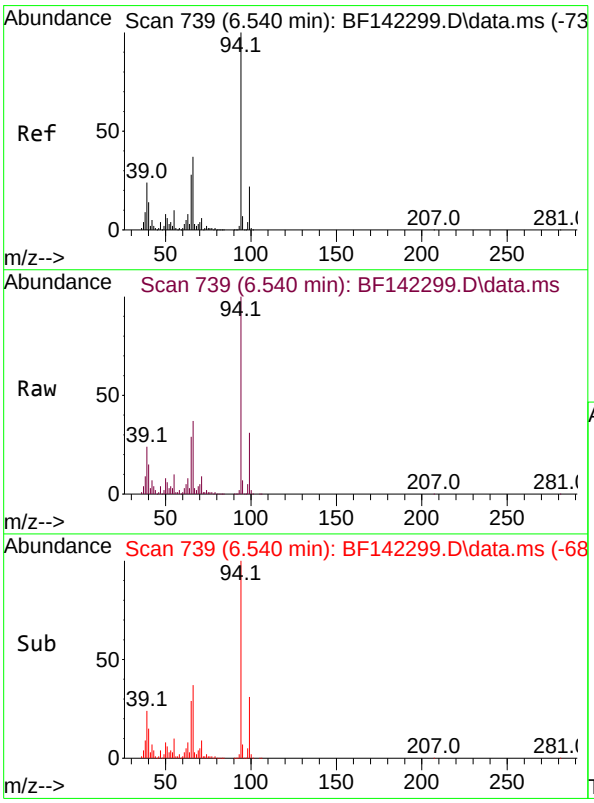
Ion	Ratio	Lower	Upper
77	100		
105	102.0	82.0	122.0
106	97.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

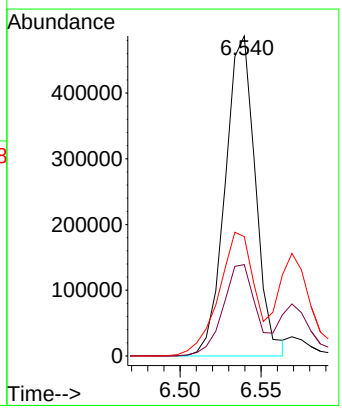
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

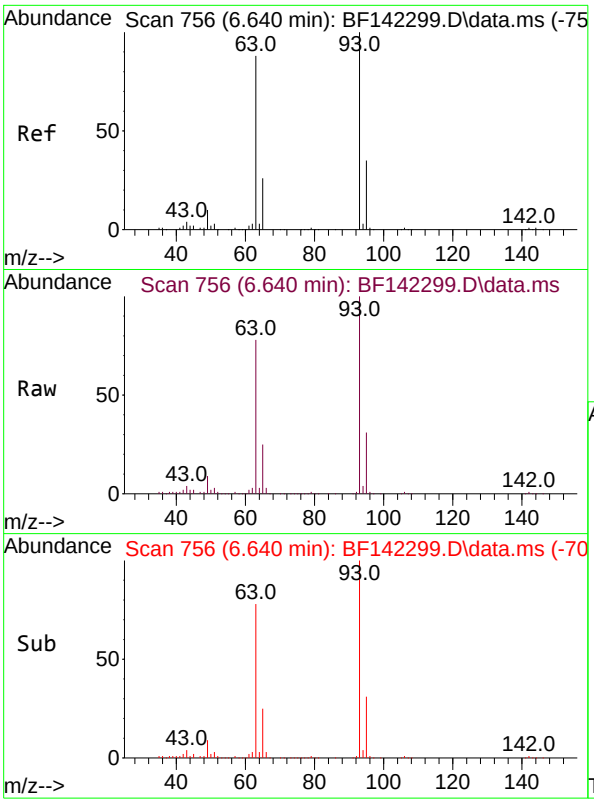


#10
Phenol
Concen: 38.550 ng m
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 94 Resp: 633459

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.5	48.5
66	37.3	17.3	57.3

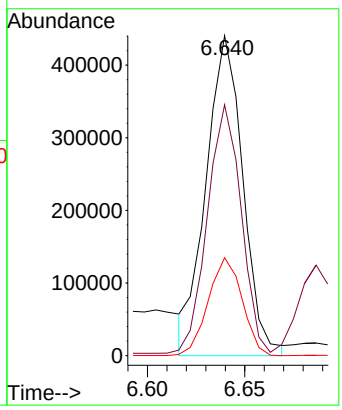




#11
bis(2-Chloroethyl)ether
Concen: 35.924 ng m
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 93 Resp: 58212

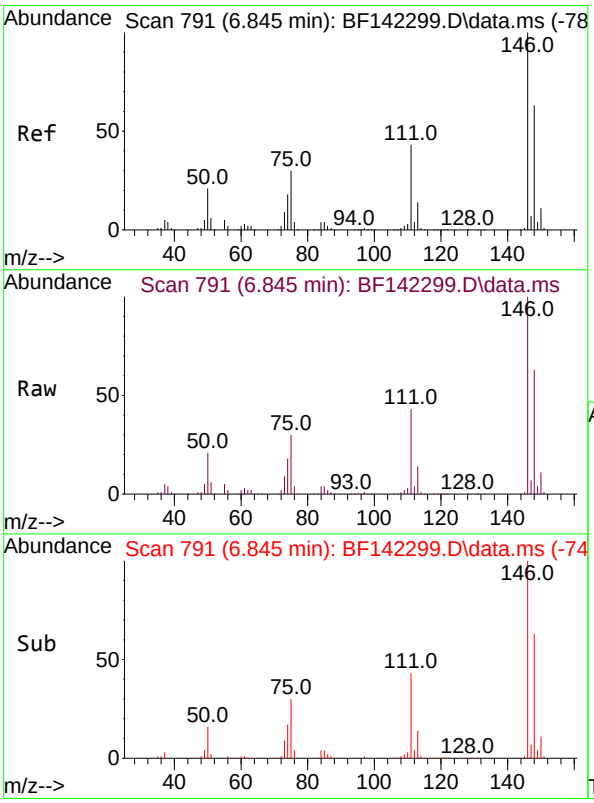
Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.4	98.4
95	30.6	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

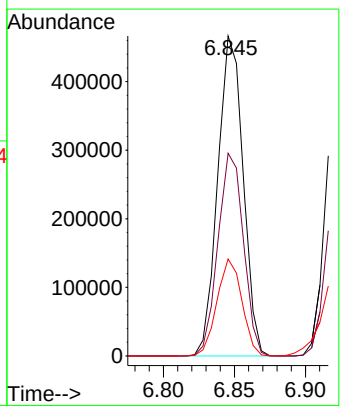
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

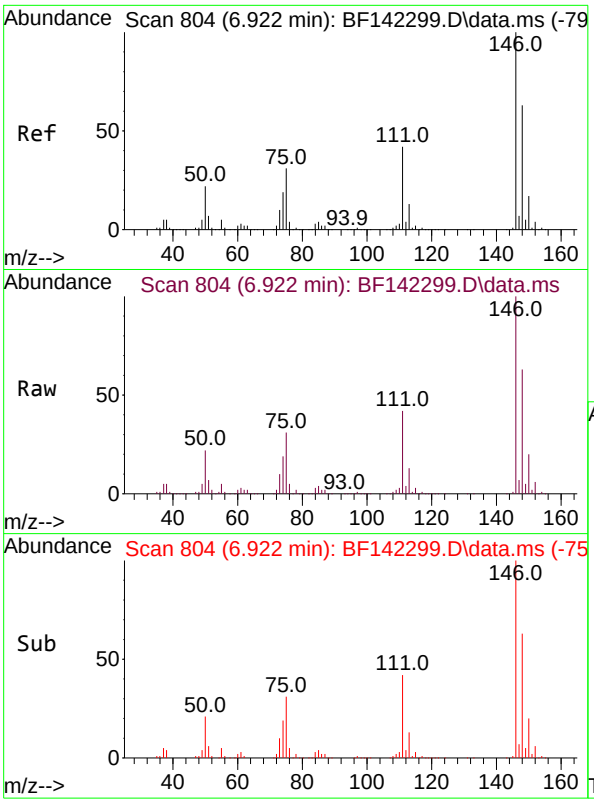


#12
1,3-Dichlorobenzene
Concen: 37.624 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:146 Resp: 579737

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	30.3	24.2	36.4

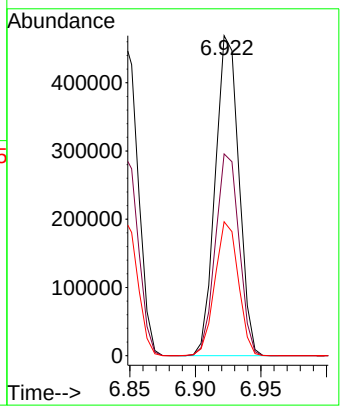




#13
1,4-Dichlorobenzene
Concen: 37.927 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:146 Resp: 58677

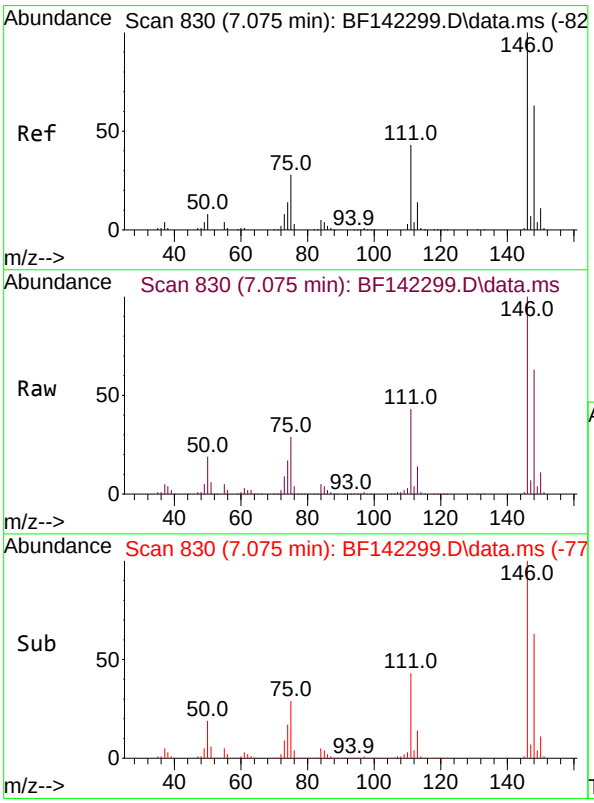
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.8	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

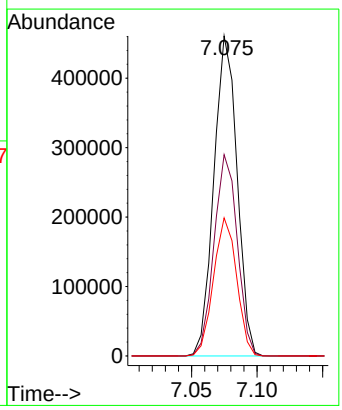
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

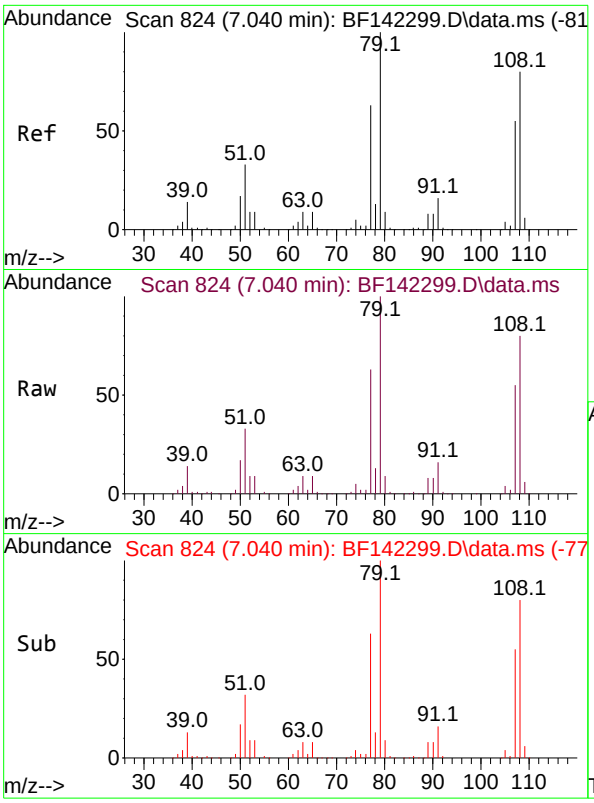


#14
1,2-Dichlorobenzene
Concen: 38.177 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:146 Resp: 566937

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 39.803 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

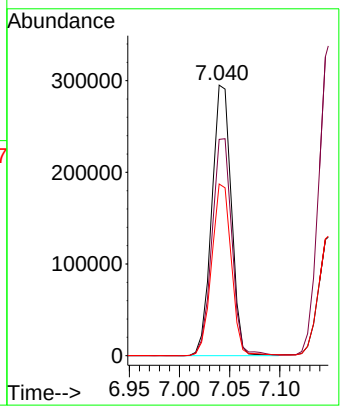
Tgt Ion: 79 Resp: 39954

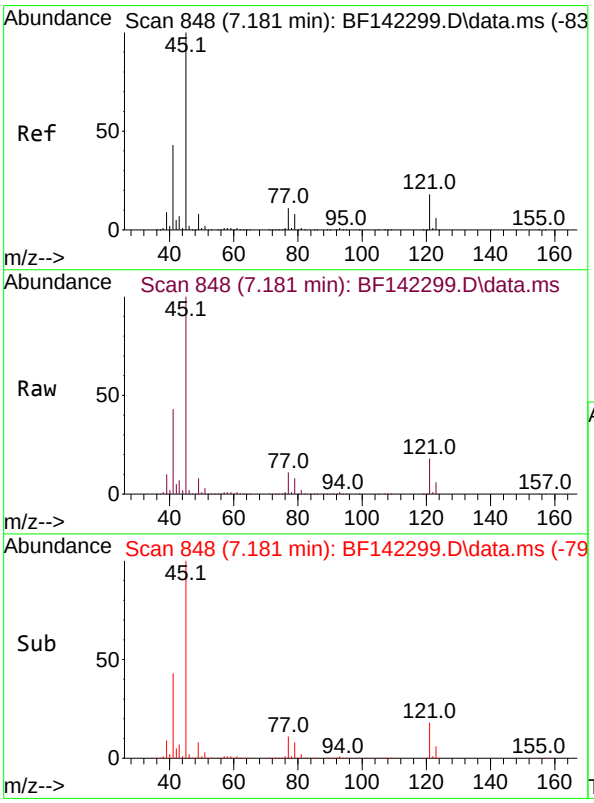
Ion	Ratio	Lower	Upper
79	100		
108	79.9	63.9	95.9
77	63.4	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

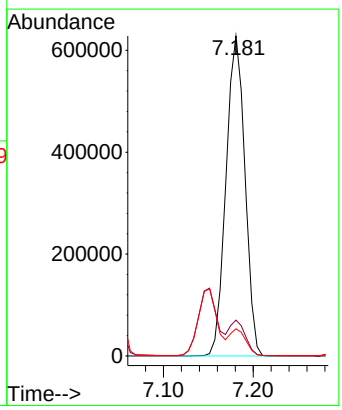


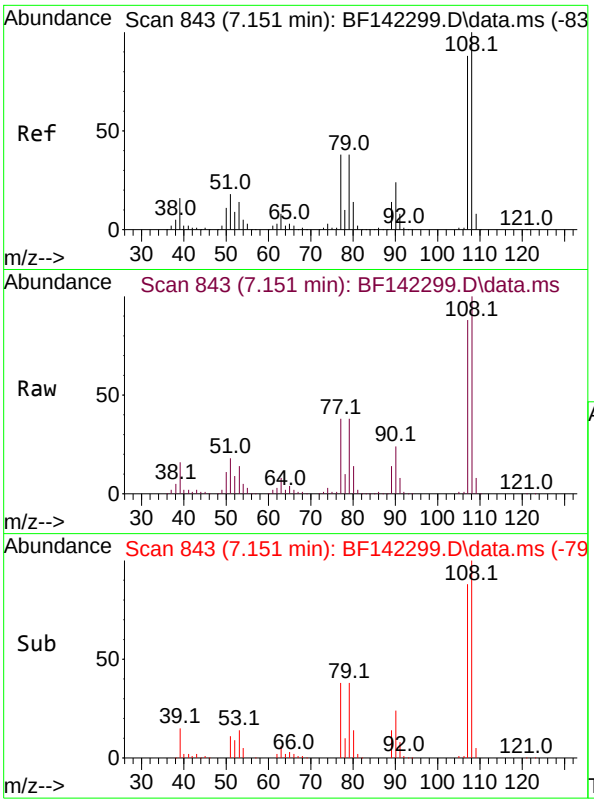


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.969 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 45 Resp: 918775

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.5	0.0	28.5

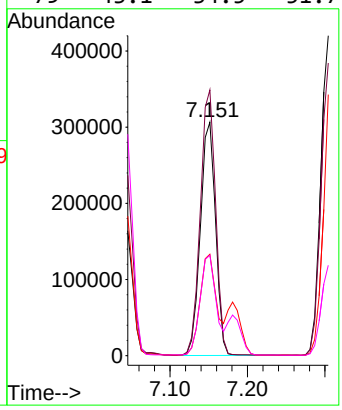




#17
2-Methylphenol
Concen: 38.341 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:107 Resp: 41808

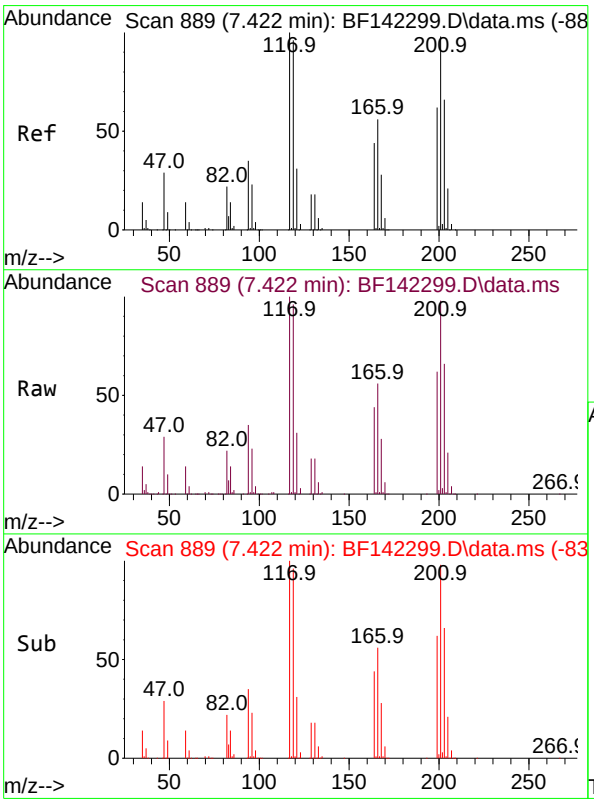
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	43.4	34.7	52.1
79	43.1	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

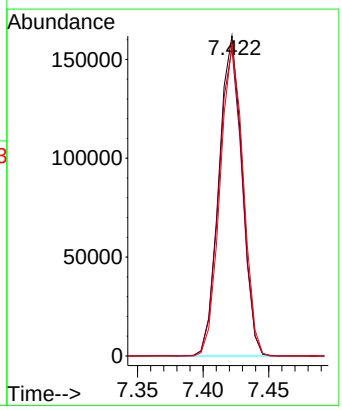
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

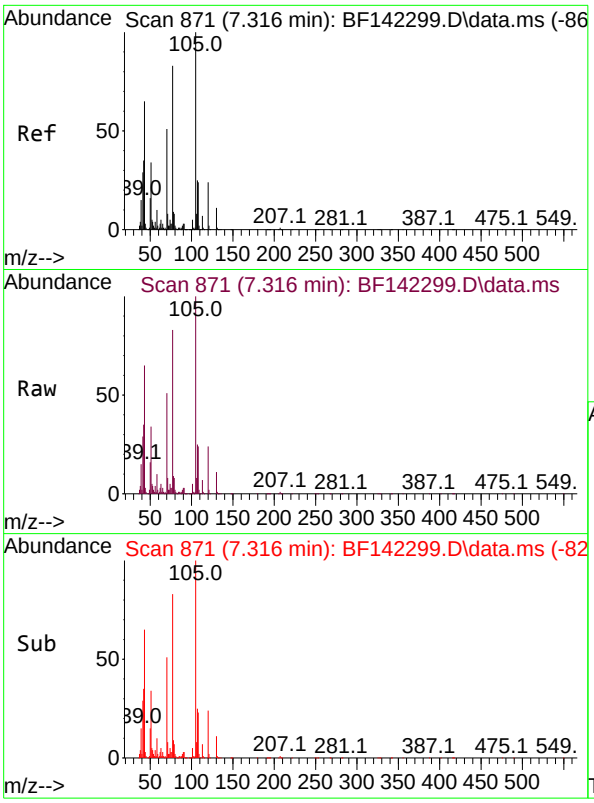


#18
Hexachloroethane
Concen: 38.694 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:117 Resp: 199182

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	97.5	78.0	117.0

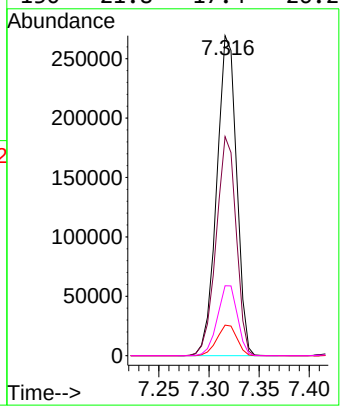




#19
n-Nitroso-di-n-propylamine
Concen: 38.588 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 70 Resp: 37000

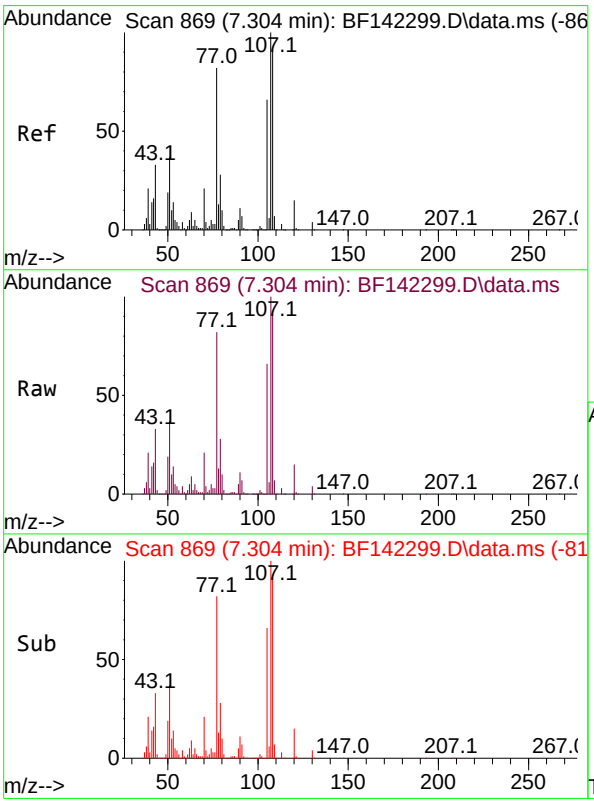
Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.8	82.2
101	9.6	7.7	11.5
130	21.8	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

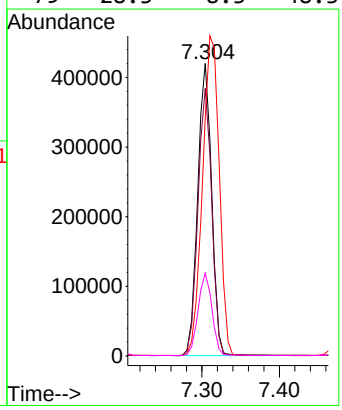
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

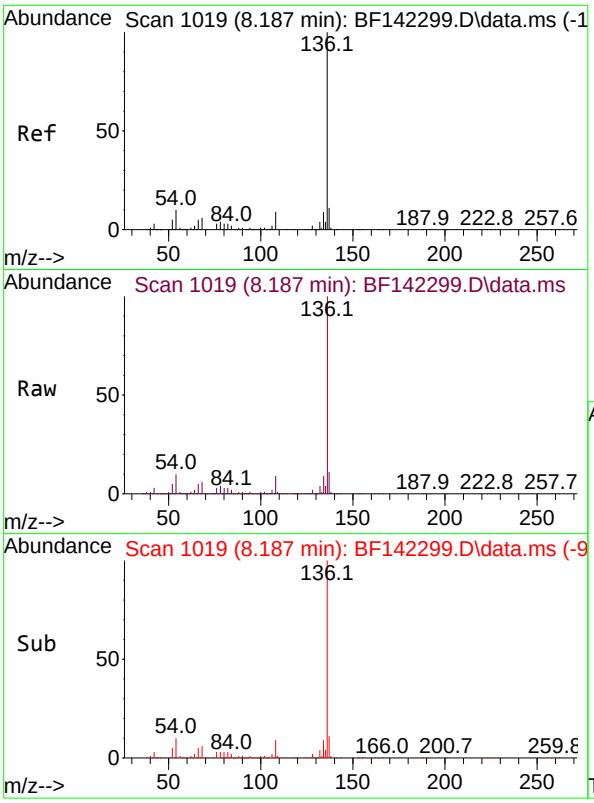


#20
3+4-Methylphenols
Concen: 38.517 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:107 Resp: 524172

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	81.6	61.6	101.6
79	28.3	8.3	48.3

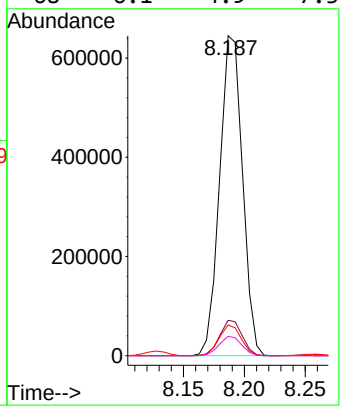




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:136 Resp: 84252

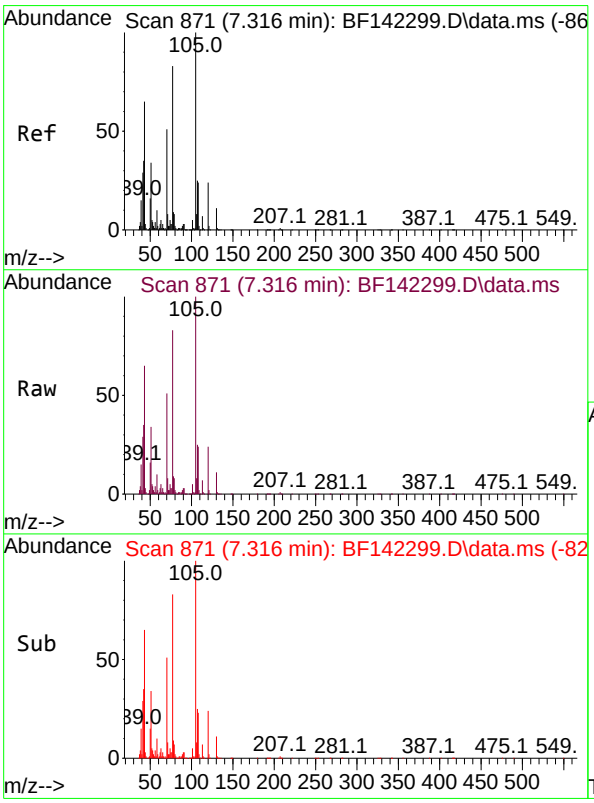
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	7.7	11.5
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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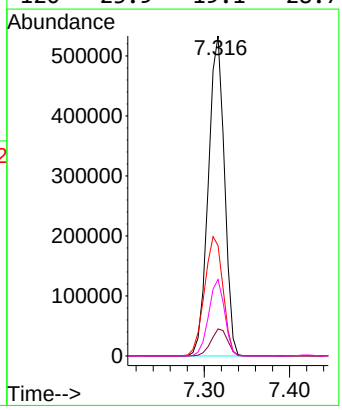
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

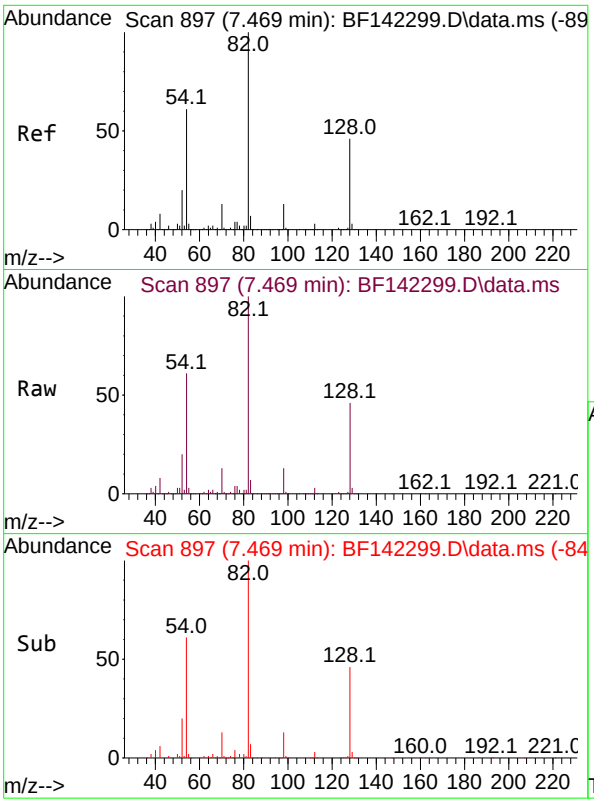


#22
Acetophenone
Concen: 37.432 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:105 Resp: 701214

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.7	10.1
51	34.5	27.6	41.4
120	23.9	19.1	28.7

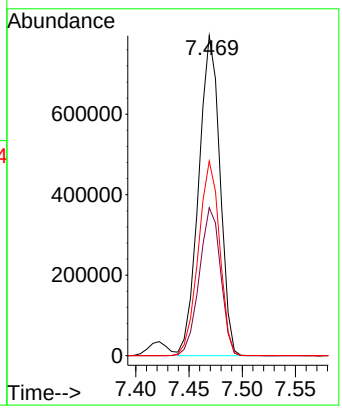




#23
Nitrobenzene-d5
Concen: 79.845 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 82 Resp: 110304

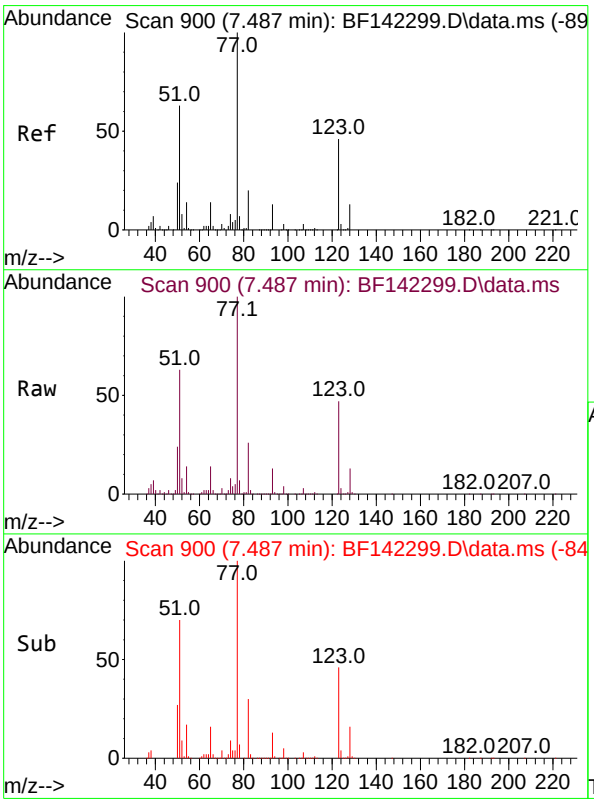
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.8	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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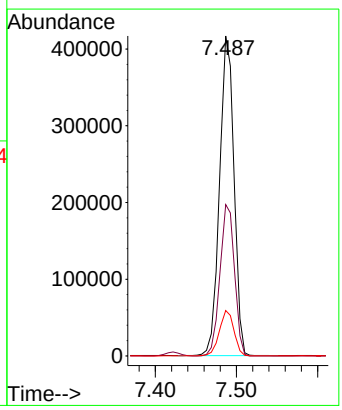
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

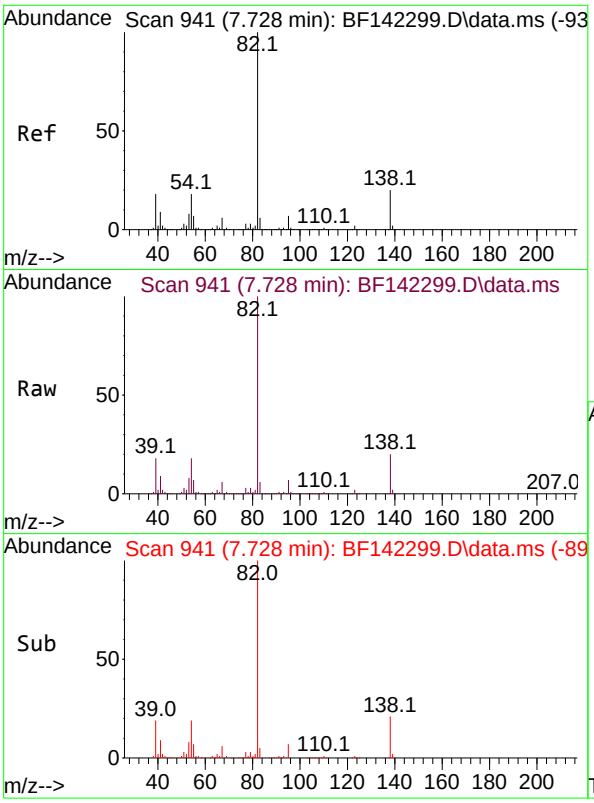


#24
Nitrobenzene
Concen: 39.634 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 516127

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.8	56.8
65	14.2	11.4	17.0





#25
Isophorone
Concen: 37.771 ng
RT: 7.728 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

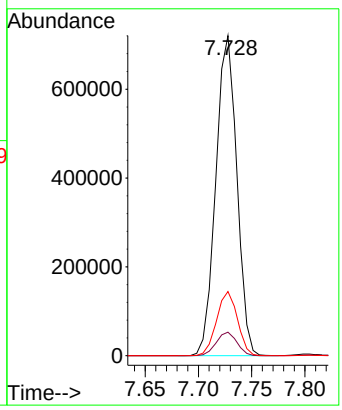
Tgt Ion: 82 Resp: 98809

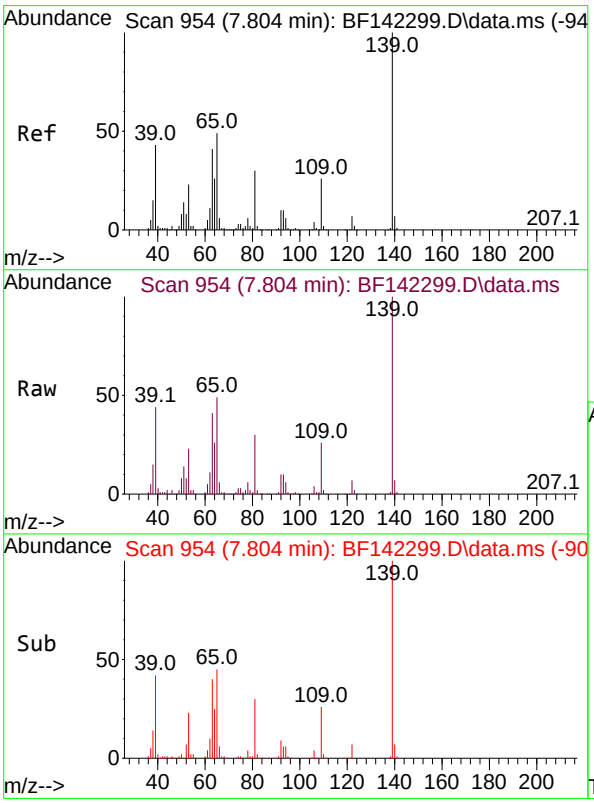
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.1	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

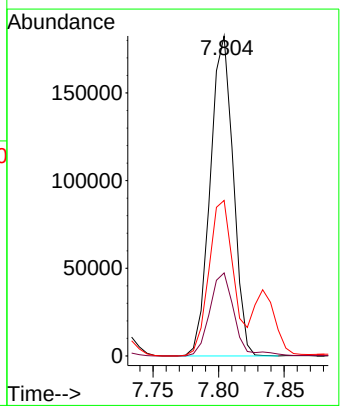


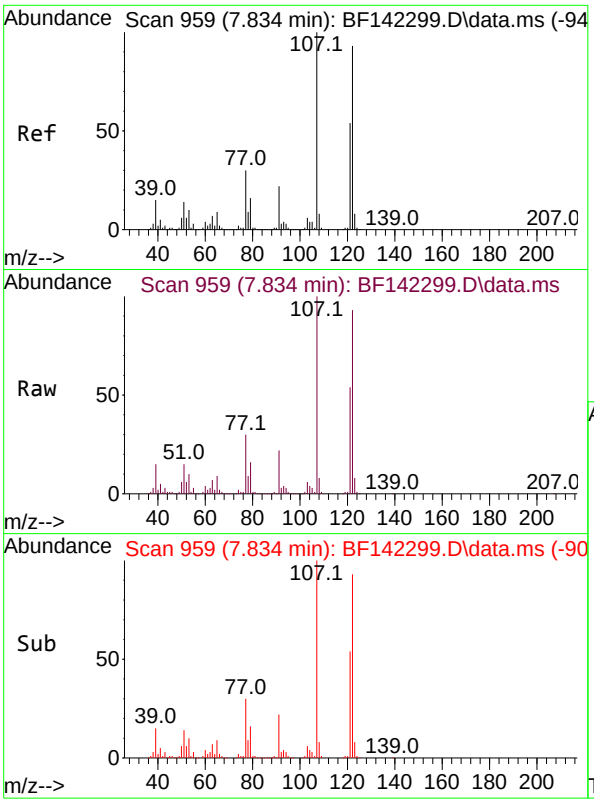


#26
2-Nitrophenol
Concen: 36.469 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:139 Resp: 222173

Ion	Ratio	Lower	Upper
139	100		
109	26.0	20.8	31.2
65	48.6	38.9	58.3

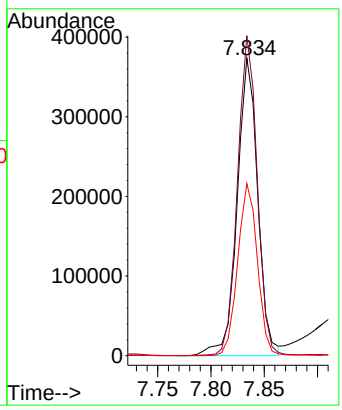




#27
2,4-Dimethylphenol
Concen: 38.139 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:122 Resp: 50163

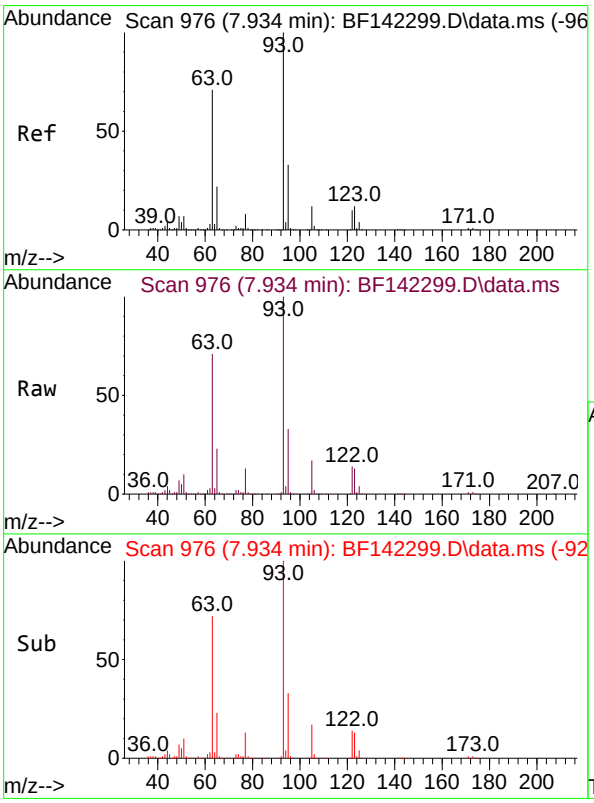
Ion	Ratio	Lower	Upper
122	100		
107	107.5	86.0	129.0
121	57.8	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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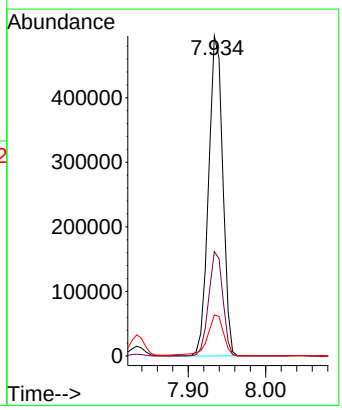
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

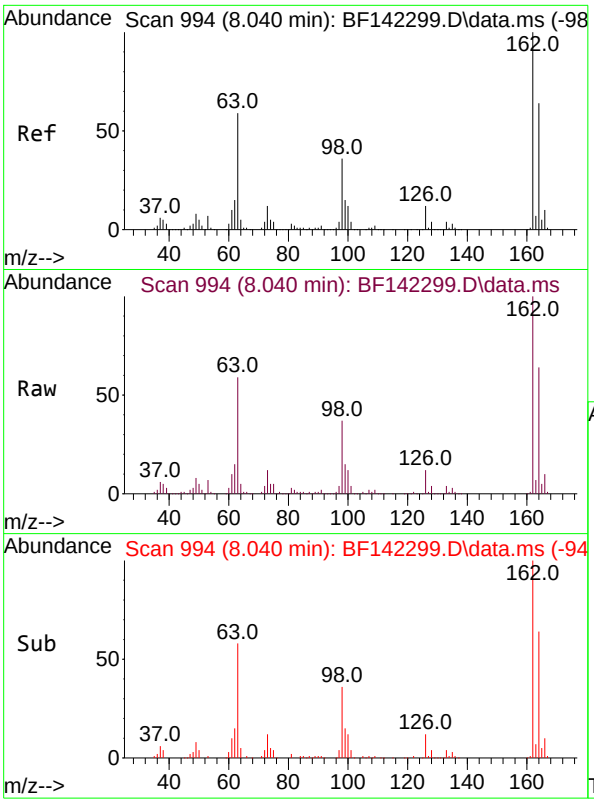


#28
bis(2-Chloroethoxy)methane
Concen: 37.440 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 93 Resp: 629800

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.8	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 39.562 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

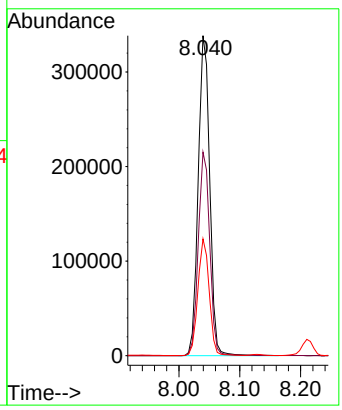
Tgt Ion:162 Resp: 44238

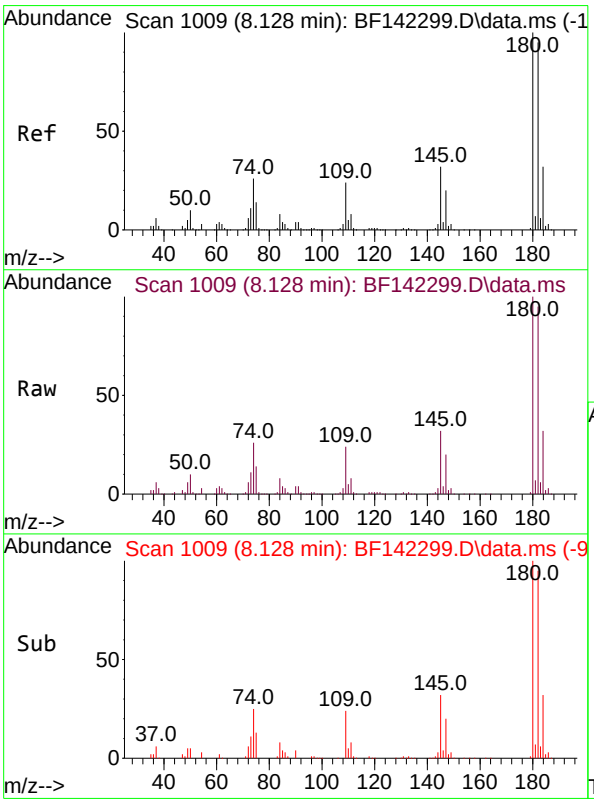
Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	36.5	16.5	56.5

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

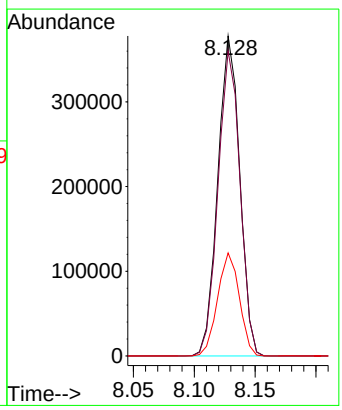


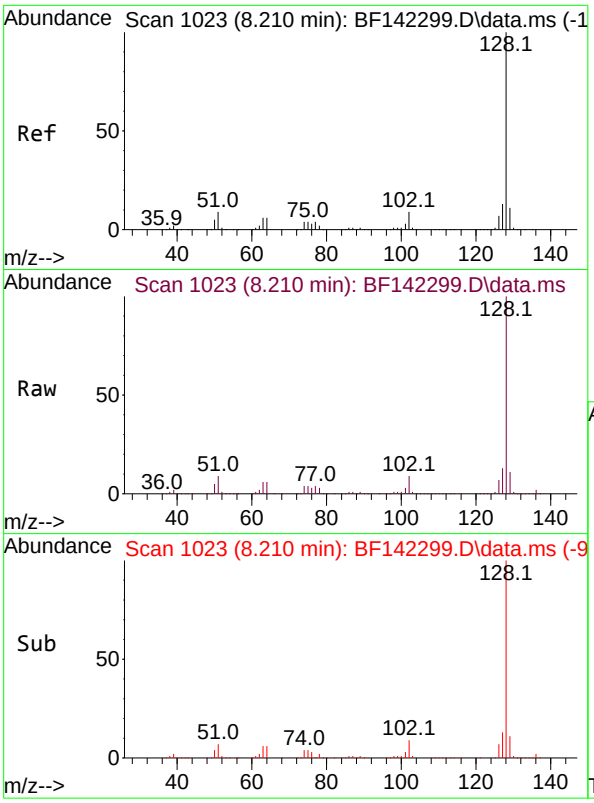


#30
1,2,4-Trichlorobenzene
Concen: 37.625 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:180 Resp: 473497

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	32.2	25.8	38.6

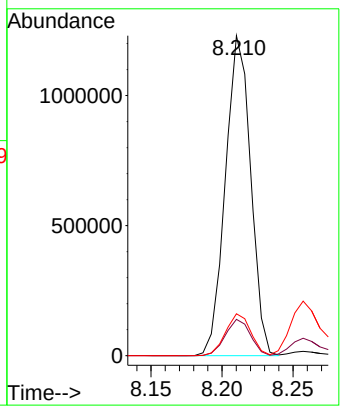




#31
Naphthalene
Concen: 37.372 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:128 Resp: 152602(

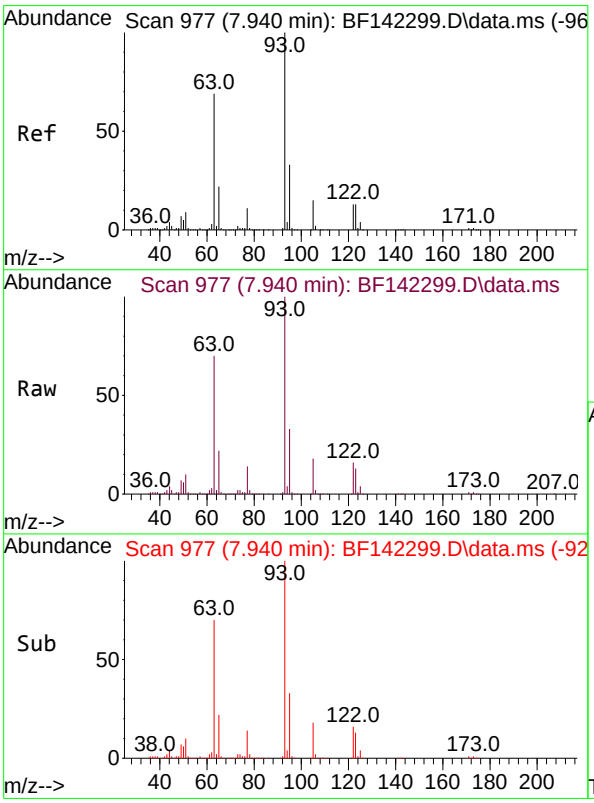
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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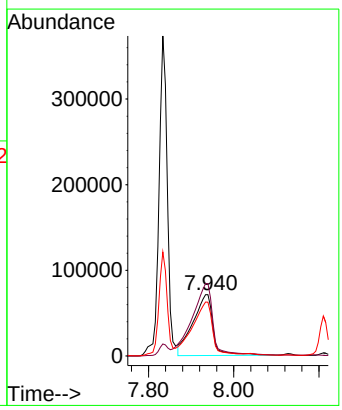
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

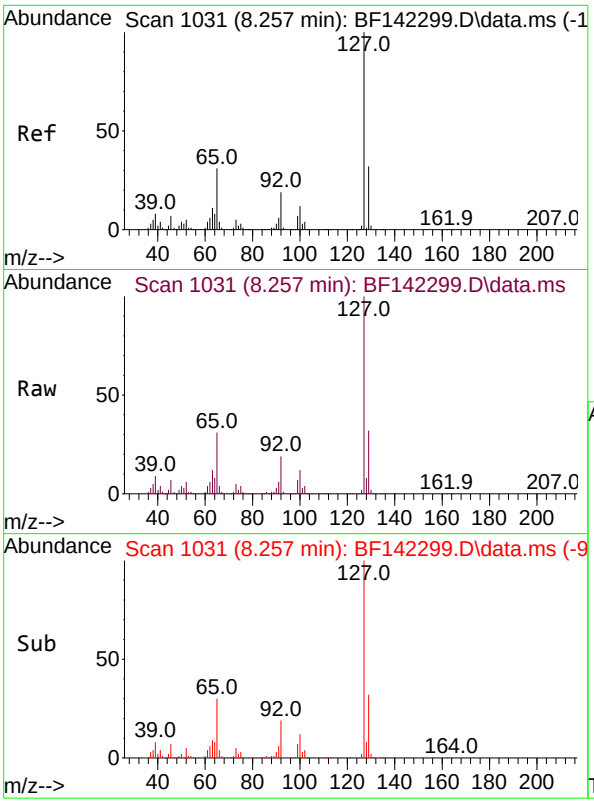


#32
Benzoic acid
Concen: 36.564 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:122 Resp: 235641

Ion	Ratio	Lower	Upper
122	100		
105	117.9	97.9	137.9
77	87.7	67.7	107.7

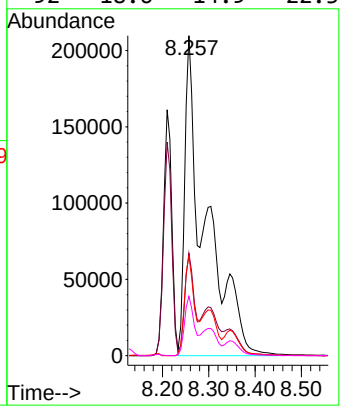




#33
4-Chloroaniline
Concen: 38.817 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:127 Resp: 64561

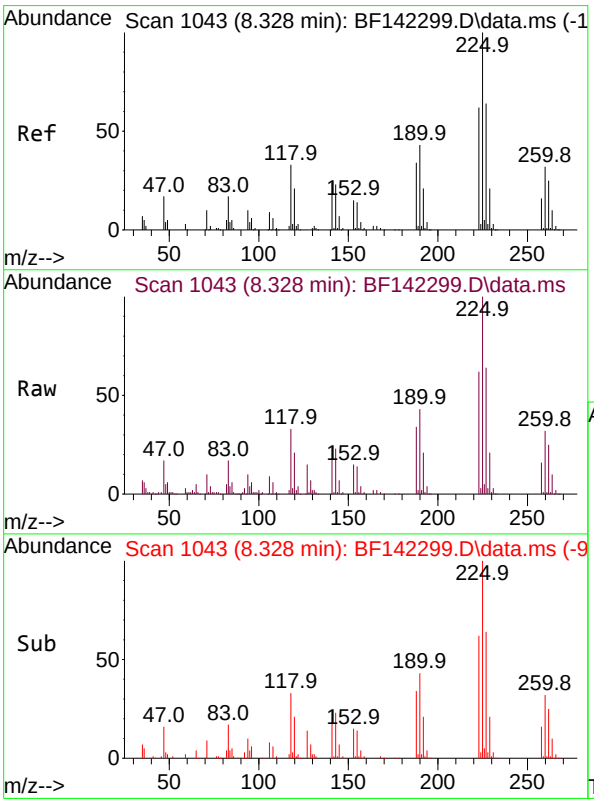
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.1	24.9	37.3
92	18.6	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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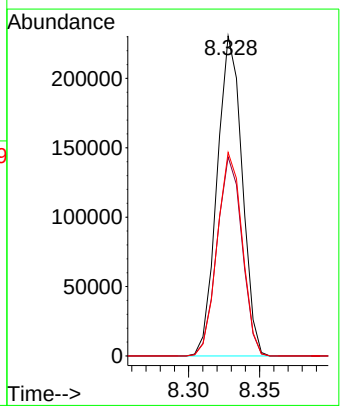
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

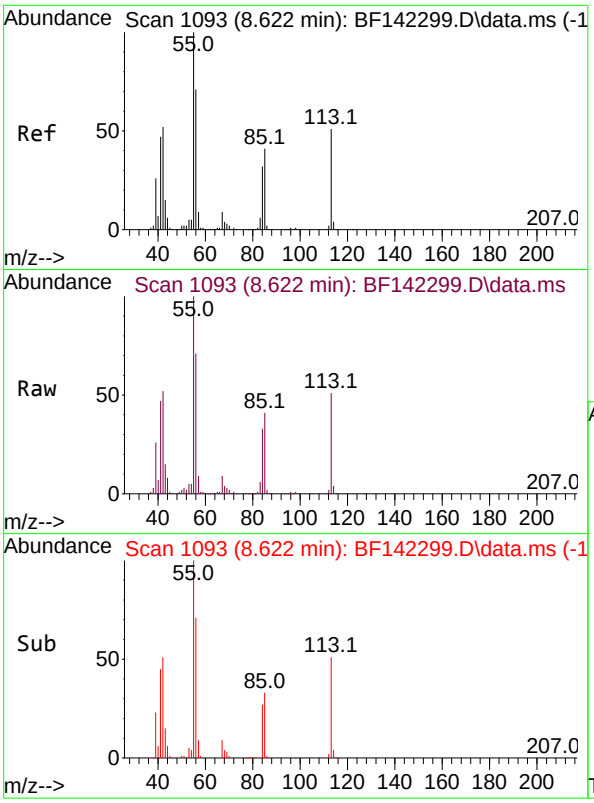


#34
Hexachlorobutadiene
Concen: 37.888 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:225 Resp: 282333

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.6	50.9	76.3

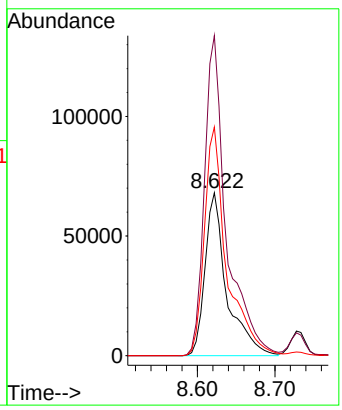




#35
Caprolactam
Concen: 40.850 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:113 Resp: 13284

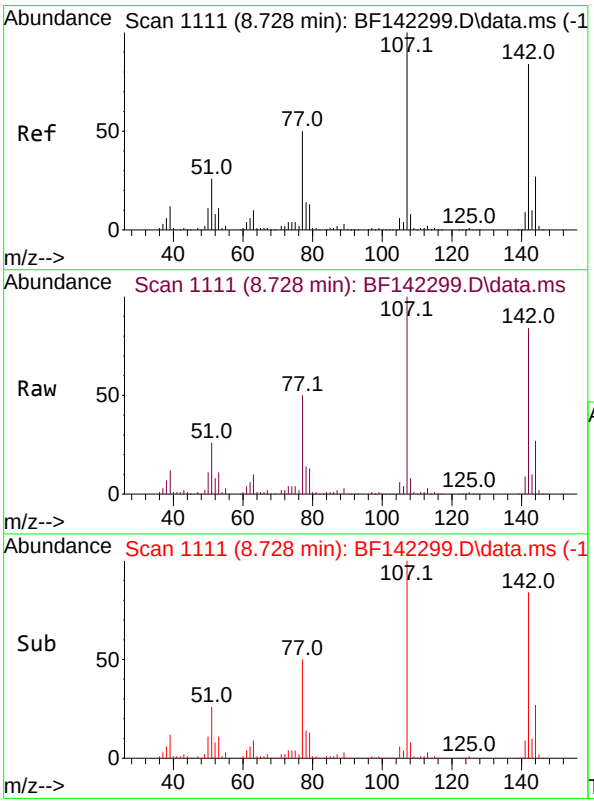
Ion	Ratio	Lower	Upper
113	100		
55	196.4	176.4	216.4
56	140.3	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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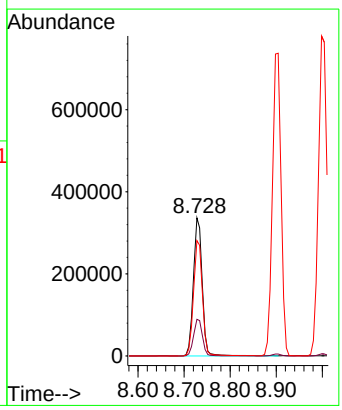
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

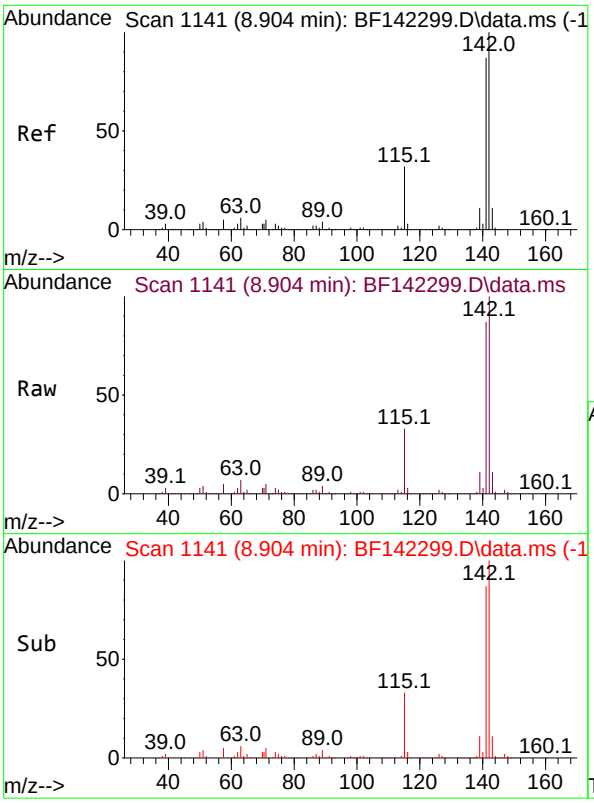


#36
4-Chloro-3-methylphenol
Concen: 38.475 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:107 Resp: 447226

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	83.6	66.9	100.3

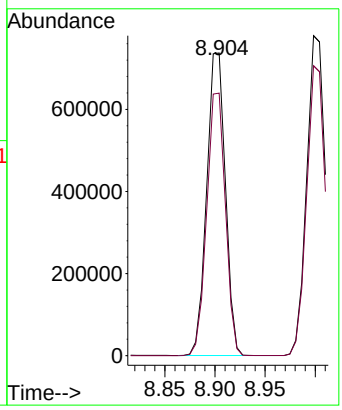




#37
2-Methylnaphthalene
Concen: 37.768 ng
RT: 8.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:142 Resp: 95830

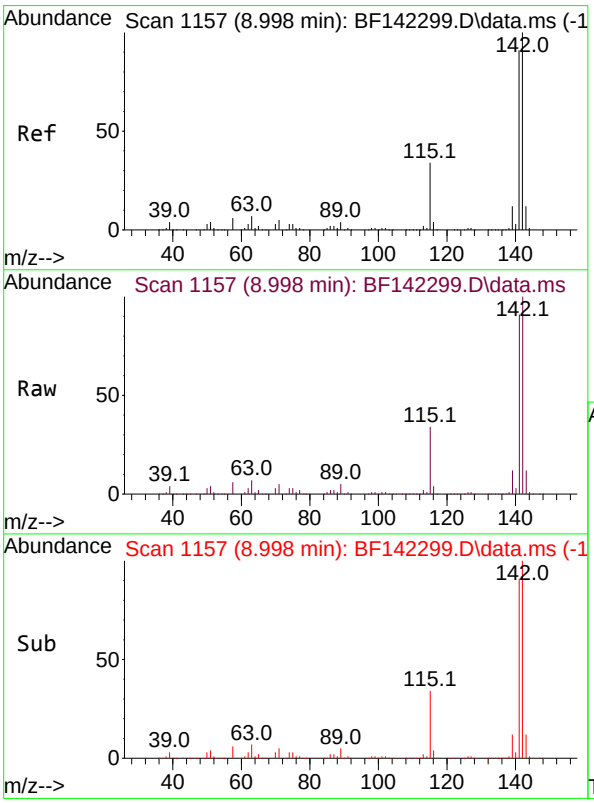
Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.4	104.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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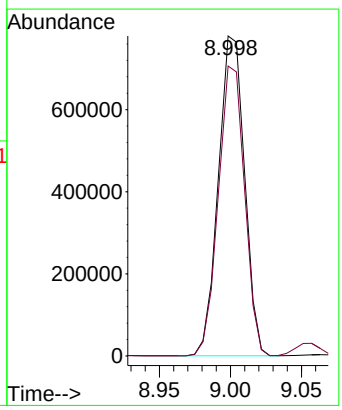
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

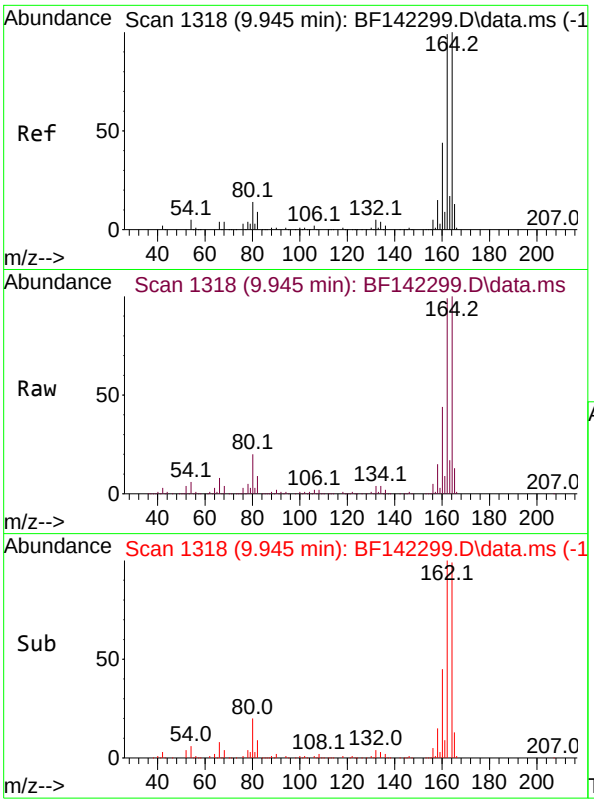


#38
1-Methylnaphthalene
Concen: 37.821 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:142 Resp: 1000206

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7

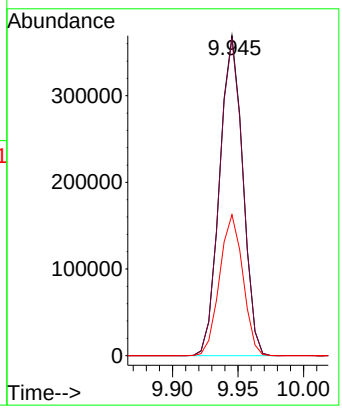




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:164 Resp: 45382

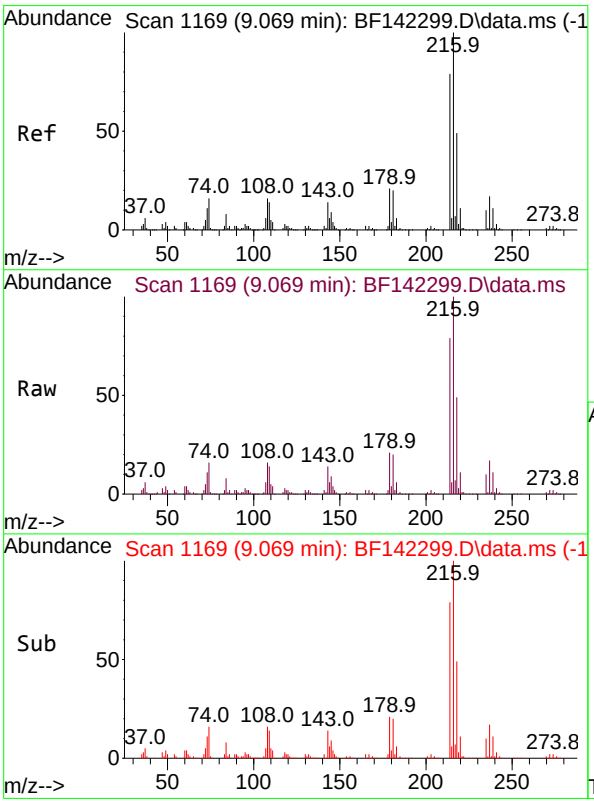
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	44.1	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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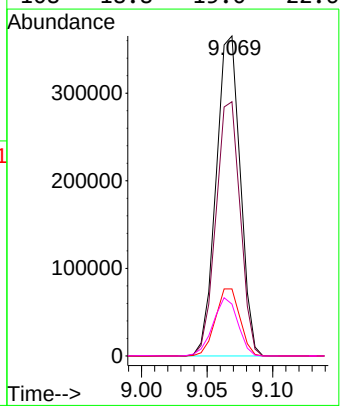
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

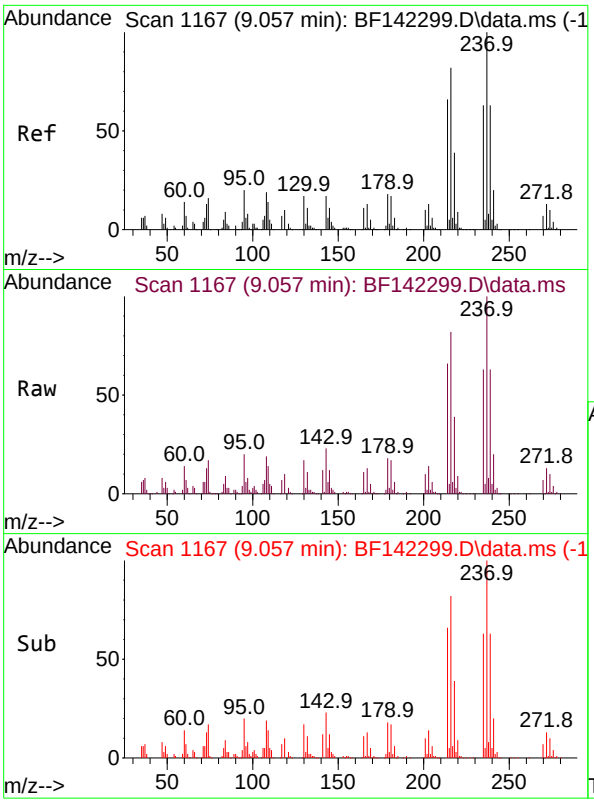


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.869 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:216 Resp: 467314

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	21.3	17.0	25.6
108	18.8	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 39.785 ng
RT: 9.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

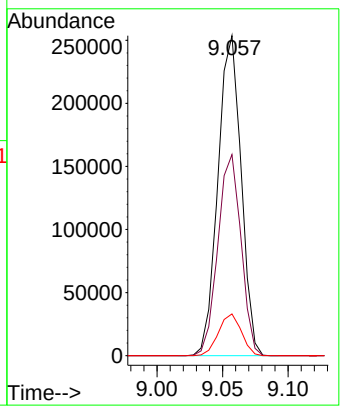
Tgt Ion:237 Resp: 31164

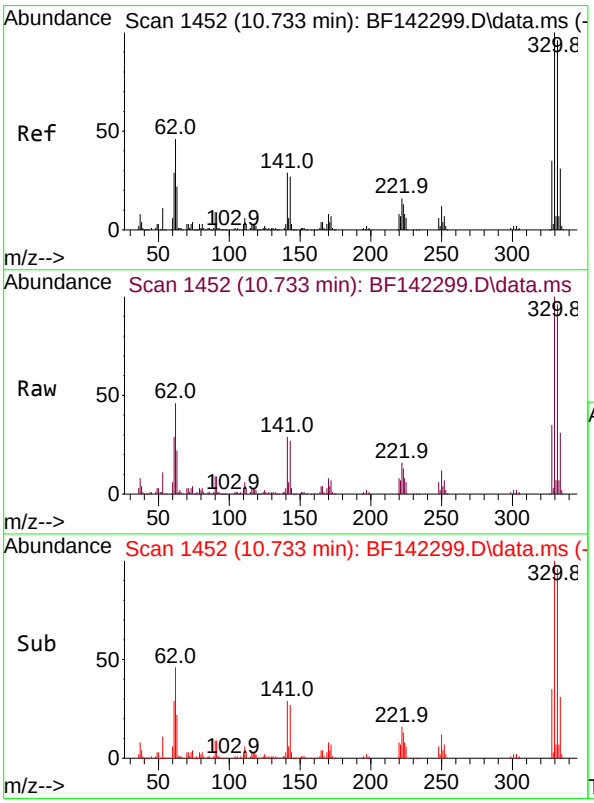
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.8	82.8
272	13.0	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

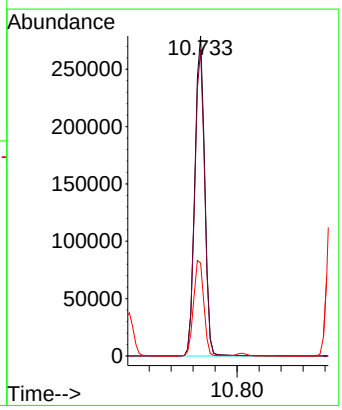


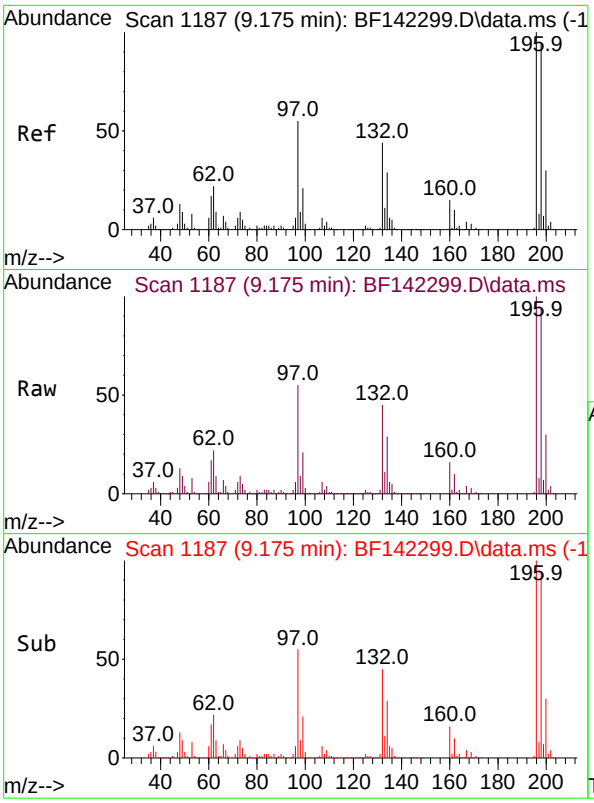


#42
2,4,6-Tribromophenol
Concen: 79.275 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:330 Resp: 347351

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	31.1	24.9	37.3

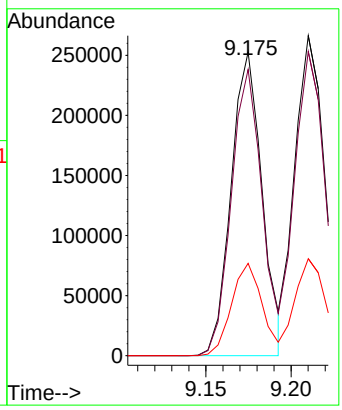




#43
2,4,6-Trichlorophenol
Concen: 39.883 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:196 Resp: 31886

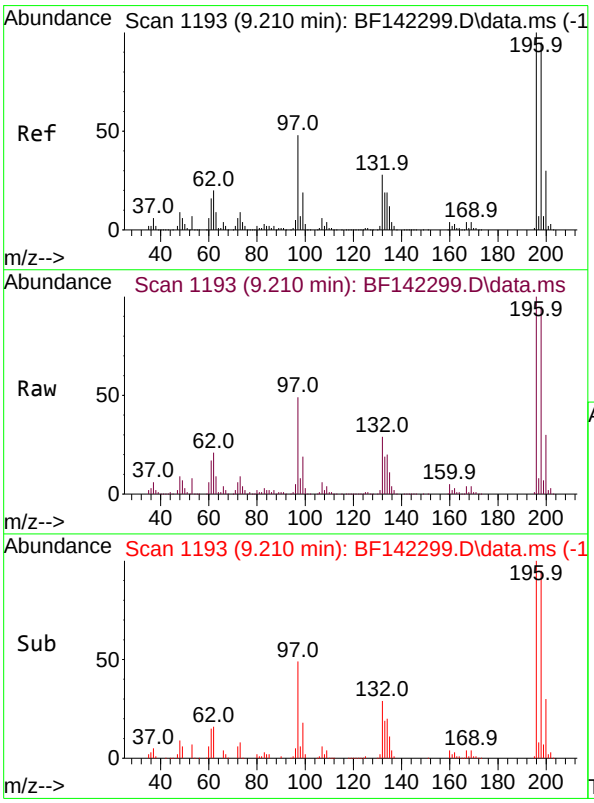
Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.4	113.0
200	30.4	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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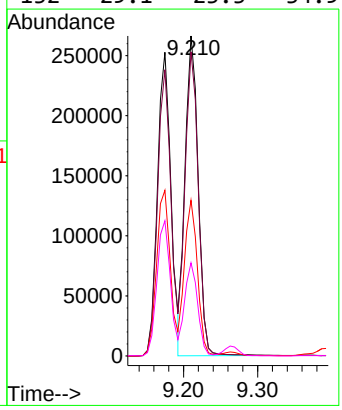
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

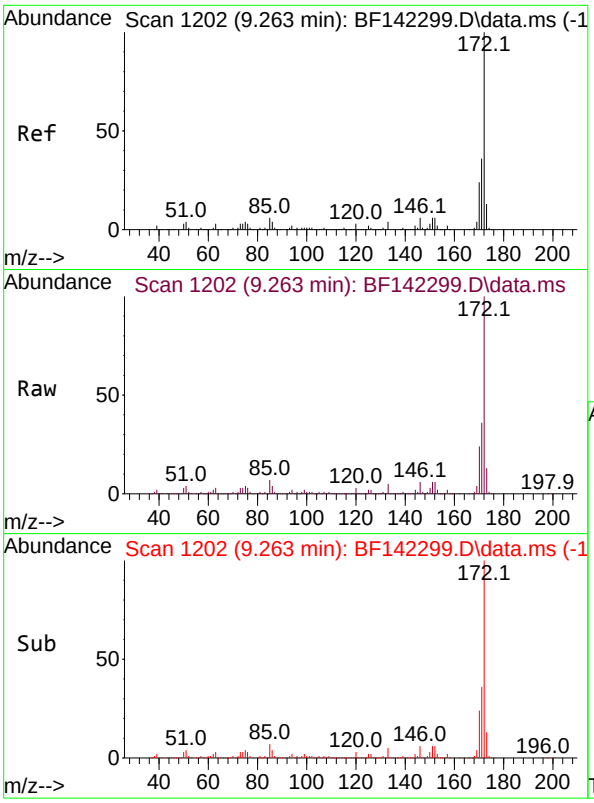


#44
2,4,5-Trichlorophenol
Concen: 38.680 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:196 Resp: 329034

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.1	114.1
97	48.7	39.0	58.4
132	29.1	23.3	34.9

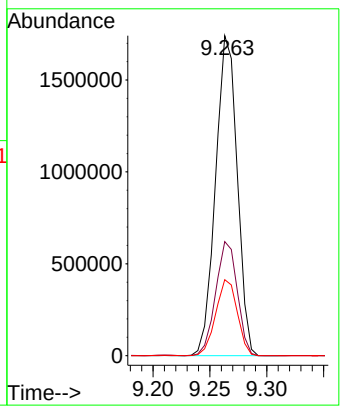




#45
2-Fluorobiphenyl
Concen: 72.545 ng
RT: 9.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:172 Resp: 230895

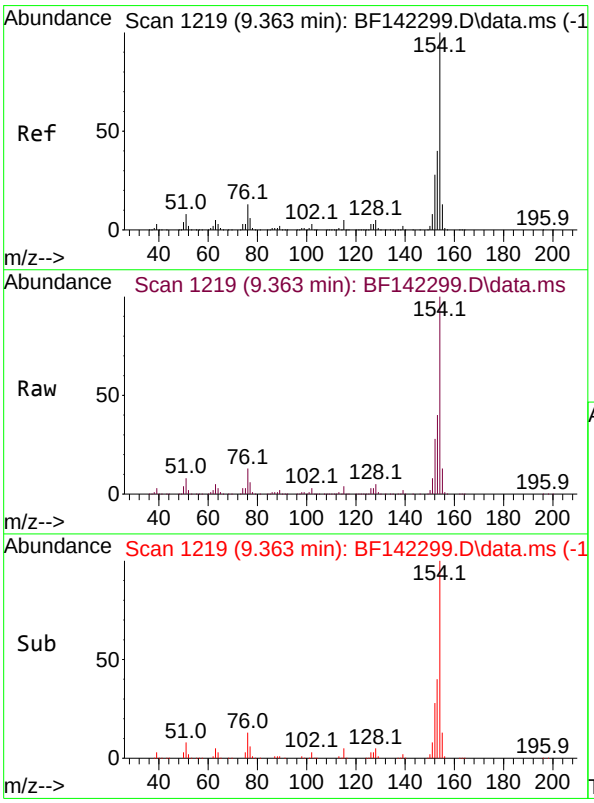
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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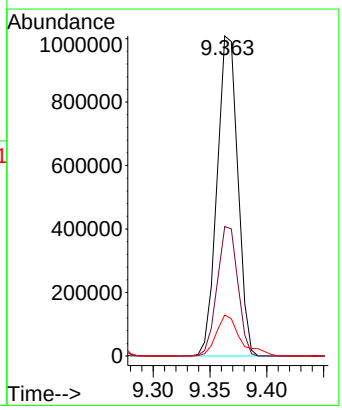
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

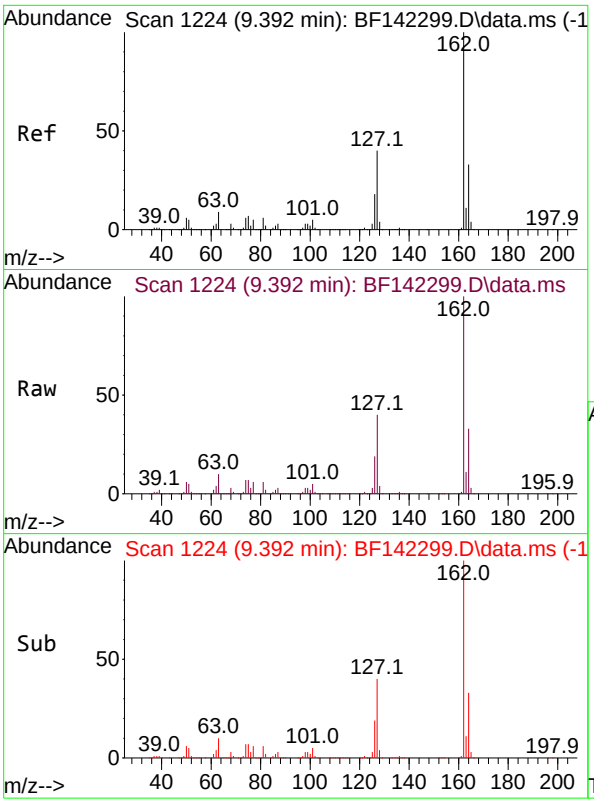


#46
1,1'-Biphenyl
Concen: 36.811 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:154 Resp: 1280889

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.8	0.0	32.8

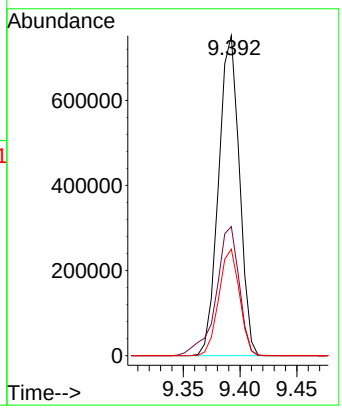




#47
2-Chloronaphthalene
Concen: 37.093 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:162 Resp: 95988

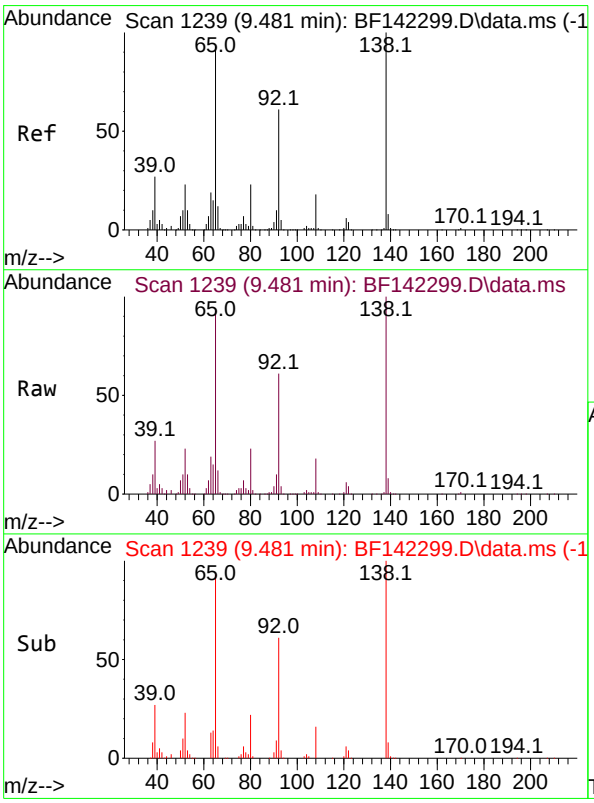
Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	33.3	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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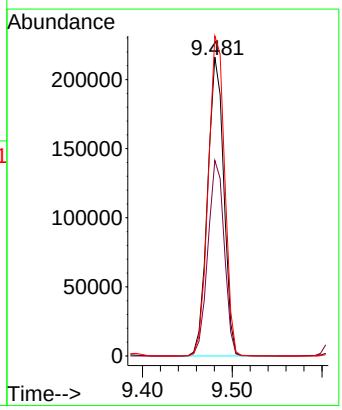
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

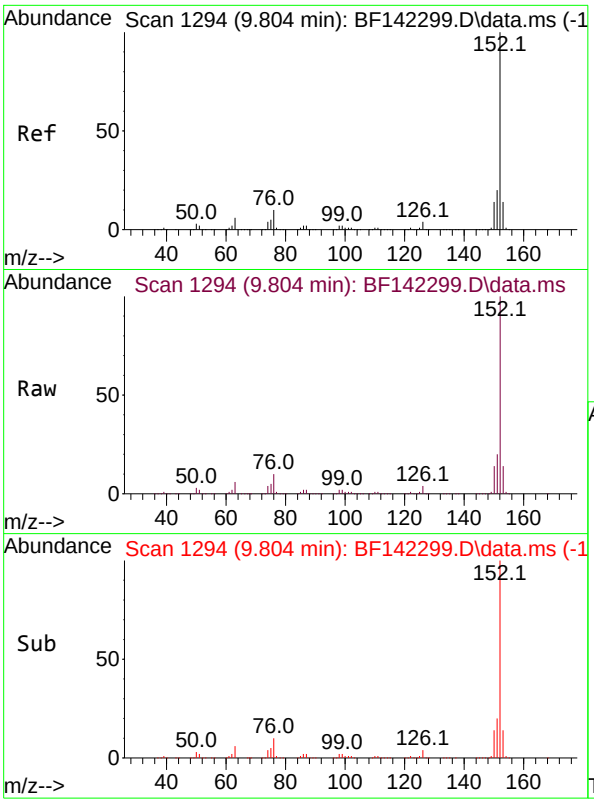


#48
2-Nitroaniline
Concen: 40.808 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 65 Resp: 270673

Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.3	78.5
138	107.0	85.6	128.4

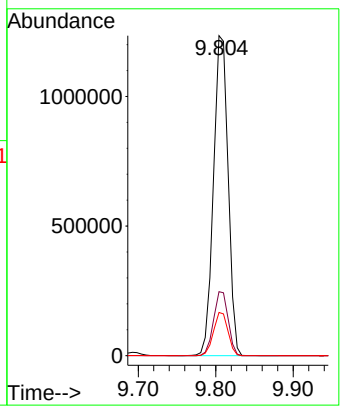




#49
Acenaphthylene
Concen: 37.378 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:152 Resp: 161806

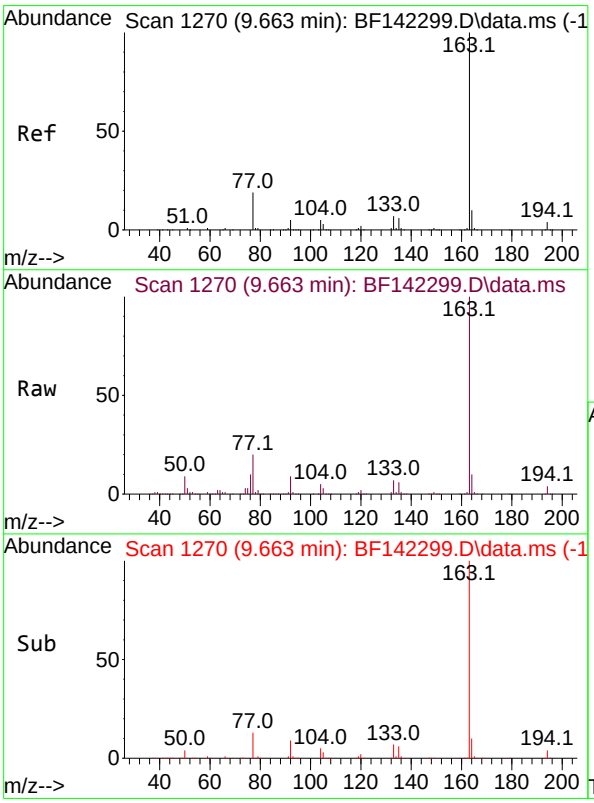
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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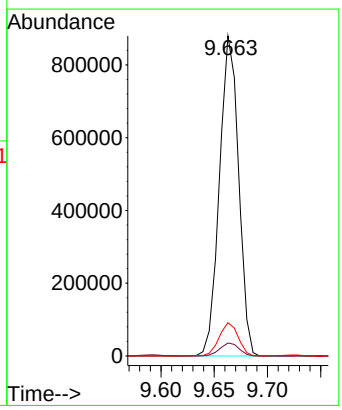
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

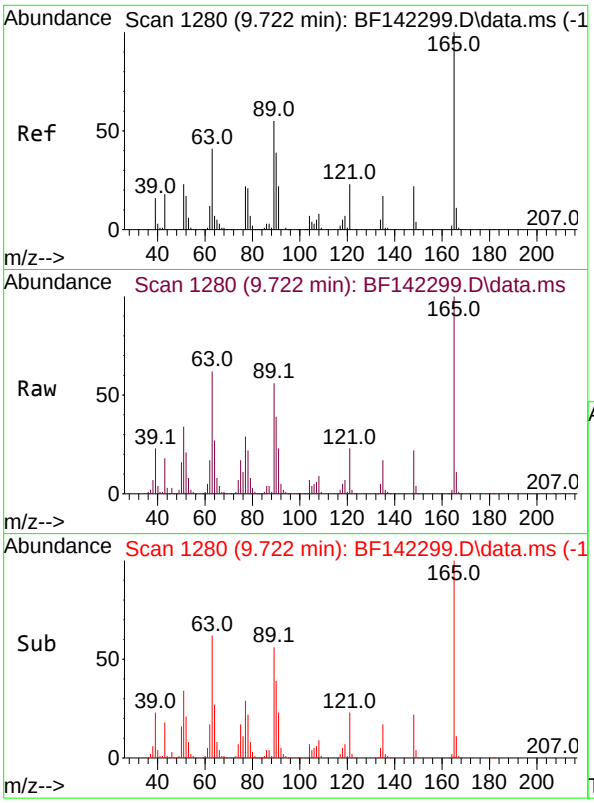


#50
Dimethylphthalate
Concen: 37.675 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:163 Resp: 1097900

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.3	12.5

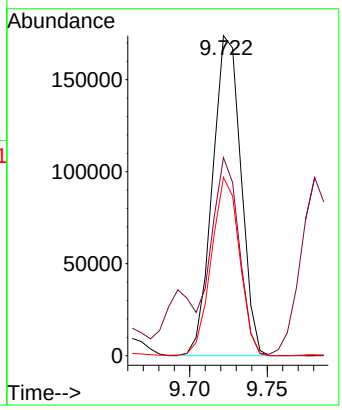




#51
2,6-Dinitrotoluene
Concen: 40.792 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:165 Resp: 22250

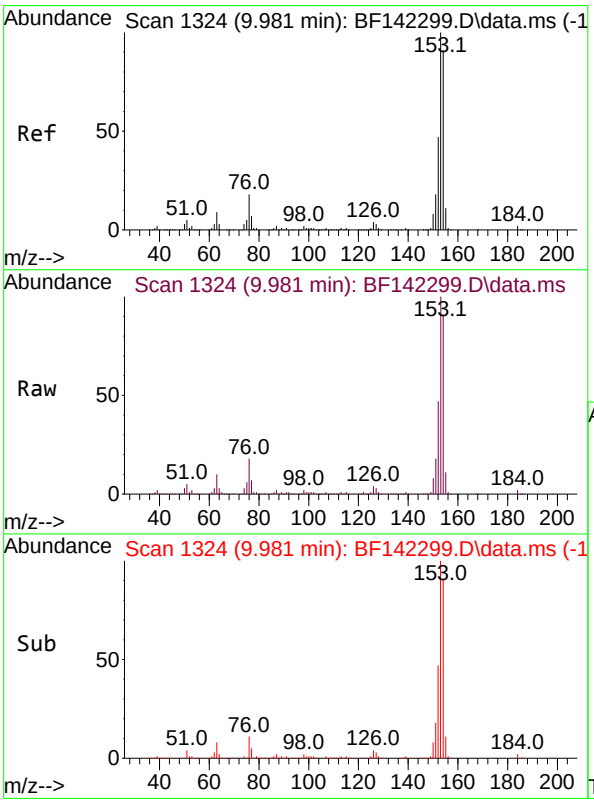
Ion	Ratio	Lower	Upper
165	100		
63	61.9	49.5	74.3
89	55.7	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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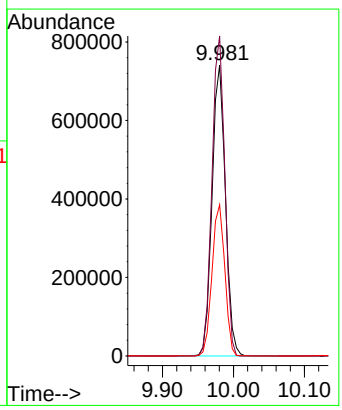
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

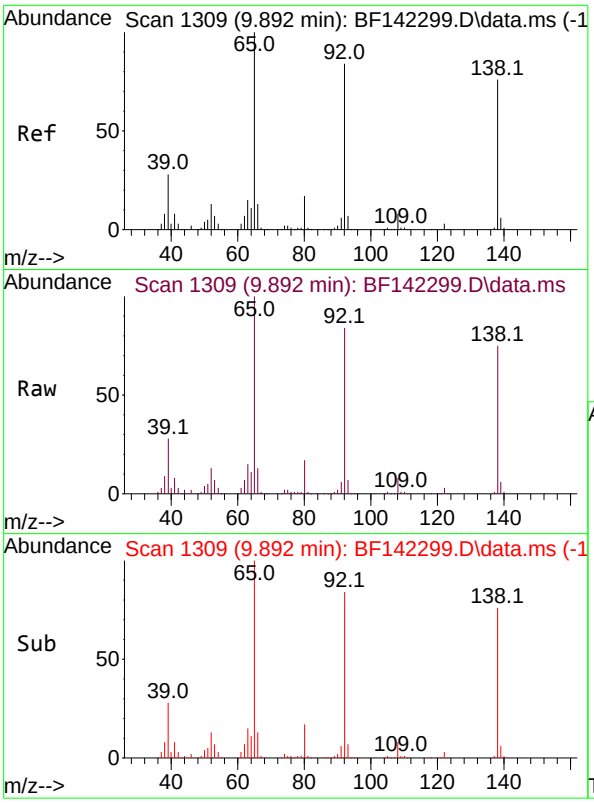


#52
Acenaphthene
Concen: 37.171 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:154 Resp: 967532

Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.0	132.0
152	52.0	41.6	62.4

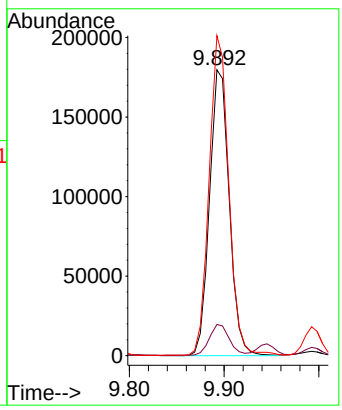




#53
3-Nitroaniline
Concen: 40.600 ng
RT: 9.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:138 Resp: 25973

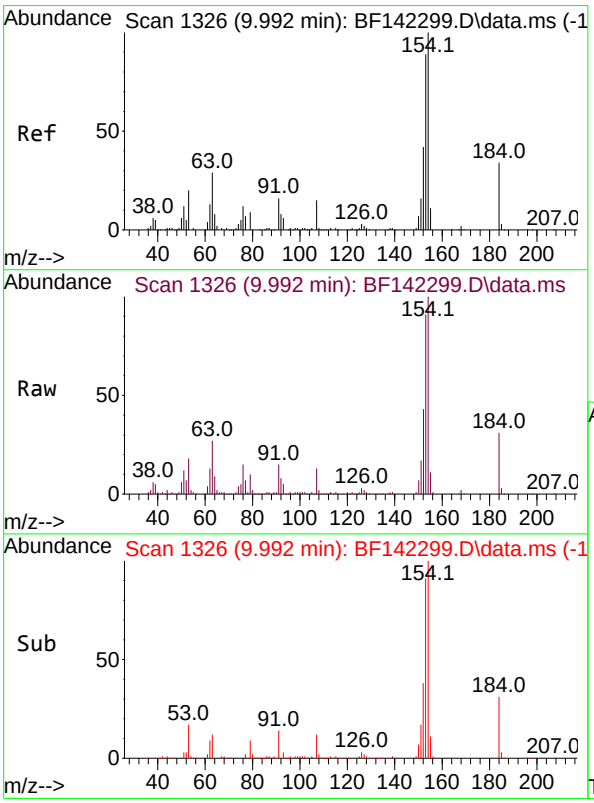
Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	111.9	89.5	134.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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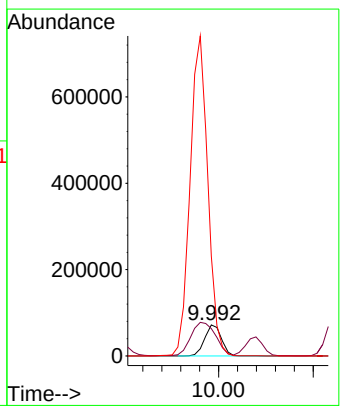
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

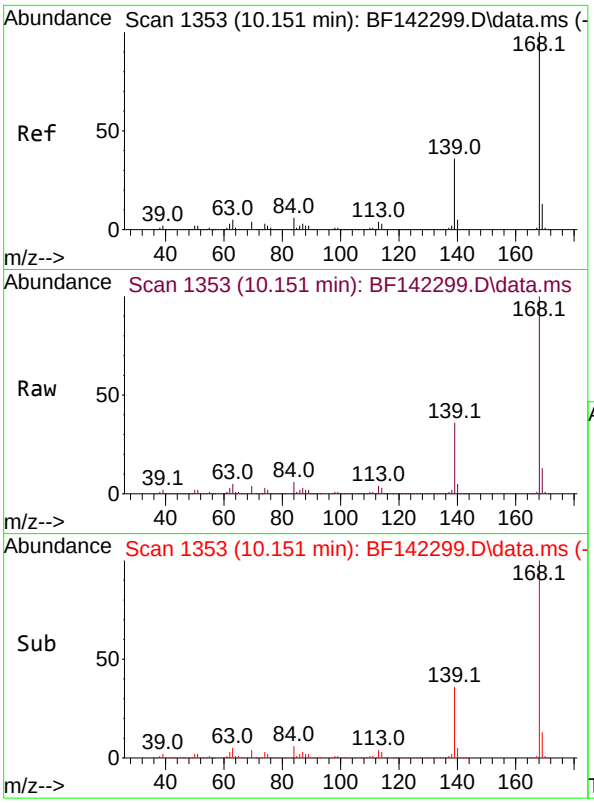


#54
2,4-Dinitrophenol
Concen: 35.617 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:184 Resp: 88227

Ion	Ratio	Lower	Upper
184	100		
63	88.2	70.6	105.8
154	321.5	257.2	385.8

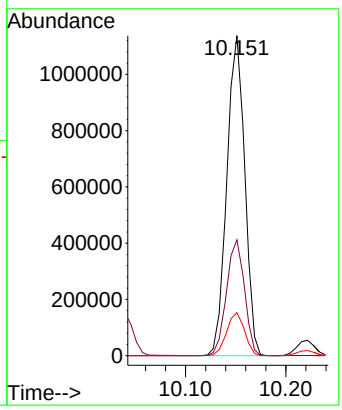




#55
Dibenzofuran
Concen: 36.745 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:168 Resp: 141151

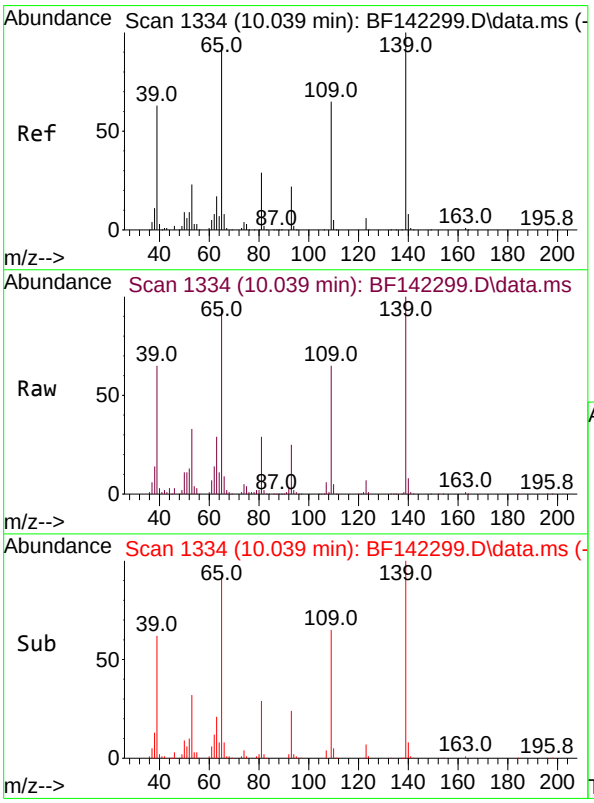
Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.0	43.4
169	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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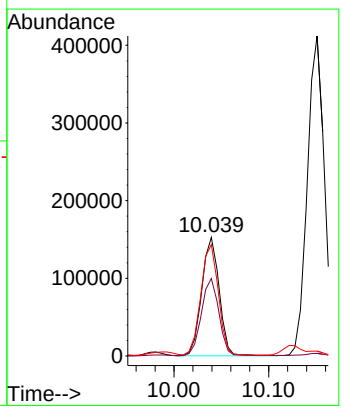
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

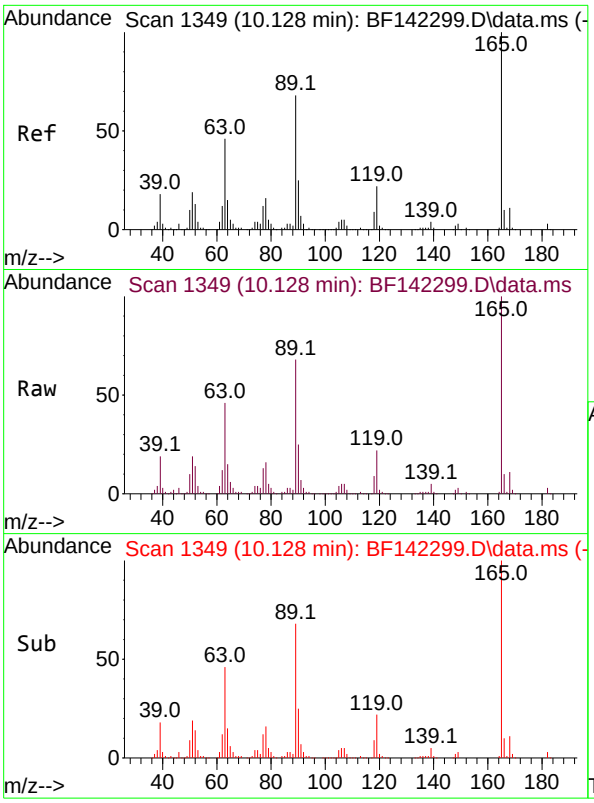


#56
4-Nitrophenol
Concen: 40.380 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:139 Resp: 194419

Ion	Ratio	Lower	Upper
139	100		
109	65.3	45.3	85.3
65	93.9	73.9	113.9

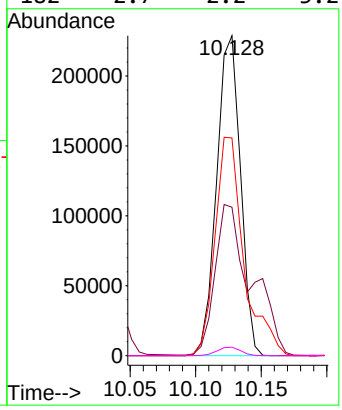




#57
2,4-Dinitrotoluene
Concen: 41.281 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:165 Resp: 28883

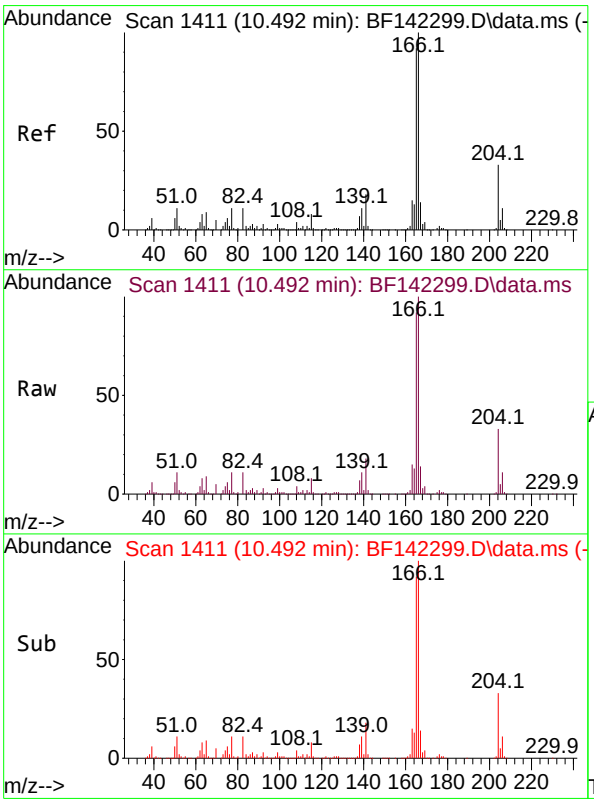
Ion	Ratio	Lower	Upper
165	100		
63	46.4	37.1	55.7
89	68.0	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

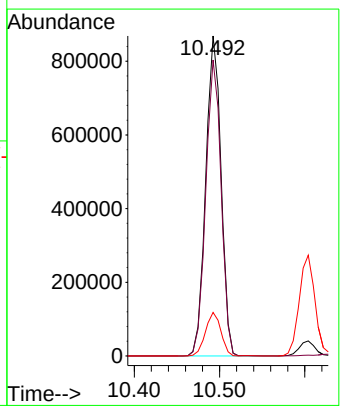
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

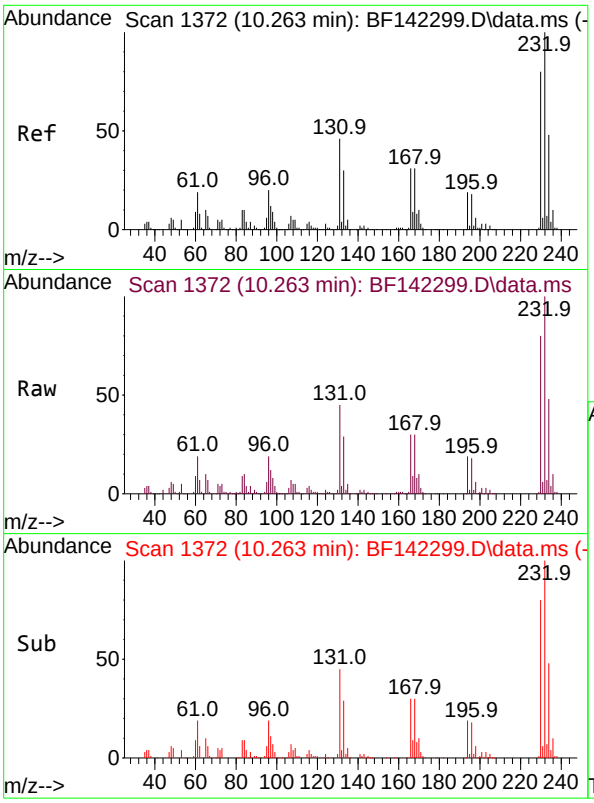


#58
Fluorene
Concen: 36.984 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:166 Resp: 1084214

Ion	Ratio	Lower	Upper
166	100		
165	92.5	74.0	111.0
167	13.6	10.9	16.3

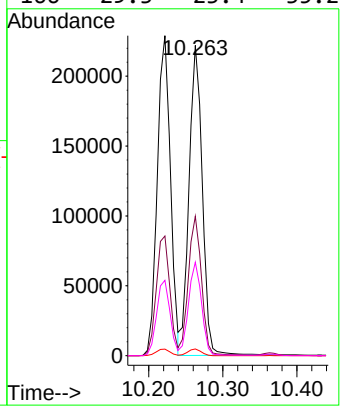




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.451 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:232 Resp: 27704

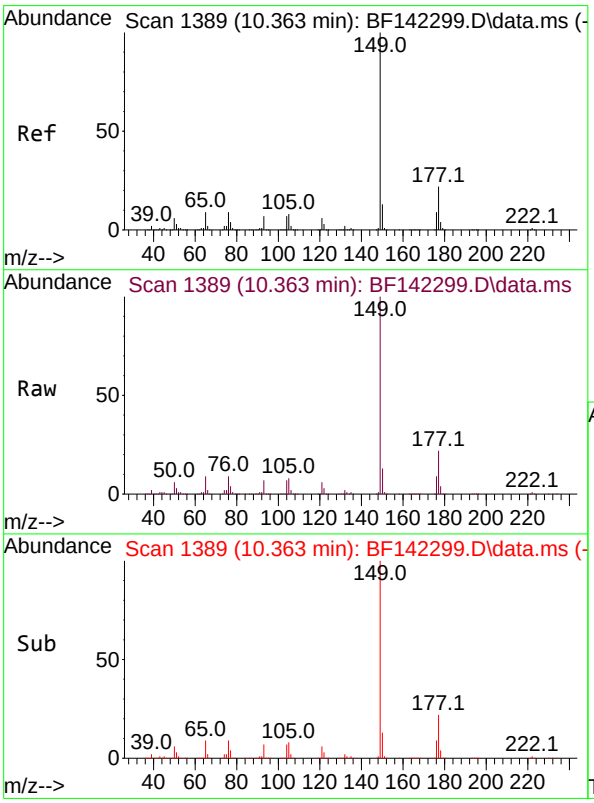
Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.2	1.8	2.6
166	29.3	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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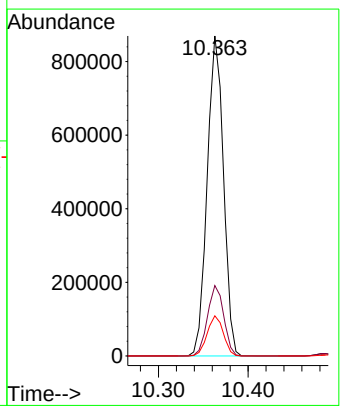
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

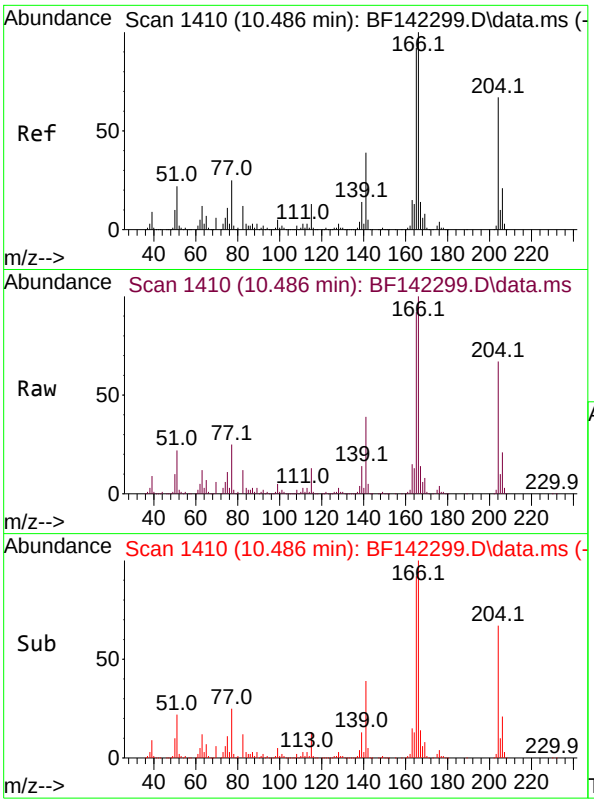


#60
Diethylphthalate
Concen: 37.640 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 1095399

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.028 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

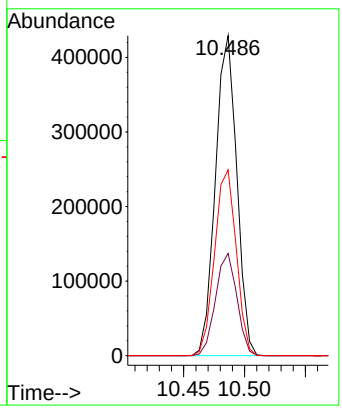
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

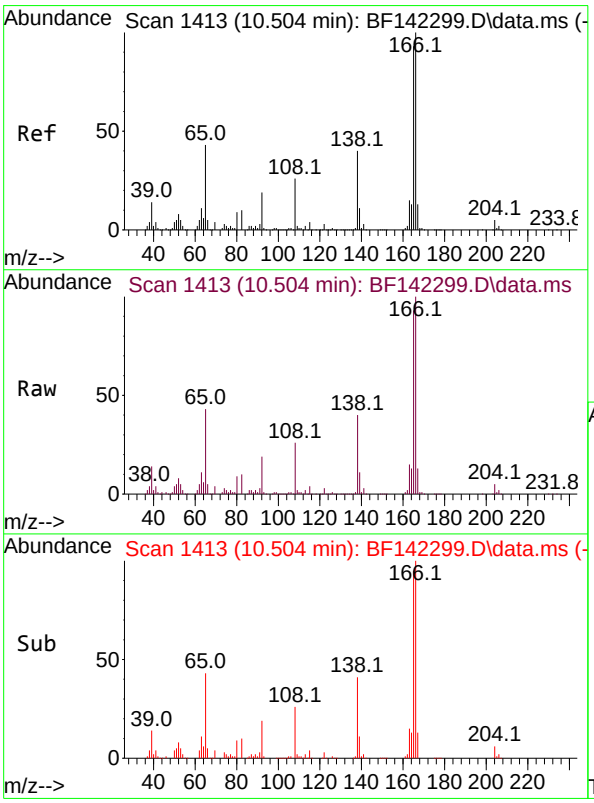
Tgt Ion:204 Resp: 52371

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.5	38.3
141	58.0	46.4	69.6

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

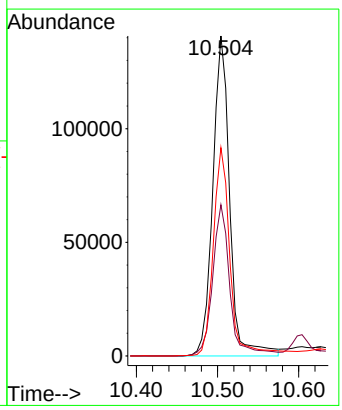


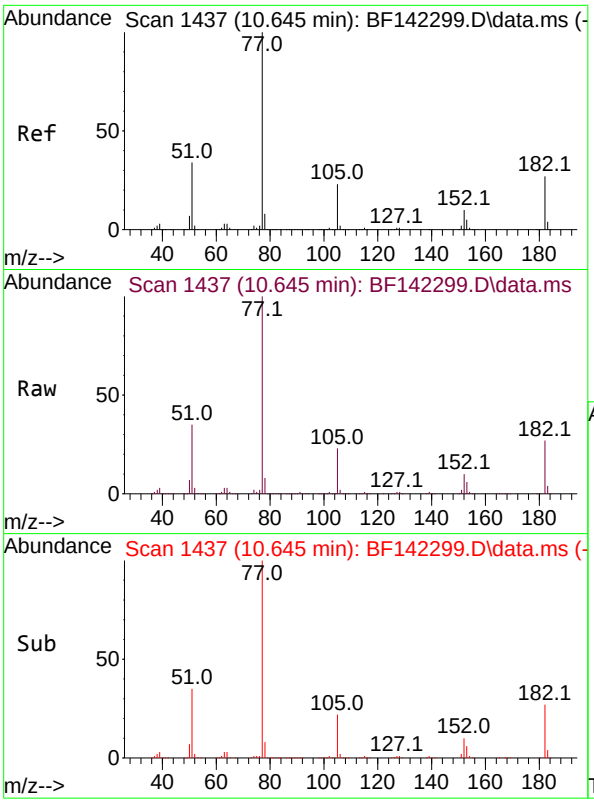


#62
4-Nitroaniline
Concen: 40.198 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:138 Resp: 203816

Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.3	67.3
108	65.1	45.1	85.1

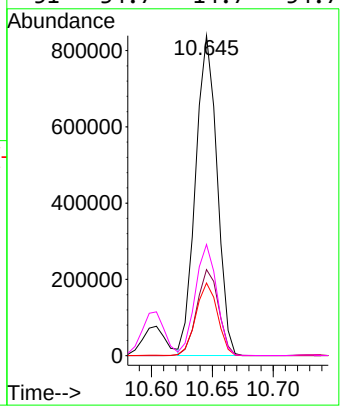




#63
Azobenzene
Concen: 36.938 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion: 77 Resp: 102722

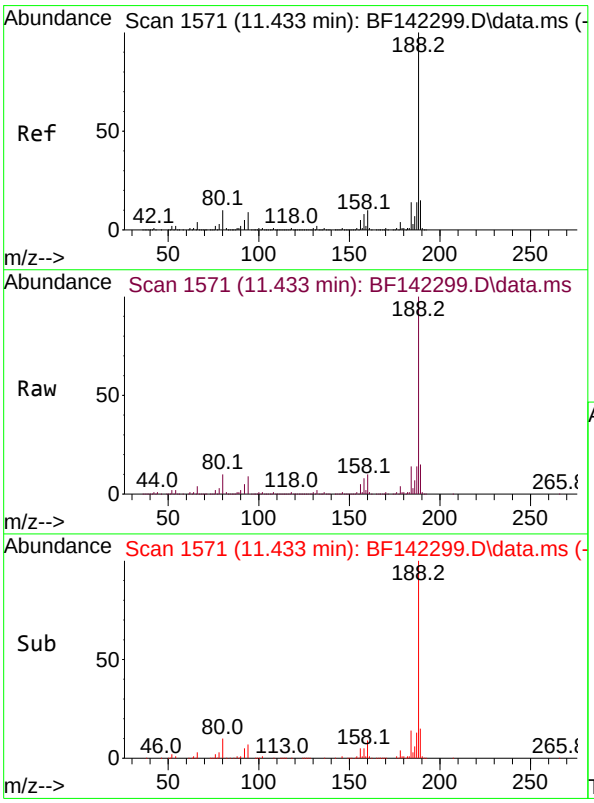
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.9	46.9
105	22.7	2.7	42.7
51	34.7	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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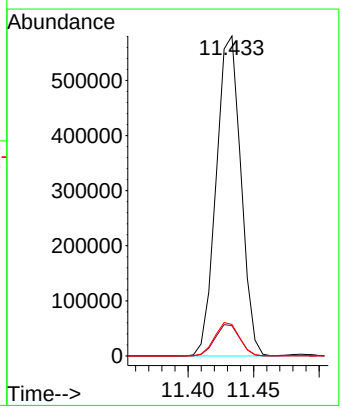
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

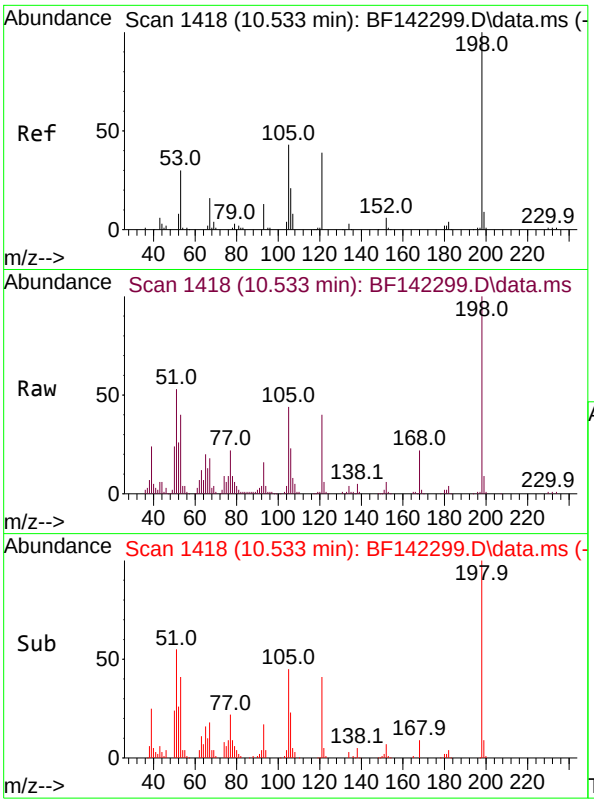


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:188 Resp: 760936

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.9	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 36.690 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

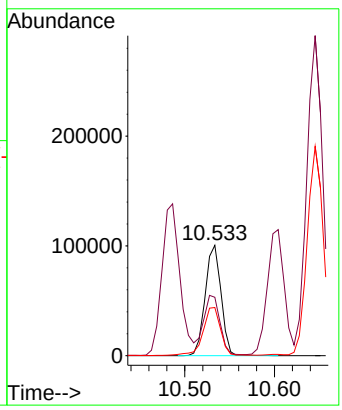
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

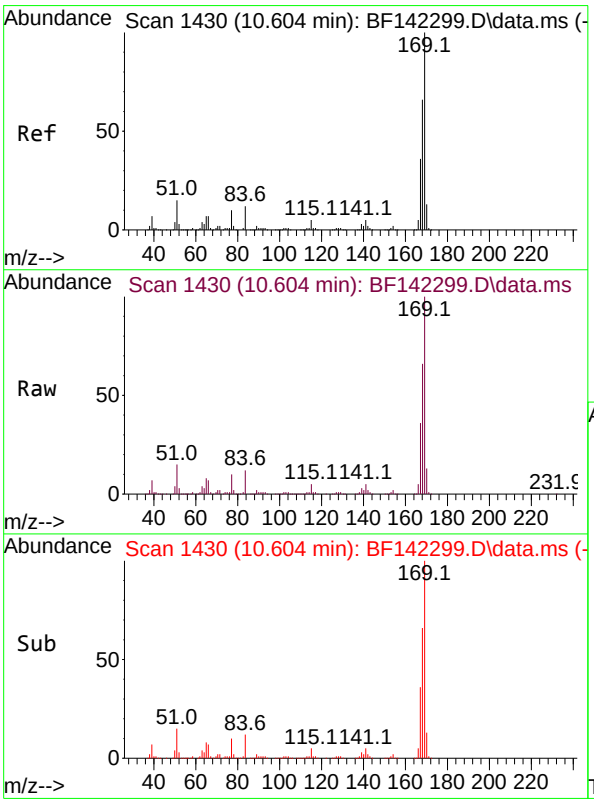
Tgt Ion:198 Resp: 12307

Ion	Ratio	Lower	Upper
198	100		
51	52.9	32.9	72.9
105	43.7	23.7	63.7

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

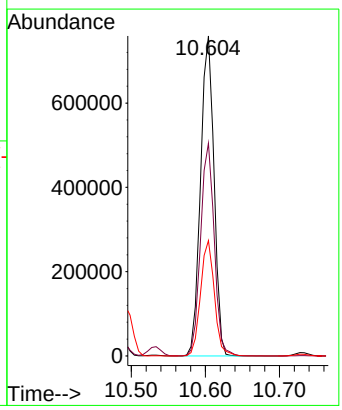


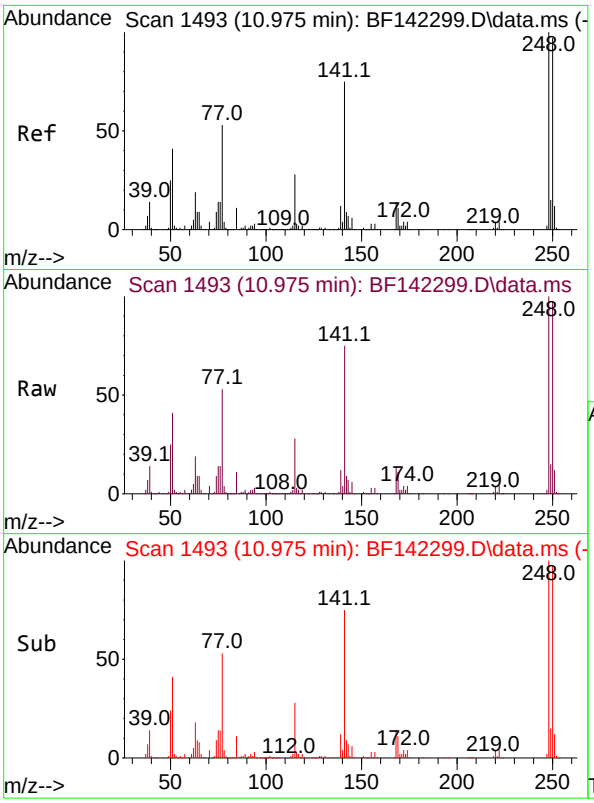


#66
n-Nitrosodiphenylamine
Concen: 37.816 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:169 Resp: 957534

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.1	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 38.106 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

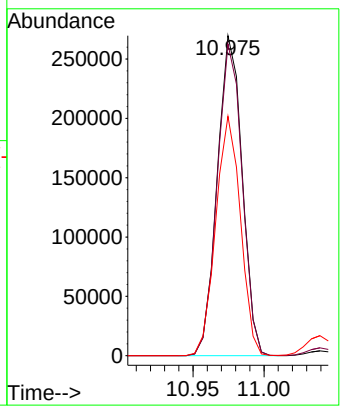
Tgt Ion:248 Resp: 32862

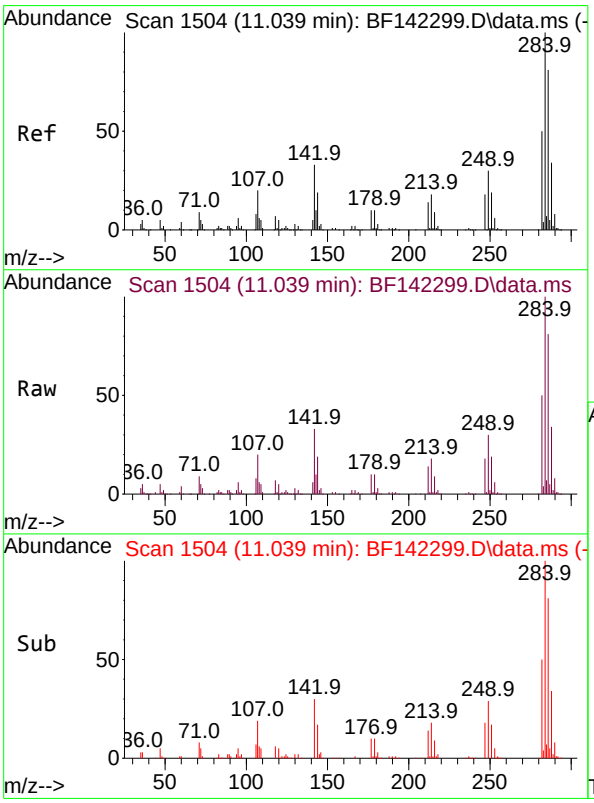
Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	74.8	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

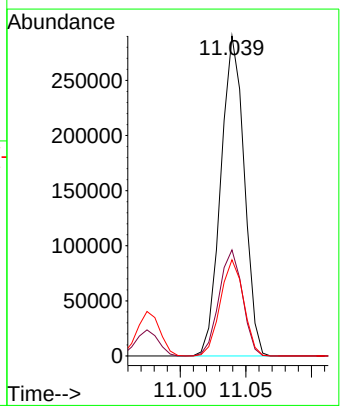


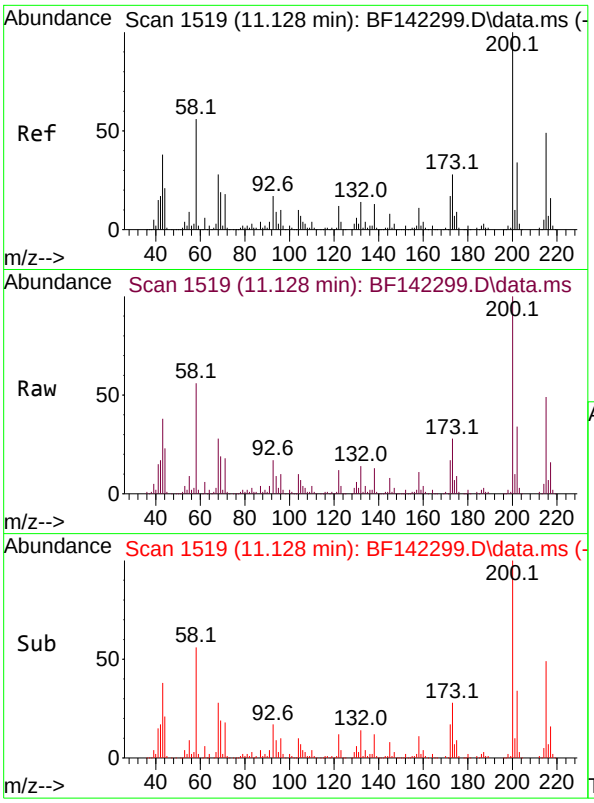


#68
Hexachlorobenzene
Concen: 38.046 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:284 Resp: 360906

Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.6	39.8
249	30.1	24.1	36.1

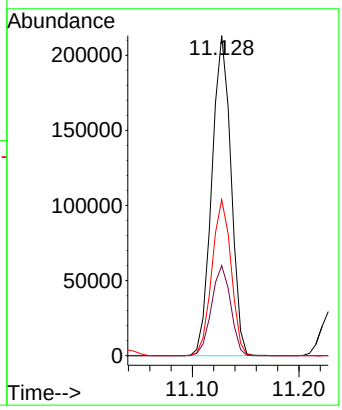




#69
Atrazine
Concen: 39.786 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:200 Resp: 26555

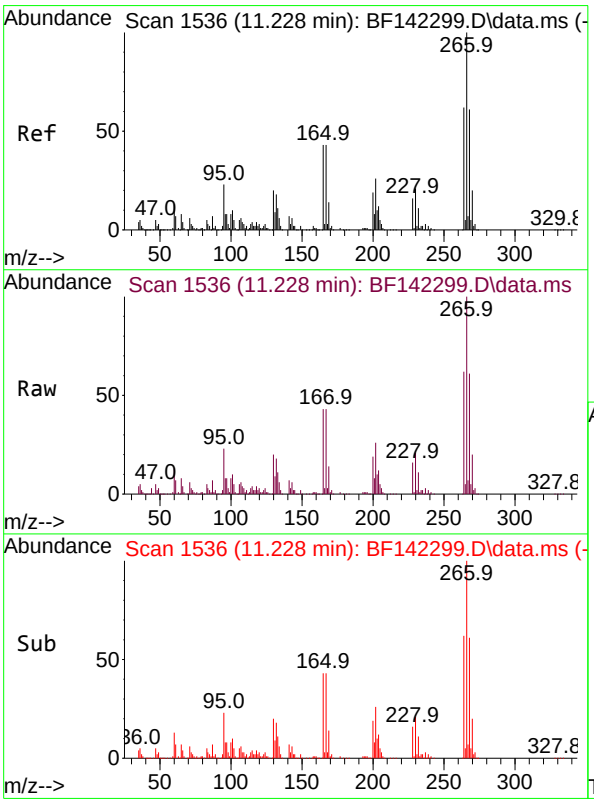
Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.1	48.1
215	48.8	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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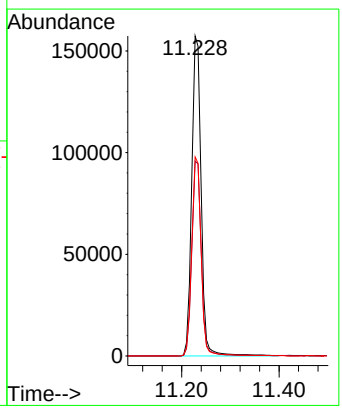
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

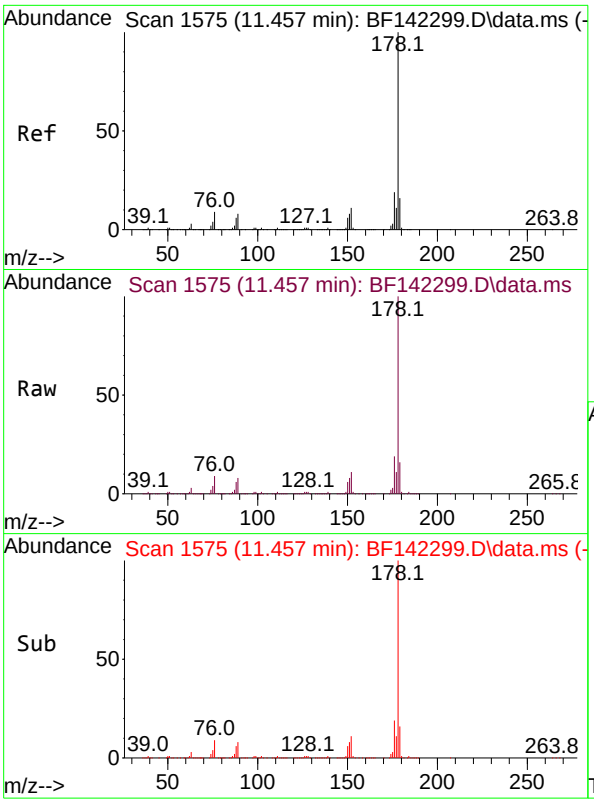


#70
Pentachlorophenol
Concen: 42.334 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:266 Resp: 211262

Ion	Ratio	Lower	Upper
266	100		
268	60.9	48.7	73.1
264	62.2	49.8	74.6

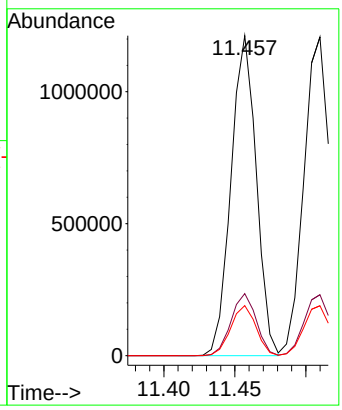




#71
Phenanthrene
Concen: 37.687 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:178 Resp: 150319

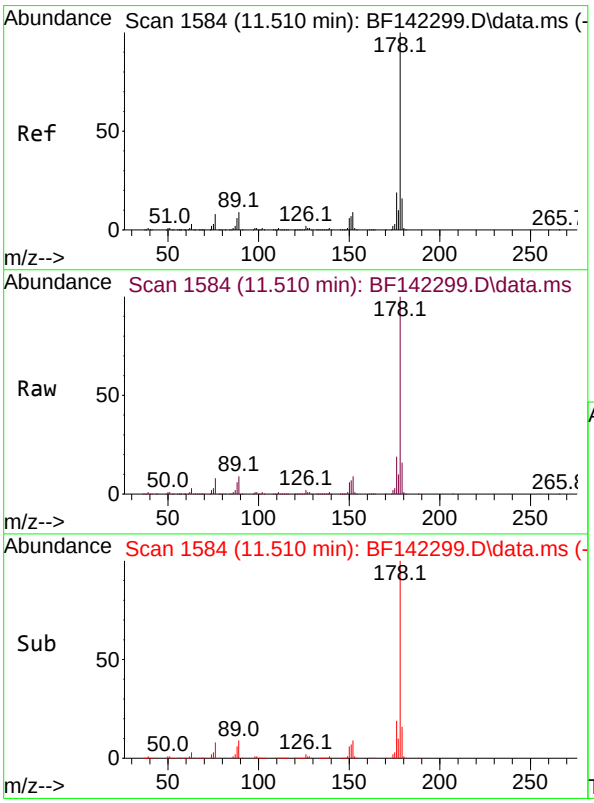
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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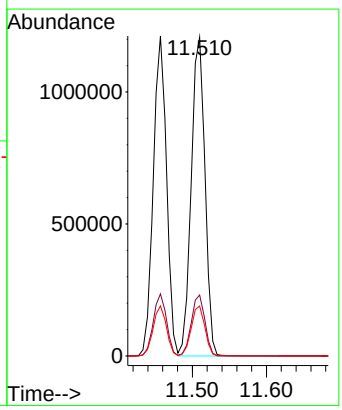
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

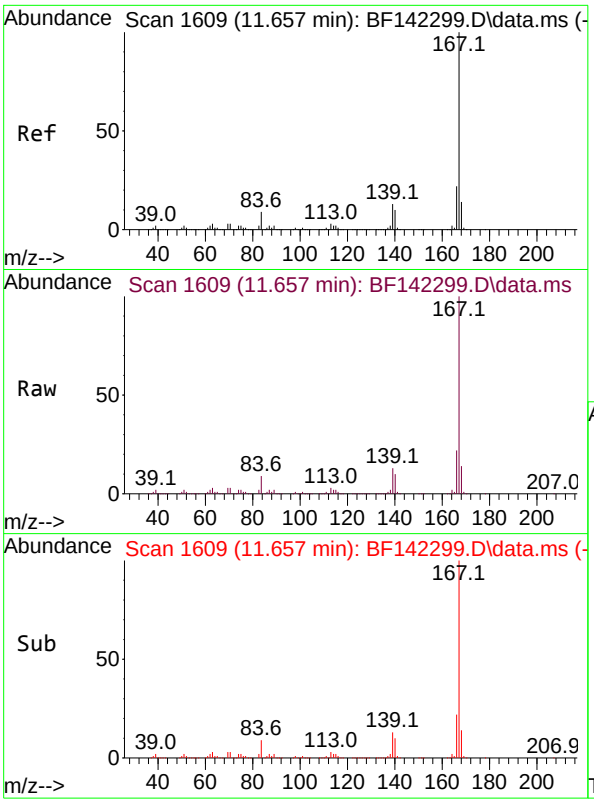


#72
Anthracene
Concen: 37.808 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:178 Resp: 1549487

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.6	18.8

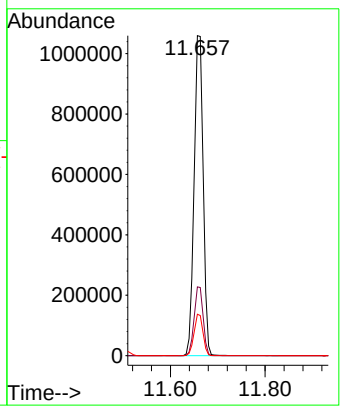




#73
Carbazole
Concen: 38.332 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:167 Resp: 140940

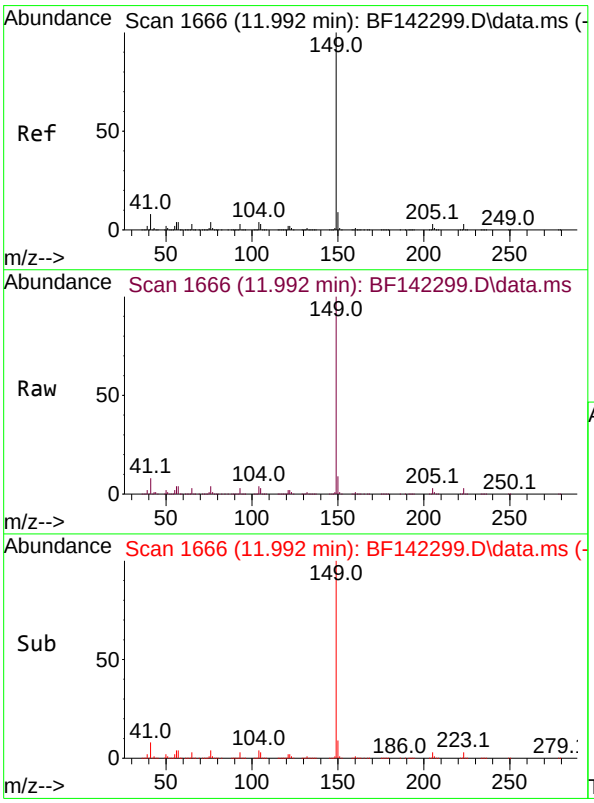
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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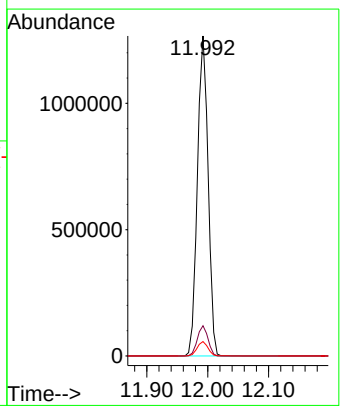
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

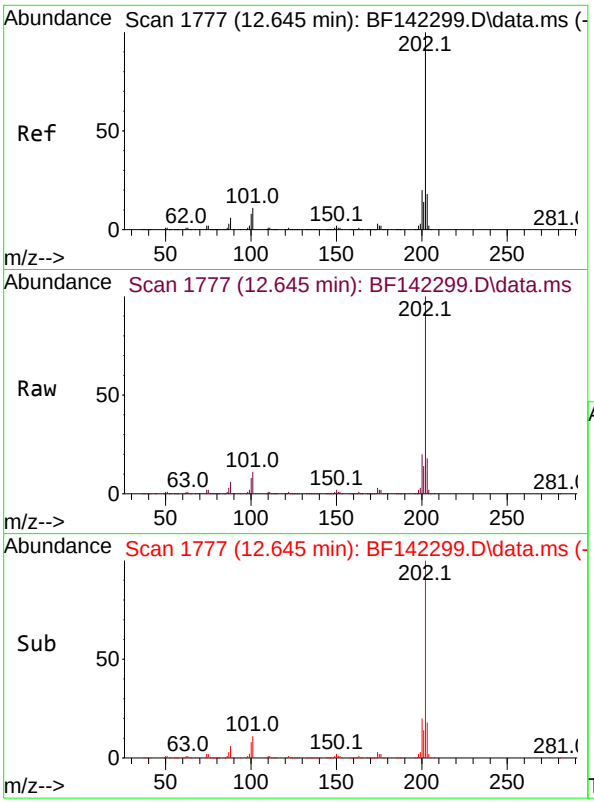


#74
Di-n-butylphthalate
Concen: 39.856 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 1540981

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4

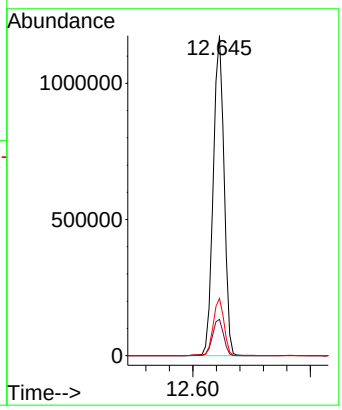




#75
Fluoranthene
Concen: 37.616 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:202 Resp: 149980

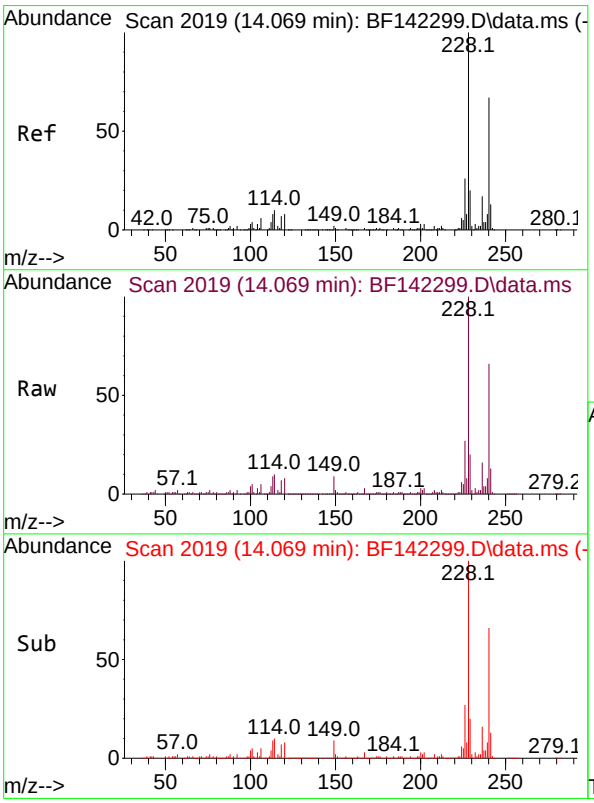
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.9	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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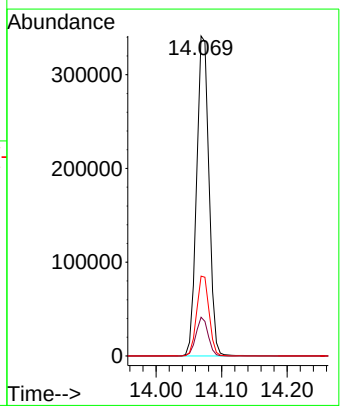
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

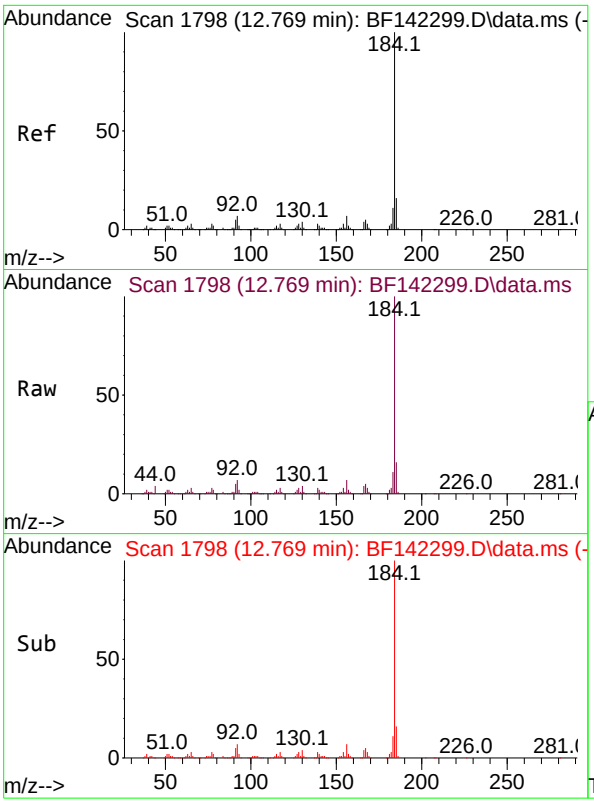


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:240 Resp: 448285

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	25.0	20.0	30.0

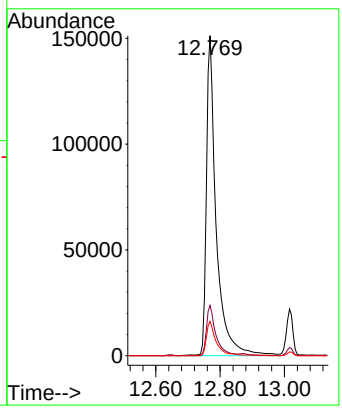




#77
Benzidine
Concen: 39.408 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:184 Resp: 32104

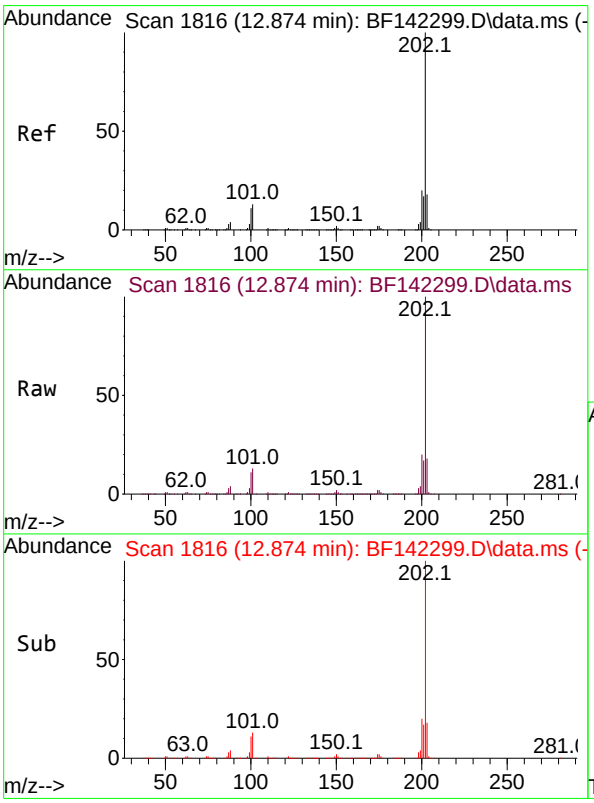
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	10.7	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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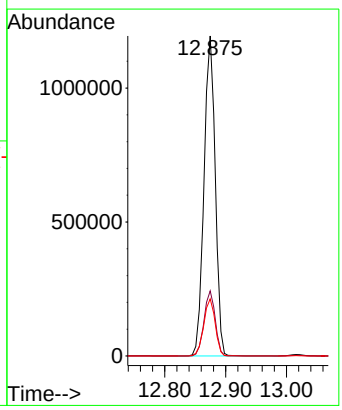
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

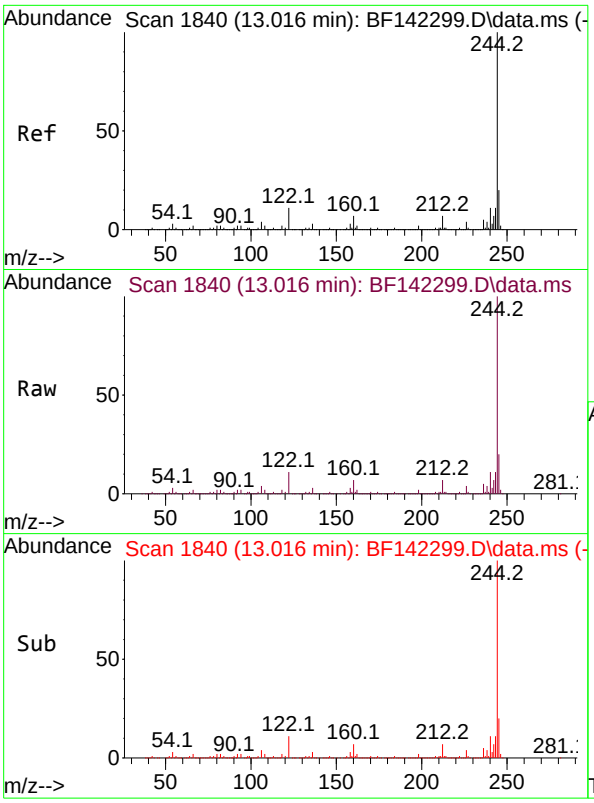


#78
Pyrene
Concen: 38.307 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:202 Resp: 1528516

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.9	14.3	21.5





#79
Terphenyl-d14
Concen: 74.299 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

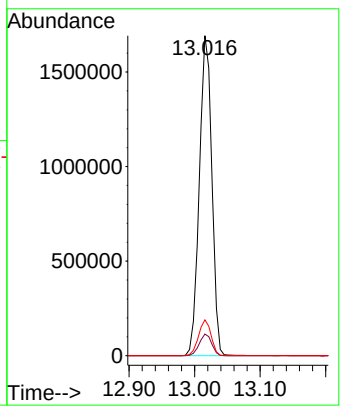
Tgt Ion:244 Resp: 225033

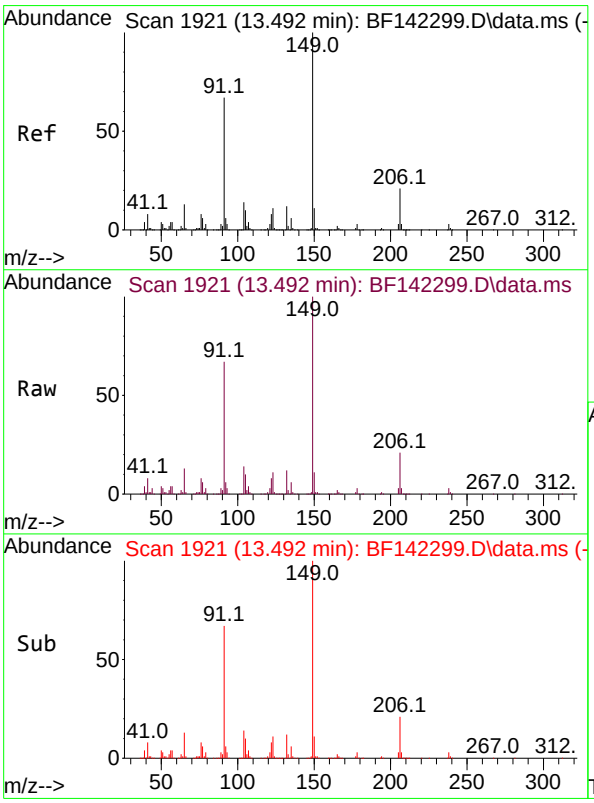
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.2	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

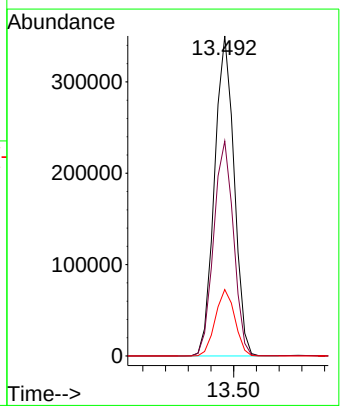


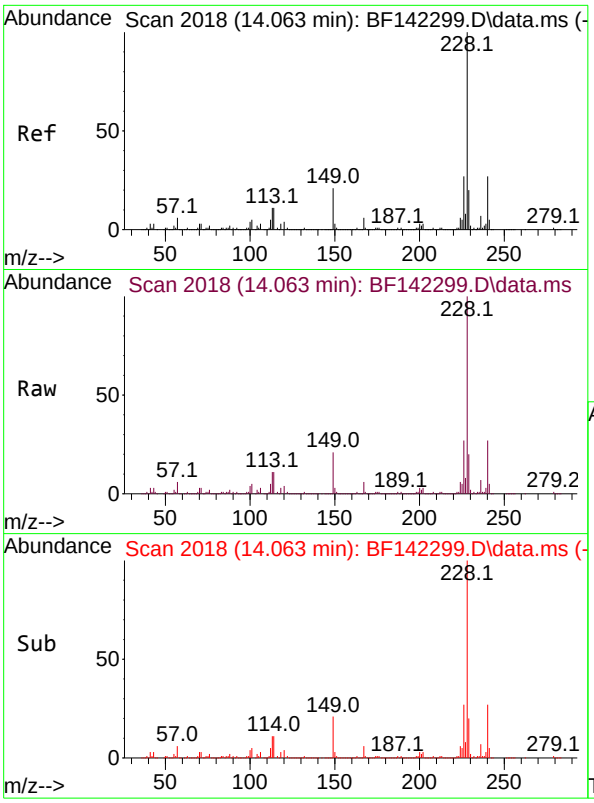


#80
Butylbenzylphthalate
Concen: 36.993 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 420197

Ion	Ratio	Lower	Upper
149	100		
91	67.2	53.8	80.6
206	20.7	16.6	24.8

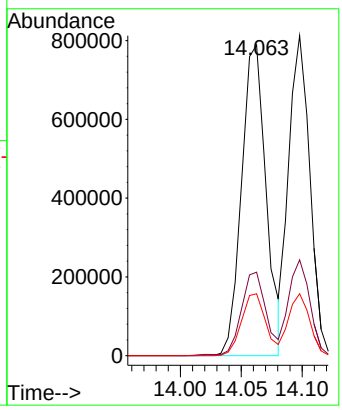




#81
Benzo(a)anthracene
Concen: 38.218 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:228 Resp: 110951

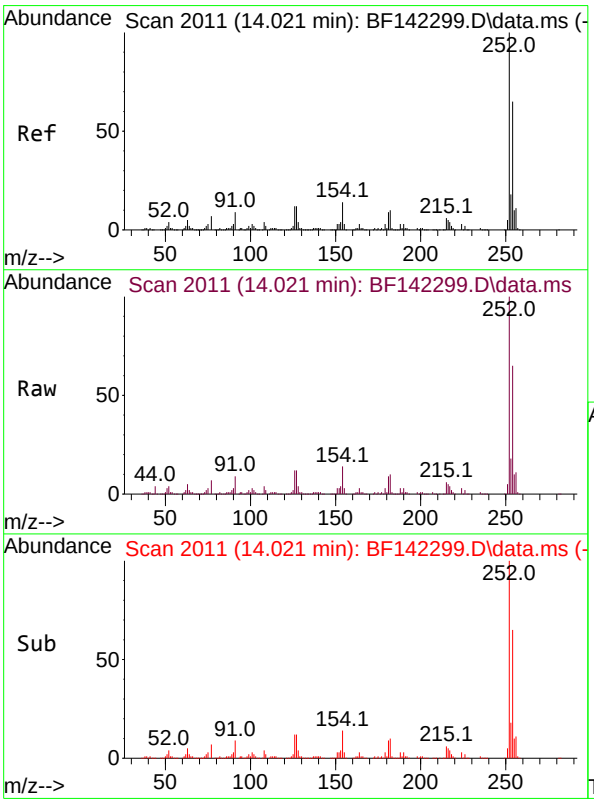
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	19.9	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

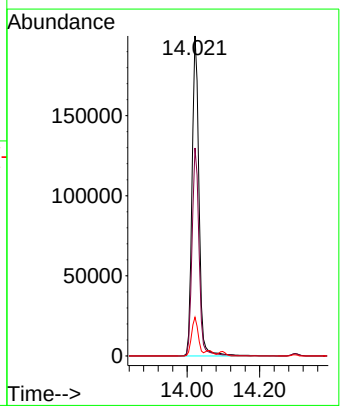
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

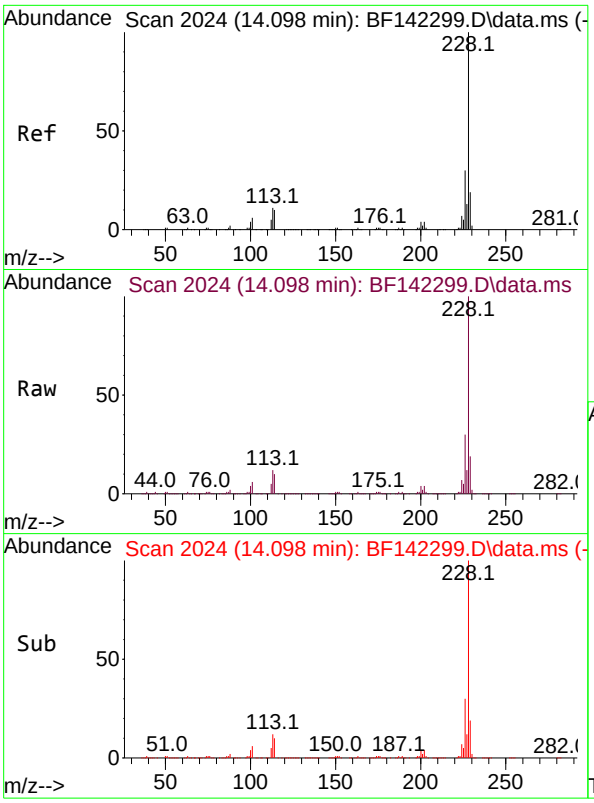


#82
3,3'-Dichlorobenzidine
Concen: 39.352 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 265678

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.0	78.0
126	12.1	9.7	14.5





#83
Chrysene
Concen: 36.624 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

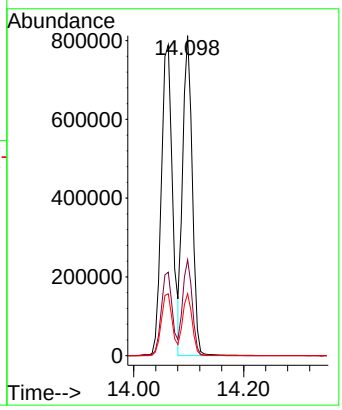
Tgt Ion:228 Resp: 98981

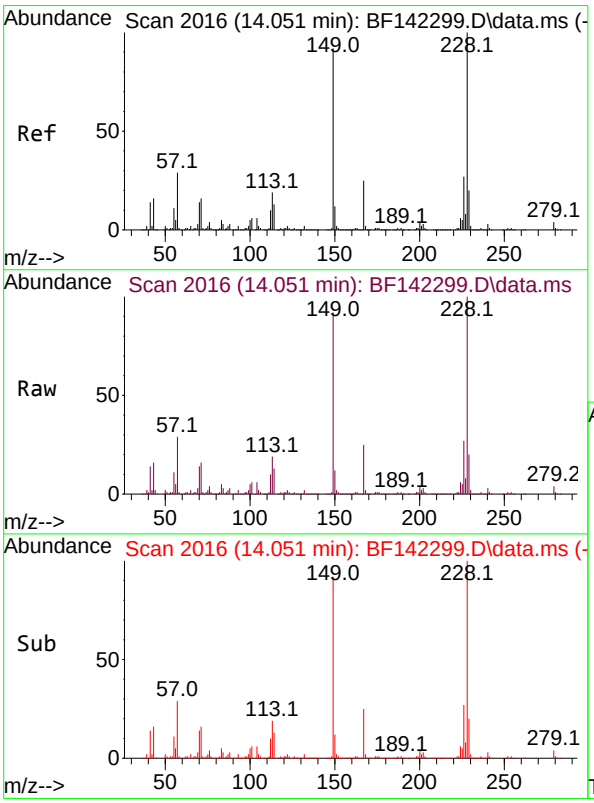
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.3	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

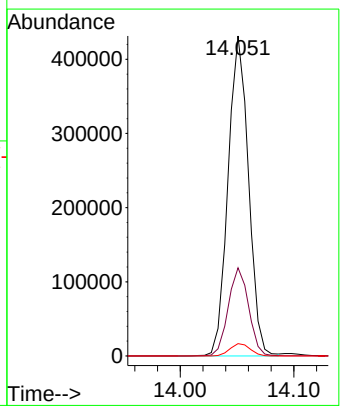


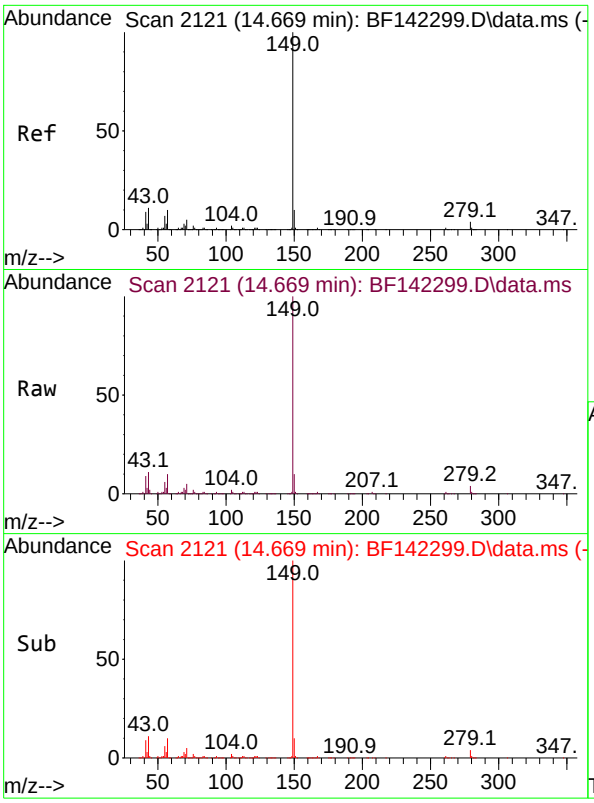


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.650 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 539105

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	3.8	3.0	4.6

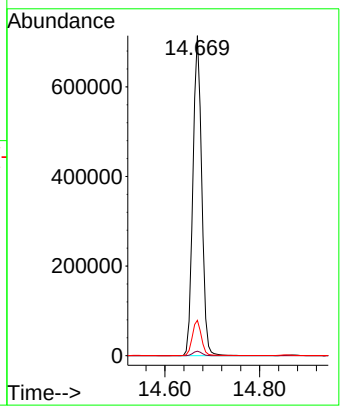




#85
Di-n-octyl phthalate
Concen: 36.079 ng
RT: 14.669 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:149 Resp: 92280

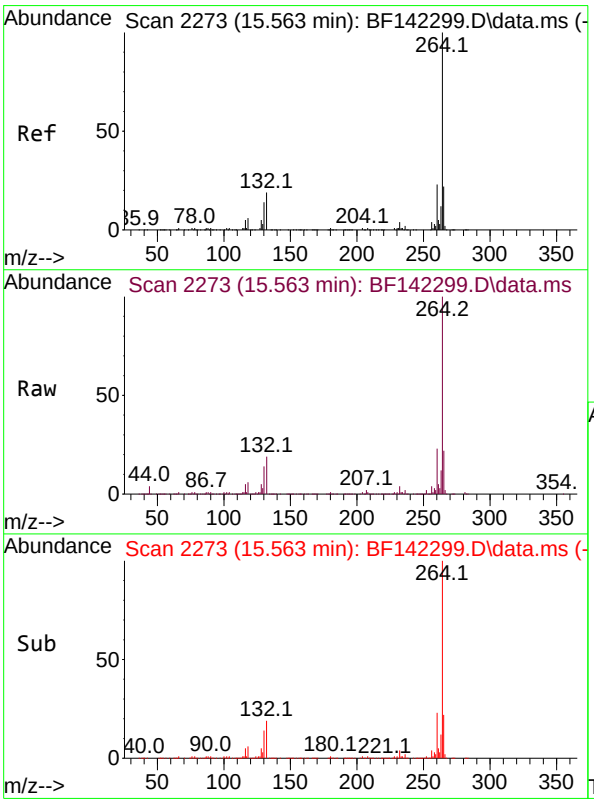
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	11.5	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

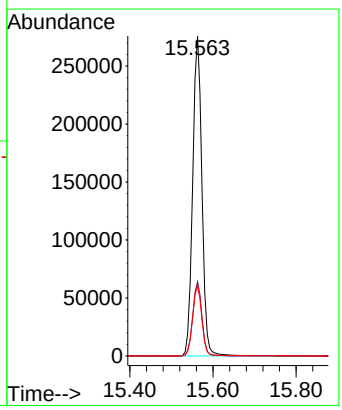
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

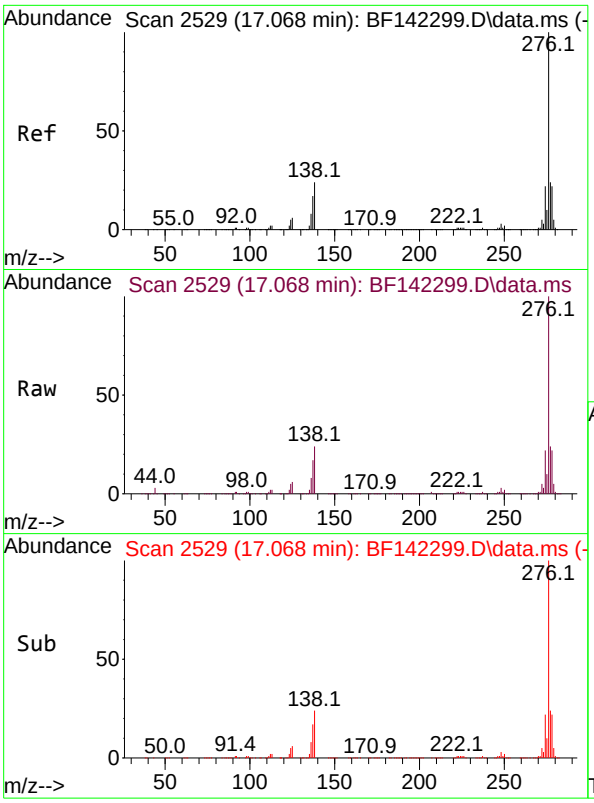


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:264 Resp: 426732

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.5	26.3

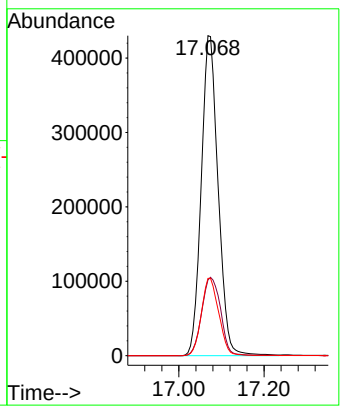




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.794 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:276 Resp: 118126

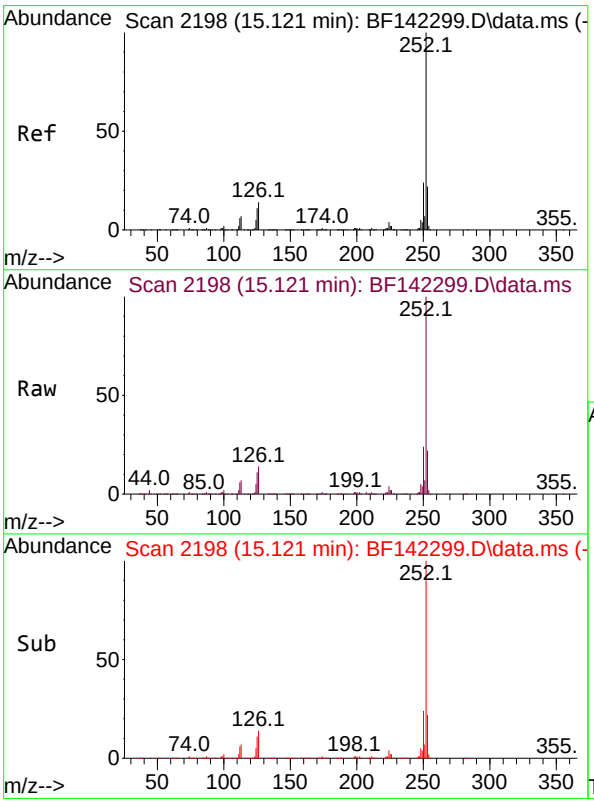
Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.0	33.0
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

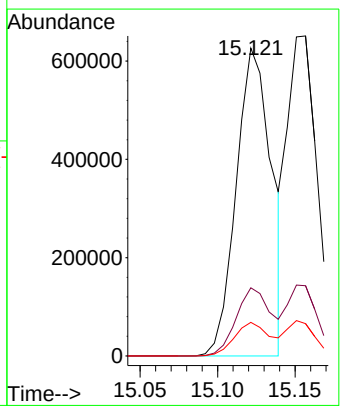
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

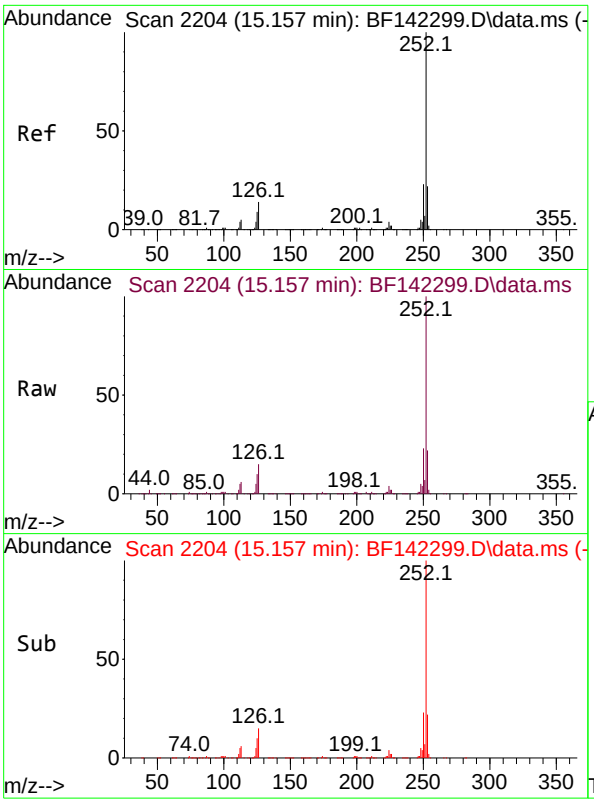


#88
Benzo(b)fluoranthene
Concen: 38.414 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 992827

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.9	8.7	13.1

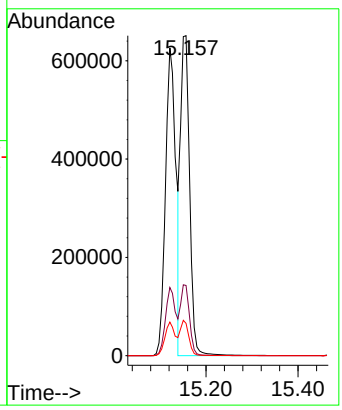




#89
Benzo(k)fluoranthene
Concen: 37.546 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 88802

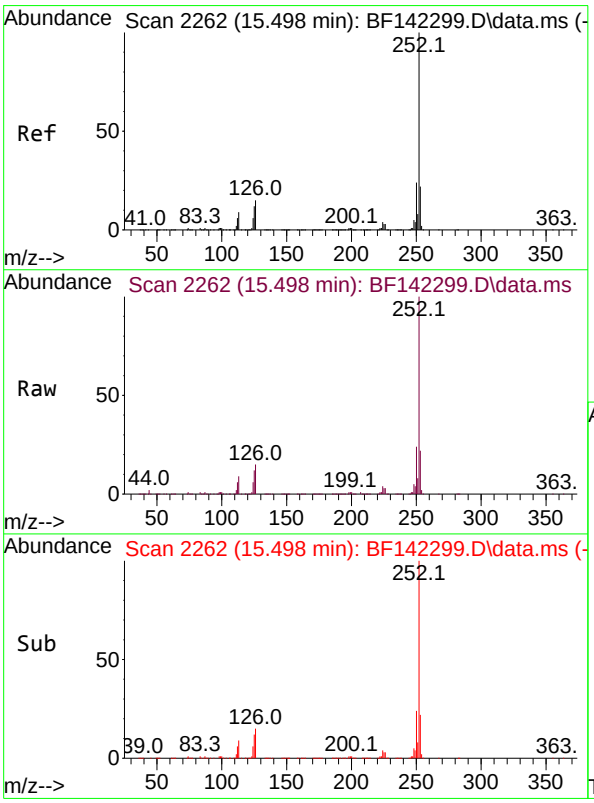
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

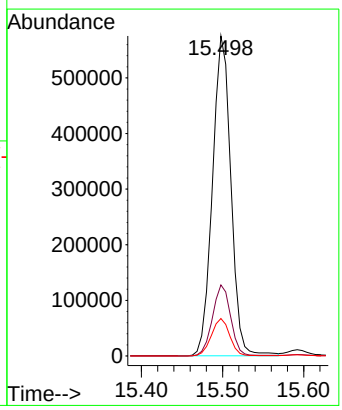
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

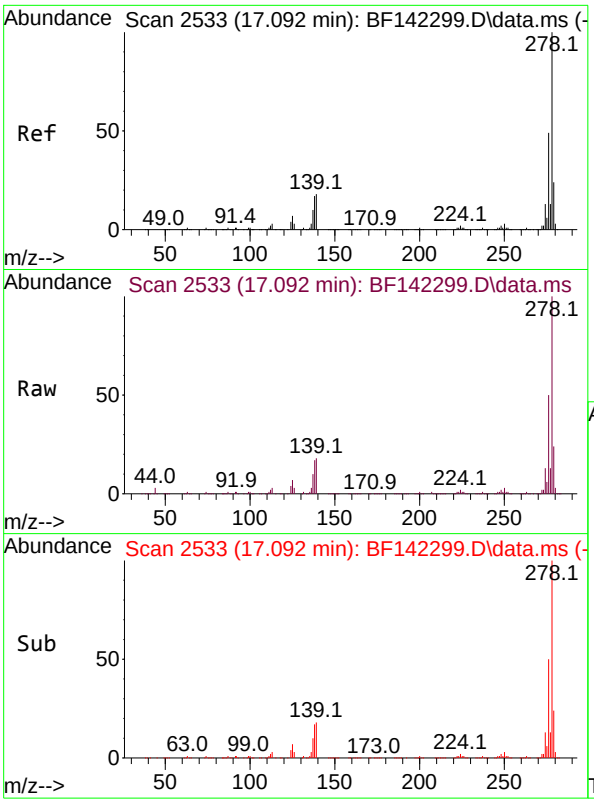


#90
Benzo(a)pyrene
Concen: 39.269 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:252 Resp: 909479

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.7	9.4	14.0

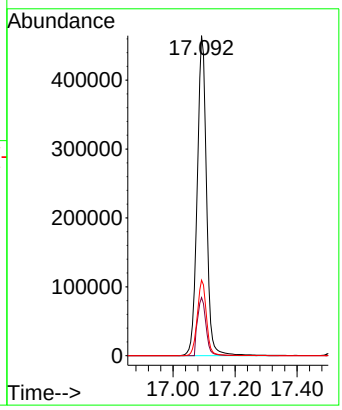




#91
Dibenzo(a,h)anthracene
Concen: 39.578 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:278 Resp: 97062

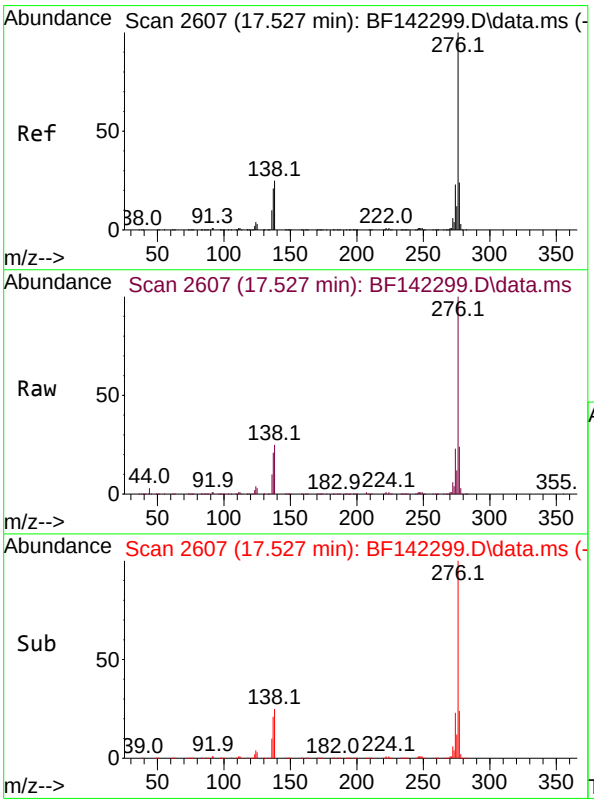
Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	23.6	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

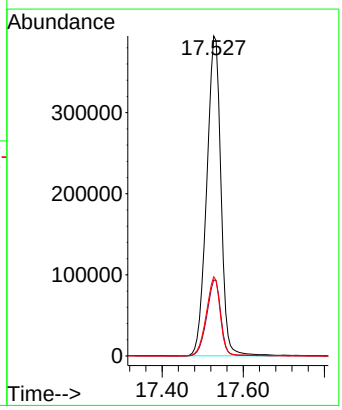
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 39.285 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF142299.D
Acq: 05 May 2025 15:50

Tgt Ion:276 Resp: 956211

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	24.7	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142300.D
Acq On : 05 May 2025 16:18
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	184142	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	725434	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381581	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	653321	20.000	ng	0.00
76) Chrysene-d12	14.074	240	361528	20.000	ng	0.00
86) Perylene-d12	15.563	264	352732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1127279	104.504	ng	0.00
7) Phenol-d6	6.528	99	1380723	104.071	ng	0.00
23) Nitrobenzene-d5	7.469	82	1306356	109.825	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	416395	113.025	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2550133	95.292	ng	0.00
79) Terphenyl-d14	13.016	244	2512161	102.849	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	250125	51.492	ng	100
3) Pyridine	3.446	79	603723	52.856	ng	99
4) n-Nitrosodimethylamine	3.399	42	349382	52.710	ng	99
6) Aniline	6.569	93	710390	54.590	ng	100
8) 2-Chlorophenol	6.687	128	619795	53.769	ng	99
9) Benzaldehyde	6.457	77	346249	44.591	ng	100
10) Phenol	6.540	94	727274m	51.714	ng	
11) bis(2-Chloroethyl)ether	6.640	93	698119m	50.339	ng	
12) 1,3-Dichlorobenzene	6.846	146	679991	51.563	ng	100
13) 1,4-Dichlorobenzene	6.928	146	679359	51.307	ng	99
14) 1,2-Dichlorobenzene	7.075	146	655534	51.578	ng	99
15) Benzyl Alcohol	7.045	79	474305	55.210	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1077461	52.026	ng	100
17) 2-Methylphenol	7.151	107	492676	52.792	ng	100
18) Hexachloroethane	7.422	117	235428	53.439	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	429402	52.324	ng	99
20) 3+4-Methylphenols	7.304	107	613574	52.680	ng	94
22) Acetophenone	7.316	105	809554	50.190	ng	98
24) Nitrobenzene	7.493	77	610521	54.450	ng	98
25) Isophorone	7.728	82	1175639	52.193	ng	99
26) 2-Nitrophenol	7.804	139	279873	51.463	ng	99
27) 2,4-Dimethylphenol	7.834	122	596218	52.647	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	739692	51.070	ng	99
29) 2,4-Dichlorophenol	8.045	162	521673	54.183	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	550979	50.849	ng	100
31) Naphthalene	8.210	128	1773884	50.454	ng	100
32) Benzoic acid	7.945	122	322603m	51.963	ng	
33) 4-Chloroaniline	8.257	127	789321m	55.118	ng	
34) Hexachlorobutadiene	8.328	225	335206	52.244	ng	99
35) Caprolactam	8.628	113	160421	57.291	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	526289	52.584	ng	99
37) 2-Methylnaphthalene	8.904	142	1114987	51.036	ng	99
38) 1-Methylnaphthalene	9.004	142	1142120	50.158	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	547513	51.375	ng	100
41) Hexachlorocyclopentadiene	9.057	237	369761	56.140	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	375122	55.803	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142300.D
Acq On : 05 May 2025 16:18
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 05 18:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	394344	55.134	ng		99
46) 1,1'-Biphenyl	9.369	154	1494596	51.084	ng		100
47) 2-Chloronaphthalene	9.392	162	1101937	50.645	ng		99
48) 2-Nitroaniline	9.481	65	327821	58.781	ng		98
49) Acenaphthylene	9.810	152	1868268	51.328	ng		99
50) Dimethylphthalate	9.669	163	1280292	52.252	ng		99
51) 2,6-Dinitrotoluene	9.728	165	267530	58.331	ng		95
52) Acenaphthene	9.981	154	1125706	51.436	ng		99
53) 3-Nitroaniline	9.898	138	313887	58.354	ng		98
54) 2,4-Dinitrophenol	9.998	184	114759	50.908	ng	#	15
55) Dibenzofuran	10.151	168	1632492	50.542	ng		99
56) 4-Nitrophenol	10.039	139	240972	59.524	ng		99
57) 2,4-Dinitrotoluene	10.128	165	350749	59.620	ng		100
58) Fluorene	10.492	166	1224371	49.671	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	327947	55.542	ng		99
60) Diethylphthalate	10.363	149	1282136	52.397	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	608508	51.168	ng		100
62) 4-Nitroaniline	10.504	138	229299	53.785	ng		98
63) Azobenzene	10.645	77	1211976	51.833	ng		100
65) 4,6-Dinitro-2-methylph...	10.534	198	154307	50.269	ng		96
66) n-Nitrosodiphenylamine	10.604	169	1120570	51.544	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	388493	52.469	ng		99
68) Hexachlorobenzene	11.039	284	420761	51.661	ng		99
69) Atrazine	11.128	200	319507	55.754	ng		99
70) Pentachlorophenol	11.228	266	249218	58.166	ng		98
71) Phenanthrene	11.457	178	1727795	50.453	ng		99
72) Anthracene	11.510	178	1784428	50.712	ng		100
73) Carbazole	11.663	167	1610611	51.019	ng		100
74) Di-n-butylphthalate	11.992	149	1785998	53.803	ng		100
75) Fluoranthene	12.645	202	1717060	50.159	ng		100
77) Benzidine	12.769	184	385286	58.643	ng		99
78) Pyrene	12.875	202	1728090	53.702	ng		99
80) Butylbenzylphthalate	13.492	149	493025	52.156	ng		100
81) Benzo(a)anthracene	14.063	228	1224138	52.285	ng		99
82) 3,3'-Dichlorobenzidine	14.022	252	295953	54.357	ng		99
83) Chrysene	14.098	228	1119046	51.342	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	631350	51.305	ng		99
85) Di-n-octyl phthalate	14.669	149	1122100	50.417	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1407239	57.351	ng		100
88) Benzo(b)fluoranthene	15.121	252	1113446	52.119	ng		99
89) Benzo(k)fluoranthene	15.157	252	1033813	52.880	ng		100
90) Benzo(a)pyrene	15.504	252	1043008	54.482	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1153556	56.905	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1141826	56.752	ng		99

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

ICAL Form

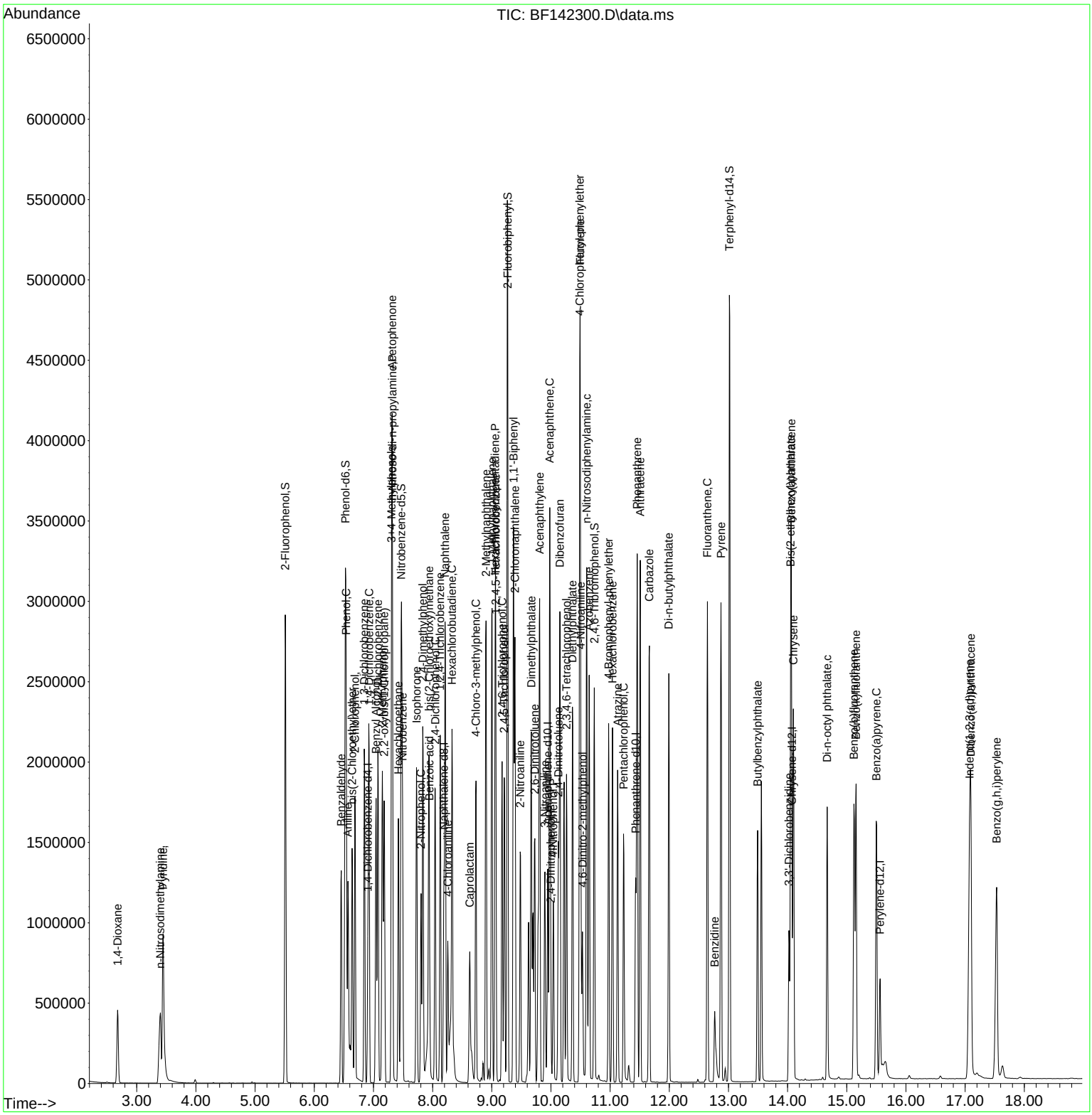
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Data File : BF142300.D
Acq On : 05 May 2025 16:18
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

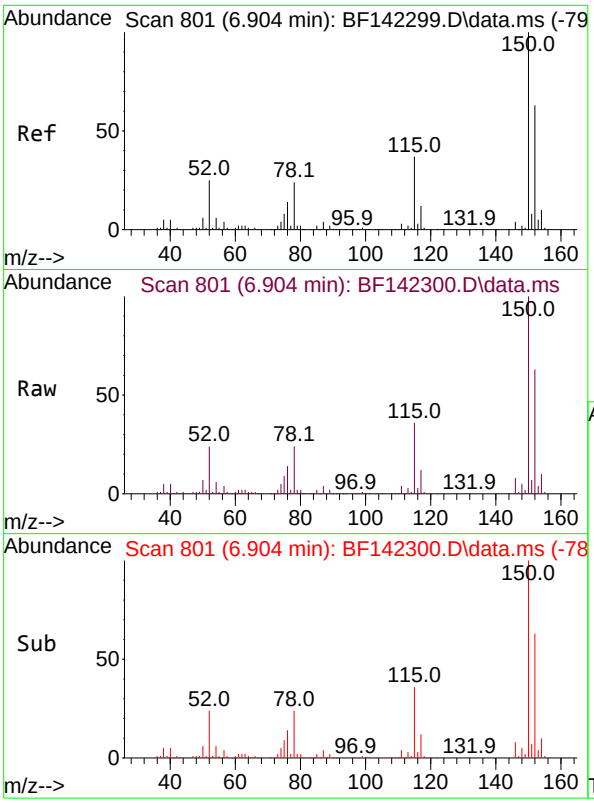
Quant Time: May 05 18:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

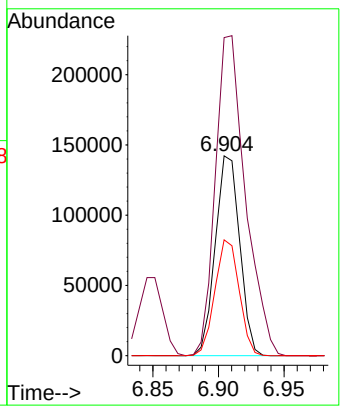




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:152 Resp: 18414

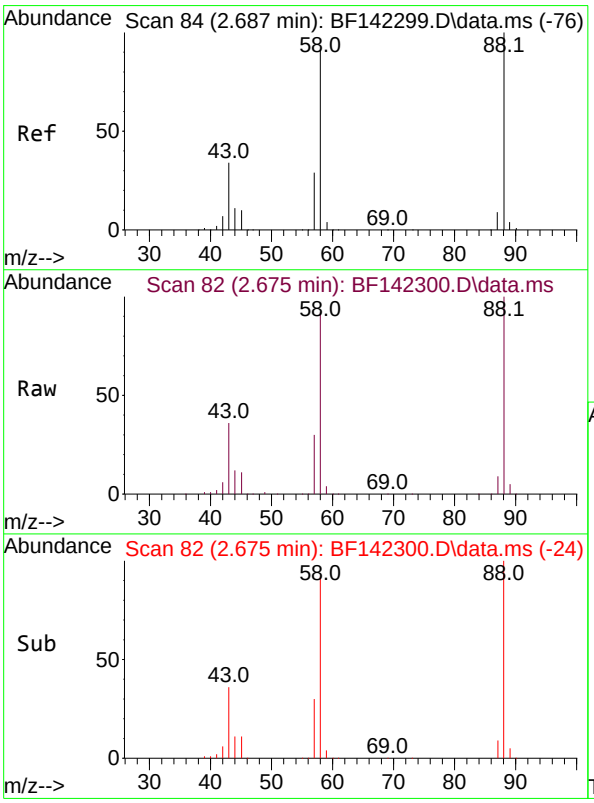
Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	190.0
115	57.9	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

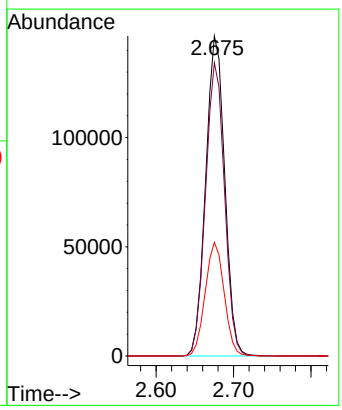
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

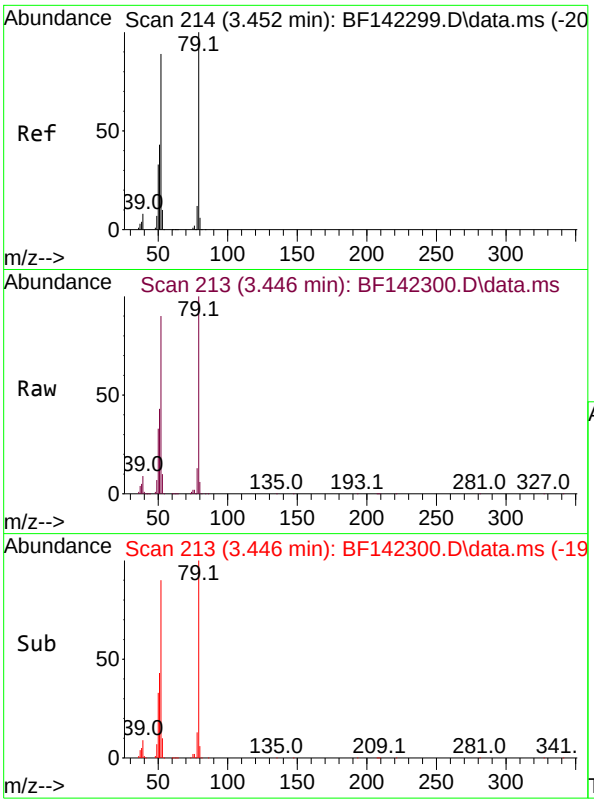


#2
1,4-Dioxane
Concen: 51.492 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.012 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 88 Resp: 250125

Ion	Ratio	Lower	Upper
88	100		
58	91.4	73.0	109.4
43	35.4	27.8	41.6

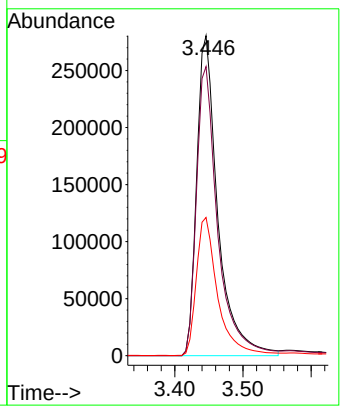




#3
Pyridine
Concen: 52.856 ng
RT: 3.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 79 Resp: 60372

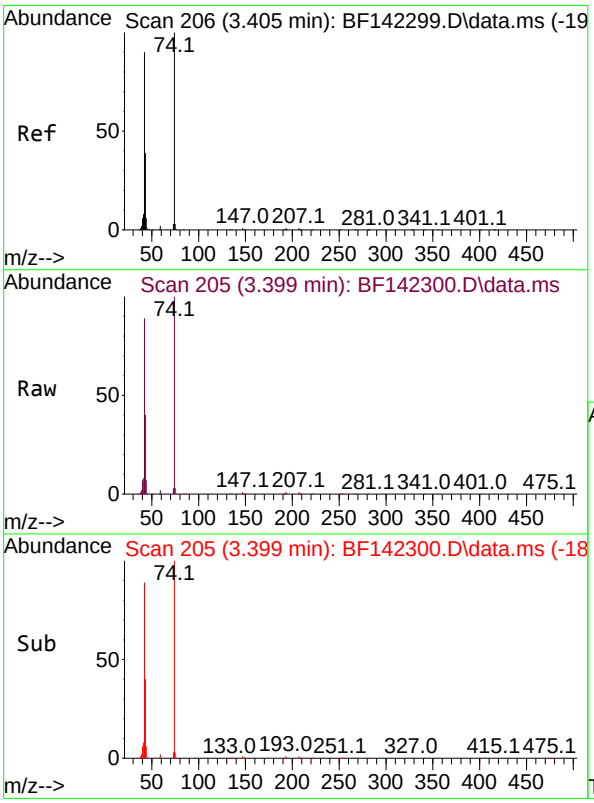
Ion	Ratio	Lower	Upper
79	100		
52	90.4	71.0	106.4
51	43.2	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

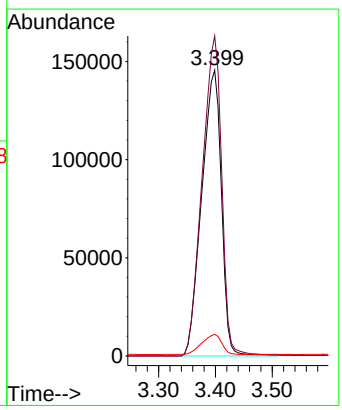
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

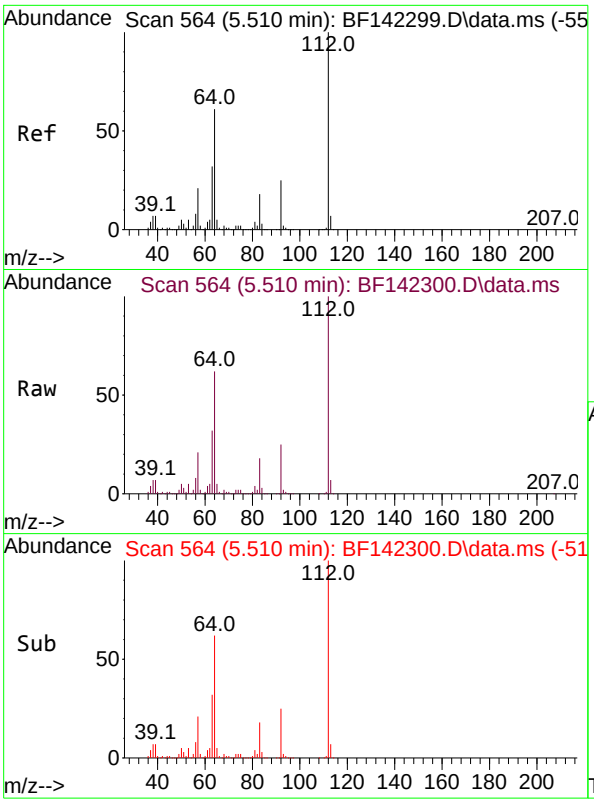


#4
n-Nitrosodimethylamine
Concen: 52.710 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 42 Resp: 349382

Ion	Ratio	Lower	Upper
42	100		
74	112.0	88.5	132.7
44	7.5	5.8	8.8

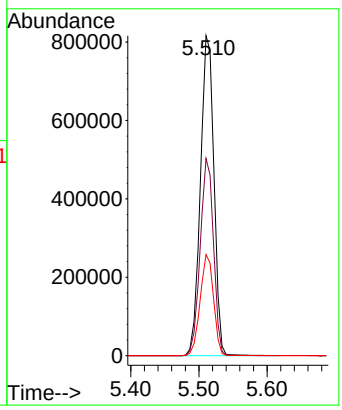




#5
2-Fluorophenol
Concen: 104.504 ng
RT: 5.510 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:112 Resp: 112727

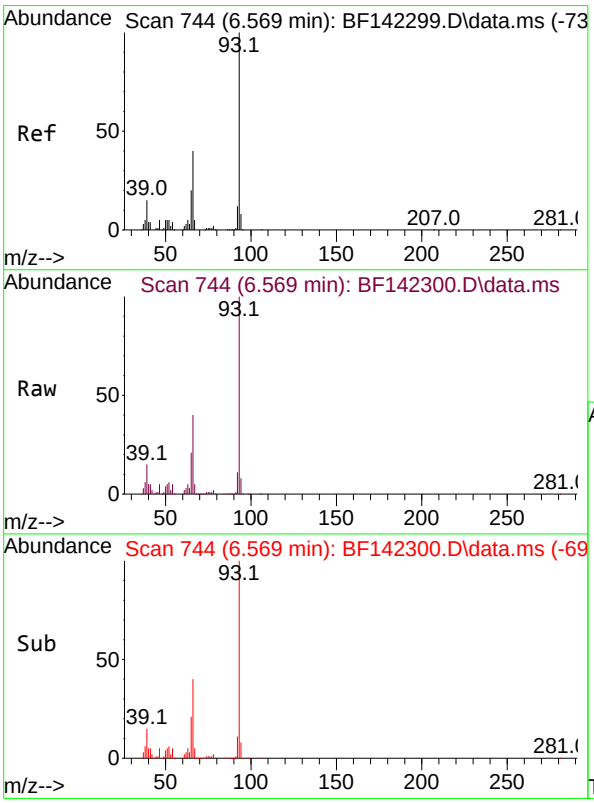
Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.9	73.3
63	31.6	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

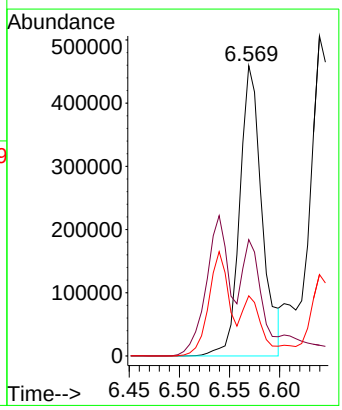
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

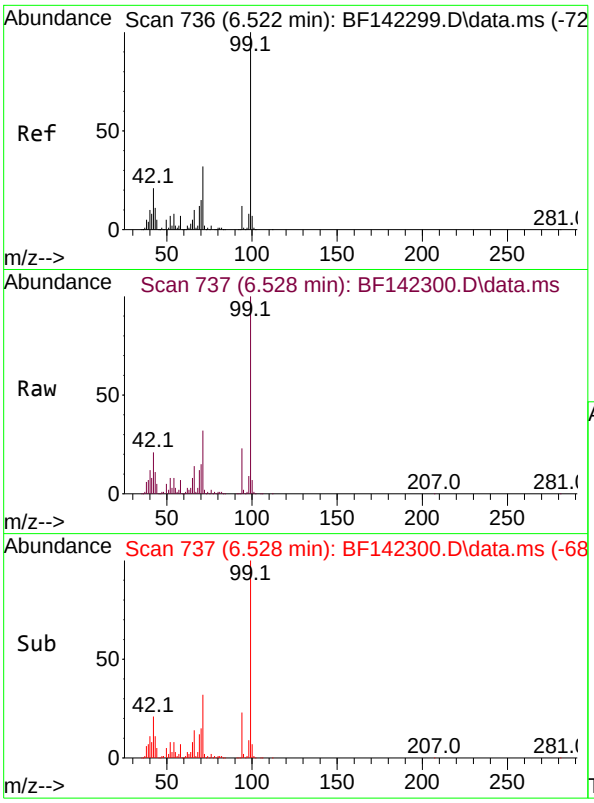


#6
Aniline
Concen: 54.590 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 93 Resp: 710390

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.2	48.4
65	20.7	16.3	24.5

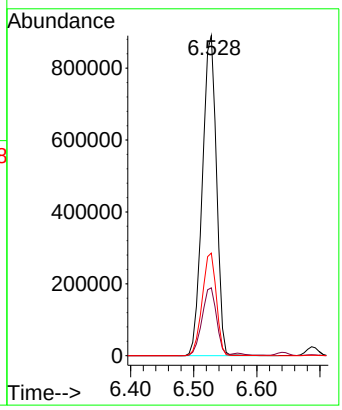




#7
Phenol-d6
Concen: 104.071 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 99 Resp: 138072

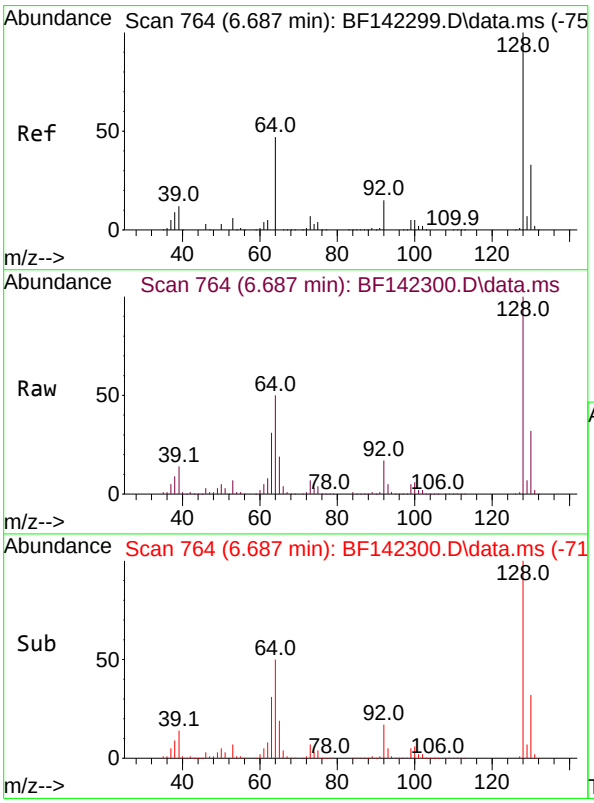
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	32.1	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

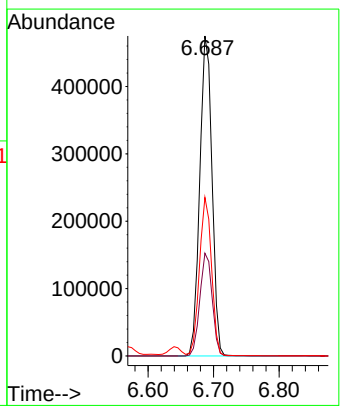
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

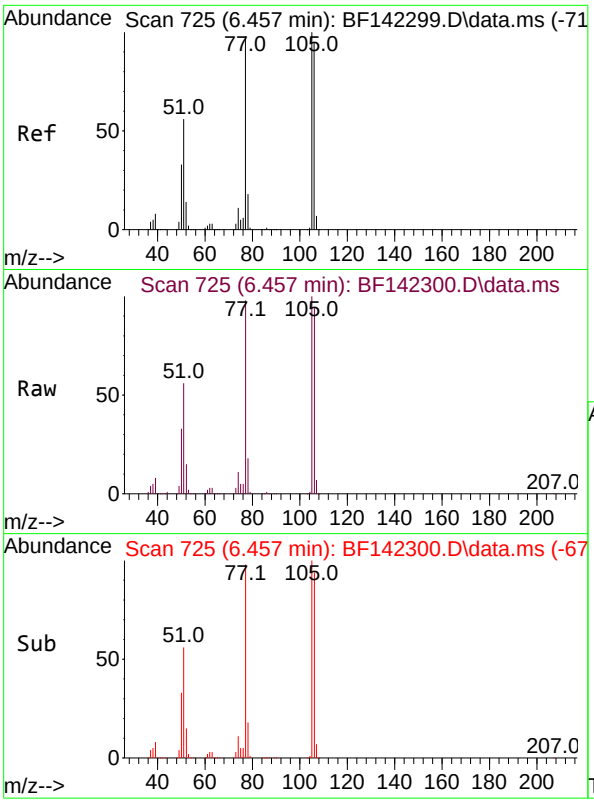


#8
2-Chlorophenol
Concen: 53.769 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:128 Resp: 619795

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.7	52.7
64	49.6	29.2	69.2

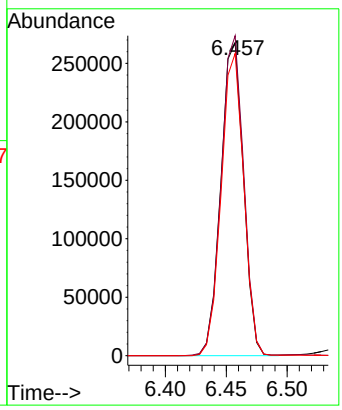




#9
Benzaldehyde
Concen: 44.591 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 34624

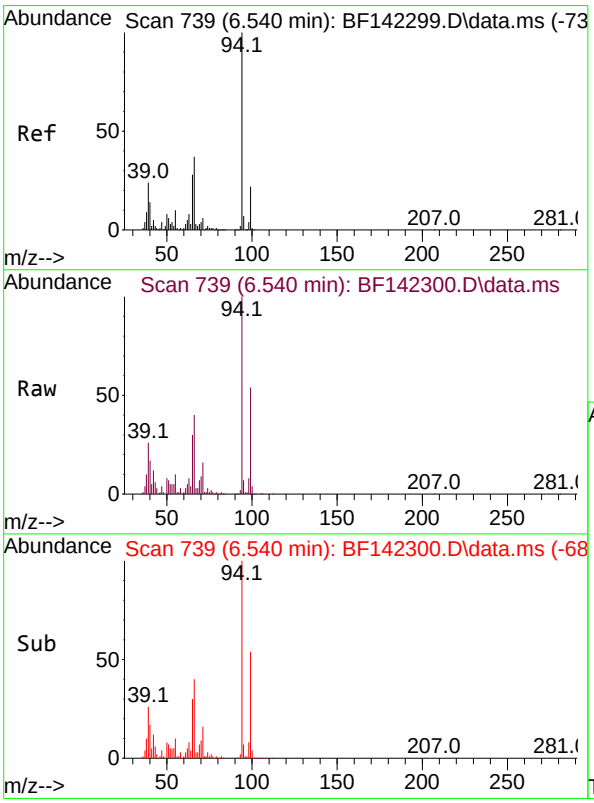
Ion	Ratio	Lower	Upper
77	100		
105	102.3	82.0	122.0
106	96.6	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

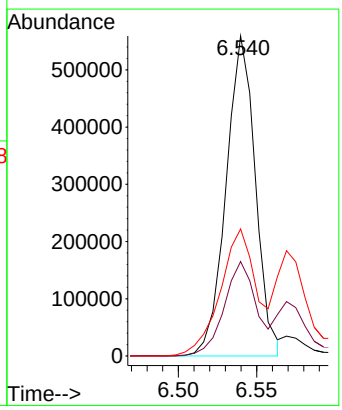
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

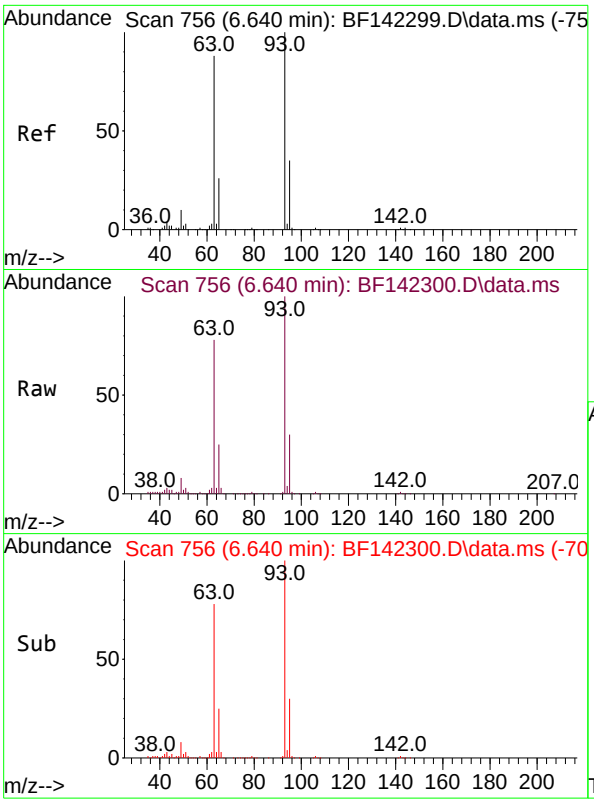


#10
Phenol
Concen: 51.714 ng m
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 94 Resp: 727274

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.5	48.5
66	39.7	17.3	57.3

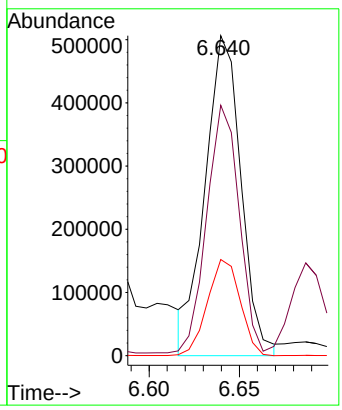




#11
bis(2-Chloroethyl)ether
Concen: 50.339 ng m
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 93 Resp: 69811

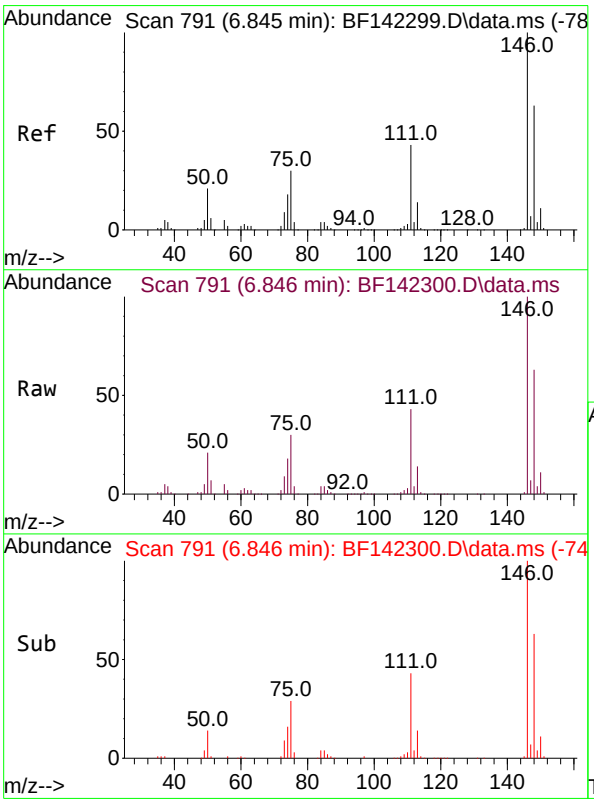
Ion	Ratio	Lower	Upper
93	100		
63	78.3	58.4	98.4
95	30.1	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

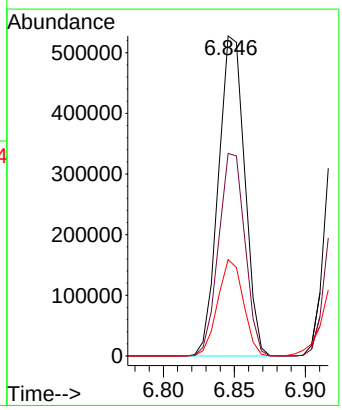
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

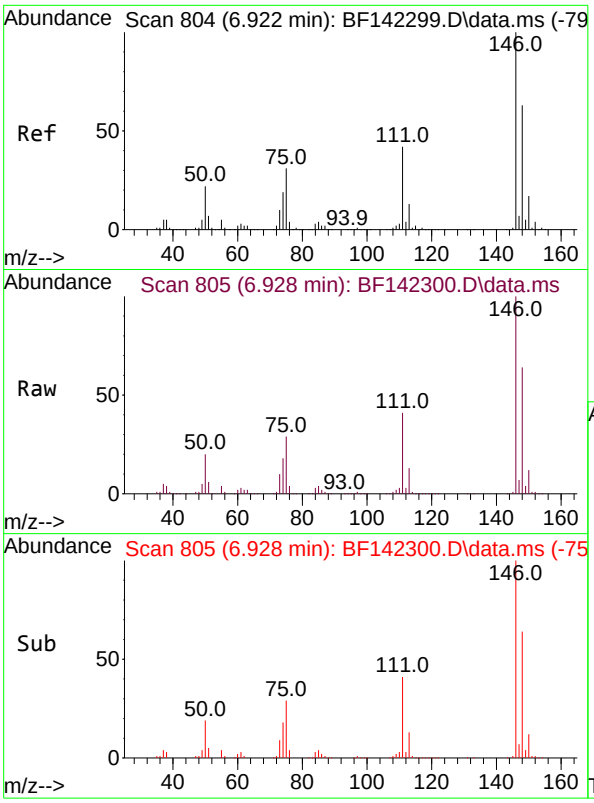


#12
1,3-Dichlorobenzene
Concen: 51.563 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:146 Resp: 679991

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	30.1	24.2	36.4

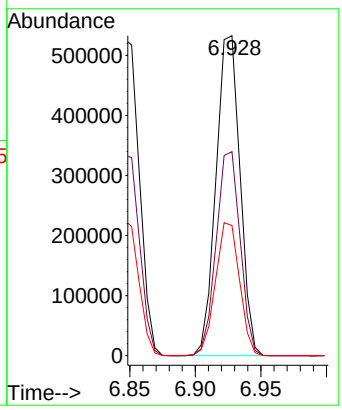




#13
1,4-Dichlorobenzene
Concen: 51.307 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:146 Resp: 67935

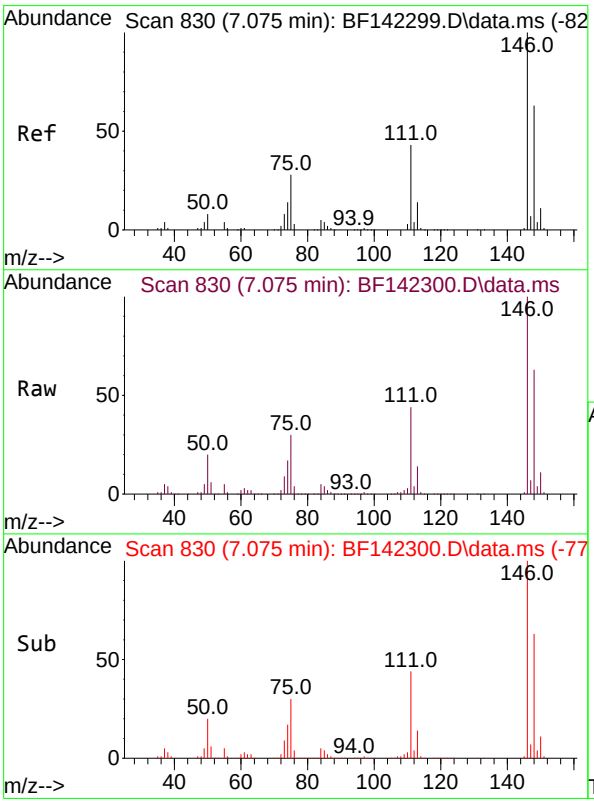
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	40.7	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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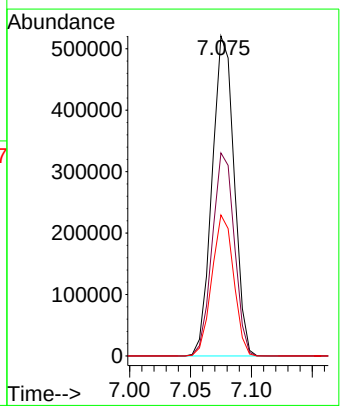
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

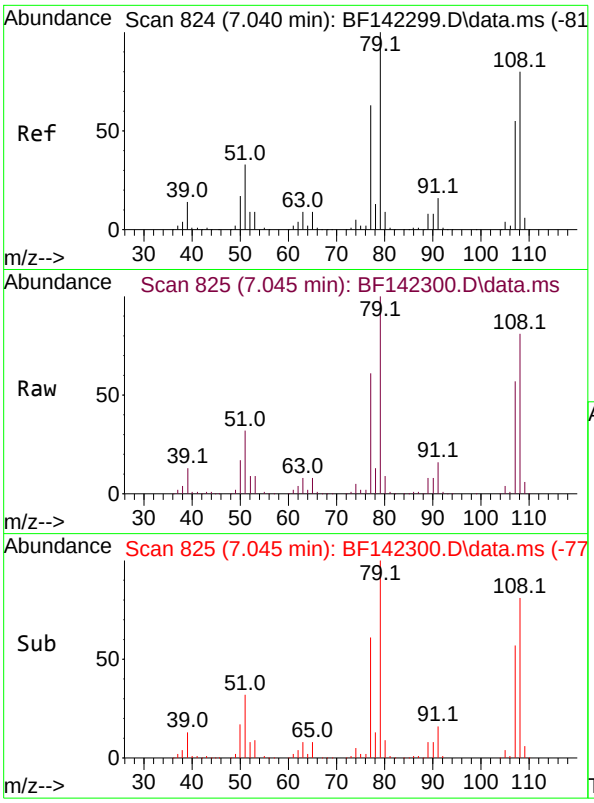


#14
1,2-Dichlorobenzene
Concen: 51.578 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:146 Resp: 655534

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	44.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 55.210 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

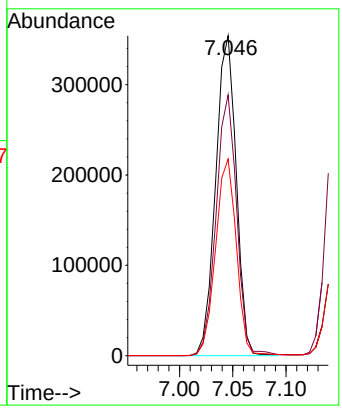
Tgt Ion: 79 Resp: 47430

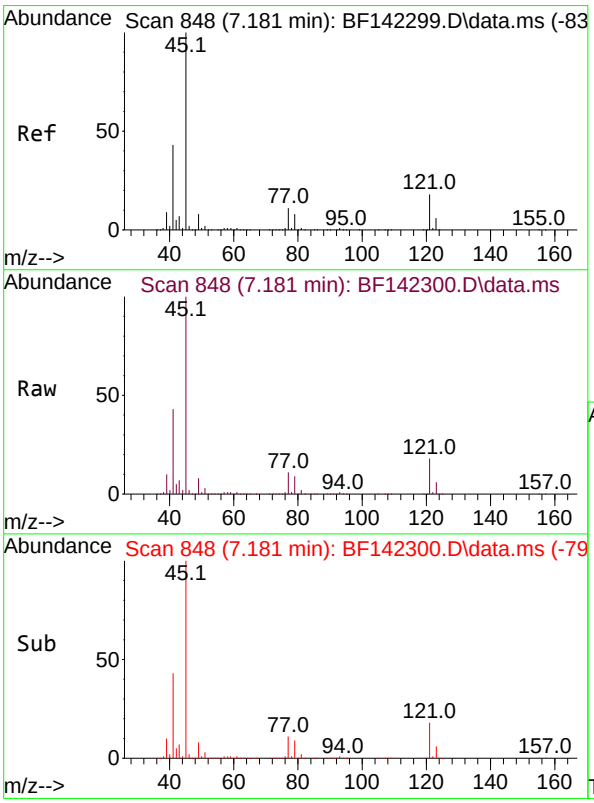
Ion	Ratio	Lower	Upper
79	100		
108	81.5	63.9	95.9
77	61.4	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

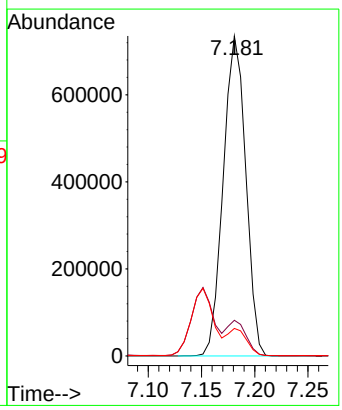


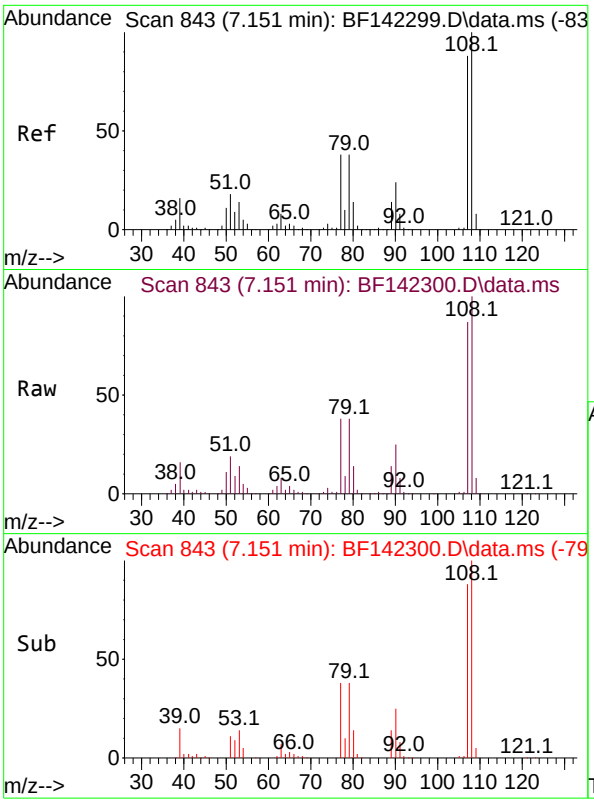


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.026 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 45 Resp: 1077461

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.6	0.0	28.5

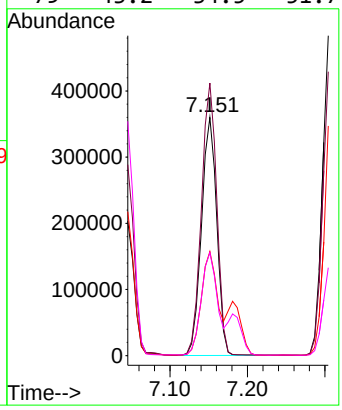




#17
2-Methylphenol
Concen: 52.792 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:107 Resp: 49267

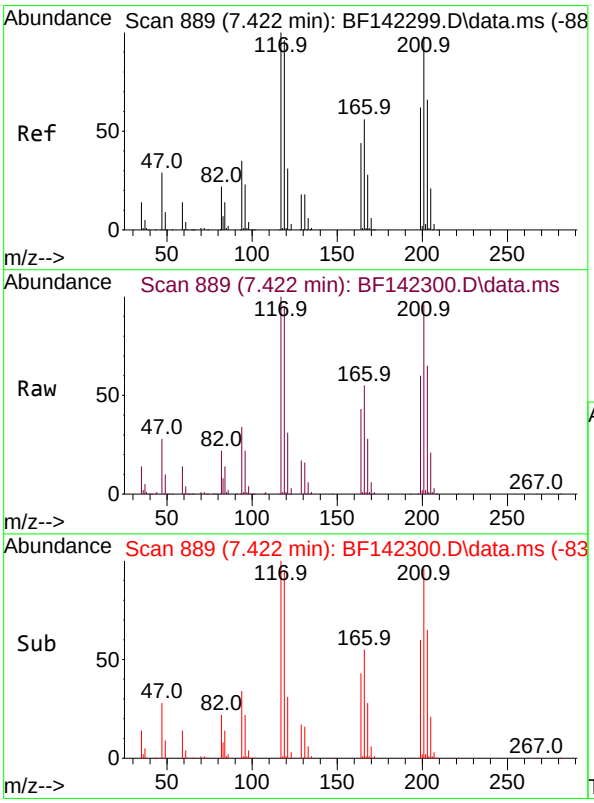
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	43.7	34.7	52.1
79	43.2	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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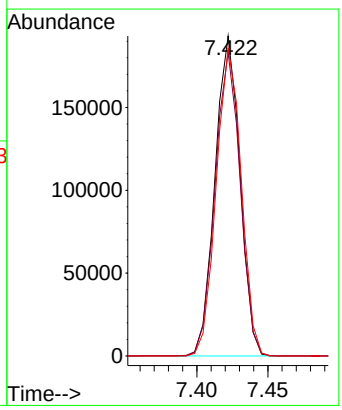
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

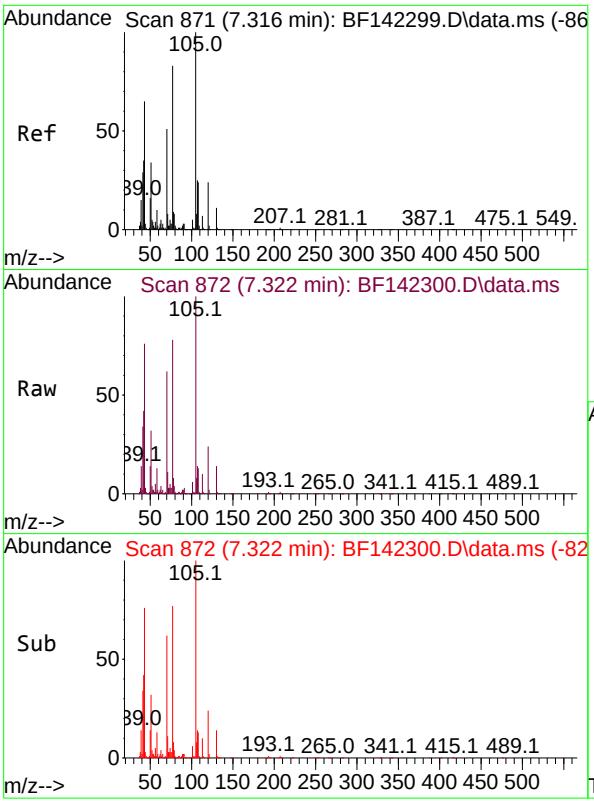


#18
Hexachloroethane
Concen: 53.439 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:117 Resp: 235428

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
201	96.2	78.0	117.0

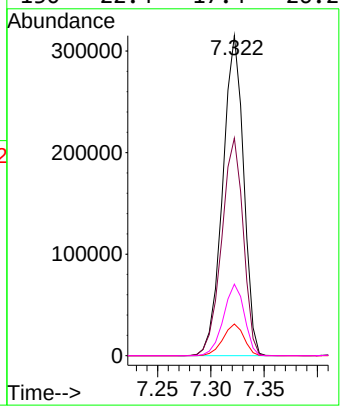




#19
n-Nitroso-di-n-propylamine
Concen: 52.324 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 70 Resp: 42940

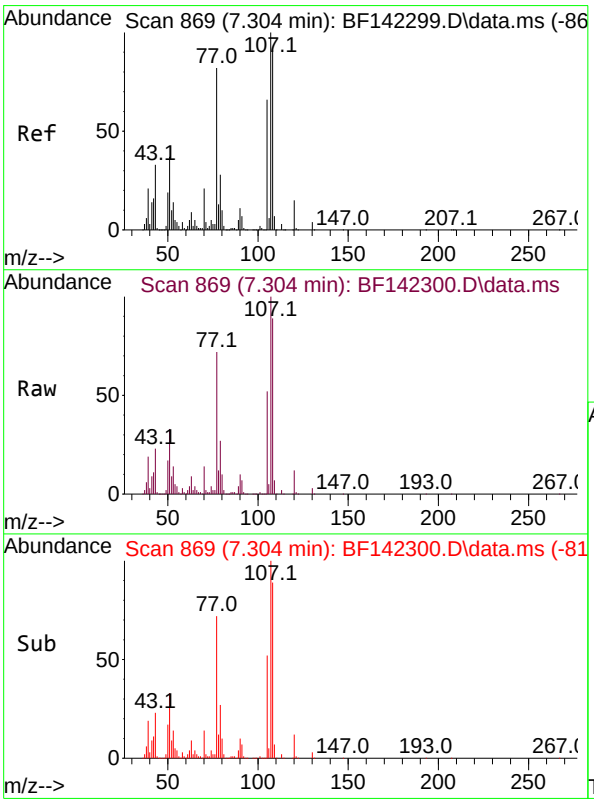
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.8	82.2
101	9.9	7.7	11.5
130	22.4	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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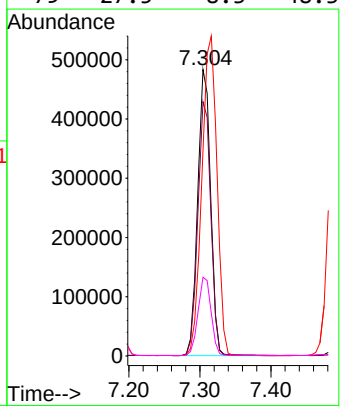
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

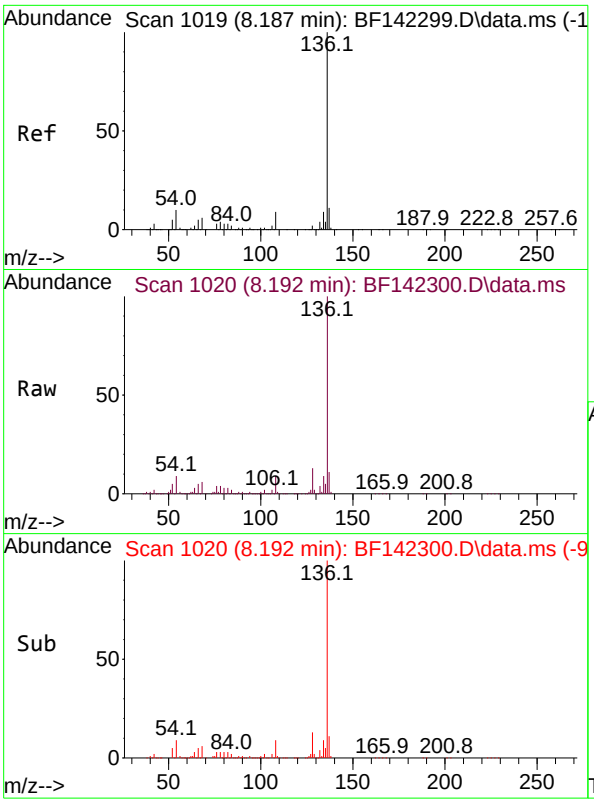


#20
3+4-Methylphenols
Concen: 52.680 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:107 Resp: 613574

Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.5	111.5
77	71.8	61.6	101.6
79	27.5	8.3	48.3

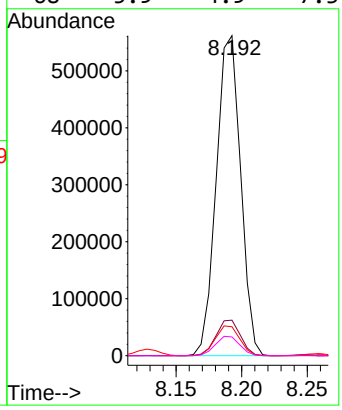




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:136 Resp: 72543

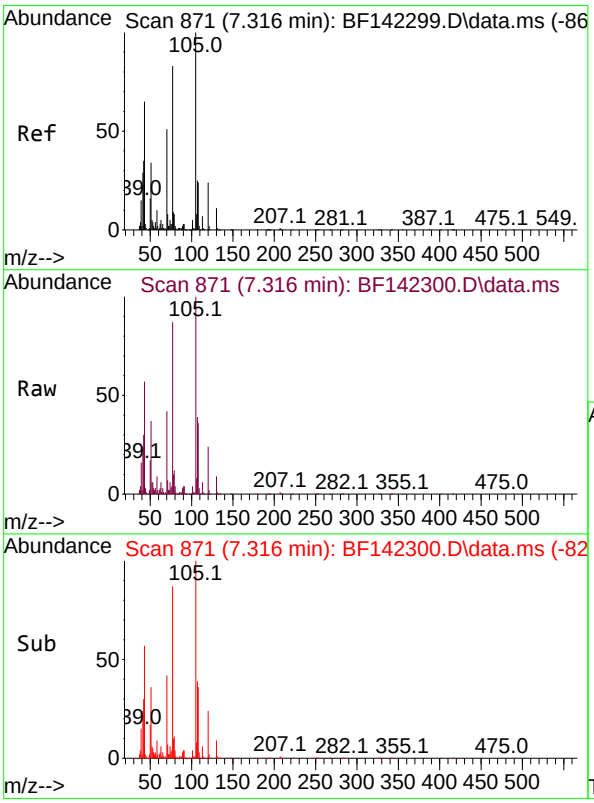
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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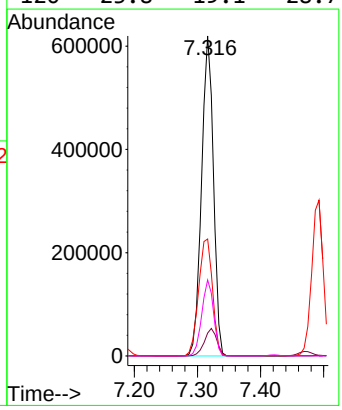
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

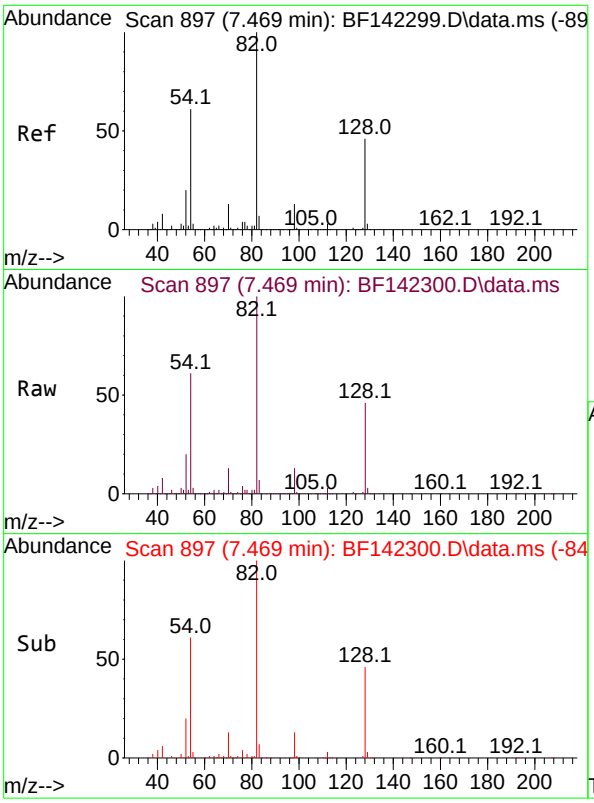


#22
Acetophenone
Concen: 50.190 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:105 Resp: 809554

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.7	10.1
51	36.5	27.6	41.4
120	23.8	19.1	28.7





#23
Nitrobenzene-d5
Concen: 109.825 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

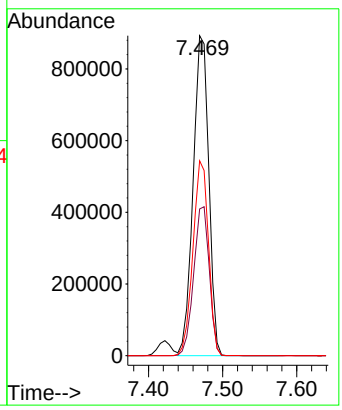
Tgt Ion: 82 Resp: 130635

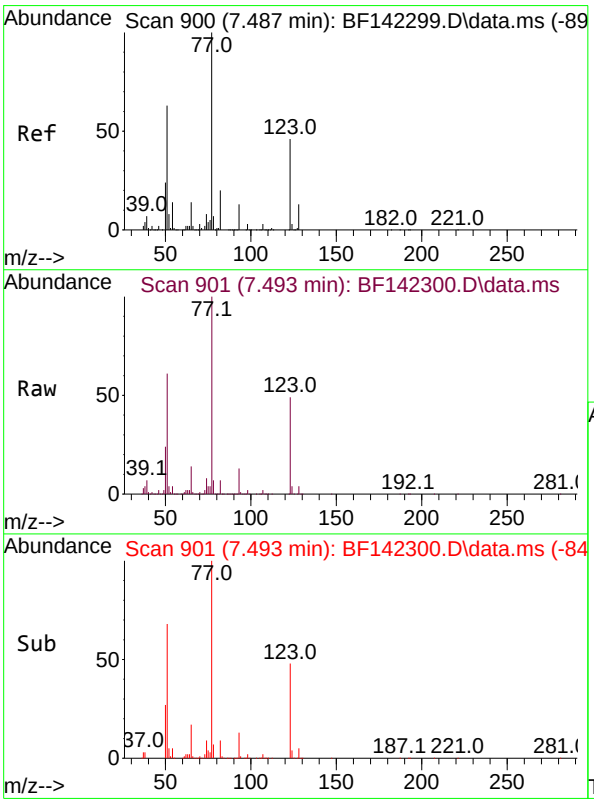
Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.6
54	60.9	48.6	73.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

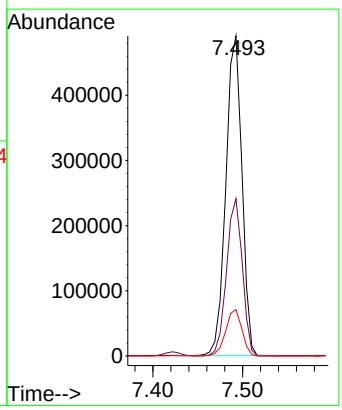


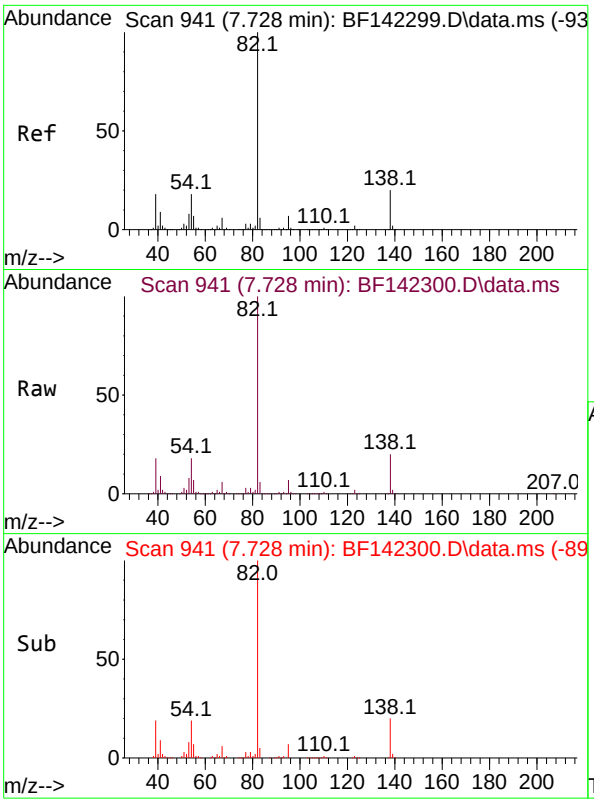


#24
Nitrobenzene
Concen: 54.450 ng
RT: 7.493 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 610521

Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.8	56.8
65	14.5	11.4	17.0





#25
Isophorone
Concen: 52.193 ng
RT: 7.728 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

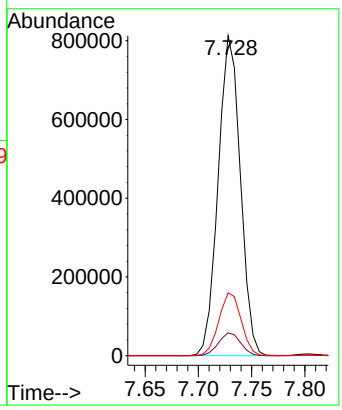
Tgt Ion: 82 Resp: 117563

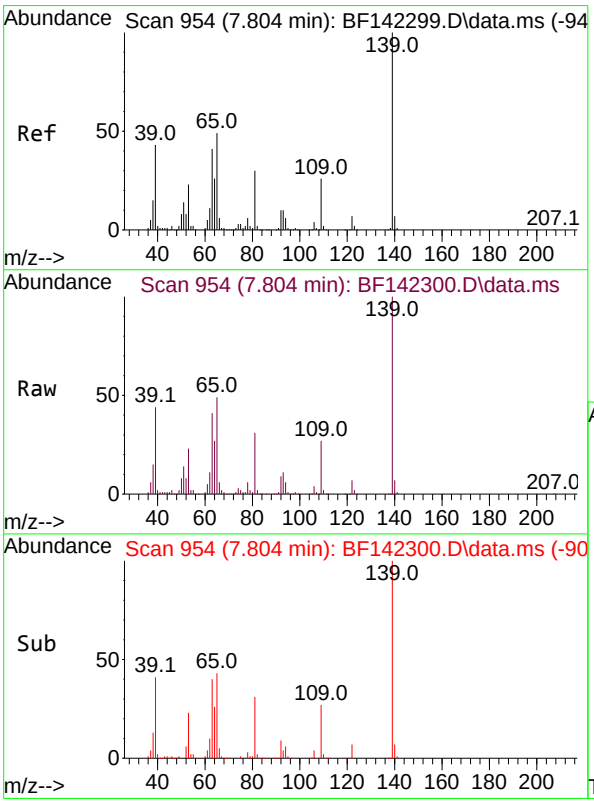
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.7	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

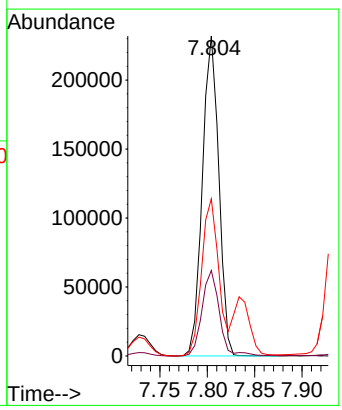


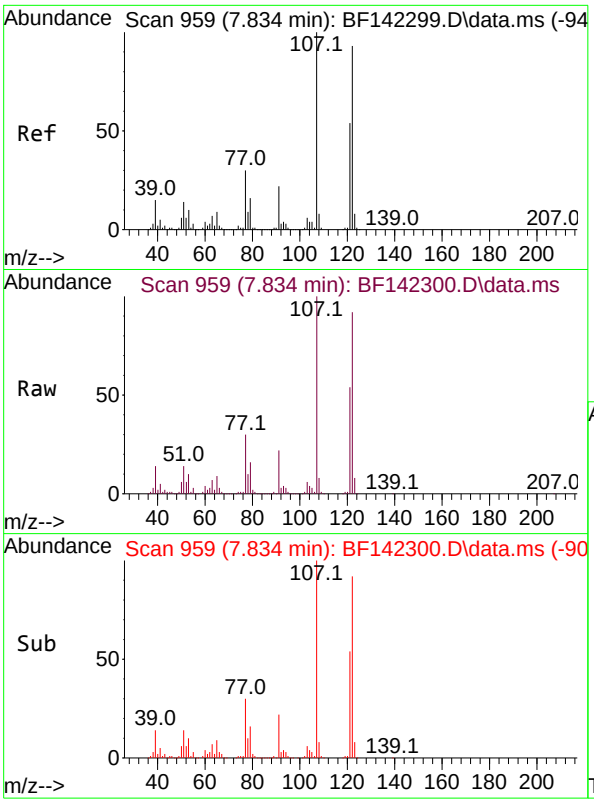


#26
2-Nitrophenol
Concen: 51.463 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:139 Resp: 279873

Ion	Ratio	Lower	Upper
139	100		
109	26.7	20.8	31.2
65	49.1	38.9	58.3

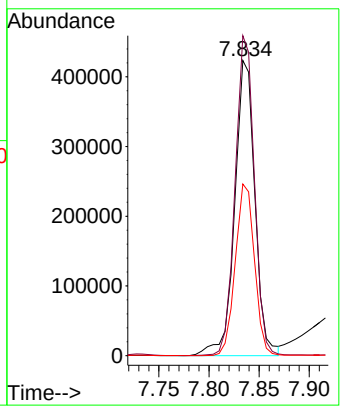




#27
2,4-Dimethylphenol
Concen: 52.647 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:122 Resp: 59621

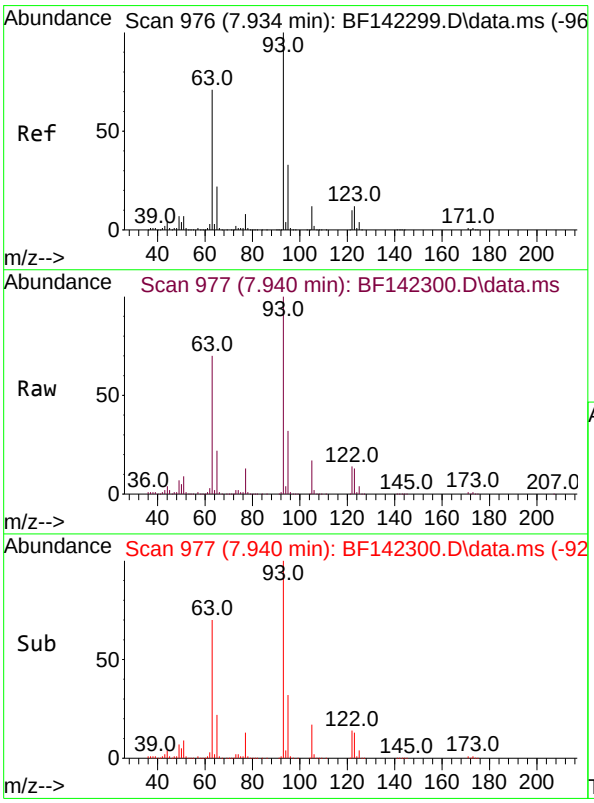
Ion	Ratio	Lower	Upper
122	100		
107	108.4	86.0	129.0
121	58.2	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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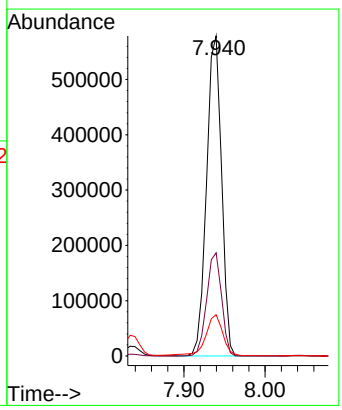
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

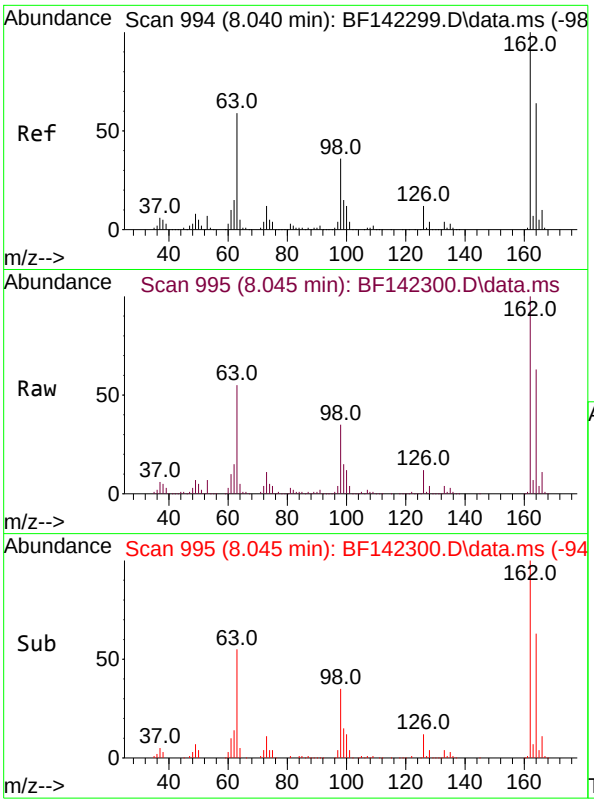


#28
bis(2-Chloroethoxy)methane
Concen: 51.070 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 93 Resp: 739692

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	12.9	10.2	15.4

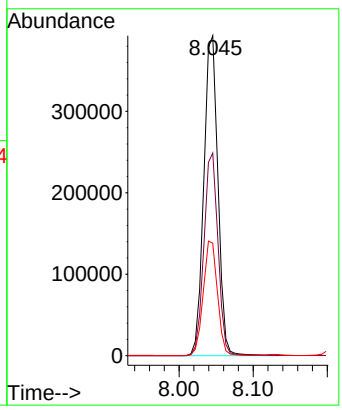




#29
2,4-Dichlorophenol
Concen: 54.183 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:162 Resp: 52167

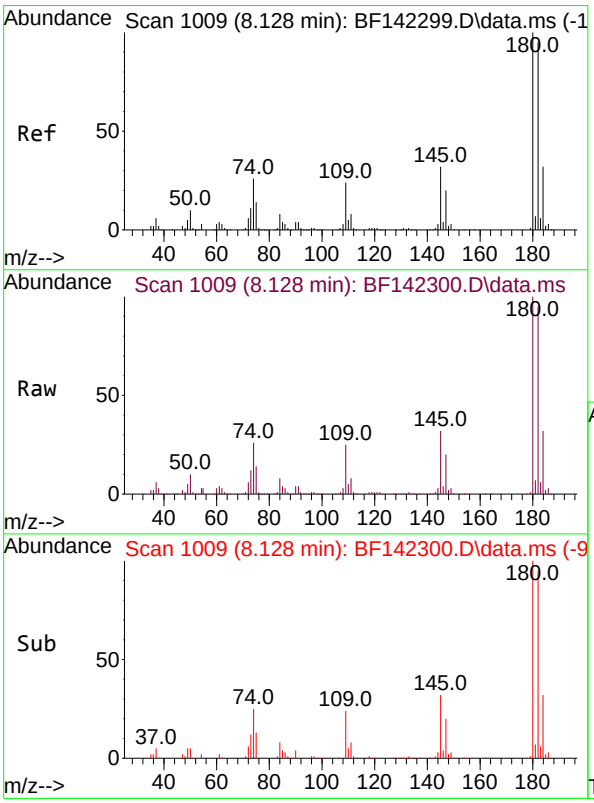
Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	35.1	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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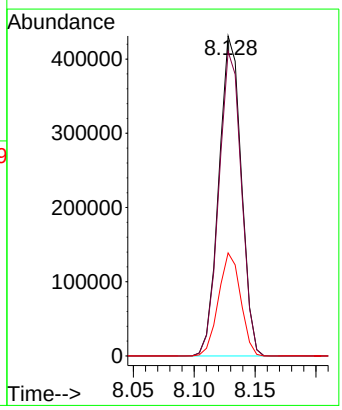
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

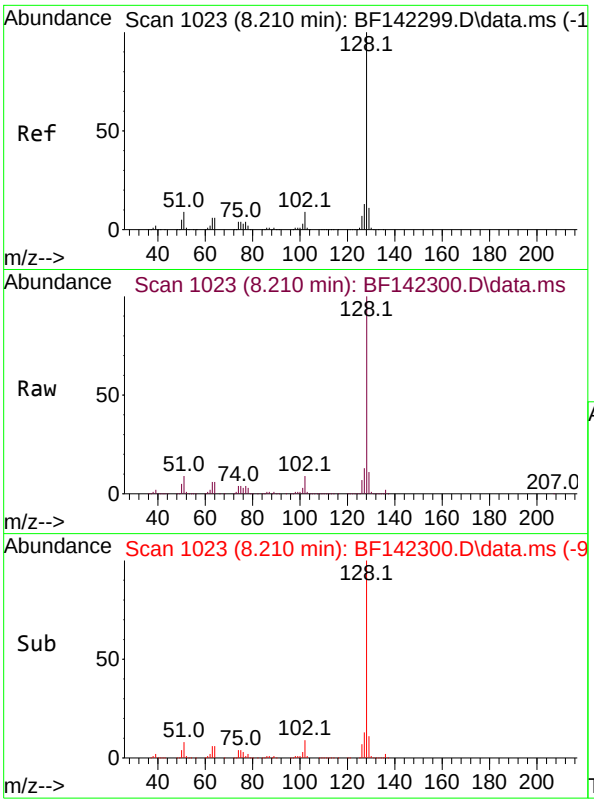


#30
1,2,4-Trichlorobenzene
Concen: 50.849 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:180 Resp: 550979

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.4
145	32.2	25.8	38.6

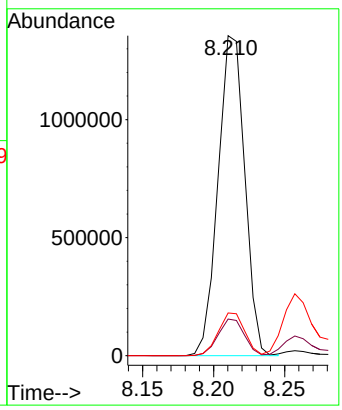




#31
Naphthalene
Concen: 50.454 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:128 Resp: 177388

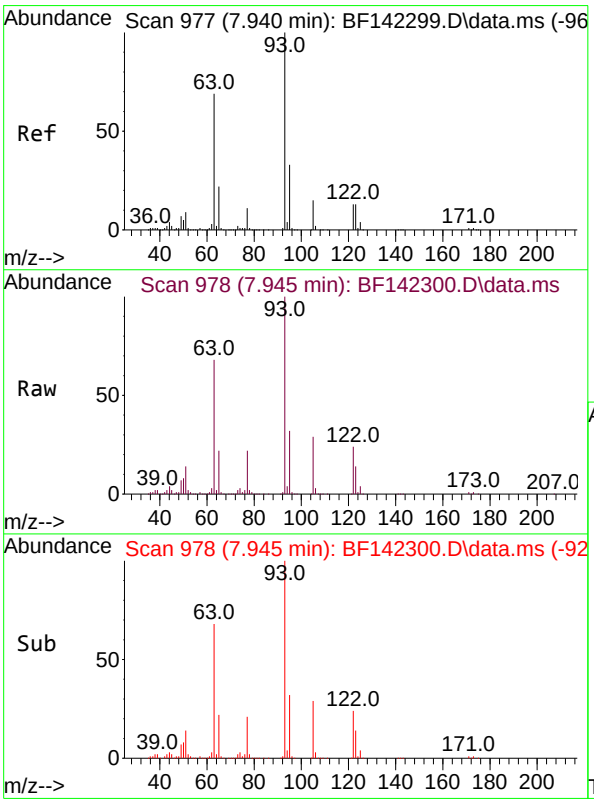
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.3	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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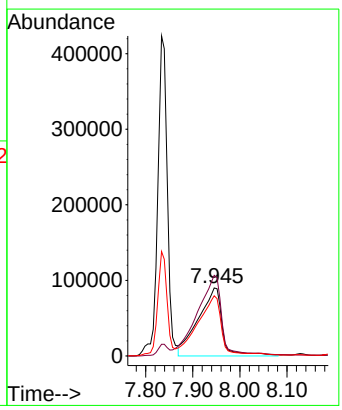
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

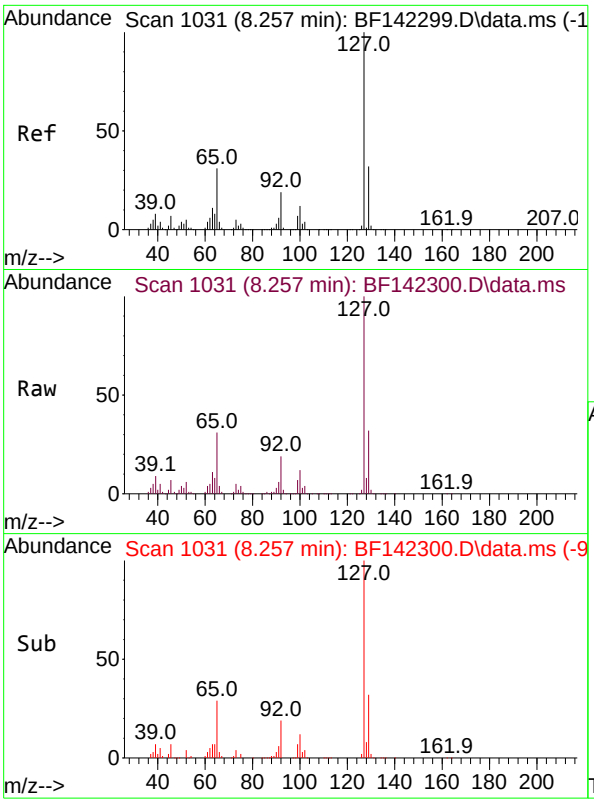


#32
Benzoic acid
Concen: 51.963 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:122 Resp: 322603

Ion	Ratio	Lower	Upper
122	100		
105	118.6	97.9	137.9
77	88.5	67.7	107.7

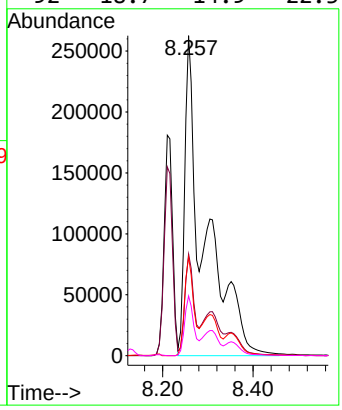




#33
4-Chloroaniline
Concen: 55.118 ng m
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:127 Resp: 78932

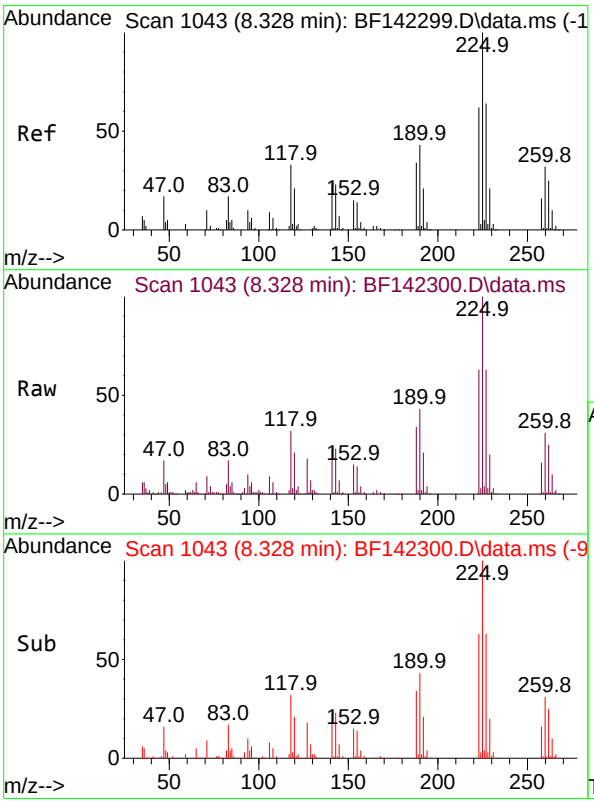
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	30.9	24.9	37.3
92	18.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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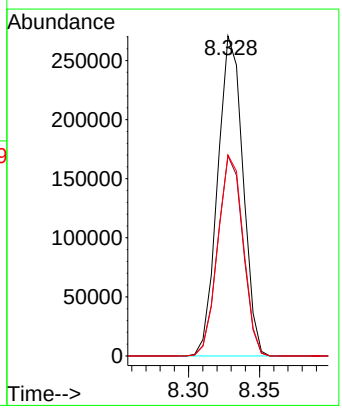
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

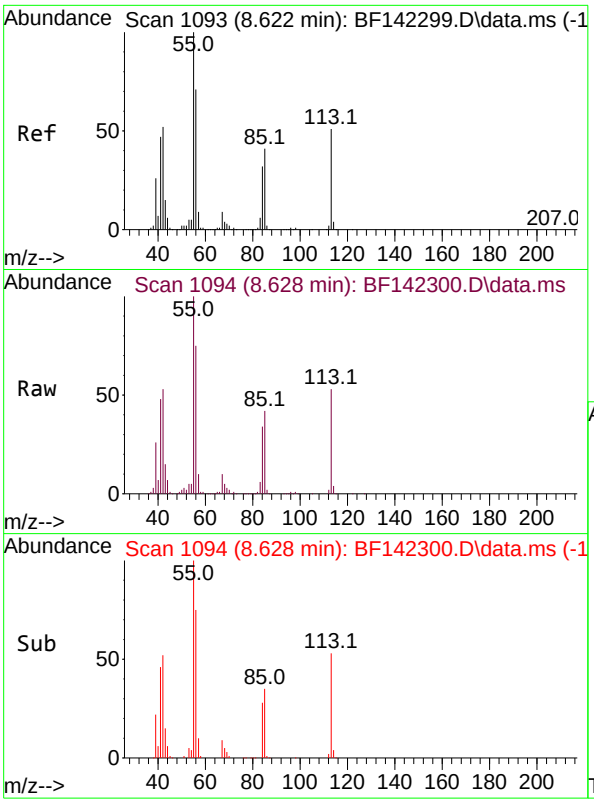


#34
Hexachlorobutadiene
Concen: 52.244 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:225 Resp: 335206

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	62.8	50.9	76.3





#35
Caprolactam
Concen: 57.291 ng
RT: 8.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

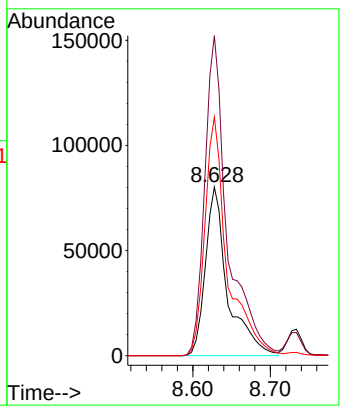
Tgt Ion:113 Resp: 16042

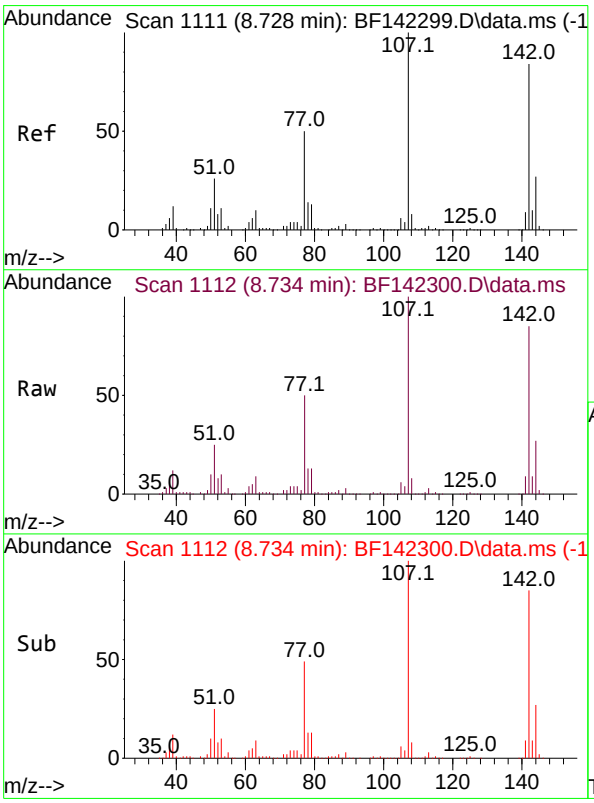
Ion	Ratio	Lower	Upper
113	100		
55	189.7	176.4	216.4
56	141.4	120.3	160.3

Instrument :
BNA_F
ClientSampleId :
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Supervised By :Jagrut Upadhyay 05/06/2025

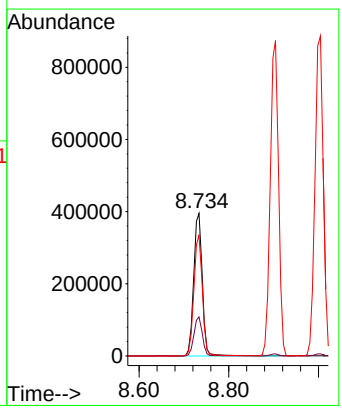


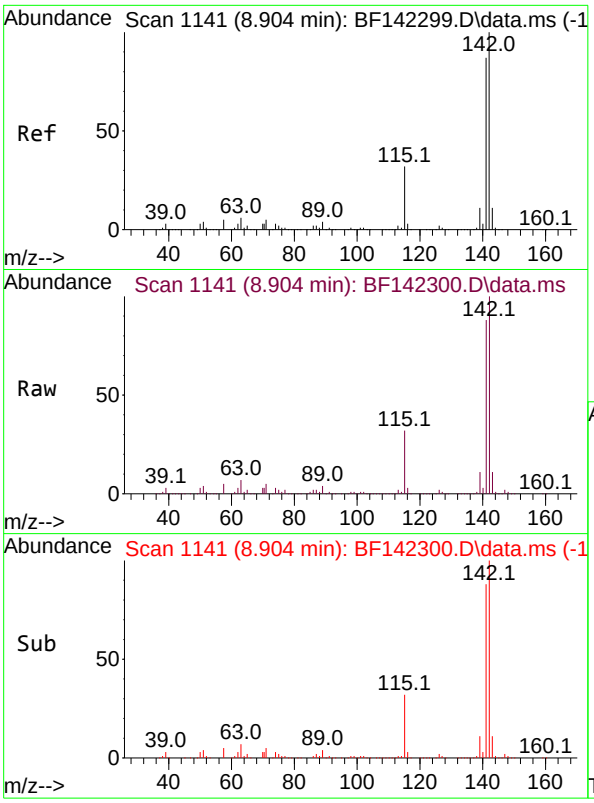


#36
4-Chloro-3-methylphenol
Concen: 52.584 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:107 Resp: 526289

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.3	31.9
142	84.6	66.9	100.3





#37
2-Methylnaphthalene
Concen: 51.036 ng
RT: 8.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

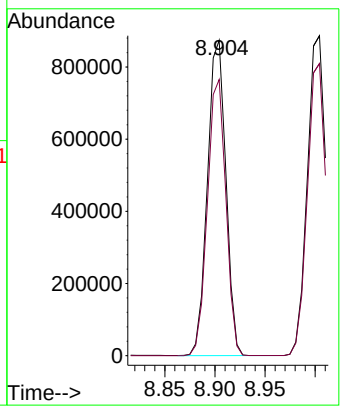
Tgt Ion:142 Resp: 111498

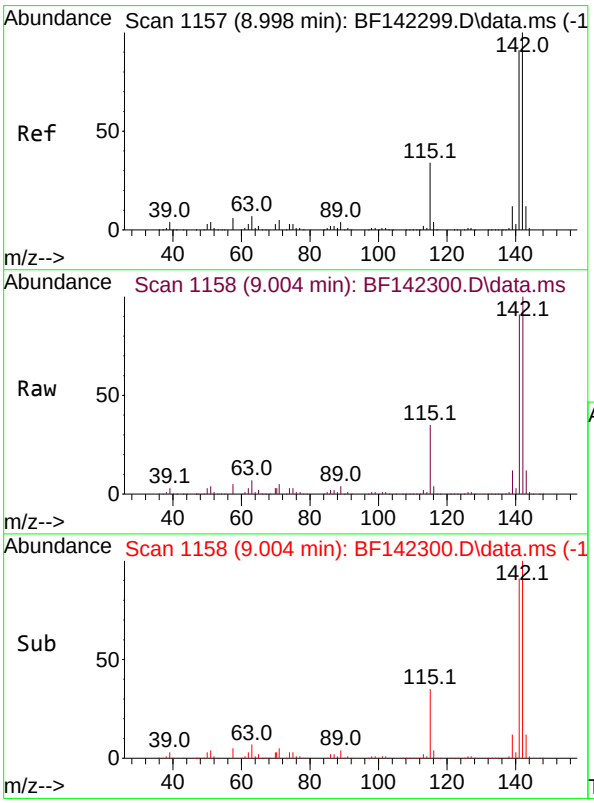
Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

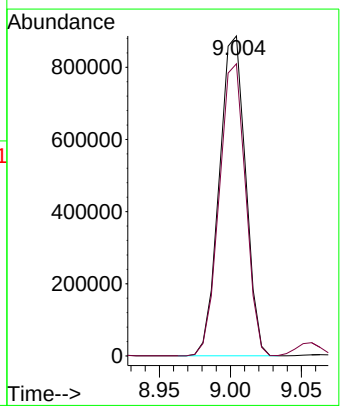


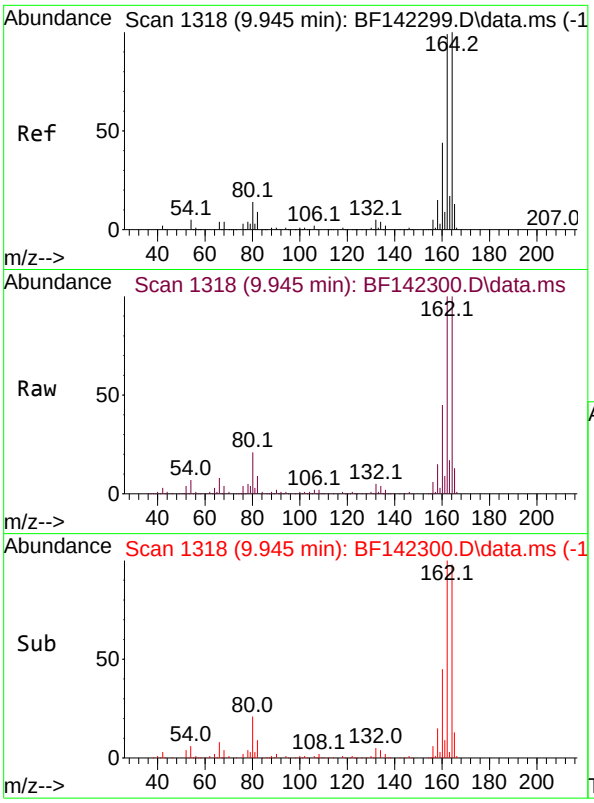


#38
1-Methylnaphthalene
Concen: 50.158 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:142 Resp: 1142120

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7

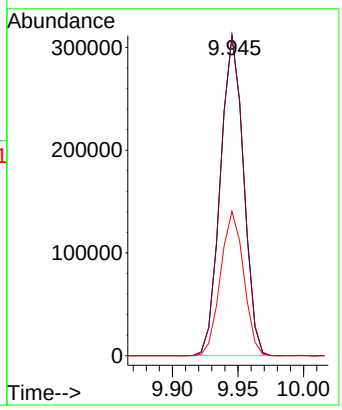




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:164 Resp: 38158

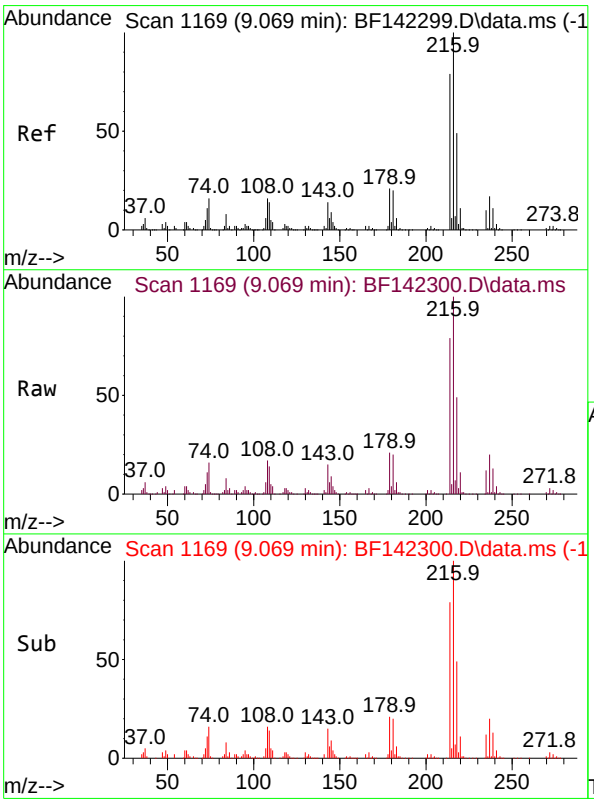
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	45.1	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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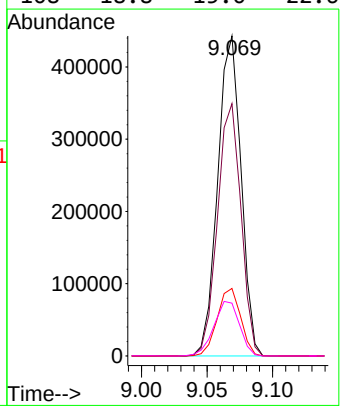
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

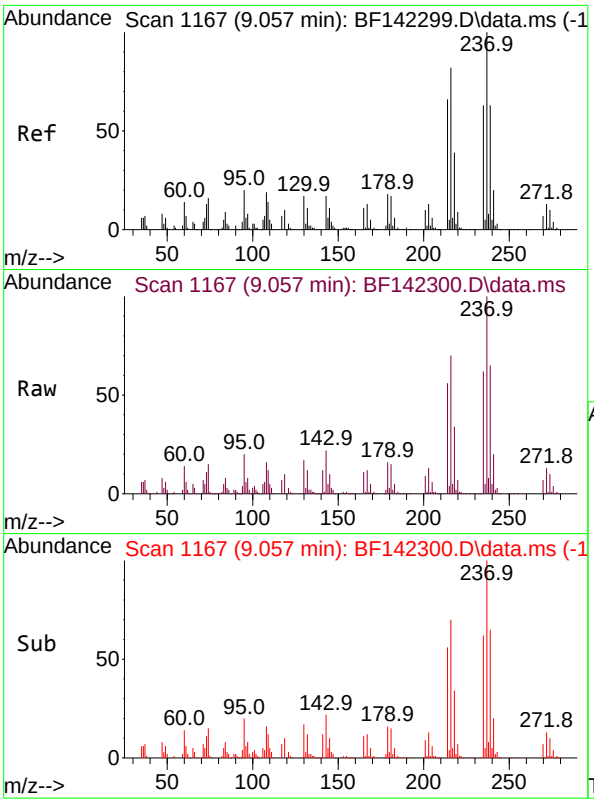


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.375 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:216 Resp: 547513

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	21.2	17.0	25.6
108	18.8	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 56.140 ng
RT: 9.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

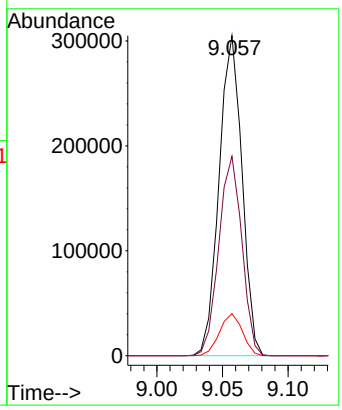
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

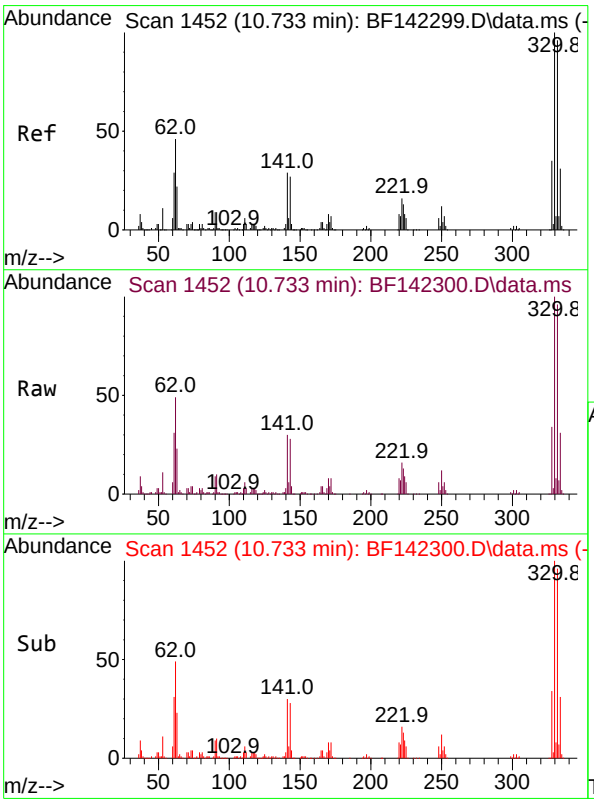
Tgt Ion:237 Resp: 36976

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.8	82.8
272	13.2	0.0	33.0

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Reviewed By :Rahul Chavli 05/06/2025
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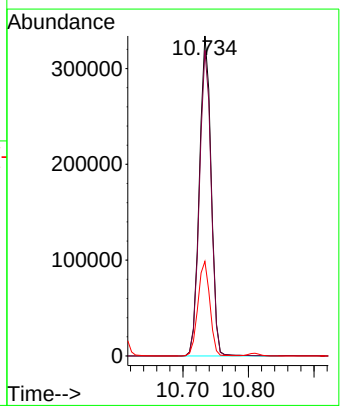


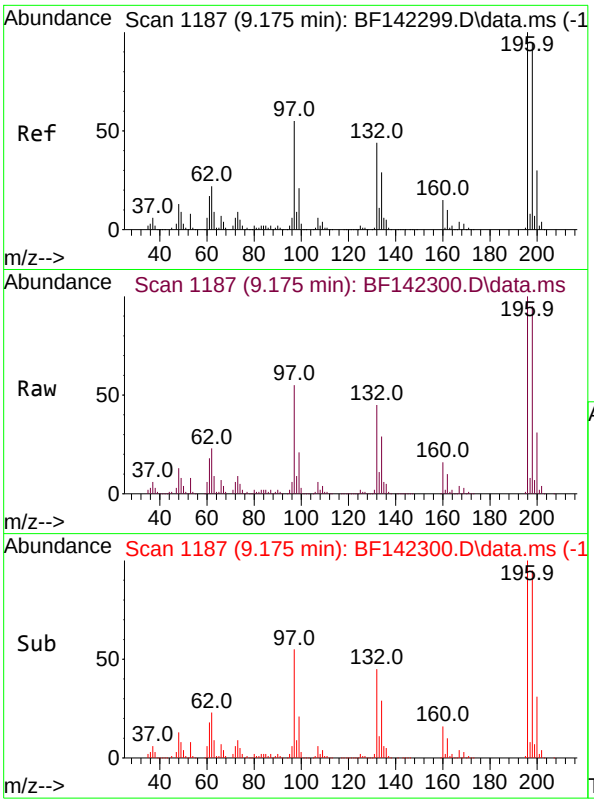


#42
2,4,6-Tribromophenol
Concen: 113.025 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:330 Resp: 416395

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	30.1	24.9	37.3

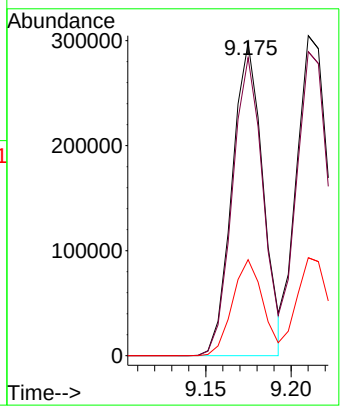




#43
2,4,6-Trichlorophenol
Concen: 55.803 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:196 Resp: 37512

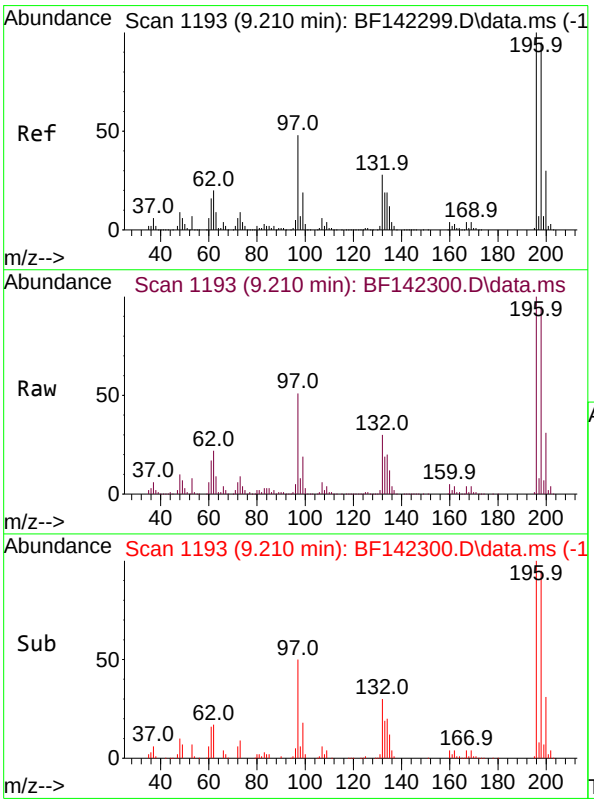
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.7	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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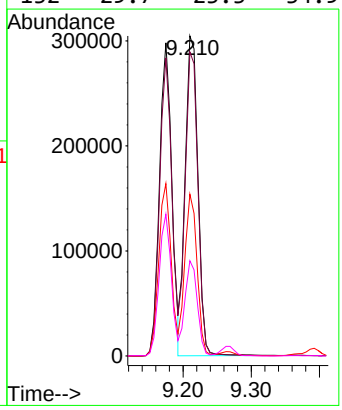
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

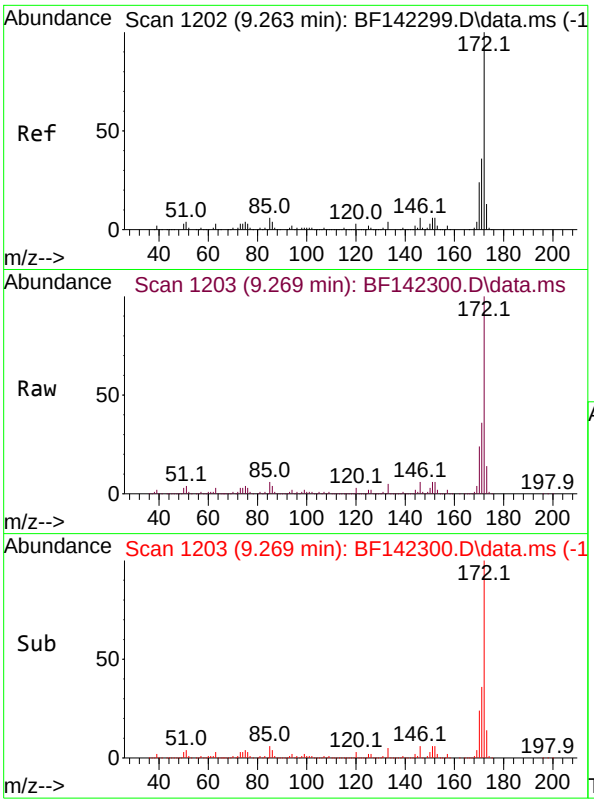


#44
2,4,5-Trichlorophenol
Concen: 55.134 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:196 Resp: 394344

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.1	114.1
97	50.5	39.0	58.4
132	29.7	23.3	34.9

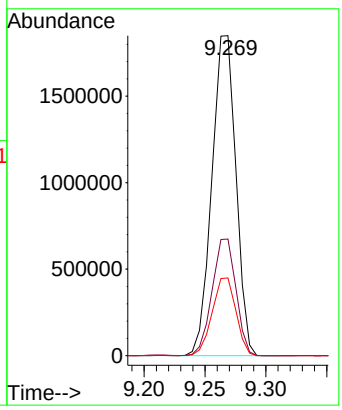




#45
2-Fluorobiphenyl
Concen: 95.292 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:172 Resp: 255013

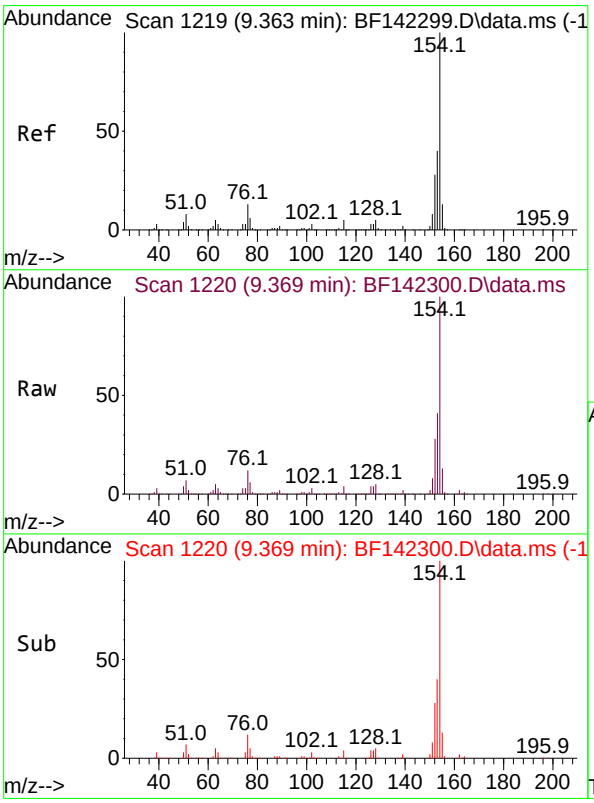
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.3	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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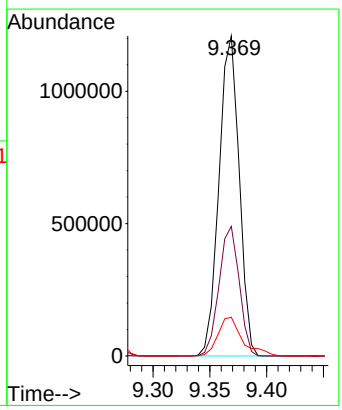
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

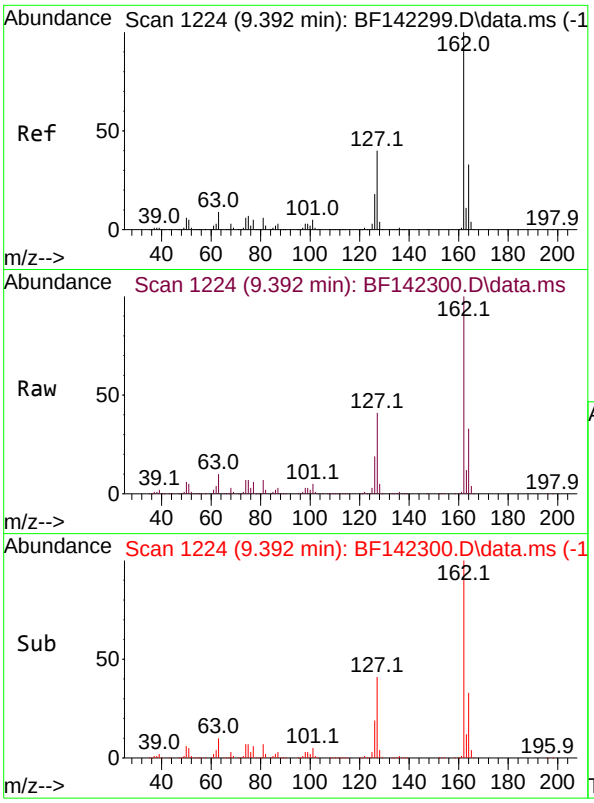


#46
1,1'-Biphenyl
Concen: 51.084 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:154 Resp: 1494596

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.1	0.0	32.8





#47
2-Chloronaphthalene
Concen: 50.645 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

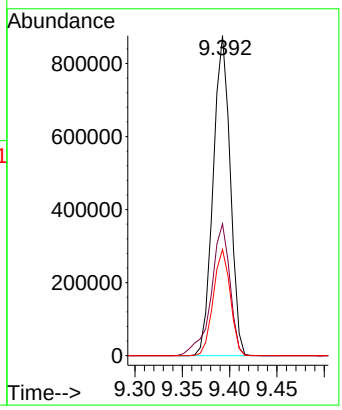
Tgt Ion:162 Resp: 110193

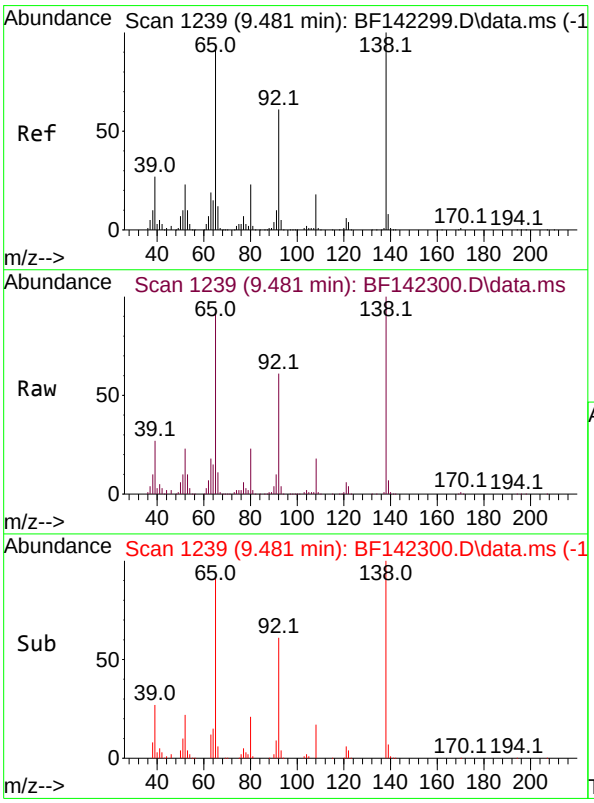
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.3	48.5
164	33.2	26.6	40.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

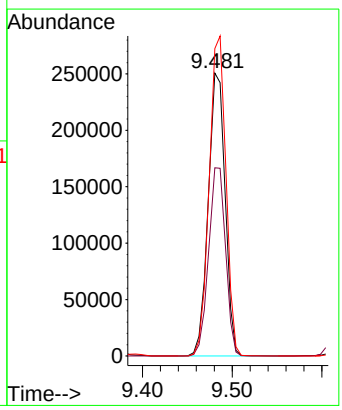


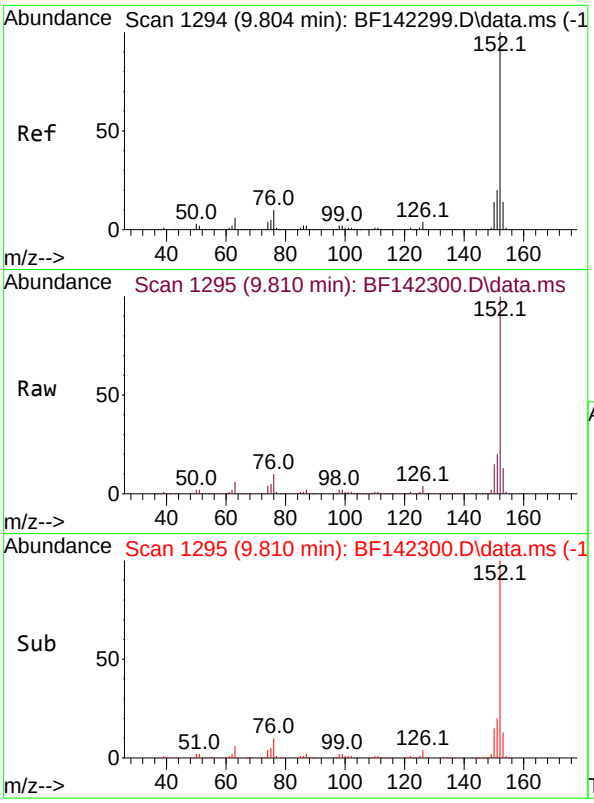


#48
2-Nitroaniline
Concen: 58.781 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 65 Resp: 327821

Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.3	78.5
138	108.7	85.6	128.4

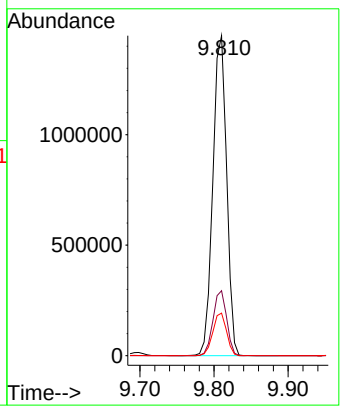




#49
Acenaphthylene
Concen: 51.328 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:152 Resp: 186826

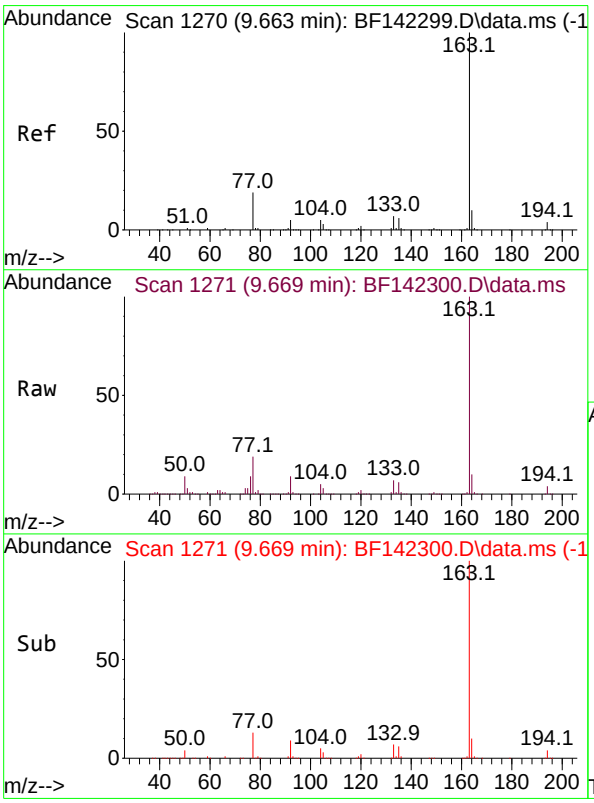
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

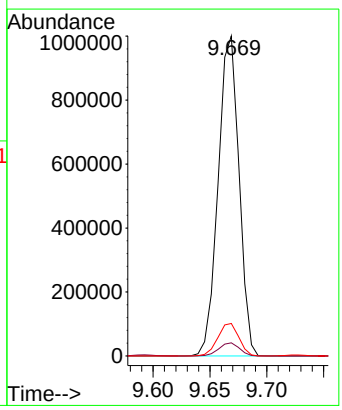
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

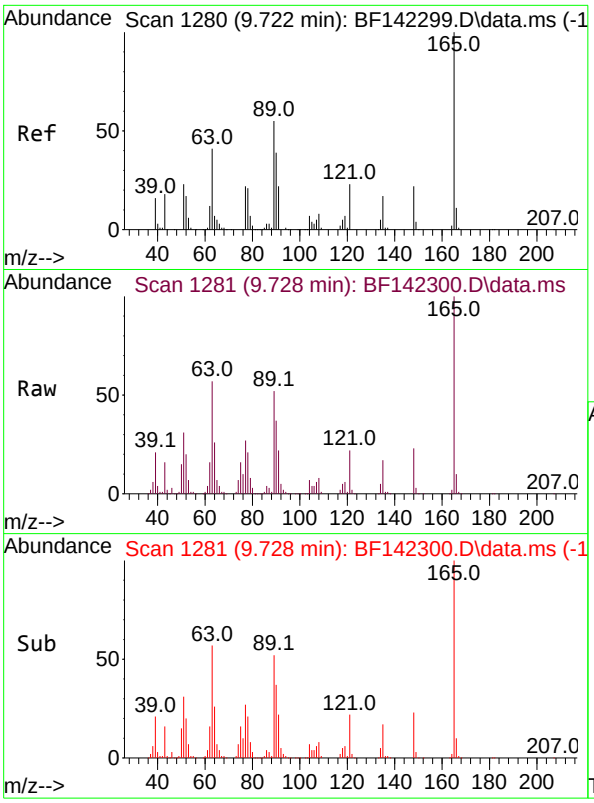


#50
Dimethylphthalate
Concen: 52.252 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:163 Resp: 1280292

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 58.331 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

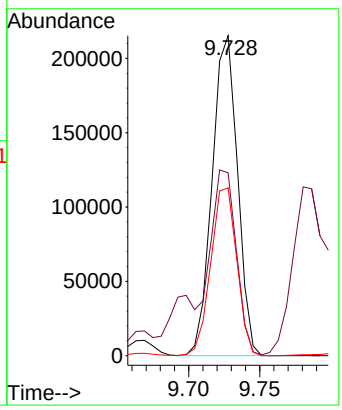
Tgt Ion:165 Resp: 26753

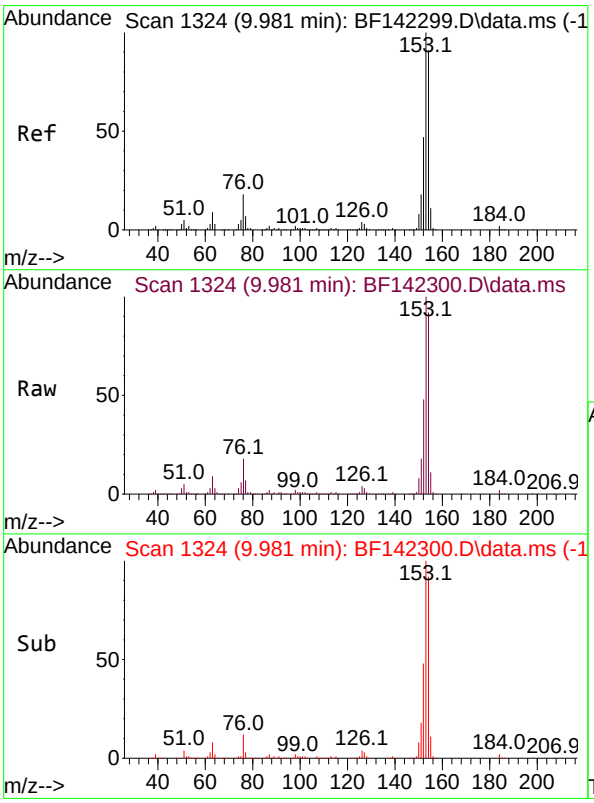
Ion	Ratio	Lower	Upper
165	100		
63	57.1	49.5	74.3
89	52.4	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

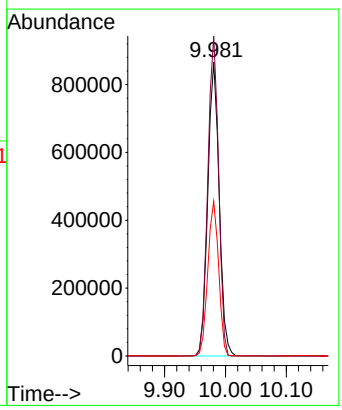


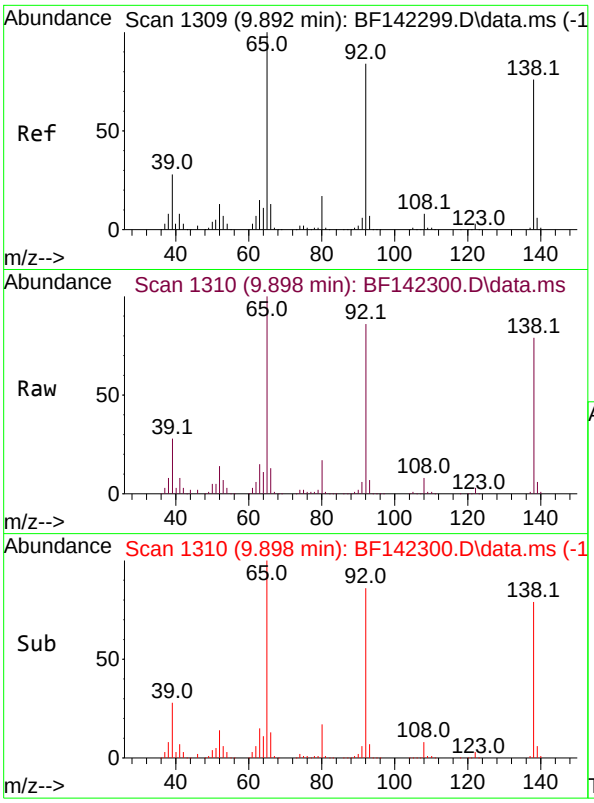


#52
Acenaphthene
Concen: 51.436 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:154 Resp: 1125706

Ion	Ratio	Lower	Upper
154	100		
153	108.9	88.0	132.0
152	52.6	41.6	62.4





#53
3-Nitroaniline
Concen: 58.354 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

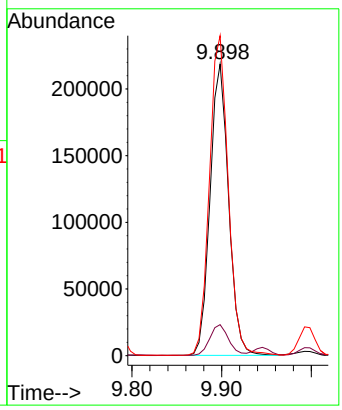
Tgt Ion:138 Resp: 31388

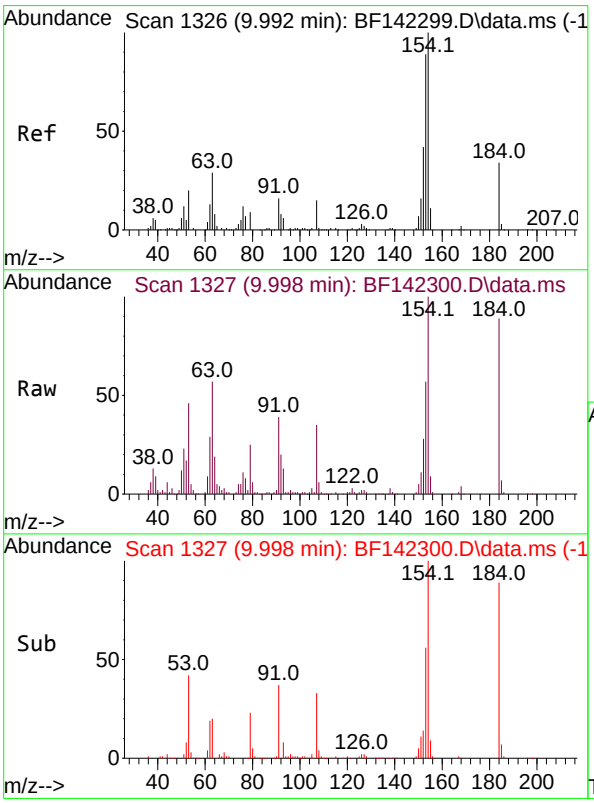
Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.7	13.1
92	109.7	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

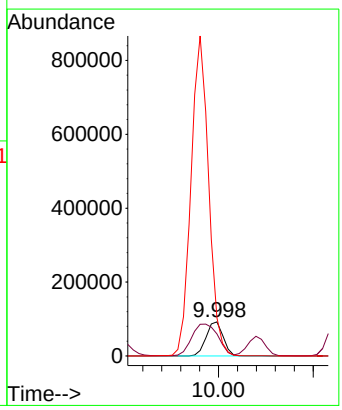


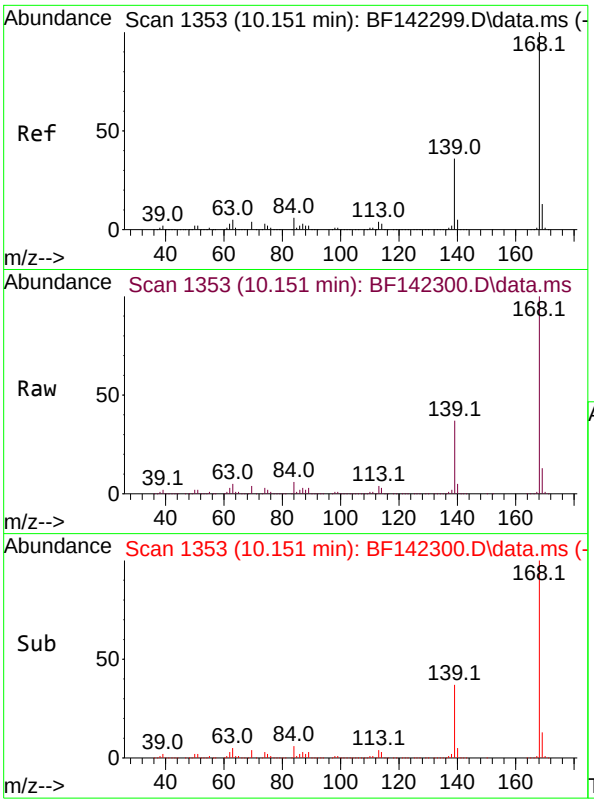


#54
2,4-Dinitrophenol
Concen: 50.908 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:184 Resp: 114759

Ion	Ratio	Lower	Upper
184	100		
63	64.7	70.6	105.8#
154	112.5	257.2	385.8#

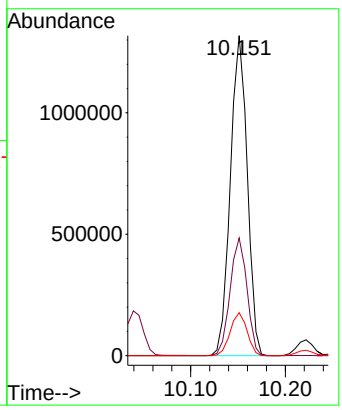




#55
Dibenzofuran
Concen: 50.542 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:168 Resp: 163249

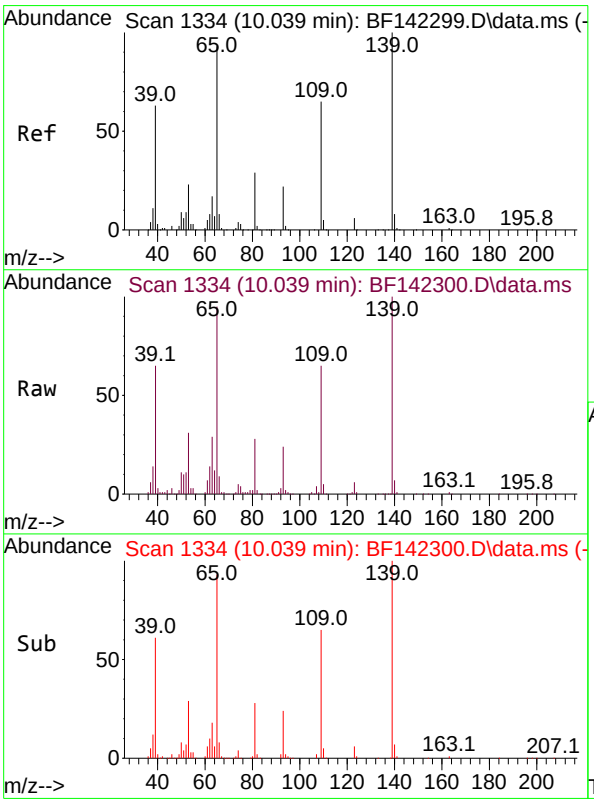
Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.0	43.4
169	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

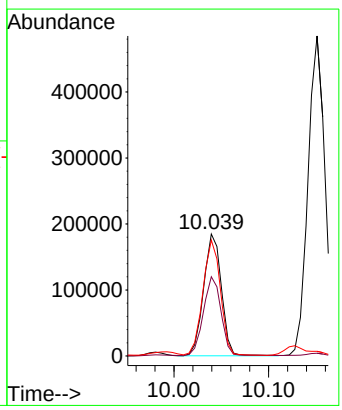
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

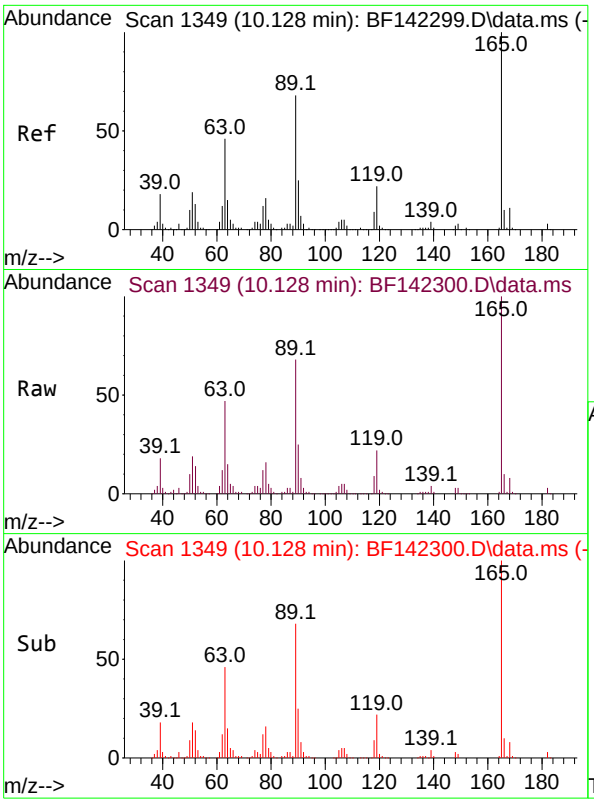


#56
4-Nitrophenol
Concen: 59.524 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:139 Resp: 240972

Ion	Ratio	Lower	Upper
139	100		
109	64.9	45.3	85.3
65	95.0	73.9	113.9

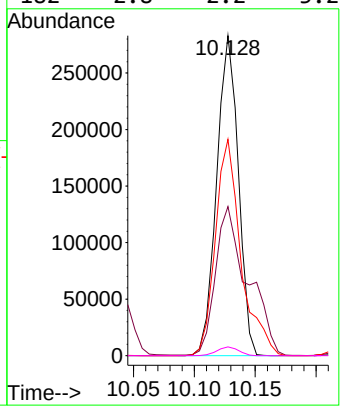




#57
2,4-Dinitrotoluene
Concen: 59.620 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:165 Resp: 35074

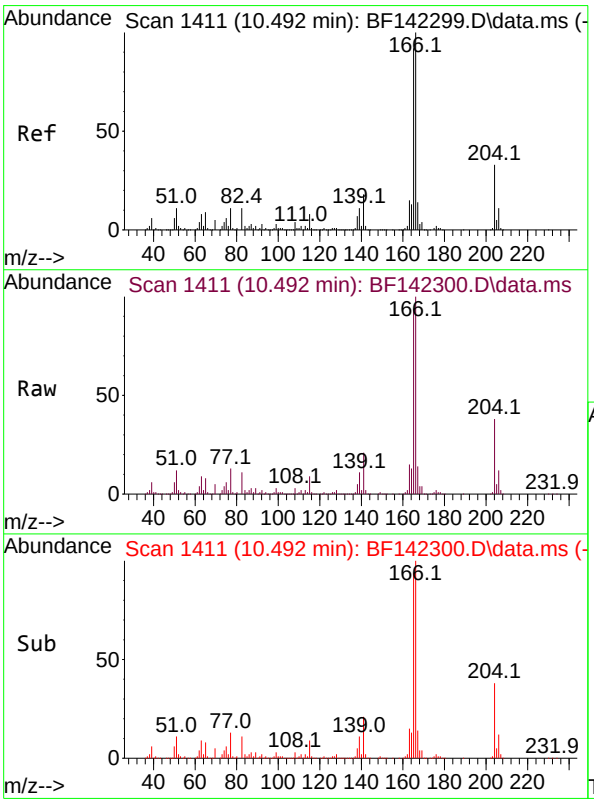
Ion	Ratio	Lower	Upper
165	100		
63	46.6	37.1	55.7
89	67.6	54.4	81.6
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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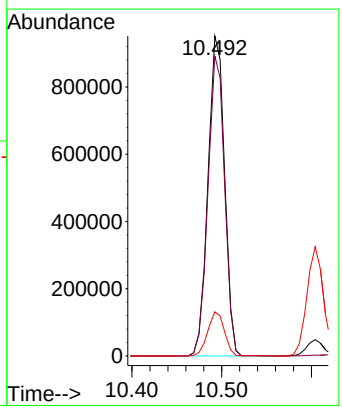
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

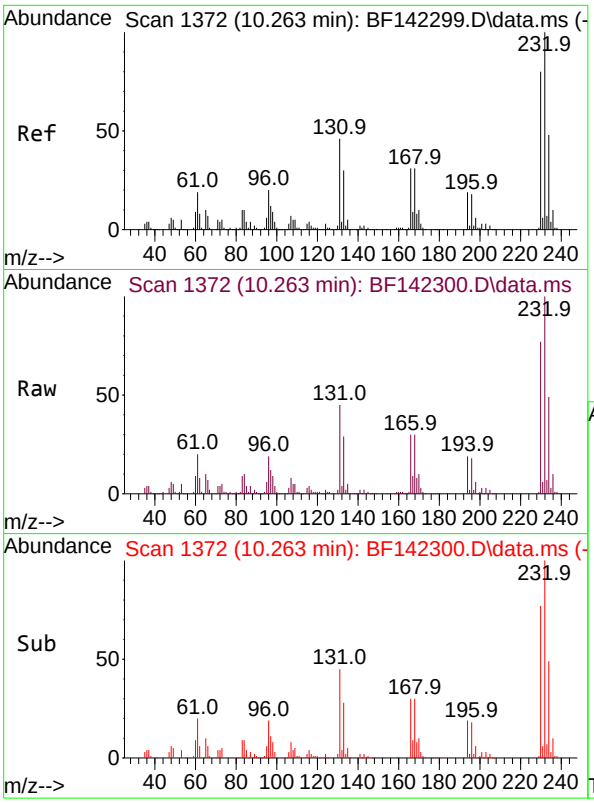


#58
Fluorene
Concen: 49.671 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:166 Resp: 1224371

Ion	Ratio	Lower	Upper
166	100		
165	93.8	74.0	111.0
167	13.8	10.9	16.3

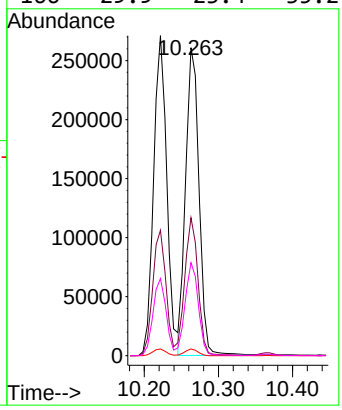




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.542 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:232 Resp: 32794

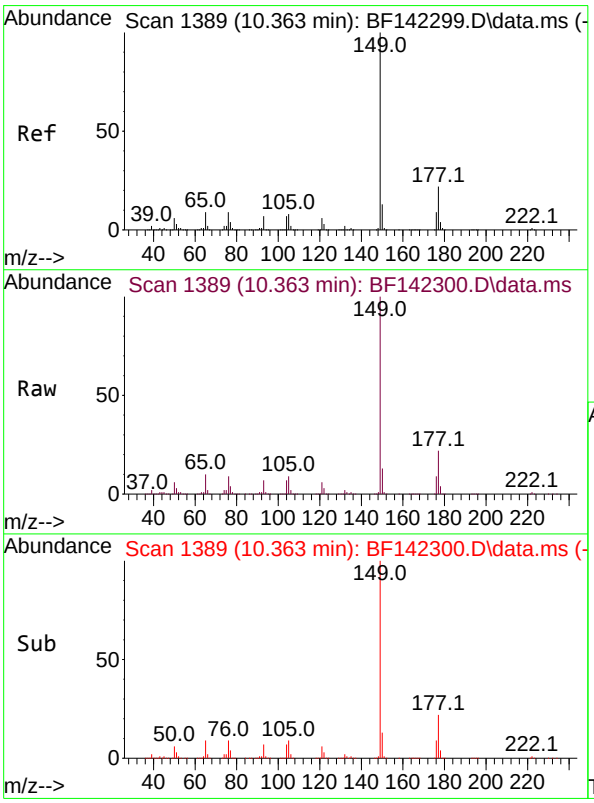
Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.0	54.0
130	2.2	1.8	2.6
166	29.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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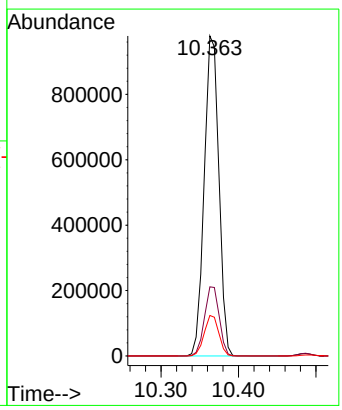
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

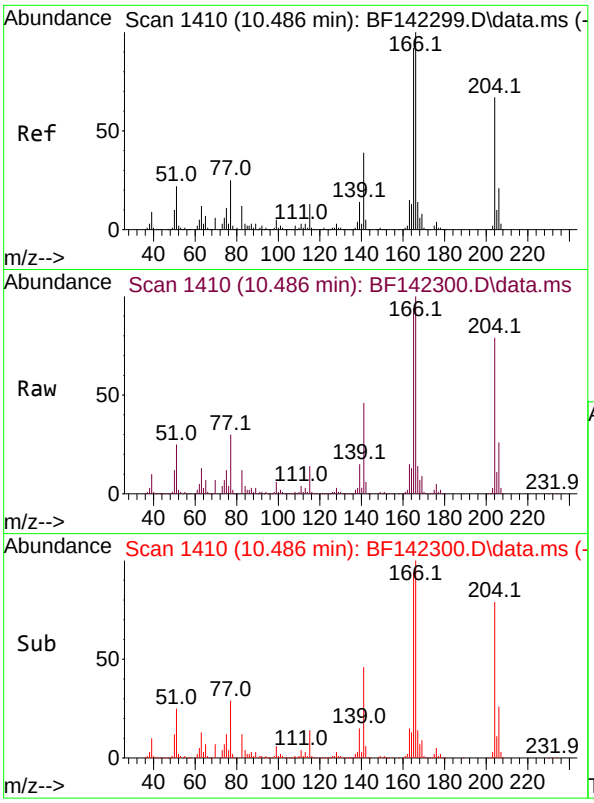


#60
Diethylphthalate
Concen: 52.397 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 1282136

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.168 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

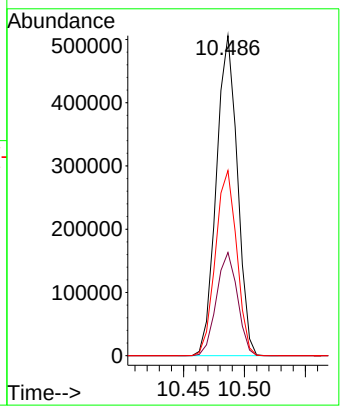
Tgt Ion:204 Resp: 60850

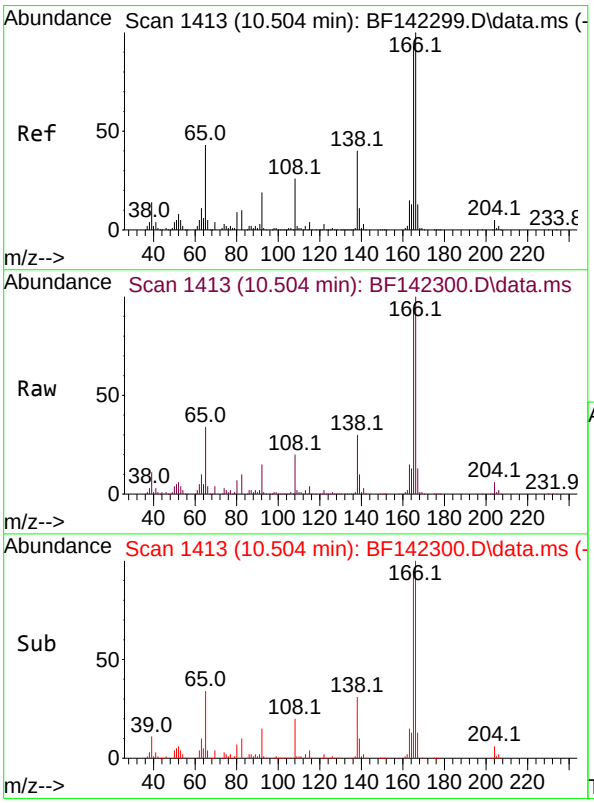
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.5	38.3
141	57.8	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

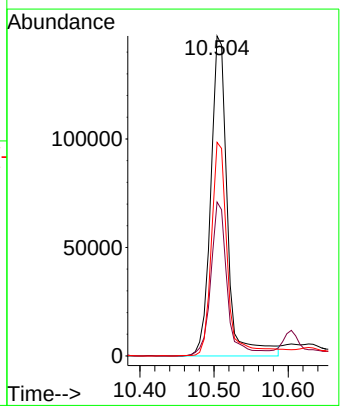


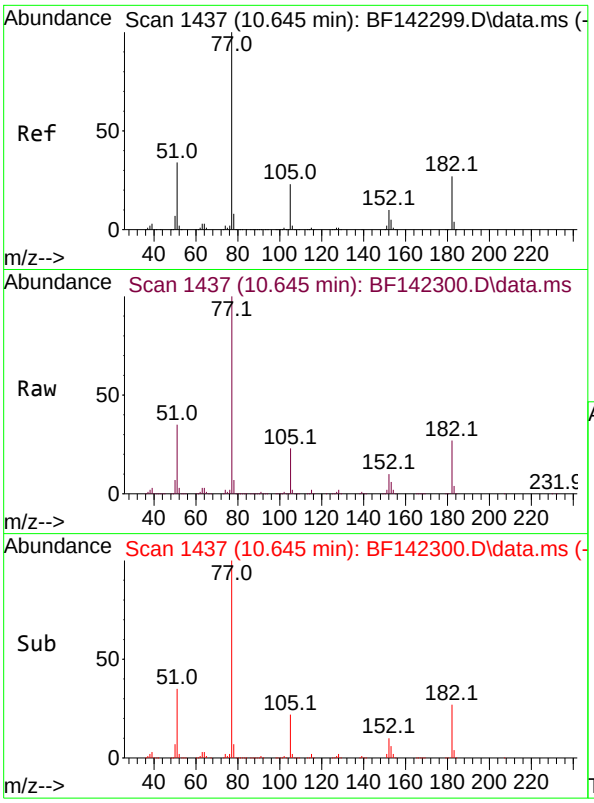


#62
4-Nitroaniline
Concen: 53.785 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:138 Resp: 229299

Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.3	67.3
108	66.8	45.1	85.1

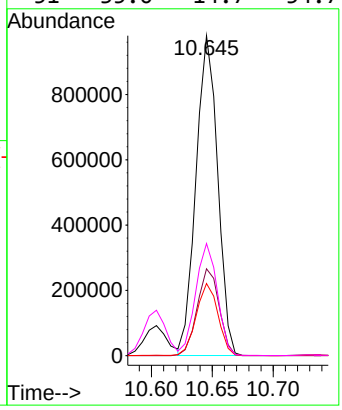




#63
Azobenzene
Concen: 51.833 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion: 77 Resp: 121197

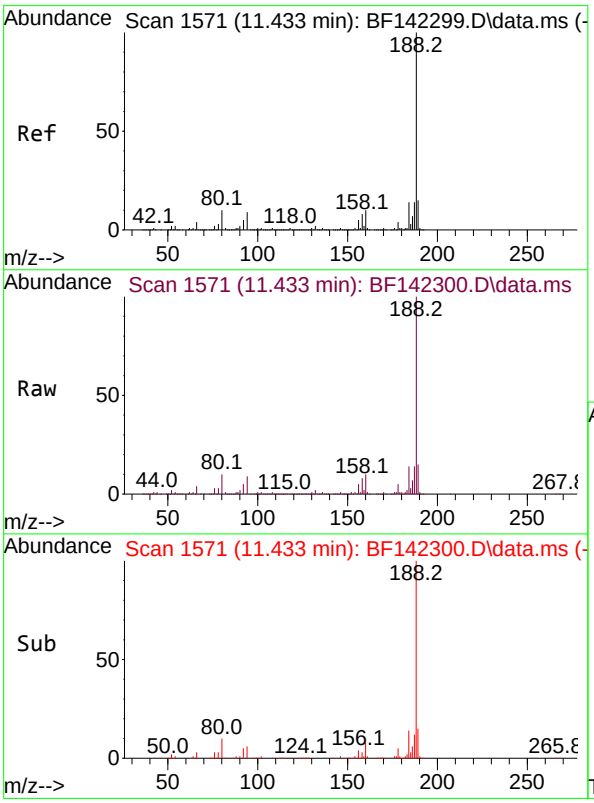
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.9	46.9
105	22.5	2.7	42.7
51	35.0	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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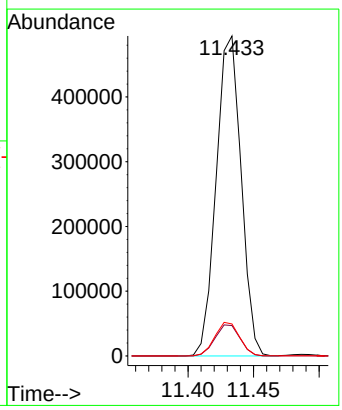
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

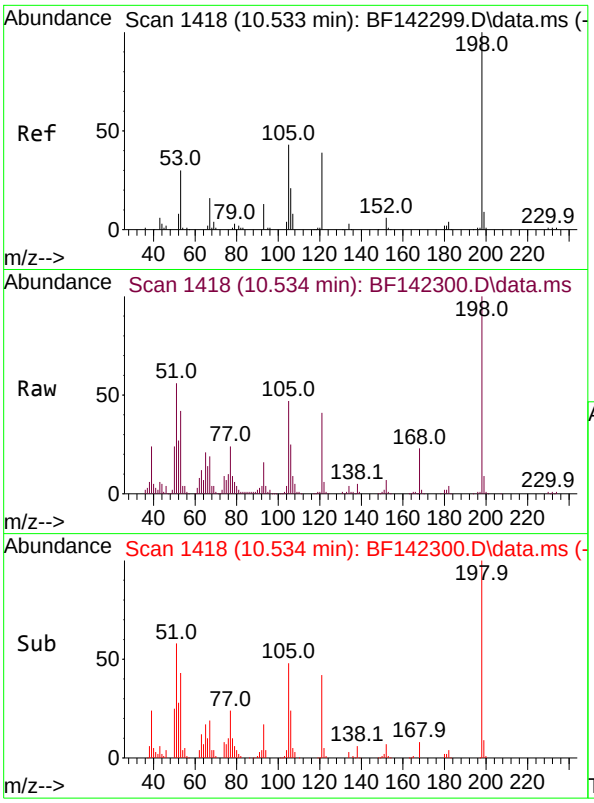


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:188 Resp: 653321

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9

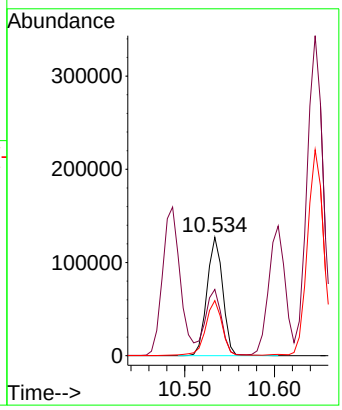




#65
4,6-Dinitro-2-methylphenol
Concen: 50.269 ng
RT: 10.534 min Scan# 14
Delta R.T. 0.001 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:198 Resp: 15430

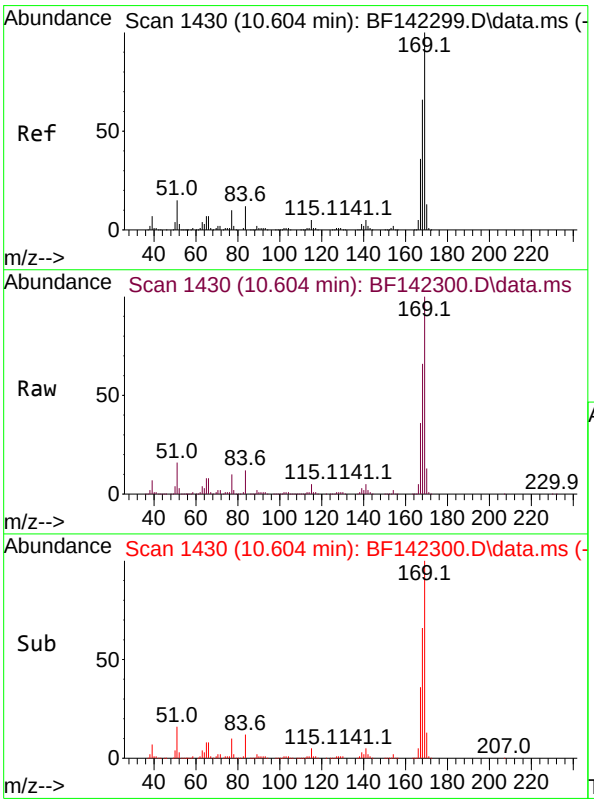
Ion	Ratio	Lower	Upper
198	100		
51	56.0	32.9	72.9
105	46.5	23.7	63.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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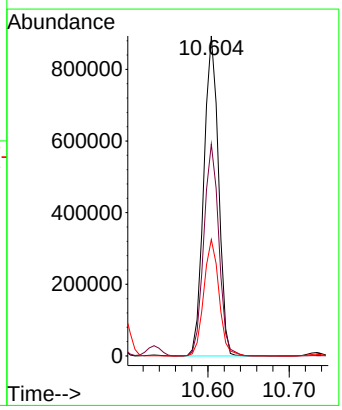
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

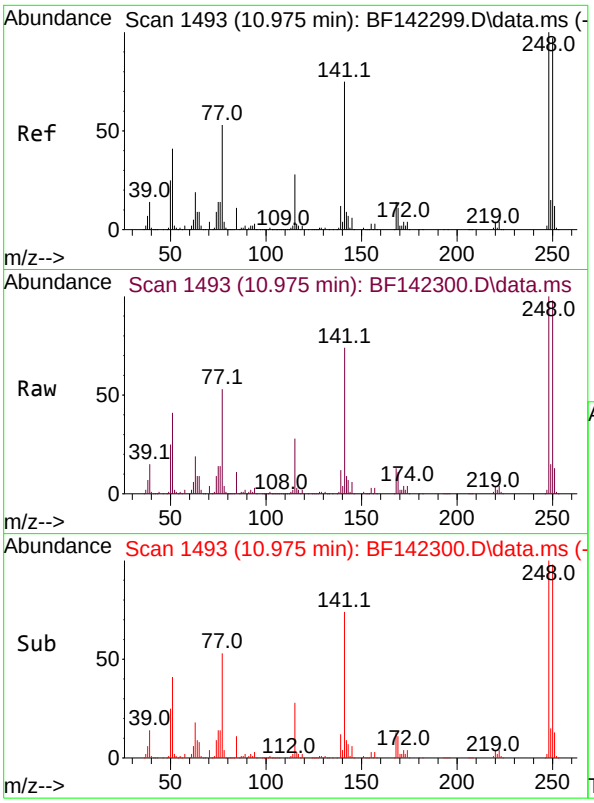


#66
n-Nitrosodiphenylamine
Concen: 51.544 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:169 Resp: 1120570

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	36.4	28.9	43.3

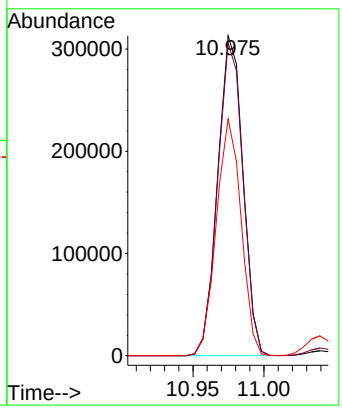




#67
4-Bromophenyl-phenylether
Concen: 52.469 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:248 Resp: 38849

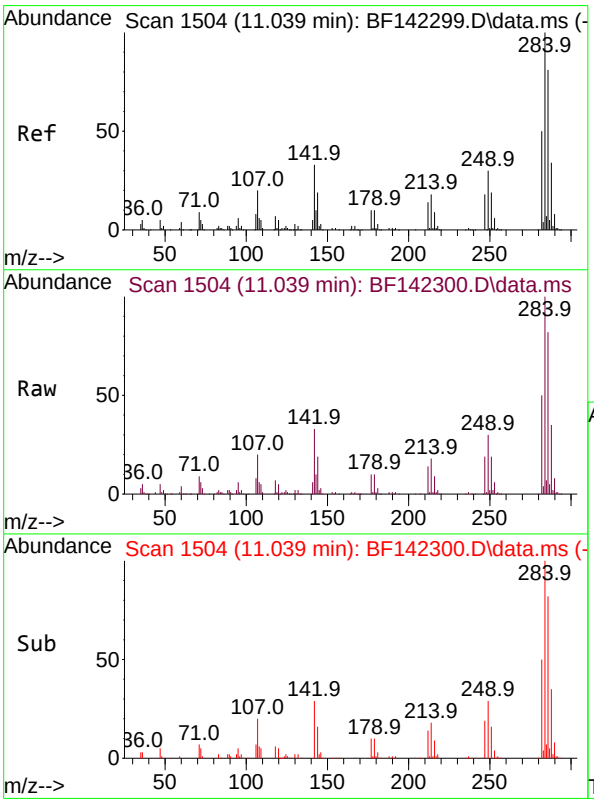
Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.9	116.9
141	73.9	59.8	89.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

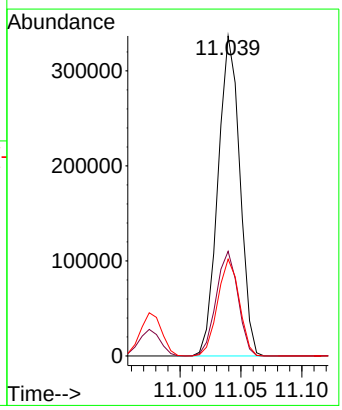
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

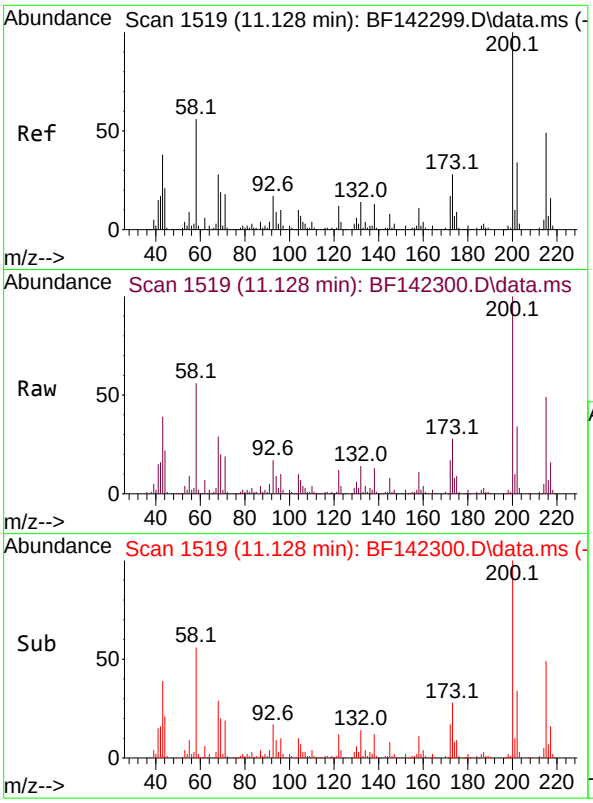


#68
Hexachlorobenzene
Concen: 51.661 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:284 Resp: 420761

Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.6	39.8
249	30.2	24.1	36.1





#69
Atrazine
Concen: 55.754 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

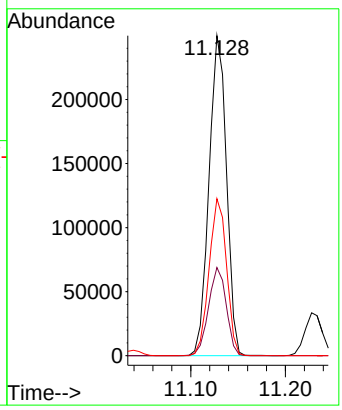
Tgt Ion:200 Resp: 31950

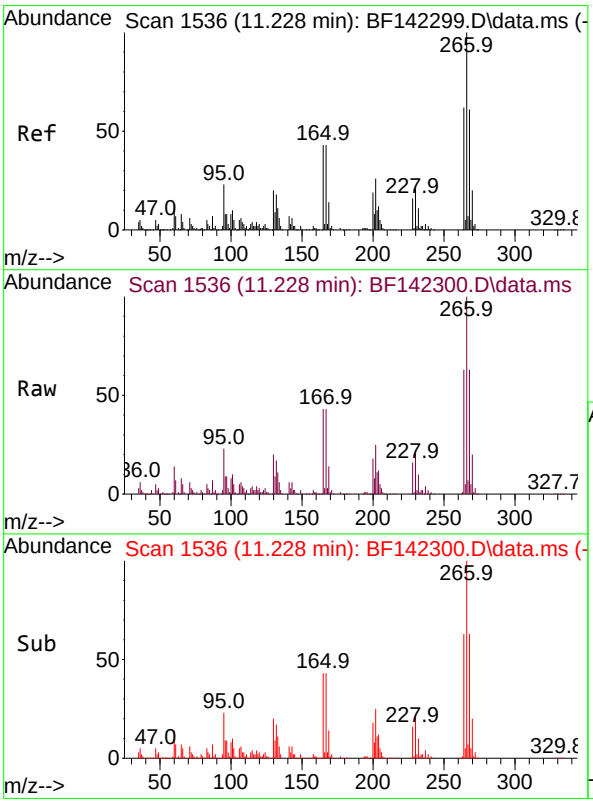
Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.1	48.1
215	49.0	28.8	68.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

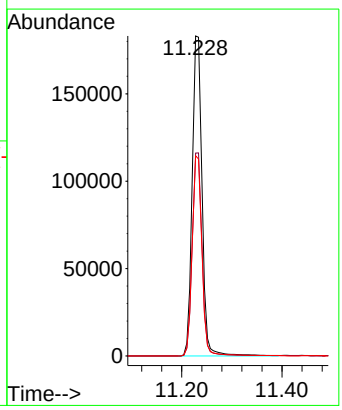


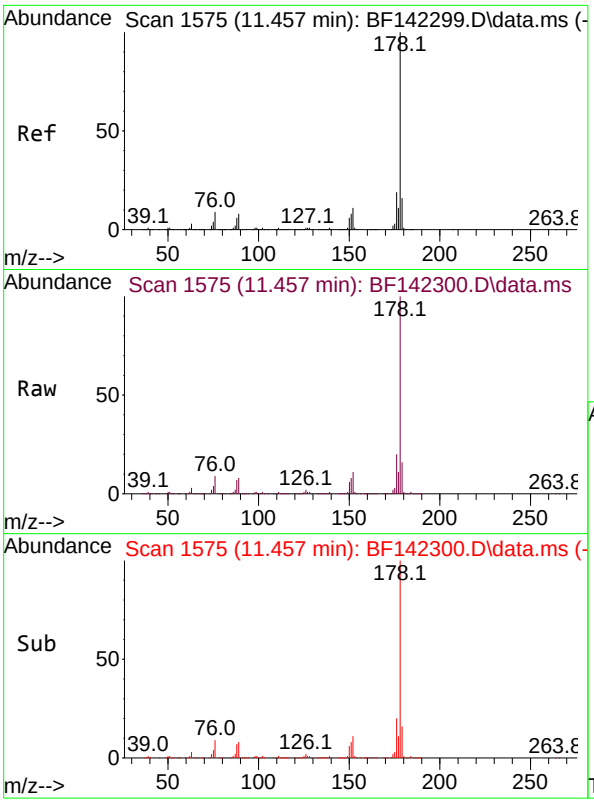


#70
Pentachlorophenol
Concen: 58.166 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:266 Resp: 249218

Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.7	73.1
264	62.6	49.8	74.6

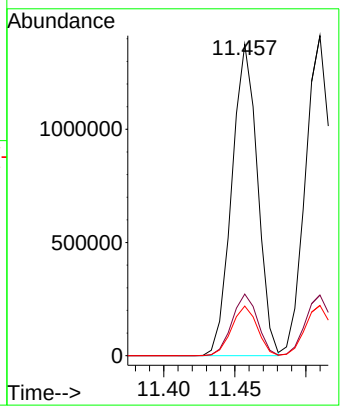




#71
Phenanthrene
Concen: 50.453 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:178 Resp: 172779

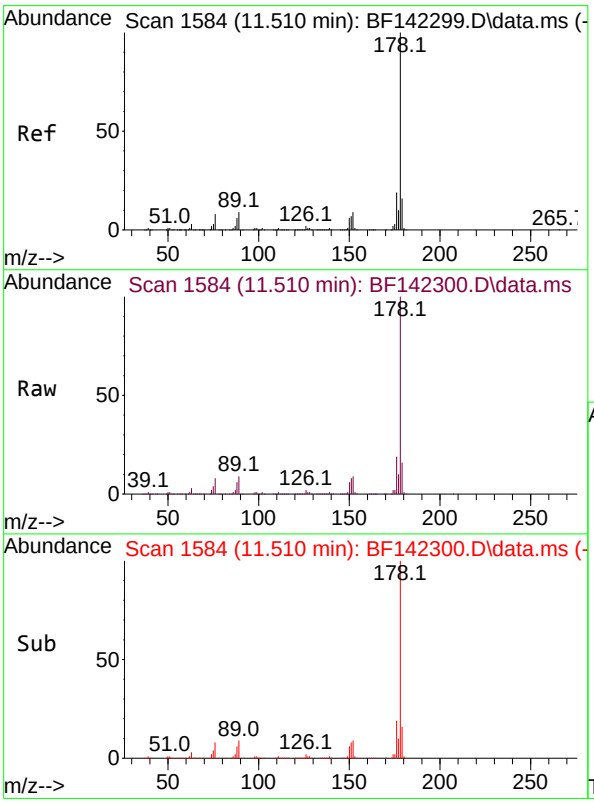
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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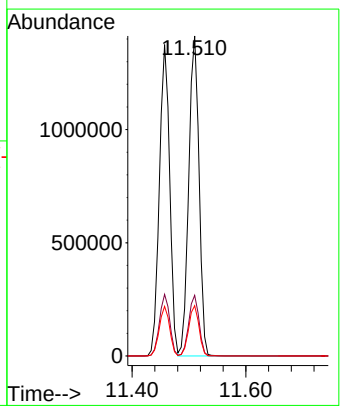
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

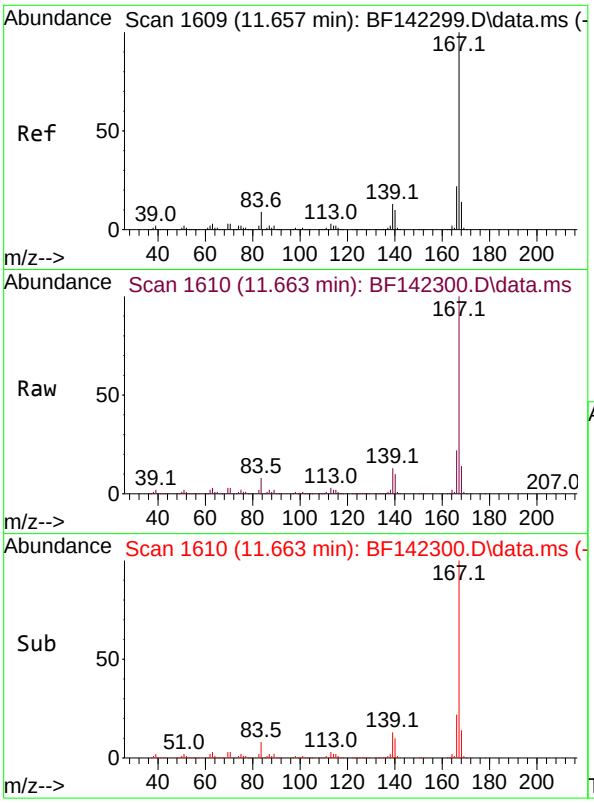


#72
Anthracene
Concen: 50.712 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:178 Resp: 1784428

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	18.8





#73
Carbazole
Concen: 51.019 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

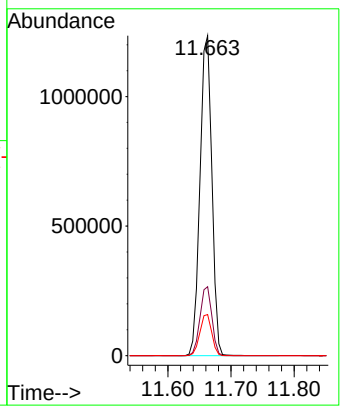
Tgt Ion:167 Resp: 161061

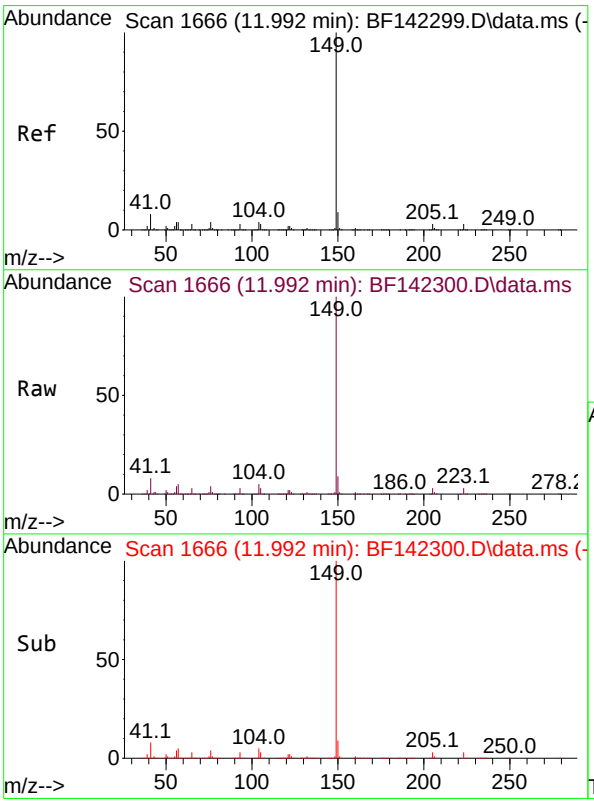
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

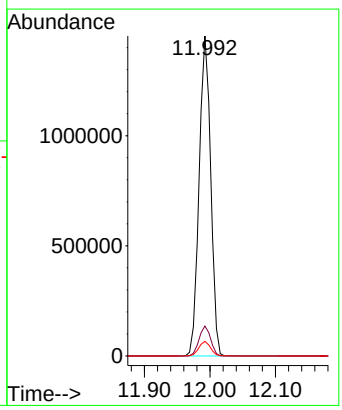


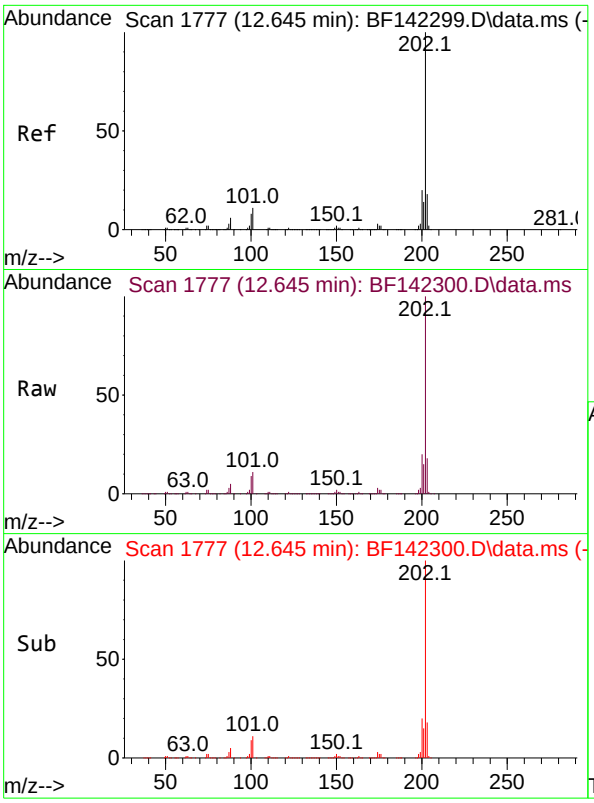


#74
Di-n-butylphthalate
Concen: 53.803 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 1785998

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4





#75
Fluoranthene
Concen: 50.159 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

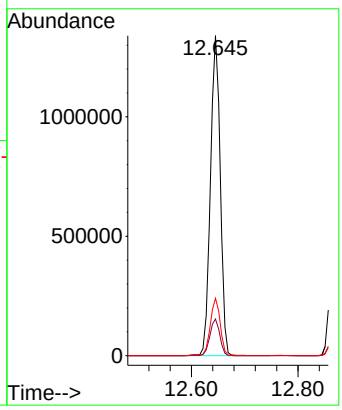
Tgt Ion:202 Resp: 171706

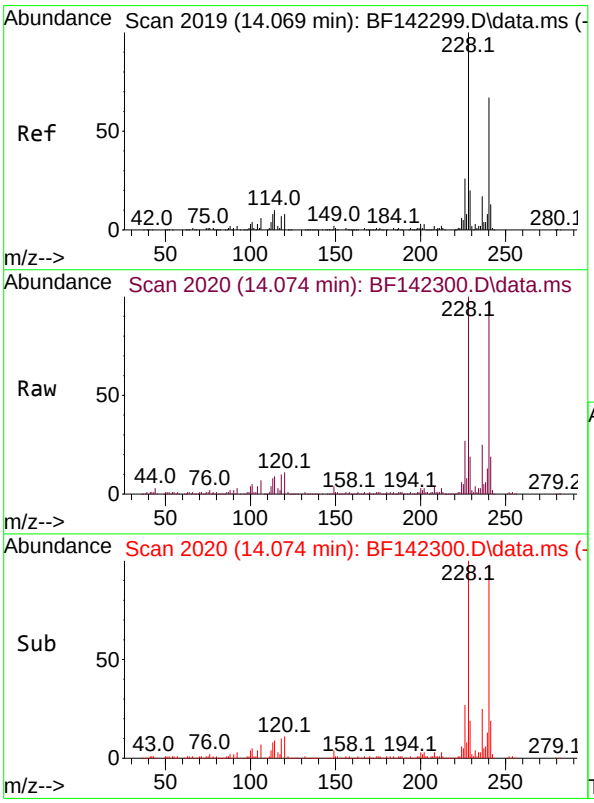
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.9	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

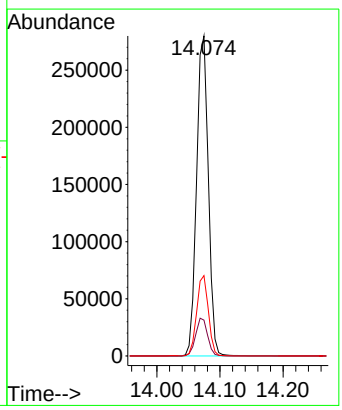


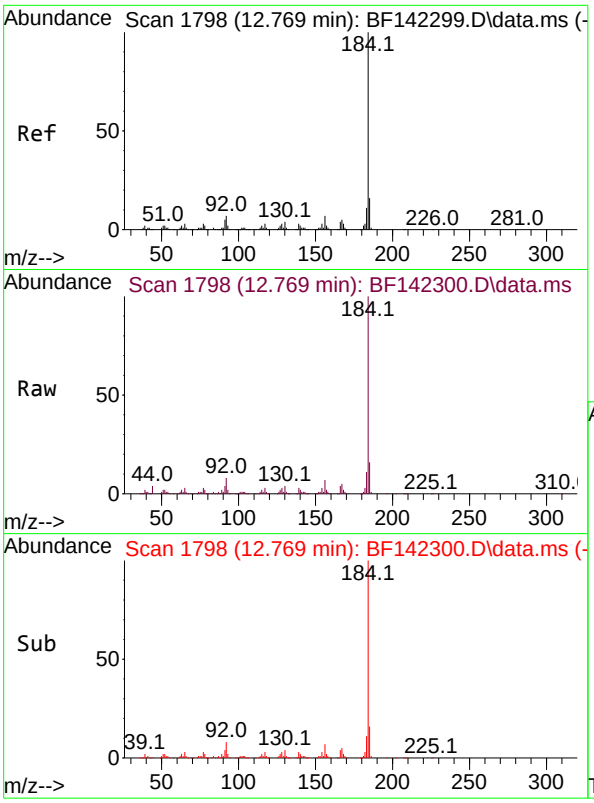


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:240 Resp: 361528

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	25.1	20.0	30.0

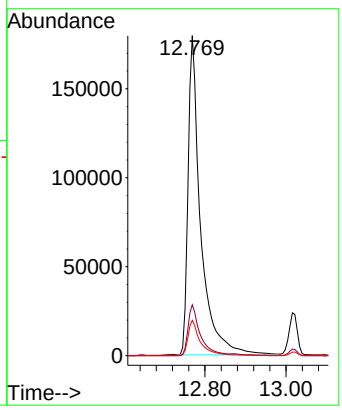




#77
Benzidine
Concen: 58.643 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:184 Resp: 38528

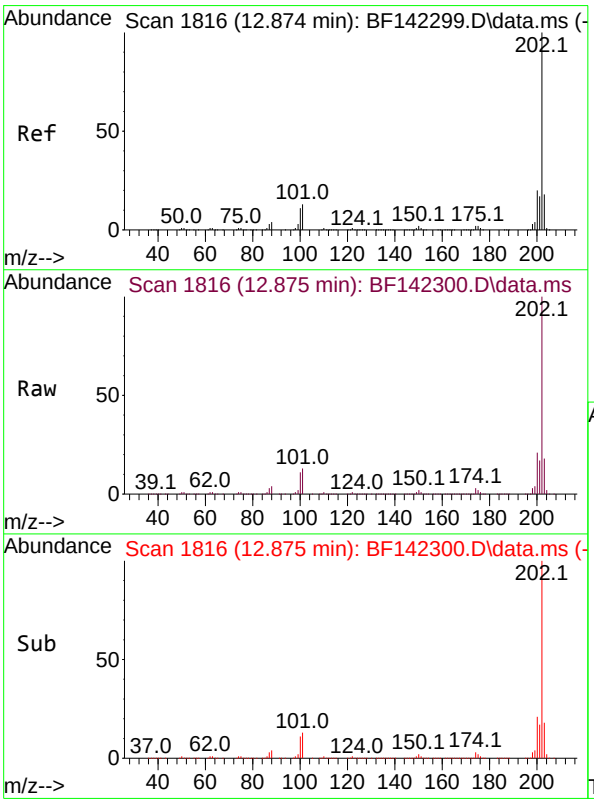
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	11.1	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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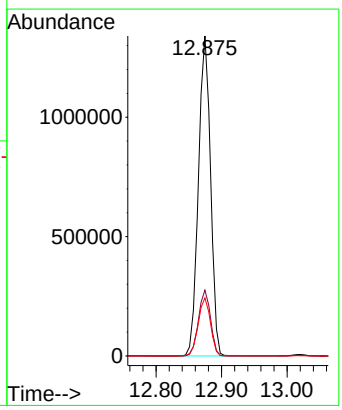
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

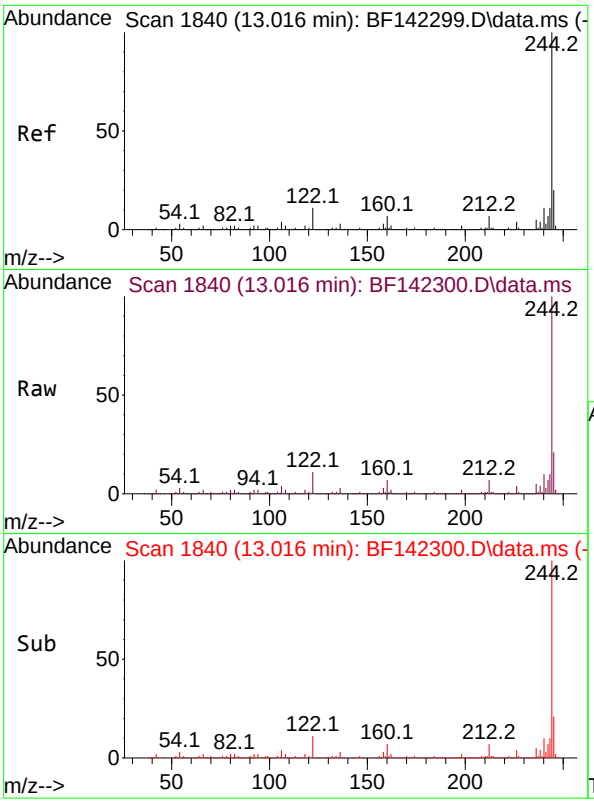


#78
Pyrene
Concen: 53.702 ng
RT: 12.875 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:202 Resp: 1728090

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	18.1	14.3	21.5

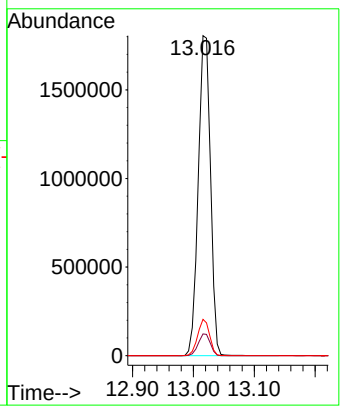




#79
Terphenyl-d14
Concen: 102.849 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:244 Resp: 251216

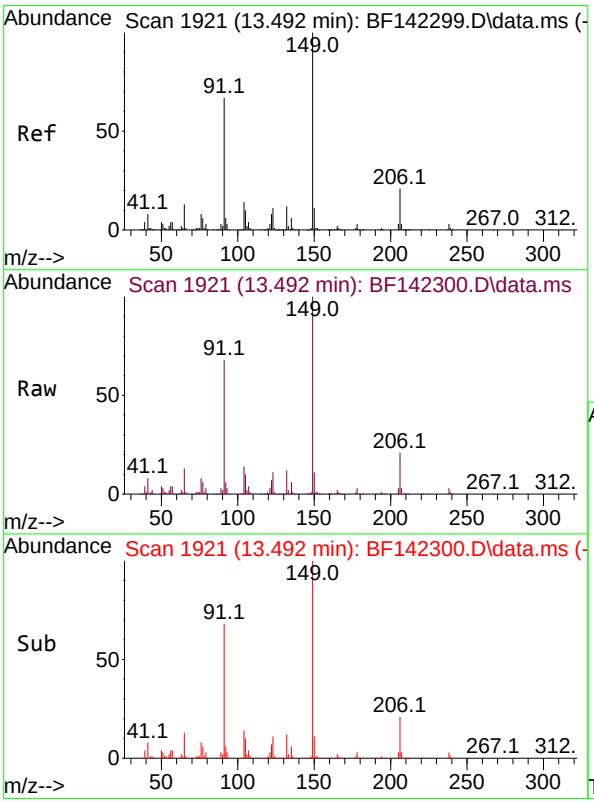
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.4	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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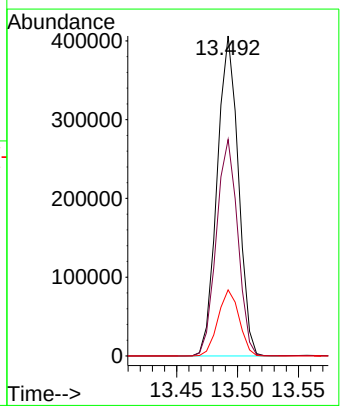
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

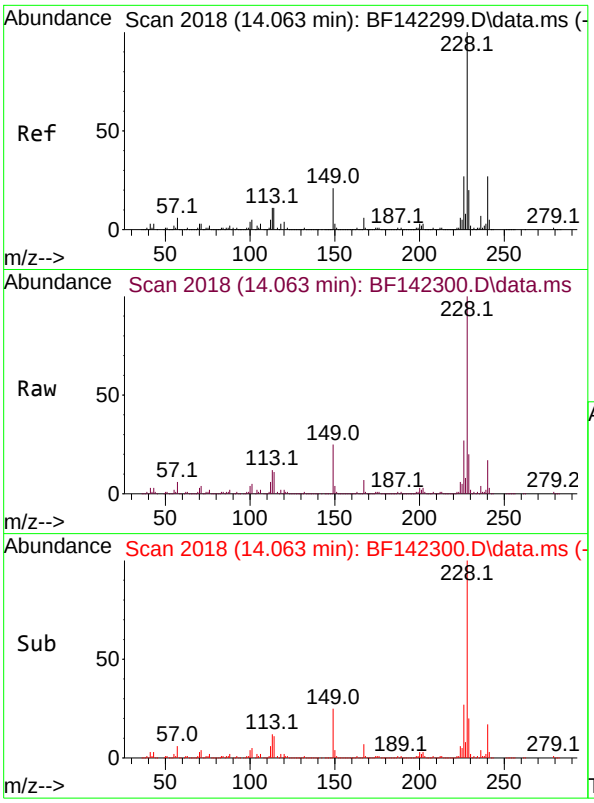


#80
Butylbenzylphthalate
Concen: 52.156 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 493025

Ion	Ratio	Lower	Upper
149	100		
91	67.6	53.8	80.6
206	20.7	16.6	24.8





#81
Benzo(a)anthracene
Concen: 52.285 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

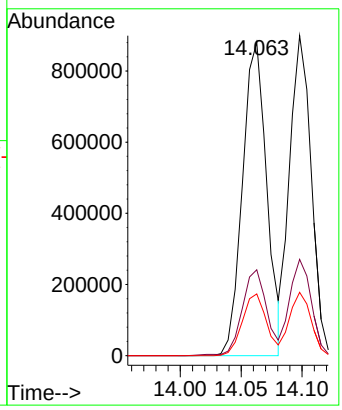
Tgt Ion:228 Resp: 122413

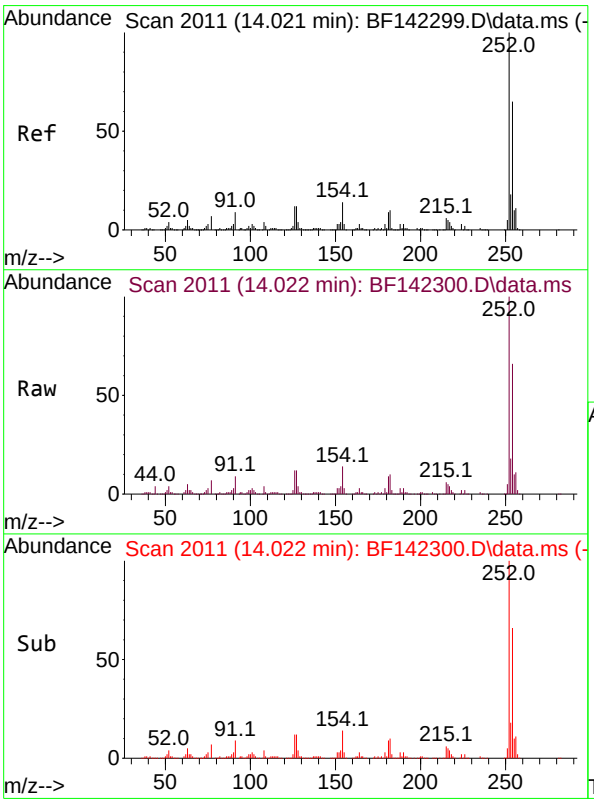
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.5	32.3
229	19.7	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

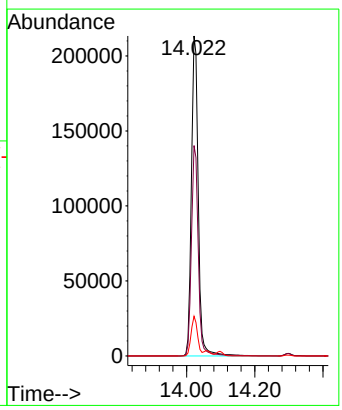


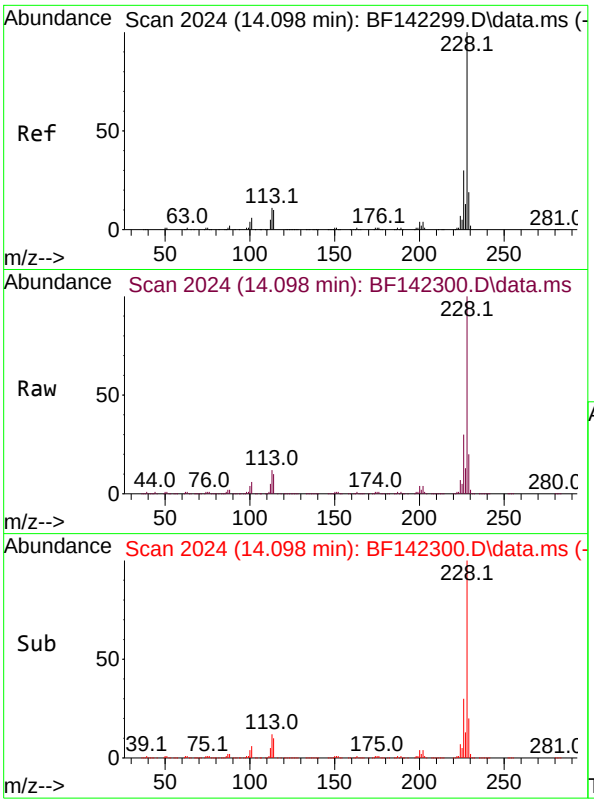


#82
3,3'-Dichlorobenzidine
Concen: 54.357 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.001 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 295953

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.0	78.0
126	12.4	9.7	14.5

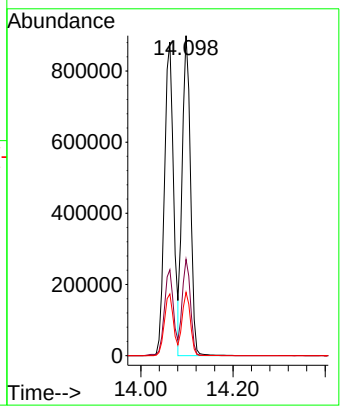




#83
Chrysene
Concen: 51.342 ng
RT: 14.098 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:228 Resp: 111904(

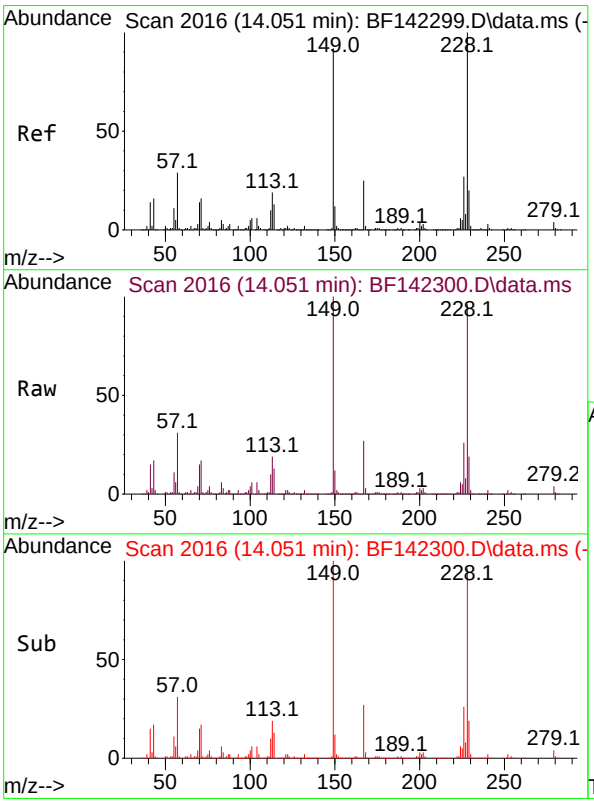
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.8	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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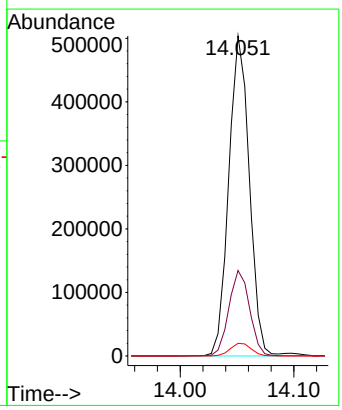
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

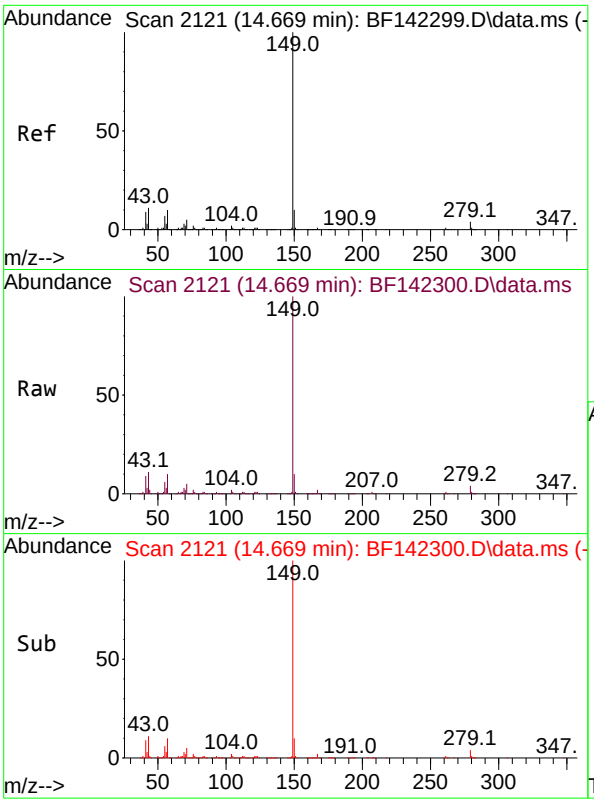


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.305 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:149 Resp: 631350

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.0	33.0
279	3.9	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 50.417 ng
RT: 14.669 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

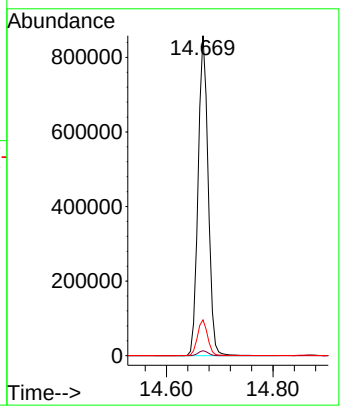
Tgt Ion:149 Resp: 112210

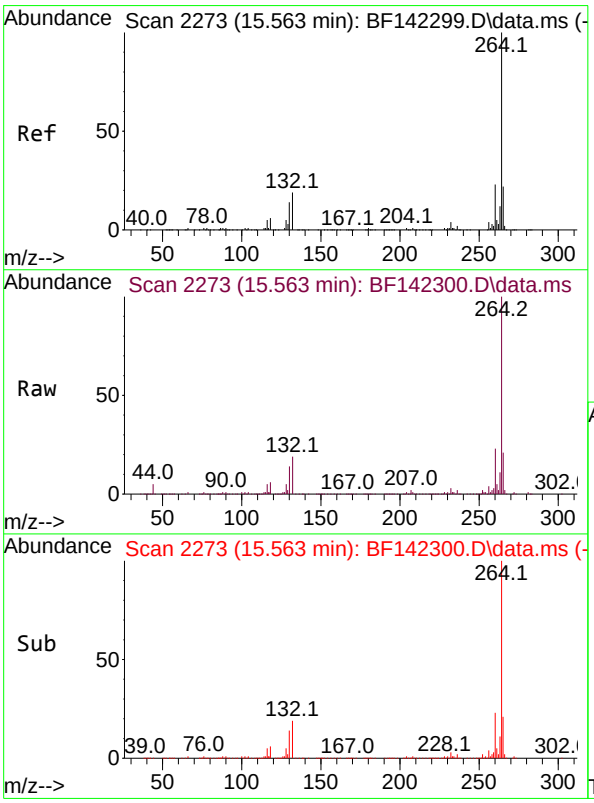
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.4	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

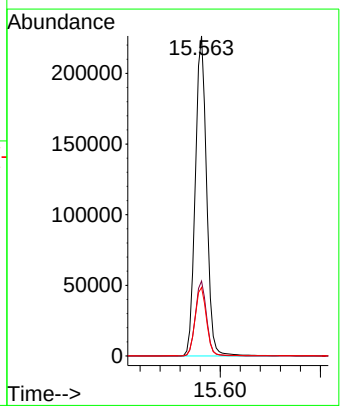


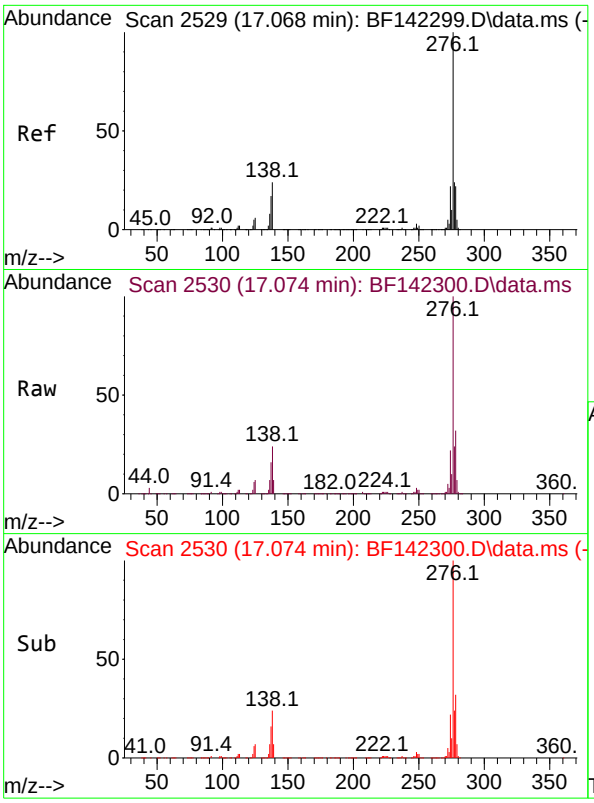


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:264 Resp: 352732

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.4	17.5	26.3

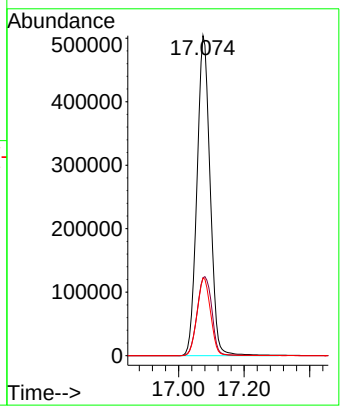




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.351 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:276 Resp: 140723

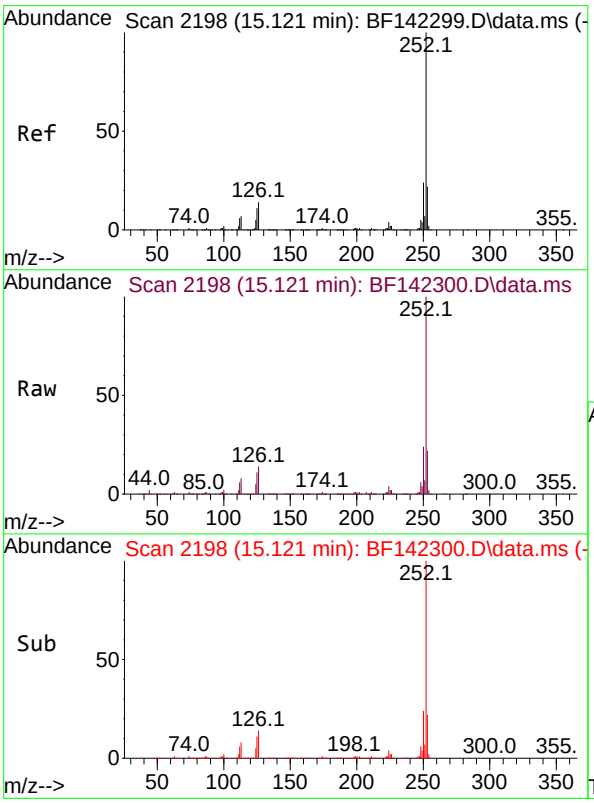
Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.0	33.0
277	25.0	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

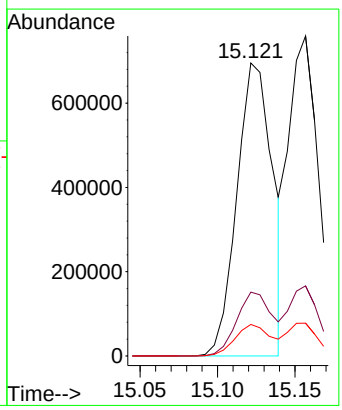
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

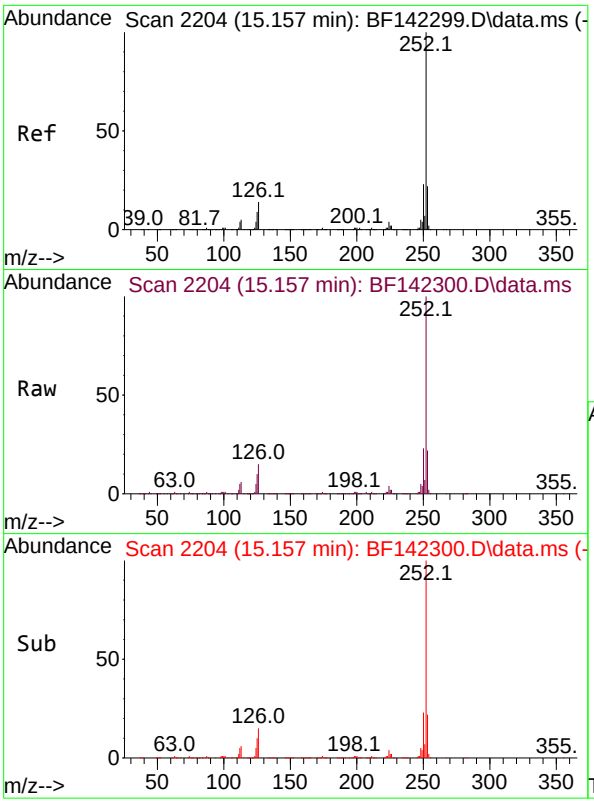


#88
Benzo(b)fluoranthene
Concen: 52.119 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 1113446

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.8	8.7	13.1

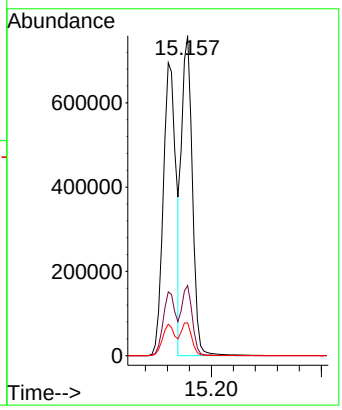




#89
Benzo(k)fluoranthene
Concen: 52.880 ng
RT: 15.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 103381

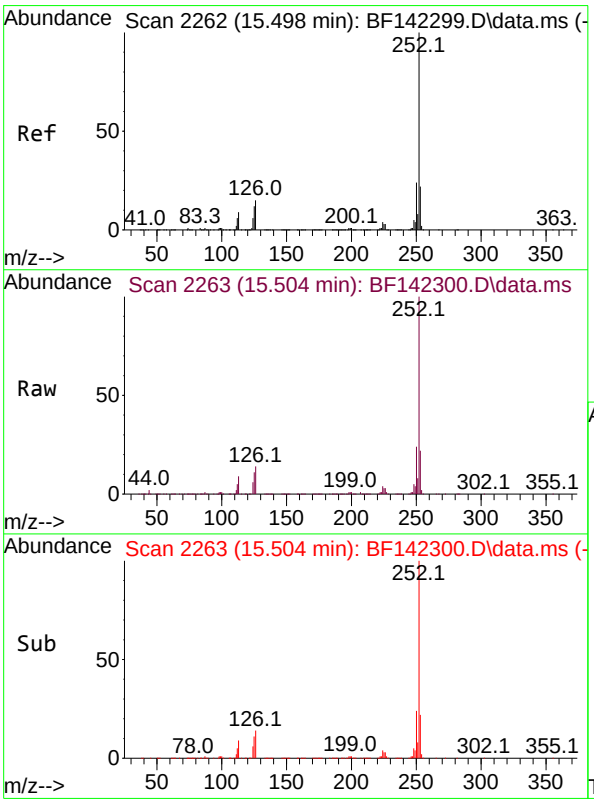
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.2	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

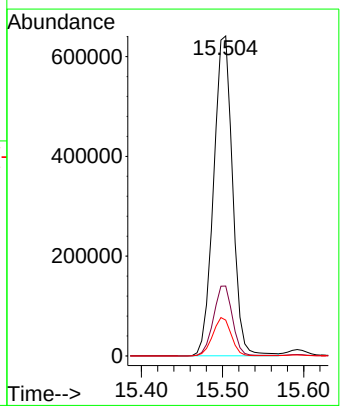
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

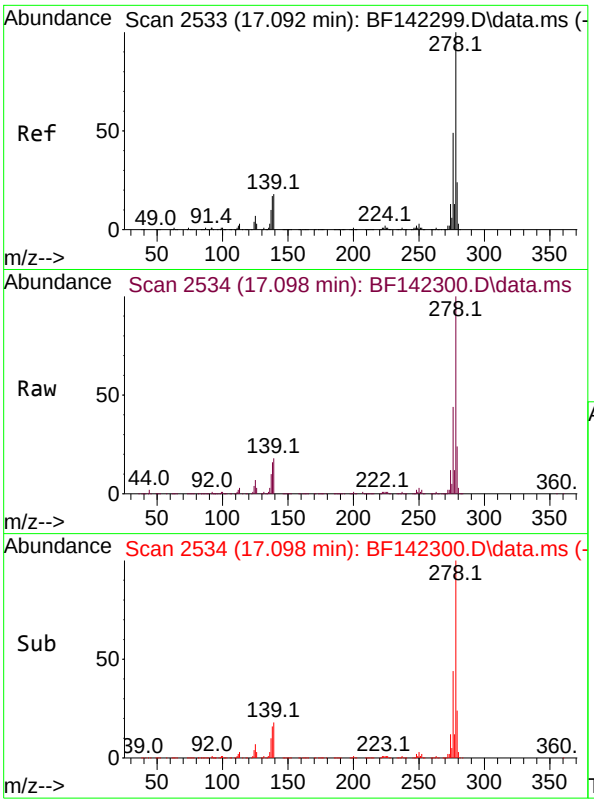


#90
Benzo(a)pyrene
Concen: 54.482 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:252 Resp: 1043008

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.2	9.4	14.0

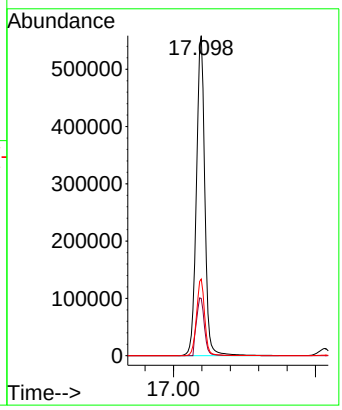




#91
Dibenzo(a,h)anthracene
Concen: 56.905 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:278 Resp: 115355

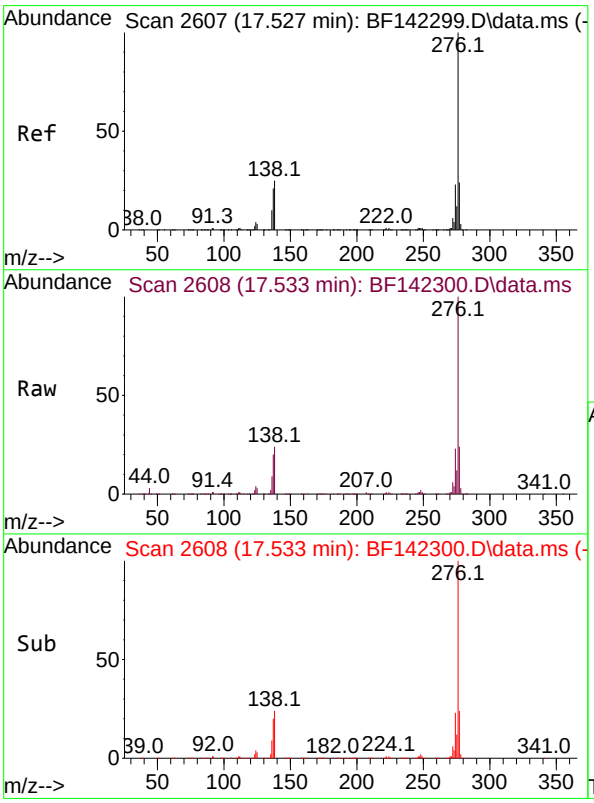
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

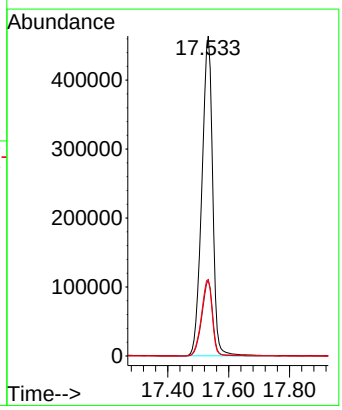
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 56.752 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142300.D
Acq: 05 May 2025 16:18

Tgt Ion:276 Resp: 1141826

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	23.9	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142301.D
Acq On : 05 May 2025 16:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	197459	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	774183	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	403498	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	678705	20.000	ng		0.00
76) Chrysene-d12	14.074	240	358642	20.000	ng		0.00
86) Perylene-d12	15.563	264	387967	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1380708	119.365	ng		0.00
7) Phenol-d6	6.528	99	1681641	118.204	ng		0.00
23) Nitrobenzene-d5	7.475	82	1614559	127.189	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	509292	130.732	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	3015927	106.576	ng		0.00
79) Terphenyl-d14	13.022	244	2827945	116.709	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	308652	59.255	ng		100
3) Pyridine	3.446	79	777252	63.459	ng		99
4) n-Nitrosodimethylamine	3.405	42	429842	60.476	ng		99
6) Aniline	6.575	93	900100	64.503	ng		99
8) 2-Chlorophenol	6.687	128	760230	61.504	ng		99
9) Benzaldehyde	6.457	77	392710	47.164	ng		99
10) Phenol	6.545	94	902878m	59.871	ng		
11) bis(2-Chloroethyl)ether	6.645	93	853741m	57.408	ng		
12) 1,3-Dichlorobenzene	6.851	146	816681	57.752	ng		99
13) 1,4-Dichlorobenzene	6.928	146	820881	57.814	ng		99
14) 1,2-Dichlorobenzene	7.075	146	794010	58.260	ng		99
15) Benzyl Alcohol	7.045	79	597038	64.809	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1310008	58.989	ng		100
17) 2-Methylphenol	7.151	107	599927	59.949	ng		99
18) Hexachloroethane	7.422	117	288326	61.032	ng		99
19) n-Nitroso-di-n-propyla...	7.328	70	523983	59.543	ng		98
20) 3+4-Methylphenols	7.310	107	726451	58.165	ng		94
22) Acetophenone	7.316	105	972165	56.476	ng	#	93
24) Nitrobenzene	7.492	77	753847	62.999	ng		97
25) Isophorone	7.734	82	1444396	60.087	ng		100
26) 2-Nitrophenol	7.804	139	359513	61.112	ng		98
27) 2,4-Dimethylphenol	7.840	122	729069	60.325	ng		99
28) bis(2-Chloroethoxy)met...	7.939	93	896741	58.015	ng		100
29) 2,4-Dichlorophenol	8.045	162	636712	61.967	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	670104	57.949	ng		99
31) Naphthalene	8.216	128	2103149	56.052	ng		99
32) Benzoic acid	7.957	122	433085m	61.871	ng		
33) 4-Chloroaniline	8.257	127	963425m	63.039	ng		
34) Hexachlorobutadiene	8.328	225	401644	58.657	ng		100
35) Caprolactam	8.634	113	193098	64.619	ng		97
36) 4-Chloro-3-methylphenol	8.734	107	648747	60.738	ng		99
37) 2-Methylnaphthalene	8.904	142	1319794	56.607	ng		99
38) 1-Methylnaphthalene	9.004	142	1363474	56.109	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	650696	57.740	ng		99
41) Hexachlorocyclopentadiene	9.057	237	459147	65.925	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	448837	63.143	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142301.D
Acq On : 05 May 2025 16:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 05 18:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	480305	63.505	ng		99
46) 1,1'-Biphenyl	9.369	154	1745424	56.417	ng		99
47) 2-Chloronaphthalene	9.392	162	1338338	58.169	ng		99
48) 2-Nitroaniline	9.486	65	407862	69.160	ng		95
49) Acenaphthylene	9.810	152	2215774	57.569	ng		99
50) Dimethylphthalate	9.669	163	1543896	59.587	ng		100
51) 2,6-Dinitrotoluene	9.728	165	330939	68.237	ng		96
52) Acenaphthene	9.981	154	1345347	58.133	ng		100
53) 3-Nitroaniline	9.898	138	385568	67.787	ng		98
54) 2,4-Dinitrophenol	9.998	184	149707	61.014	ng	#	25
55) Dibenzofuran	10.151	168	1947247	57.013	ng		98
56) 4-Nitrophenol	10.045	139	290245	67.801	ng		99
57) 2,4-Dinitrotoluene	10.128	165	430311	69.171	ng		98
58) Fluorene	10.498	166	1432119	54.944	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	398607	63.842	ng		98
60) Diethylphthalate	10.369	149	1515452	58.568	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	714047	56.782	ng		99
62) 4-Nitroaniline	10.510	138	265178	58.823	ng		100
63) Azobenzene	10.645	77	1434293	58.009	ng		100
65) 4,6-Dinitro-2-methylph...	10.533	198	199546	60.816	ng		96
66) n-Nitrosodiphenylamine	10.604	169	1330840	58.927	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	461892	60.048	ng		99
68) Hexachlorobenzene	11.039	284	504486	59.625	ng		100
69) Atrazine	11.128	200	376071	63.169	ng		100
70) Pentachlorophenol	11.233	266	304541	68.419	ng		98
71) Phenanthrene	11.457	178	2009150	56.475	ng		99
72) Anthracene	11.510	178	2082880	56.980	ng		100
73) Carbazole	11.663	167	1854181	56.538	ng		100
74) Di-n-butylphthalate	11.992	149	2073826	60.137	ng		100
75) Fluoranthene	12.645	202	1946773	54.742	ng		100
77) Benzidine	12.769	184	434063	66.599	ng		100
78) Pyrene	12.874	202	1954922	61.239	ng		100
80) Butylbenzylphthalate	13.492	149	591132	62.274	ng		99
81) Benzo(a)anthracene	14.063	228	1394561	60.043	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	347469	64.332	ng		99
83) Chrysene	14.098	228	1293807	59.838	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	769940	62.098	ng		99
85) Di-n-octyl phthalate	14.668	149	1414997	61.963	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1749961	64.842	ng		100
88) Benzo(b)fluoranthene	15.127	252	1328806	56.551	ng		99
89) Benzo(k)fluoranthene	15.157	252	1296375	60.288	ng		99
90) Benzo(a)pyrene	15.504	252	1302088	61.838	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1424781	63.902	ng		99
92) Benzo(g,h,i)perylene	17.539	276	1426095	64.444	ng		99

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

ICAL Form

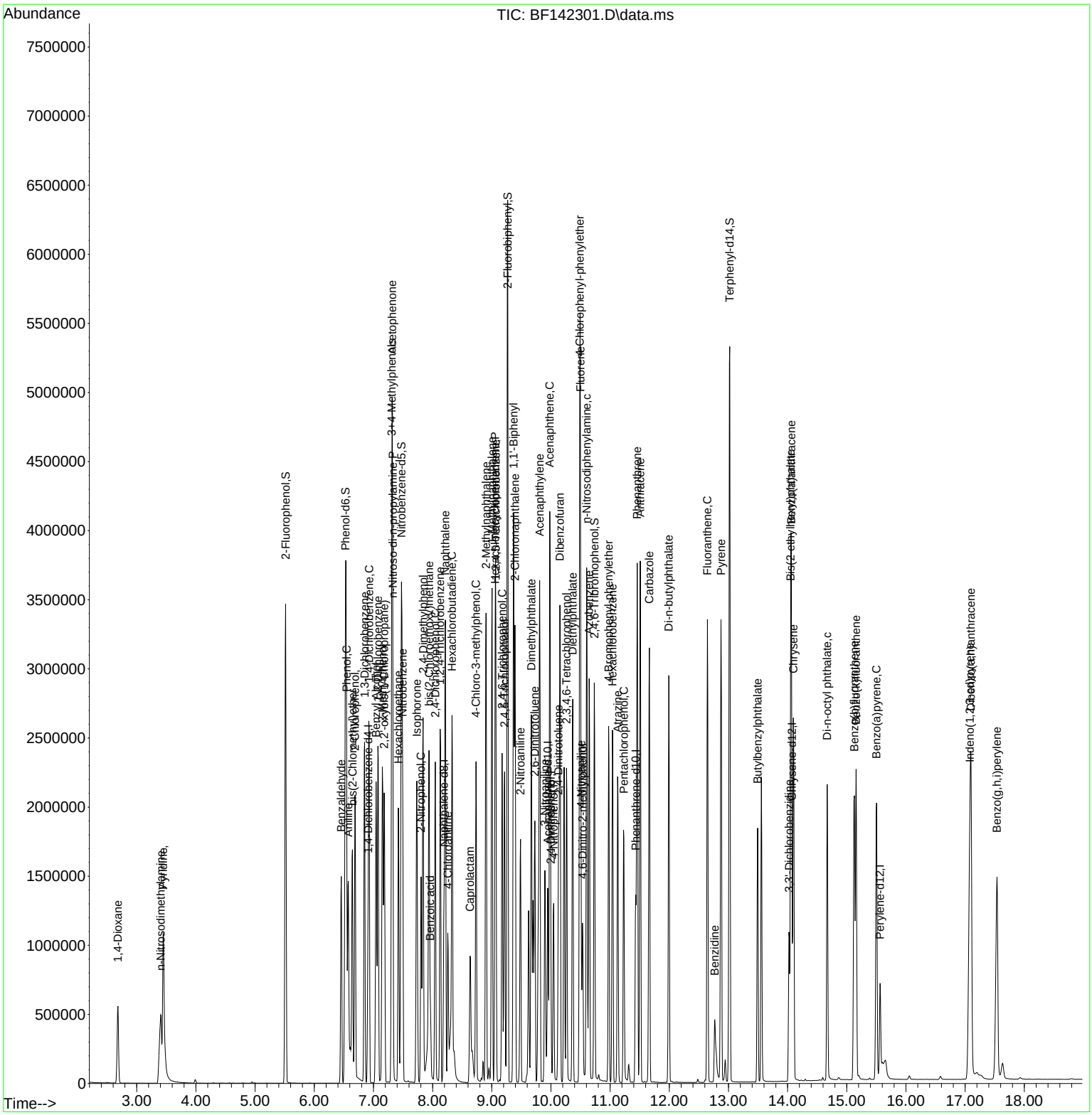
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142301.D
Acq On : 05 May 2025 16:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

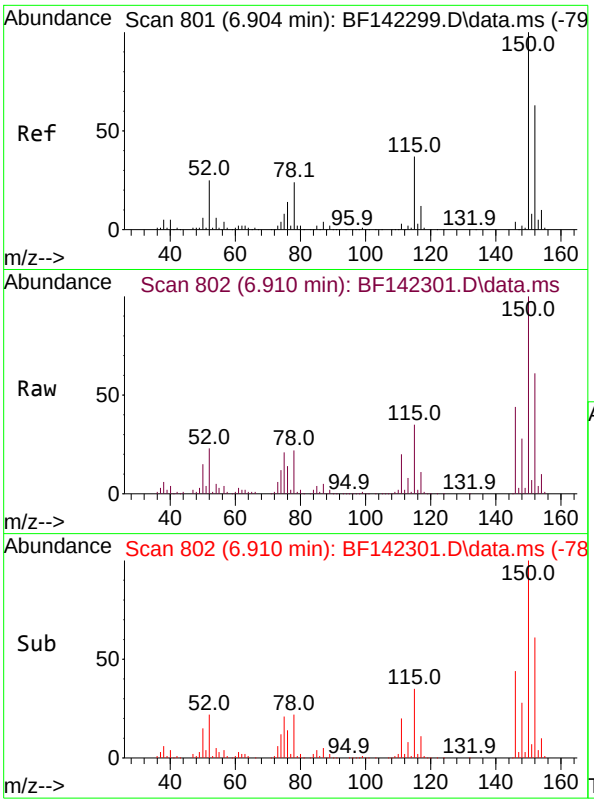
Quant Time: May 05 18:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 17:44:56 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

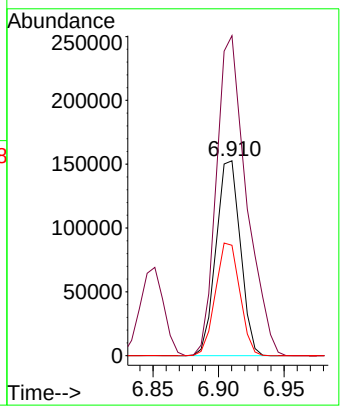




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:152 Resp: 19745

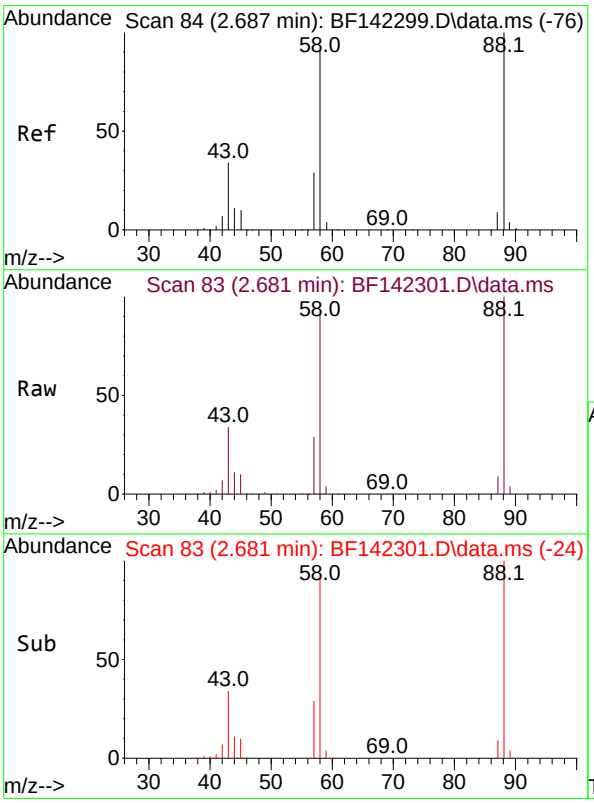
Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.6	190.0
115	56.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

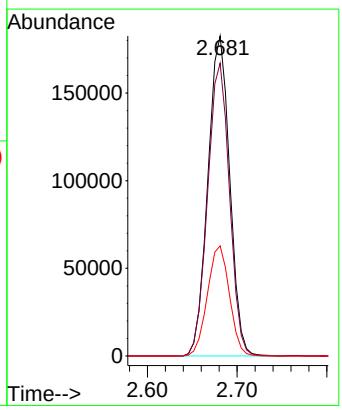
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

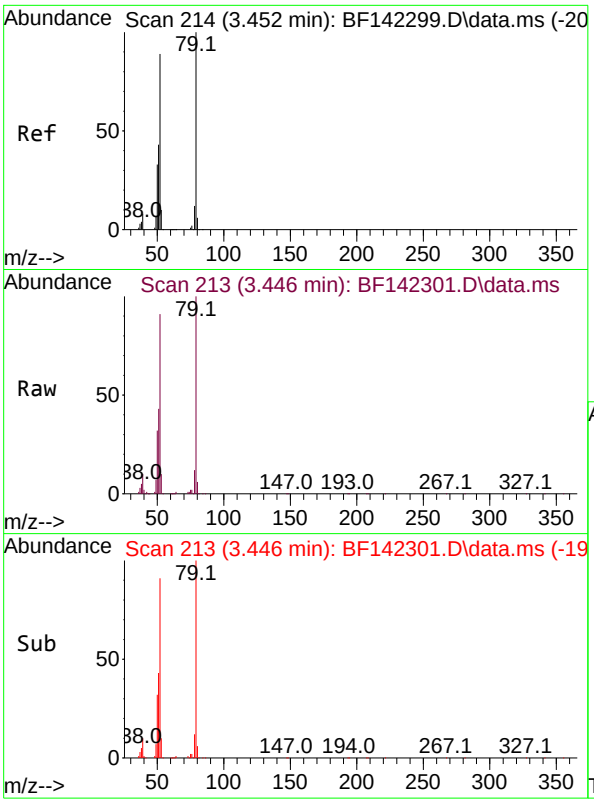


#2
1,4-Dioxane
Concen: 59.255 ng
RT: 2.681 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 88 Resp: 308652

Ion	Ratio	Lower	Upper
88	100		
58	91.5	73.0	109.4
43	34.7	27.8	41.6

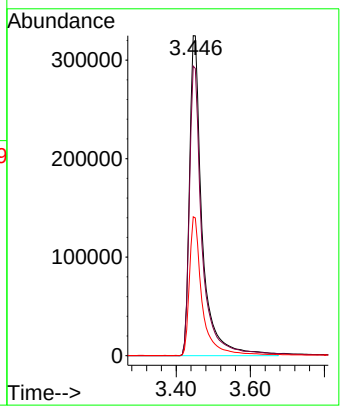




#3
Pyridine
Concen: 63.459 ng
RT: 3.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 79 Resp: 77725

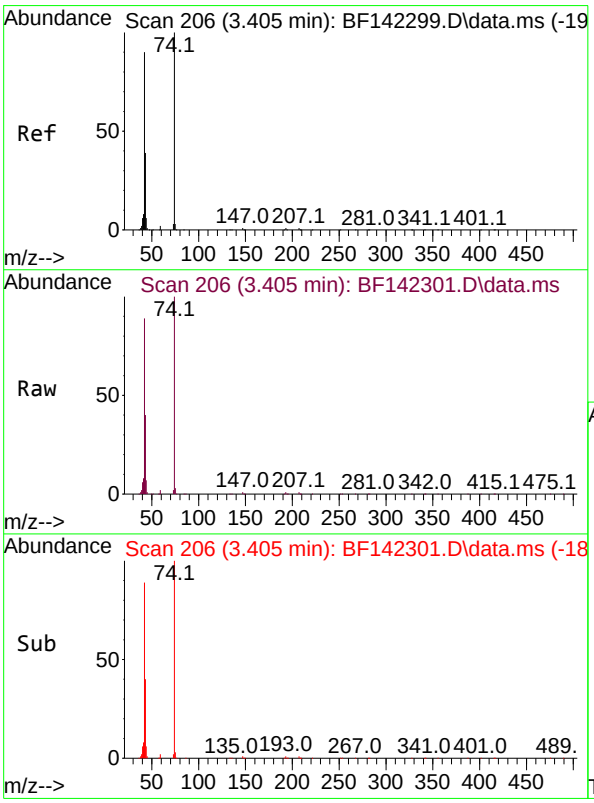
Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.0	106.4
51	43.4	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

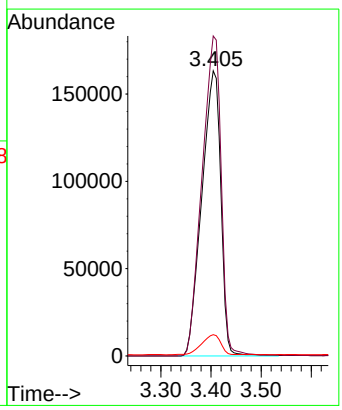
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

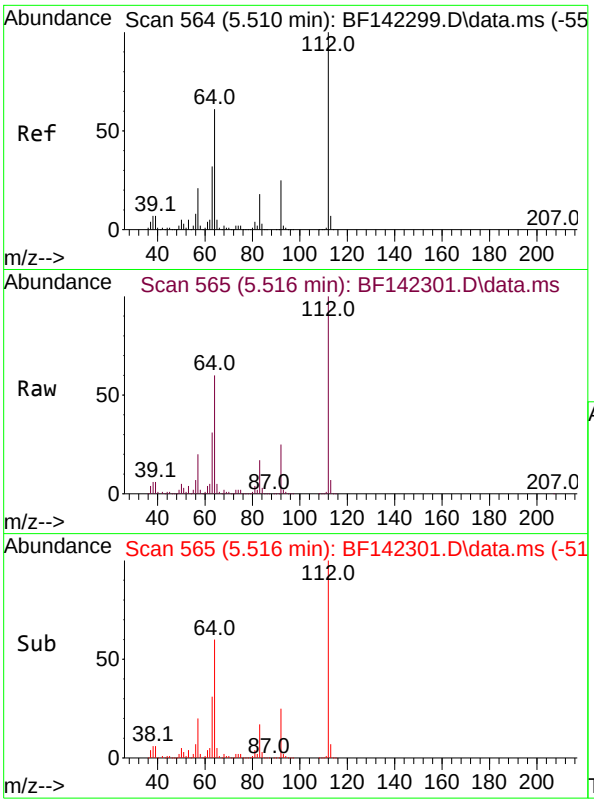


#4
n-Nitrosodimethylamine
Concen: 60.476 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 42 Resp: 429842

Ion	Ratio	Lower	Upper
42	100		
74	112.2	88.5	132.7
44	7.4	5.8	8.8





#5
2-Fluorophenol
Concen: 119.365 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

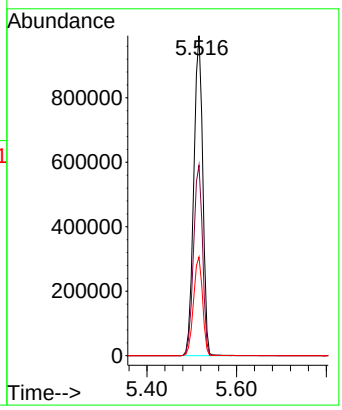
Tgt Ion:112 Resp: 138070

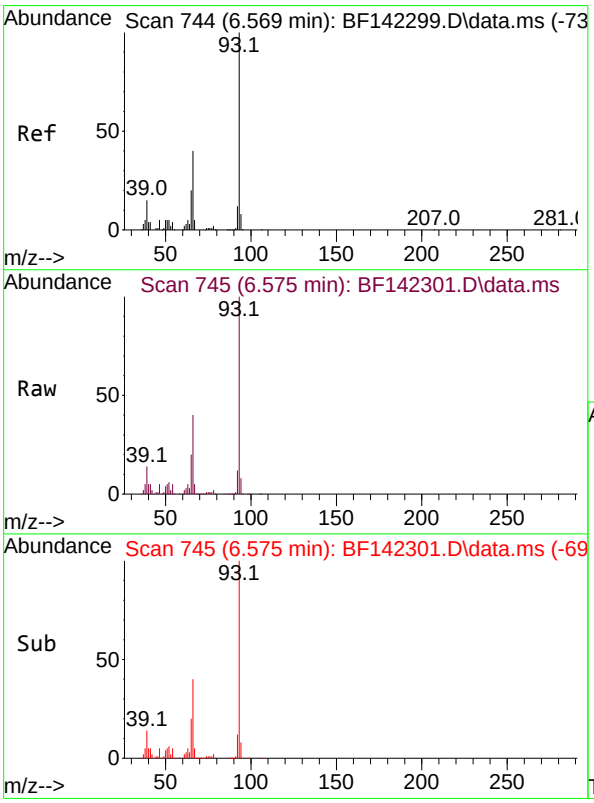
Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.9	73.3
63	30.8	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

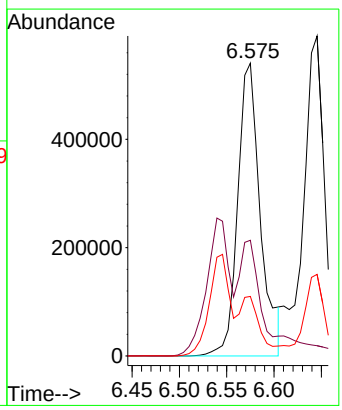


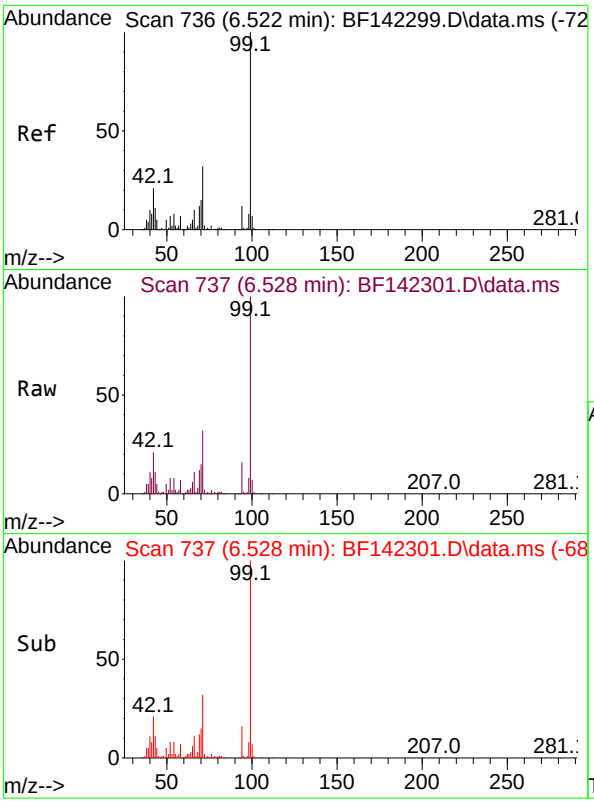


#6
Aniline
Concen: 64.503 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 93 Resp: 900100

Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.2	48.4
65	20.3	16.3	24.5

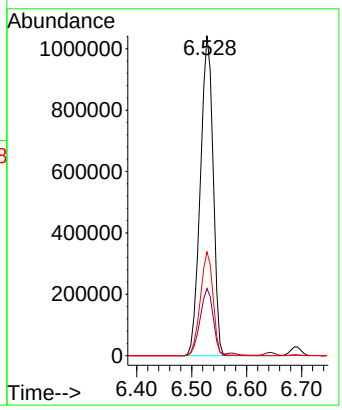




#7
Phenol-d6
Concen: 118.204 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 99 Resp: 168164

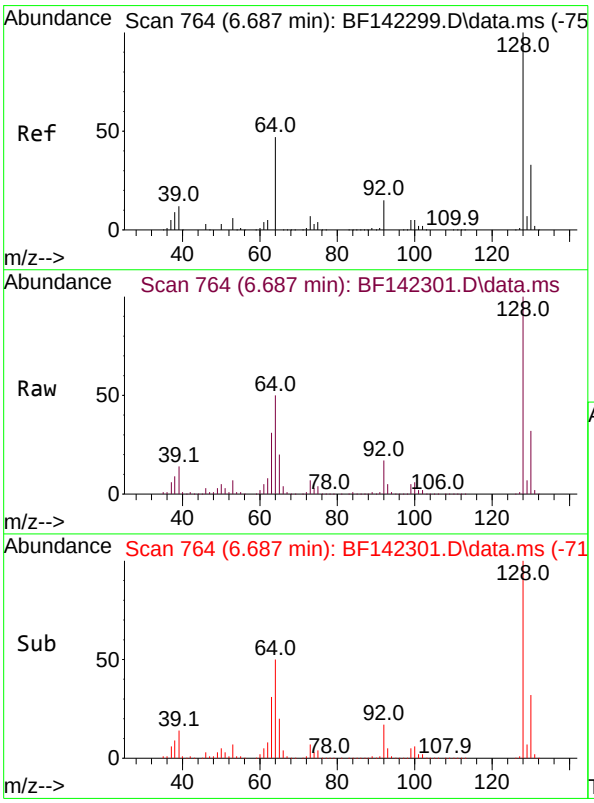
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.4
71	32.5	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

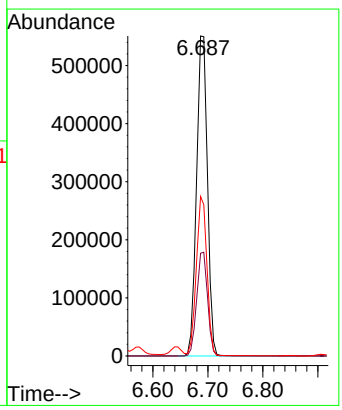
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

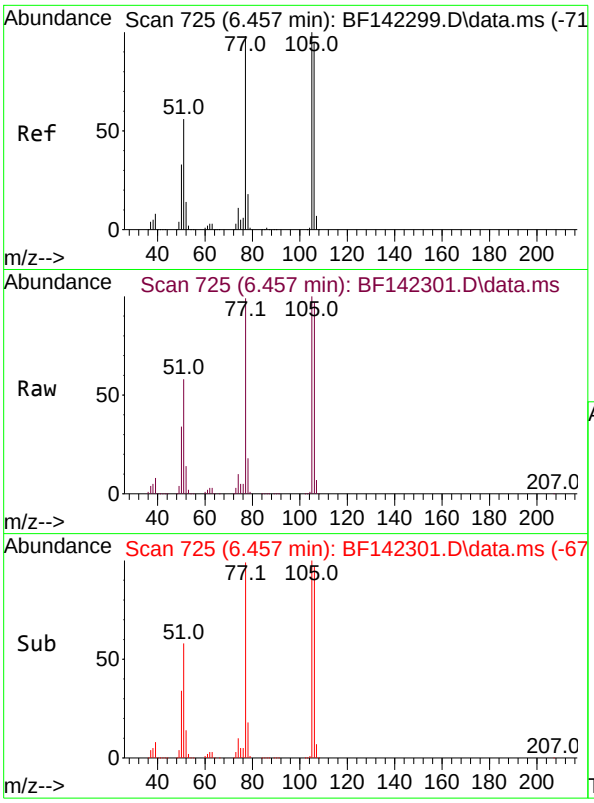


#8
2-Chlorophenol
Concen: 61.504 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:128 Resp: 760230

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.7	52.7
64	49.8	29.2	69.2

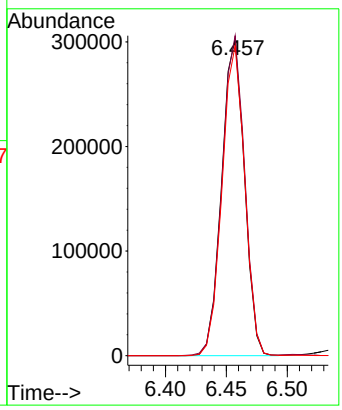




#9
Benzaldehyde
Concen: 47.164 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 39271

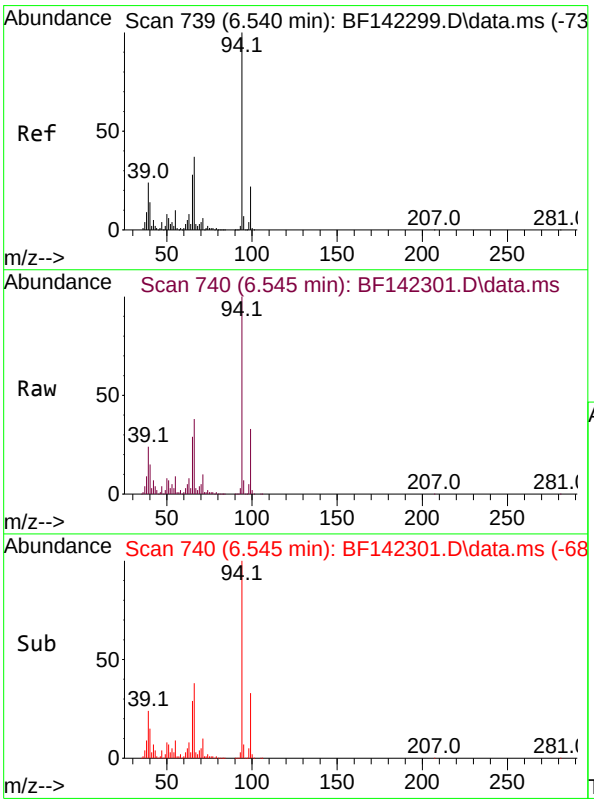
Ion	Ratio	Lower	Upper
77	100		
105	101.2	82.0	122.0
106	98.0	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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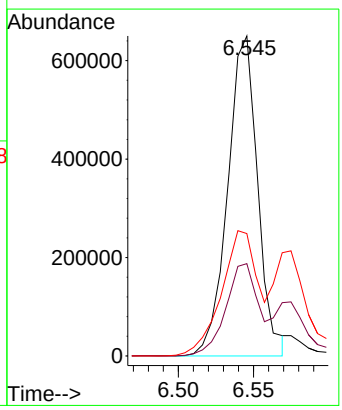
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

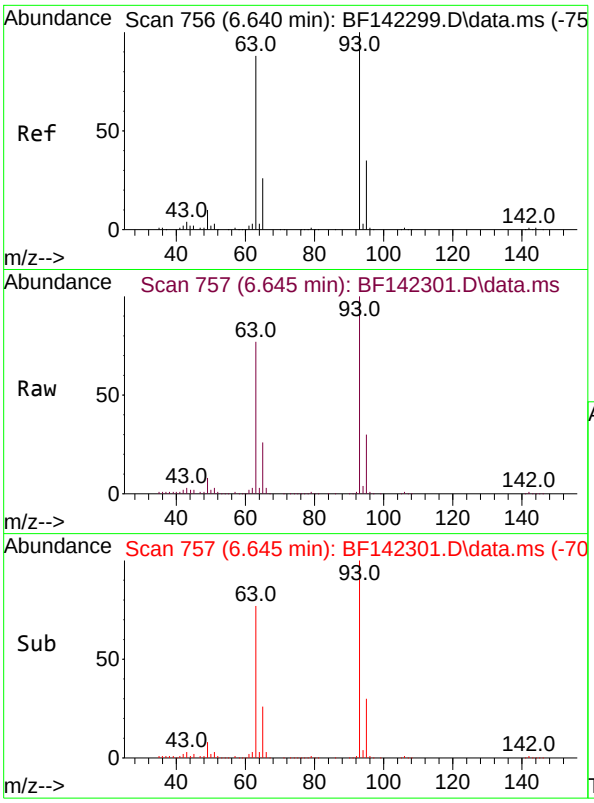


#10
Phenol
Concen: 59.871 ng m
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 94 Resp: 902878

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	38.3	17.3	57.3

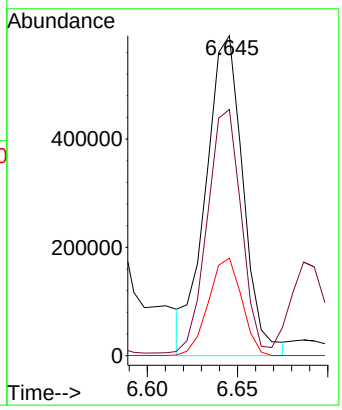




#11
bis(2-Chloroethyl)ether
Concen: 57.408 ng m
RT: 6.645 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 93 Resp: 85374

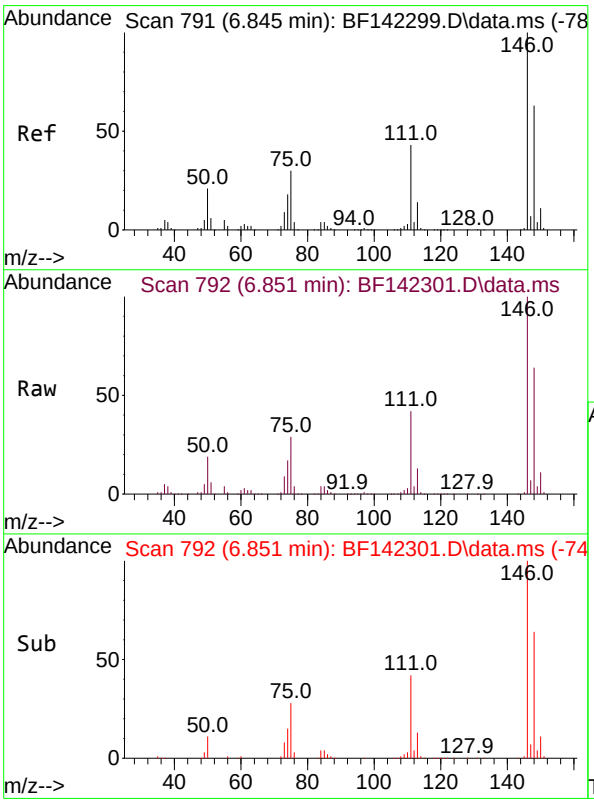
Ion	Ratio	Lower	Upper
93	100		
63	77.0	58.4	98.4
95	30.5	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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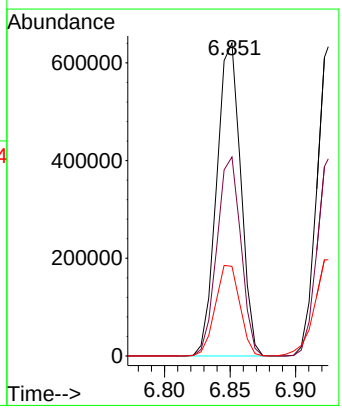
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

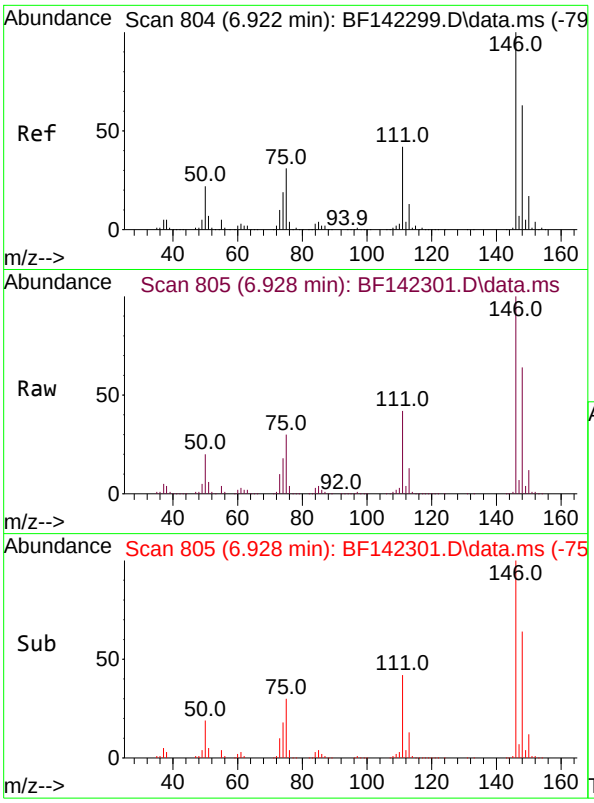


#12
1,3-Dichlorobenzene
Concen: 57.752 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 816681

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
75	28.6	24.2	36.4

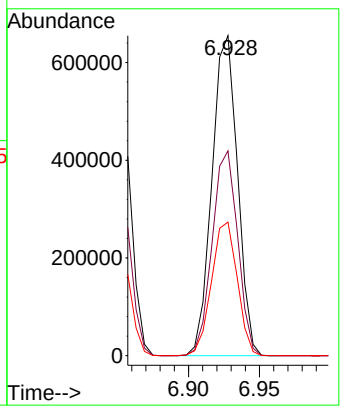




#13
1,4-Dichlorobenzene
Concen: 57.814 ng
RT: 6.928 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 82088

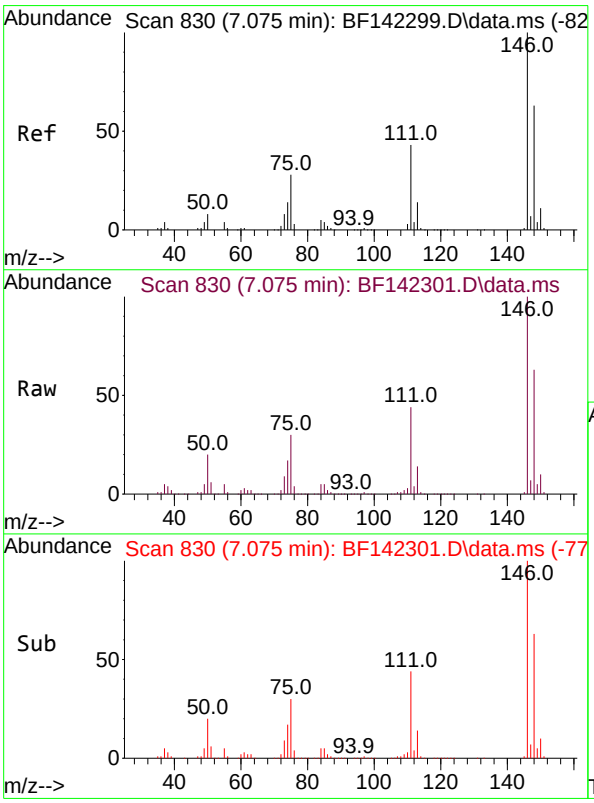
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
111	41.8	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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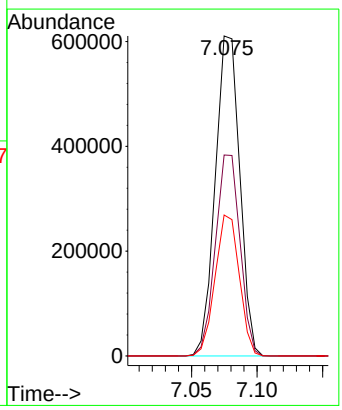
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

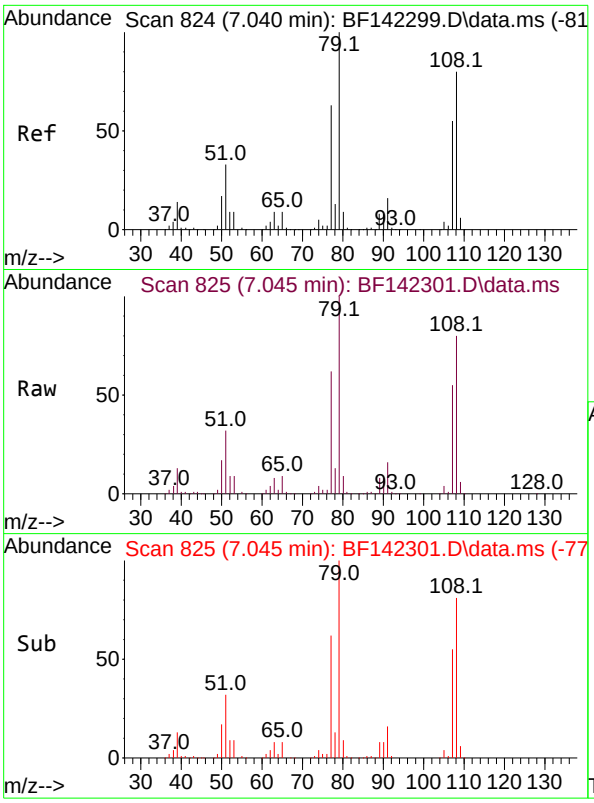


#14
1,2-Dichlorobenzene
Concen: 58.260 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:146 Resp: 794010

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	44.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 64.809 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

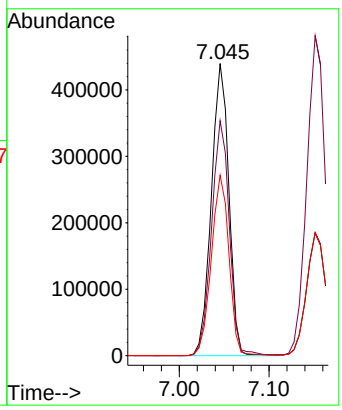
Tgt Ion: 79 Resp: 59703

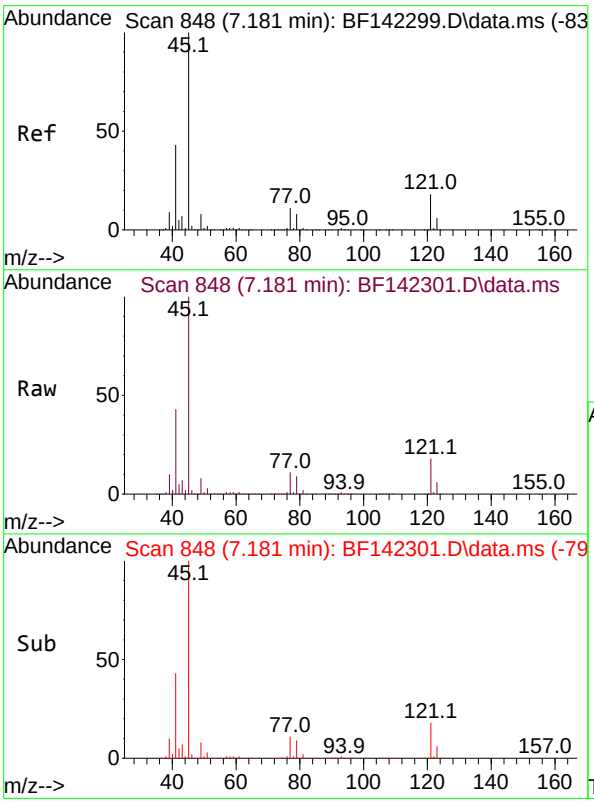
Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.9	95.9
77	61.8	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

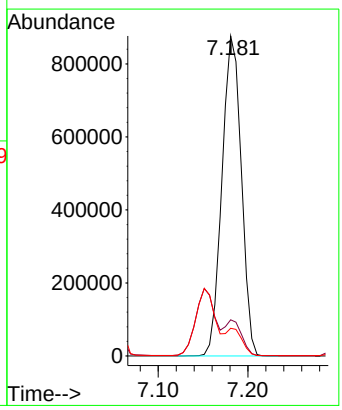


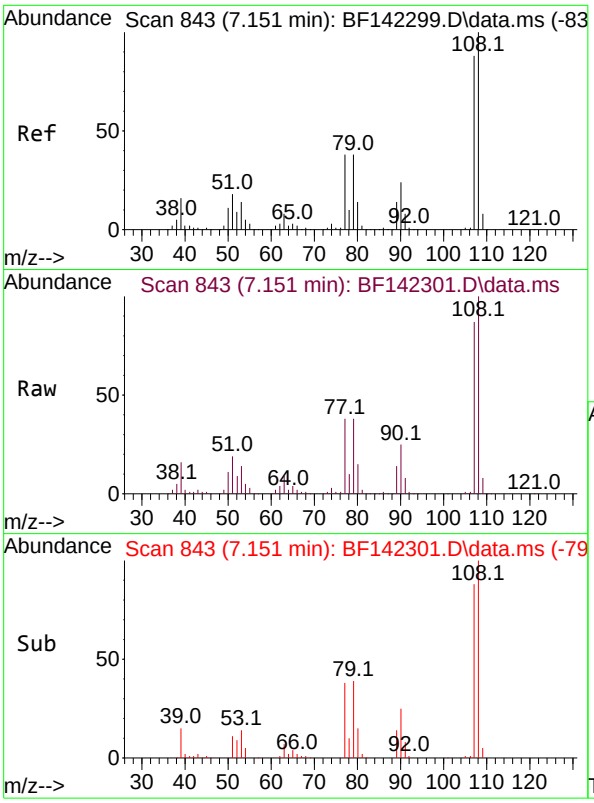


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.989 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 45 Resp: 1310008

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.7	0.0	28.5

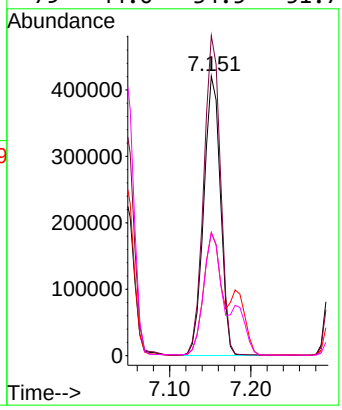




#17
2-Methylphenol
Concen: 59.949 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 59992

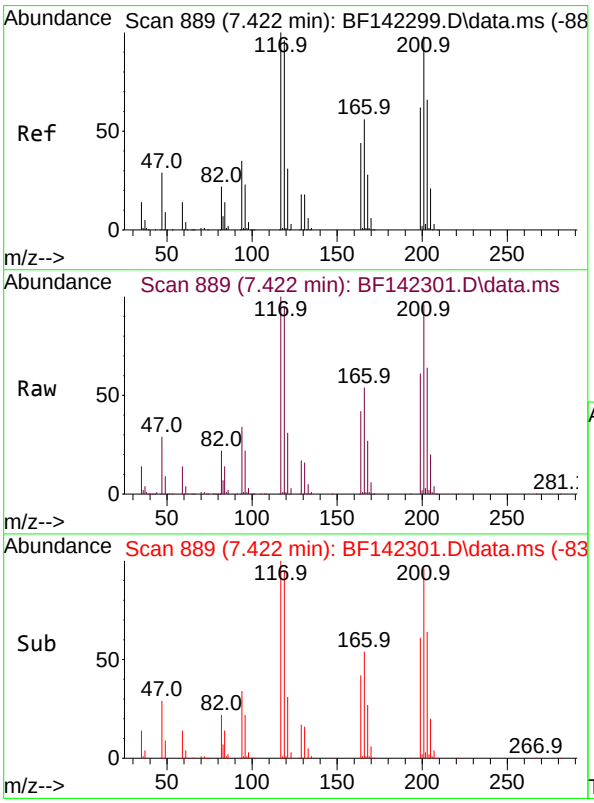
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.1	136.7
77	44.0	34.7	52.1
79	44.0	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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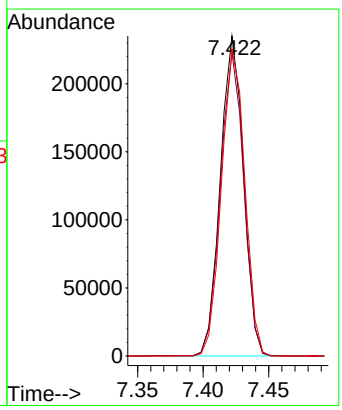
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

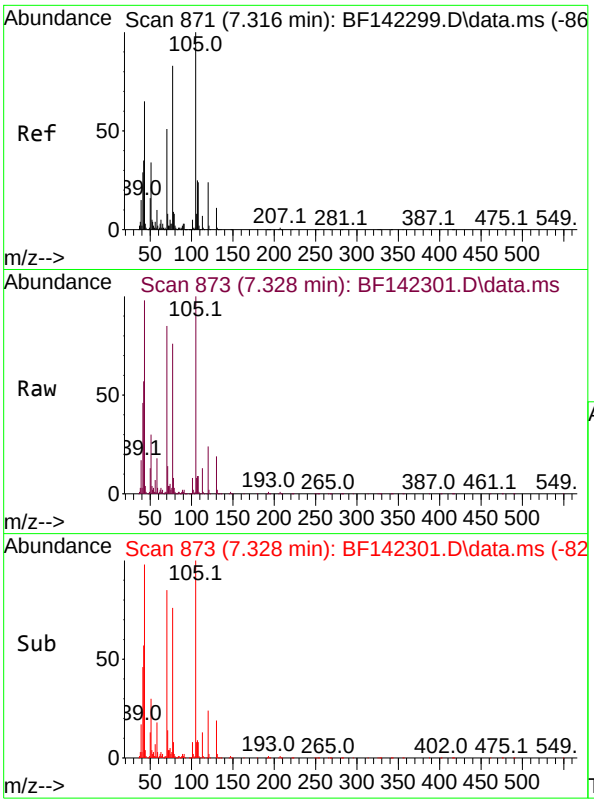


#18
Hexachloroethane
Concen: 61.032 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:117 Resp: 288326

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
201	95.9	78.0	117.0

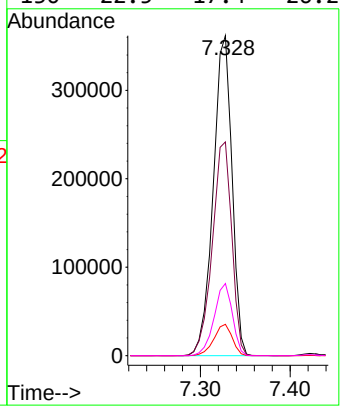




#19
n-Nitroso-di-n-propylamine
Concen: 59.543 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 70 Resp: 52398

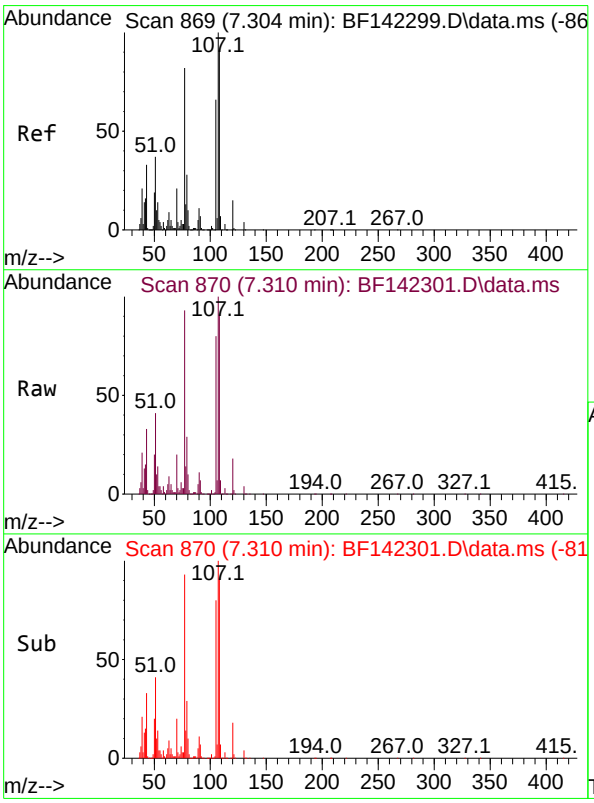
Ion	Ratio	Lower	Upper
70	100		
42	66.8	54.8	82.2
101	9.8	7.7	11.5
130	22.5	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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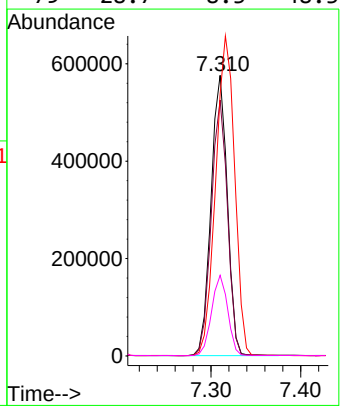
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

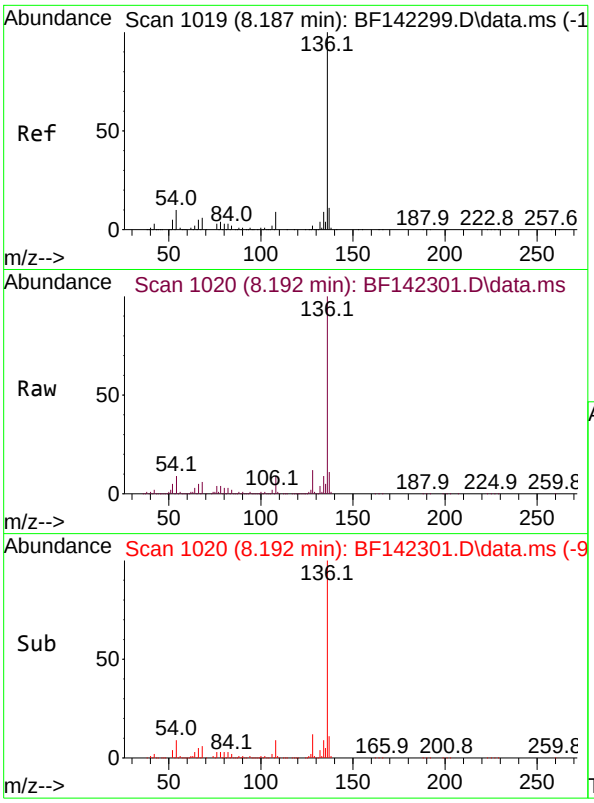


#20
3+4-Methylphenols
Concen: 58.165 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 726451

Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.5	111.5
77	93.3	61.6	101.6
79	28.7	8.3	48.3

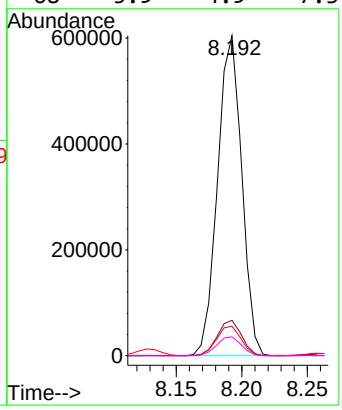




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:136 Resp: 77418

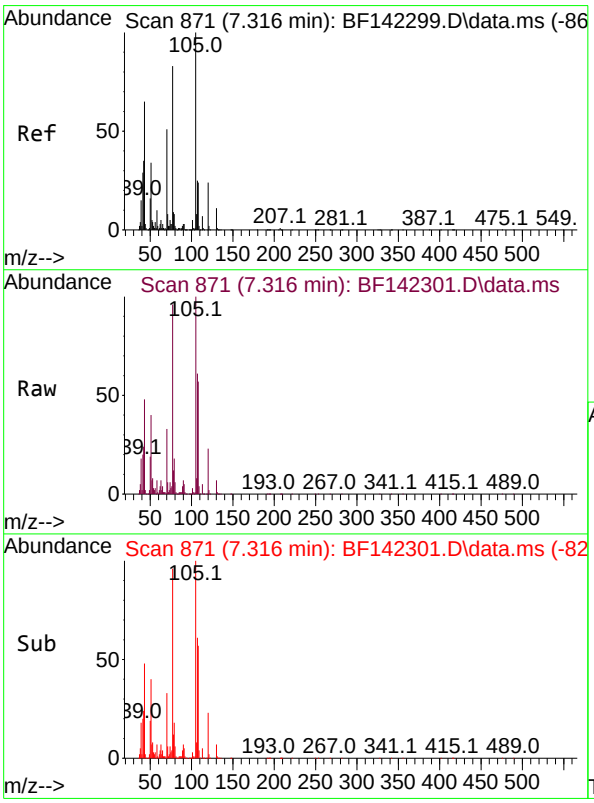
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	7.7	11.5
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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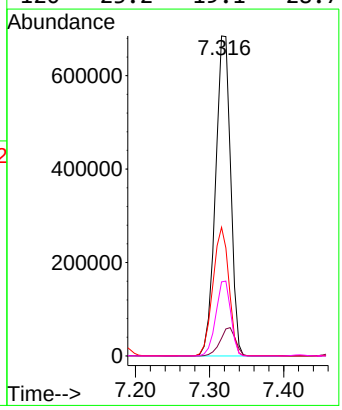
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

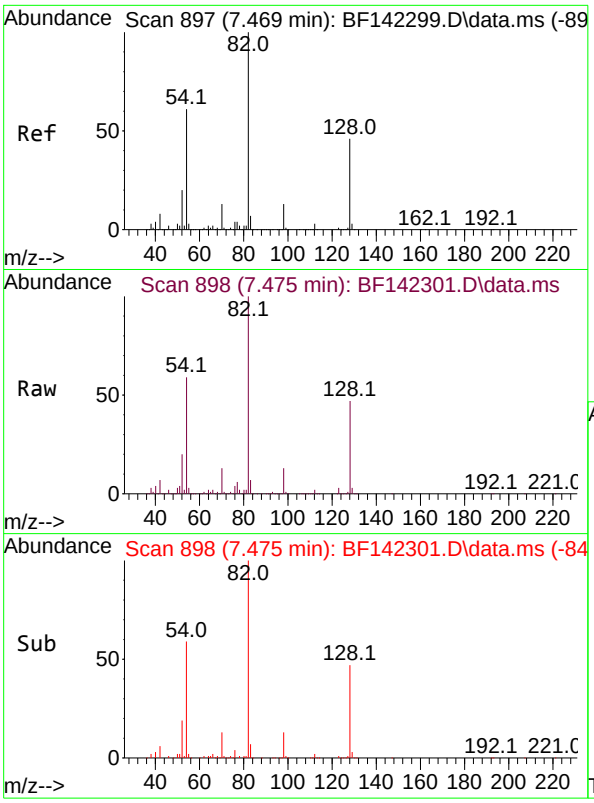


#22
Acetophenone
Concen: 56.476 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:105 Resp: 972165

Ion	Ratio	Lower	Upper
105	100		
71	5.5	6.7	10.1#
51	40.2	27.6	41.4
120	23.2	19.1	28.7

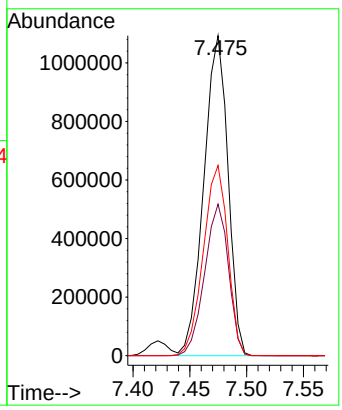




#23
Nitrobenzene-d5
Concen: 127.189 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 82 Resp: 161455

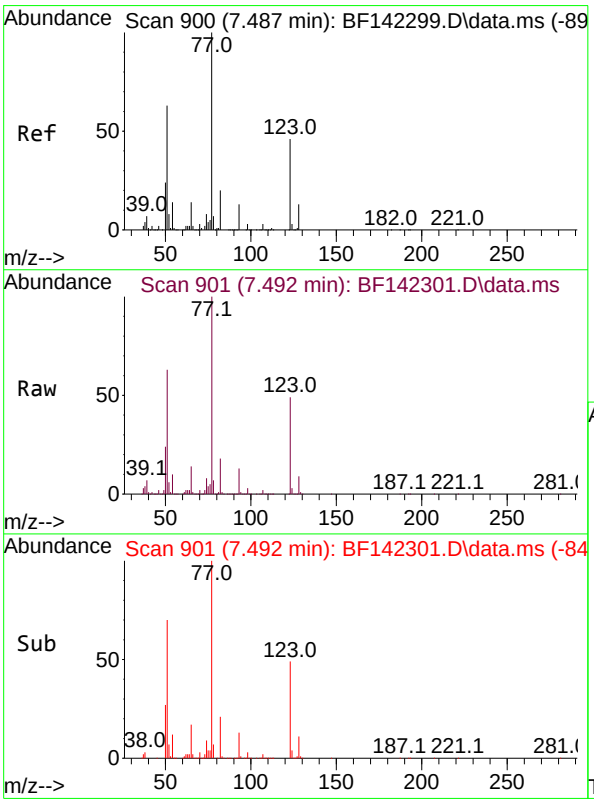
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	59.4	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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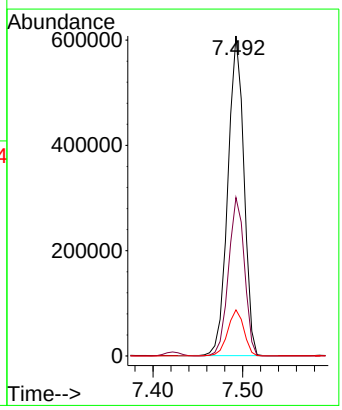
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

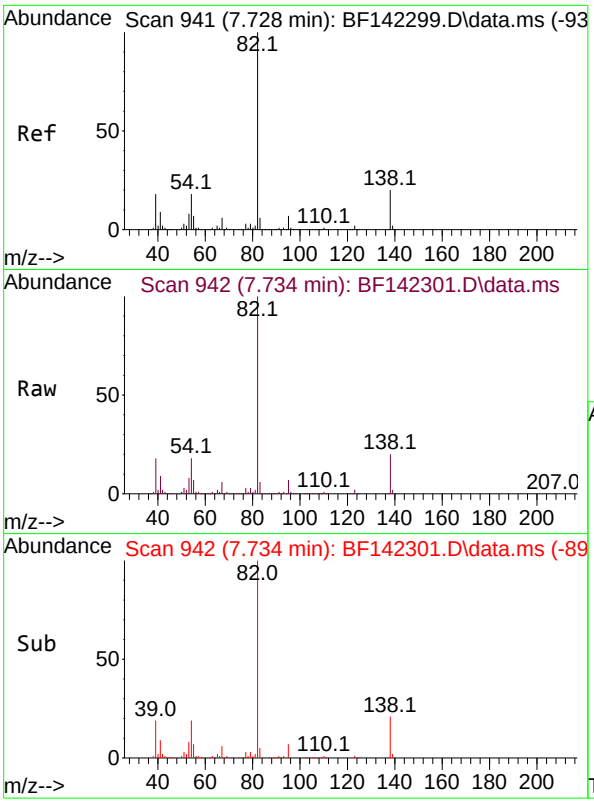


#24
Nitrobenzene
Concen: 62.999 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 753847

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.8	56.8
65	14.4	11.4	17.0

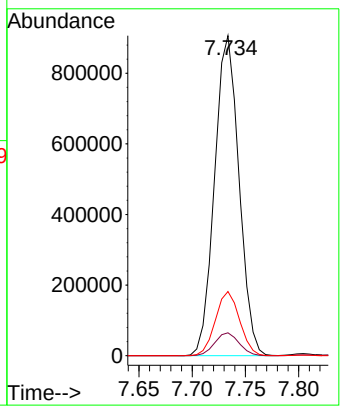




#25
Isophorone
Concen: 60.087 ng
RT: 7.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 82 Resp: 144439

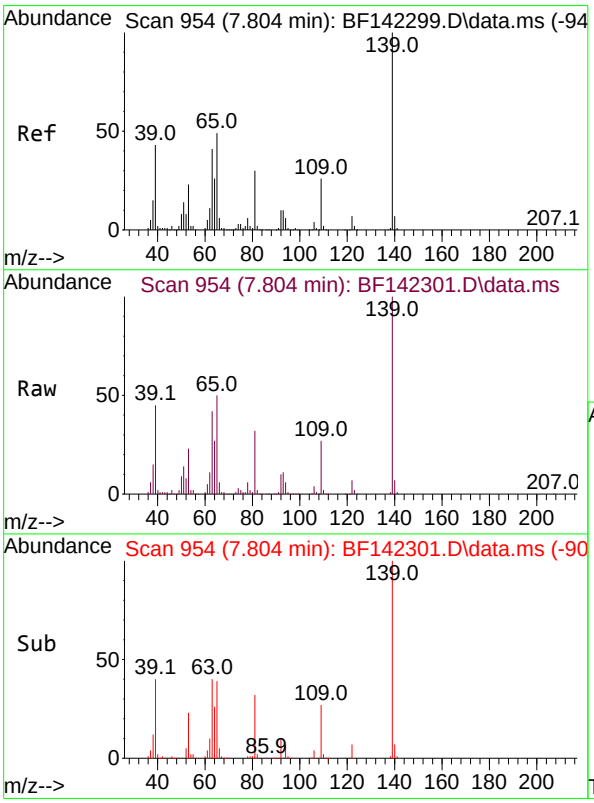
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	20.1	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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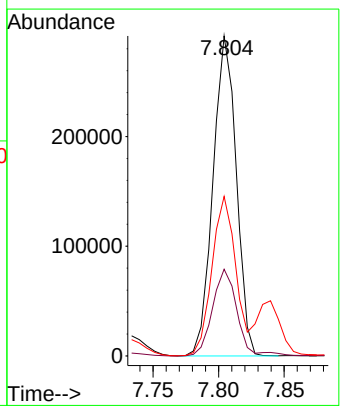
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

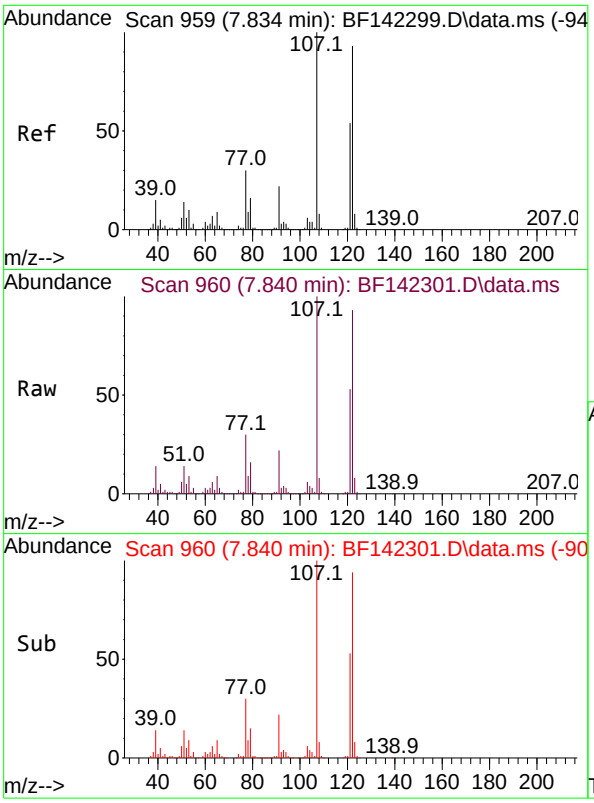


#26
2-Nitrophenol
Concen: 61.112 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:139 Resp: 359513

Ion	Ratio	Lower	Upper
139	100		
109	27.1	20.8	31.2
65	49.9	38.9	58.3

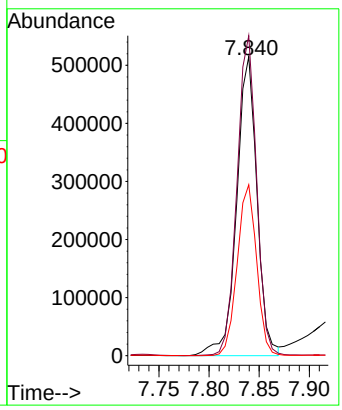




#27
2,4-Dimethylphenol
Concen: 60.325 ng
RT: 7.840 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:122 Resp: 72906

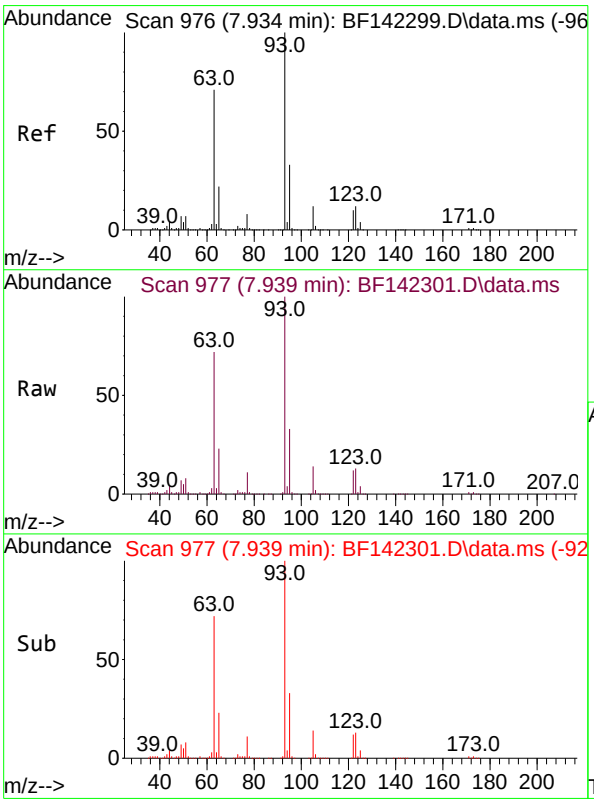
Ion	Ratio	Lower	Upper
122	100		
107	107.0	86.0	129.0
121	57.2	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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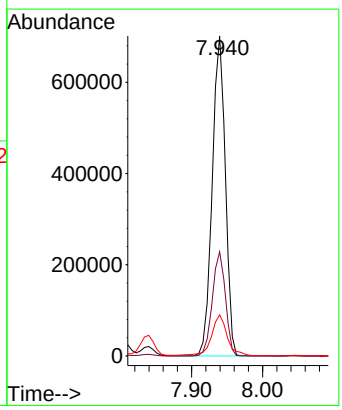
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

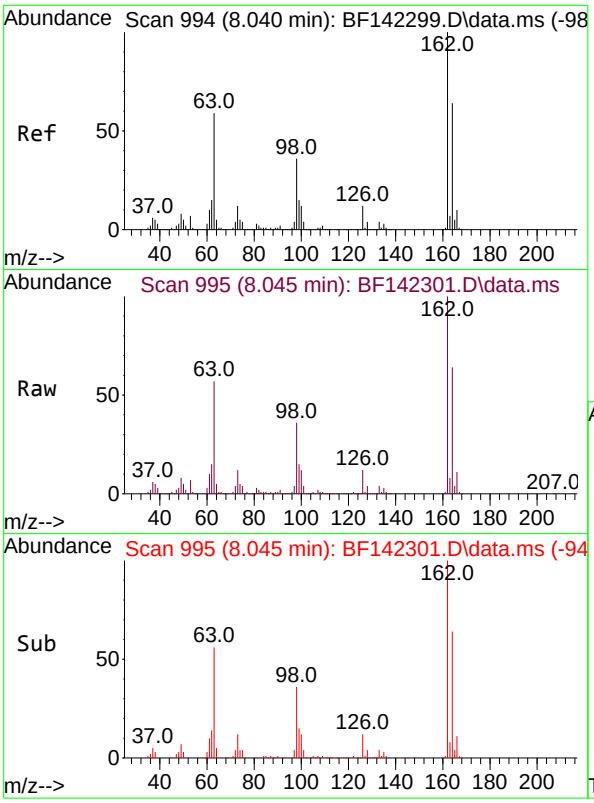


#28
bis(2-Chloroethoxy)methane
Concen: 58.015 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 93 Resp: 896741

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.8	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 61.967 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

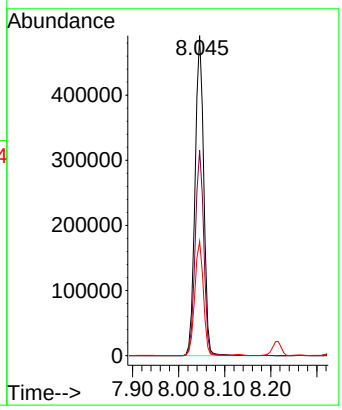
Tgt Ion:162 Resp: 63671

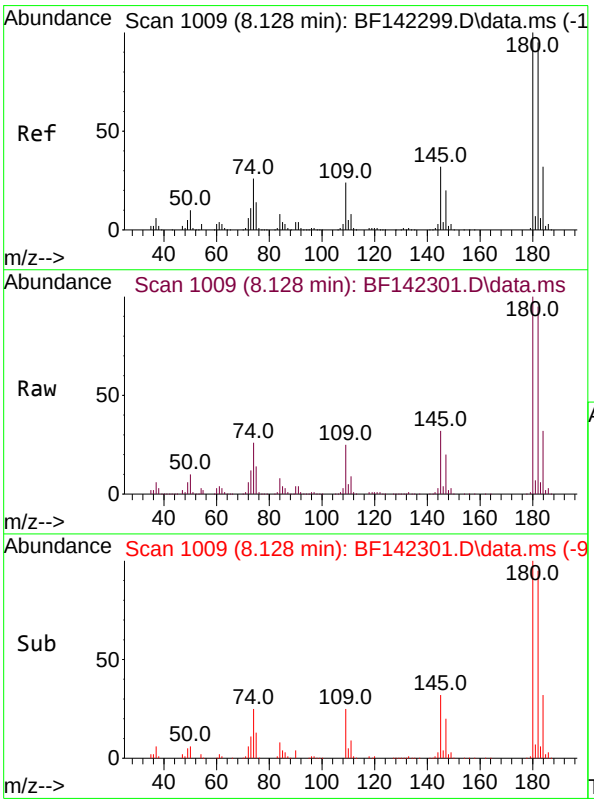
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	35.7	16.5	56.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

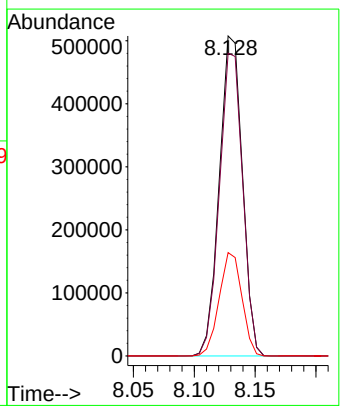


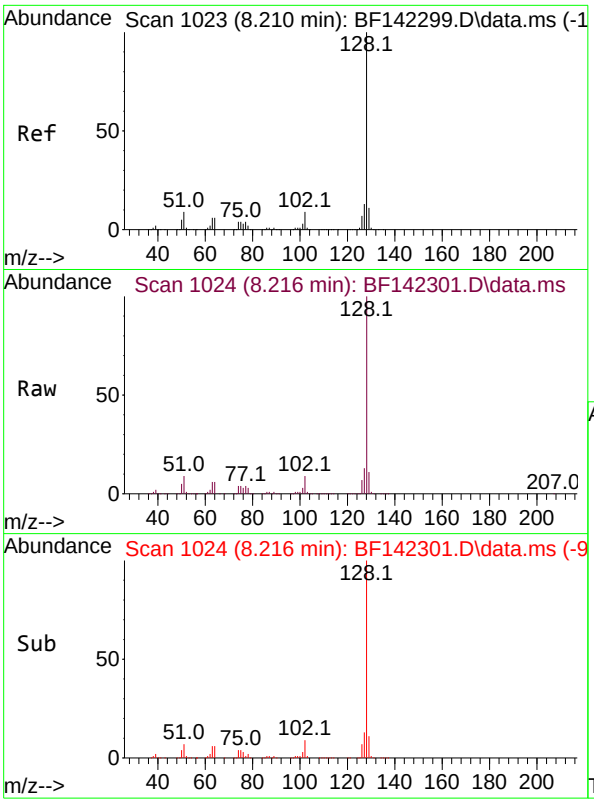


#30
1,2,4-Trichlorobenzene
Concen: 57.949 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:180 Resp: 670104

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.4
145	32.3	25.8	38.6





#31
Naphthalene
Concen: 56.052 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

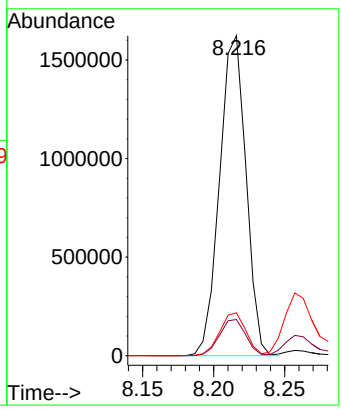
Tgt Ion:128 Resp: 210314

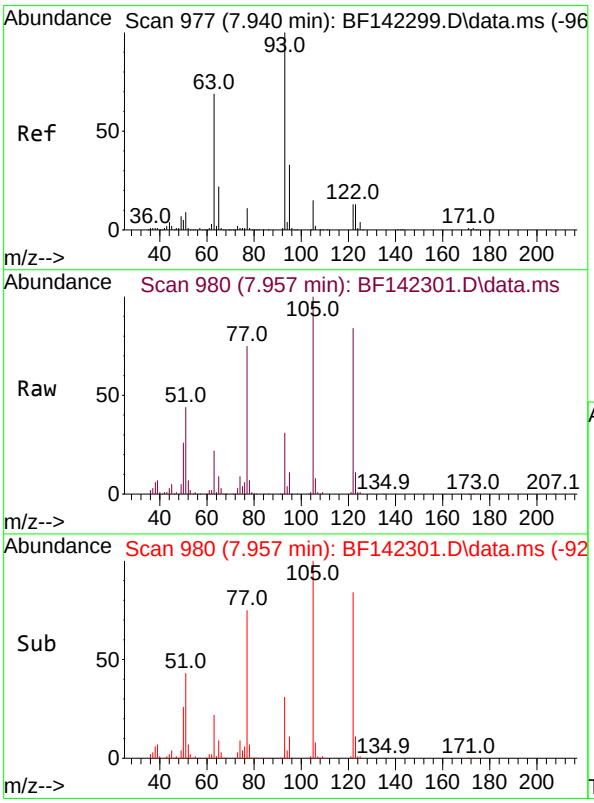
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

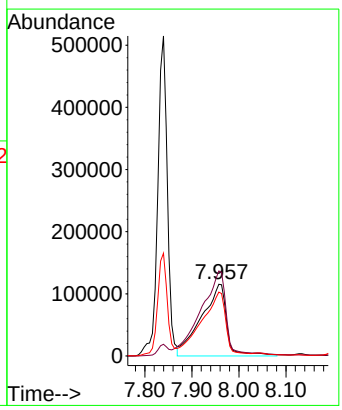


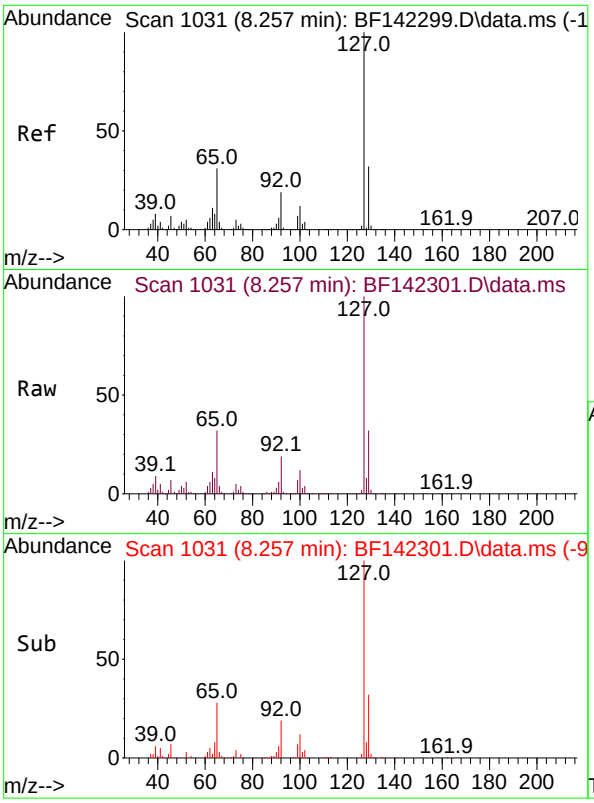


#32
Benzoic acid
Concen: 61.871 ng m
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:122 Resp: 433085

Ion	Ratio	Lower	Upper
122	100		
105	118.7	97.9	137.9
77	89.0	67.7	107.7

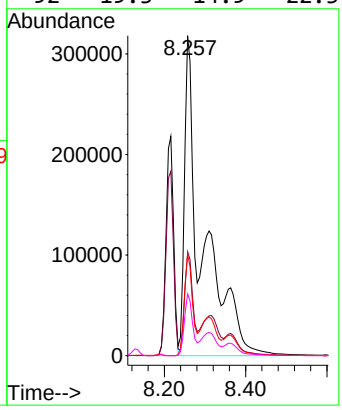




#33
4-Chloroaniline
Concen: 63.039 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:127 Resp: 96342

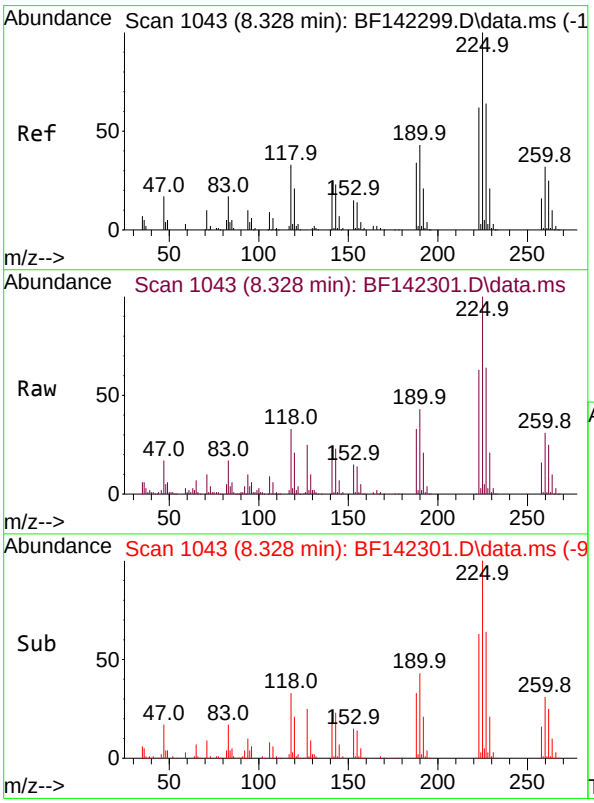
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	31.7	24.9	37.3
92	19.3	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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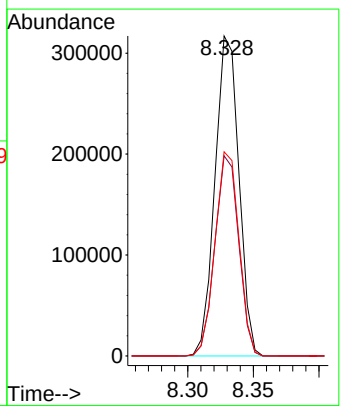
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

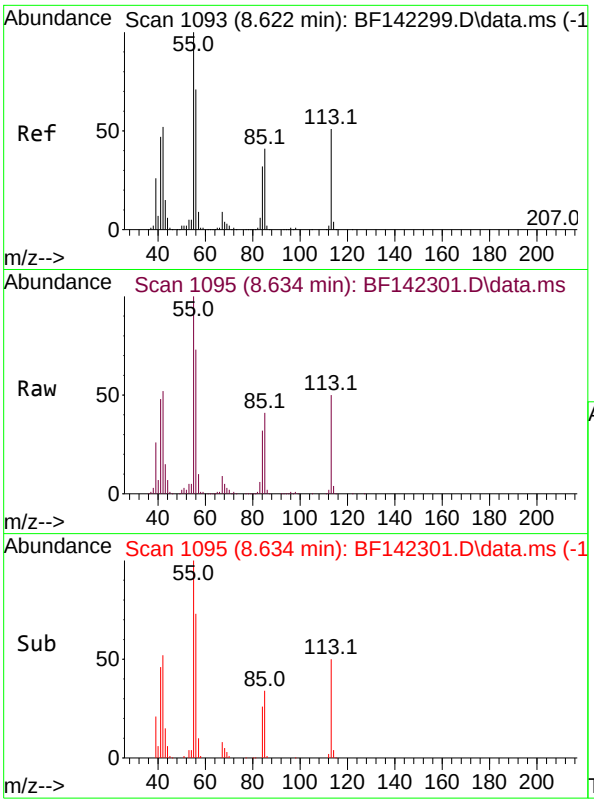


#34
Hexachlorobutadiene
Concen: 58.657 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:225 Resp: 401644

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.8	50.9	76.3

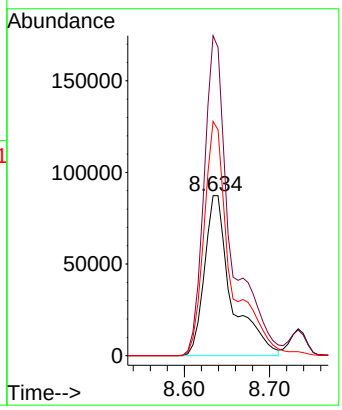




#35
Caprolactam
Concen: 64.619 ng
RT: 8.634 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:113 Resp: 19309

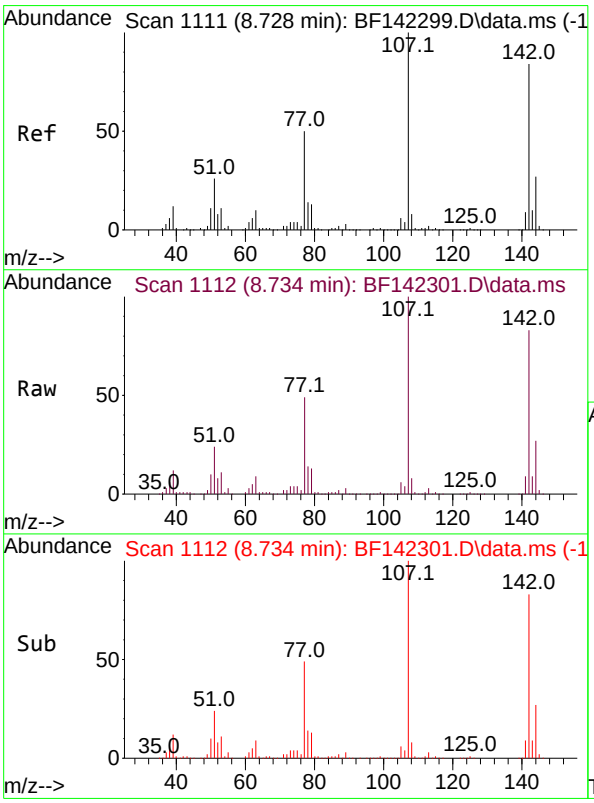
Ion	Ratio	Lower	Upper
113	100		
55	200.0	176.4	216.4
56	146.4	120.3	160.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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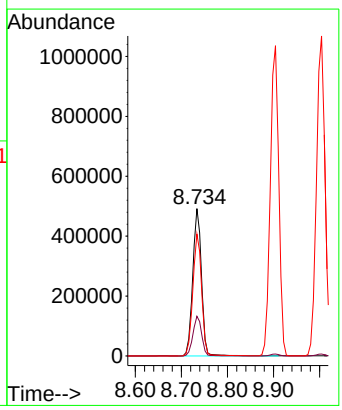
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

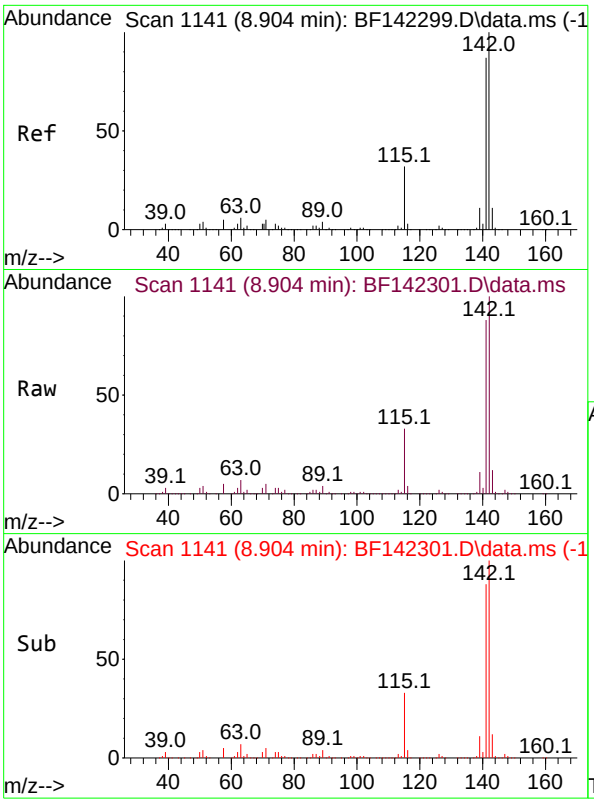


#36
4-Chloro-3-methylphenol
Concen: 60.738 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:107 Resp: 648747

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.3	31.9
142	82.8	66.9	100.3





#37
2-Methylnaphthalene
Concen: 56.607 ng
RT: 8.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

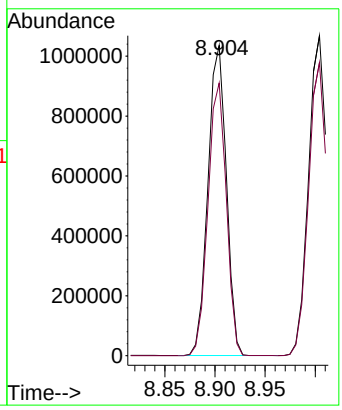
Tgt Ion:142 Resp: 131979

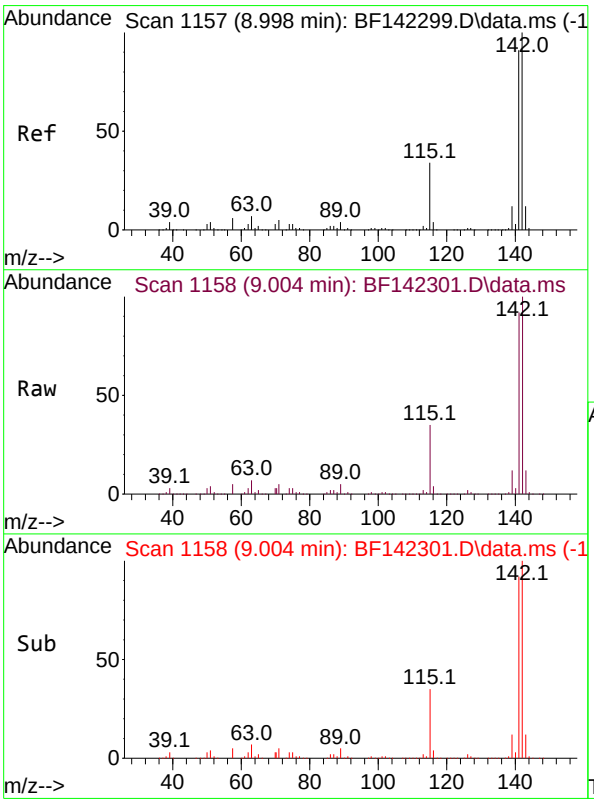
Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

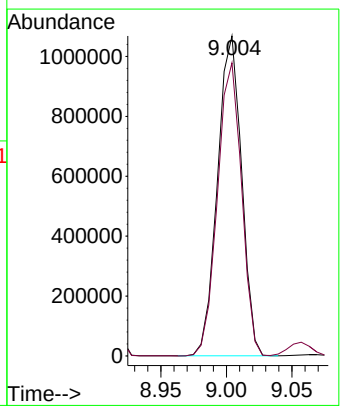


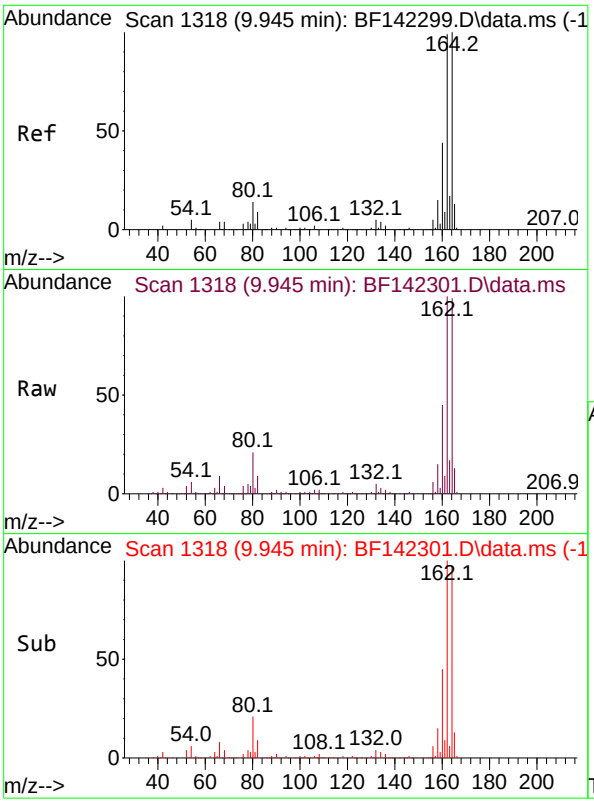


#38
1-Methylnaphthalene
Concen: 56.109 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:142 Resp: 1363474

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7

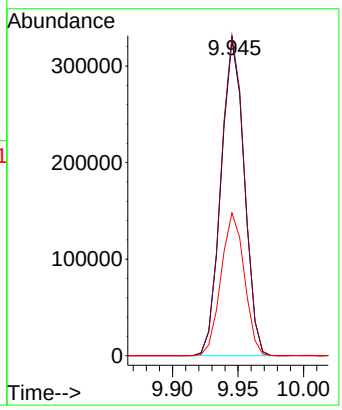




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:164 Resp: 40349

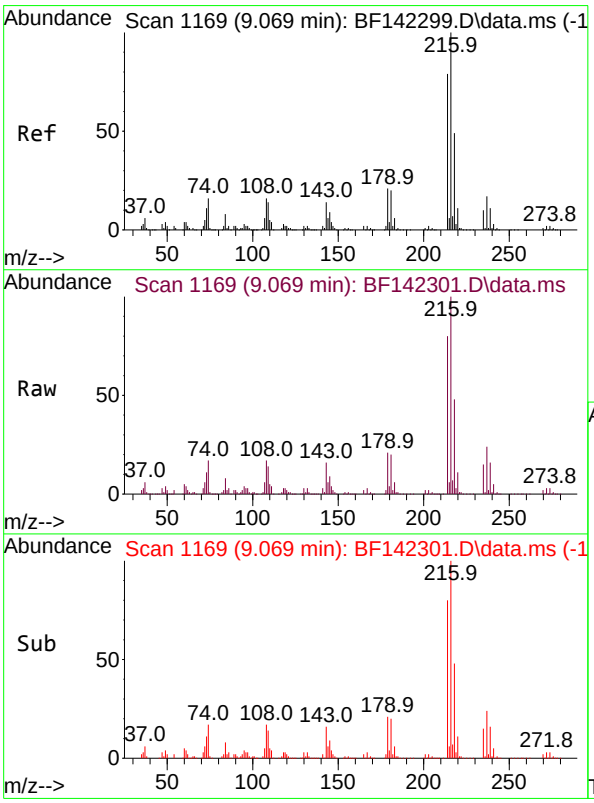
Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.2	118.8
160	45.2	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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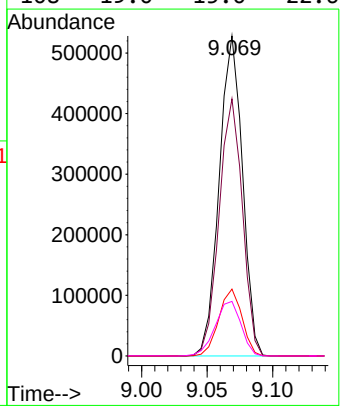
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

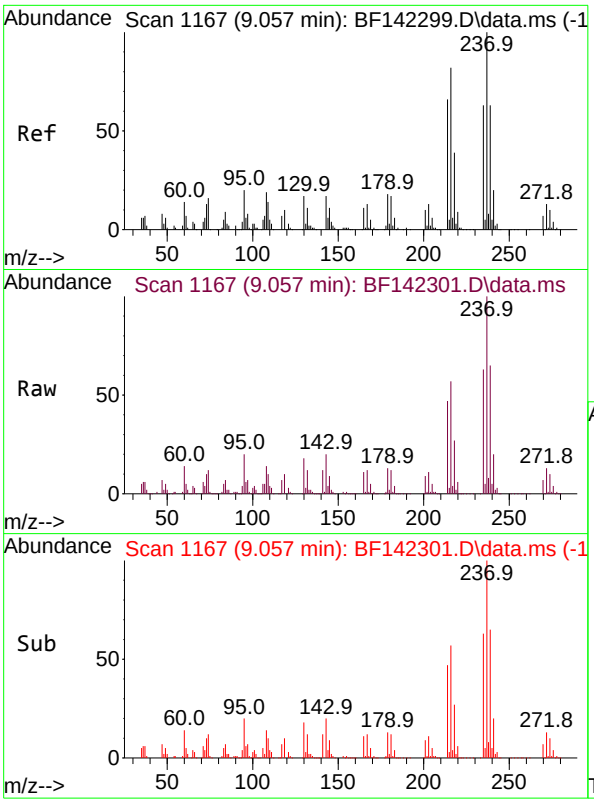


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.740 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:216 Resp: 650696

Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.6
179	20.9	17.0	25.6
108	19.0	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 65.925 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

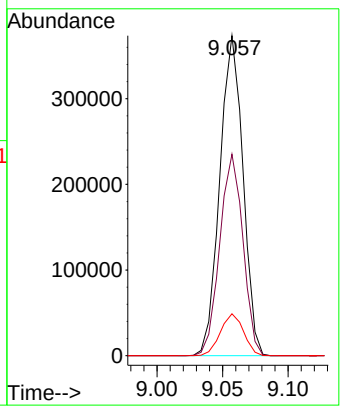
Tgt Ion:237 Resp: 45914

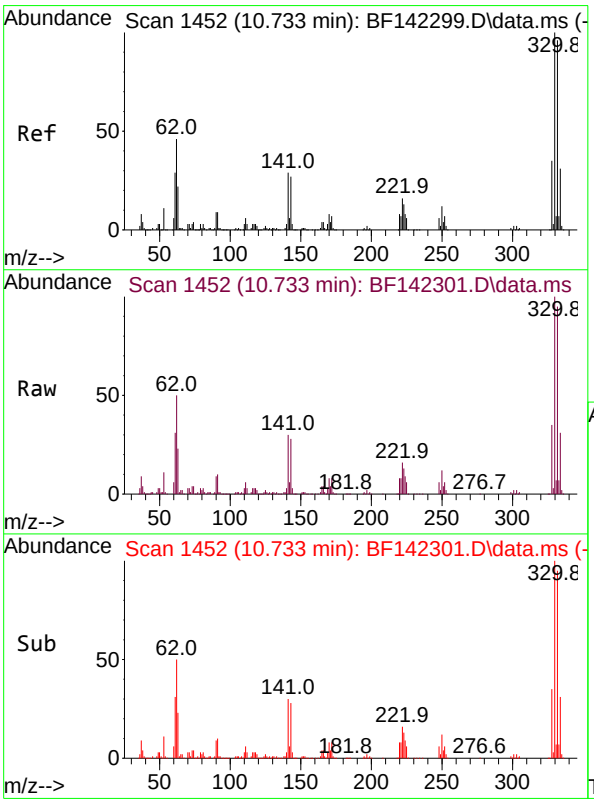
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.8	82.8
272	13.1	0.0	33.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

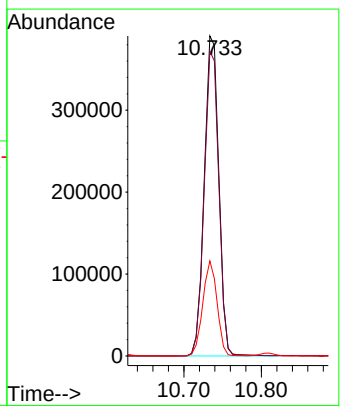


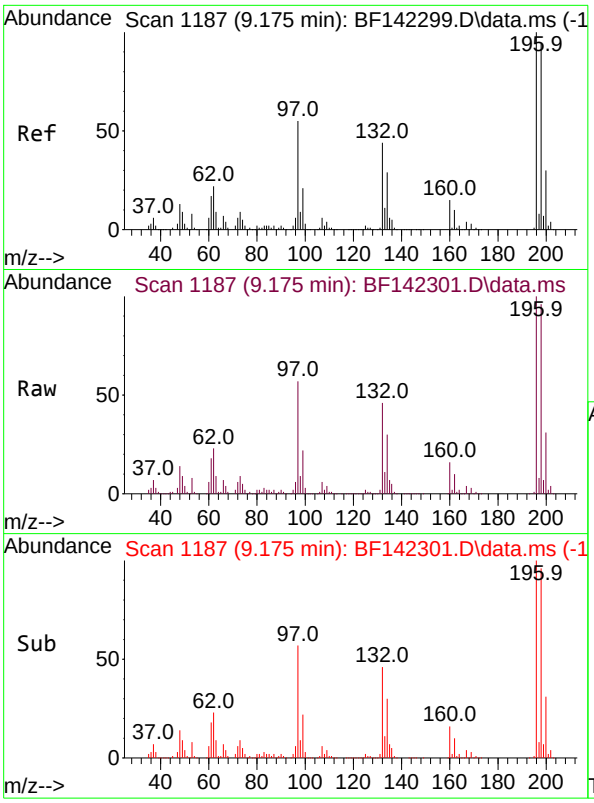


#42
2,4,6-Tribromophenol
Concen: 130.732 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:330 Resp: 509292

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	29.1	24.9	37.3

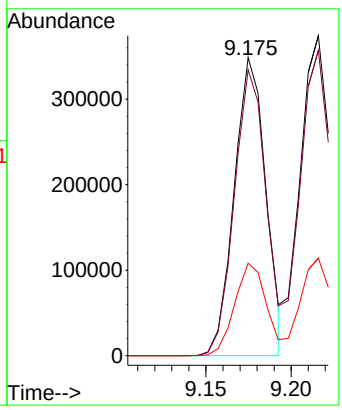




#43
2,4,6-Trichlorophenol
Concen: 63.143 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:196 Resp: 44883

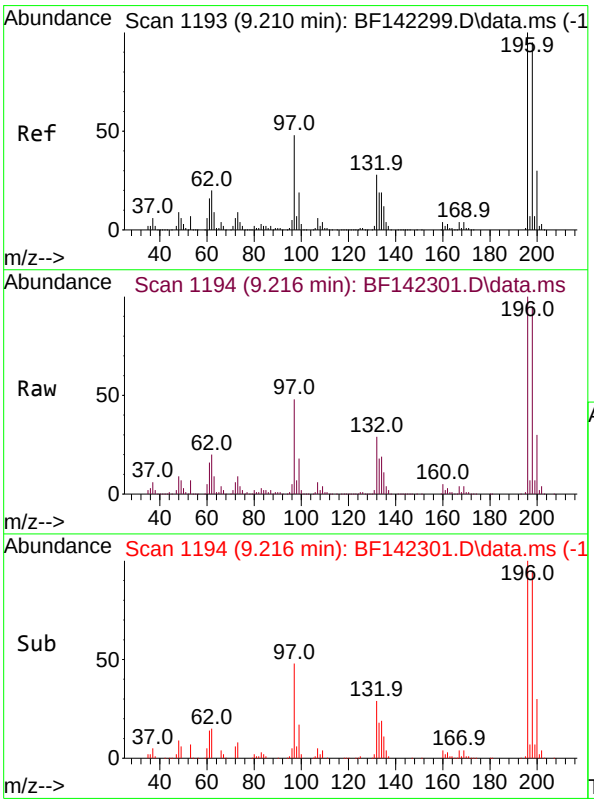
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
200	31.0	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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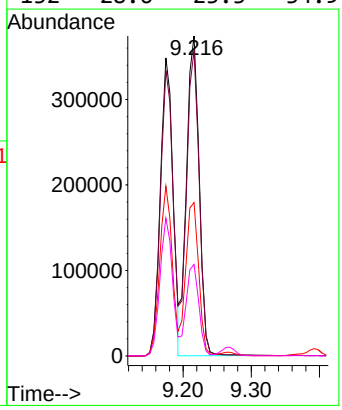
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

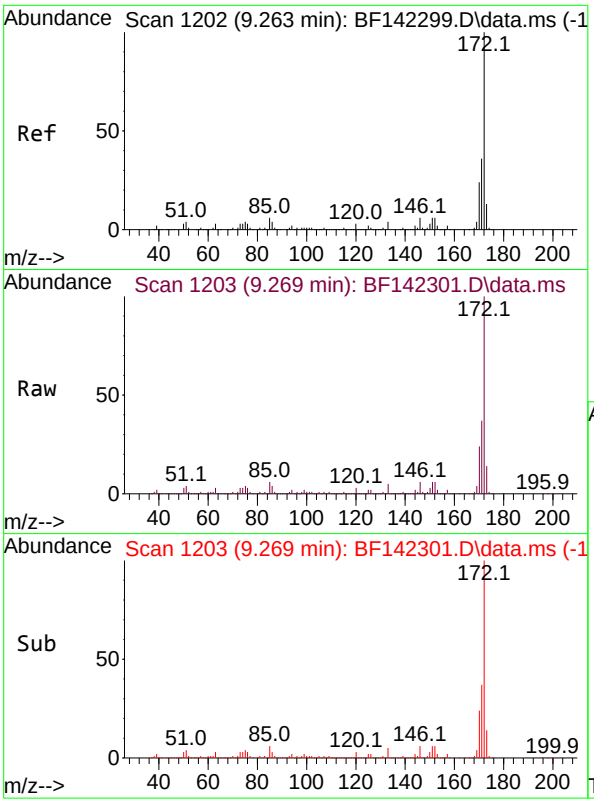


#44
2,4,5-Trichlorophenol
Concen: 63.505 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:196 Resp: 480305

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	47.9	39.0	58.4
132	28.6	23.3	34.9

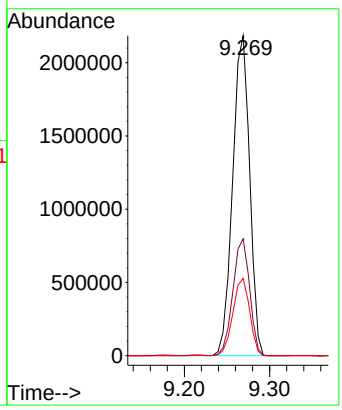




#45
2-Fluorobiphenyl
Concen: 106.576 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:172 Resp: 301592

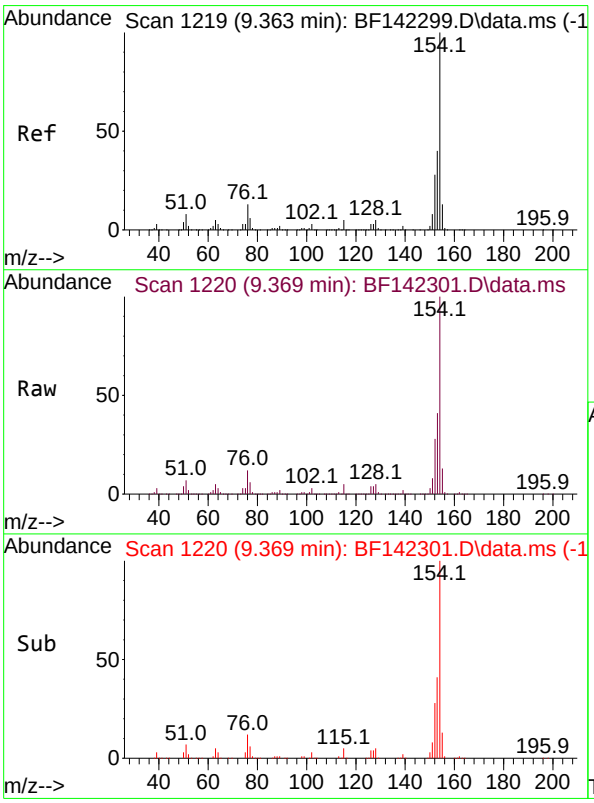
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.2	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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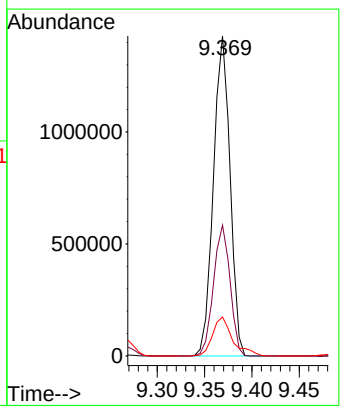
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

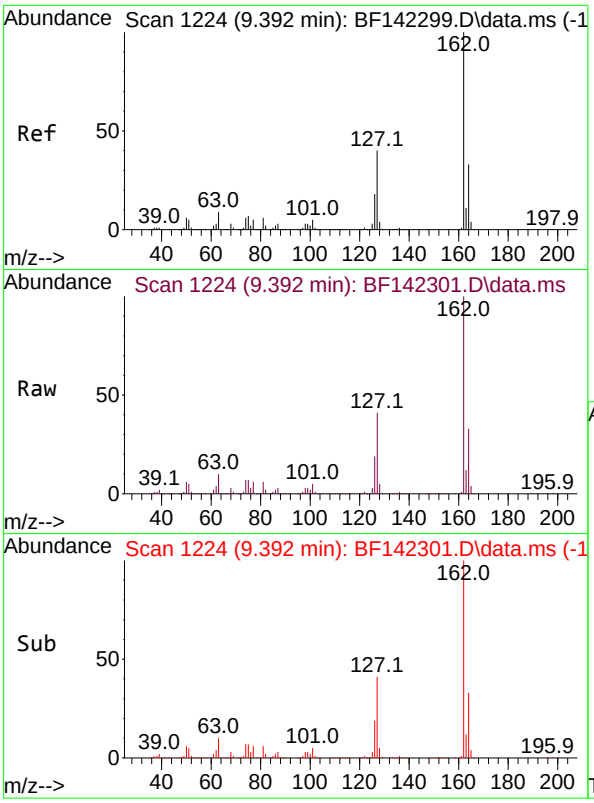


#46
1,1'-Biphenyl
Concen: 56.417 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:154 Resp: 1745424

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	12.2	0.0	32.8

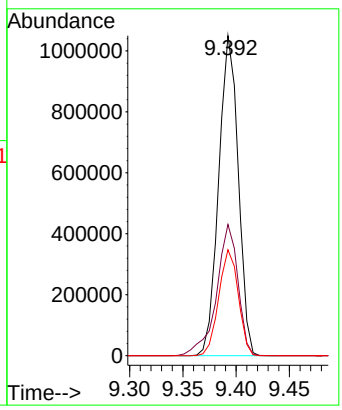




#47
2-Chloronaphthalene
Concen: 58.169 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:162 Resp: 133833

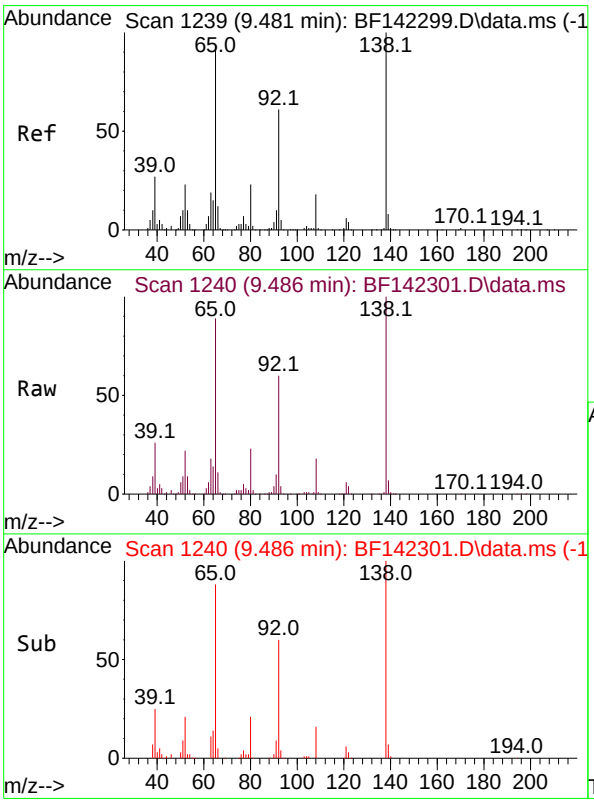
Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.3	48.5
164	33.1	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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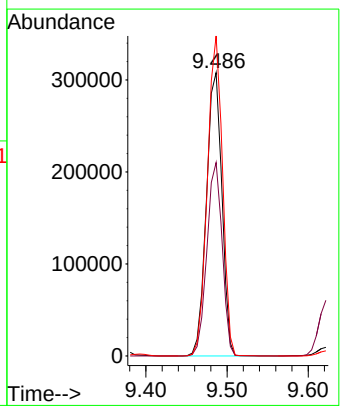
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

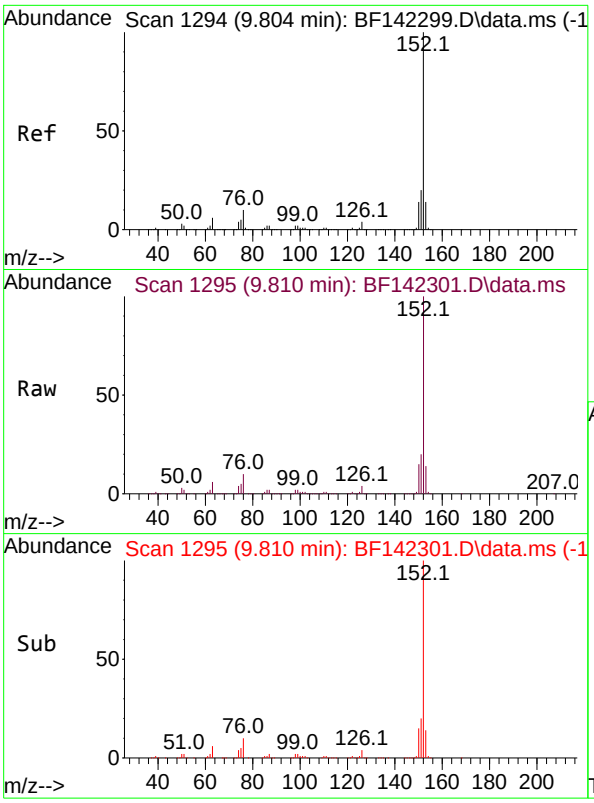


#48
2-Nitroaniline
Concen: 69.160 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 65 Resp: 407862

Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.3	78.5
138	112.9	85.6	128.4

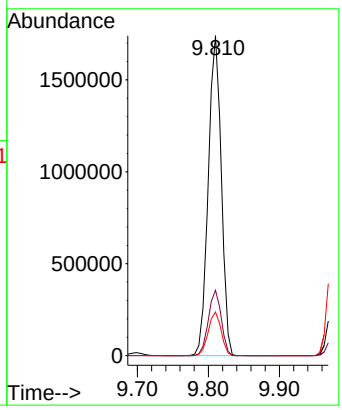




#49
Acenaphthylene
Concen: 57.569 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:152 Resp: 221577

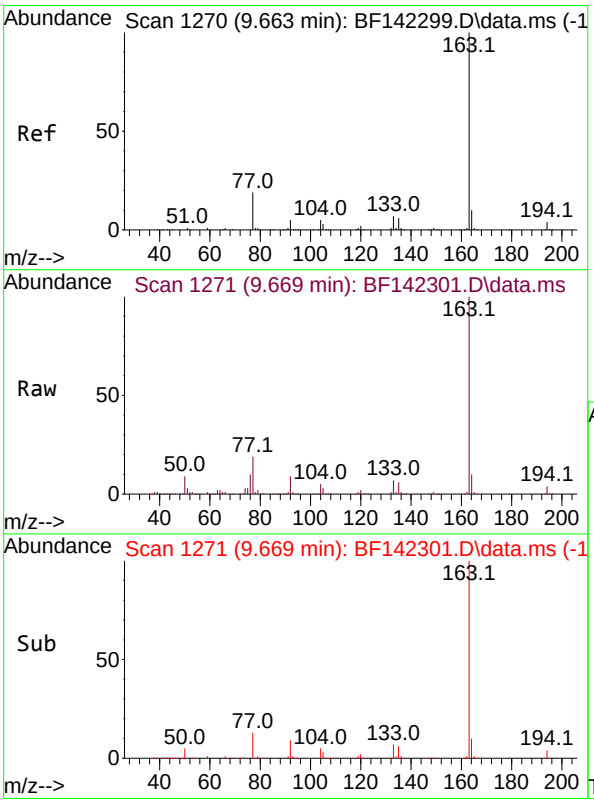
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.6	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

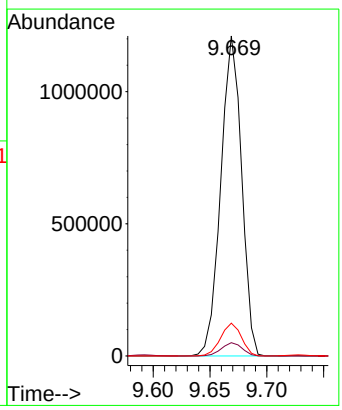
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

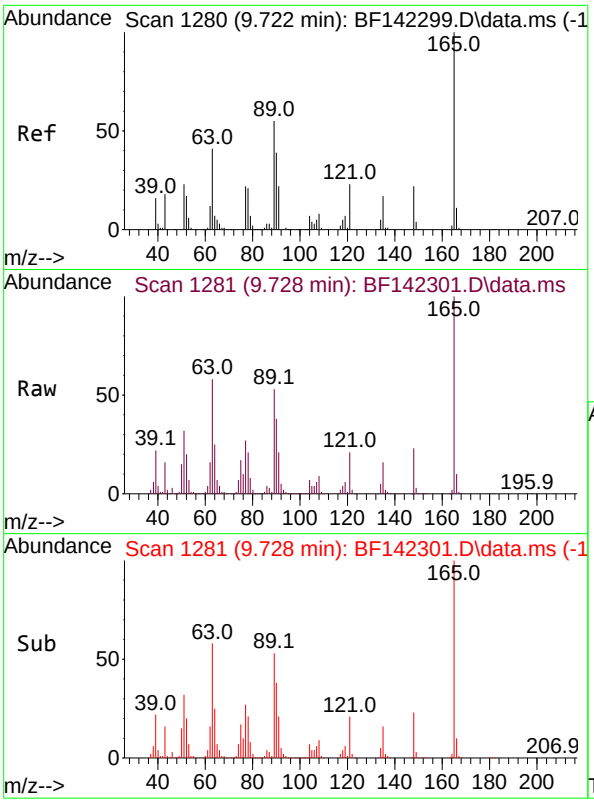


#50
Dimethylphthalate
Concen: 59.587 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:163 Resp: 1543896

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 68.237 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

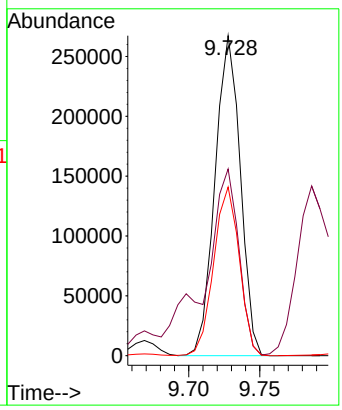
Tgt Ion:165 Resp: 330939

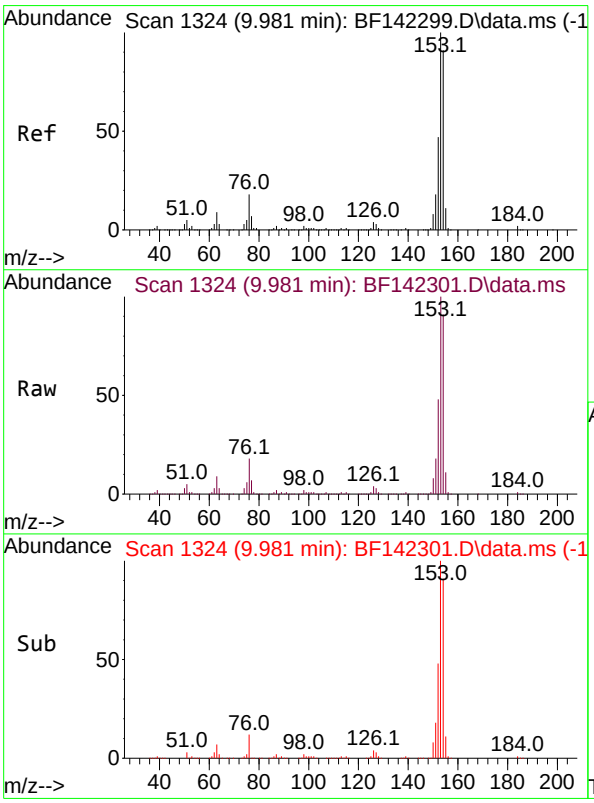
Ion	Ratio	Lower	Upper
165	100		
63	58.4	49.5	74.3
89	52.7	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

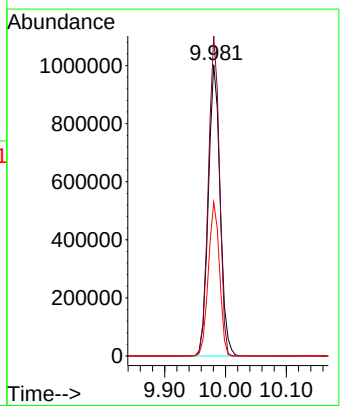


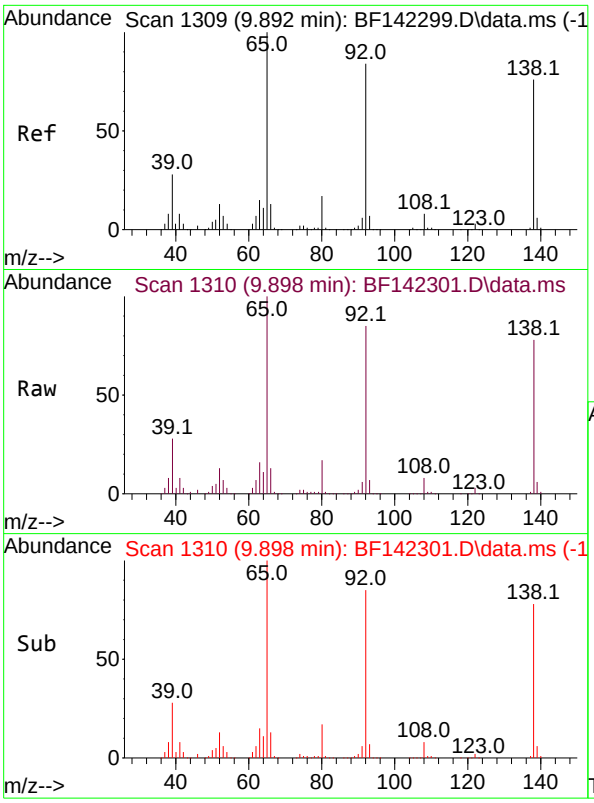


#52
Acenaphthene
Concen: 58.133 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:154 Resp: 1345347

Ion	Ratio	Lower	Upper
154	100		
153	109.9	88.0	132.0
152	52.7	41.6	62.4





#53
3-Nitroaniline
Concen: 67.787 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

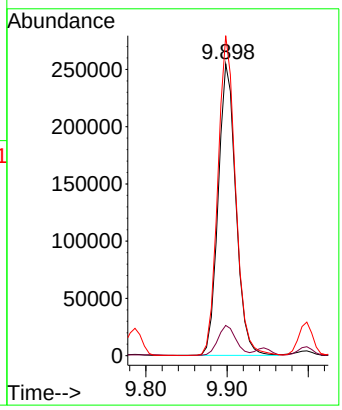
Tgt Ion:138 Resp: 38556

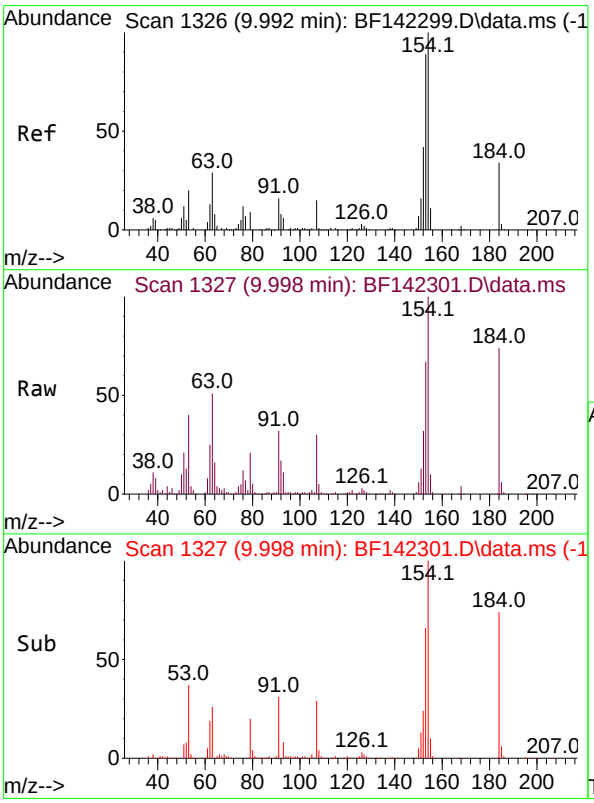
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	109.6	89.5	134.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

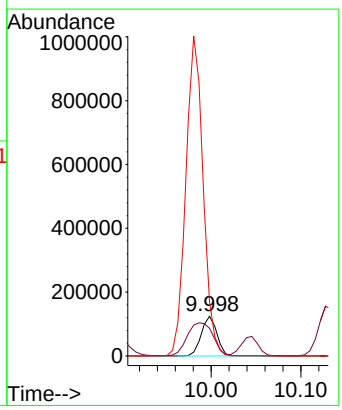


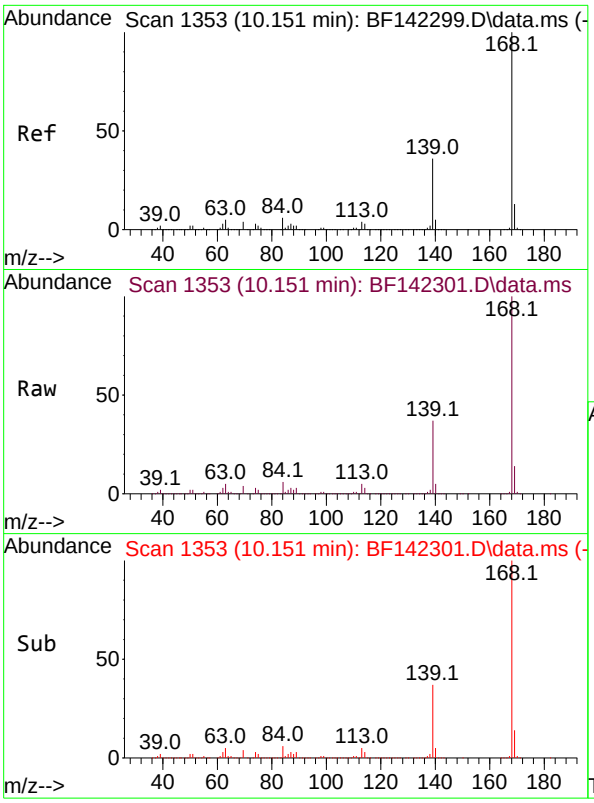


#54
2,4-Dinitrophenol
Concen: 61.014 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:184 Resp: 149707

Ion	Ratio	Lower	Upper
184	100		
63	69.6	70.6	105.8#
154	135.7	257.2	385.8#

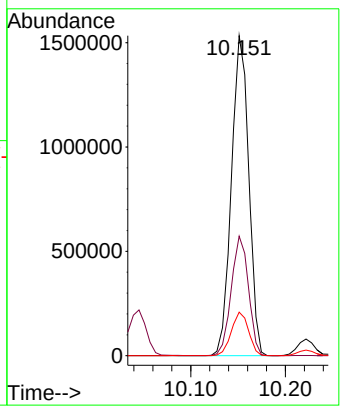




#55
Dibenzofuran
Concen: 57.013 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:168 Resp: 194724

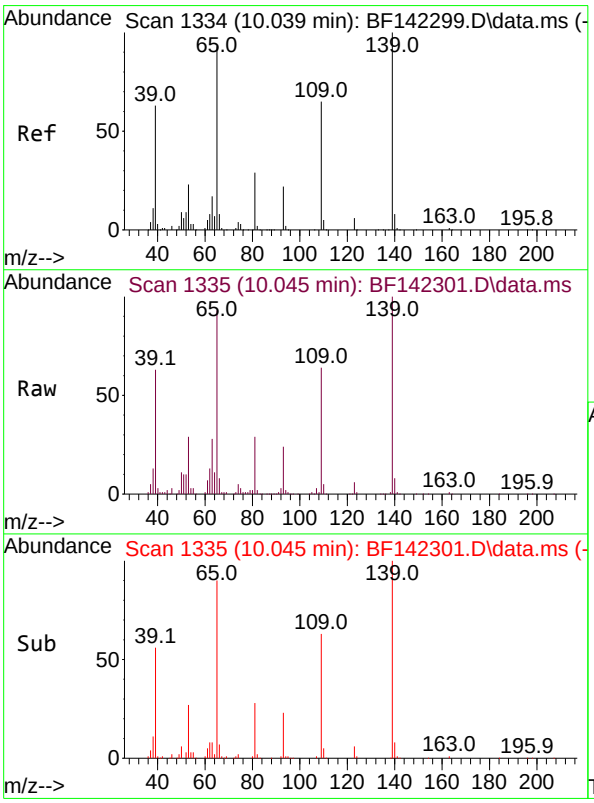
Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.0	43.4
169	13.6	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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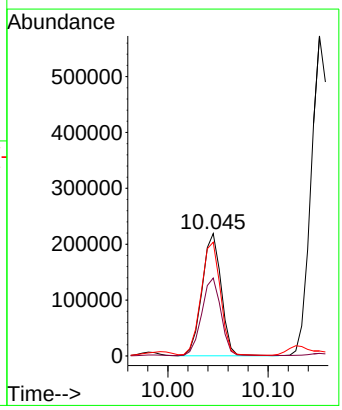
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

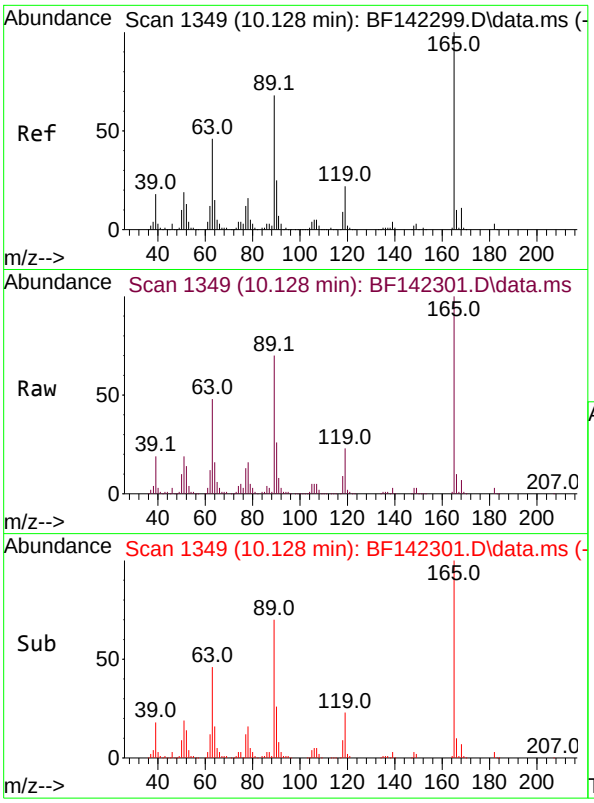


#56
4-Nitrophenol
Concen: 67.801 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:139 Resp: 290245

Ion	Ratio	Lower	Upper
139	100		
109	63.7	45.3	85.3
65	93.0	73.9	113.9

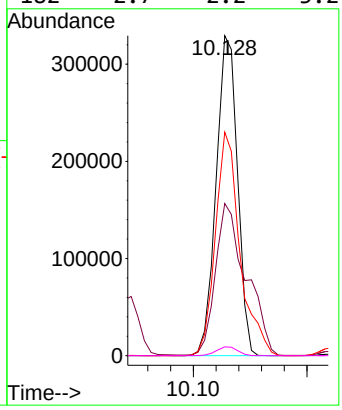




#57
2,4-Dinitrotoluene
Concen: 69.171 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:165 Resp: 43031

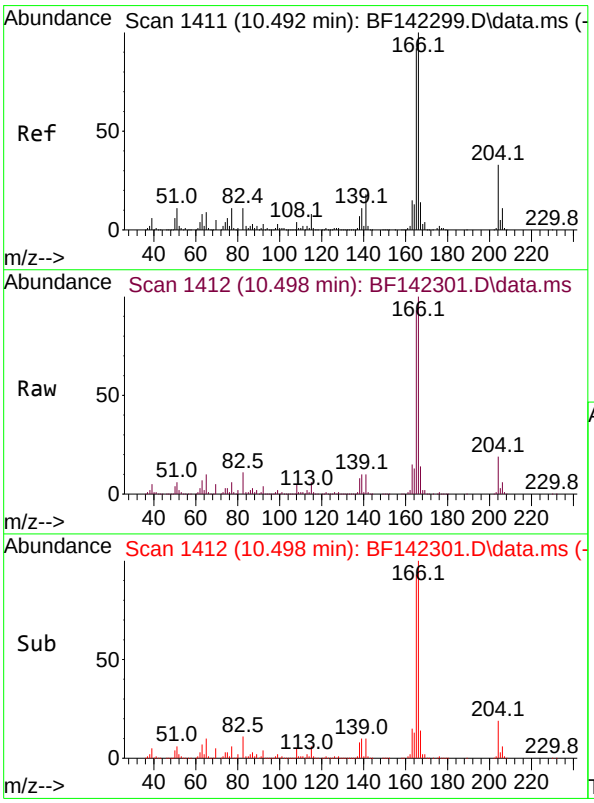
Ion	Ratio	Lower	Upper
165	100		
63	47.6	37.1	55.7
89	69.8	54.4	81.6
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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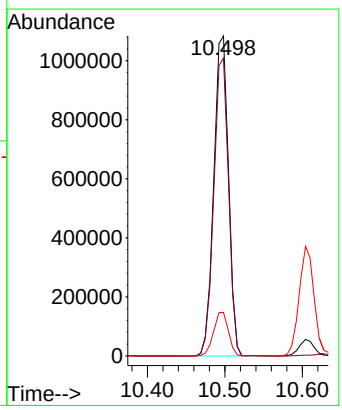
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

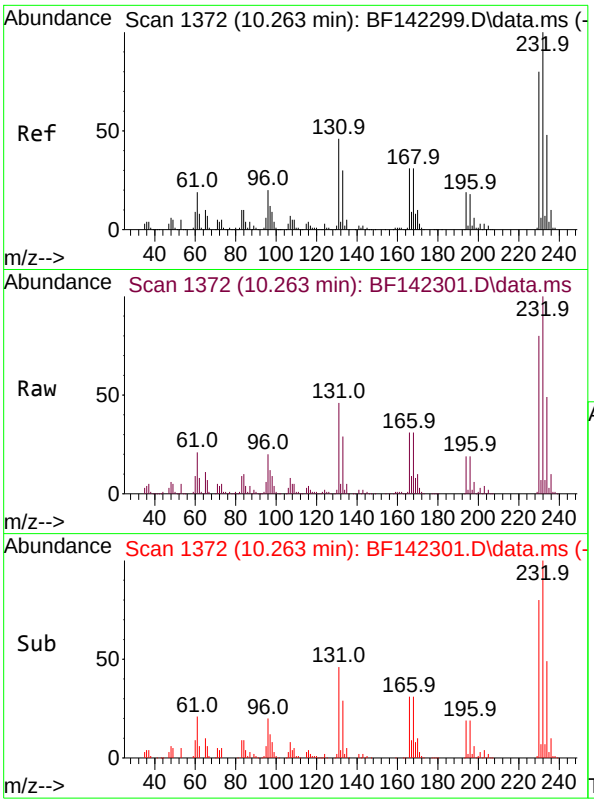


#58
Fluorene
Concen: 54.944 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:166 Resp: 1432119

Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.0	111.0
167	13.6	10.9	16.3

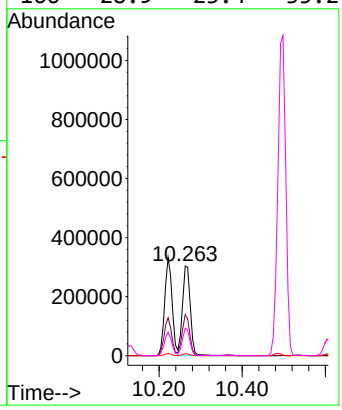




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.842 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:232 Resp: 39860

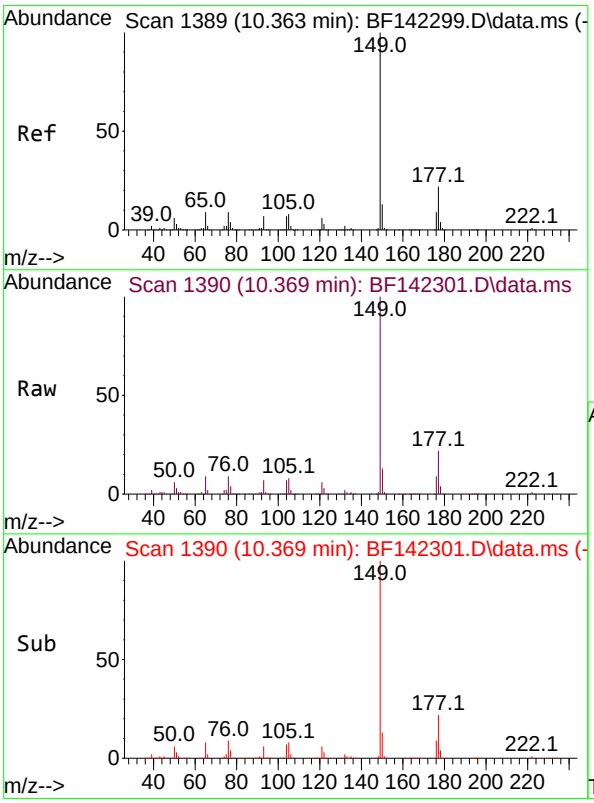
Ion	Ratio	Lower	Upper
232	100		
131	43.2	36.0	54.0
130	2.0	1.8	2.6
166	28.9	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

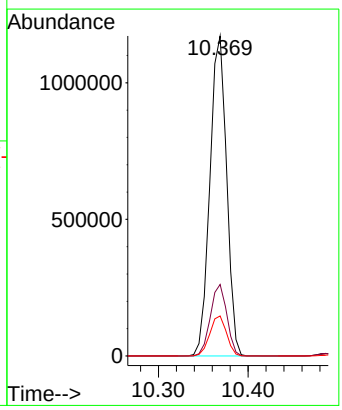
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

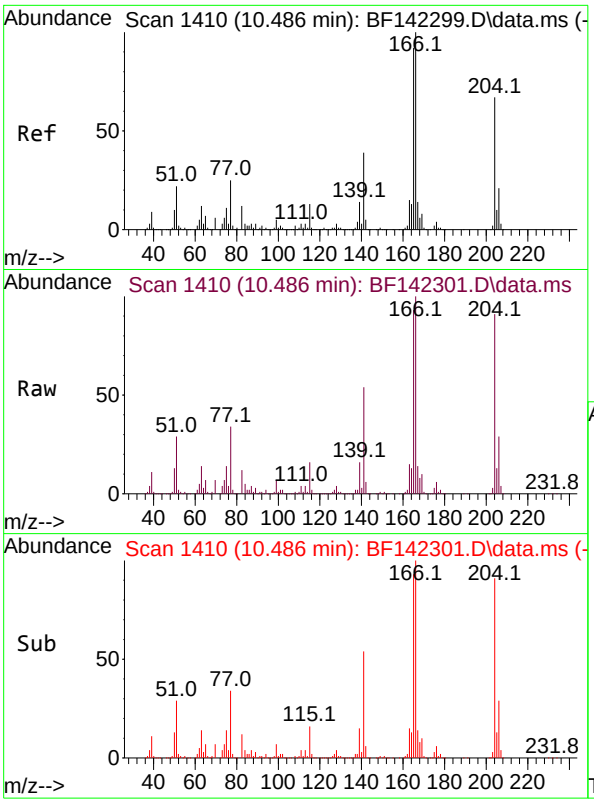


#60
Diethylphthalate
Concen: 58.568 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 1515452

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.5	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.782 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

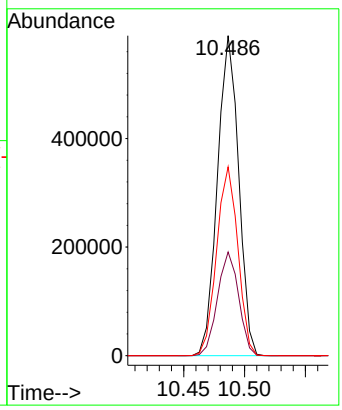
Tgt Ion:204 Resp: 71404

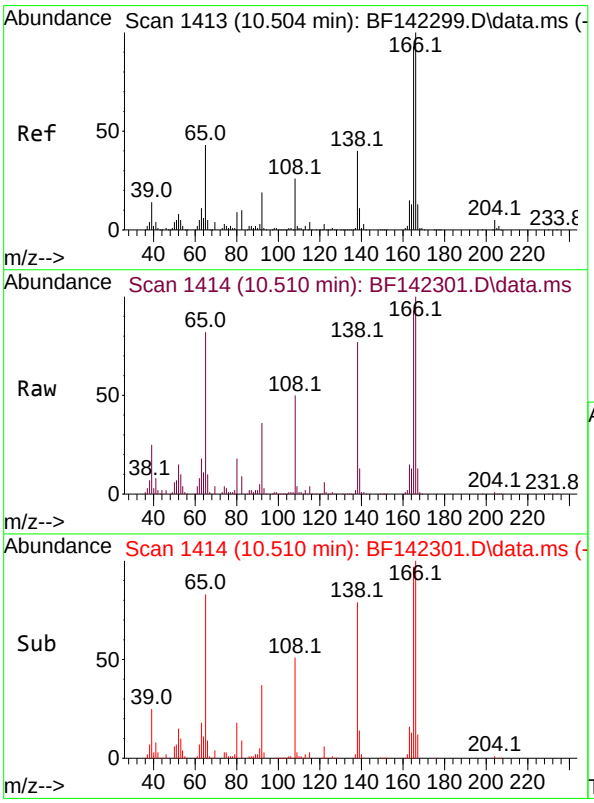
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.5	38.3
141	59.0	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

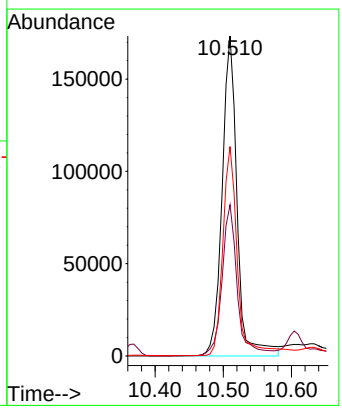


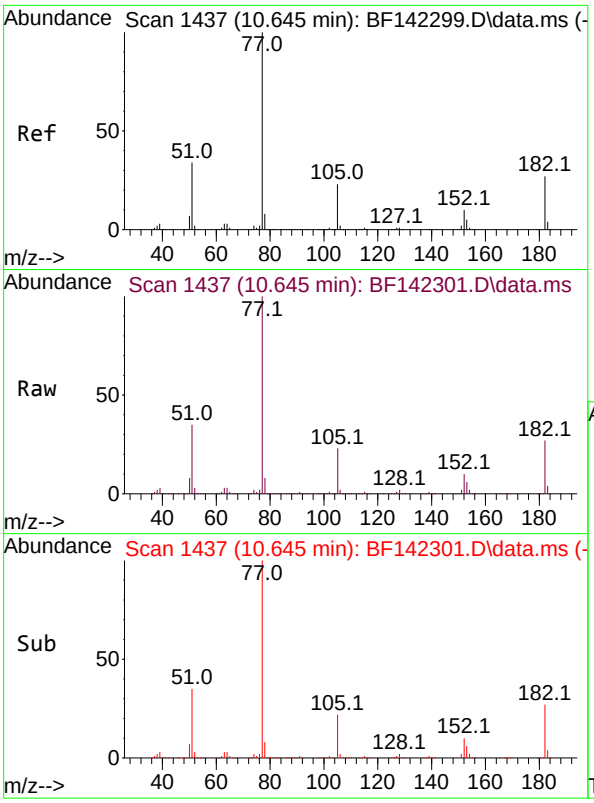


#62
4-Nitroaniline
Concen: 58.823 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:138 Resp: 265178

Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.3	67.3
108	65.4	45.1	85.1

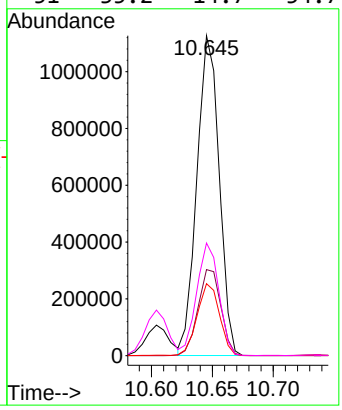




#63
Azobenzene
Concen: 58.009 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion: 77 Resp: 143429

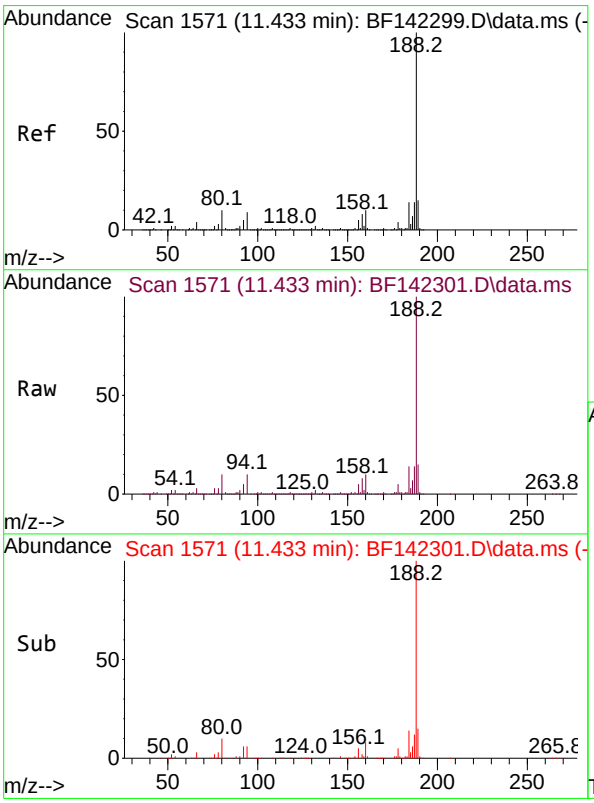
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.9	46.9
105	22.5	2.7	42.7
51	35.2	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

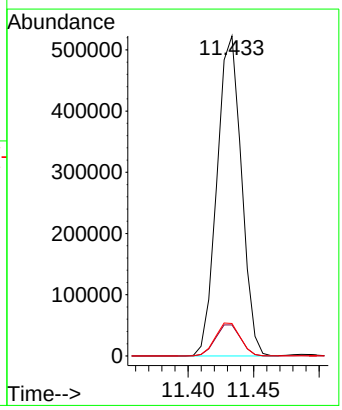
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

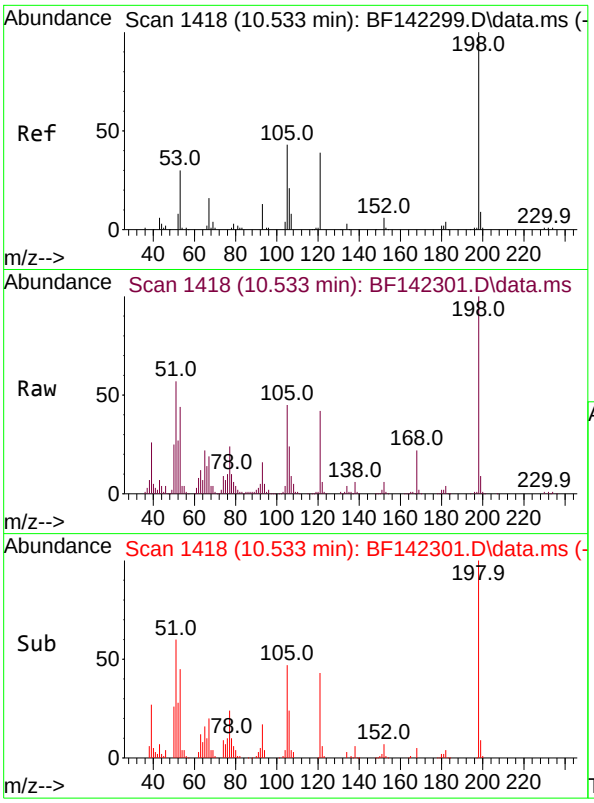


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:188 Resp: 678705

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.1	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 60.816 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

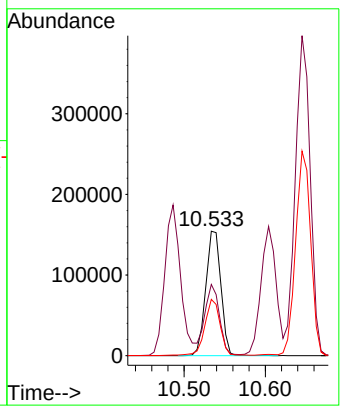
Tgt Ion:198 Resp: 19954

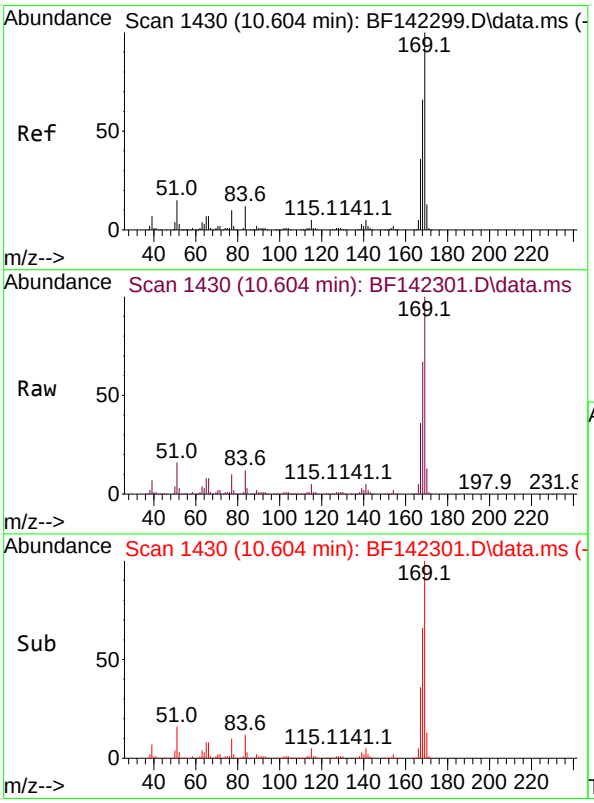
Ion	Ratio	Lower	Upper
198	100		
51	57.2	32.9	72.9
105	45.3	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

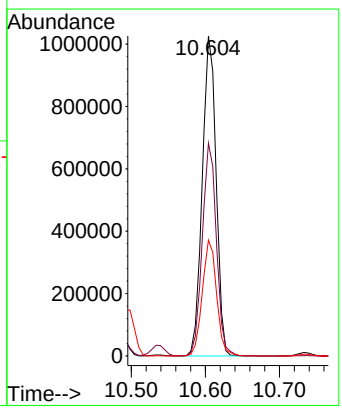


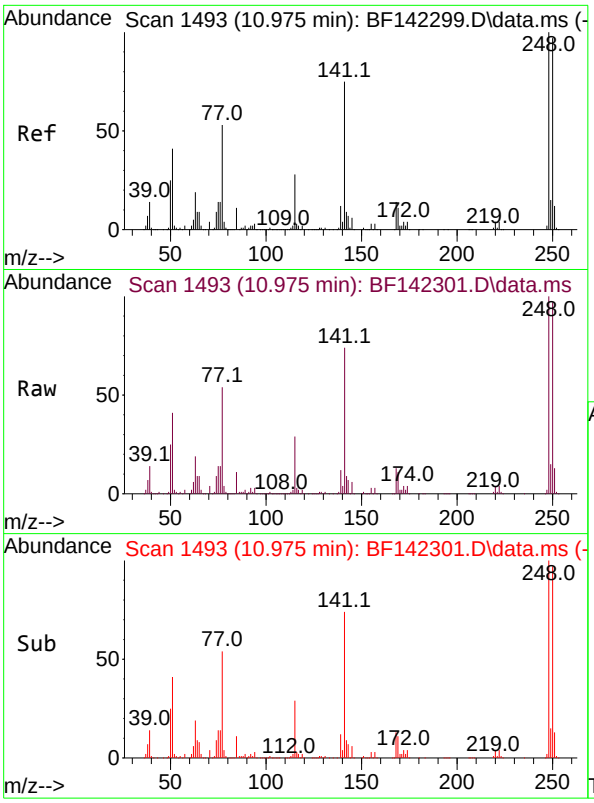


#66
n-Nitrosodiphenylamine
Concen: 58.927 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:169 Resp: 1330840

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.2	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 60.048 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

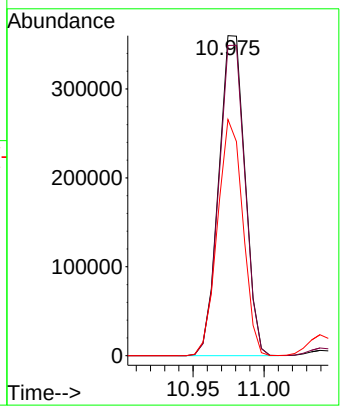
Tgt Ion:248 Resp: 46189

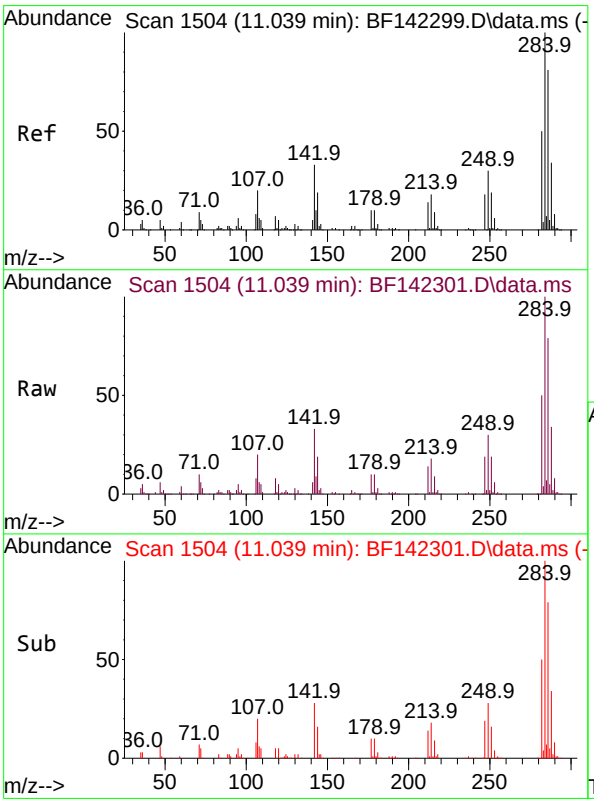
Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.9	116.9
141	73.8	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

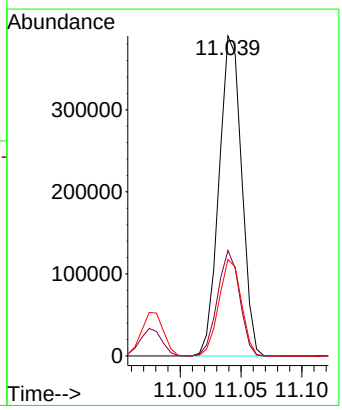


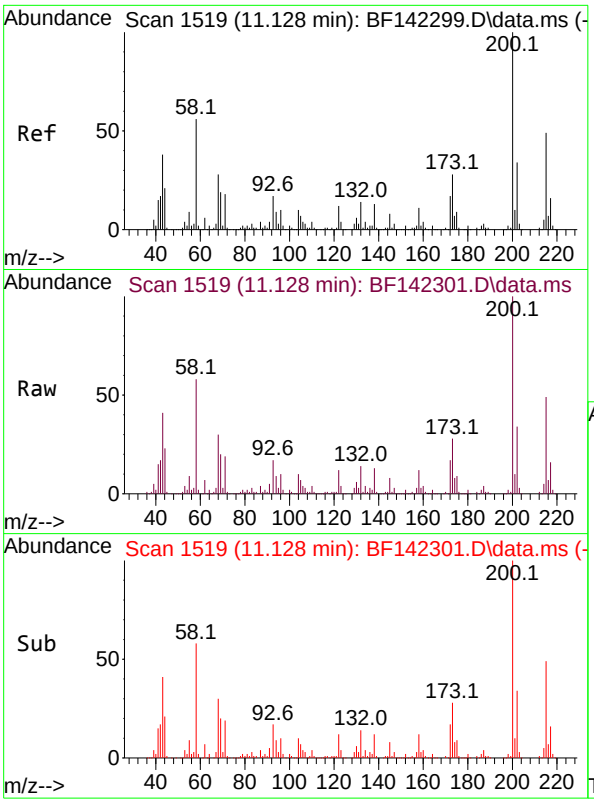


#68
Hexachlorobenzene
Concen: 59.625 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:284 Resp: 504486

Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.6	39.8
249	30.2	24.1	36.1

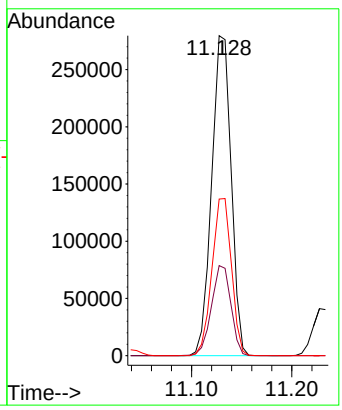




#69
Atrazine
Concen: 63.169 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:200 Resp: 37607

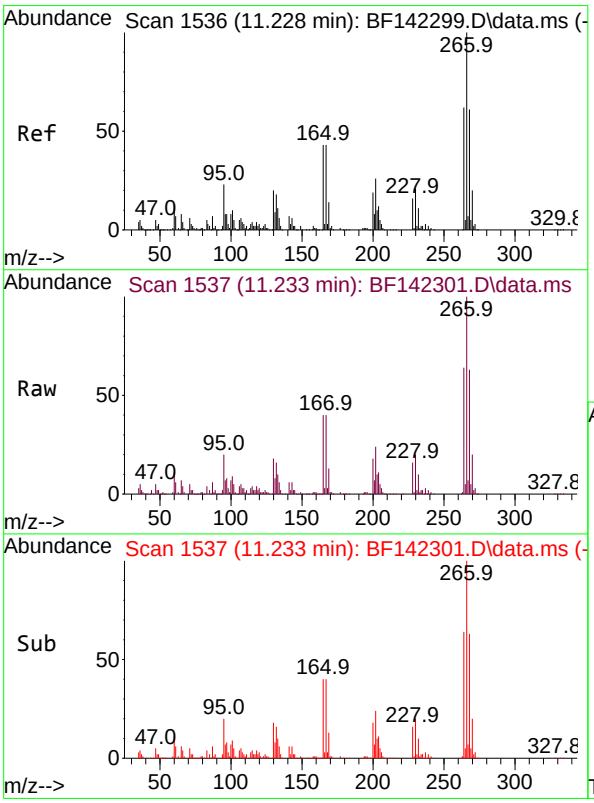
Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.1	48.1
215	48.9	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

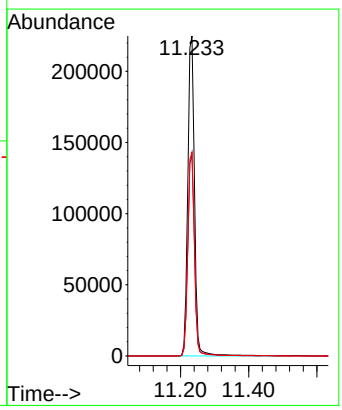
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

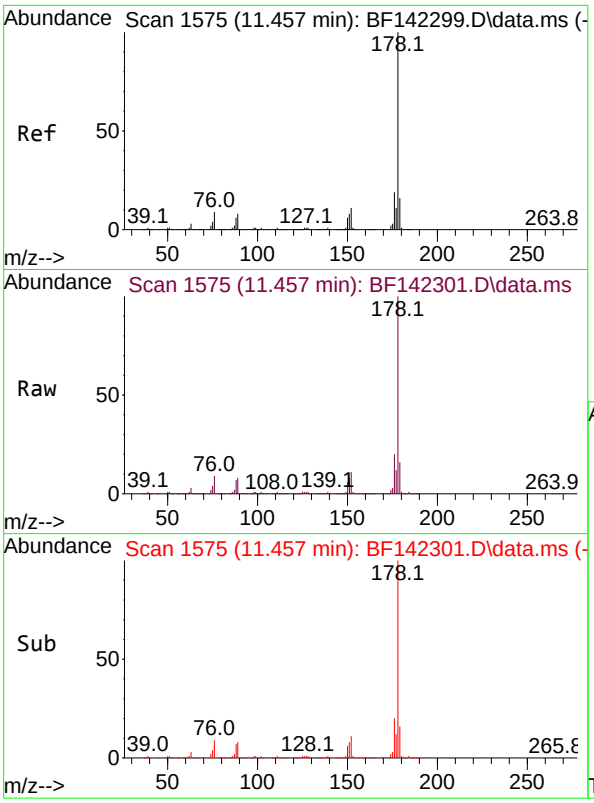


#70
Pentachlorophenol
Concen: 68.419 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:266 Resp: 304541

Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.7	73.1
264	63.7	49.8	74.6

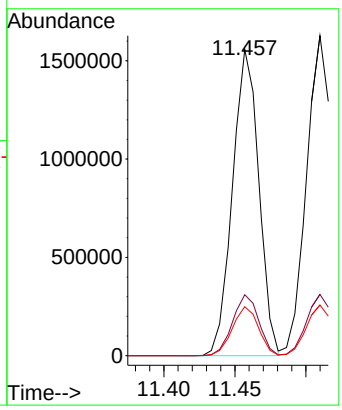




#71
Phenanthrene
Concen: 56.475 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:178 Resp: 200915

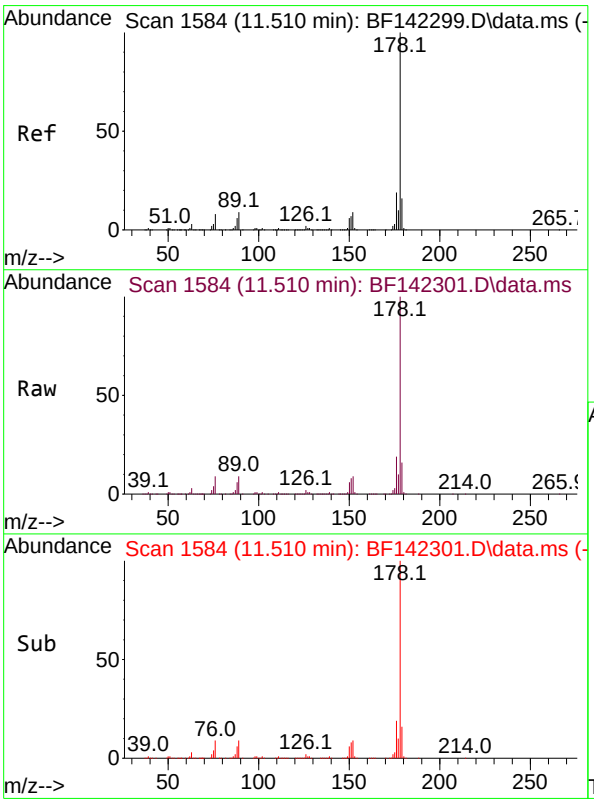
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

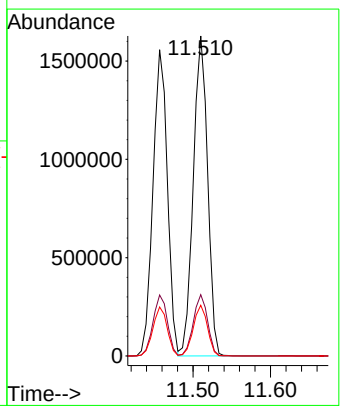
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

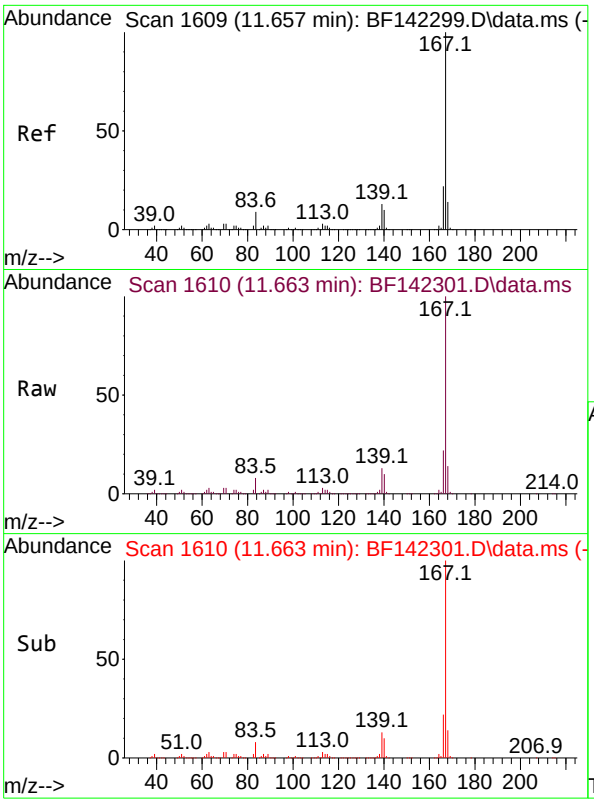


#72
Anthracene
Concen: 56.980 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:178 Resp: 2082880

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.9	12.6	18.8

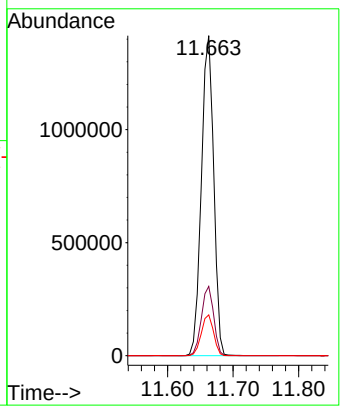




#73
Carbazole
Concen: 56.538 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:167 Resp: 185418

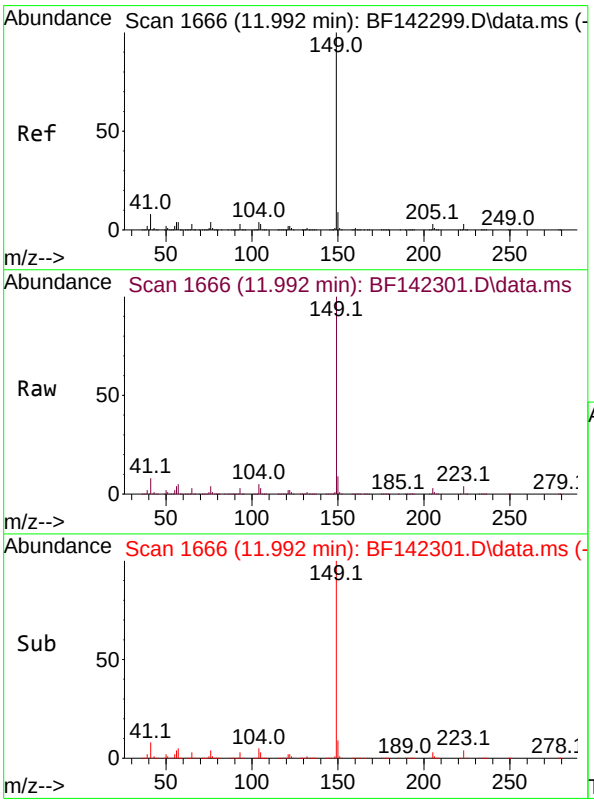
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.8	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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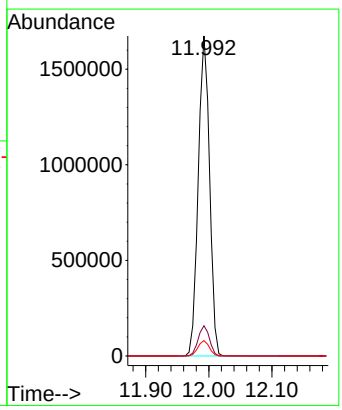
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

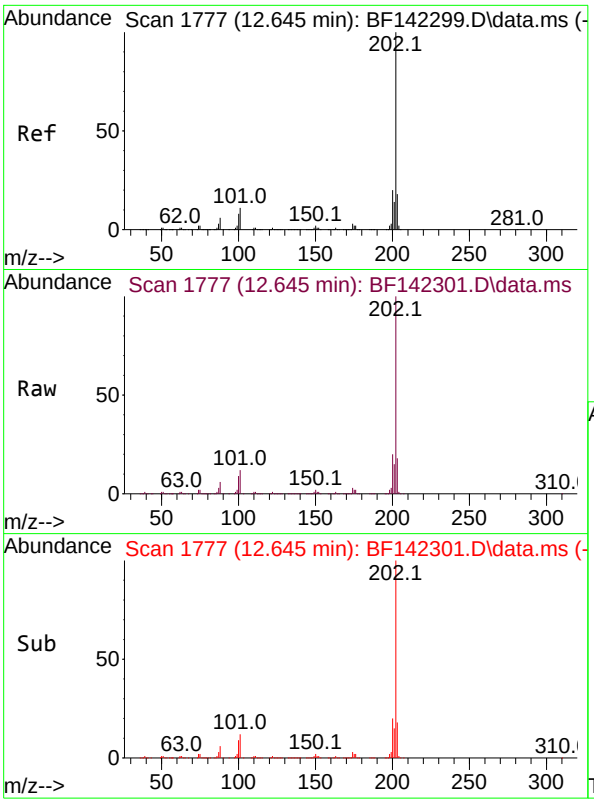


#74
Di-n-butylphthalate
Concen: 60.137 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 2073826

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.8	3.6	5.4

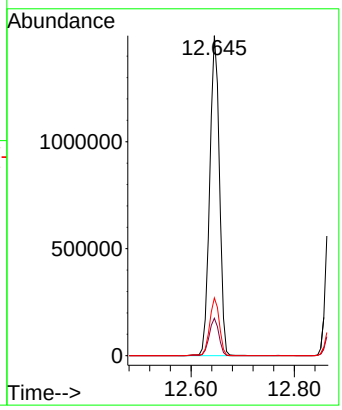




#75
Fluoranthene
Concen: 54.742 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:202 Resp: 194677

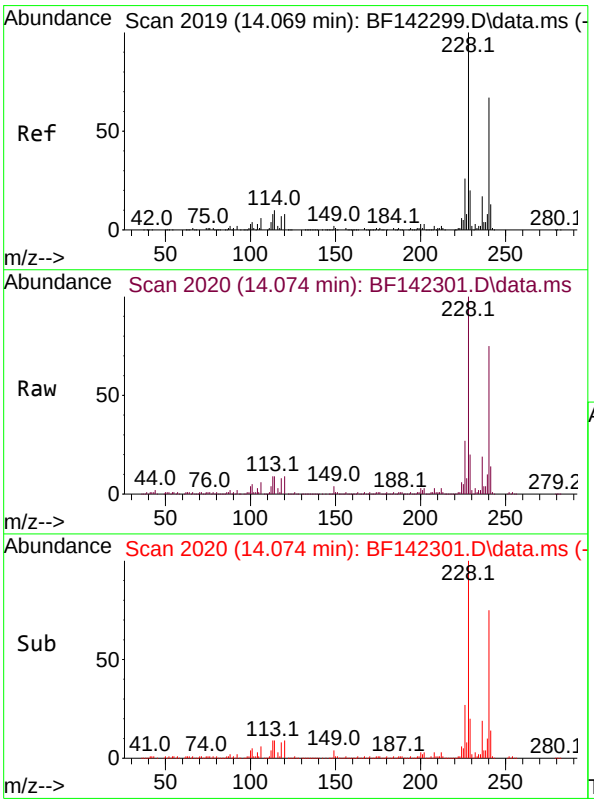
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	18.0	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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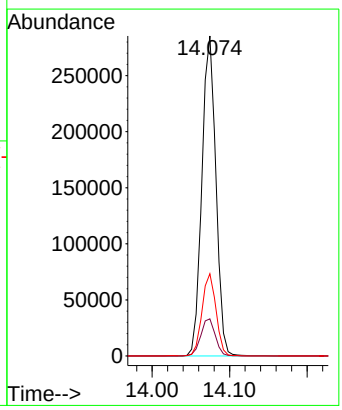
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

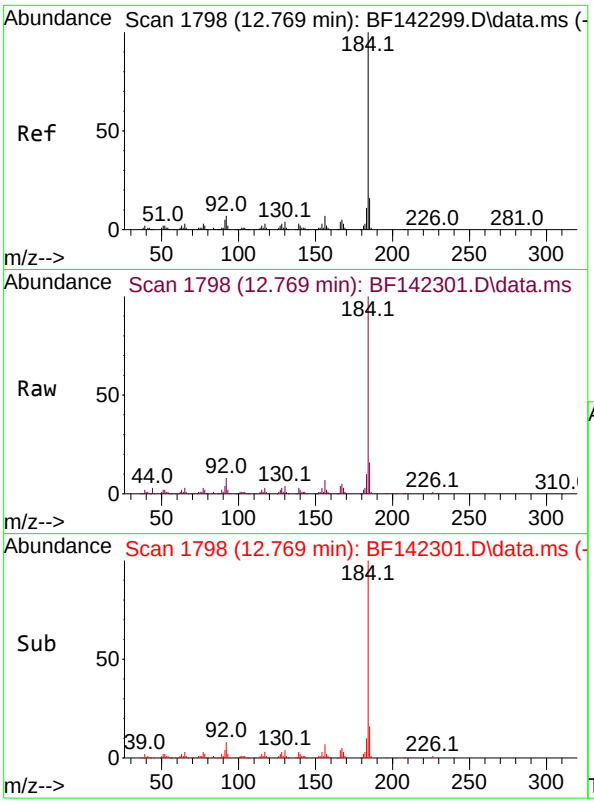


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:240 Resp: 358642

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.7	20.0	30.0

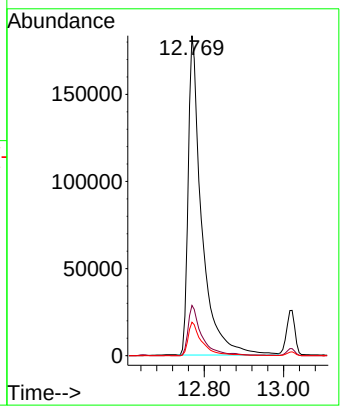




#77
Benzidine
Concen: 66.599 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:184 Resp: 43406

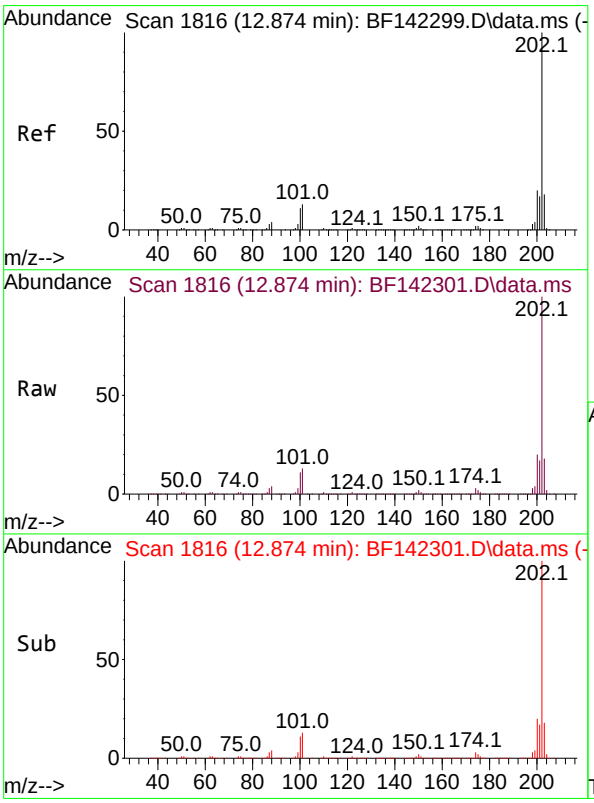
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	10.5	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

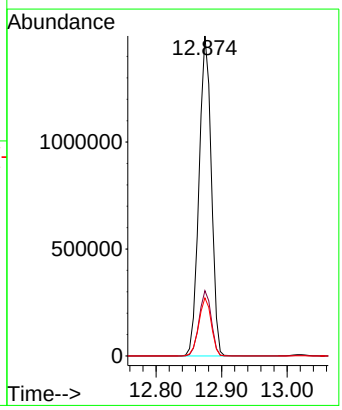
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

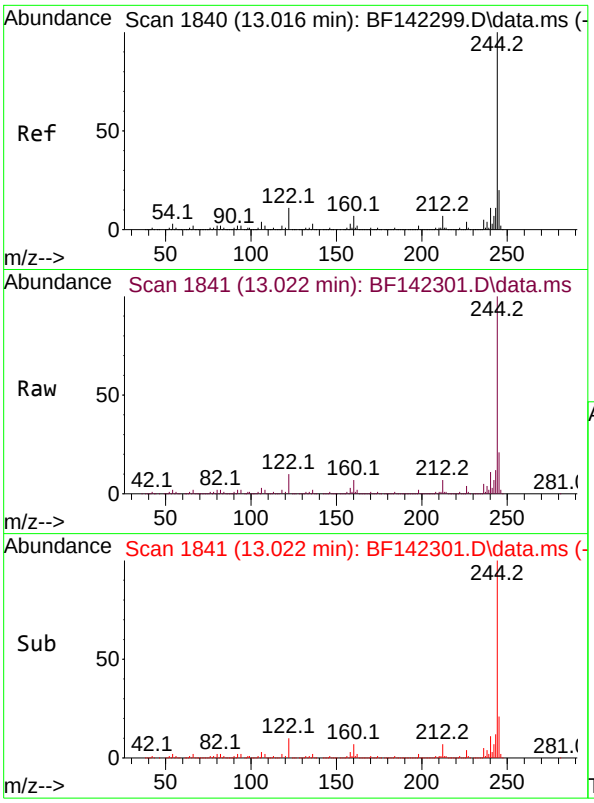


#78
Pyrene
Concen: 61.239 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:202 Resp: 1954922

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.2	14.3	21.5

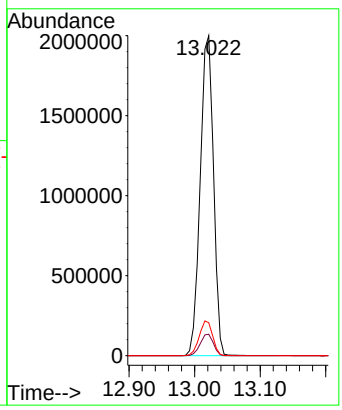




#79
Terphenyl-d14
Concen: 116.709 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:244 Resp: 282794

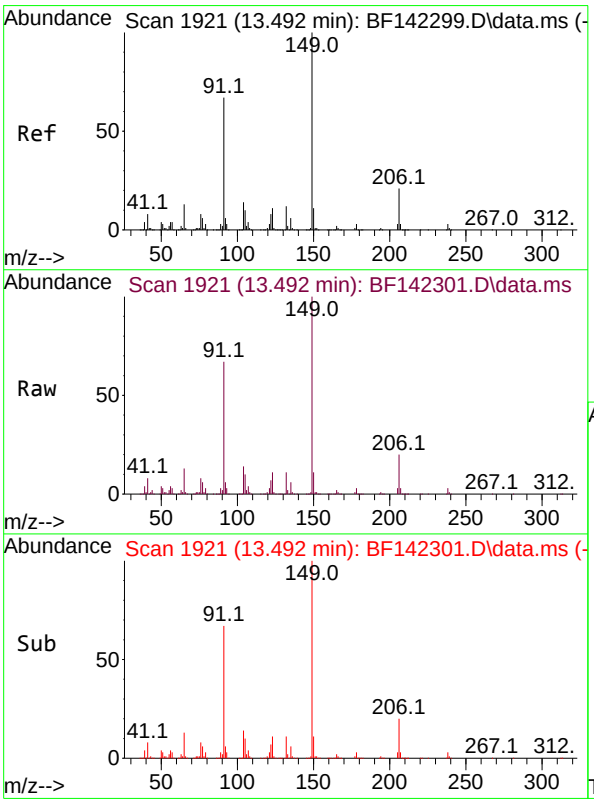
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.3	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

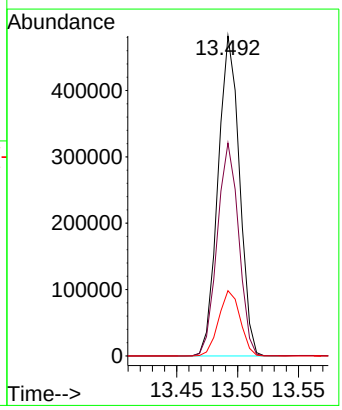
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

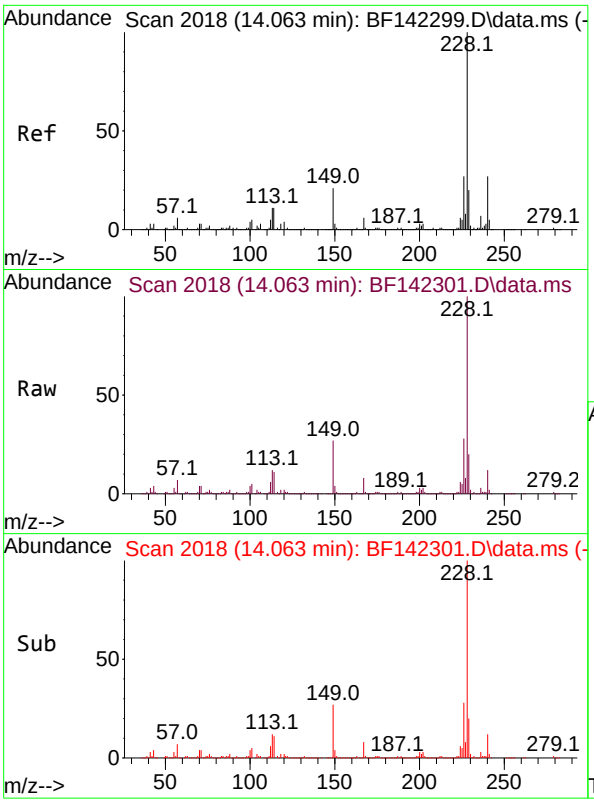


#80
Butylbenzylphthalate
Concen: 62.274 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 591132

Ion	Ratio	Lower	Upper
149	100		
91	66.6	53.8	80.6
206	20.4	16.6	24.8





#81
Benzo(a)anthracene
Concen: 60.043 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

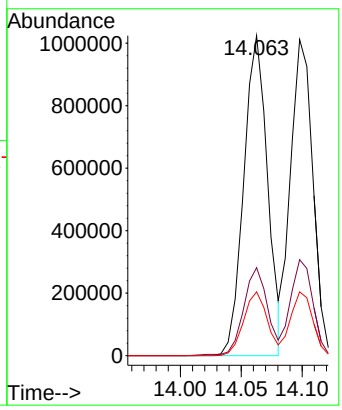
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

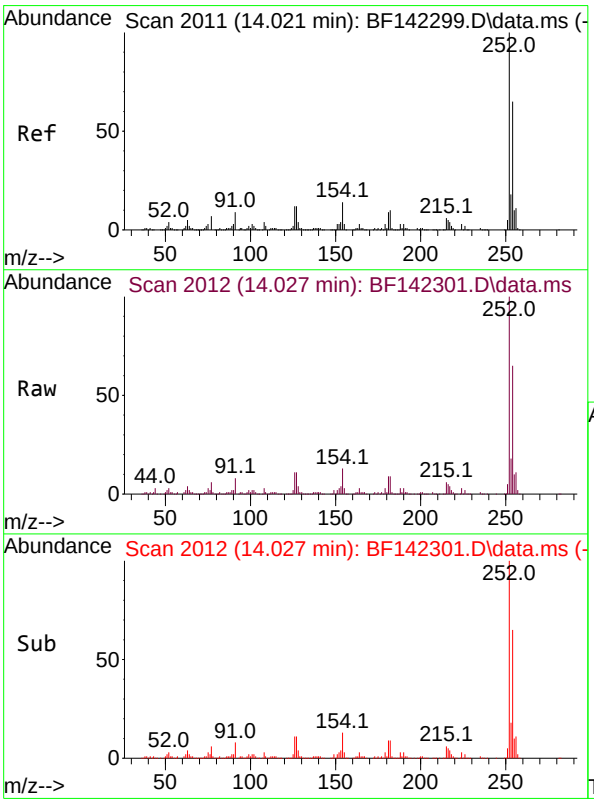
Tgt Ion:228 Resp: 139456

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.5	32.3
229	20.0	15.9	23.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

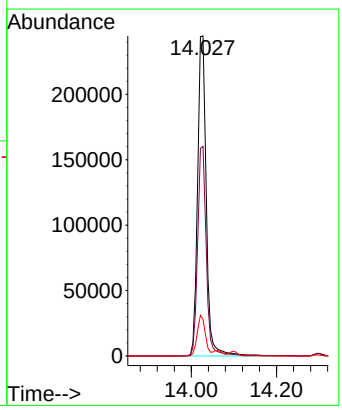


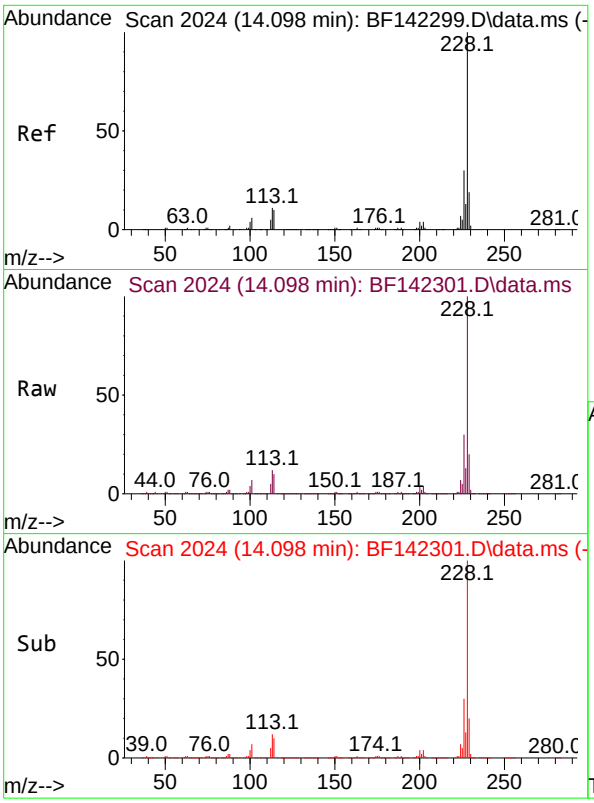


#82
3,3'-Dichlorobenzidine
Concen: 64.332 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 347469

Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.0	78.0
126	11.4	9.7	14.5





#83
Chrysene
Concen: 59.838 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

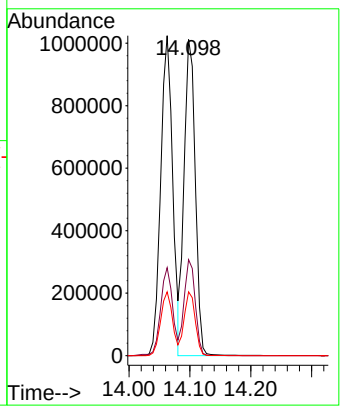
Tgt Ion:228 Resp: 129380

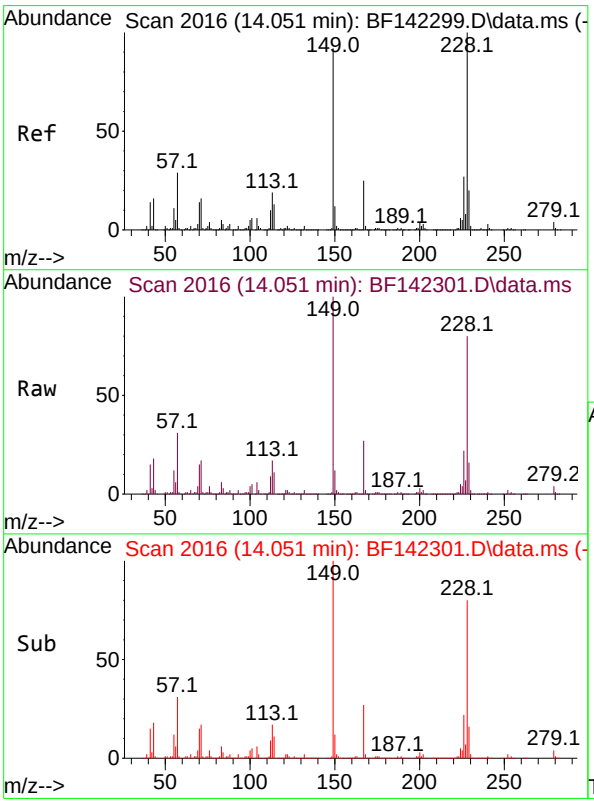
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.2	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

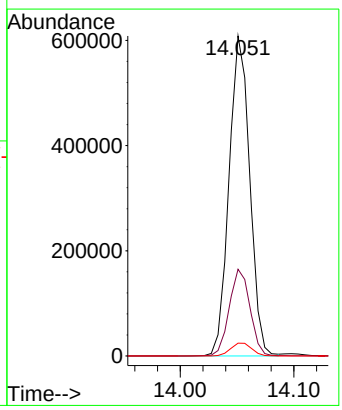


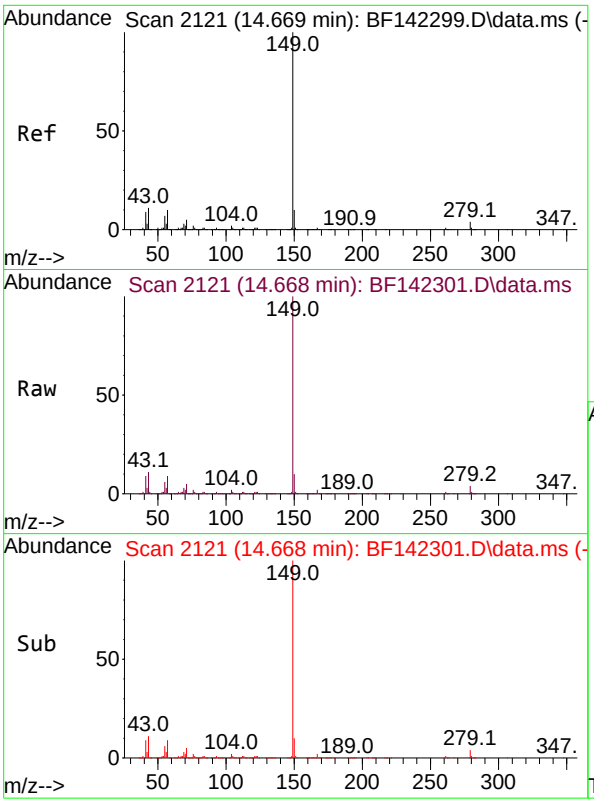


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.098 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:149 Resp: 769940

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 61.963 ng
RT: 14.668 min Scan# 2
Delta R.T. -0.001 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

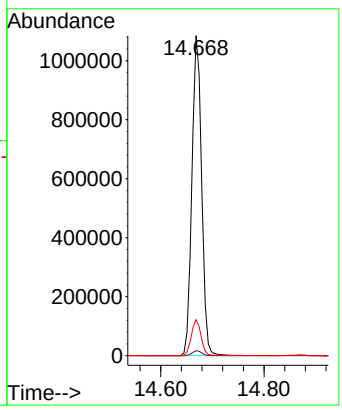
Tgt Ion:149 Resp: 141499

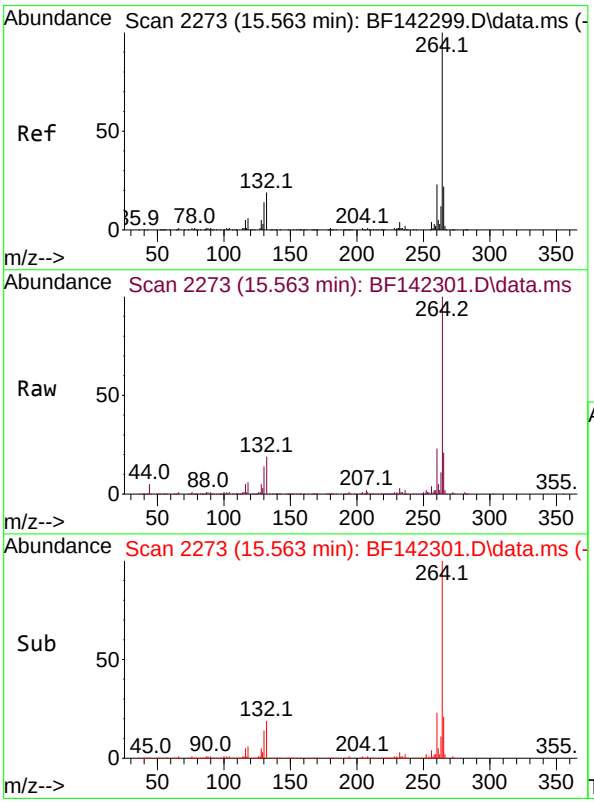
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

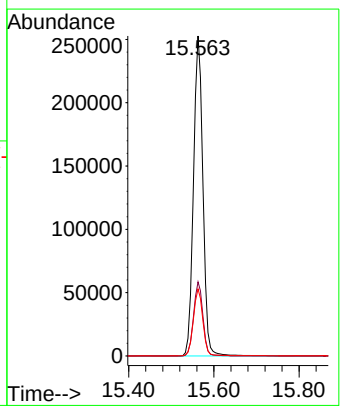


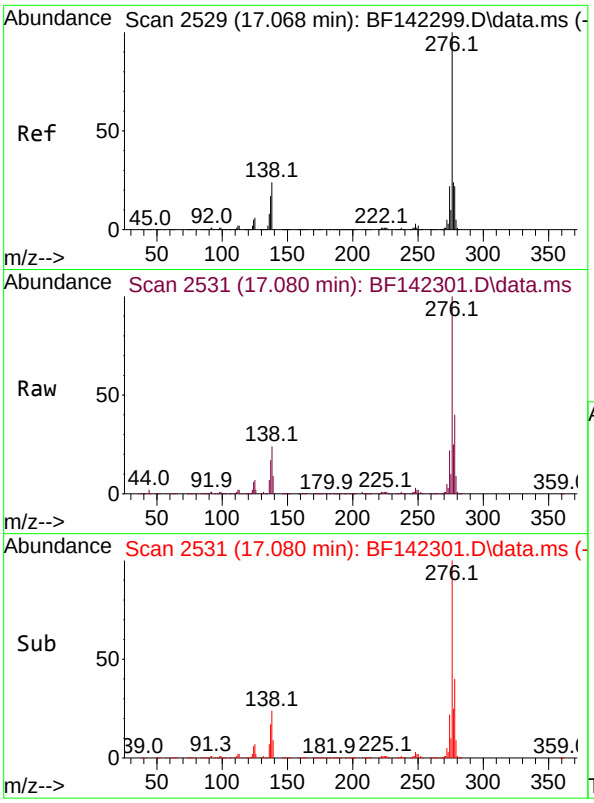


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:264 Resp: 387967

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.9	17.5	26.3

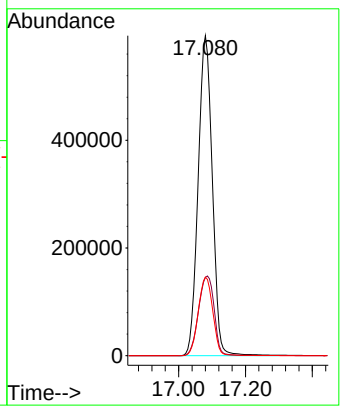




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.842 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:276 Resp: 174996

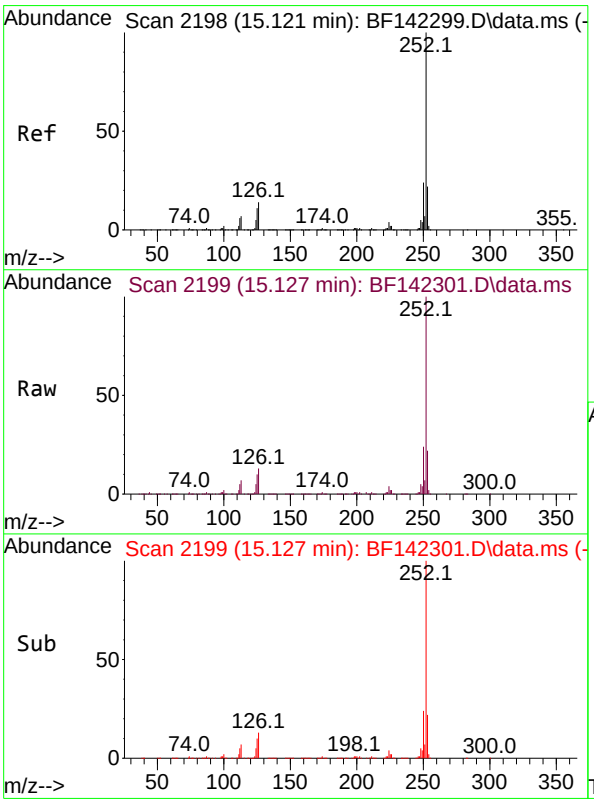
Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.0	33.0
277	25.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

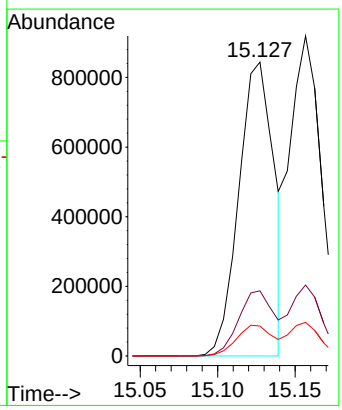
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

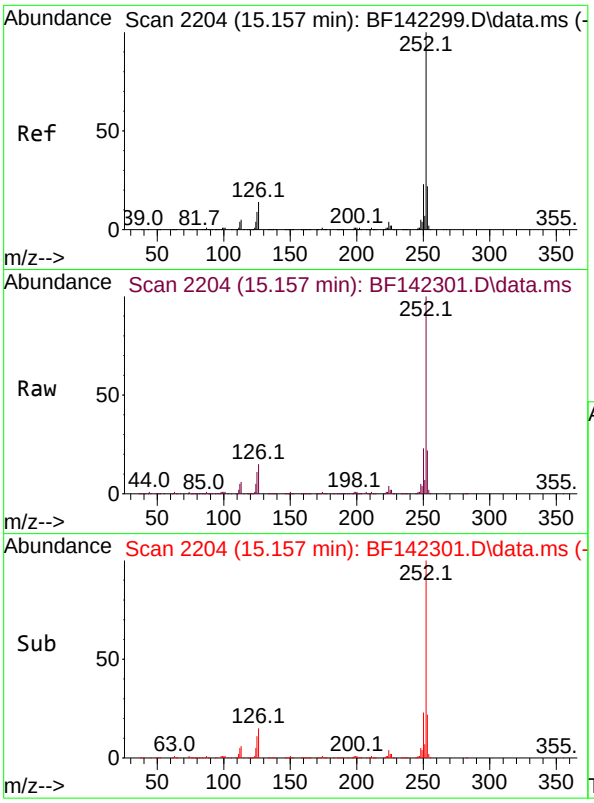


#88
Benzo(b)fluoranthene
Concen: 56.551 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 1328806

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.7	13.1

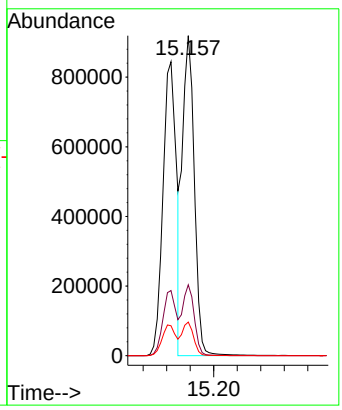




#89
Benzo(k)fluoranthene
Concen: 60.288 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 129637

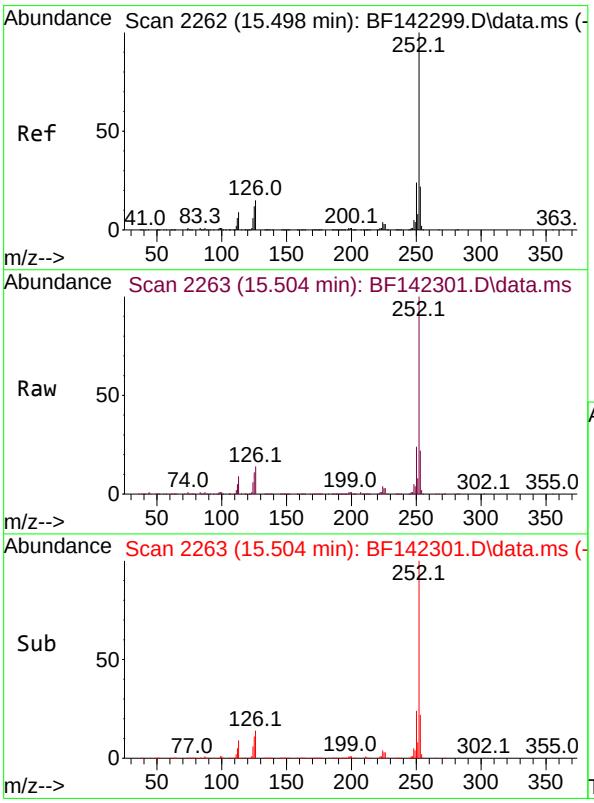
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

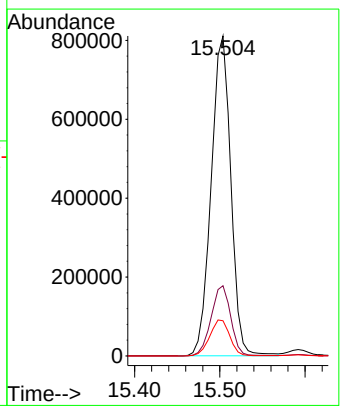
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

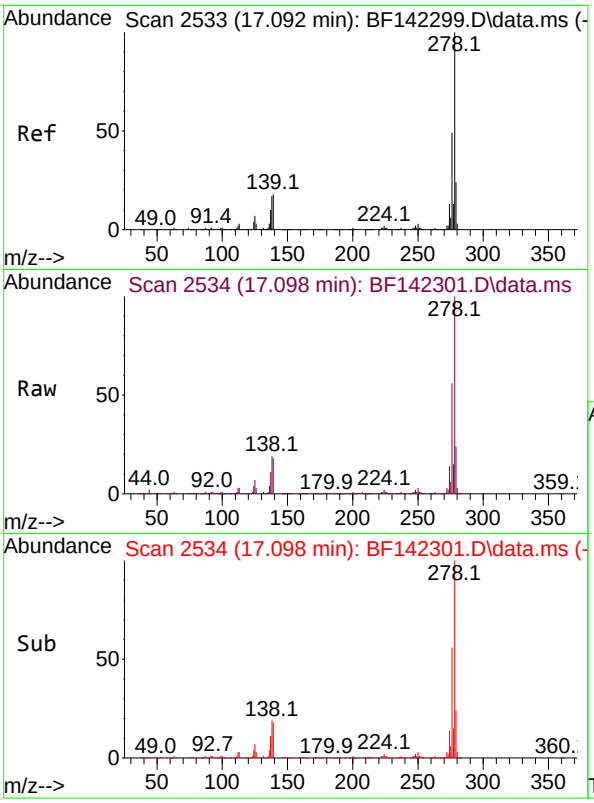


#90
Benzo(a)pyrene
Concen: 61.838 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:252 Resp: 1302088

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.0	9.4	14.0

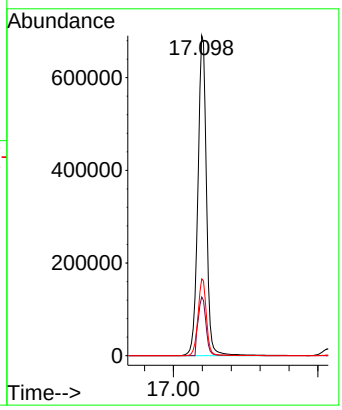




#91
Dibenzo(a,h)anthracene
Concen: 63.902 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:278 Resp: 142478

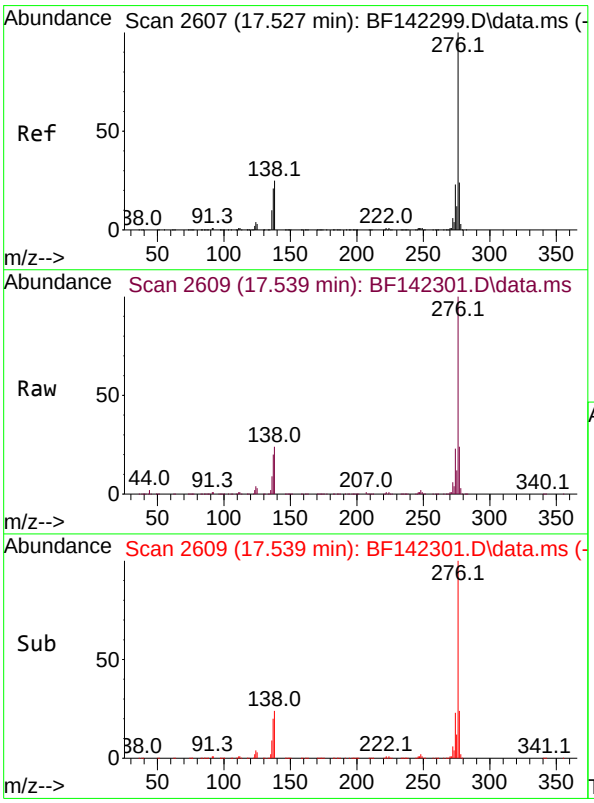
Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.5	21.7
279	24.0	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

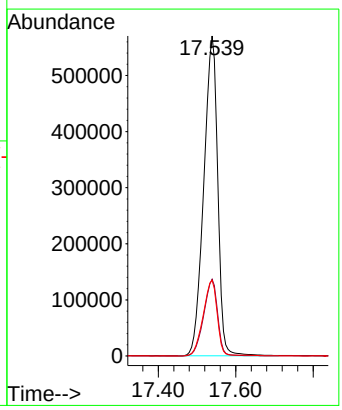
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 64.444 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.012 min
Lab File: BF142301.D
Acq: 05 May 2025 16:47

Tgt Ion:276 Resp: 1426095

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	23.6	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	205452	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	801101	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	414811	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	679241	20.000	ng		0.00
76) Chrysene-d12	14.074	240	373928	20.000	ng		0.00
86) Perylene-d12	15.562	264	426614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1784288	148.254	ng		0.00
7) Phenol-d6	6.534	99	2195377	148.311	ng		0.01
23) Nitrobenzene-d5	7.481	82	2128583	162.047	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	652850	163.012	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	3617174	124.337	ng		0.00
79) Terphenyl-d14	13.021	244	3360156	133.004	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	419794	77.457	ng		100
3) Pyridine	3.457	79	1043726	82.025	ng		99
4) n-Nitrosodimethylamine	3.422	42	579736	78.391	ng		99
6) Aniline	6.575	93	1209360	83.294	ng		100
8) 2-Chlorophenol	6.692	128	1007022	78.300	ng		99
10) Phenol	6.551	94	1172548m	74.728	ng		
11) bis(2-Chloroethyl)ether	6.645	93	1143684m	73.913	ng		
12) 1,3-Dichlorobenzene	6.851	146	1066308	72.470	ng		99
13) 1,4-Dichlorobenzene	6.928	146	1063540	71.991	ng		99
14) 1,2-Dichlorobenzene	7.081	146	1030293	72.657	ng		99
15) Benzyl Alcohol	7.051	79	799114	83.370	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1679925	72.703	ng		99
17) 2-Methylphenol	7.157	107	803596	77.177	ng		98
18) Hexachloroethane	7.422	117	380705	77.452	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	688261	75.168	ng		97
20) 3+4-Methylphenols	7.316	107	921424	70.906	ng	#	89
22) Acetophenone	7.322	105	1245347	69.916	ng	#	94
24) Nitrobenzene	7.498	77	978534	79.029	ng		97
25) Isophorone	7.739	82	1916388	77.044	ng		100
26) 2-Nitrophenol	7.810	139	496348	80.172	ng		99
27) 2,4-Dimethylphenol	7.839	122	958602	76.651	ng		100
28) bis(2-Chloroethoxy)met...	7.939	93	1171369	73.236	ng		100
29) 2,4-Dichlorophenol	8.045	162	832329	78.283	ng		100
30) 1,2,4-Trichlorobenzene	8.133	180	868126	72.551	ng		99
31) Naphthalene	8.216	128	2675722	68.916	ng		99
32) Benzoic acid	7.975	122	622313m	79.184	ng		
33) 4-Chloroaniline	8.263	127	1251630m	79.003	ng		
34) Hexachlorobutadiene	8.333	225	520499	73.460	ng		99
35) Caprolactam	8.651	113	261433m	84.368	ng		
36) 4-Chloro-3-methylphenol	8.739	107	840535	76.050	ng		100
37) 2-Methylnaphthalene	8.904	142	1669985	69.220	ng		98
38) 1-Methylnaphthalene	9.004	142	1714046	68.165	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	849773	73.349	ng		99
41) Hexachlorocyclopentadiene	9.057	237	612608	85.560	ng		100
43) 2,4,6-Trichlorophenol	9.180	196	605787	82.898	ng		99
44) 2,4,5-Trichlorophenol	9.216	196	611514	78.648	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2173202	68.328	ng		99
47) 2-Chloronaphthalene	9.398	162	1688751	71.397	ng		99
48) 2-Nitroaniline	9.486	65	547789	90.354	ng		98
49) Acenaphthylene	9.810	152	2763028	69.830	ng		98
50) Dimethylphthalate	9.675	163	1968431	73.901	ng		100
51) 2,6-Dinitrotoluene	9.733	165	437098	87.669	ng		93
52) Acenaphthene	9.986	154	1694020	71.203	ng		99
53) 3-Nitroaniline	9.904	138	510152	87.244	ng		96
54) 2,4-Dinitrophenol	10.004	184	210652	80.686	ng	#	3
55) Dibenzofuran	10.157	168	2410169	68.642	ng		98
56) 4-Nitrophenol	10.051	139	383978	87.250	ng		97
57) 2,4-Dinitrotoluene	10.133	165	566575	88.591	ng		99
58) Fluorene	10.498	166	1792549	66.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	520638	81.113	ng		98
60) Diethylphthalate	10.369	149	1909012	71.766	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	888242	68.707	ng		98
62) 4-Nitroaniline	10.516	138	323923	69.894	ng		99
63) Azobenzene	10.651	77	1821504	71.660	ng		99
65) 4,6-Dinitro-2-methylph...	10.539	198	273917	80.746	ng		96
66) n-Nitrosodiphenylamine	10.610	169	1658390	73.372	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	590568	76.716	ng		98
68) Hexachlorobenzene	11.045	284	650802	76.857	ng		96
69) Atrazine	11.133	200	476112	79.910	ng		99
70) Pentachlorophenol	11.233	266	390517	87.666	ng		97
71) Phenanthrene	11.463	178	2460275	69.101	ng		98
72) Anthracene	11.516	178	2518162	68.834	ng		99
73) Carbazole	11.663	167	2274167	69.290	ng		99
74) Di-n-butylphthalate	11.992	149	2521480	73.060	ng		99
75) Fluoranthene	12.645	202	2345160	65.892	ng		99
77) Benzidine	12.774	184	504643	74.263	ng		99
78) Pyrene	12.874	202	2325631	69.874	ng		99
80) Butylbenzylphthalate	13.492	149	788213	78.621	ng		99
81) Benzo(a)anthracene	14.063	228	1782801	73.621	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	474263	84.217	ng		99
83) Chrysene	14.104	228	1687889	74.873	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1042846	79.404	ng		100
85) Di-n-octyl phthalate	14.668	149	1969676	80.100	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	2392344	80.614	ng		100
88) Benzo(b)fluoranthene	15.127	252	1972745	76.350	ng		99
89) Benzo(k)fluoranthene	15.162	252	1653244	69.919	ng		100
90) Benzo(a)pyrene	15.504	252	1797975	77.653	ng		100
91) Dibenzo(a,h)anthracene	17.109	278	1926135	78.562	ng		99
92) Benzo(g,h,i)perylene	17.551	276	1951121	80.182	ng		99

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

ICAL Form

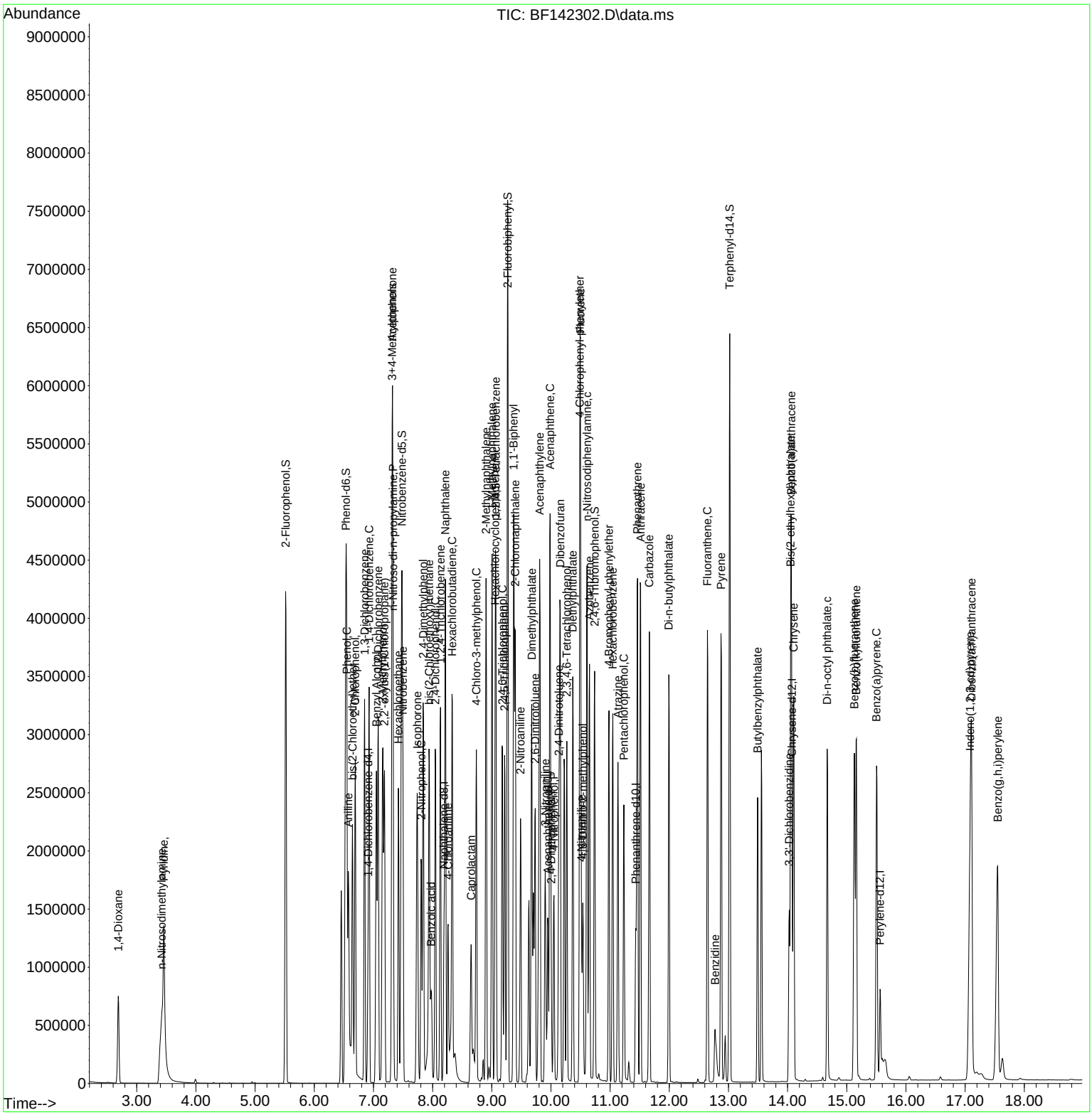
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142302.D
Acq On : 05 May 2025 17:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

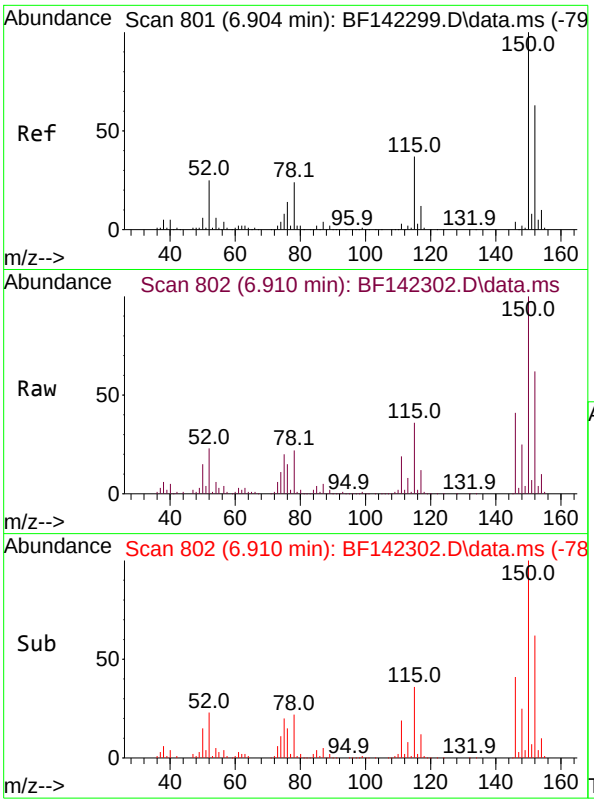
Quant Time: May 05 18:39:28 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:17:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

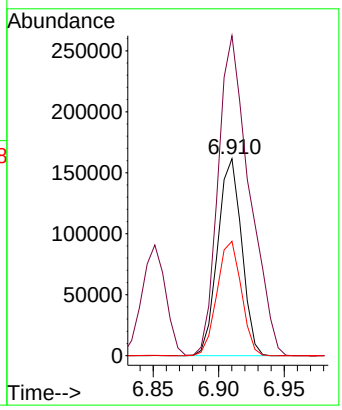




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:152 Resp: 20545

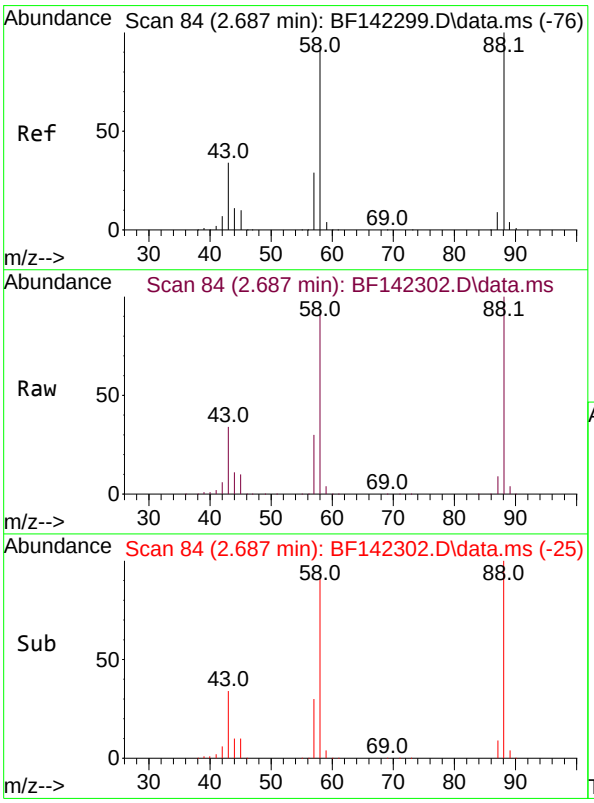
Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.6	190.0
115	58.1	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

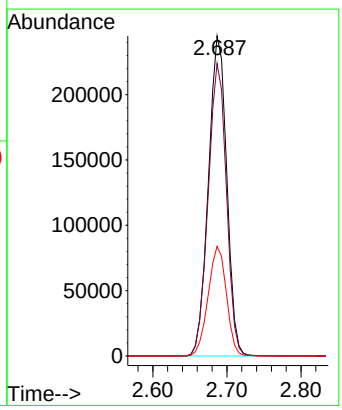
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

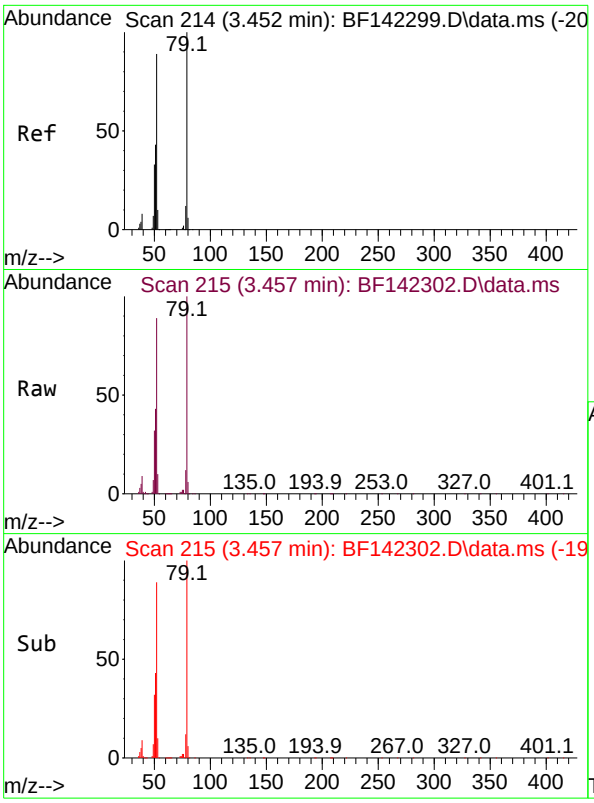


#2
1,4-Dioxane
Concen: 77.457 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 88 Resp: 419794

Ion	Ratio	Lower	Upper
88	100		
58	91.0	73.0	109.4
43	34.2	27.8	41.6

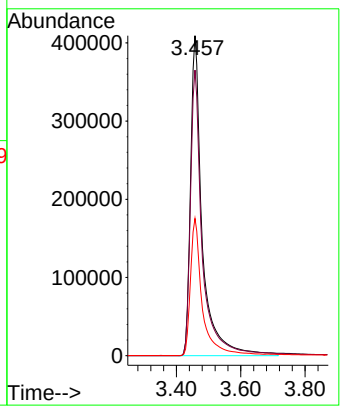




#3
Pyridine
Concen: 82.025 ng
RT: 3.457 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 79 Resp: 104372

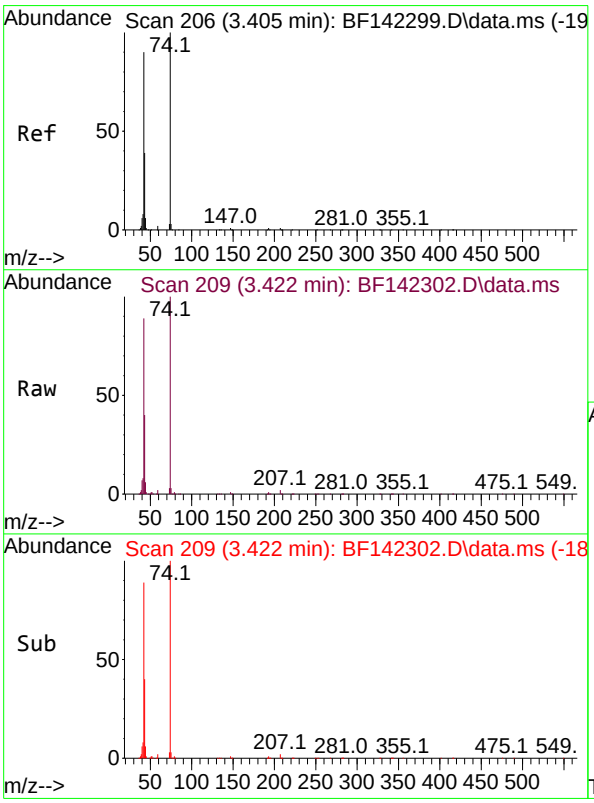
Ion	Ratio	Lower	Upper
79	100		
52	89.3	71.0	106.4
51	42.9	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

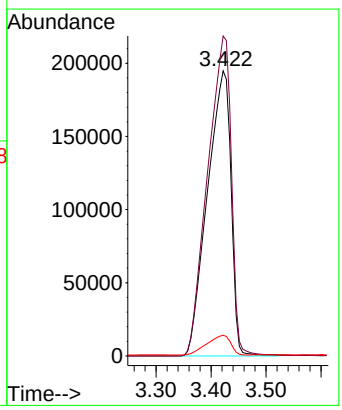
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

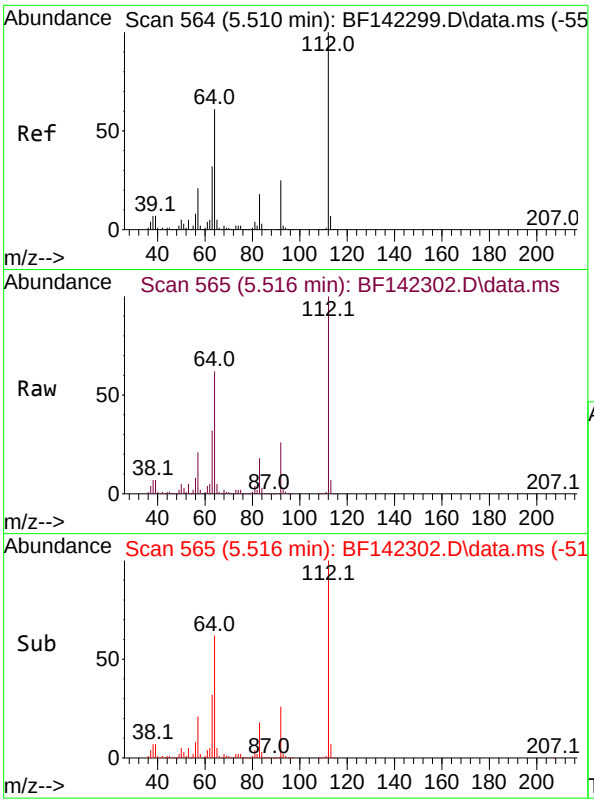


#4
n-Nitrosodimethylamine
Concen: 78.391 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 42 Resp: 579736

Ion	Ratio	Lower	Upper
42	100		
74	112.3	88.5	132.7
44	7.3	5.8	8.8





#5
2-Fluorophenol
Concen: 148.254 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

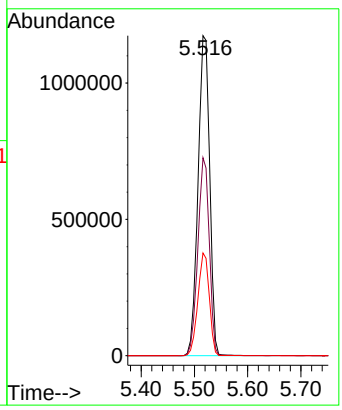
Tgt Ion:112 Resp: 178428

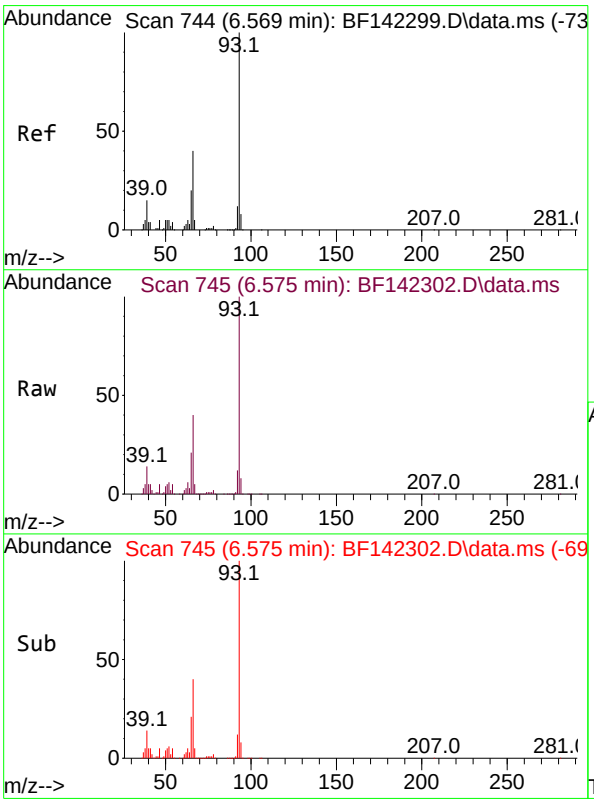
Ion	Ratio	Lower	Upper
112	100		
64	61.8	48.9	73.3
63	32.1	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

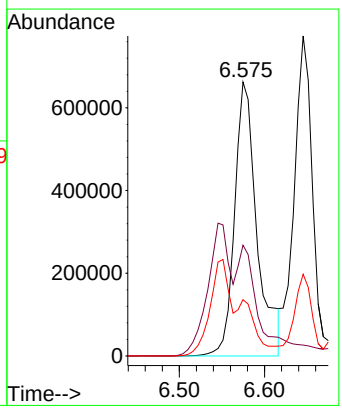


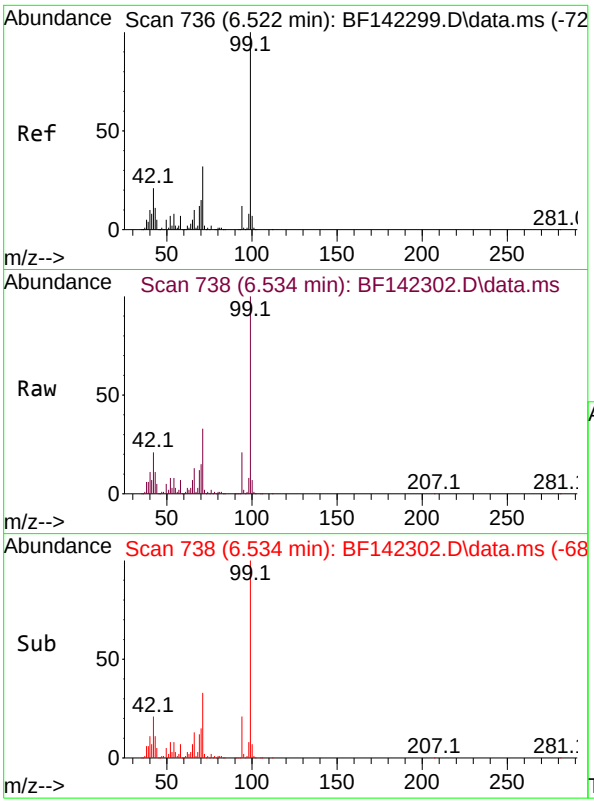


#6
Aniline
Concen: 83.294 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 93 Resp: 1209360

Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.2	48.4
65	20.6	16.3	24.5

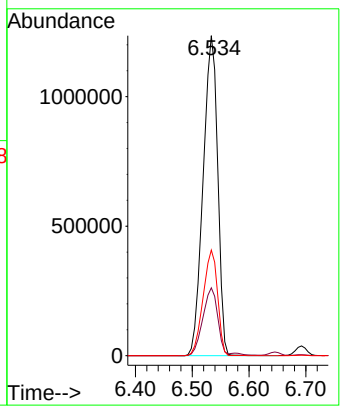




#7
Phenol-d6
Concen: 148.311 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 99 Resp: 219537

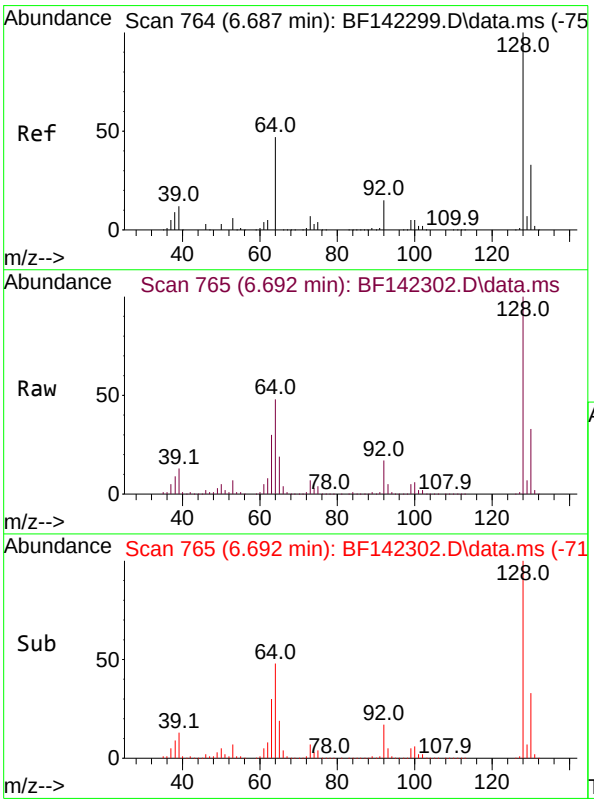
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	33.0	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

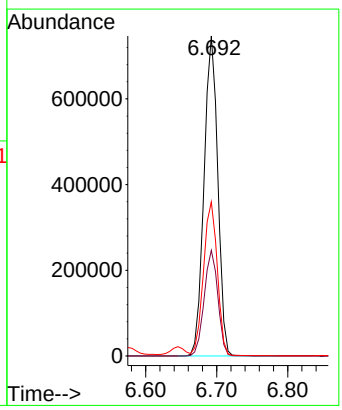
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

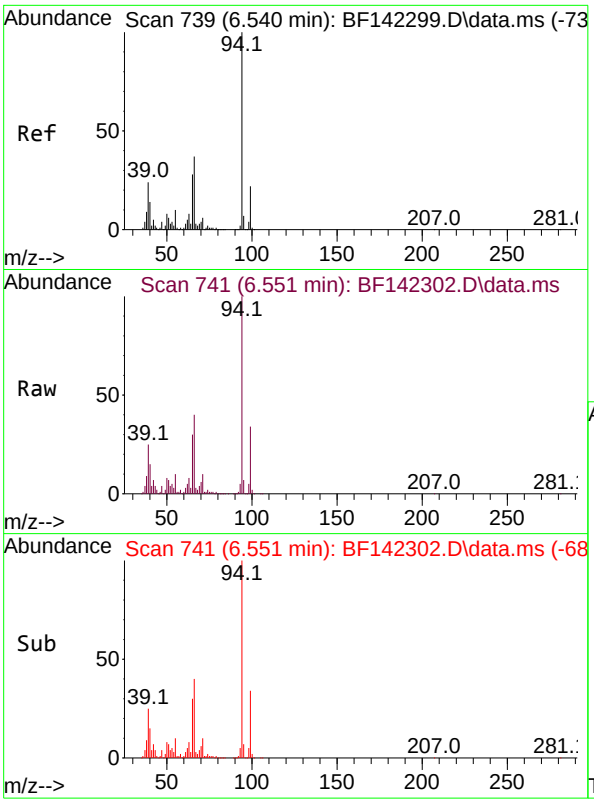


#8
2-Chlorophenol
Concen: 78.300 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:128 Resp: 1007022

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	48.1	29.2	69.2

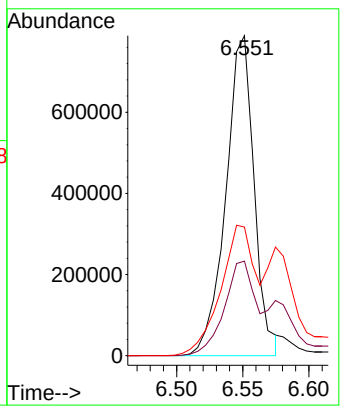




#10
Phenol
Concen: 74.728 ng m
RT: 6.551 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 94 Resp: 117254

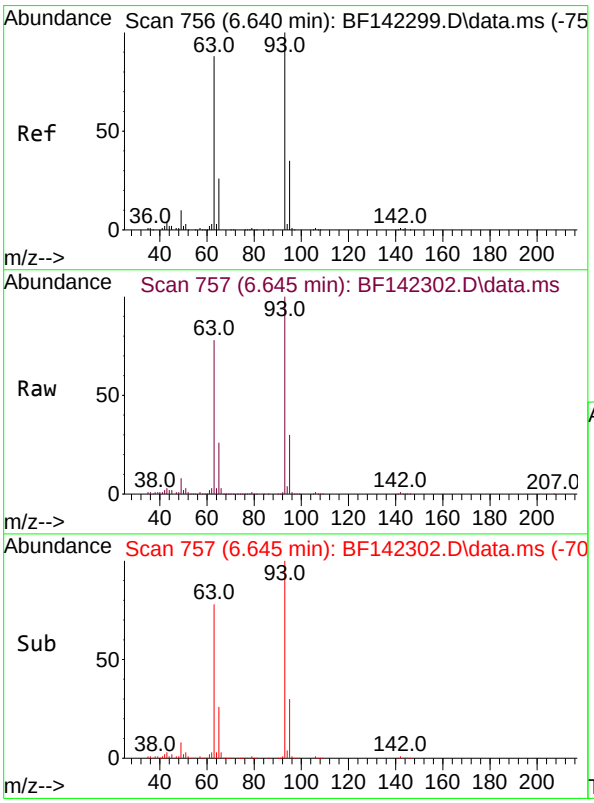
Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.5	48.5
66	40.2	17.3	57.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

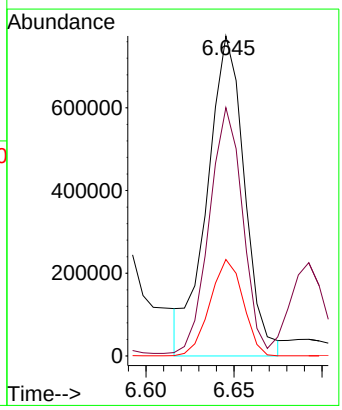
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

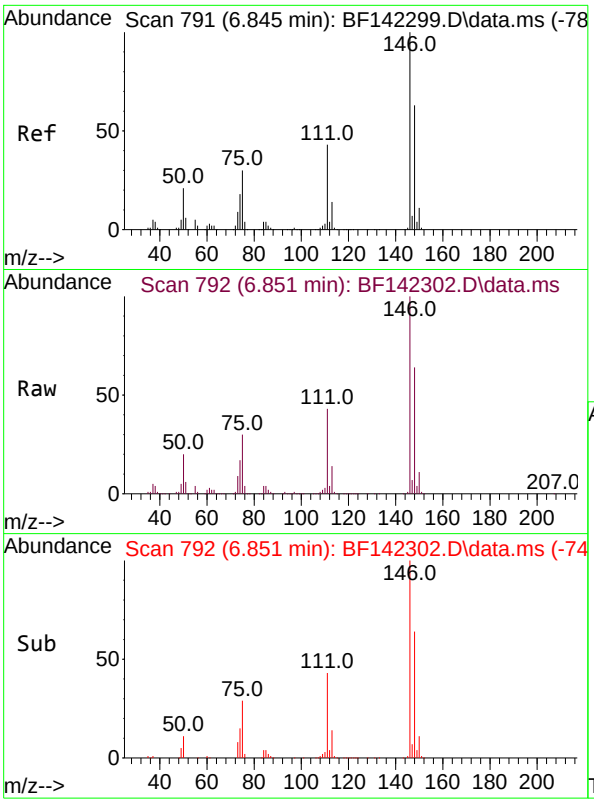


#11
bis(2-Chloroethyl)ether
Concen: 73.913 ng m
RT: 6.645 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 93 Resp: 1143684

Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.4	98.4
95	30.1	10.6	50.6

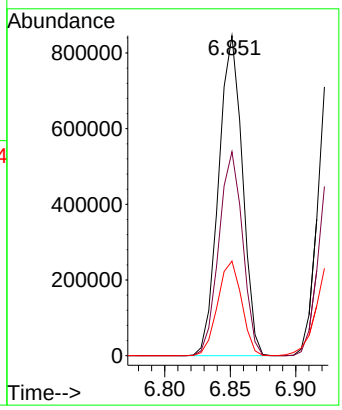




#12
1,3-Dichlorobenzene
Concen: 72.470 ng
RT: 6.851 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 106630

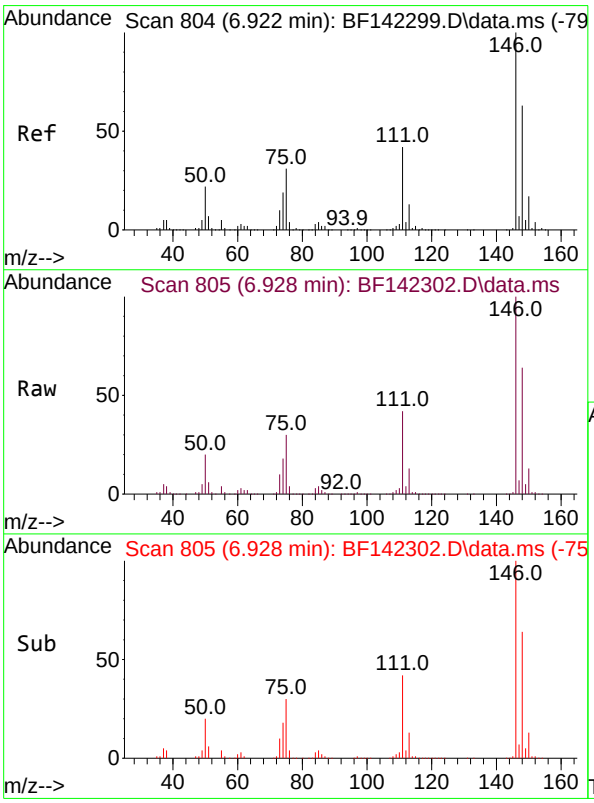
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
75	29.6	24.2	36.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

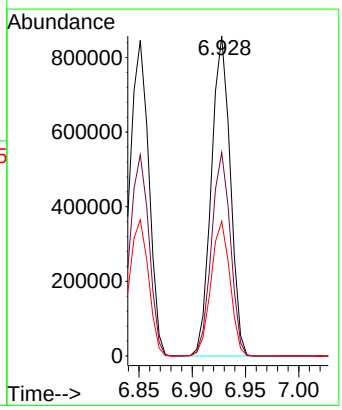
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

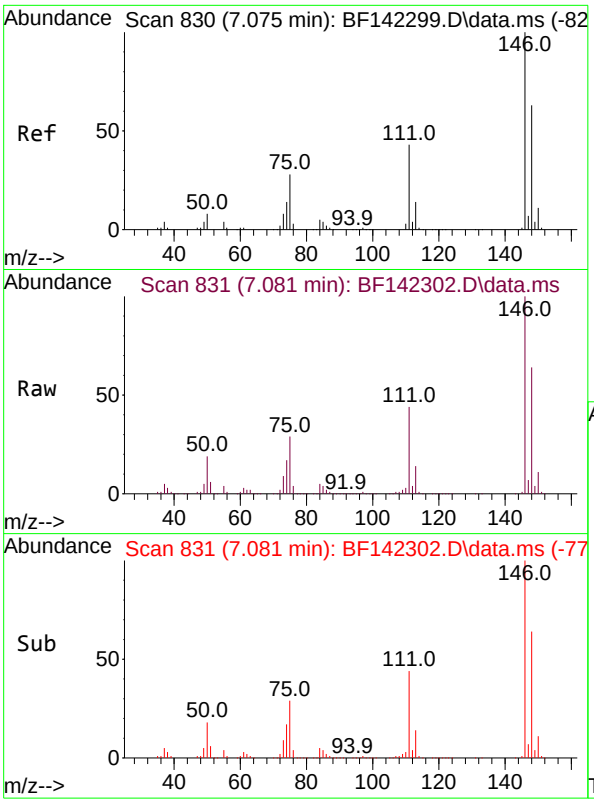


#13
1,4-Dichlorobenzene
Concen: 71.991 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 1063540

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	42.1	33.4	50.2

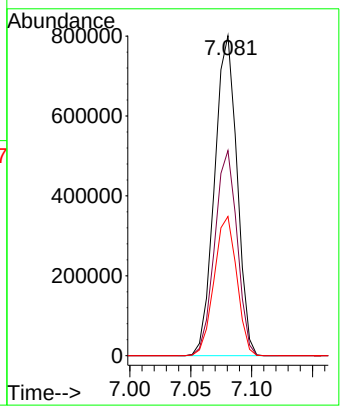




#14
1,2-Dichlorobenzene
Concen: 72.657 ng
RT: 7.081 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 103029

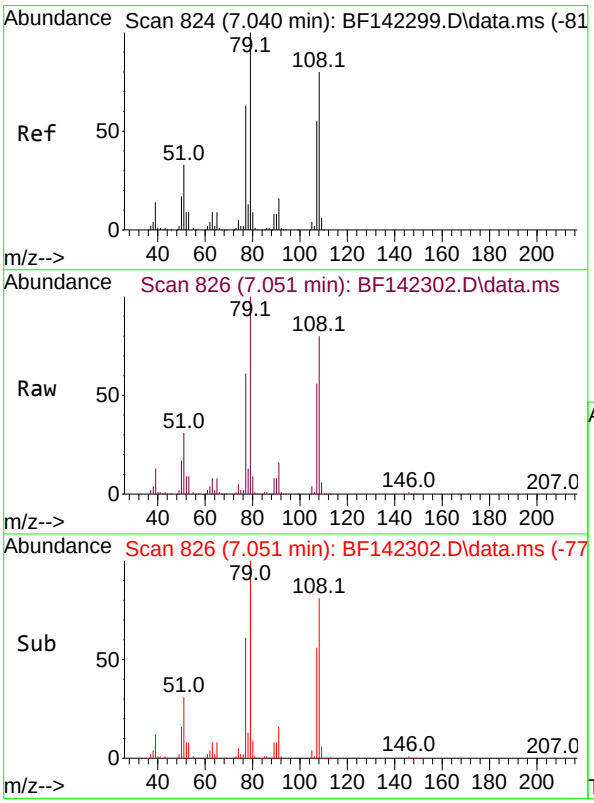
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.5	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

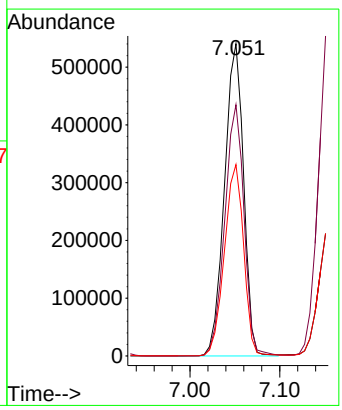
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

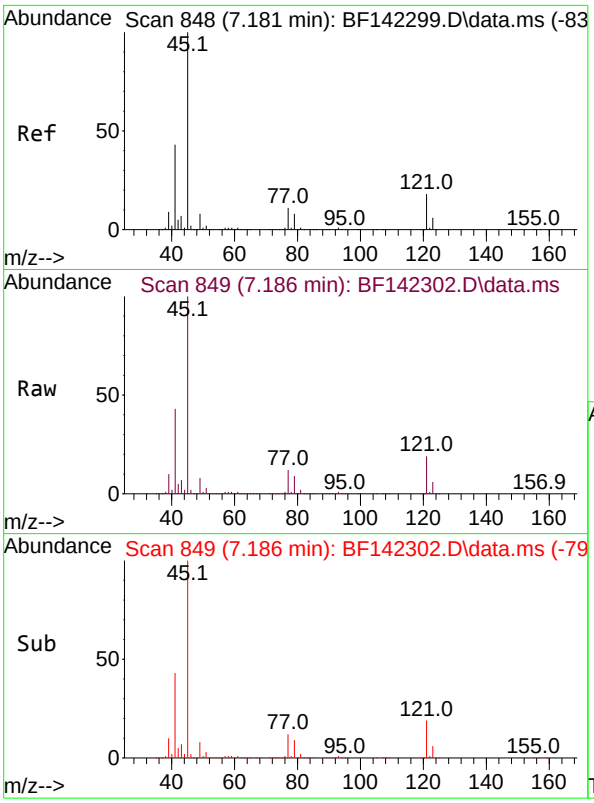


#15
Benzyl Alcohol
Concen: 83.370 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 79 Resp: 799114

Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.9	95.9
77	61.3	50.7	76.1





#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.703 ng
RT: 7.186 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

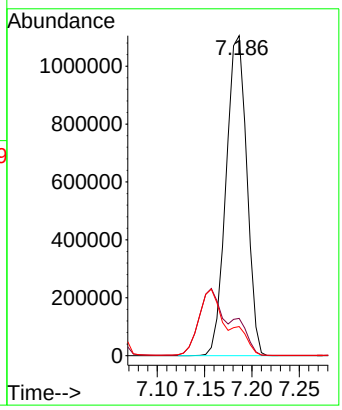
Tgt Ion: 45 Resp: 167992

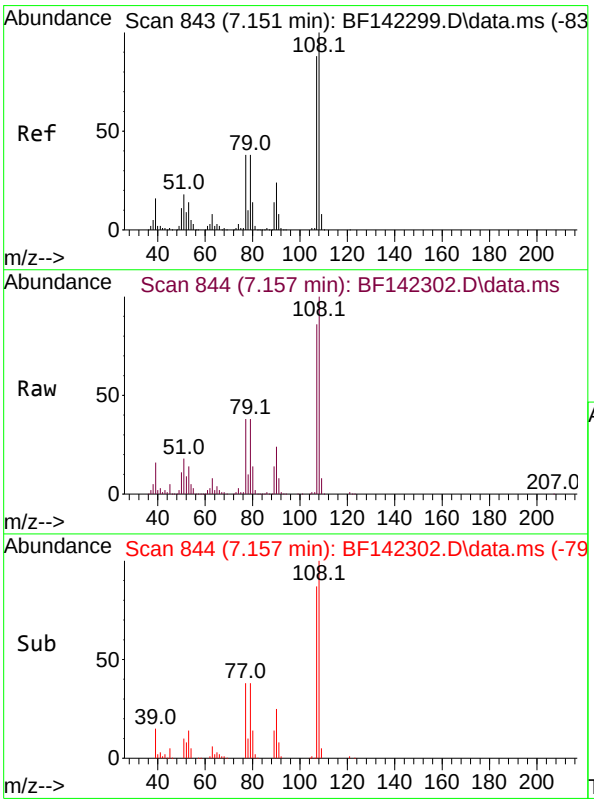
Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.1	0.0	28.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

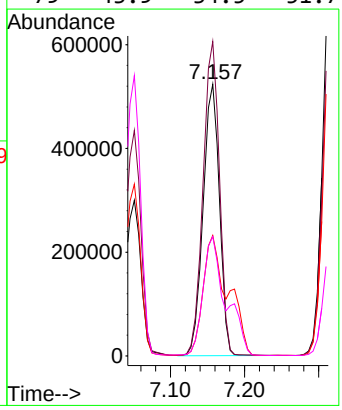


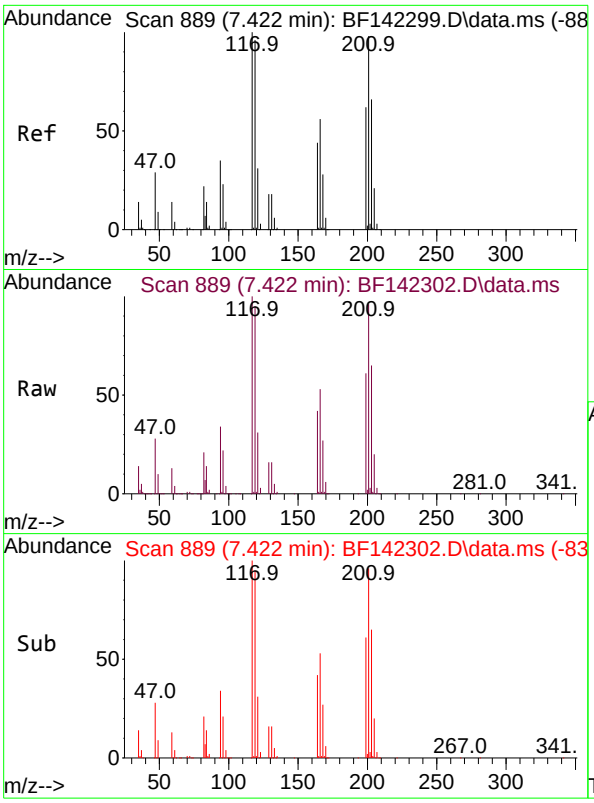


#17
2-Methylphenol
Concen: 77.177 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 803596

Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.1	136.7
77	44.4	34.7	52.1
79	43.9	34.5	51.7

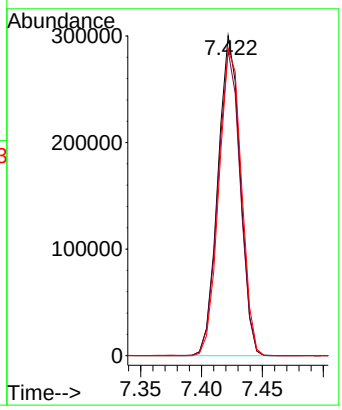




#18
Hexachloroethane
Concen: 77.452 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:117 Resp: 38070

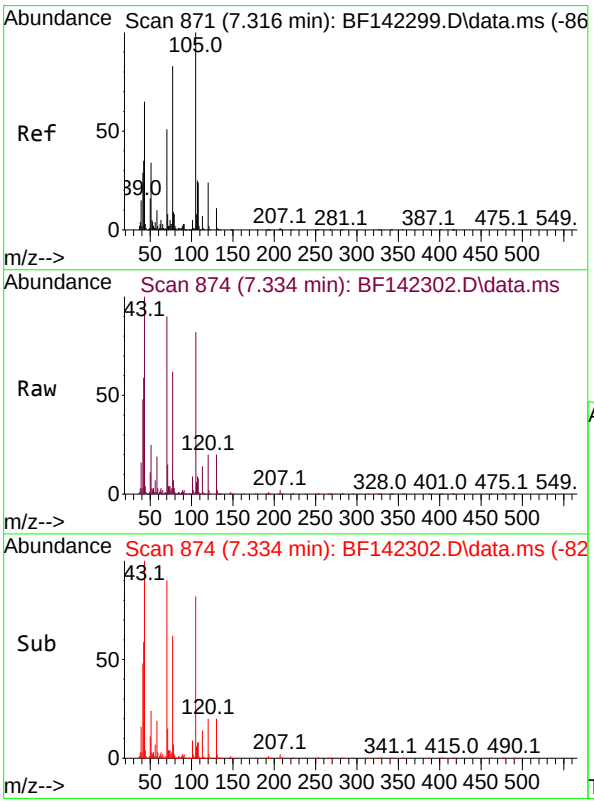
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	96.0	78.0	117.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

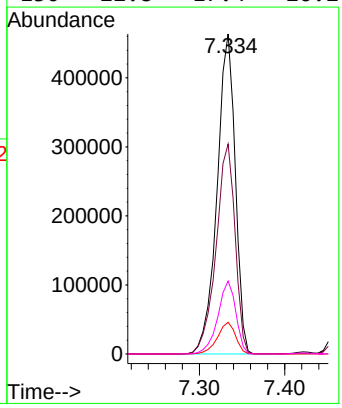
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

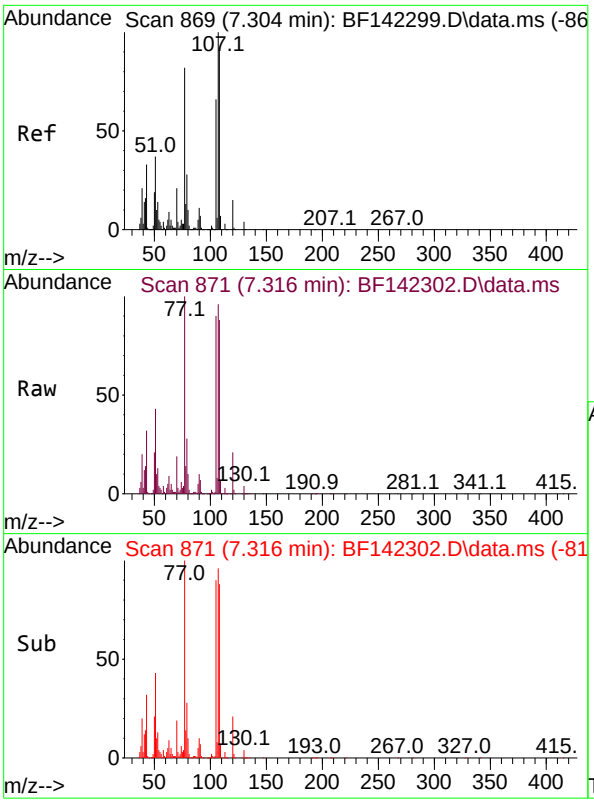


#19
n-Nitroso-di-n-propylamine
Concen: 75.168 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.018 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 70 Resp: 688261

Ion	Ratio	Lower	Upper
70	100		
42	65.6	54.8	82.2
101	9.9	7.7	11.5
130	22.8	17.4	26.2

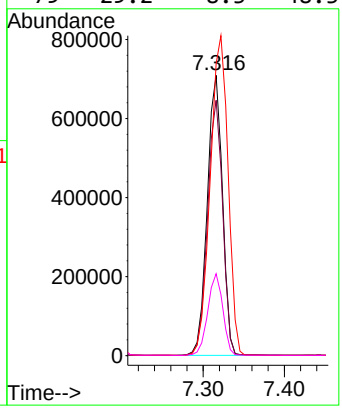




#20
3+4-Methylphenols
Concen: 70.906 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 92142

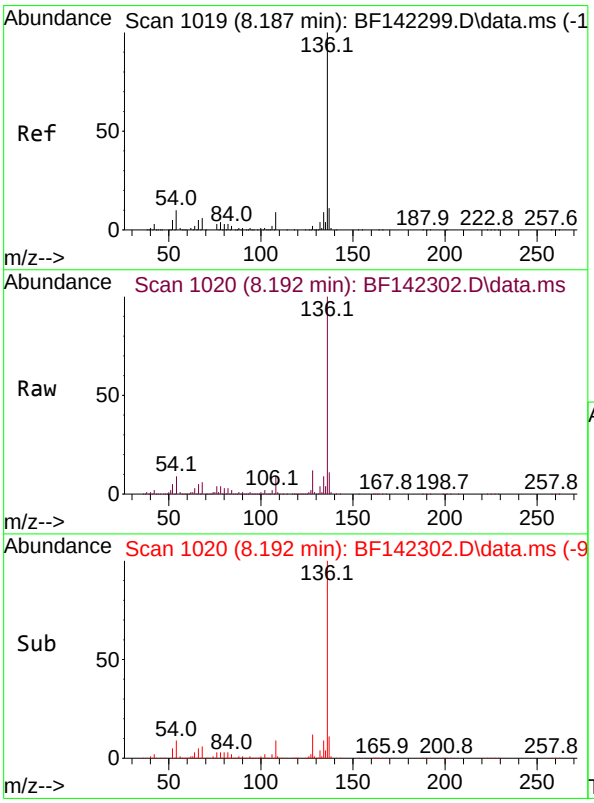
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.5	111.5
77	104.1	61.6	101.6
79	29.2	8.3	48.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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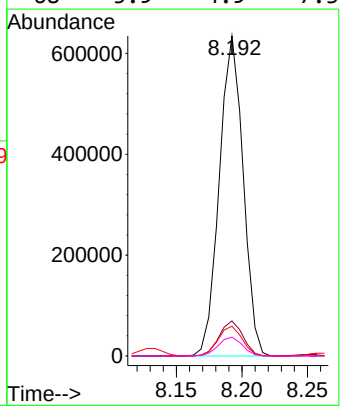
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

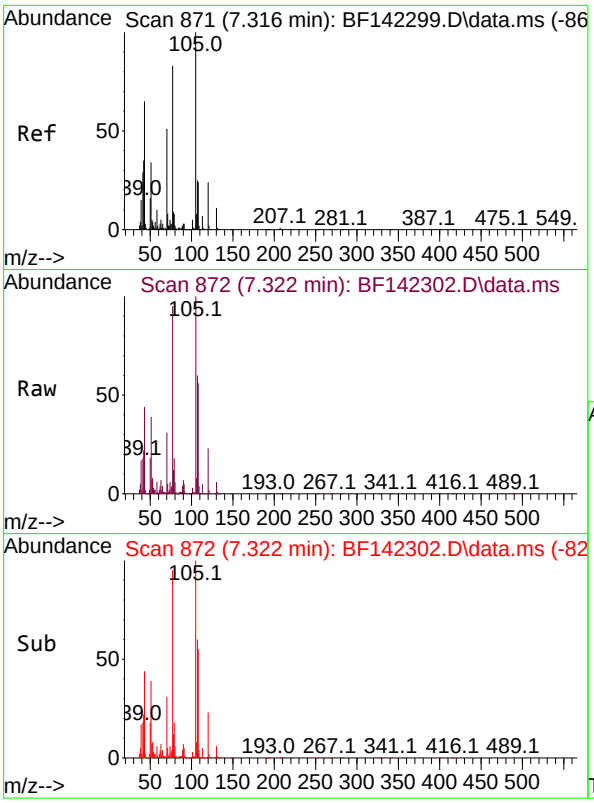


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:136 Resp: 801101

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	7.7	11.5
68	5.9	4.9	7.3

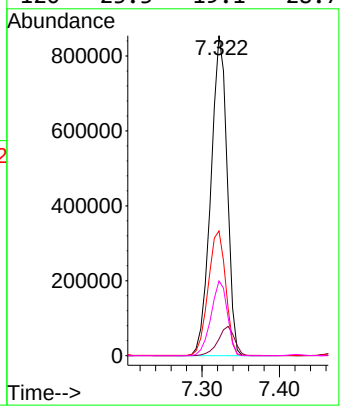




#22
Acetophenone
Concen: 69.916 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:105 Resp: 124534

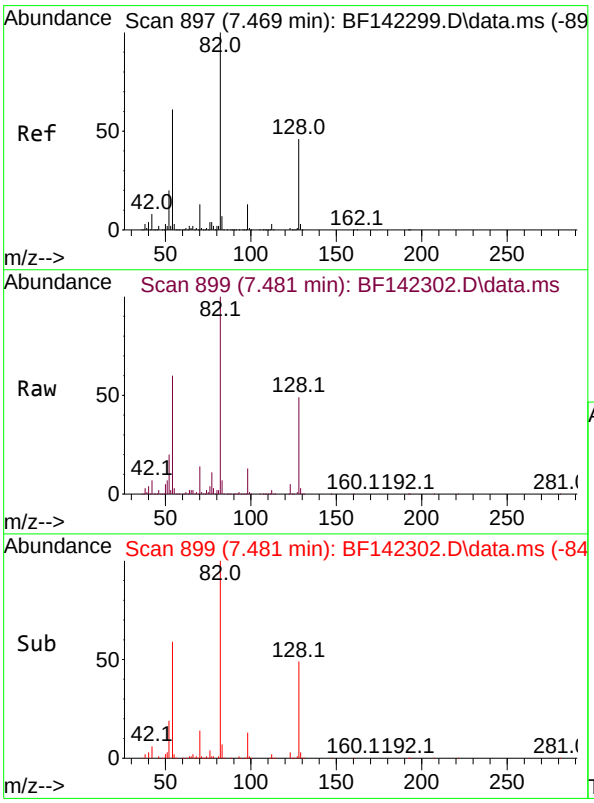
Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.7	10.1#
51	39.0	27.6	41.4
120	23.3	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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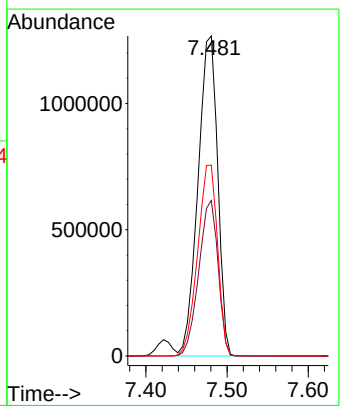
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

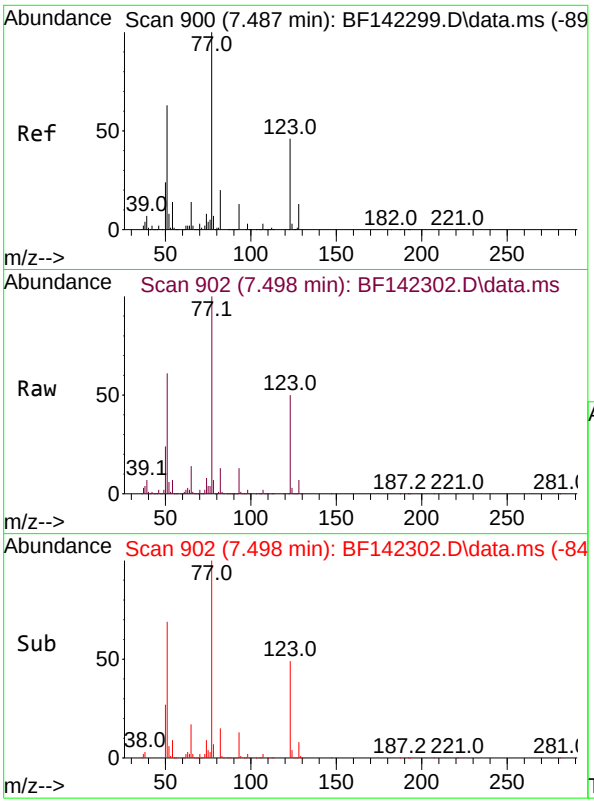


#23
Nitrobenzene-d5
Concen: 162.047 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 82 Resp: 2128583

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.0	55.6
54	59.7	48.6	73.0





#24
Nitrobenzene
Concen: 79.029 ng
RT: 7.498 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

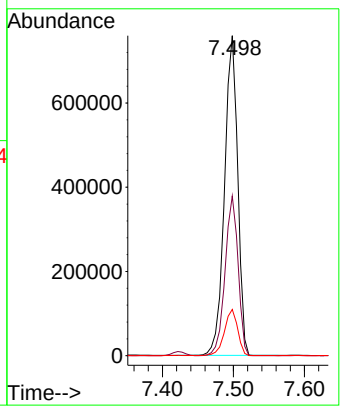
Tgt Ion: 77 Resp: 97853

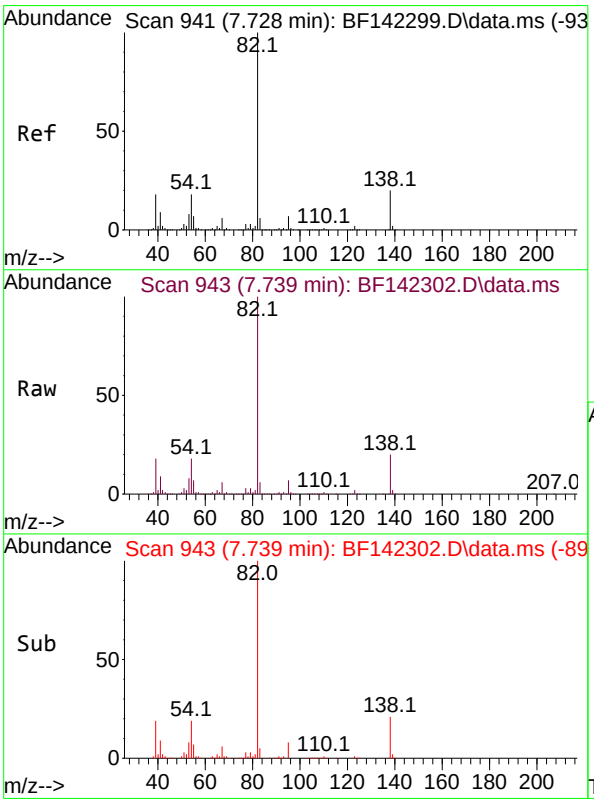
Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.8
65	14.5	11.4	17.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

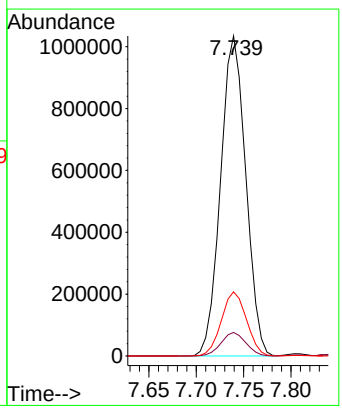


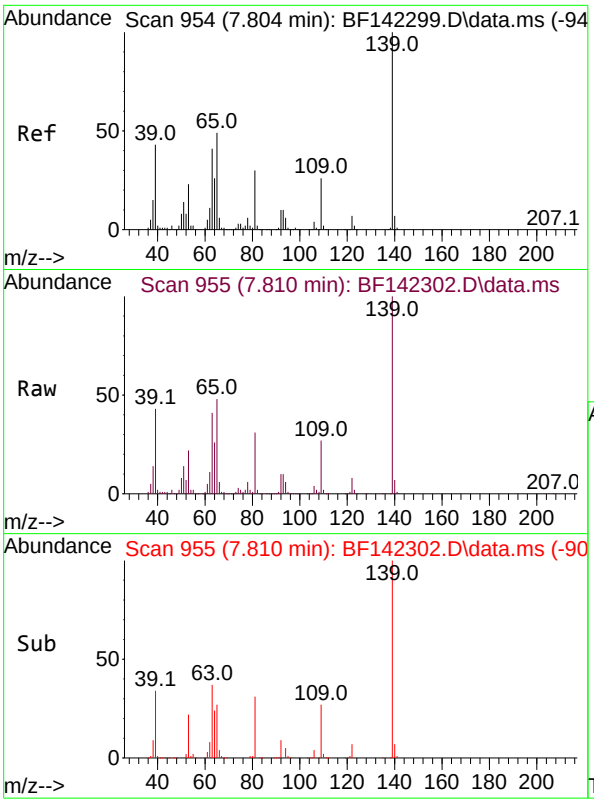


#25
Isophorone
Concen: 77.044 ng
RT: 7.739 min Scan# 943
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 82 Resp: 1916388

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.1	16.1	24.1





#26
2-Nitrophenol
Concen: 80.172 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

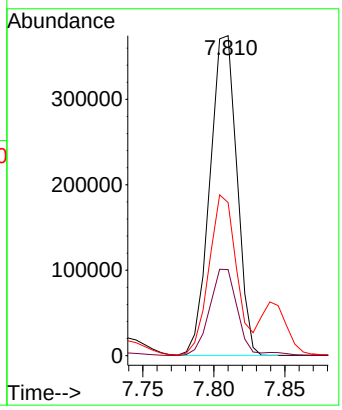
Tgt Ion:139 Resp: 49634

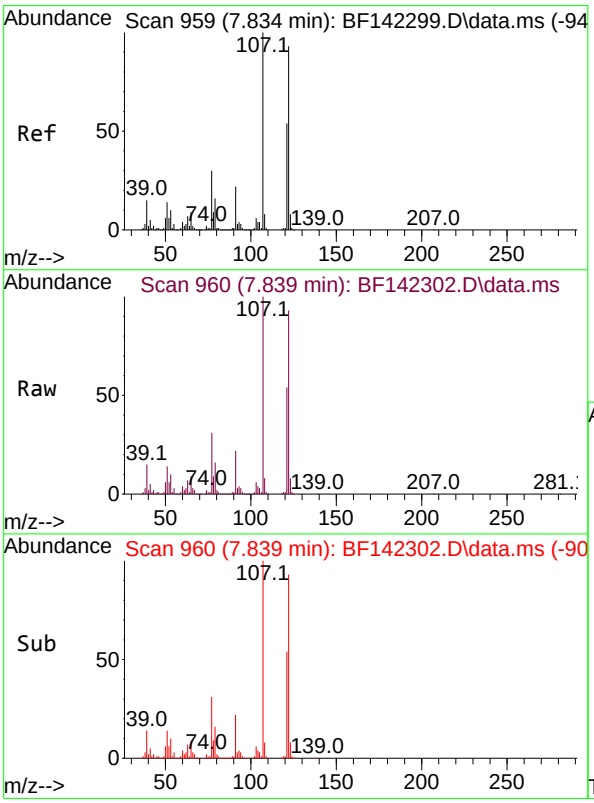
Ion	Ratio	Lower	Upper
139	100		
109	26.9	20.8	31.2
65	47.8	38.9	58.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

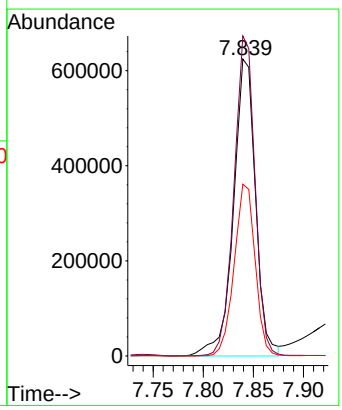


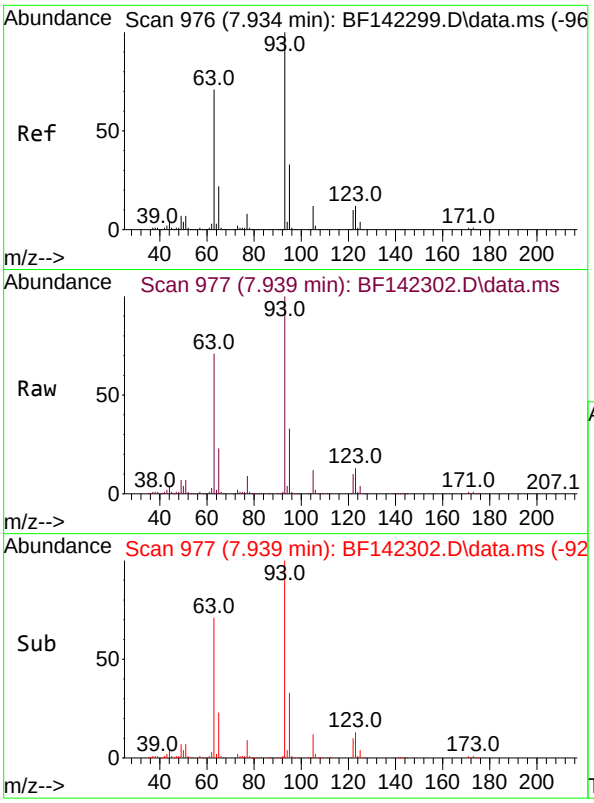


#27
2,4-Dimethylphenol
Concen: 76.651 ng
RT: 7.839 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:122 Resp: 958602

Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.0	129.0
121	57.8	46.2	69.4





#28
bis(2-Chloroethoxy)methane
Concen: 73.236 ng
RT: 7.939 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

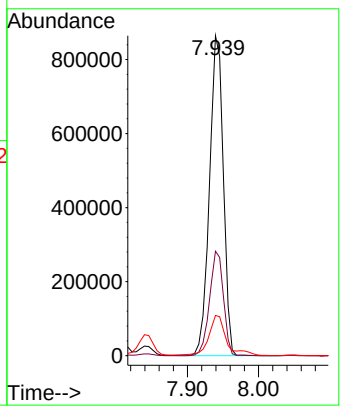
Tgt Ion: 93 Resp: 117136

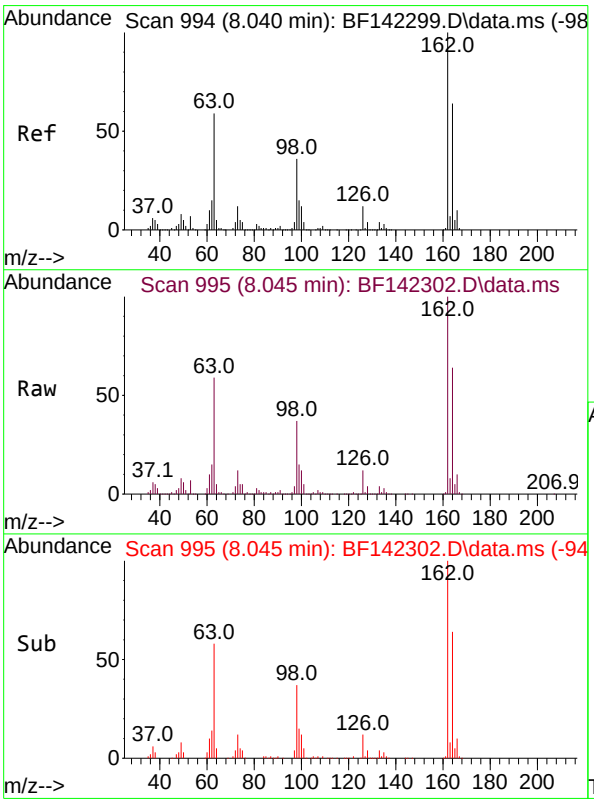
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	12.5	10.2	15.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

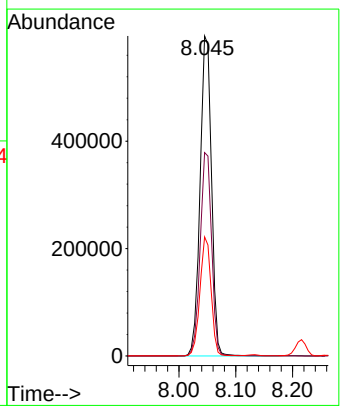


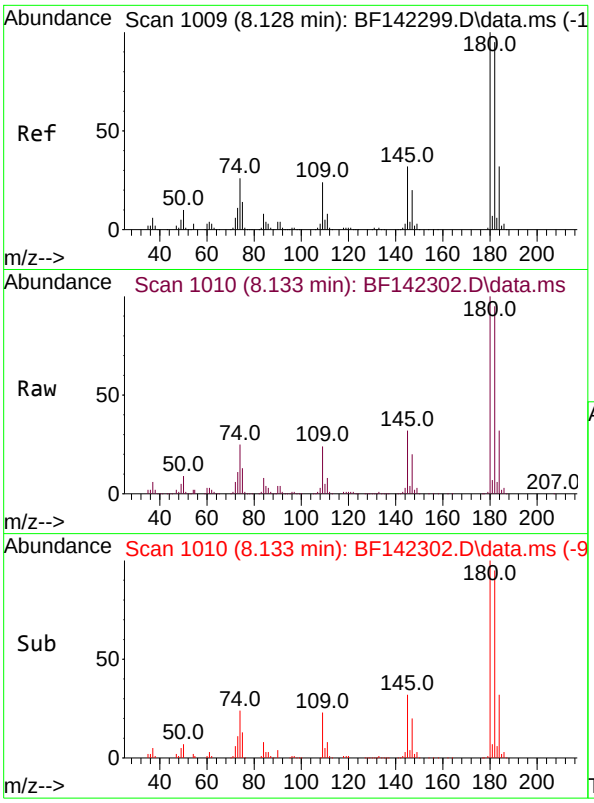


#29
2,4-Dichlorophenol
Concen: 78.283 ng
RT: 8.045 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:162 Resp: 832329

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	37.2	16.5	56.5

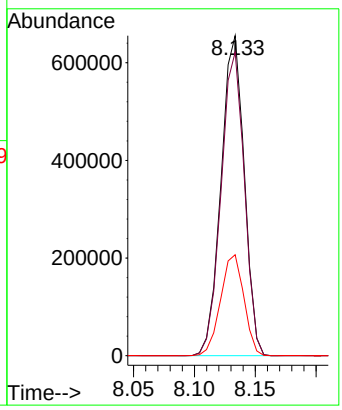




#30
1,2,4-Trichlorobenzene
Concen: 72.551 ng
RT: 8.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:180 Resp: 86812

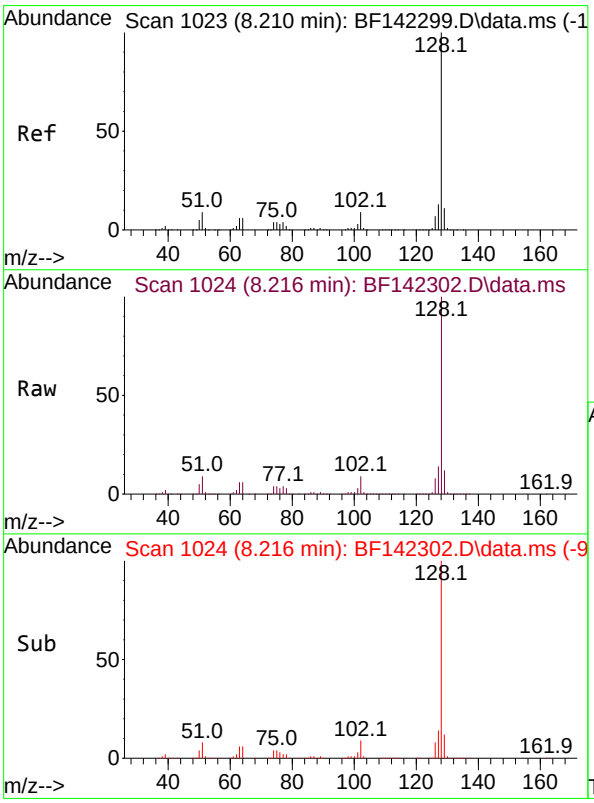
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	31.6	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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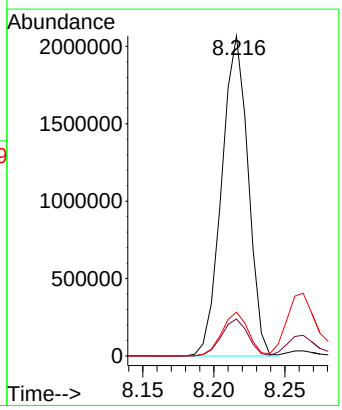
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

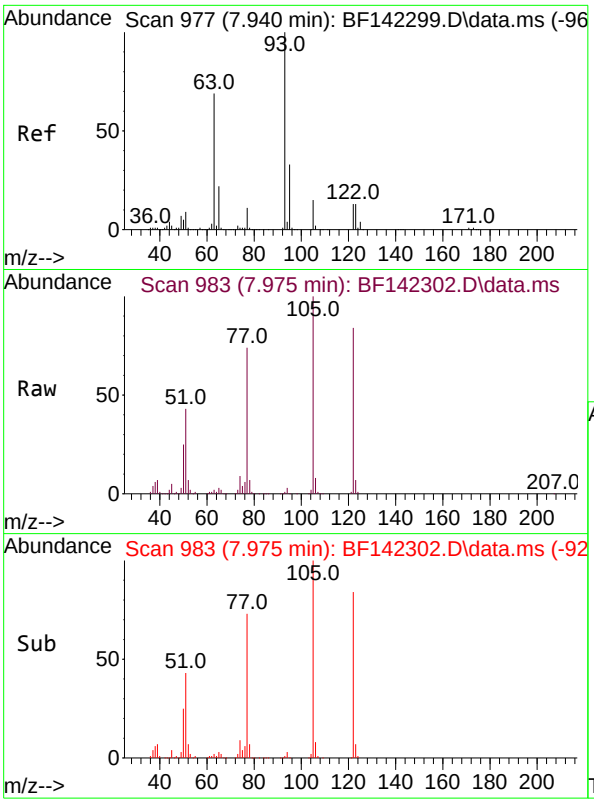


#31
Naphthalene
Concen: 68.916 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:128 Resp: 2675722

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.7	10.5	15.7

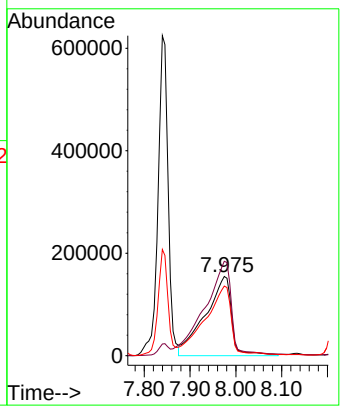




#32
Benzoic acid
Concen: 79.184 ng m
RT: 7.975 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:122 Resp: 62231

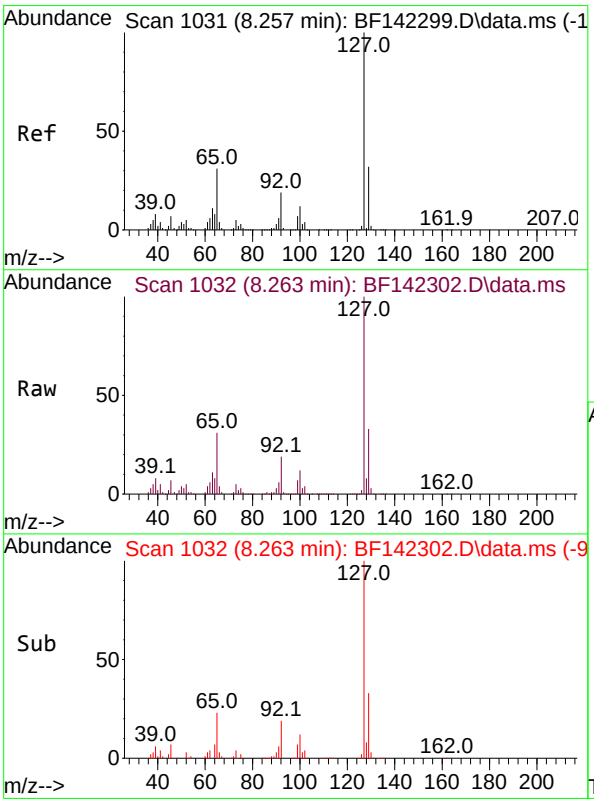
Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.9	137.9
77	88.0	67.7	107.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

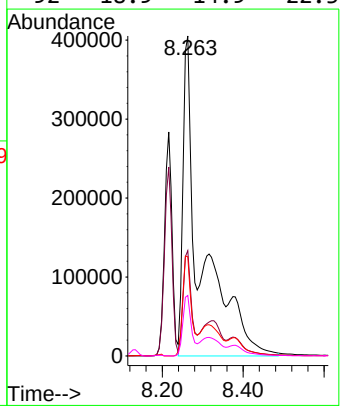
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

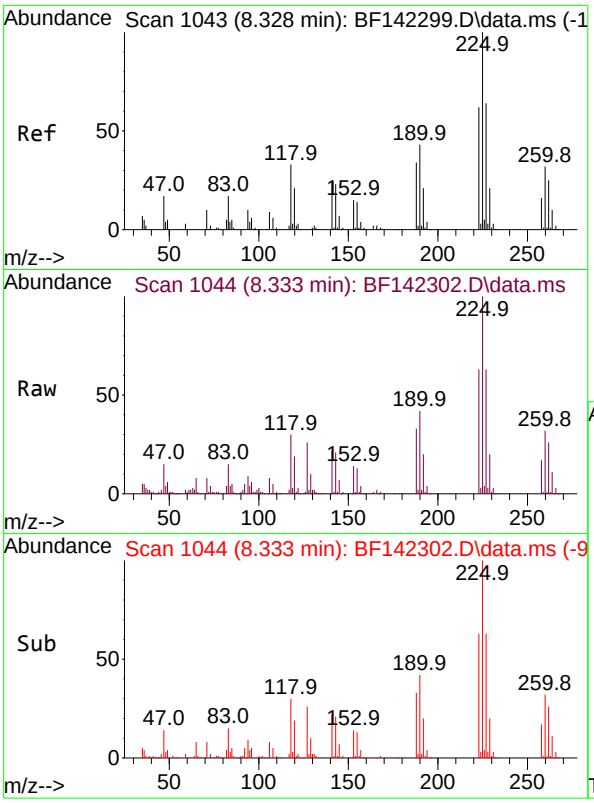


#33
4-Chloroaniline
Concen: 79.003 ng m
RT: 8.263 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:127 Resp: 1251630

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	31.0	24.9	37.3
92	18.9	14.9	22.3





#34
Hexachlorobutadiene
Concen: 73.460 ng
RT: 8.333 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

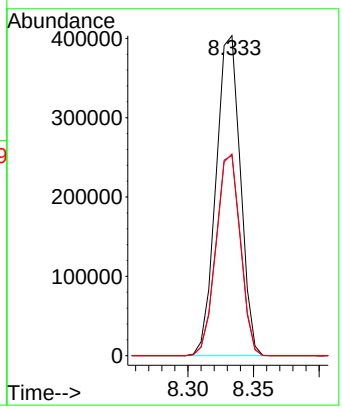
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

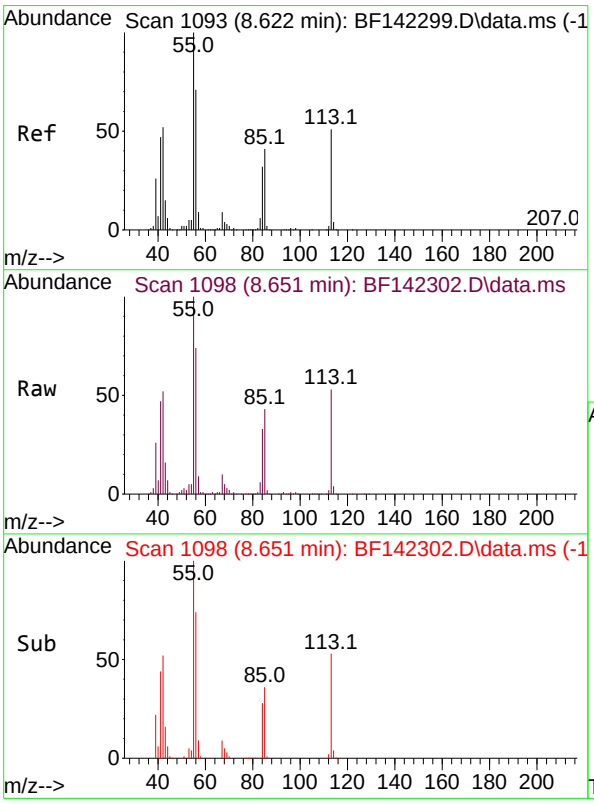
Tgt Ion:225 Resp: 52049

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.0	50.9	76.3

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

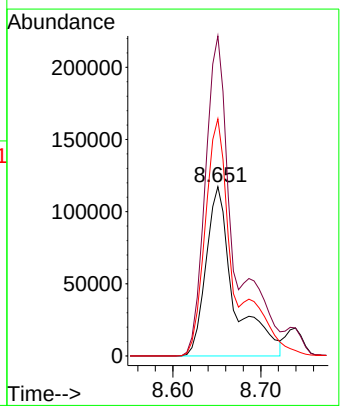


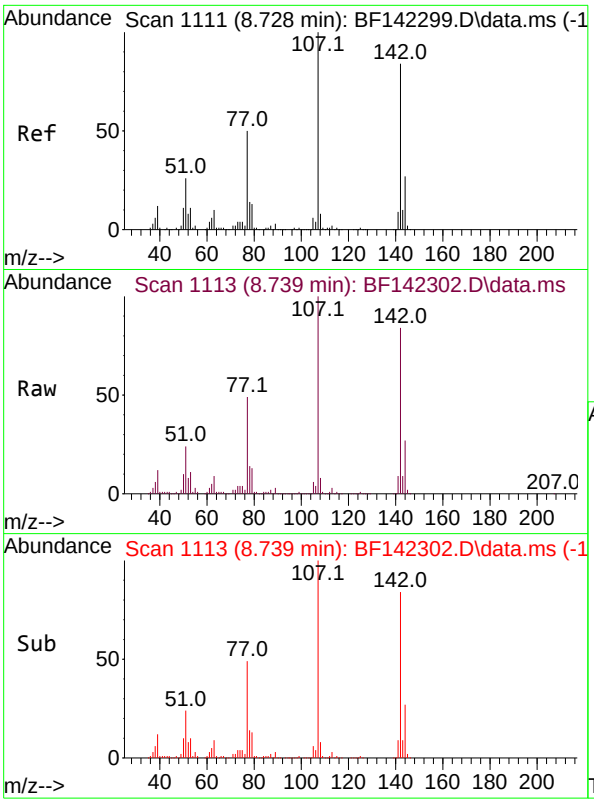


#35
Caprolactam
Concen: 84.368 ng m
RT: 8.651 min Scan# 1098
Delta R.T. 0.029 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:113 Resp: 261433

Ion	Ratio	Lower	Upper
113	100		
55	189.0	176.4	216.4
56	140.1	120.3	160.3

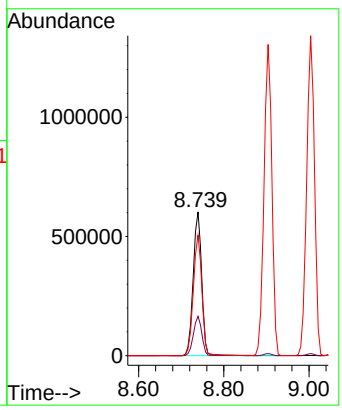




#36
4-Chloro-3-methylphenol
Concen: 76.050 ng
RT: 8.739 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 84053

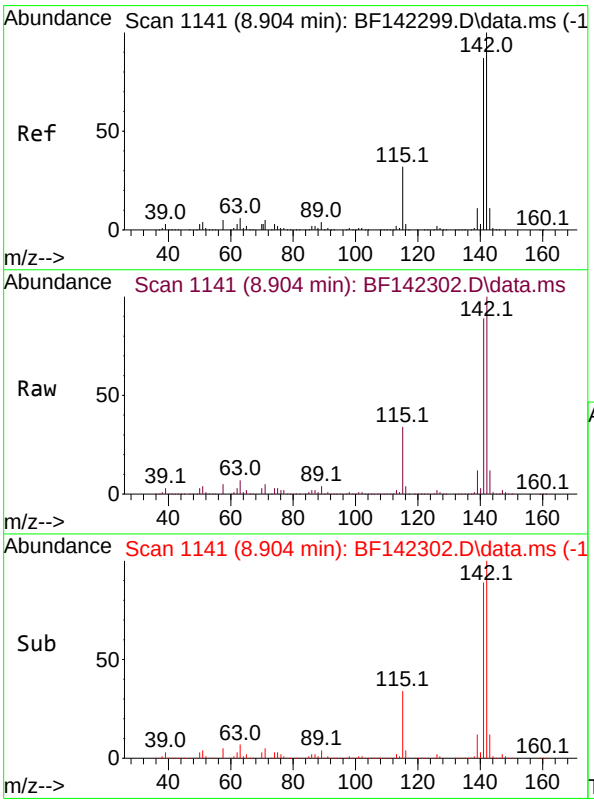
Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.3	31.9
142	83.7	66.9	100.3



Instrument :
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ClientSampleId :
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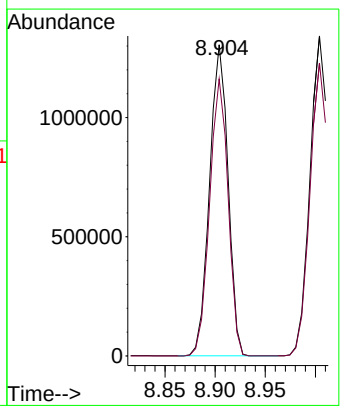
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

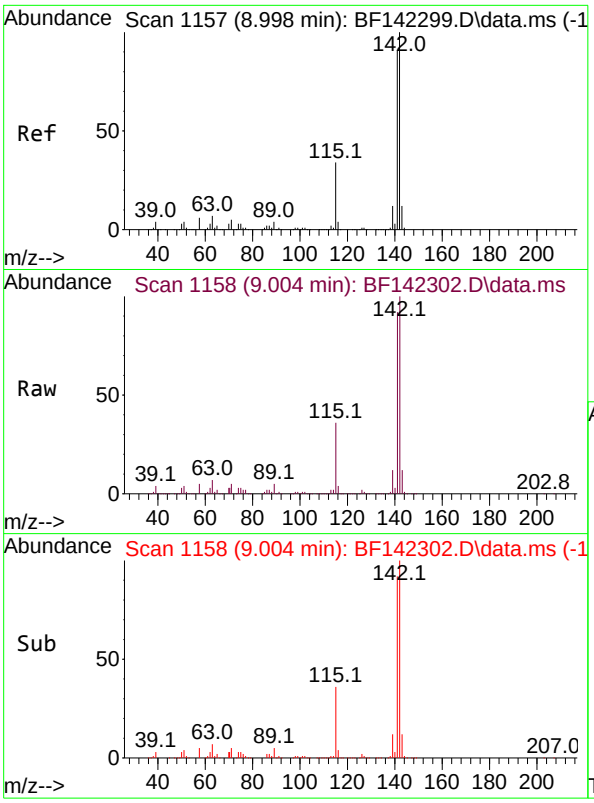


#37
2-Methylnaphthalene
Concen: 69.220 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:142 Resp: 1669985

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.4	104.2





#38
1-Methylnaphthalene
Concen: 68.165 ng
RT: 9.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

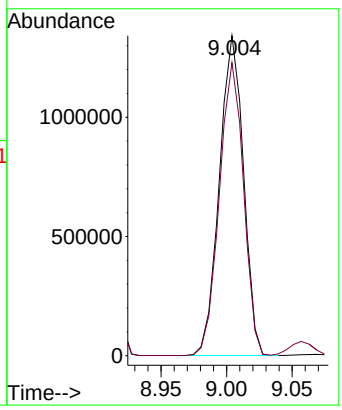
Tgt Ion:142 Resp: 171404

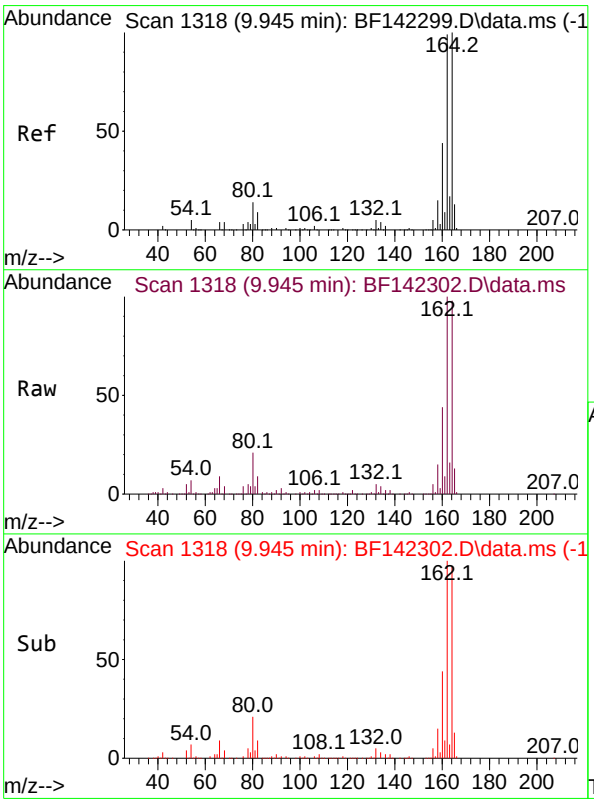
Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

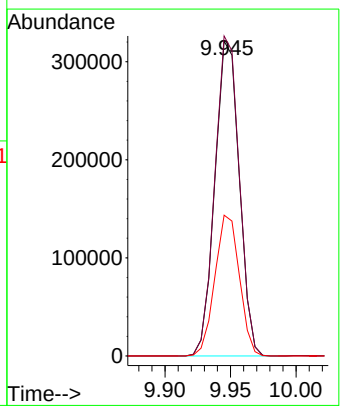


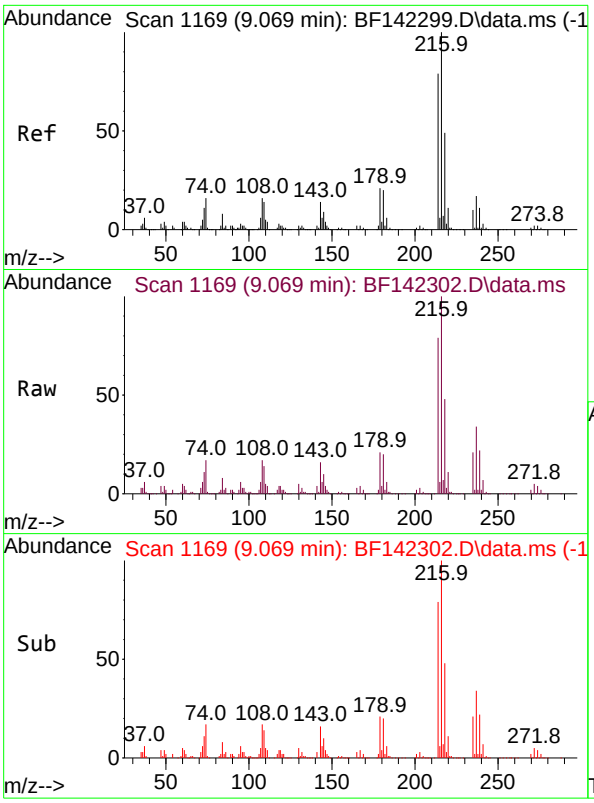


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:164 Resp: 414811

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.2	118.8
160	44.7	35.3	52.9

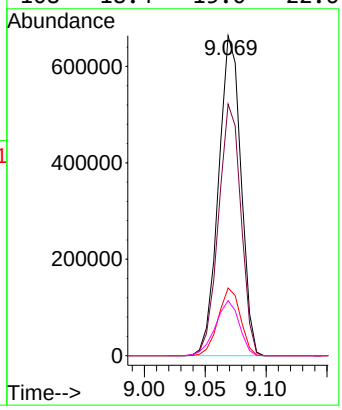




#40
1,2,4,5-Tetrachlorobenzene
Concen: 73.349 ng
RT: 9.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:216 Resp: 84977

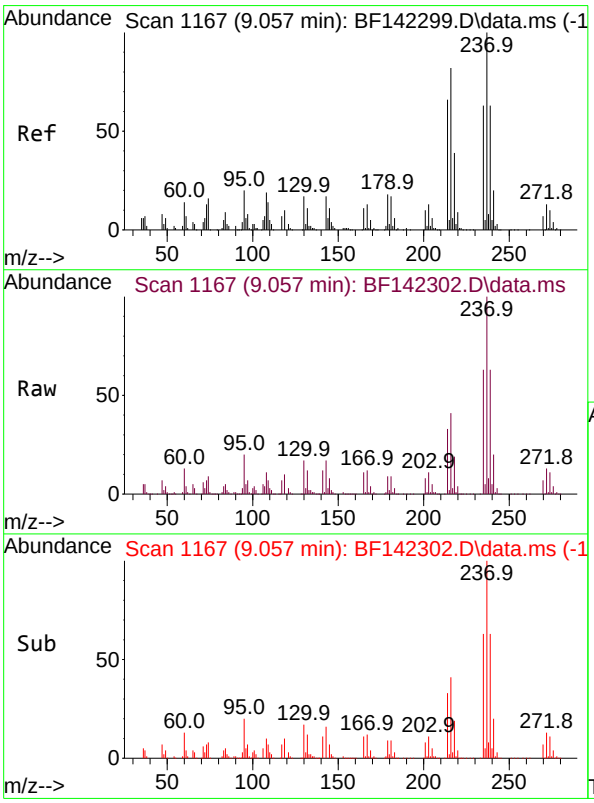
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	21.0	17.0	25.6
108	18.4	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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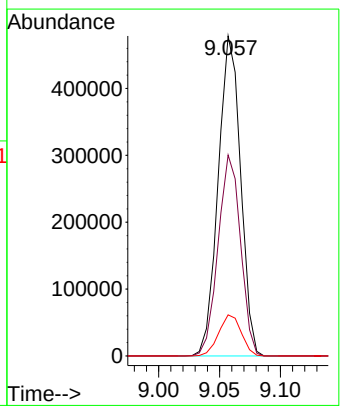
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

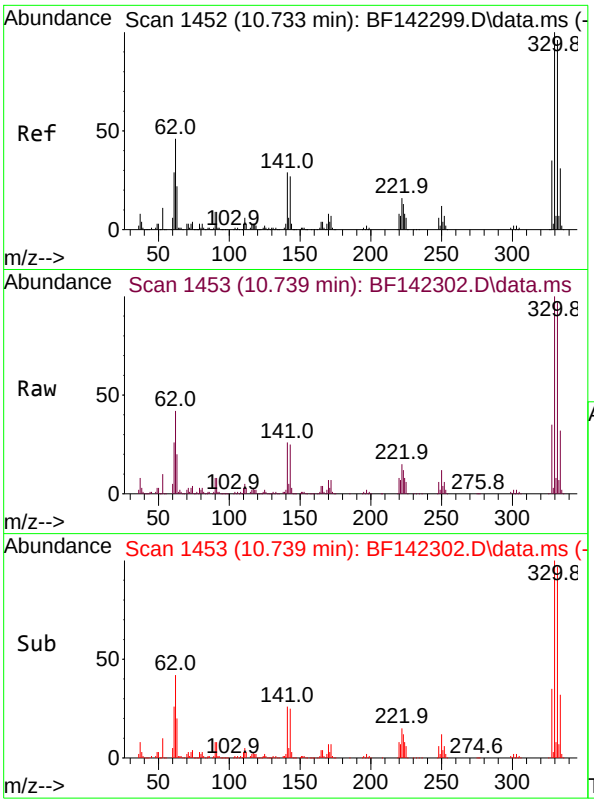


#41
Hexachlorocyclopentadiene
Concen: 85.560 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:237 Resp: 612608

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.8	82.8
272	12.8	0.0	33.0

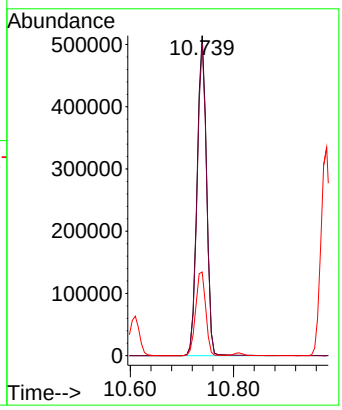




#42
2,4,6-Tribromophenol
Concen: 163.012 ng
RT: 10.739 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:330 Resp: 65285

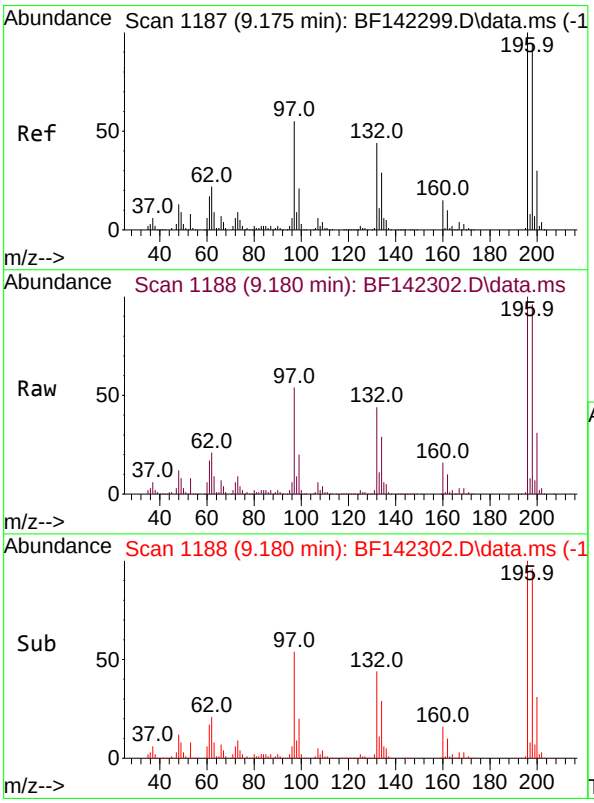
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	27.9	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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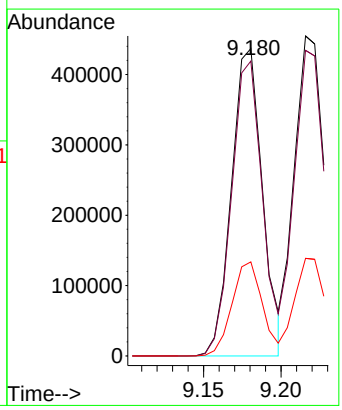
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

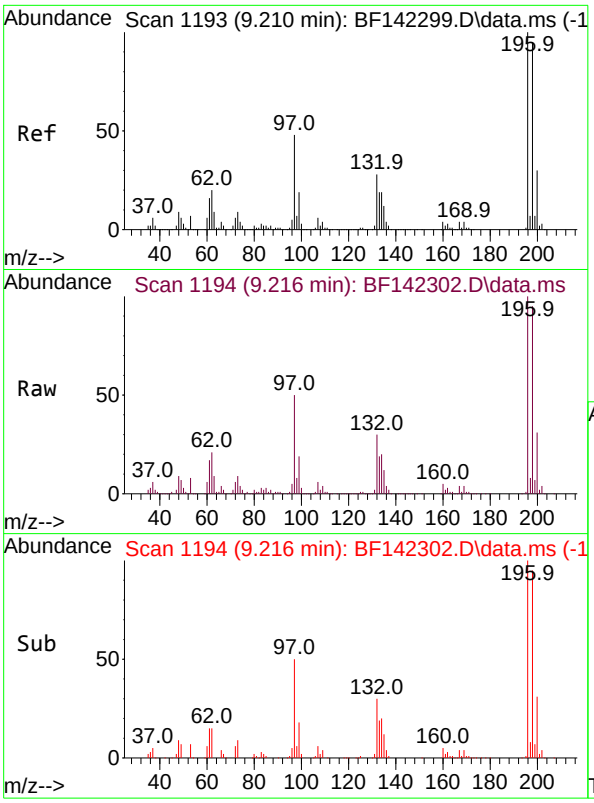


#43
2,4,6-Trichlorophenol
Concen: 82.898 ng
RT: 9.180 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:196 Resp: 605787

Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.4	113.0
200	30.6	24.3	36.5

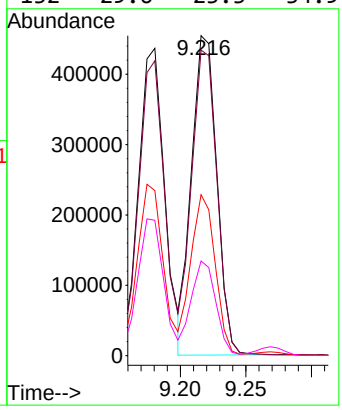




#44
2,4,5-Trichlorophenol
Concen: 78.648 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:196 Resp: 611514

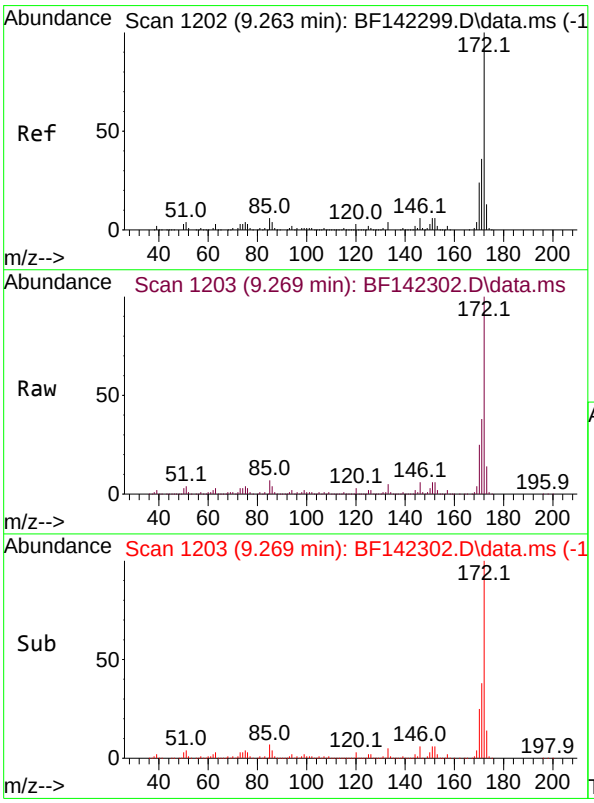
Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	50.3	39.0	58.4
132	29.6	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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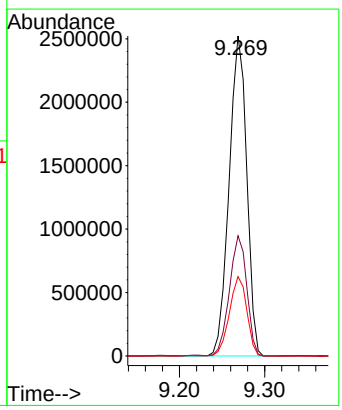
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

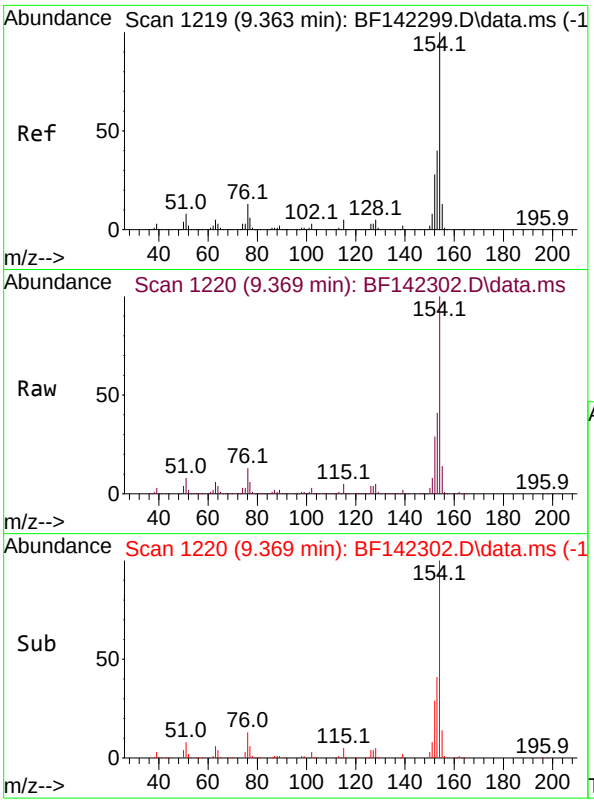


#45
2-Fluorobiphenyl
Concen: 124.337 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:172 Resp: 3617174

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.8	19.0	28.4

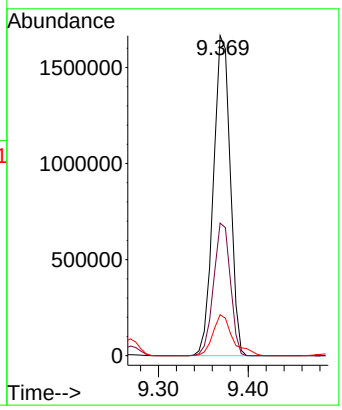




#46
1,1'-Biphenyl
Concen: 68.328 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:154 Resp: 217320

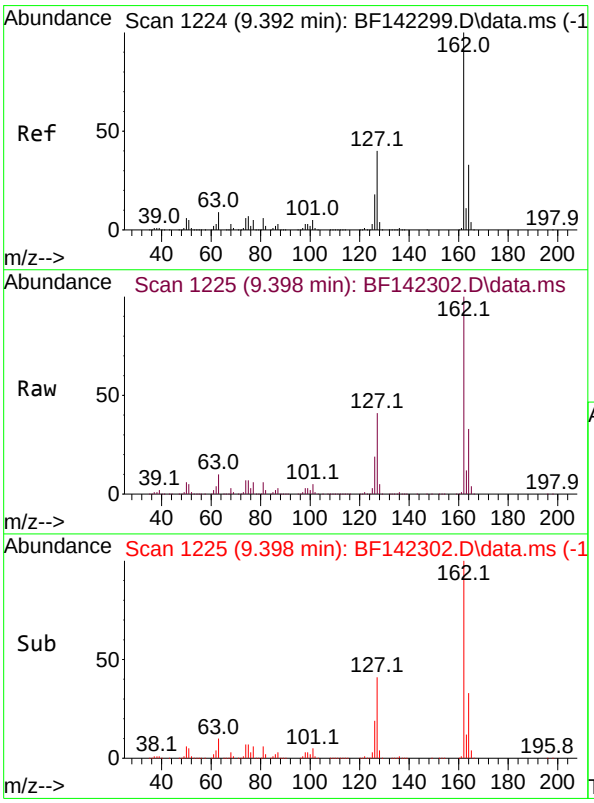
Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.5	60.5
76	12.8	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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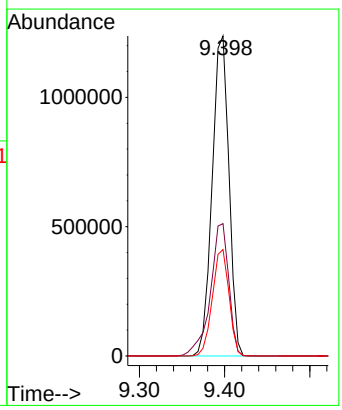
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

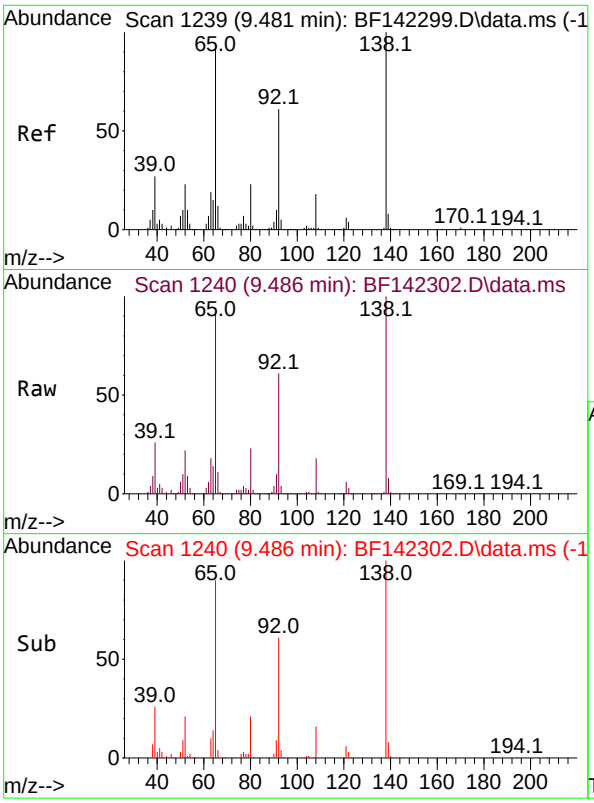


#47
2-Chloronaphthalene
Concen: 71.397 ng
RT: 9.398 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:162 Resp: 1688751

Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.3	48.5
164	33.3	26.6	40.0





#48
2-Nitroaniline
Concen: 90.354 ng
RT: 9.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

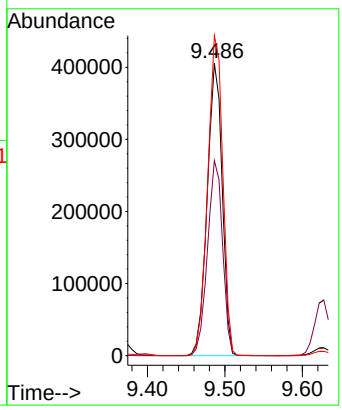
Tgt Ion: 65 Resp: 54778

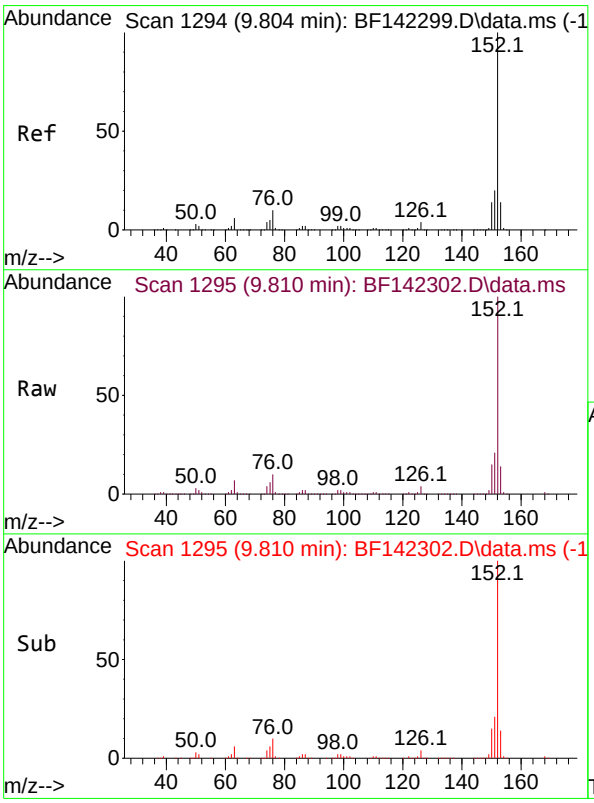
Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.3	78.5
138	109.4	85.6	128.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

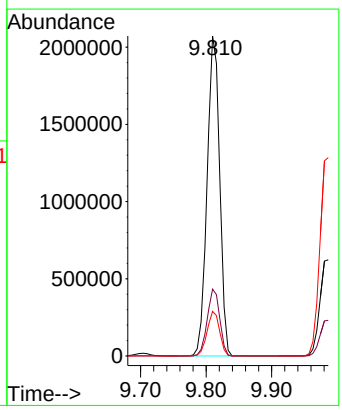


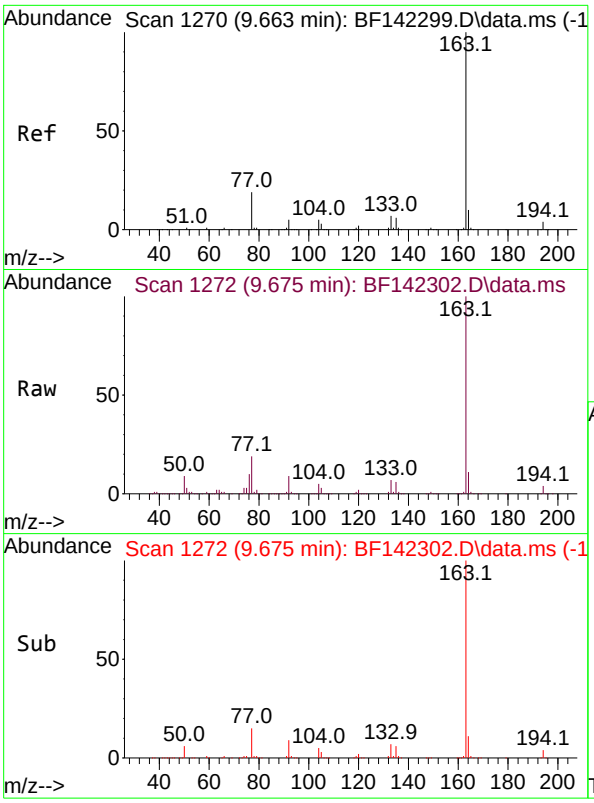


#49
Acenaphthylene
Concen: 69.830 ng
RT: 9.810 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:152 Resp: 2763028

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.0	24.0
153	14.0	10.8	16.2





#50
Dimethylphthalate
Concen: 73.901 ng
RT: 9.675 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

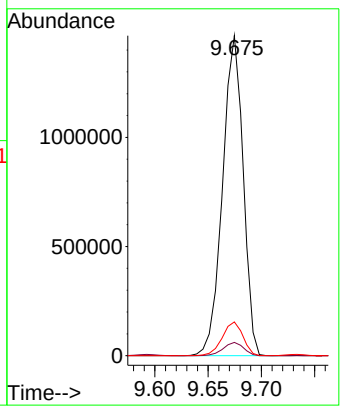
Tgt Ion:163 Resp: 196843

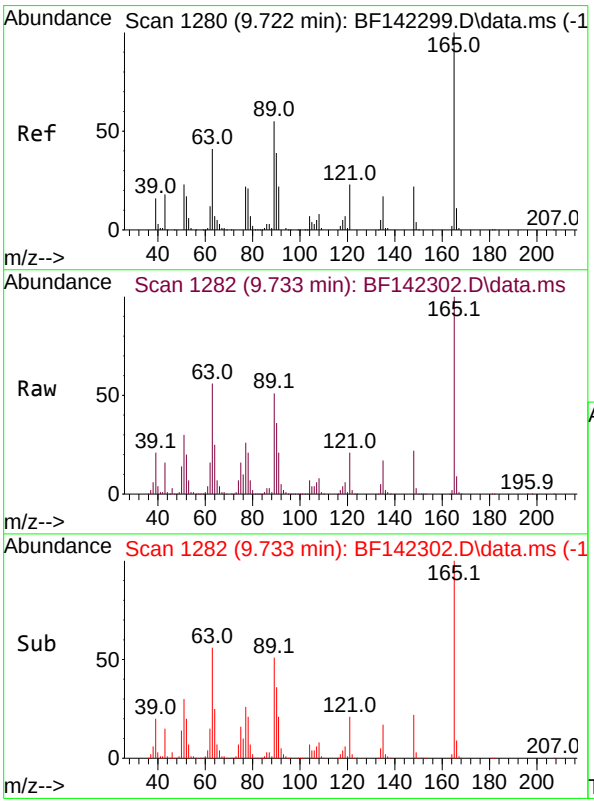
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.6	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Supervised By :Jagrut Upadhyay 05/06/2025

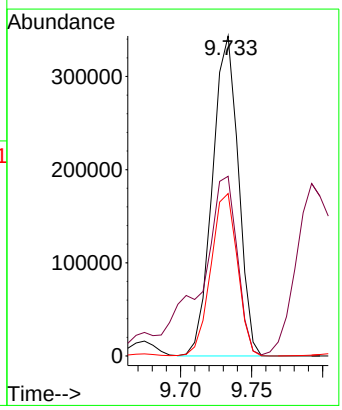


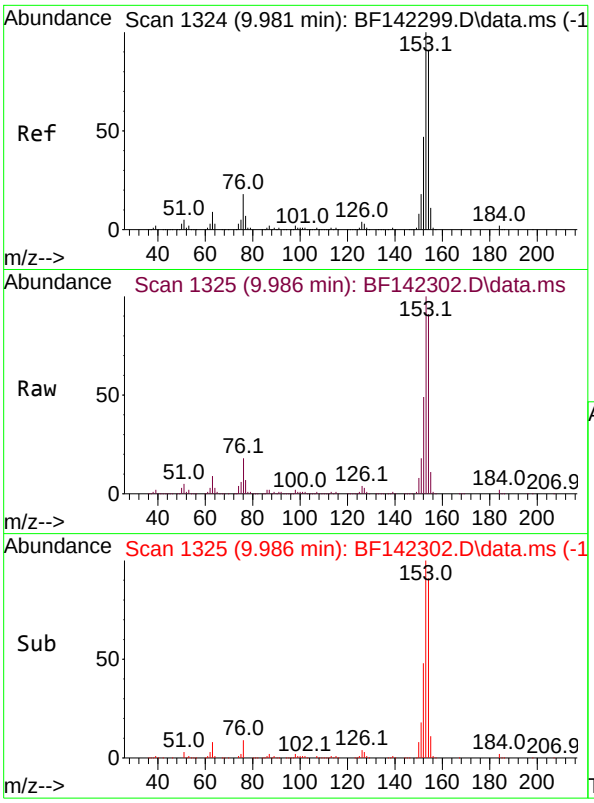


#51
2,6-Dinitrotoluene
Concen: 87.669 ng
RT: 9.733 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:165 Resp: 437098

Ion	Ratio	Lower	Upper
165	100		
63	56.2	49.5	74.3
89	50.7	44.6	66.8

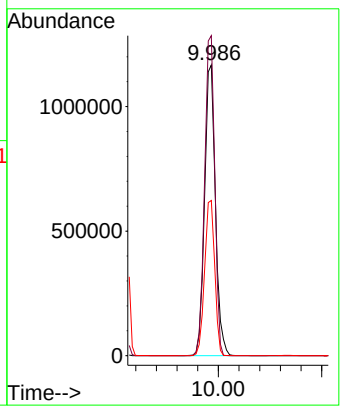




#52
Acenaphthene
Concen: 71.203 ng
RT: 9.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:154 Resp: 169402

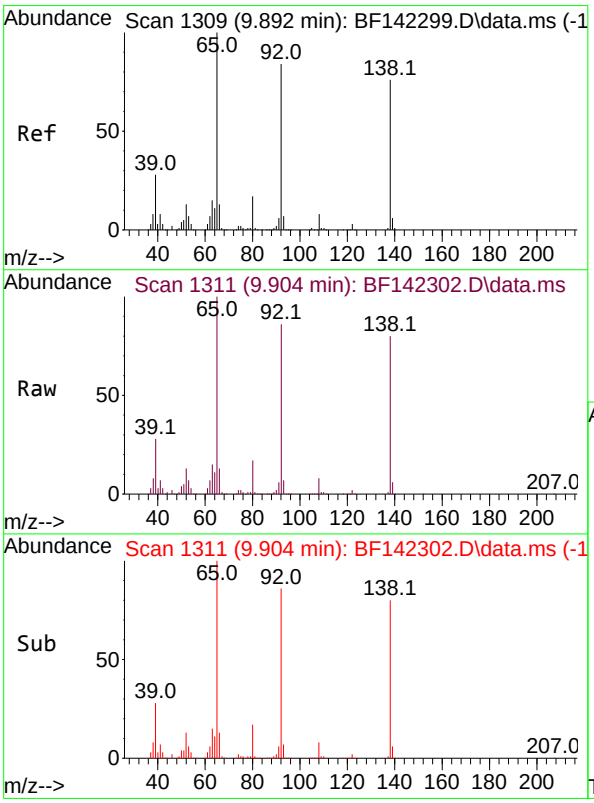
Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.0	132.0
152	53.4	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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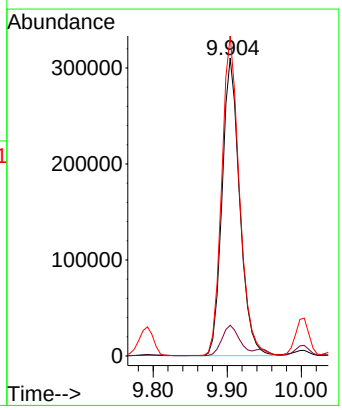
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

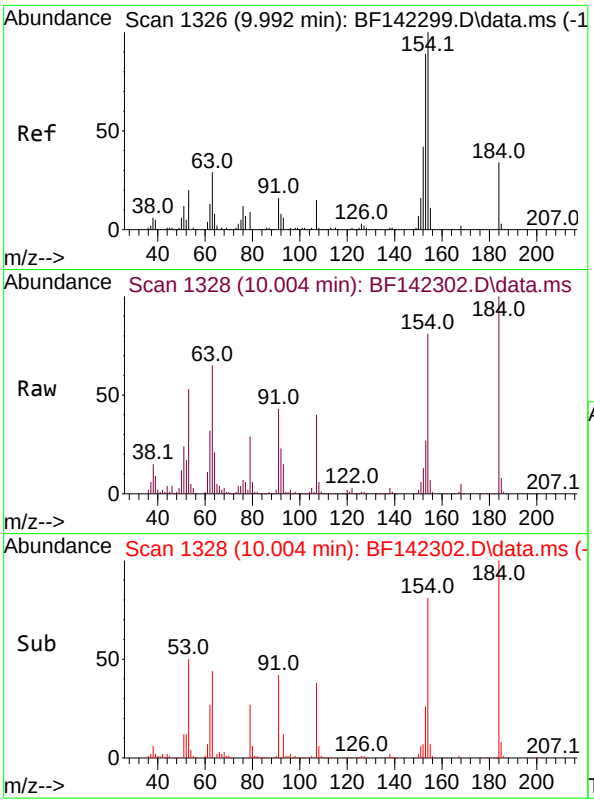


#53
3-Nitroaniline
Concen: 87.244 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:138 Resp: 510152

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	107.4	89.5	134.3

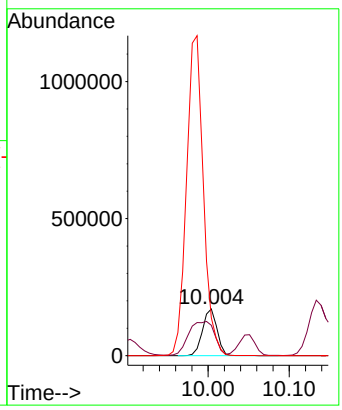




#54
2,4-Dinitrophenol
Concen: 80.686 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:184 Resp: 21065

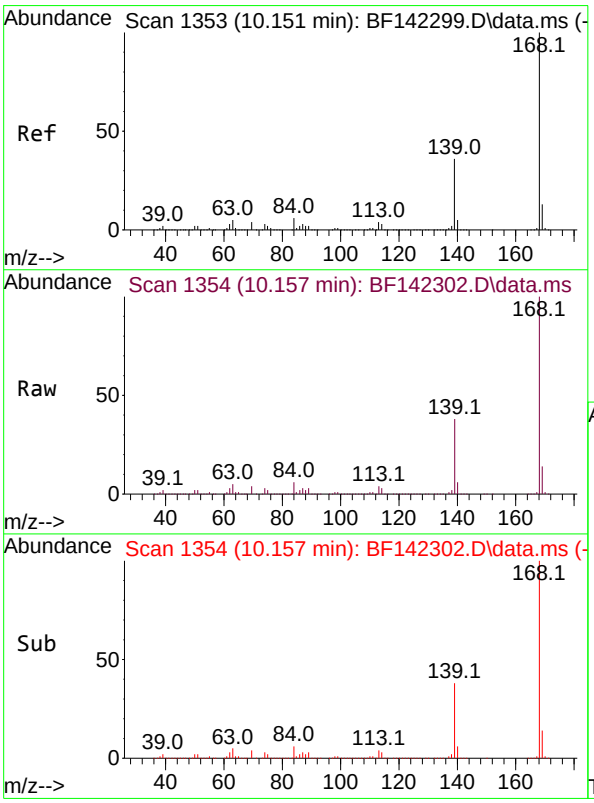
Ion	Ratio	Lower	Upper
184	100		
63	65.1	70.6	105.8#
154	81.2	257.2	385.8#



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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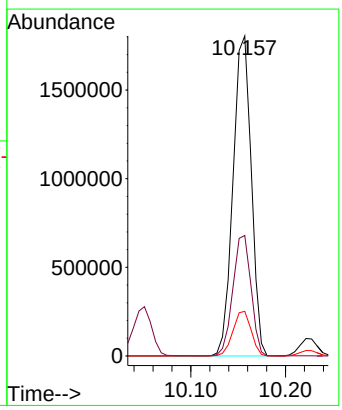
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

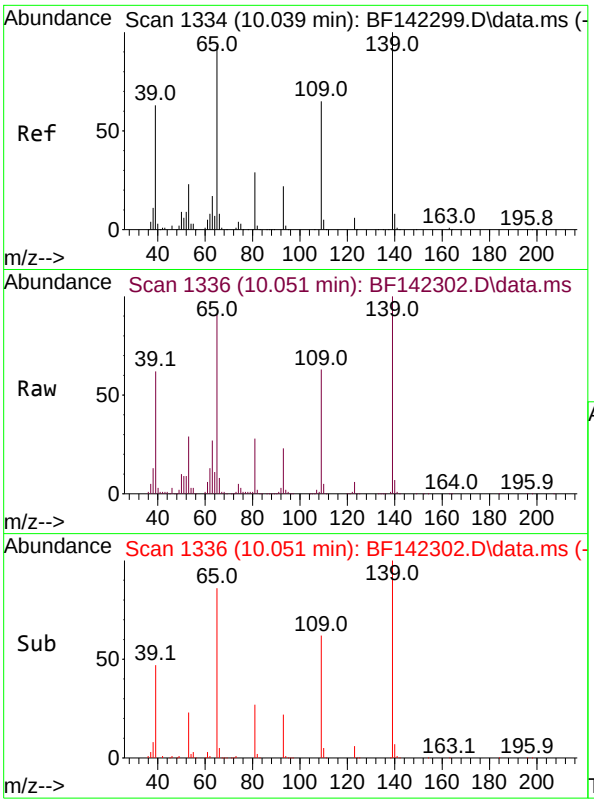


#55
Dibenzofuran
Concen: 68.642 ng
RT: 10.157 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:168 Resp: 2410169

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.0	43.4
169	13.9	10.7	16.1





#56
4-Nitrophenol
Concen: 87.250 ng
RT: 10.051 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

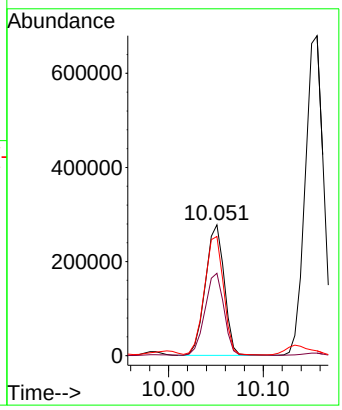
Tgt Ion:139 Resp: 38397

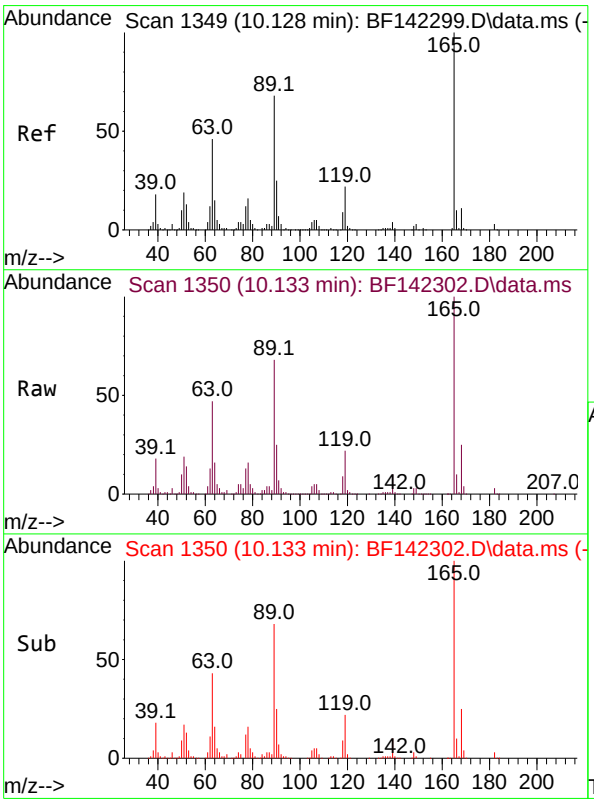
Ion	Ratio	Lower	Upper
139	100		
109	62.9	45.3	85.3
65	91.1	73.9	113.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

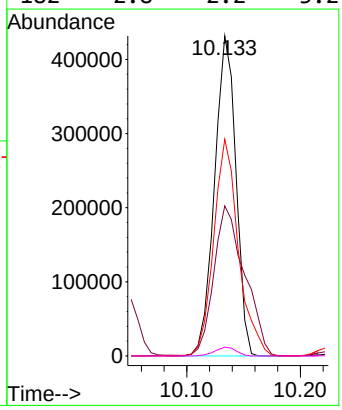


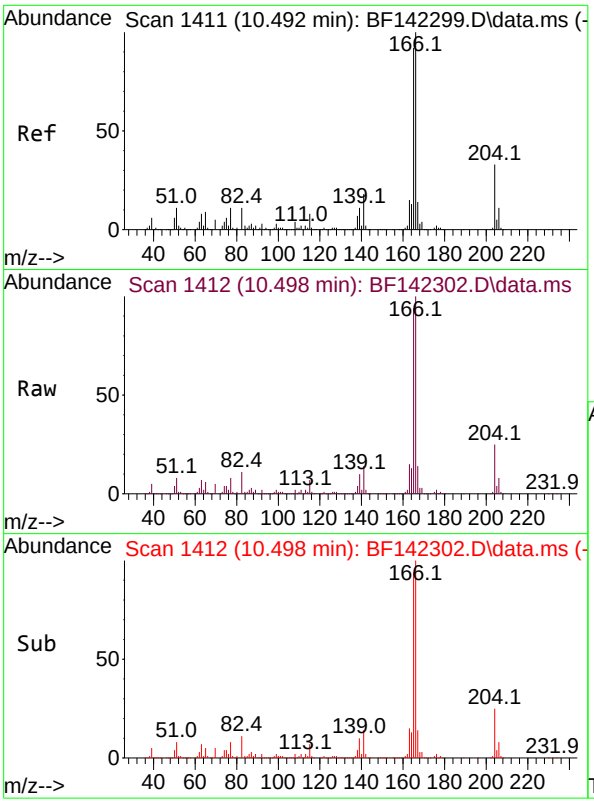


#57
2,4-Dinitrotoluene
Concen: 88.591 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:165 Resp: 566575

Ion	Ratio	Lower	Upper
165	100		
63	46.9	37.1	55.7
89	67.7	54.4	81.6
182	2.8	2.2	3.2

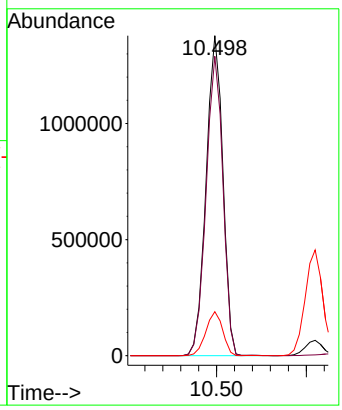




#58
Fluorene
Concen: 66.896 ng
RT: 10.498 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:166 Resp: 179254

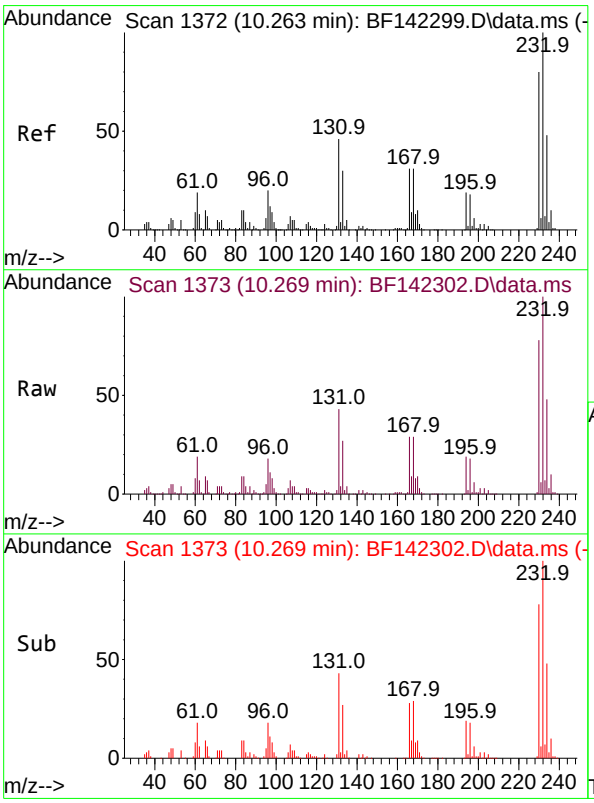
Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.0	111.0
167	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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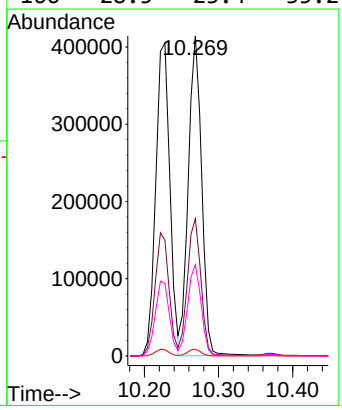
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

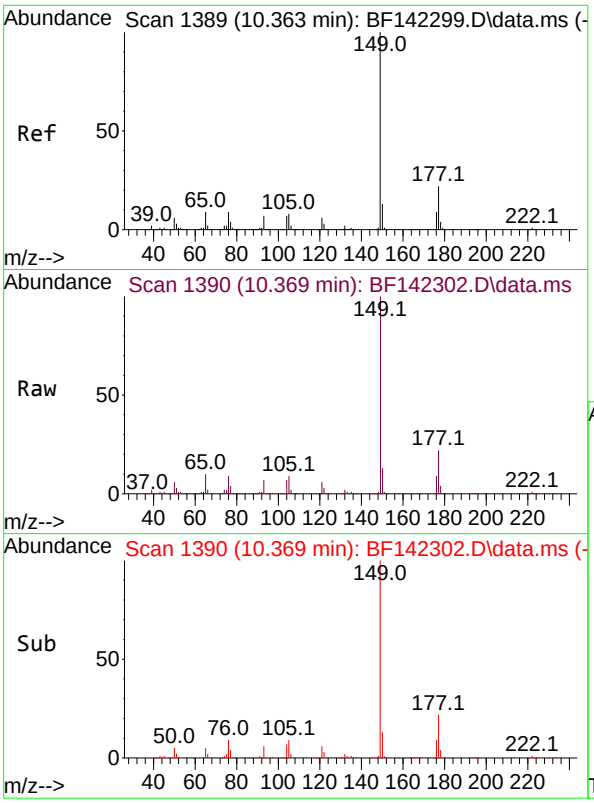


#59
2,3,4,6-Tetrachlorophenol
Concen: 81.113 ng
RT: 10.269 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:232 Resp: 520638

Ion	Ratio	Lower	Upper
232	100		
131	43.0	36.0	54.0
130	2.1	1.8	2.6
166	28.5	23.4	35.2

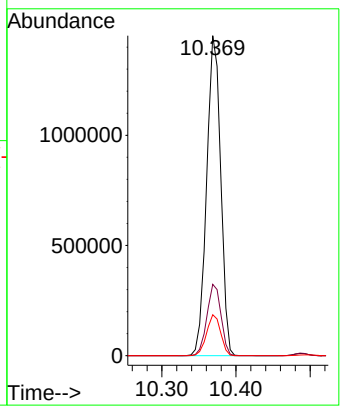




#60
Diethylphthalate
Concen: 71.766 ng
RT: 10.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 190901

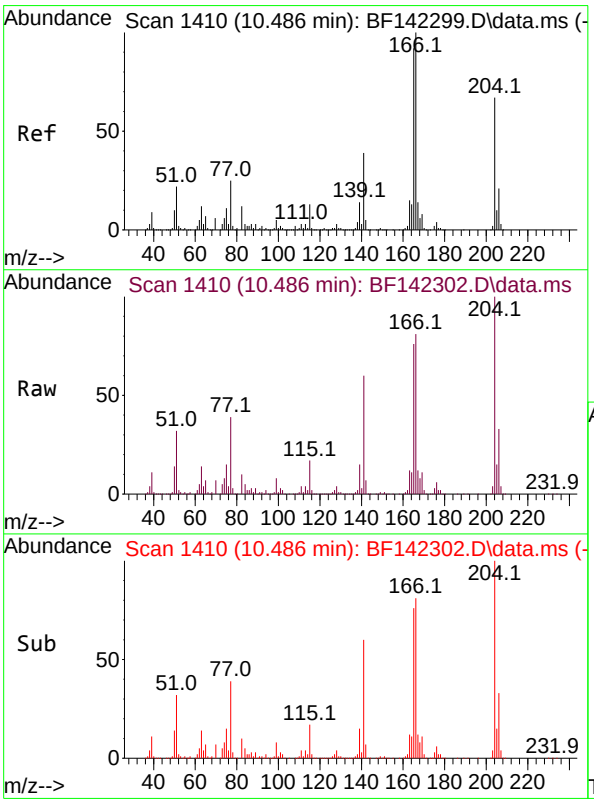
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.8	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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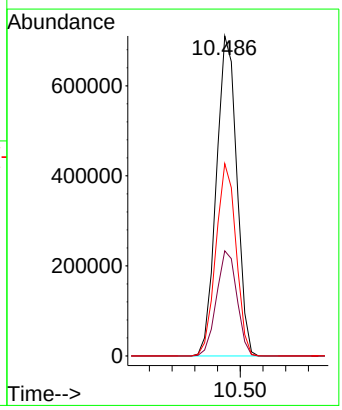
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

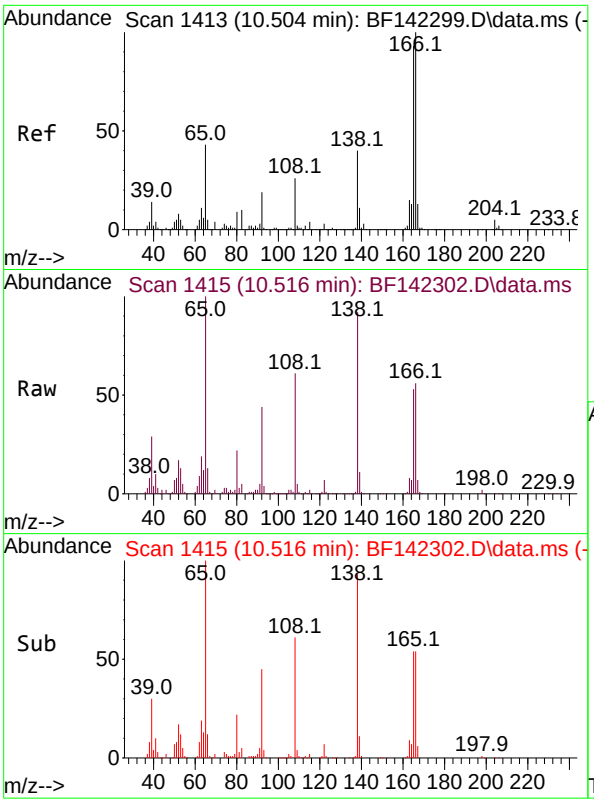


#61
4-Chlorophenyl-phenylether
Concen: 68.707 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:204 Resp: 888242

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.5	38.3
141	60.1	46.4	69.6





#62
4-Nitroaniline
Concen: 69.894 ng
RT: 10.516 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

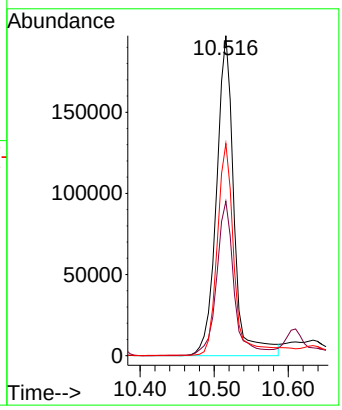
Tgt Ion:138 Resp: 32392

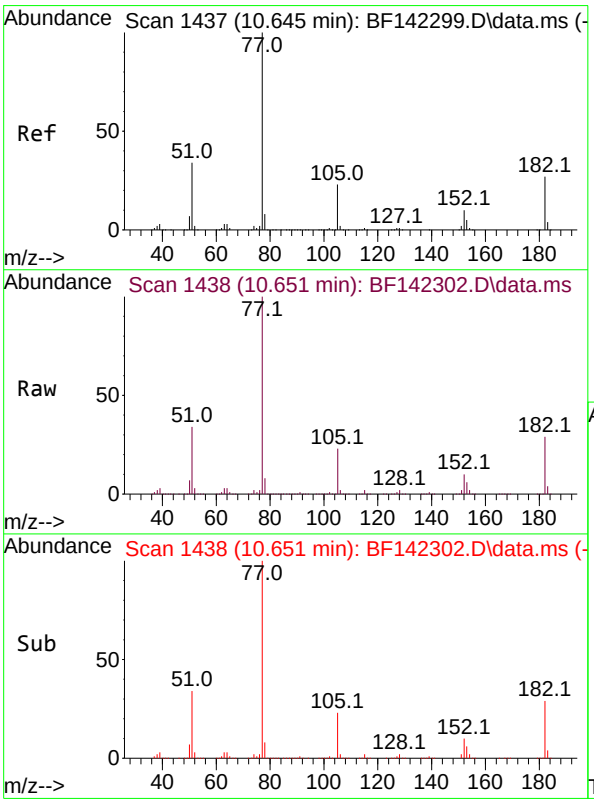
Ion	Ratio	Lower	Upper
138	100		
92	48.3	27.3	67.3
108	66.3	45.1	85.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

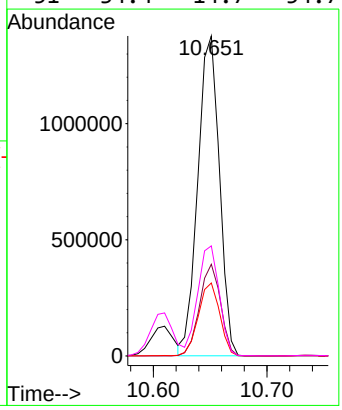


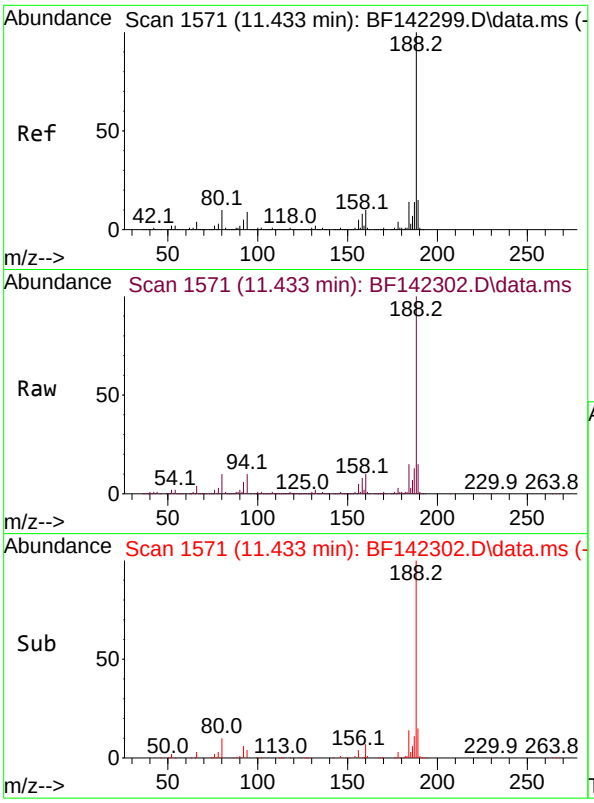


#63
Azobenzene
Concen: 71.660 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 77 Resp: 1821504

Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.9	46.9
105	22.8	2.7	42.7
51	34.4	14.7	54.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

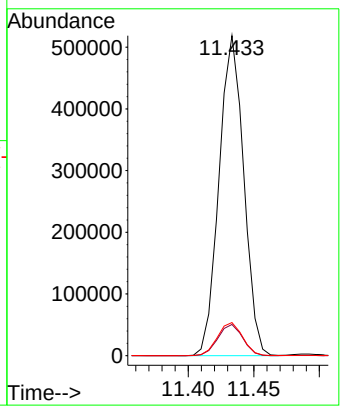
Tgt Ion:188 Resp: 67924

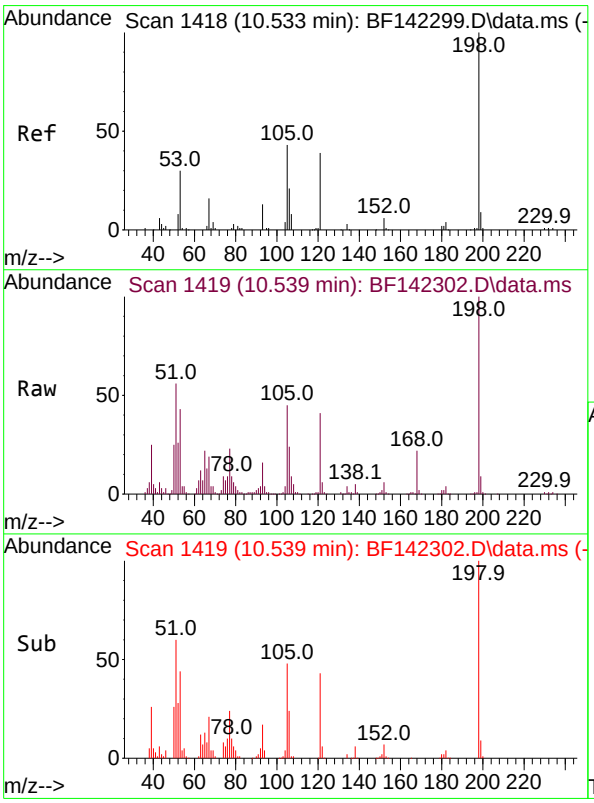
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.3	7.9	11.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

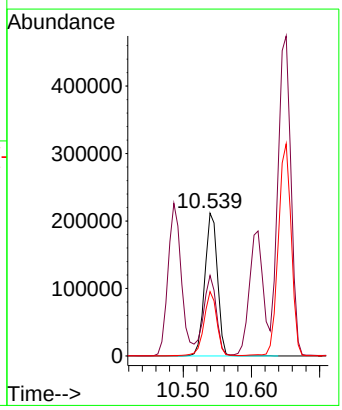


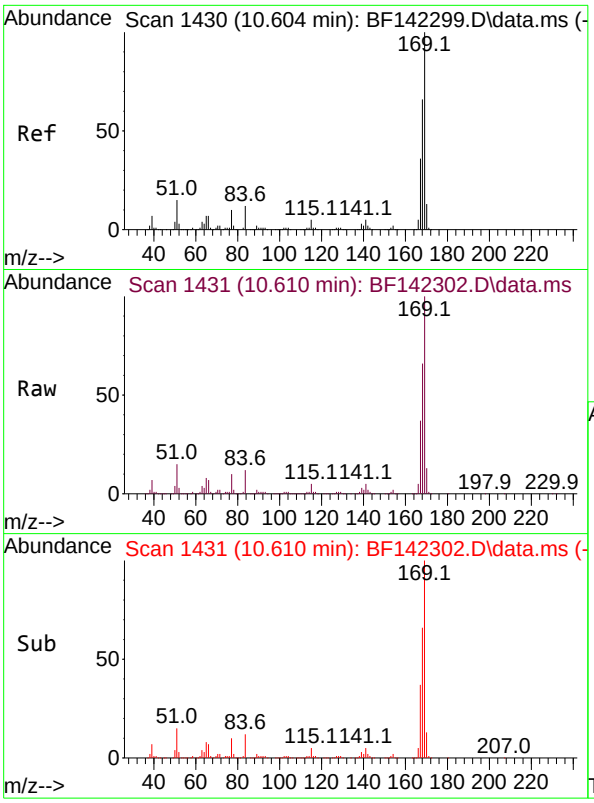


#65
4,6-Dinitro-2-methylphenol
Concen: 80.746 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:198 Resp: 273917

Ion	Ratio	Lower	Upper
198	100		
51	56.4	32.9	72.9
105	45.1	23.7	63.7

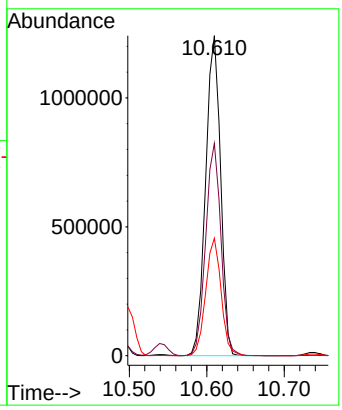




#66
n-Nitrosodiphenylamine
Concen: 73.372 ng
RT: 10.610 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:169 Resp: 165839

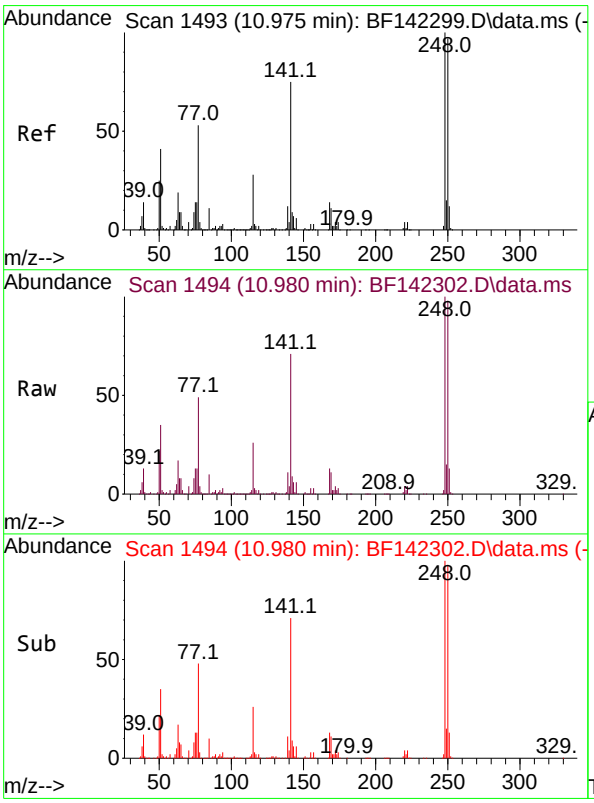
Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.7	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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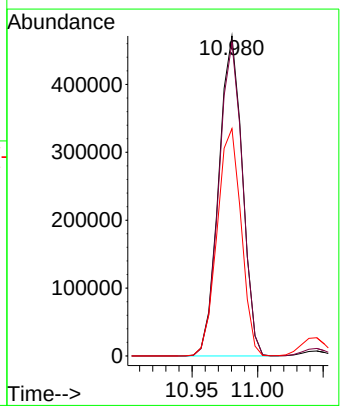
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

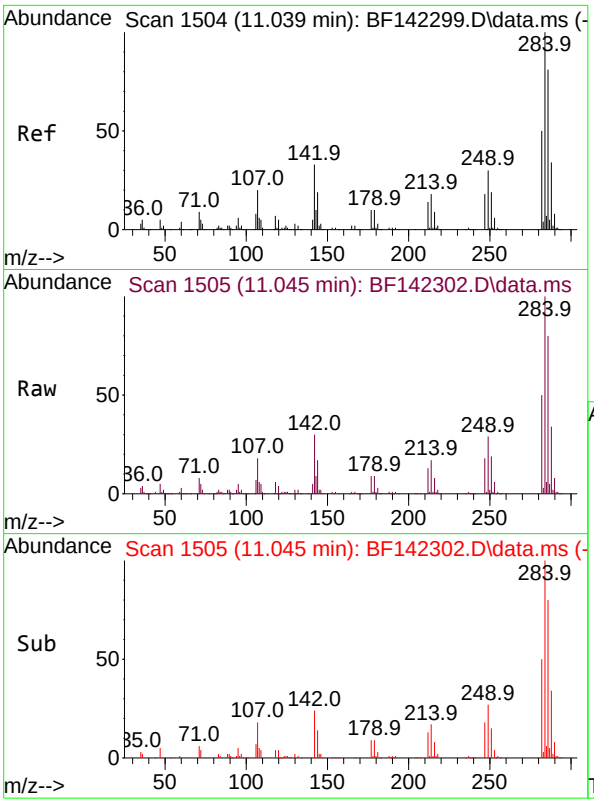


#67
4-Bromophenyl-phenylether
Concen: 76.716 ng
RT: 10.980 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:248 Resp: 590568

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.9	116.9
141	71.0	59.8	89.8

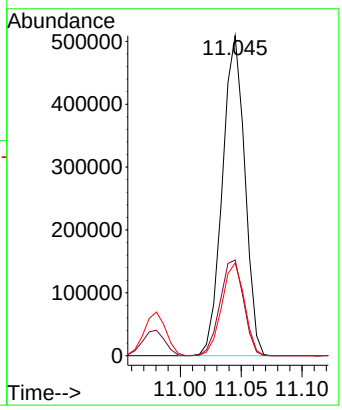




#68
Hexachlorobenzene
Concen: 76.857 ng
RT: 11.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:284 Resp: 65080

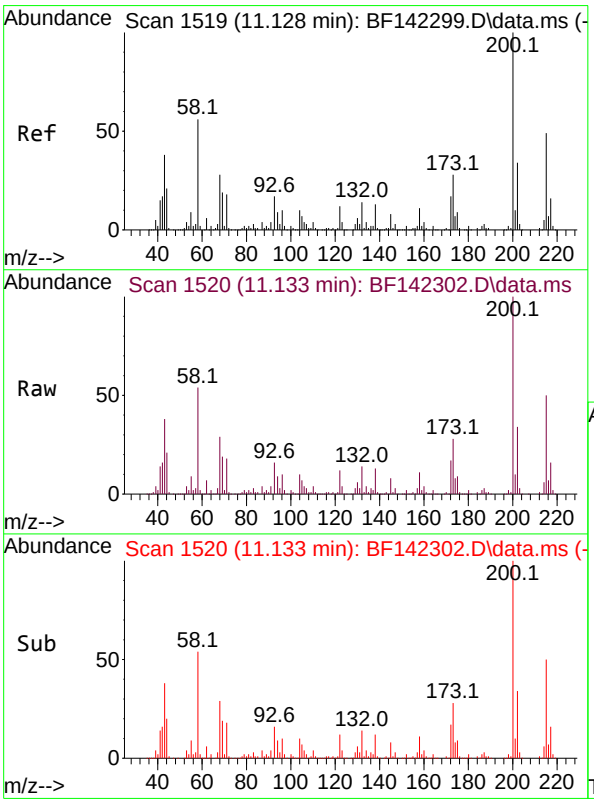
Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.6	39.8
249	29.0	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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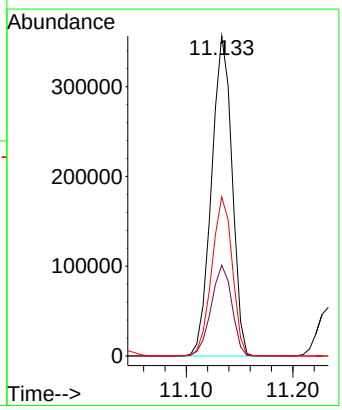
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

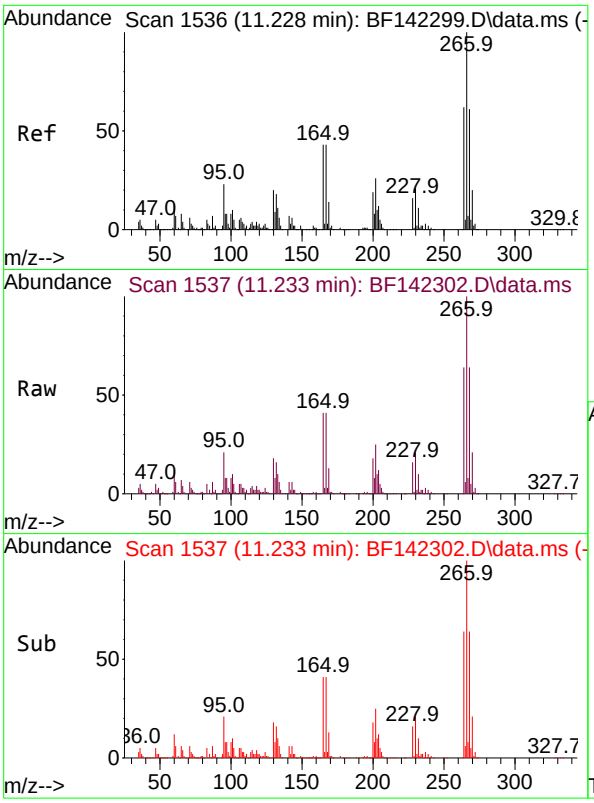


#69
Atrazine
Concen: 79.910 ng
RT: 11.133 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:200 Resp: 476112

Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.1	48.1
215	49.7	28.8	68.8

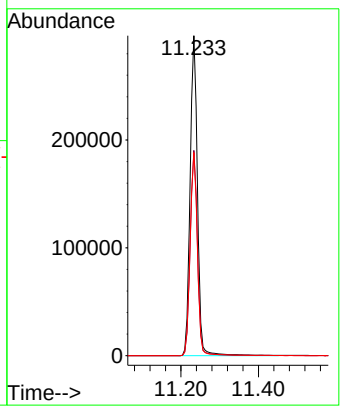




#70
Pentachlorophenol
Concen: 87.666 ng
RT: 11.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:266 Resp: 39051

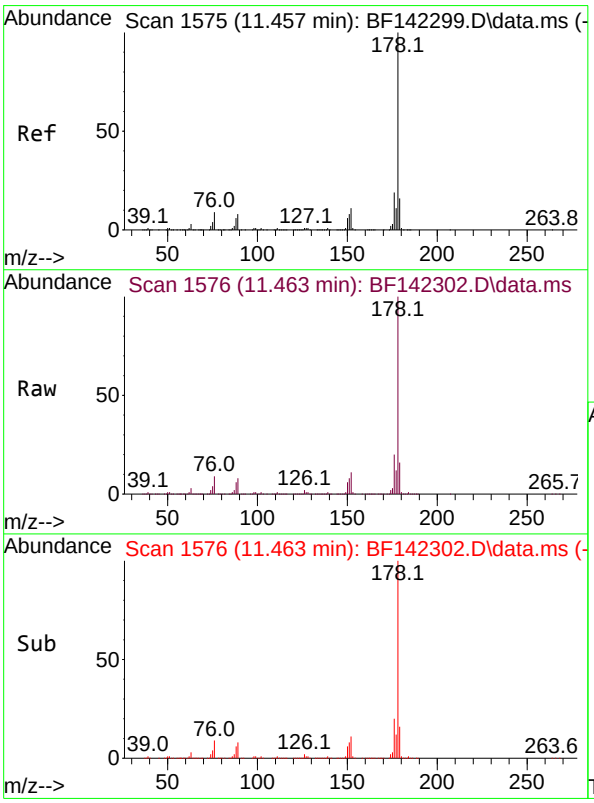
Ion	Ratio	Lower	Upper
266	100		
268	64.2	48.7	73.1
264	63.5	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

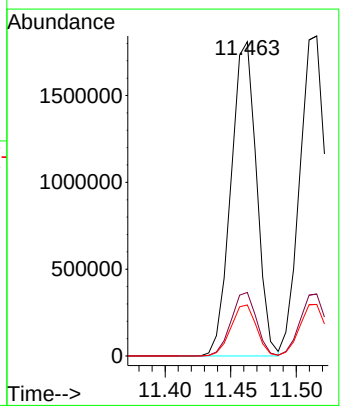
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

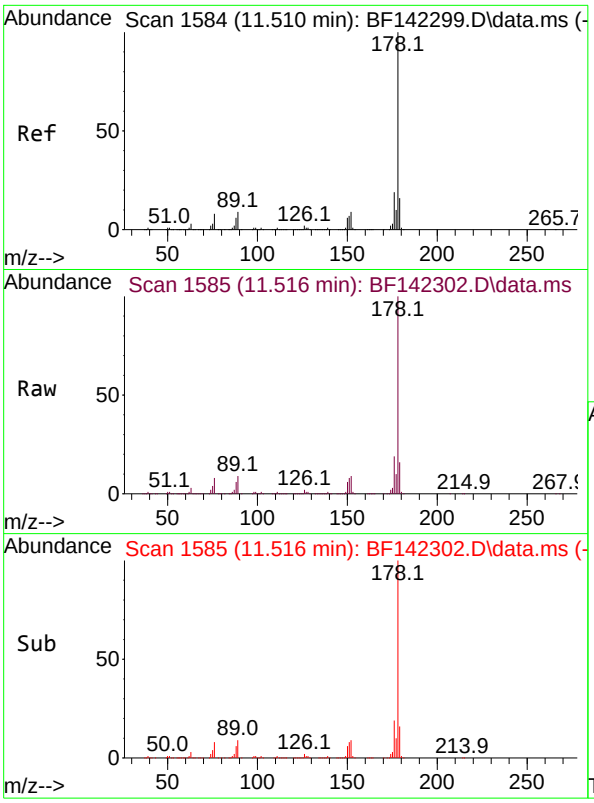


#71
Phenanthrene
Concen: 69.101 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:178 Resp: 2460275

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	16.2	12.6	18.8

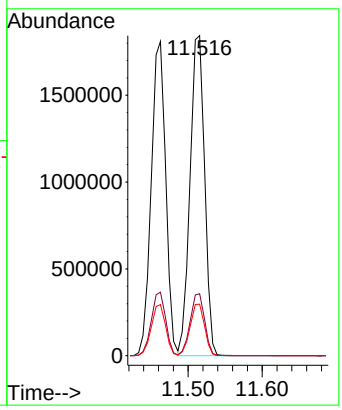




#72
Anthracene
Concen: 68.834 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:178 Resp: 251816

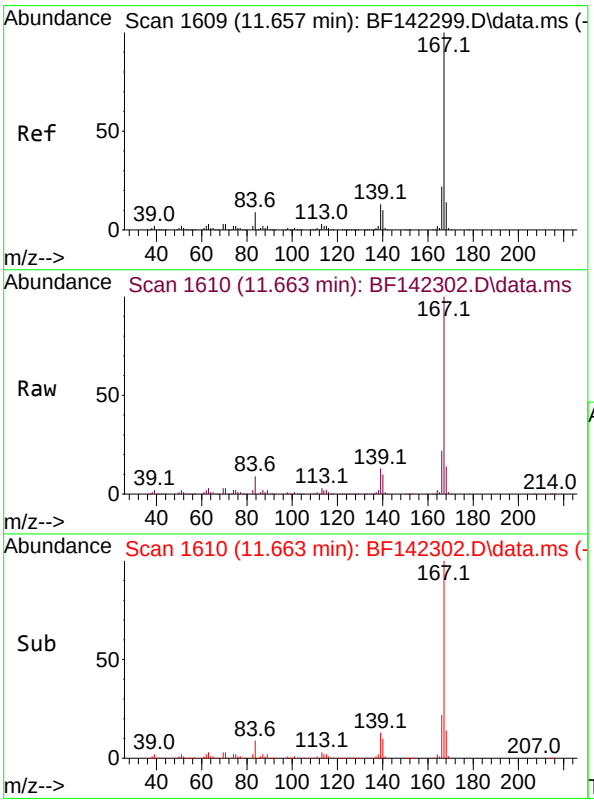
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.1	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

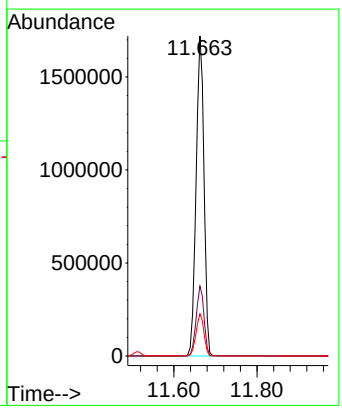
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

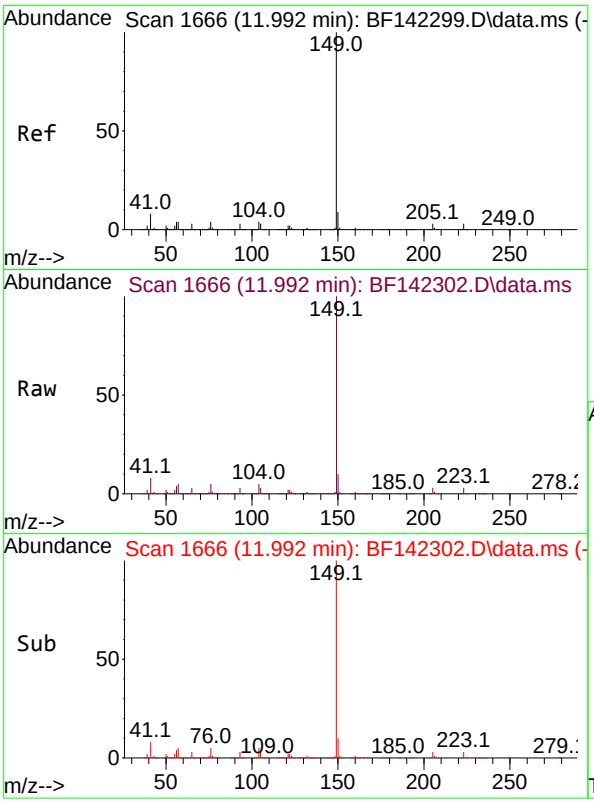


#73
Carbazole
Concen: 69.290 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:167 Resp: 2274167

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.2	10.3	15.5

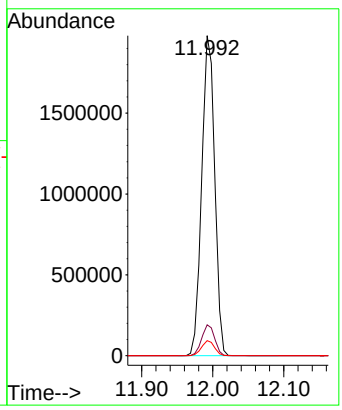




#74
Di-n-butylphthalate
Concen: 73.060 ng
RT: 11.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 252148

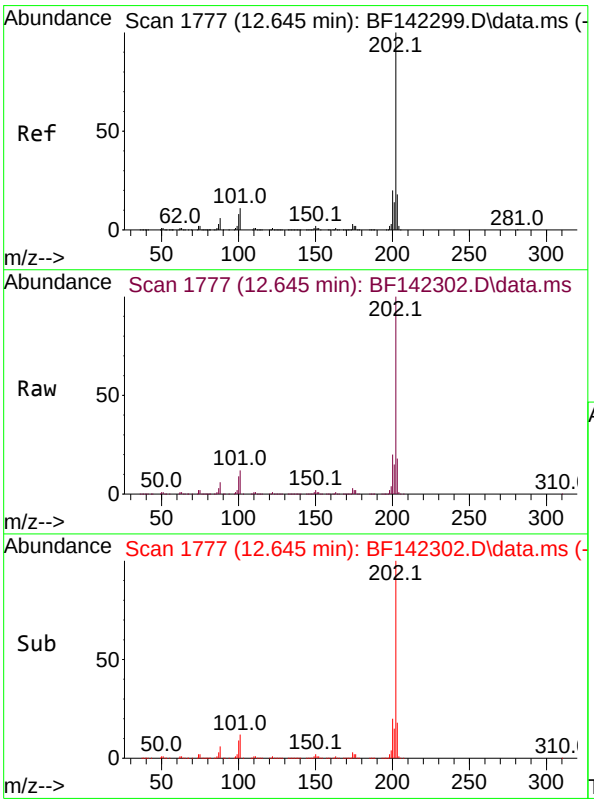
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	4.7	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

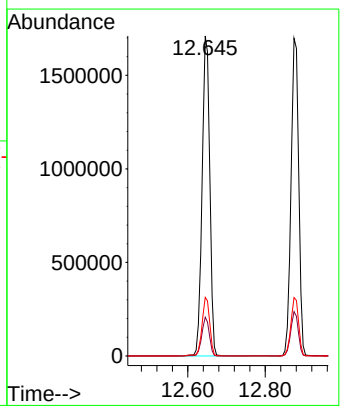
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

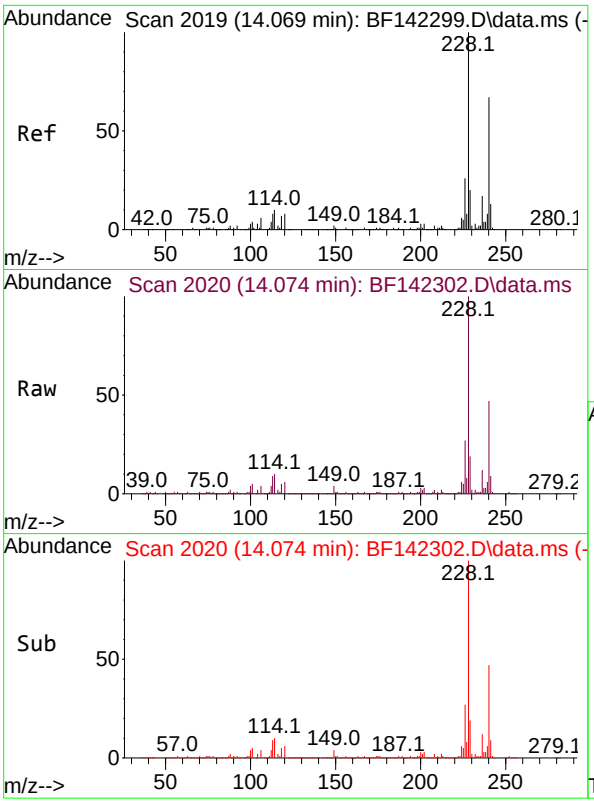


#75
Fluoranthene
Concen: 65.892 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:202 Resp: 2345160

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.4
203	18.3	0.0	37.9

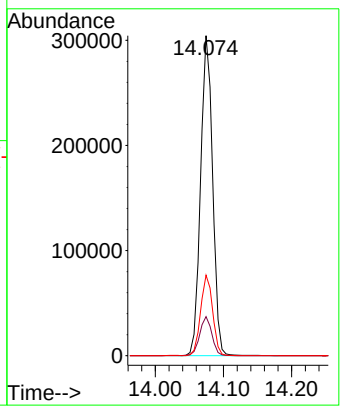




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:240 Resp: 37392

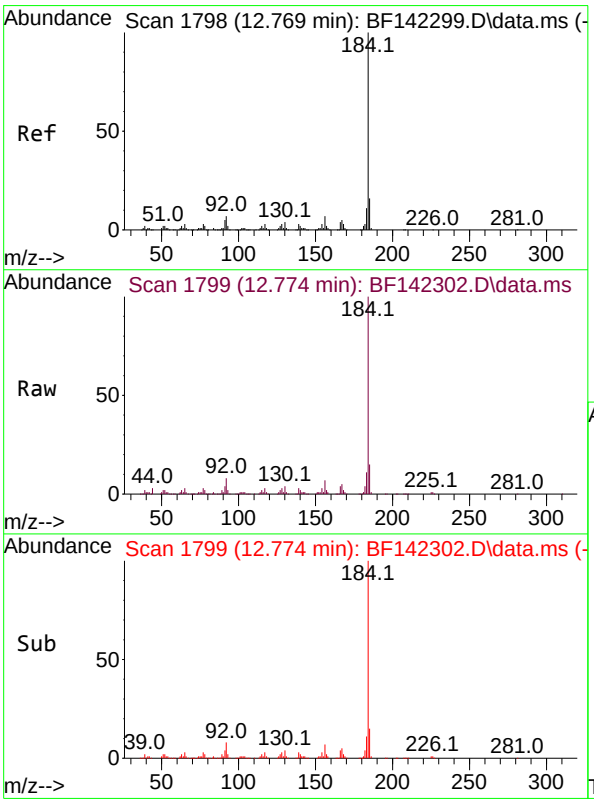
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.7	14.5
236	25.2	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

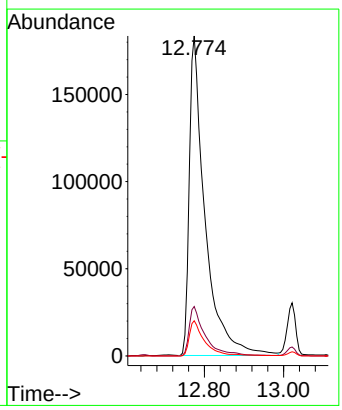
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

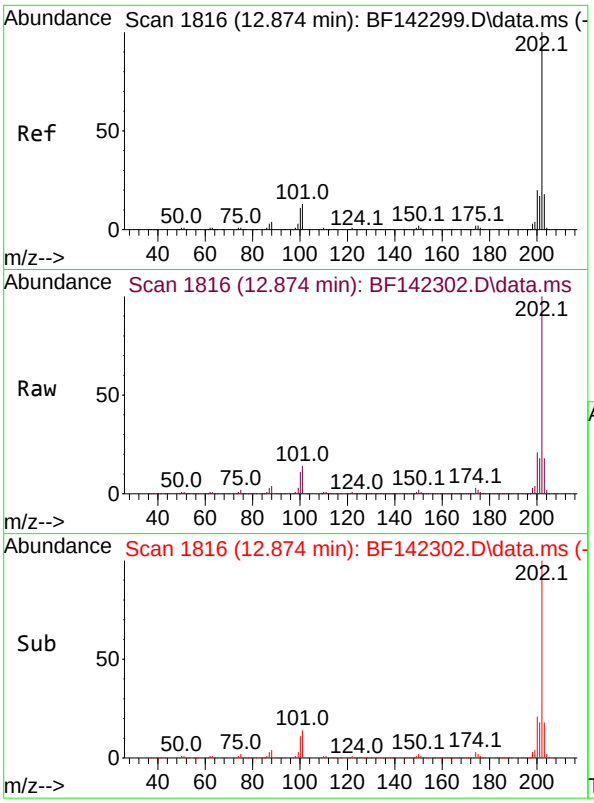


#77
Benzidine
Concen: 74.263 ng
RT: 12.774 min Scan# 1799
Delta R.T. 0.005 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:184 Resp: 504643

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	11.0	8.6	12.8

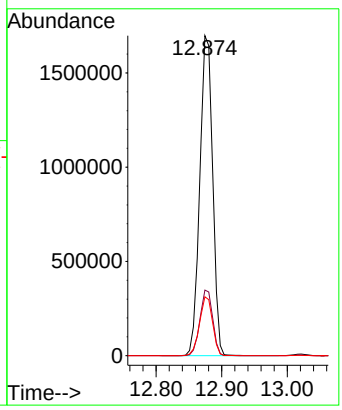




#78
Pyrene
Concen: 69.874 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:202 Resp: 232563

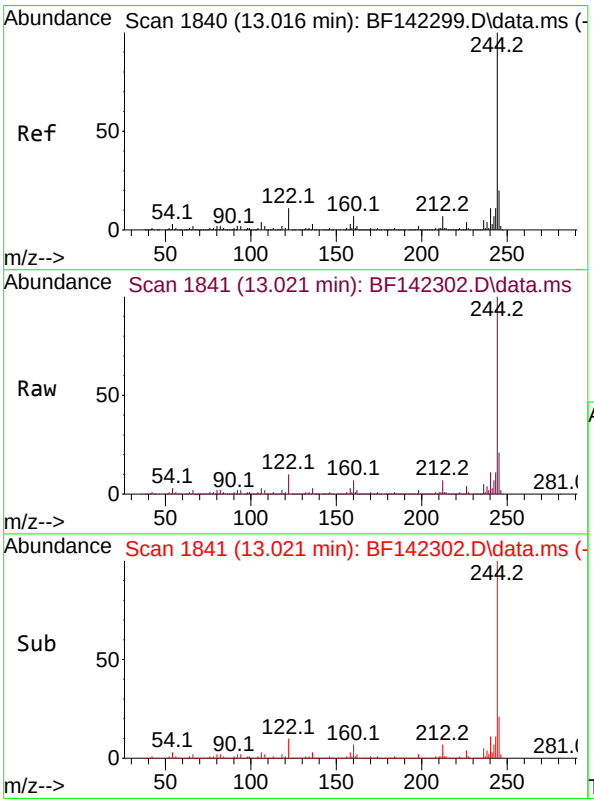
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	18.4	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

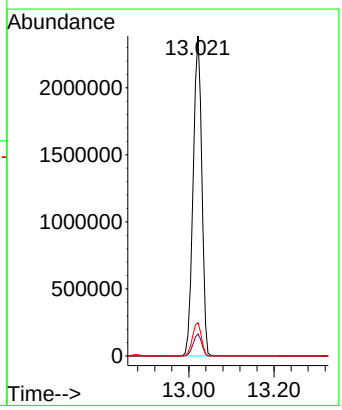
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

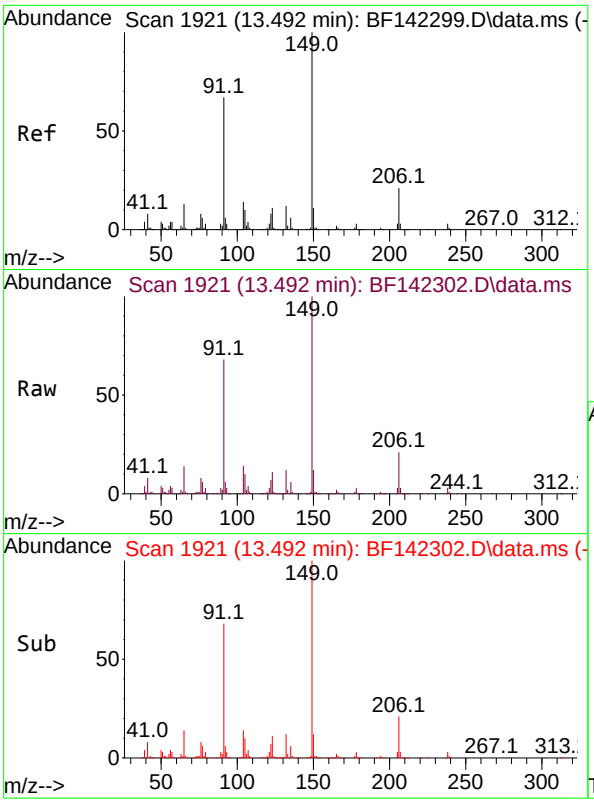


#79
Terphenyl-d14
Concen: 133.004 ng
RT: 13.021 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:244 Resp: 3360156

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.4	9.0	13.4

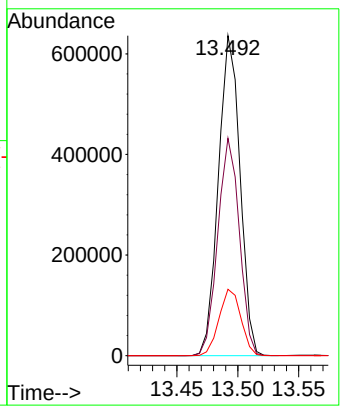




#80
Butylbenzylphthalate
Concen: 78.621 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 78821

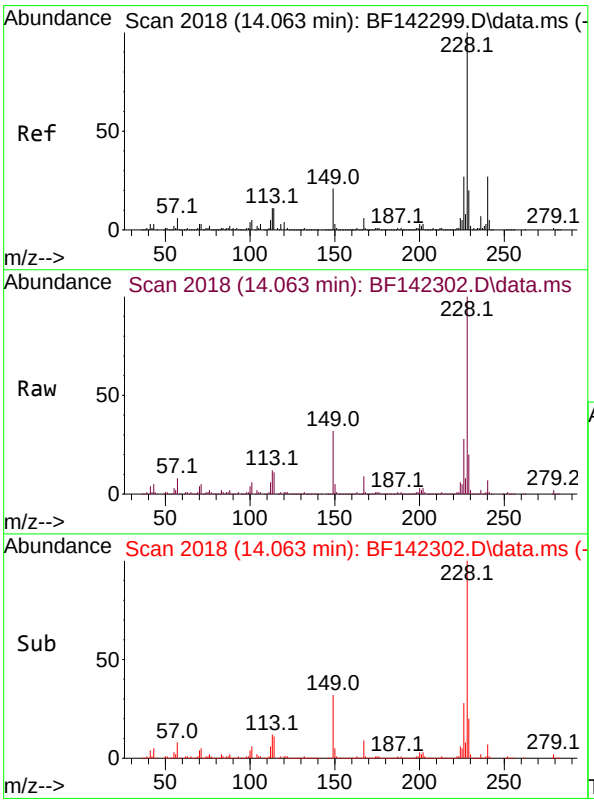
Ion	Ratio	Lower	Upper
149	100		
91	67.9	53.8	80.6
206	20.8	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

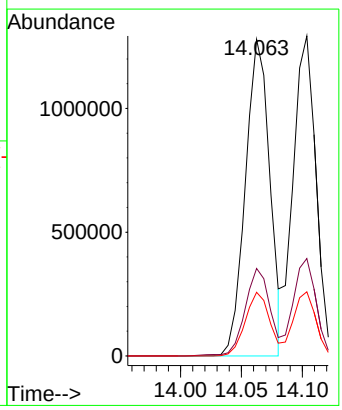
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

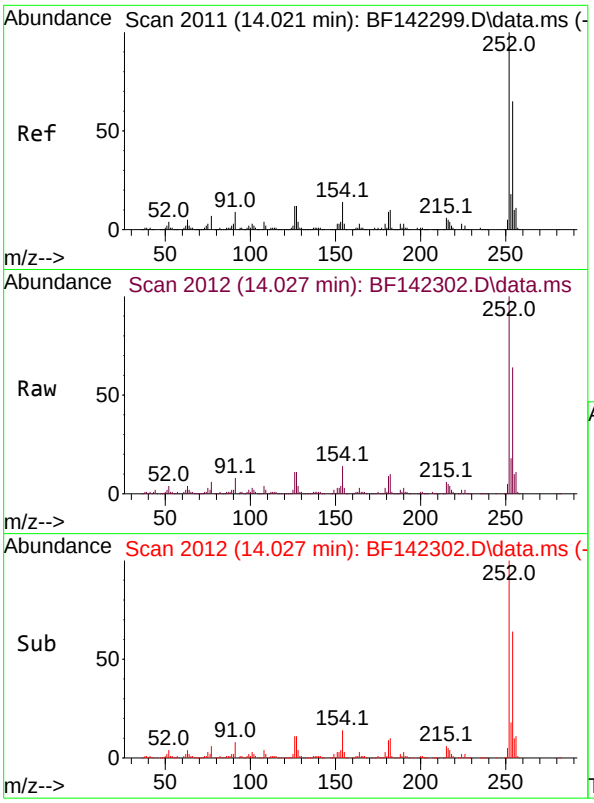


#81
Benzo(a)anthracene
Concen: 73.621 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:228 Resp: 1782801

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.5	32.3
229	20.1	15.9	23.9

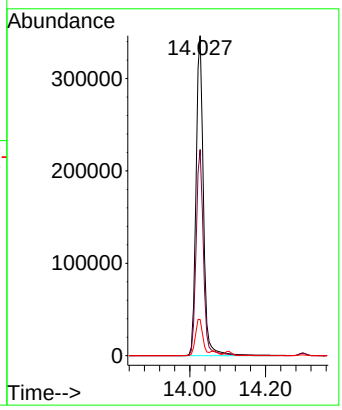




#82
3,3'-Dichlorobenzidine
Concen: 84.217 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 47426

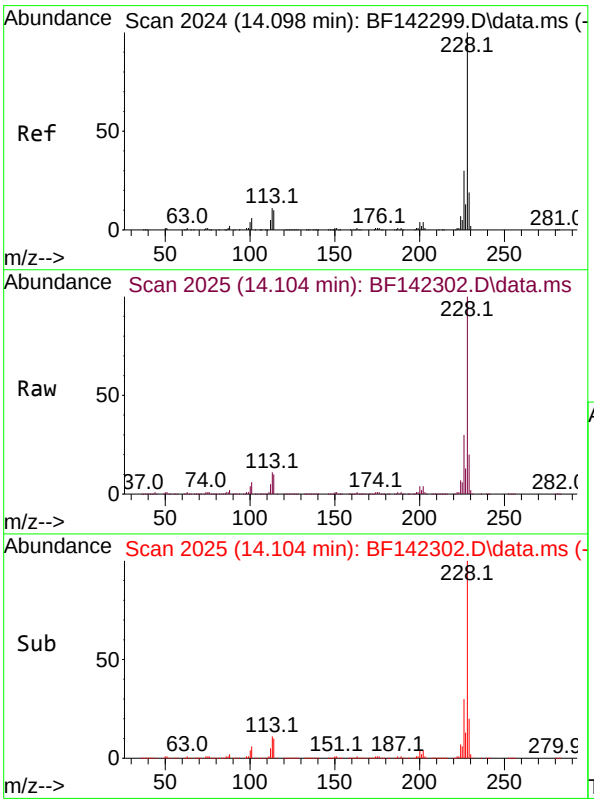
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	11.3	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

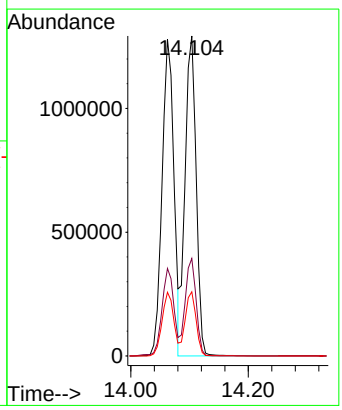
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

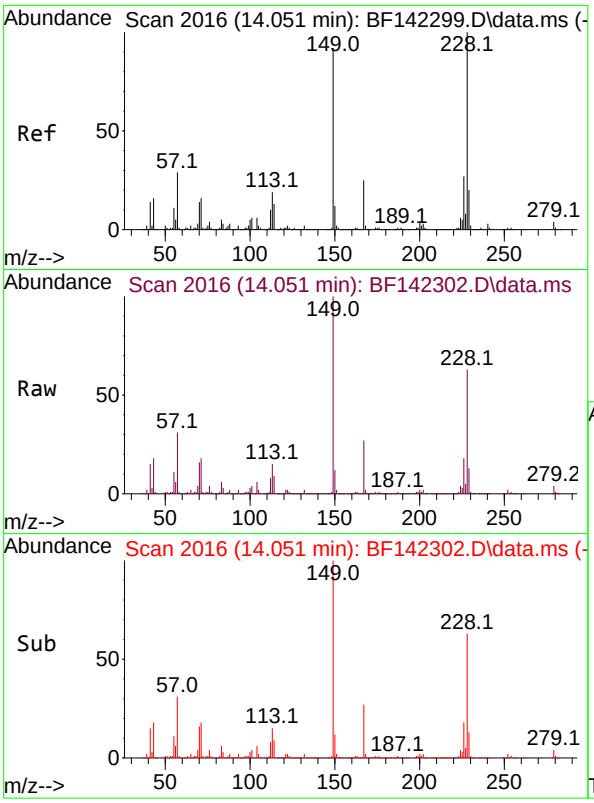


#83
Chrysene
Concen: 74.873 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:228 Resp: 1687889

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.0	15.4	23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.404 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

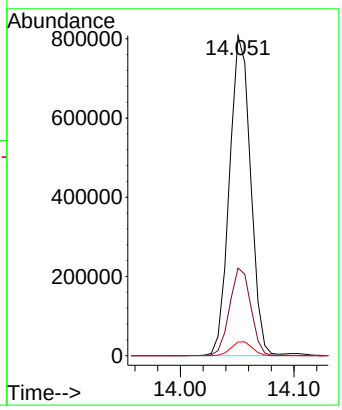
Tgt Ion:149 Resp: 104284

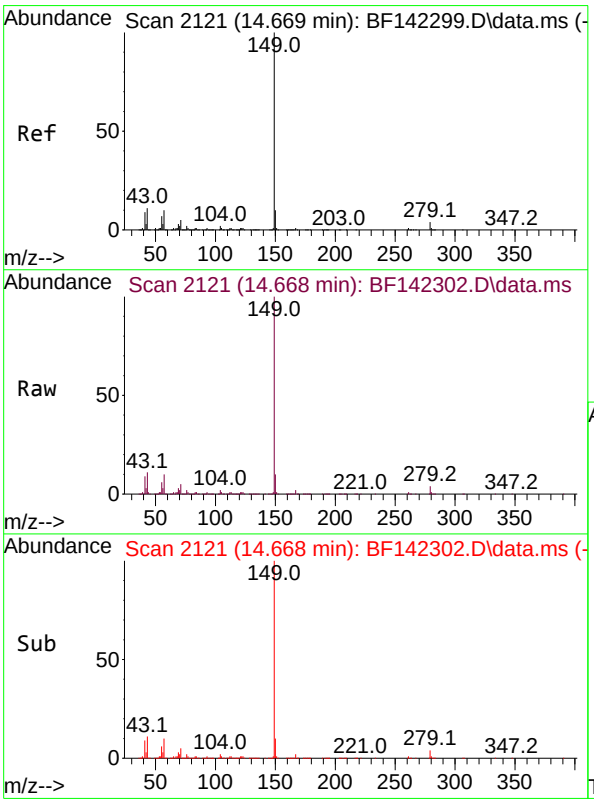
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	4.2	3.0	4.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

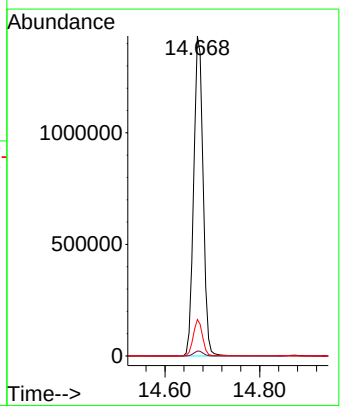


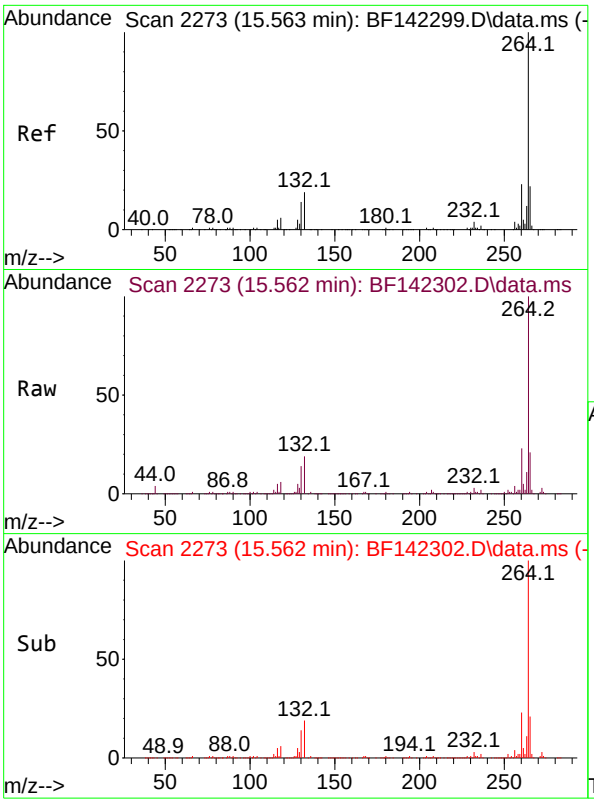


#85
Di-n-octyl phthalate
Concen: 80.100 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 1969676

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.2	13.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

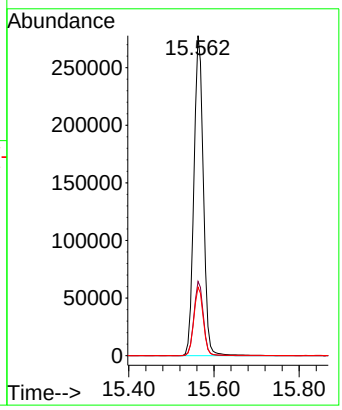
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

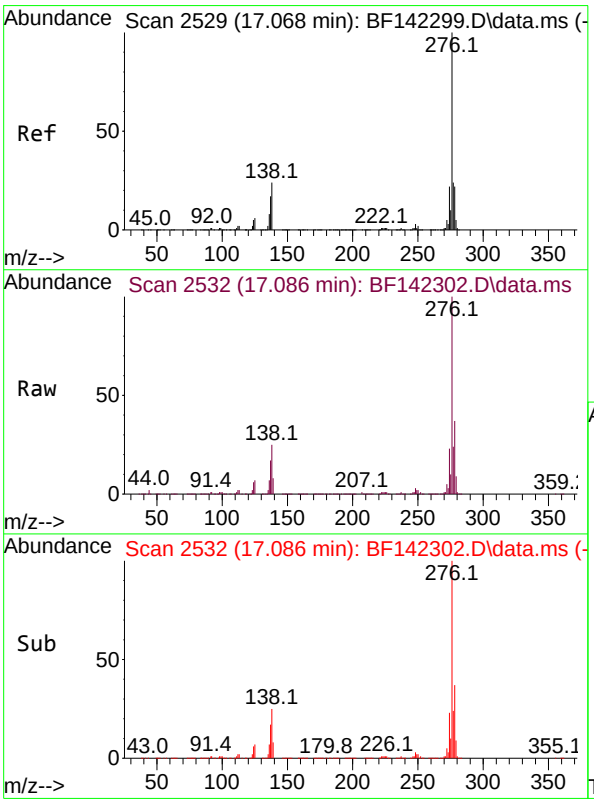
Tgt Ion:264 Resp: 42661

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.5	26.3

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

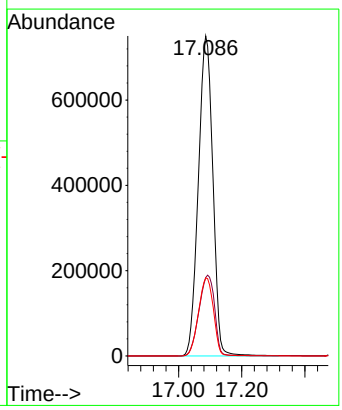


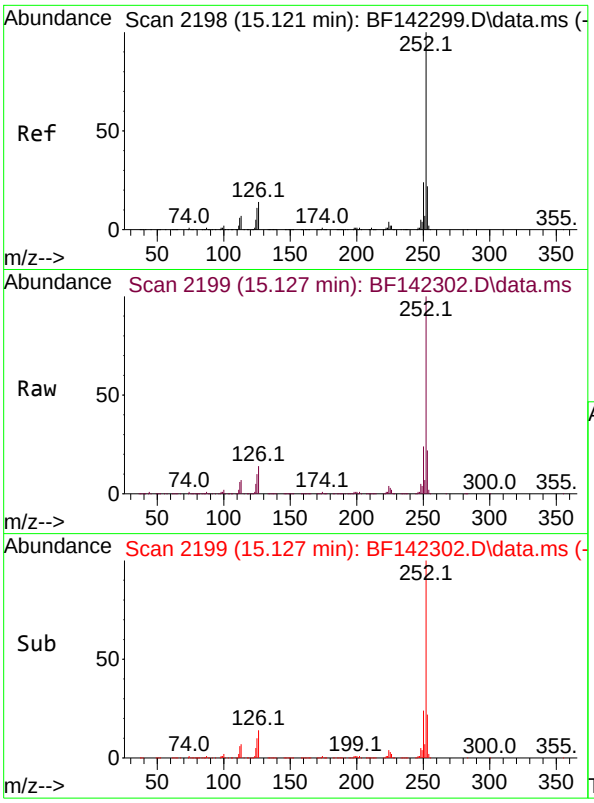


#87
Indeno(1,2,3-cd)pyrene
Concen: 80.614 ng
RT: 17.086 min Scan# 2532
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:276 Resp: 2392344

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.0	33.0
277	25.3	20.1	30.1

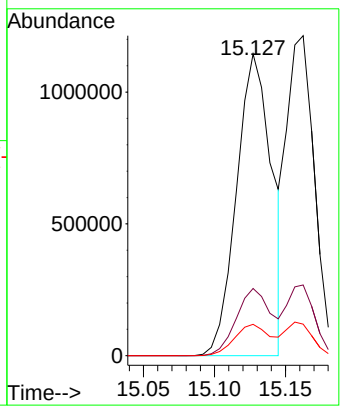




#88
Benzo(b)fluoranthene
Concen: 76.350 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 197274

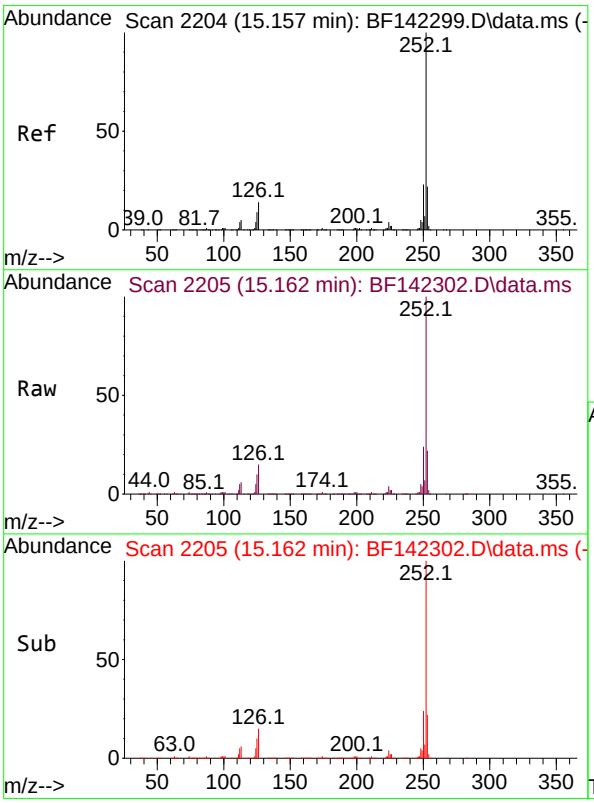
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

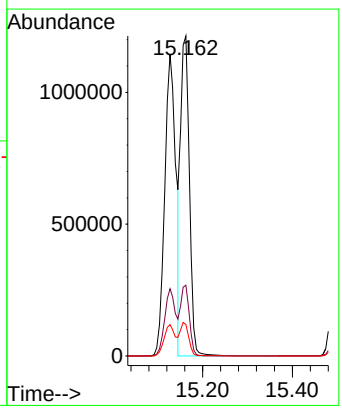
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

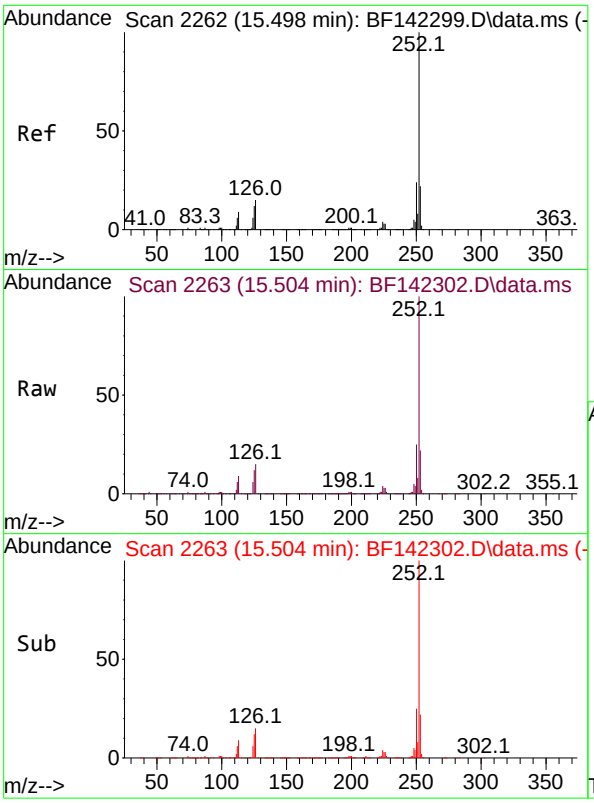


#89
Benzo(k)fluoranthene
Concen: 69.919 ng
RT: 15.162 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 1653244

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.9	8.1	12.1

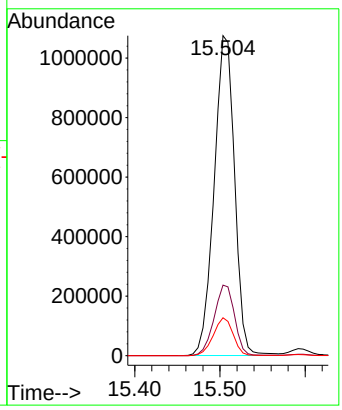




#90
Benzo(a)pyrene
Concen: 77.653 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:252 Resp: 179797

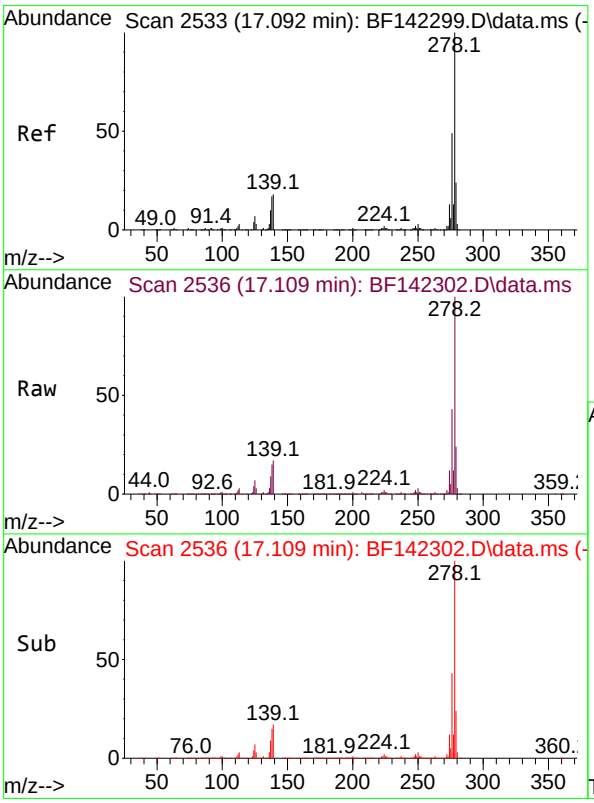
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.9	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

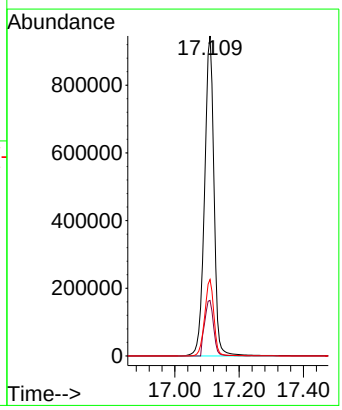
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

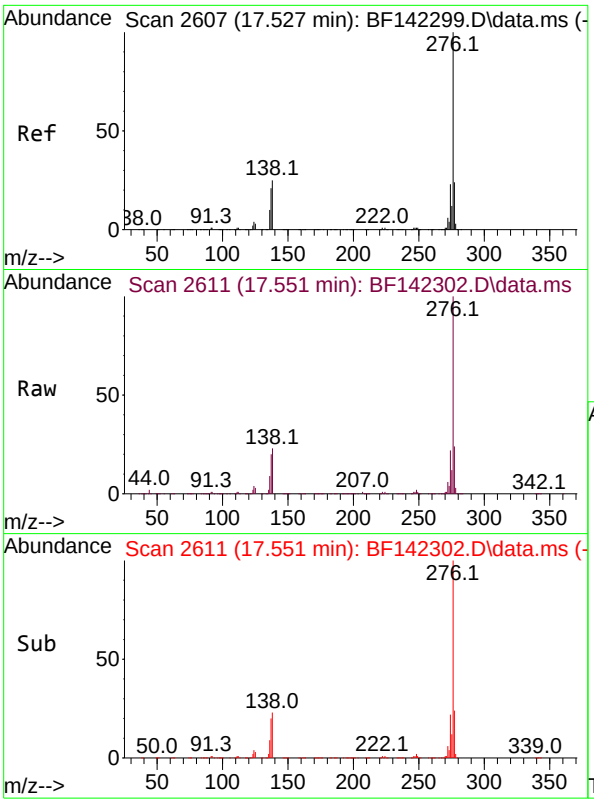


#91
Dibenzo(a,h)anthracene
Concen: 78.562 ng
RT: 17.109 min Scan# 2536
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:278 Resp: 1926135

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.5	21.7
279	23.9	18.9	28.3

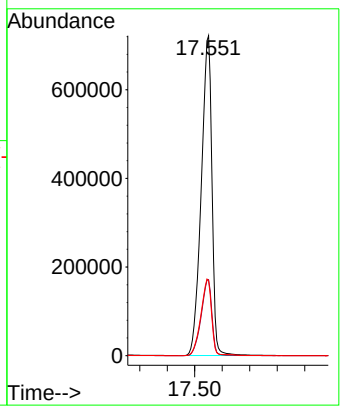




#92
Benzo(g,h,i)perylene
Concen: 80.182 ng
RT: 17.551 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:276 Resp: 195112

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	23.4	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	230180	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	893807	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	478877	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	810843	20.000	ng	0.00
76) Chrysene-d12	14.074	240	446151	20.000	ng	0.00
86) Perylene-d12	15.563	264	447218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1038606	77.026	ng	0.00
7) Phenol-d6	6.522	99	1267516	76.429	ng	0.00
23) Nitrobenzene-d5	7.469	82	1224734	83.567	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	384712	83.209	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2396964	71.371	ng	0.00
79) Terphenyl-d14	13.016	244	2301923	76.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	231020	38.046	ng	99
3) Pyridine	3.452	79	584384	40.992	ng	99
4) n-Nitrosodimethylamine	3.405	42	317717	38.346	ng	100
6) Aniline	6.569	93	686015	42.173	ng	99
8) 2-Chlorophenol	6.687	128	572045	39.701	ng	100
9) Benzaldehyde	6.457	77	330476	34.048	ng	100
10) Phenol	6.540	94	676388m	38.399	ng	
11) bis(2-Chloroethyl)ether	6.640	93	624602m	36.030	ng	
12) 1,3-Dichlorobenzene	6.845	146	616110	37.375	ng	99
13) 1,4-Dichlorobenzene	6.922	146	623676	37.681	ng	99
14) 1,2-Dichlorobenzene	7.075	146	600086	37.772	ng	99
15) Benzyl Alcohol	7.045	79	436337	40.632	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	983896	38.006	ng	100
17) 2-Methylphenol	7.151	107	454505	38.961	ng	100
18) Hexachloroethane	7.422	117	218260	39.633	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	394300	38.437	ng	98
20) 3+4-Methylphenols	7.304	107	569096	39.089	ng	97
22) Acetophenone	7.316	105	745621	37.519	ng	99
24) Nitrobenzene	7.487	77	572370	41.431	ng	99
25) Isophorone	7.728	82	1066427	38.426	ng	99
26) 2-Nitrophenol	7.804	139	276219	42.037	ng	99
27) 2,4-Dimethylphenol	7.834	122	542819	38.903	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	681438	38.186	ng	99
29) 2,4-Dichlorophenol	8.039	162	482996	40.715	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	500471	37.487	ng	99
31) Naphthalene	8.210	128	1645769	37.992	ng	100
32) Benzoic acid	7.939	122	311574m	43.072	ng	
33) 4-Chloroaniline	8.257	127	706603m	39.993	ng	
34) Hexachlorobutadiene	8.328	225	304456	38.512	ng	100
35) Caprolactam	8.622	113	143456	41.494	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	489740	39.715	ng	99
37) 2-Methylnaphthalene	8.898	142	1013246	37.643	ng	98
38) 1-Methylnaphthalene	8.998	142	1052686	37.522	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	502278	37.555	ng	99
41) Hexachlorocyclopentadiene	9.057	237	347327	42.020	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	347673	41.212	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	358022	39.886	ng	99
46) 1,1'-Biphenyl	9.363	154	1368945	37.283	ng	100
47) 2-Chloronaphthalene	9.392	162	1019130	37.323	ng	100
48) 2-Nitroaniline	9.481	65	312727	44.681	ng	99
49) Acenaphthylene	9.804	152	1728165	37.833	ng	100
50) Dimethylphthalate	9.663	163	1173252	38.154	ng	100
51) 2,6-Dinitrotoluene	9.722	165	257792	44.788	ng	96
52) Acenaphthene	9.981	154	1029833	37.495	ng	99
53) 3-Nitroaniline	9.898	138	291556	43.190	ng	95
54) 2,4-Dinitrophenol	9.992	184	114850	42.149	ng	85
55) Dibenzofuran	10.151	168	1506186	37.158	ng	99
56) 4-Nitrophenol	10.039	139	225481	44.381	ng	98
57) 2,4-Dinitrotoluene	10.128	165	334070	45.248	ng	97
58) Fluorene	10.492	166	1135685	36.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	308477	41.630	ng	99
60) Diethylphthalate	10.363	149	1168902	38.064	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	549616	36.826	ng	99
62) 4-Nitroaniline	10.504	138	210408	39.327	ng	99
63) Azobenzene	10.645	77	1112390	37.908	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	152861	41.574	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1027891	38.096	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	352033	38.308	ng	99
68) Hexachlorobenzene	11.039	284	386876	38.273	ng	98
69) Atrazine	11.128	200	291834	41.032	ng	99
70) Pentachlorophenol	11.228	266	233208	43.855	ng	98
71) Phenanthrene	11.457	178	1591319	37.441	ng	100
72) Anthracene	11.510	178	1633756	37.410	ng	100
73) Carbazole	11.657	167	1466436	37.428	ng	100
74) Di-n-butylphthalate	11.992	149	1635344	39.694	ng	100
75) Fluoranthene	12.645	202	1560552	36.731	ng	100
77) Benzidine	12.769	184	349742	43.136	ng	100
78) Pyrene	12.874	202	1553540	39.120	ng	100
80) Butylbenzylphthalate	13.492	149	451916	39.681	ng	99
81) Benzo(a)anthracene	14.063	228	1121831	38.827	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	278603	41.464	ng	100
83) Chrysene	14.098	228	987170	36.701	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	576295	39.051	ng	99
85) Di-n-octyl phthalate	14.668	149	1053573	40.234	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1258449	40.452	ng	100
88) Benzo(b)fluoranthene	15.121	252	1055207	38.957	ng	99
89) Benzo(k)fluoranthene	15.151	252	885574	35.727	ng	99
90) Benzo(a)pyrene	15.498	252	943474	38.871	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	1030211	40.084	ng	100
92) Benzo(g,h,i)perylene	17.533	276	1024727	40.171	ng	98

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

ICAL Form

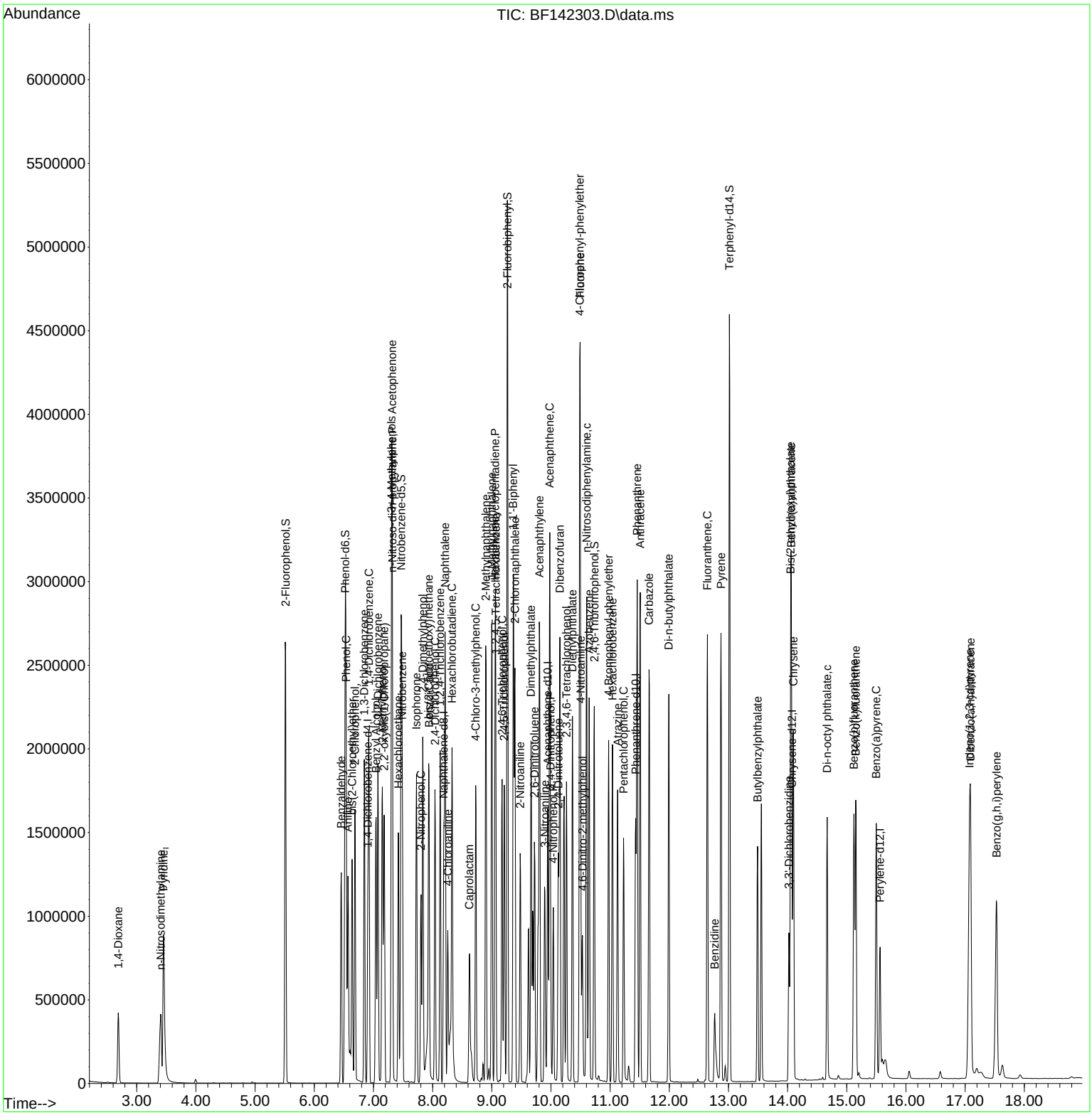
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

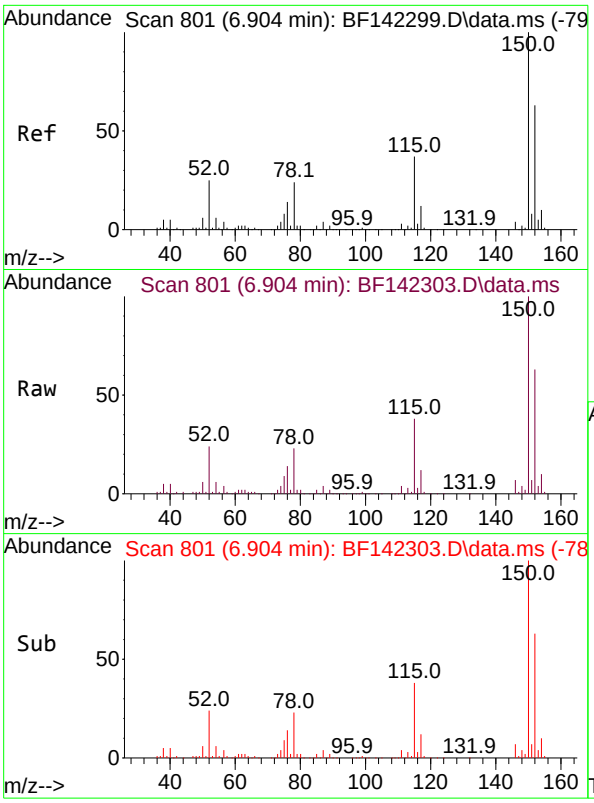
Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

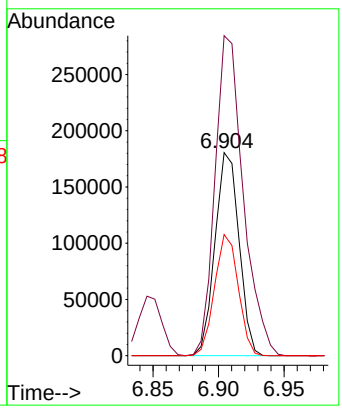




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:152 Resp: 23018(

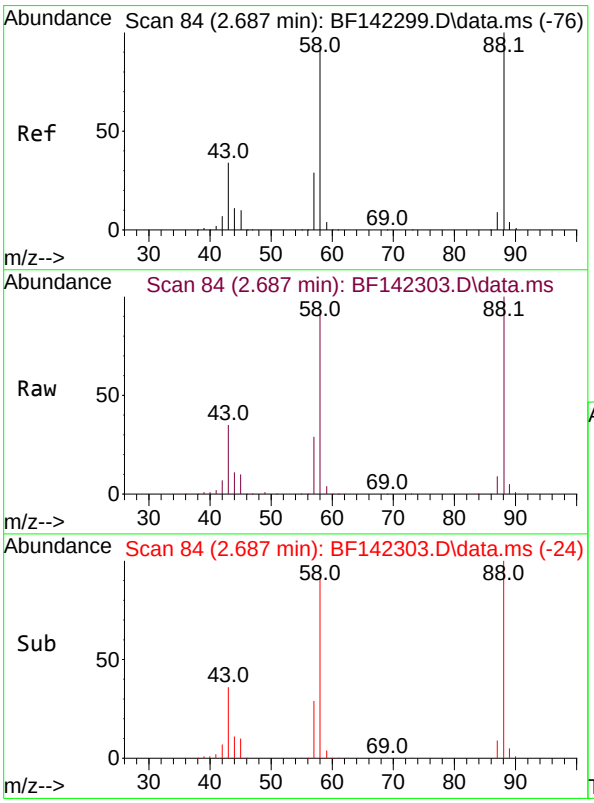
Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	190.0
115	59.7	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

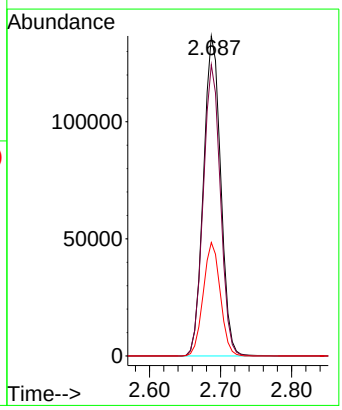
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

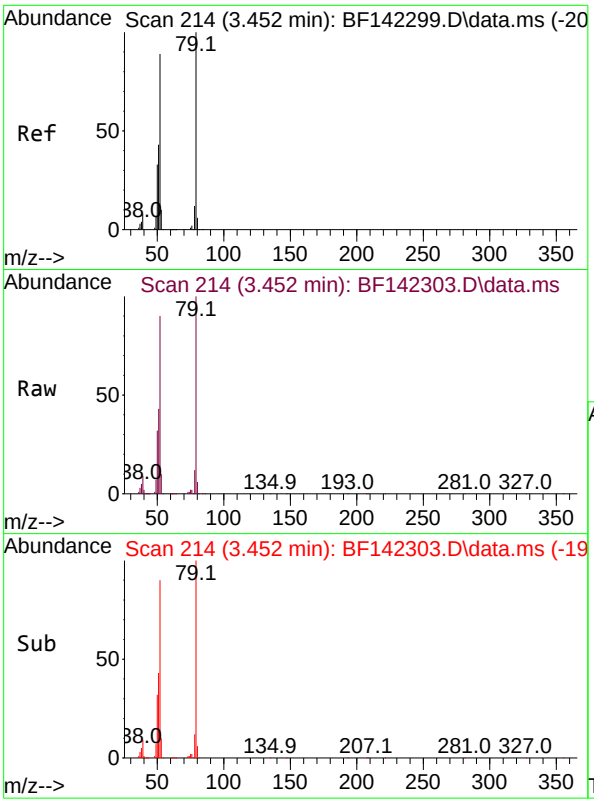


#2
1,4-Dioxane
Concen: 38.046 ng
RT: 2.687 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 88 Resp: 231020

Ion	Ratio	Lower	Upper
88	100		
58	90.4	73.0	109.4
43	35.1	27.8	41.6

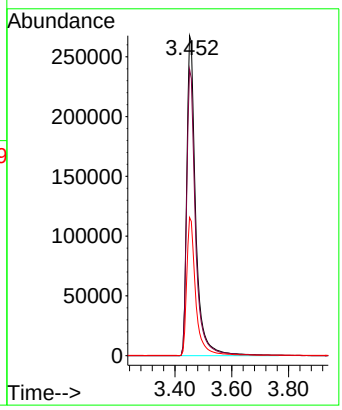




#3
Pyridine
Concen: 40.992 ng
RT: 3.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 79 Resp: 58438

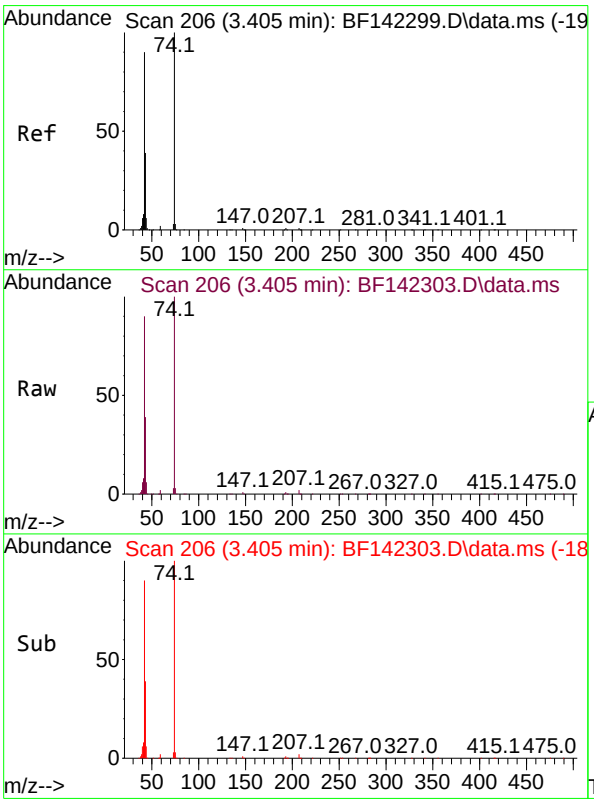
Ion	Ratio	Lower	Upper
79	100		
52	89.5	71.0	106.4
51	43.2	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

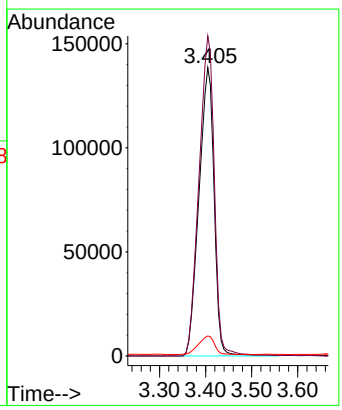
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

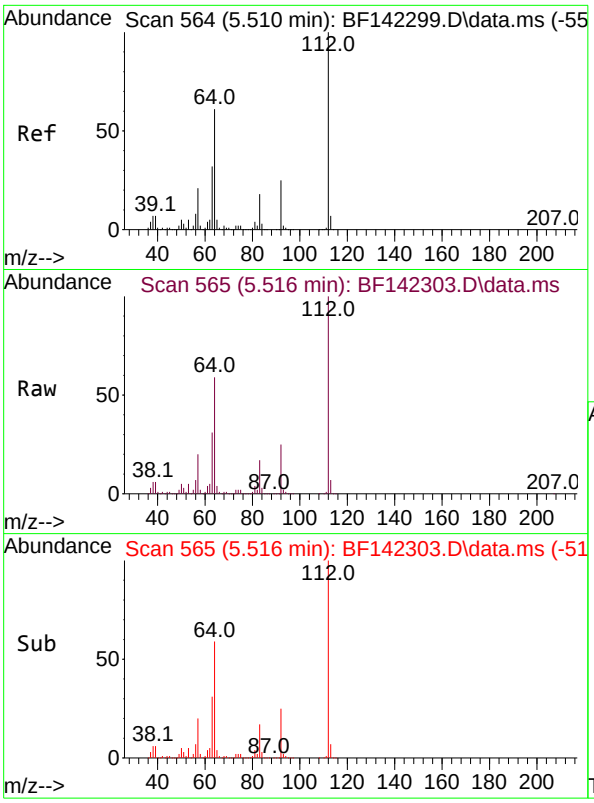


#4
n-Nitrosodimethylamine
Concen: 38.346 ng
RT: 3.405 min Scan# 206
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 42 Resp: 317717

Ion	Ratio	Lower	Upper
42	100		
74	111.0	88.5	132.7
44	6.9	5.8	8.8

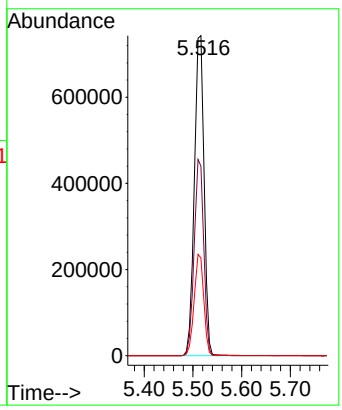




#5
2-Fluorophenol
Concen: 77.026 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:112 Resp: 103860

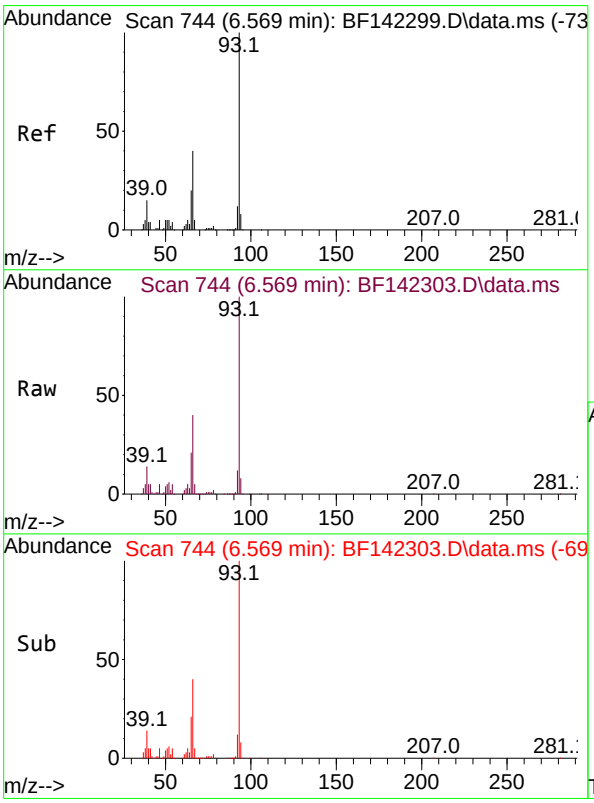
Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.9	73.3
63	30.6	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

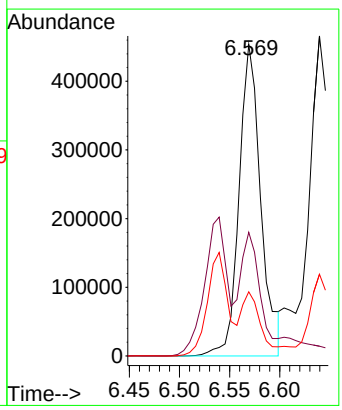
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

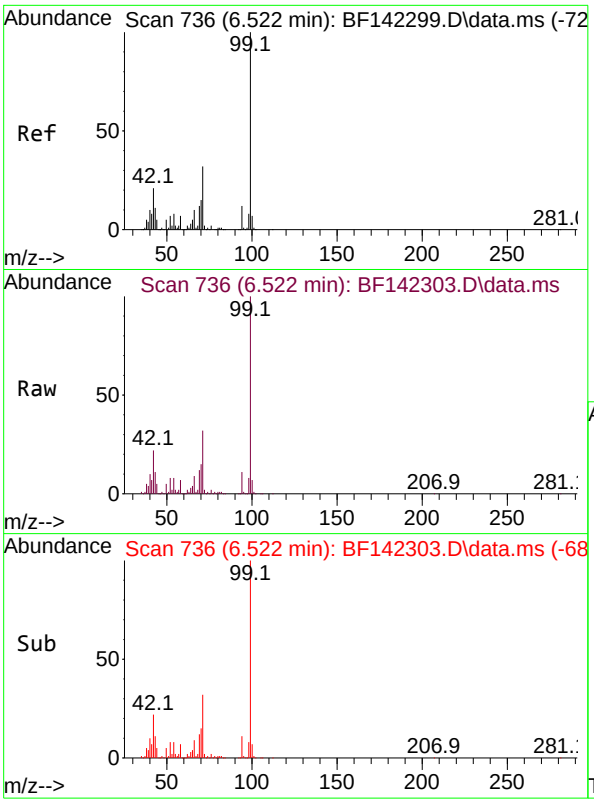


#6
Aniline
Concen: 42.173 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 686015

Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.2	48.4
65	20.6	16.3	24.5

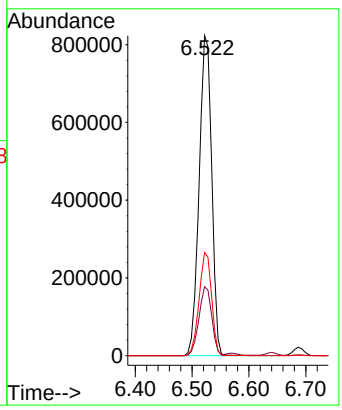




#7
Phenol-d6
Concen: 76.429 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 99 Resp: 126751

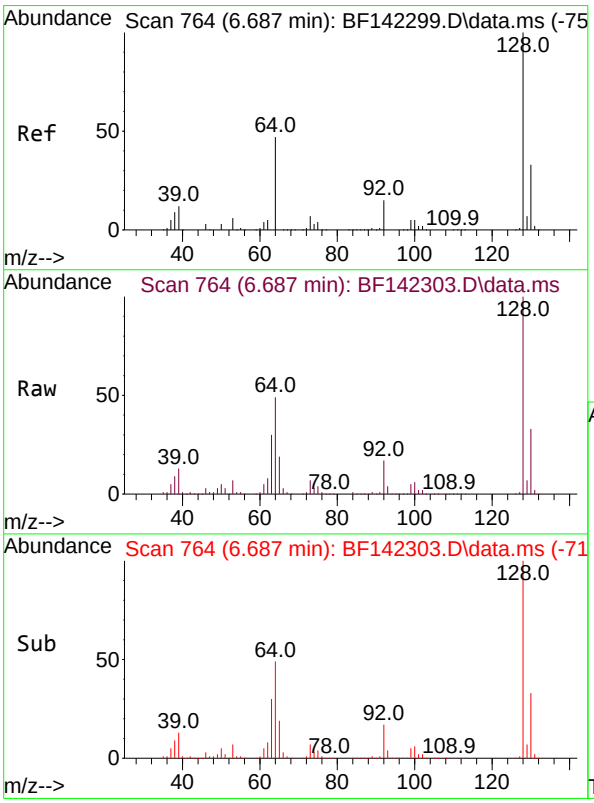
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.4
71	32.2	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

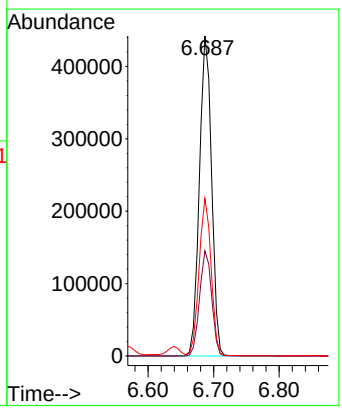
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

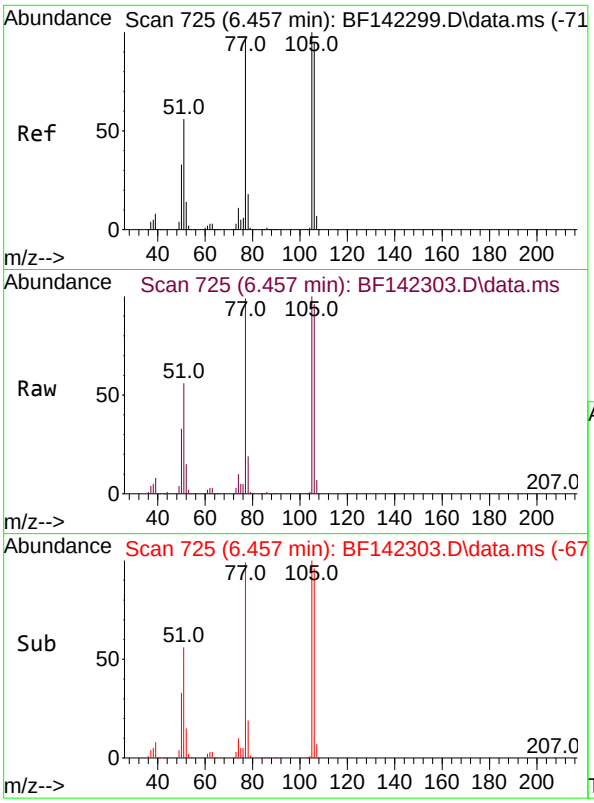


#8
2-Chlorophenol
Concen: 39.701 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:128 Resp: 572045

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	49.2	29.2	69.2

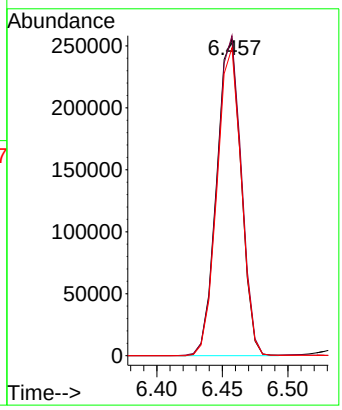




#9
Benzaldehyde
Concen: 34.048 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 33047

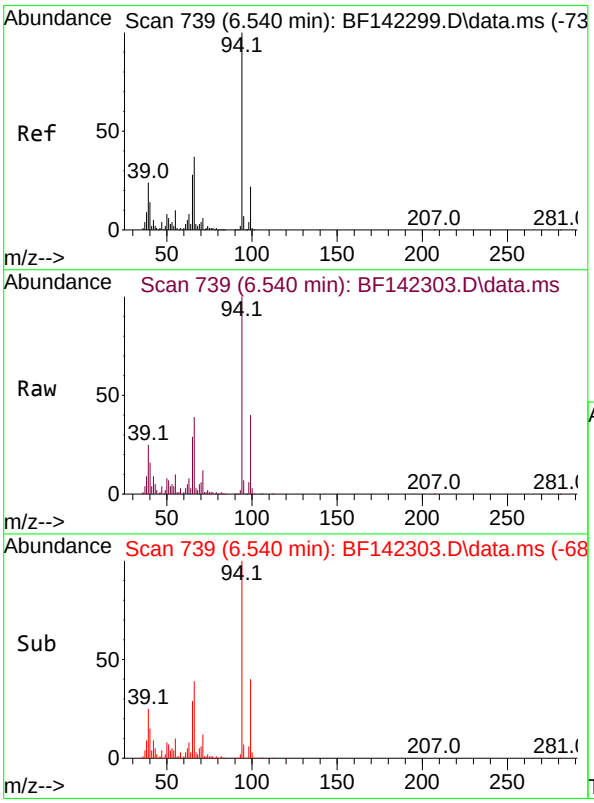
Ion	Ratio	Lower	Upper
77	100		
105	101.1	82.0	122.0
106	97.2	77.2	117.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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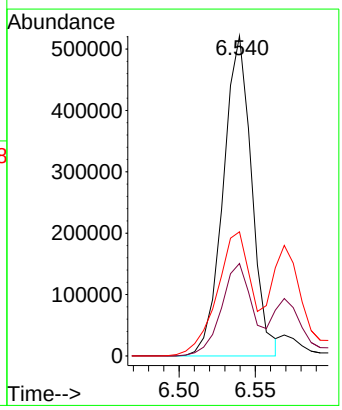
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

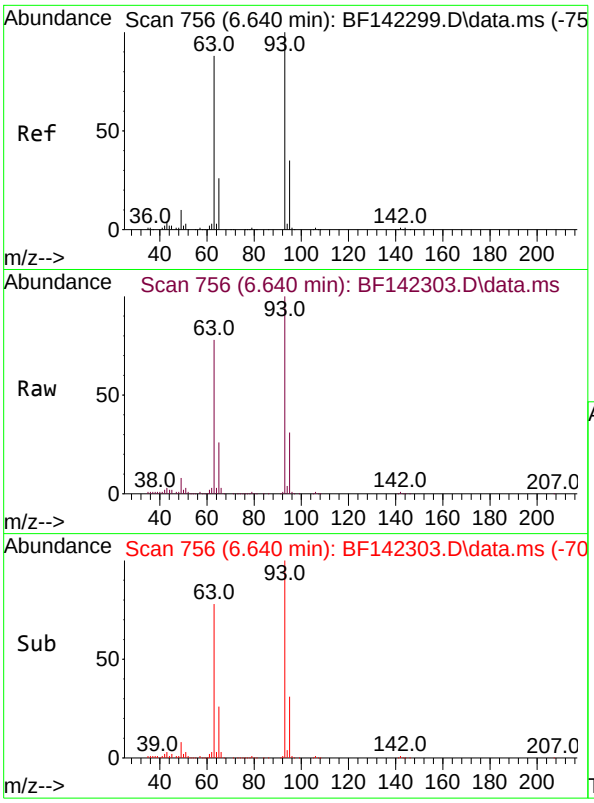


#10
Phenol
Concen: 38.399 ng m
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 94 Resp: 676388

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	38.8	17.3	57.3

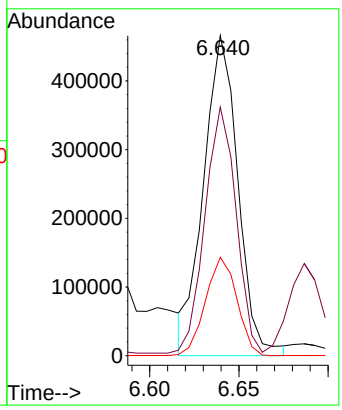




#11
bis(2-Chloroethyl)ether
Concen: 36.030 ng m
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 62460

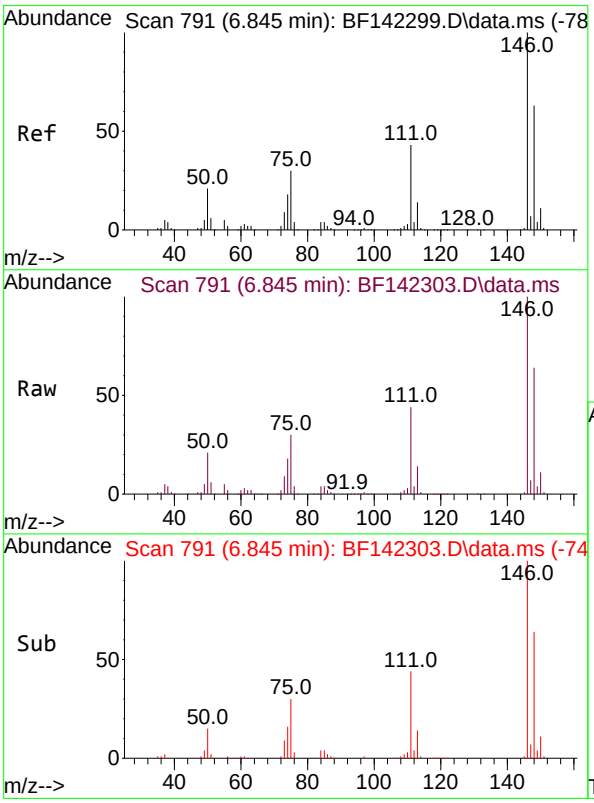
Ion	Ratio	Lower	Upper
93	100		
63	77.7	58.4	98.4
95	30.8	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

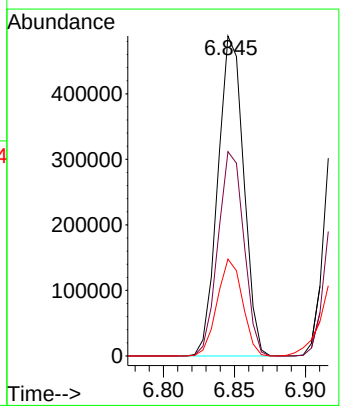
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

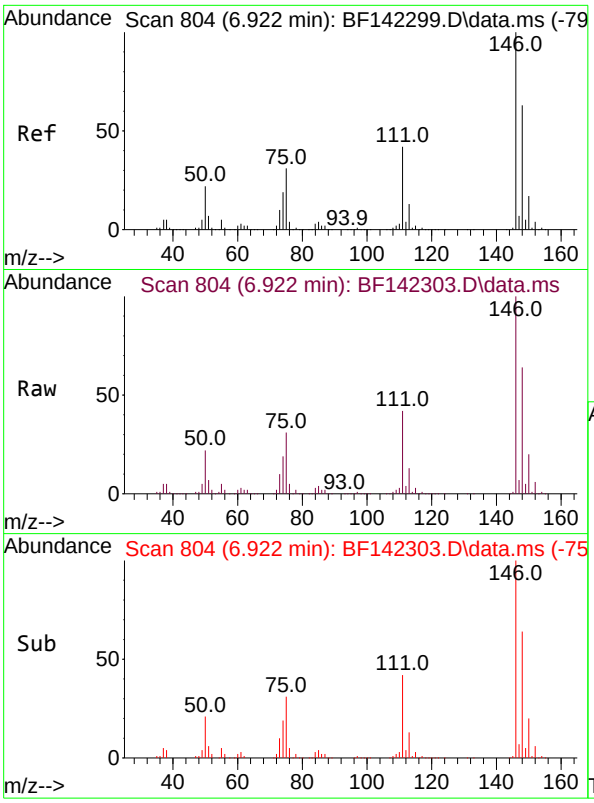


#12
1,3-Dichlorobenzene
Concen: 37.375 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:146 Resp: 616110

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	30.3	24.2	36.4

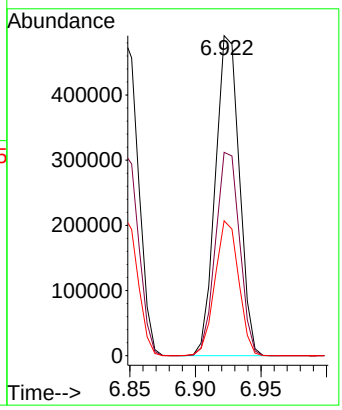




#13
1,4-Dichlorobenzene
Concen: 37.681 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:146 Resp: 62367

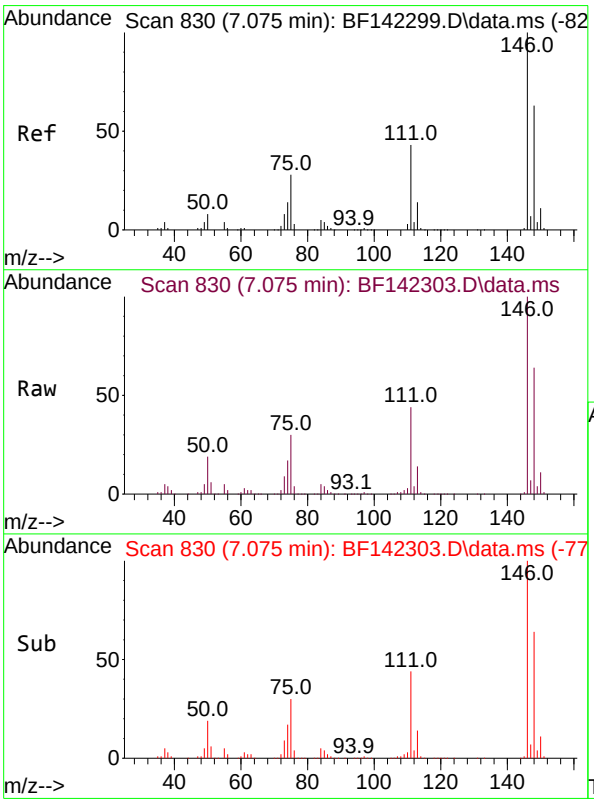
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	42.1	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

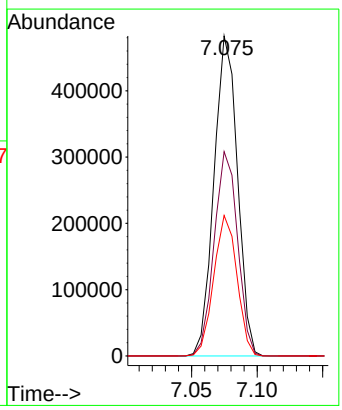
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

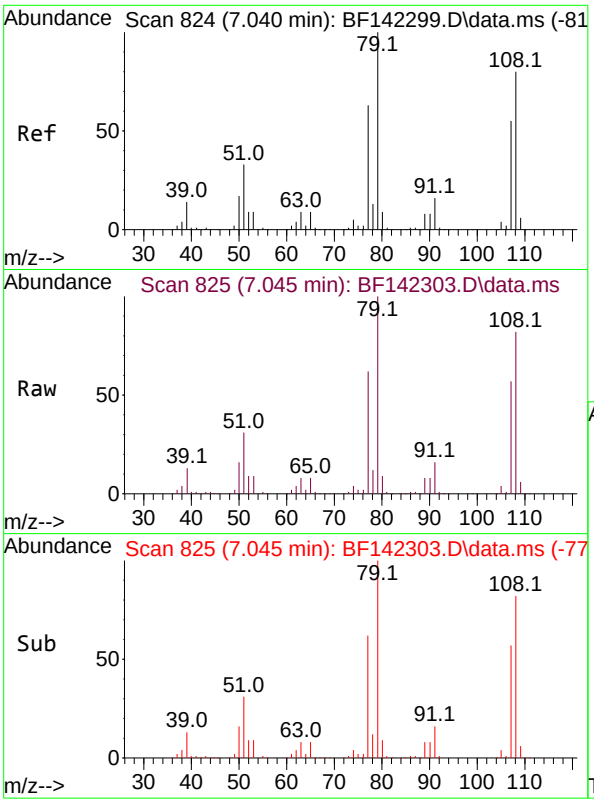


#14
1,2-Dichlorobenzene
Concen: 37.772 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:146 Resp: 600086

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	43.9	34.5	51.7

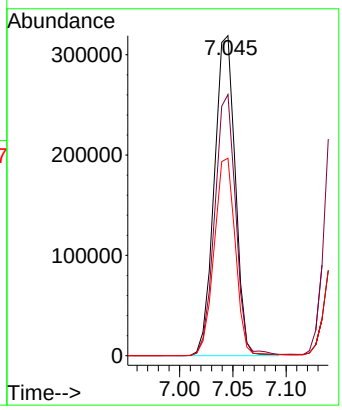




#15
Benzyl Alcohol
Concen: 40.632 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 79 Resp: 43633

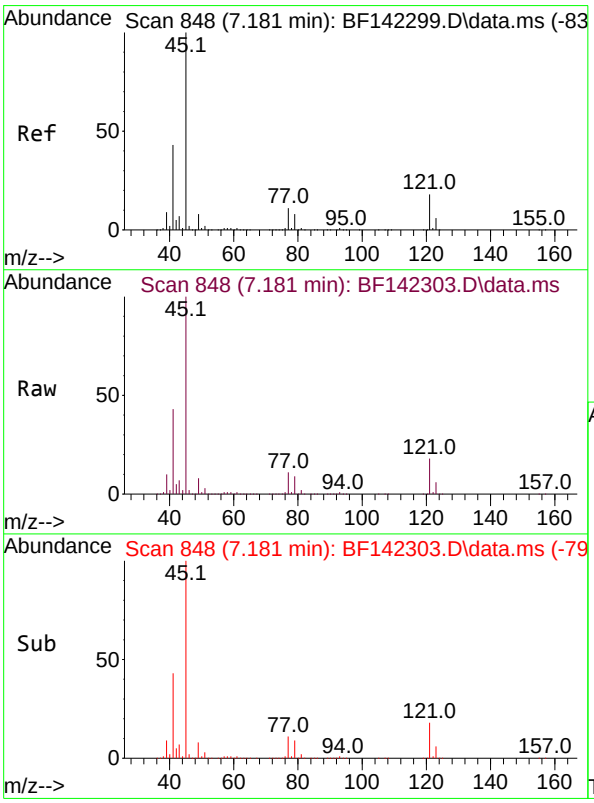
Ion	Ratio	Lower	Upper
79	100		
108	81.6	63.9	95.9
77	61.7	50.7	76.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

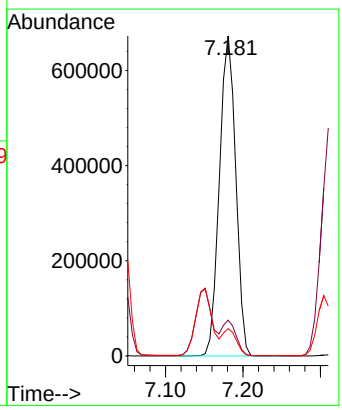
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

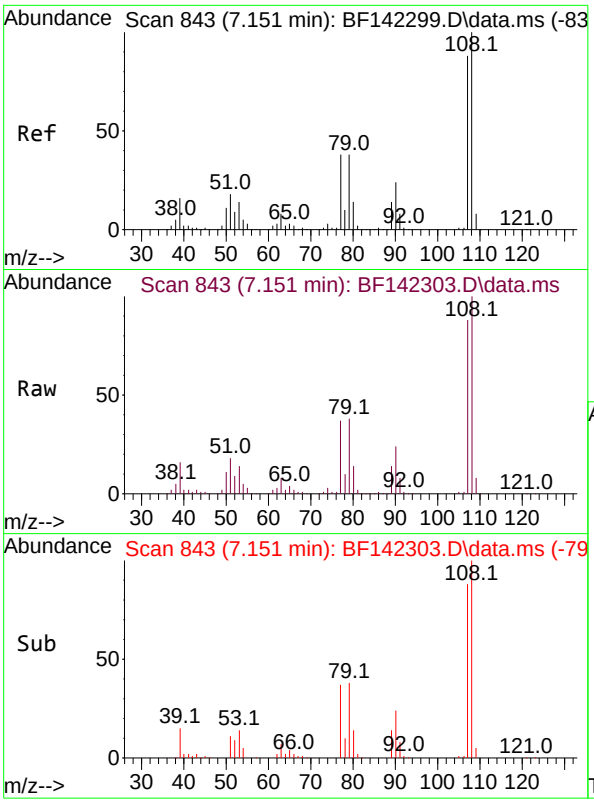


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.006 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 45 Resp: 983896

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.6	0.0	28.5

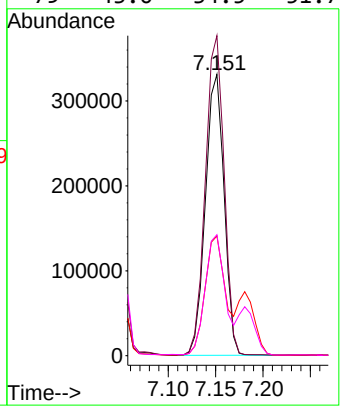




#17
2-Methylphenol
Concen: 38.961 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 45450

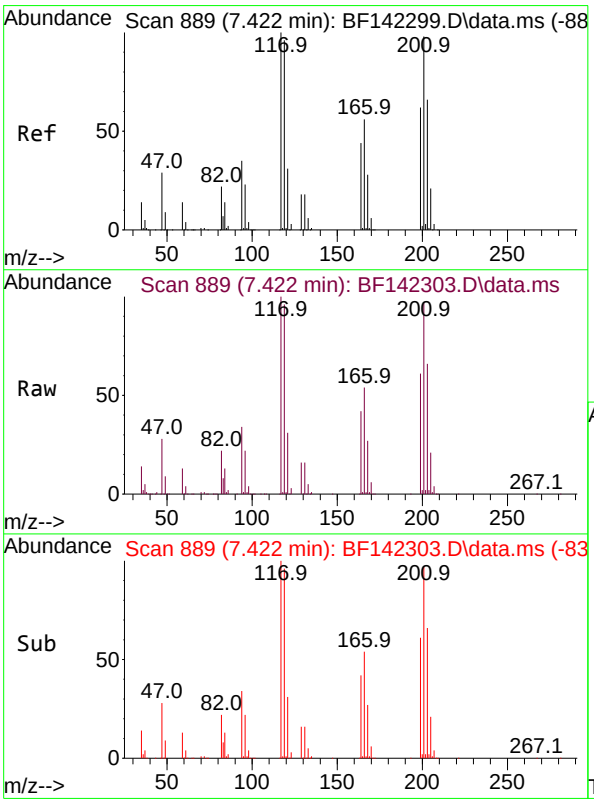
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	42.5	34.7	52.1
79	43.0	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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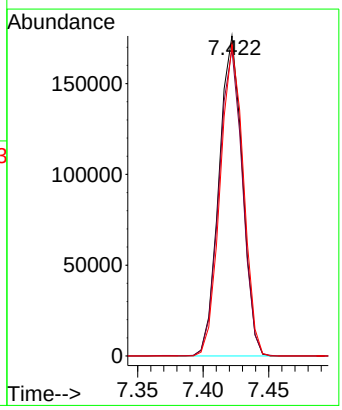
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

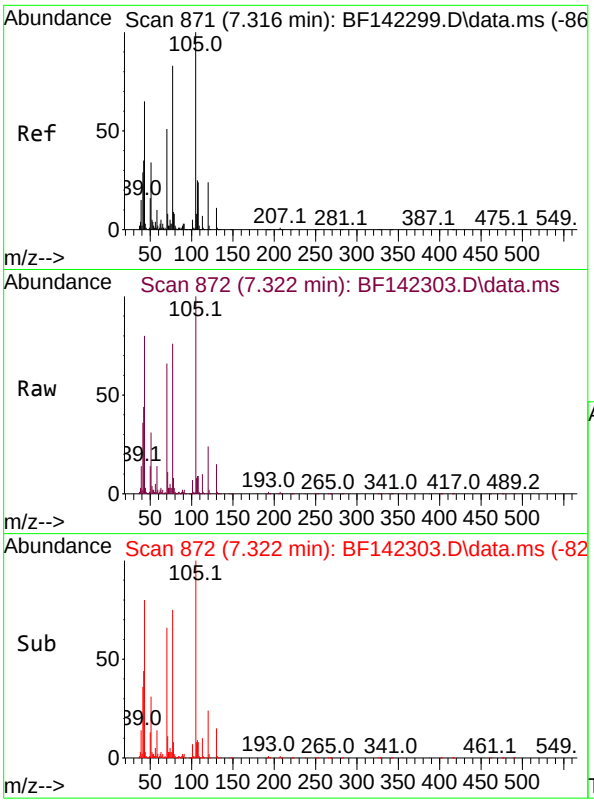


#18
Hexachloroethane
Concen: 39.633 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:117 Resp: 218260

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	97.3	78.0	117.0

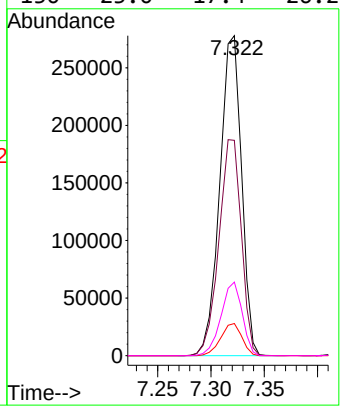




#19
n-Nitroso-di-n-propylamine
Concen: 38.437 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 70 Resp: 39430

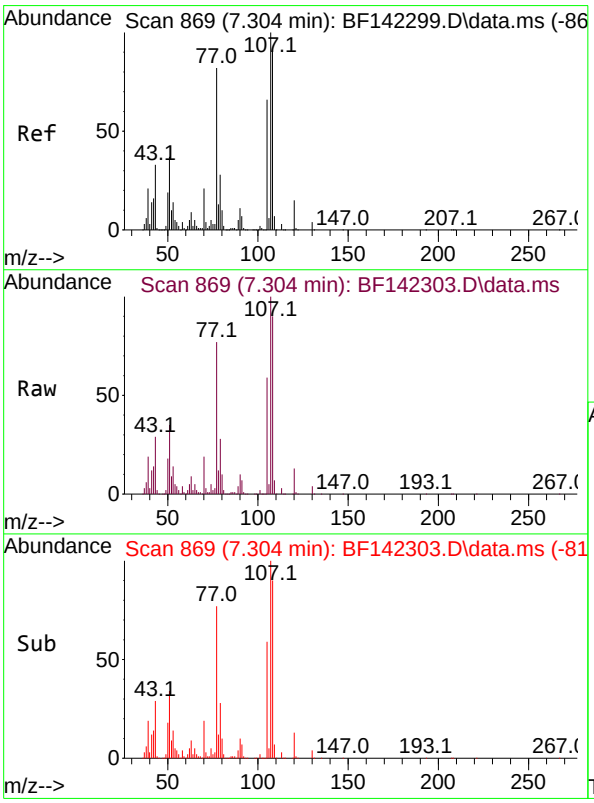
Ion	Ratio	Lower	Upper
70	100		
42	67.3	54.8	82.2
101	10.0	7.7	11.5
130	23.0	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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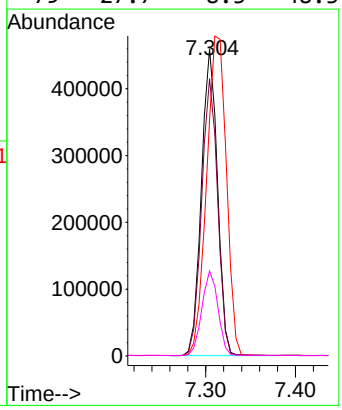
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

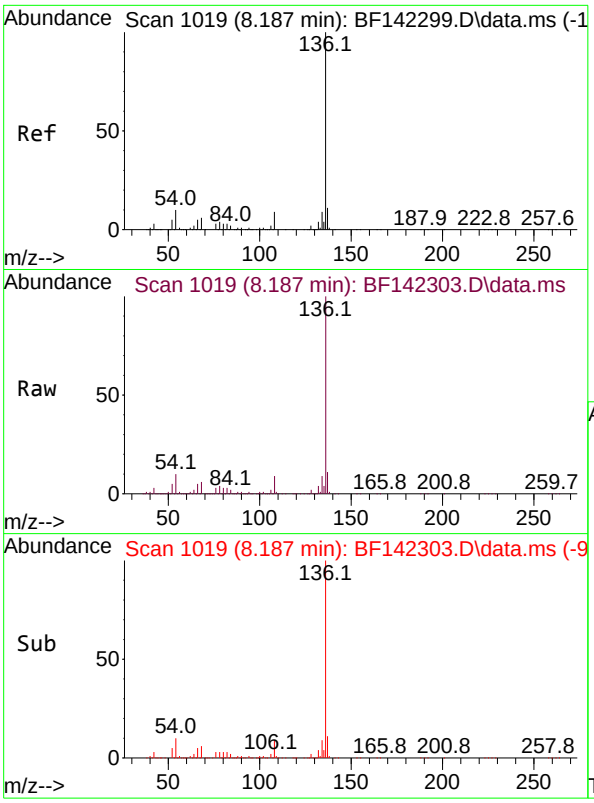


#20
3+4-Methylphenols
Concen: 39.089 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 569096

Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	76.9	61.6	101.6
79	27.7	8.3	48.3

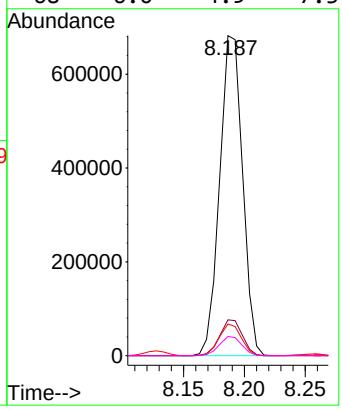




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:136 Resp: 89380

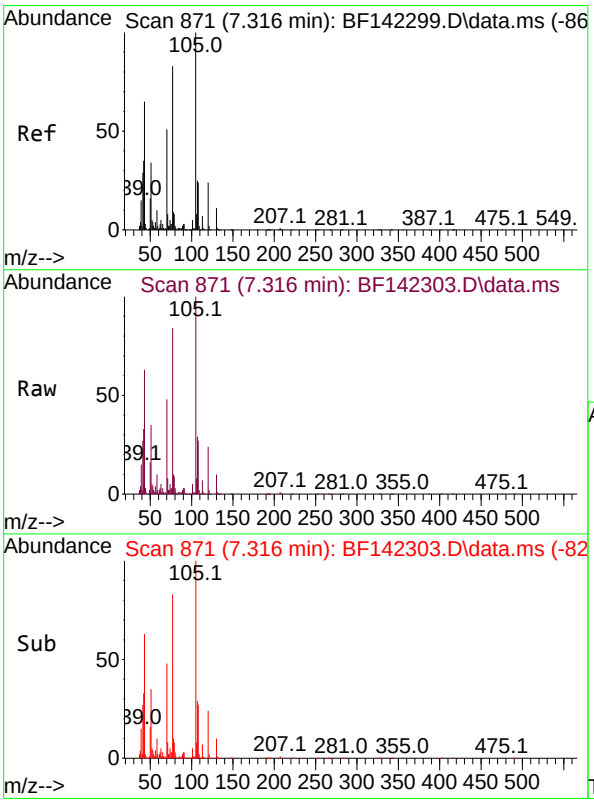
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	7.7	11.5
68	6.0	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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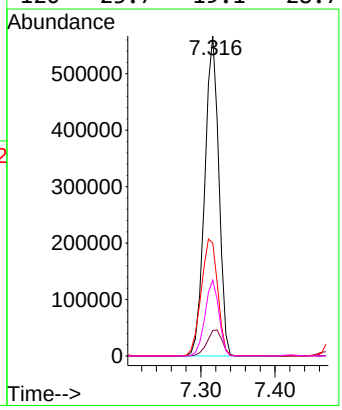
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

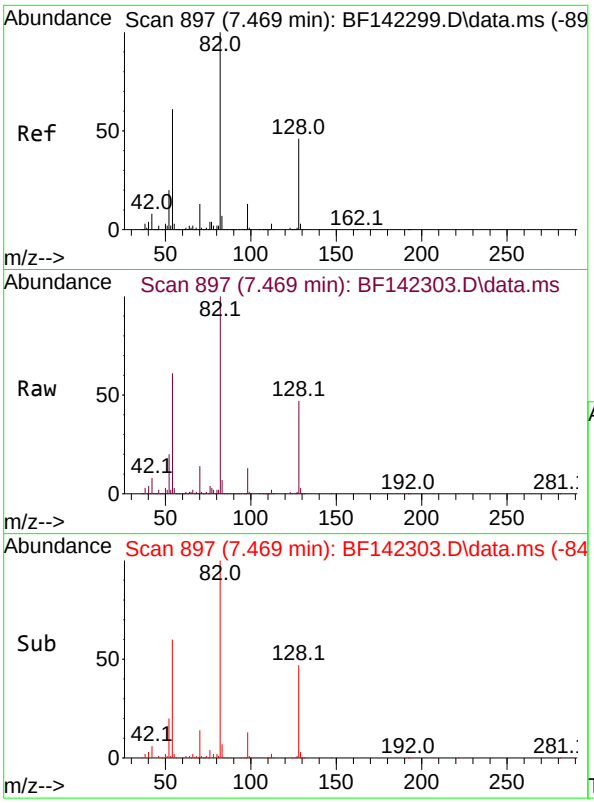


#22
Acetophenone
Concen: 37.519 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:105 Resp: 745621

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.7	10.1
51	35.2	27.6	41.4
120	23.7	19.1	28.7

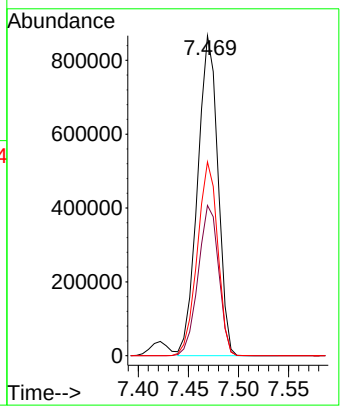




#23
Nitrobenzene-d5
Concen: 83.567 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 82 Resp: 122473

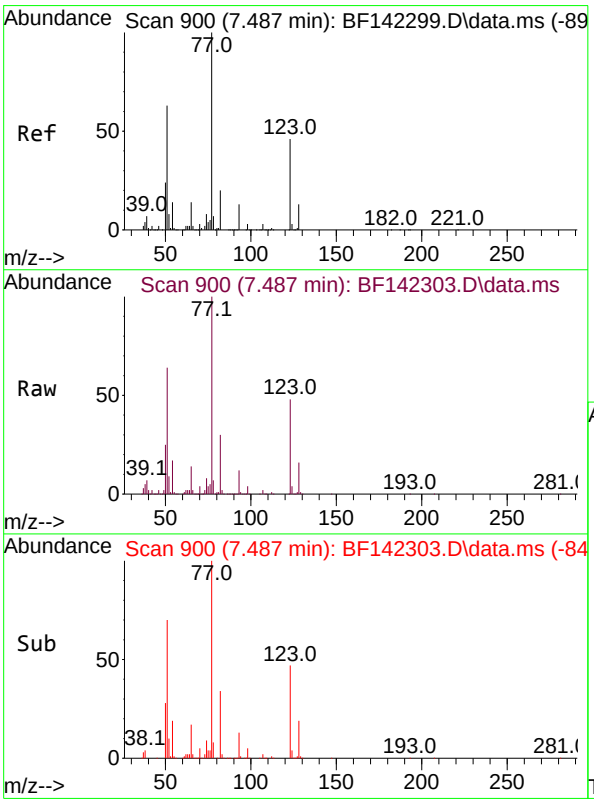
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.6
54	60.6	48.6	73.0



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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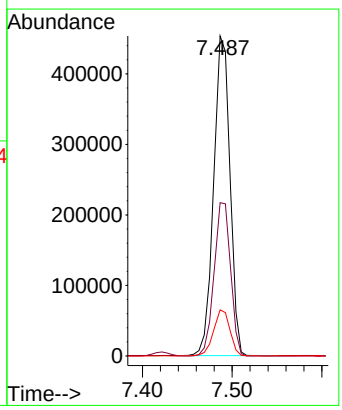
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

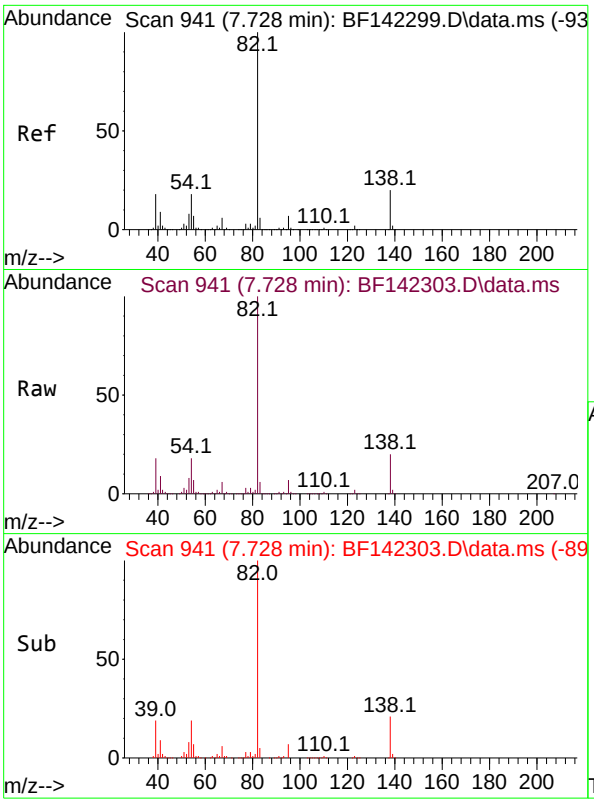


#24
Nitrobenzene
Concen: 41.431 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 572370

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.8	56.8
65	14.4	11.4	17.0





#25
Isophorone
Concen: 38.426 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

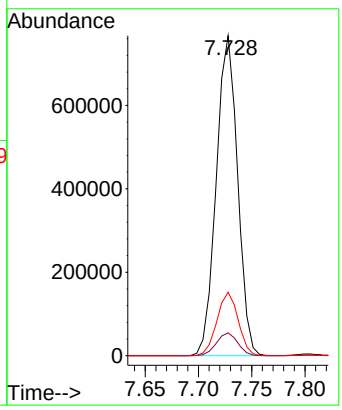
Tgt Ion: 82 Resp: 106642

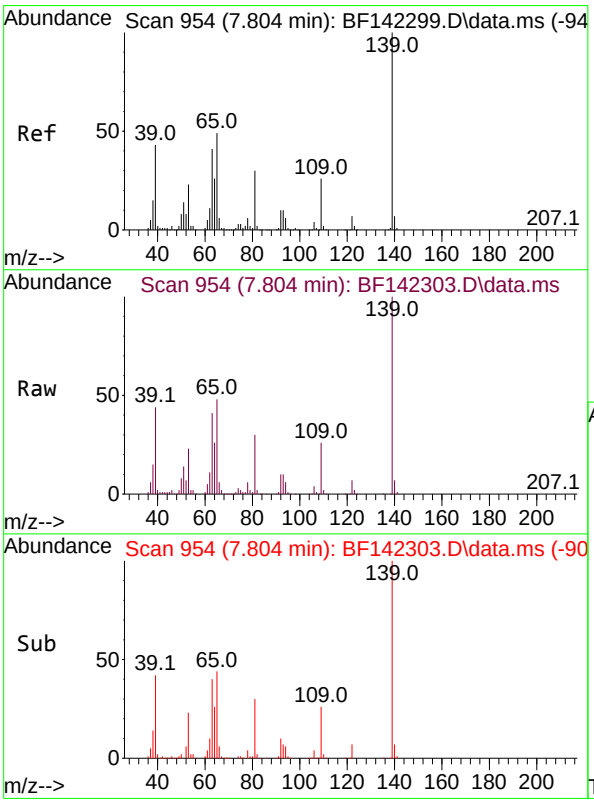
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.8	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

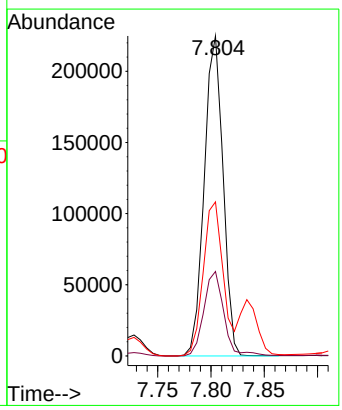


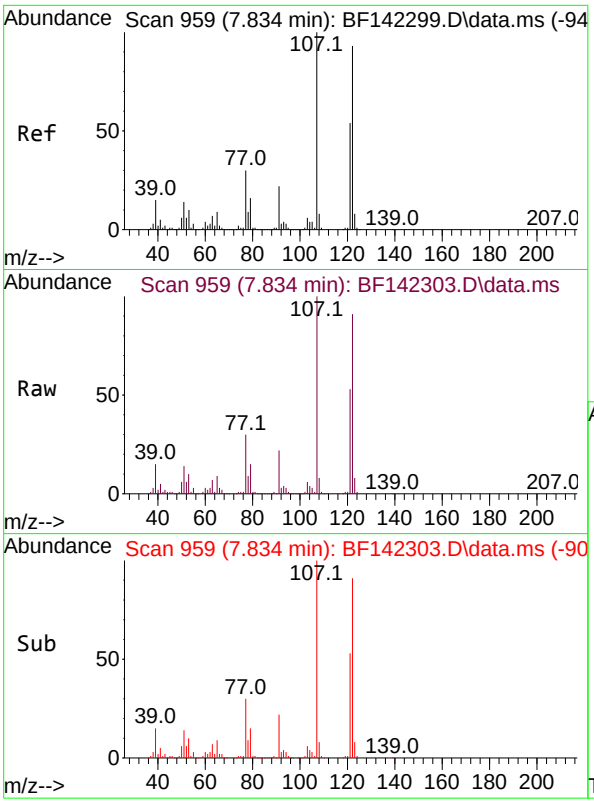


#26
2-Nitrophenol
Concen: 42.037 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:139 Resp: 276219

Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.8	31.2
65	48.1	38.9	58.3

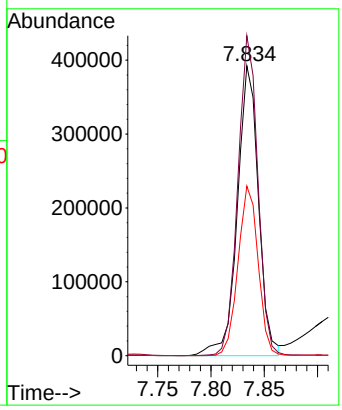




#27
2,4-Dimethylphenol
Concen: 38.903 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:122 Resp: 54281

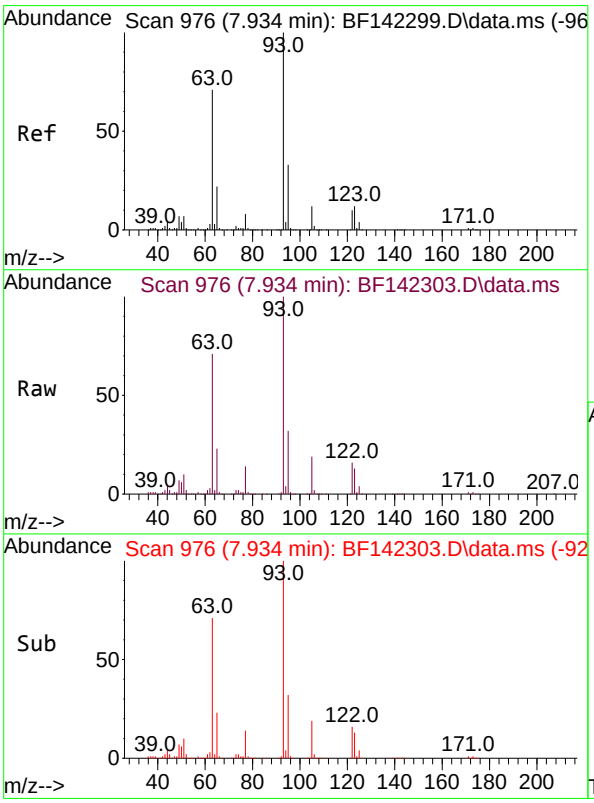
Ion	Ratio	Lower	Upper
122	100		
107	110.4	86.0	129.0
121	58.5	46.2	69.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

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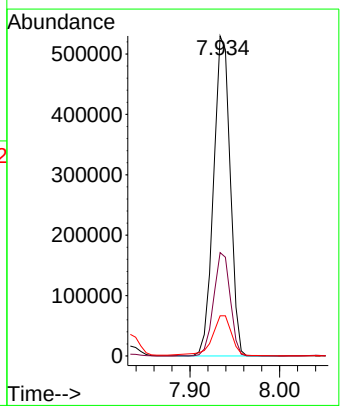
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

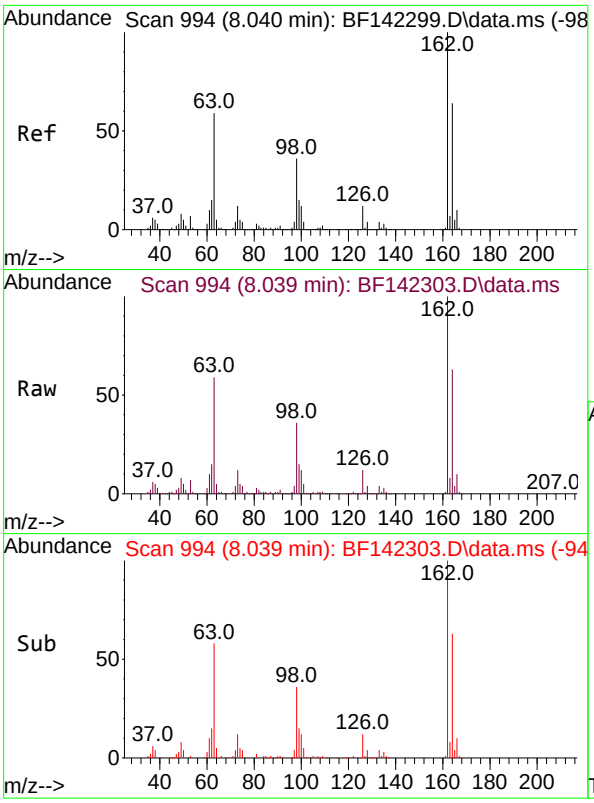


#28
bis(2-Chloroethoxy)methane
Concen: 38.186 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 93 Resp: 681438

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	12.6	10.2	15.4

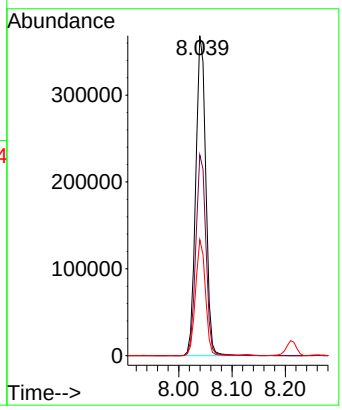




#29
2,4-Dichlorophenol
Concen: 40.715 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:162 Resp: 48299

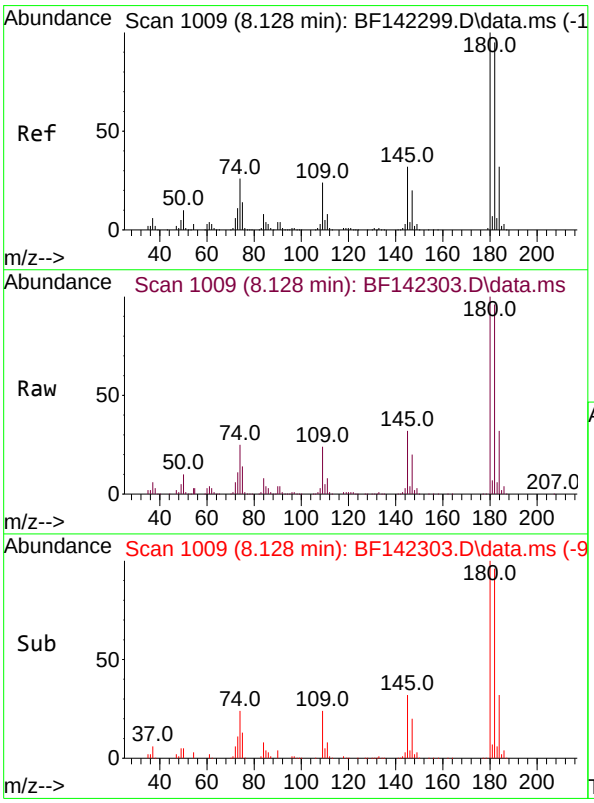
Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.6	83.6
98	36.3	16.5	56.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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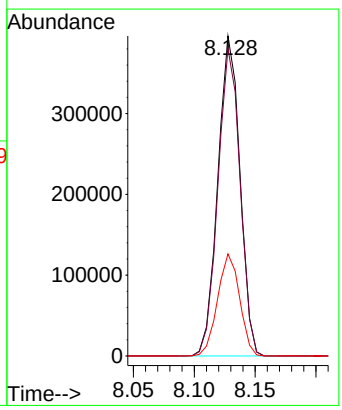
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

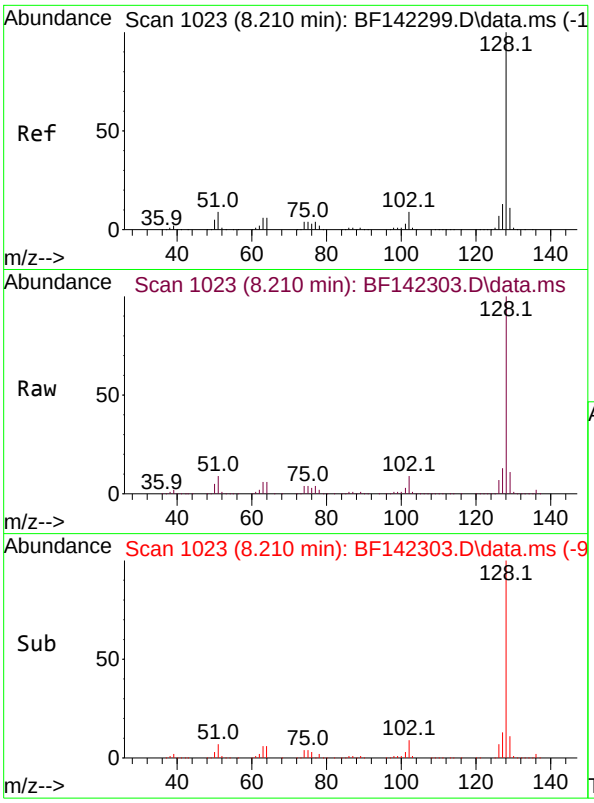


#30
1,2,4-Trichlorobenzene
Concen: 37.487 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:180 Resp: 500471

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.4
145	31.9	25.8	38.6

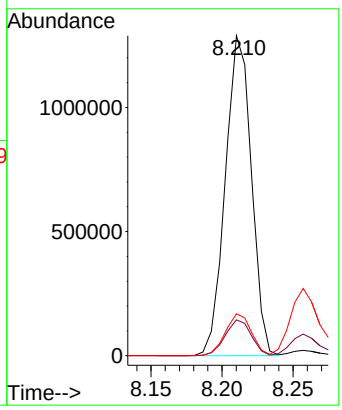




#31
Naphthalene
Concen: 37.992 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:128 Resp: 164576

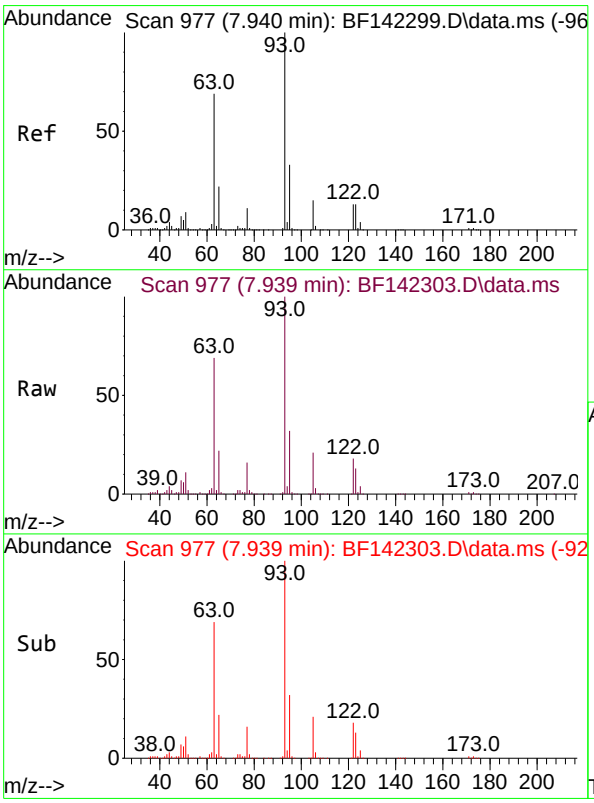
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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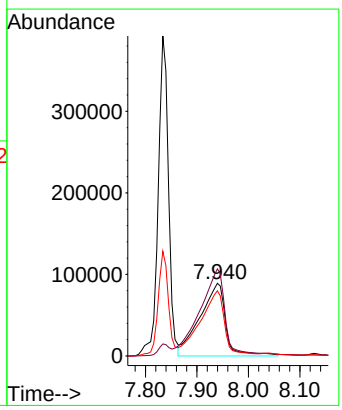
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

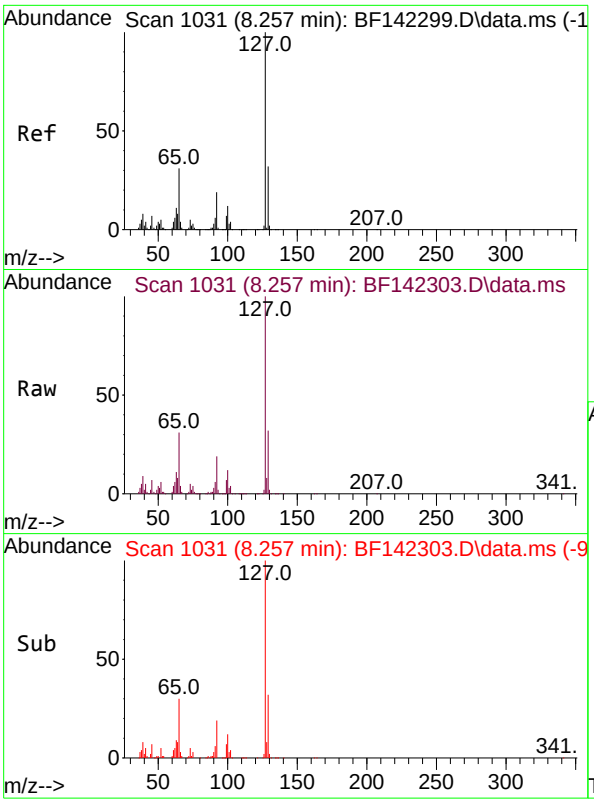


#32
Benzoic acid
Concen: 43.072 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:122 Resp: 311574

Ion	Ratio	Lower	Upper
122	100		
105	120.0	97.9	137.9
77	89.6	67.7	107.7

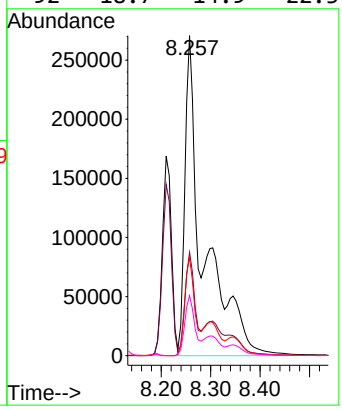




#33
4-Chloroaniline
Concen: 39.993 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:127 Resp: 70660

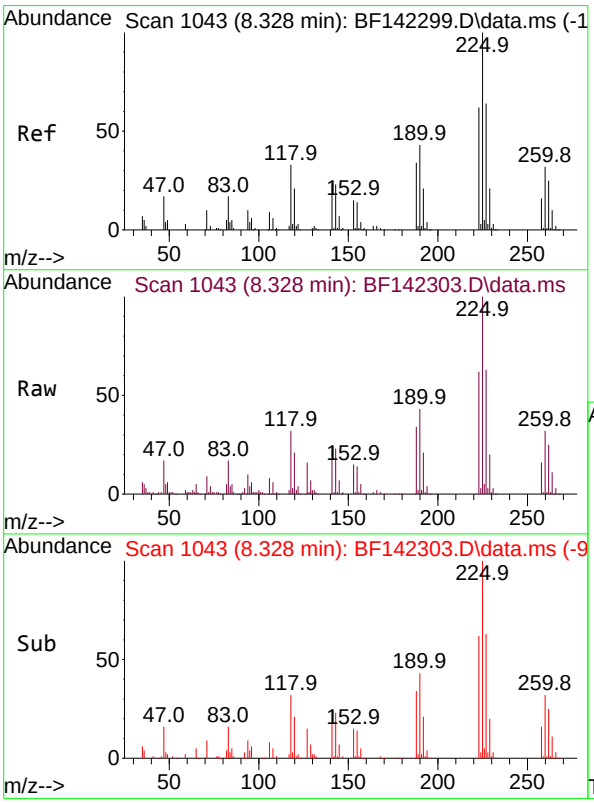
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	30.7	24.9	37.3
92	18.7	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

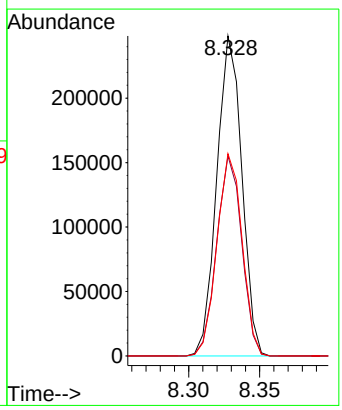
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

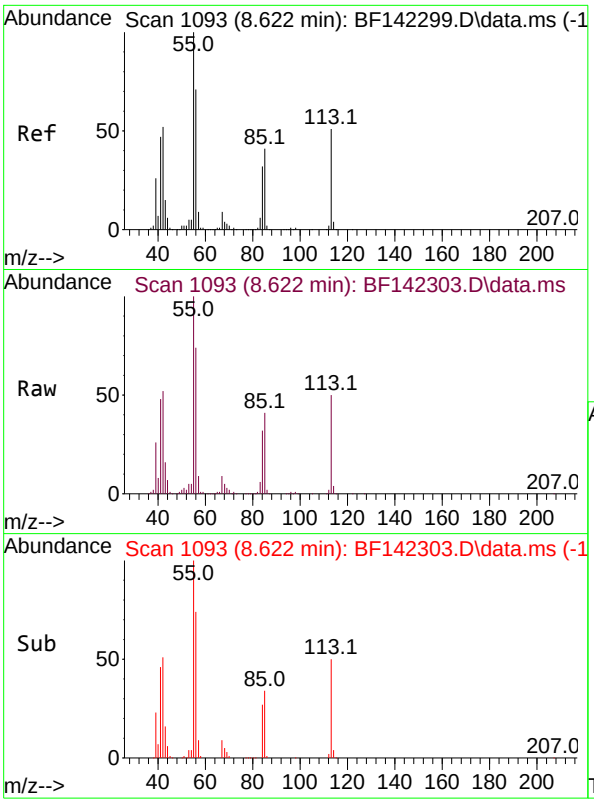


#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:225 Resp: 304456

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	63.2	50.9	76.3





#35
Caprolactam
Concen: 41.494 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

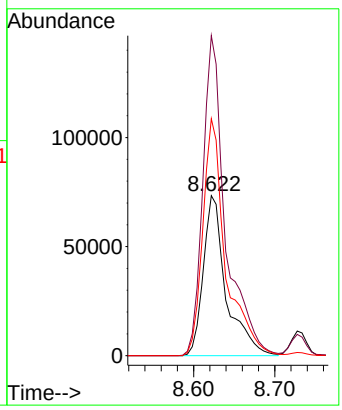
Tgt Ion:113 Resp: 14345

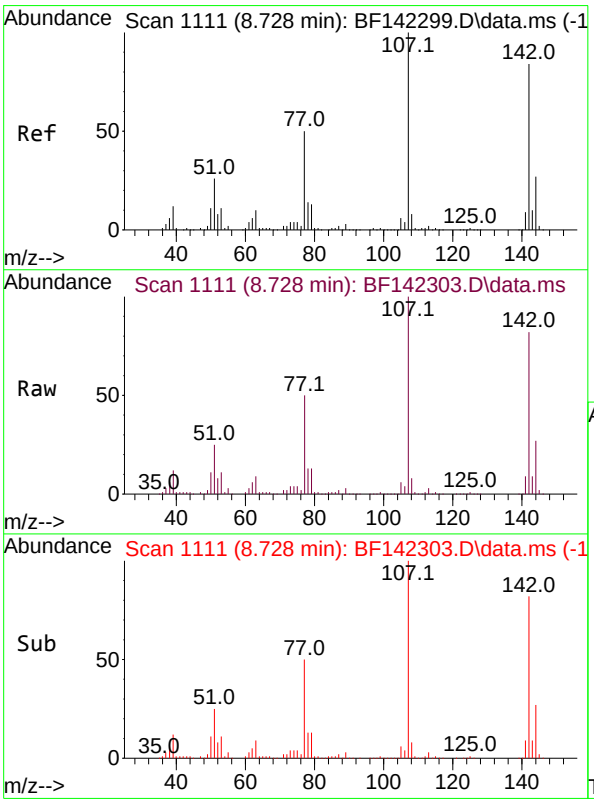
Ion	Ratio	Lower	Upper
113	100		
55	199.9	176.4	216.4
56	148.0	120.3	160.3

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

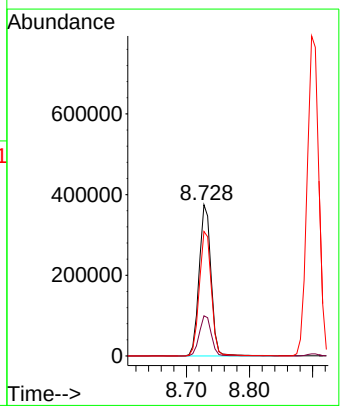


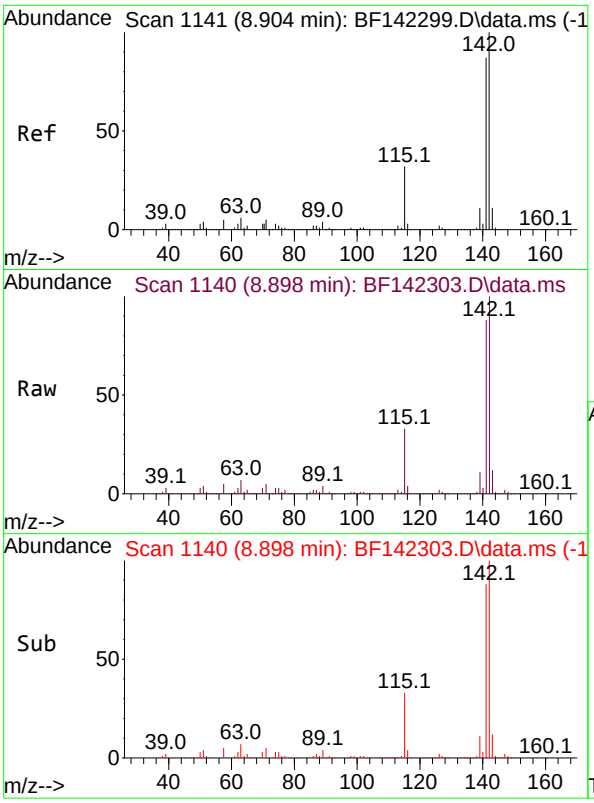


#36
4-Chloro-3-methylphenol
Concen: 39.715 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:107 Resp: 489740

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	82.4	66.9	100.3





#37
2-Methylnaphthalene
Concen: 37.643 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

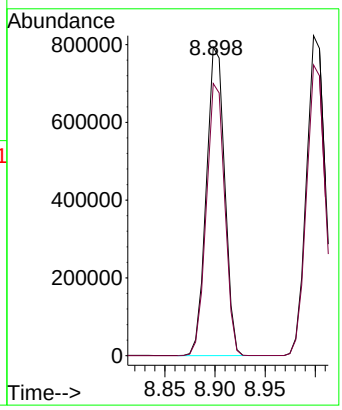
Tgt Ion:142 Resp: 101324

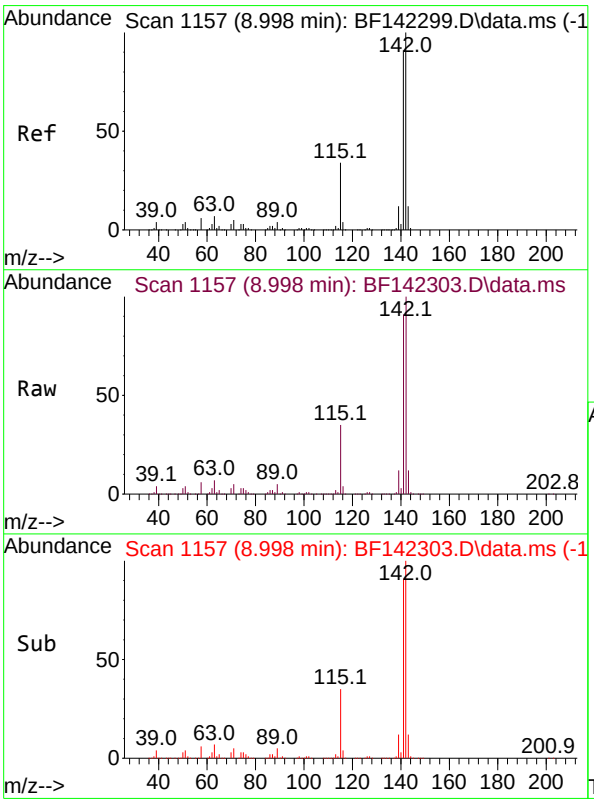
Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.4	104.2

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

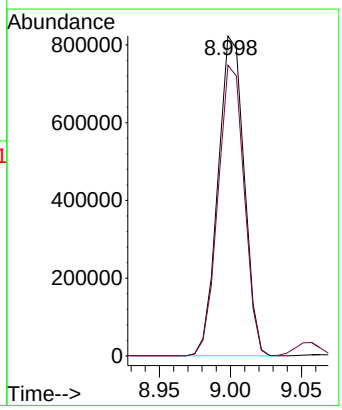


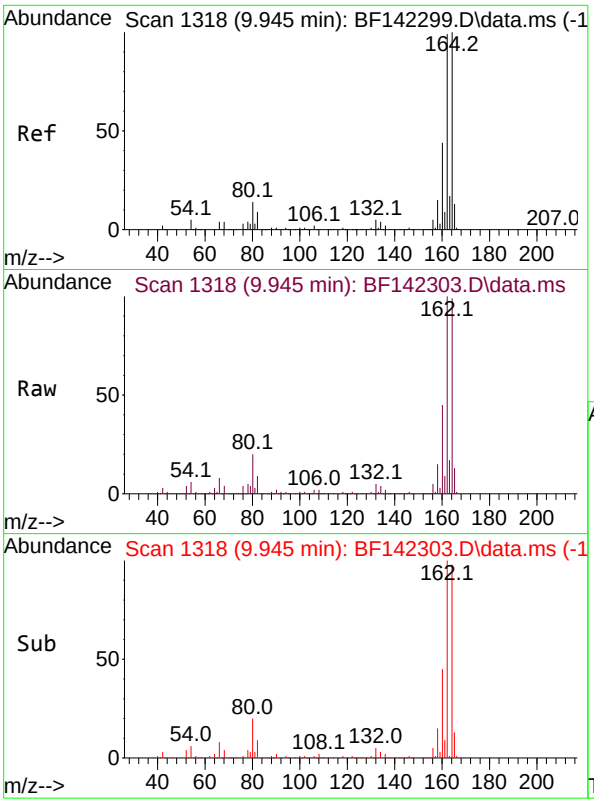


#38
1-Methylnaphthalene
Concen: 37.522 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:142 Resp: 1052686

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7

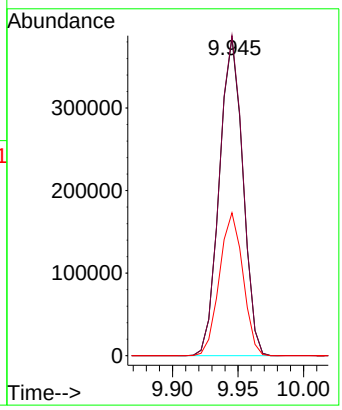




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:164 Resp: 47887

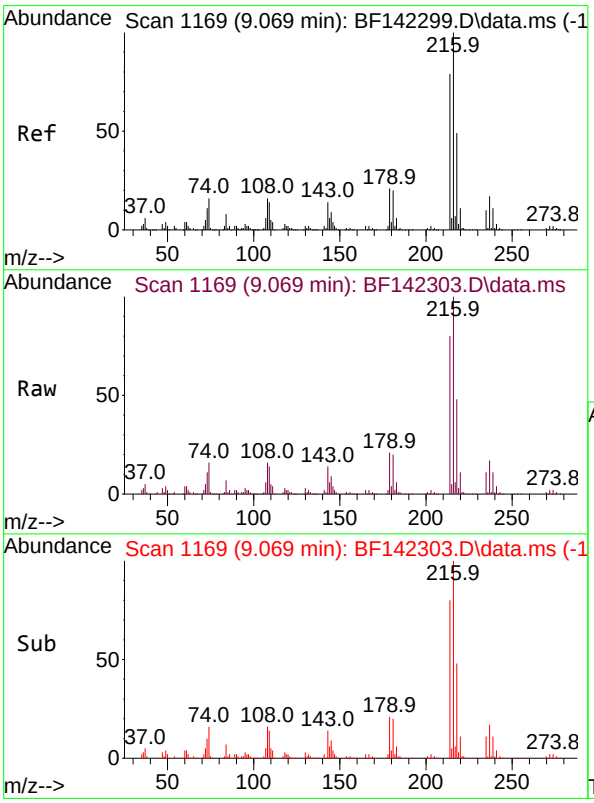
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.2	118.8
160	45.0	35.3	52.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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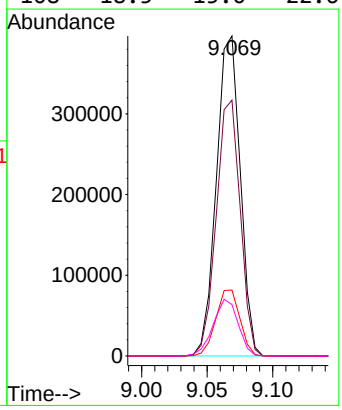
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

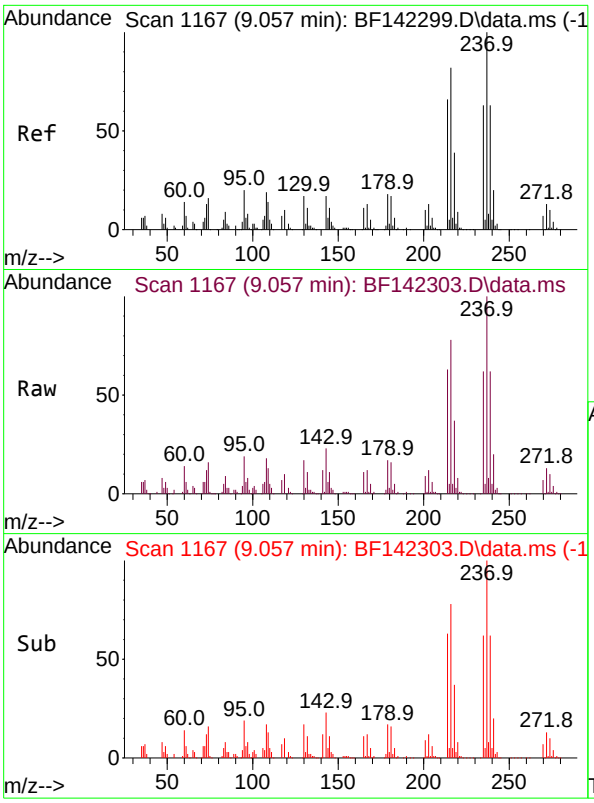


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.555 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:216 Resp: 502278

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	20.8	17.0	25.6
108	18.5	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 42.020 ng
RT: 9.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

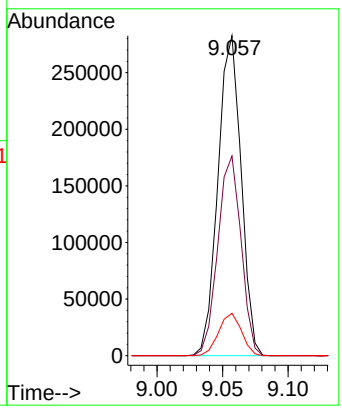
Instrument :
BNA_F
ClientSampleId :
ICVBF050525

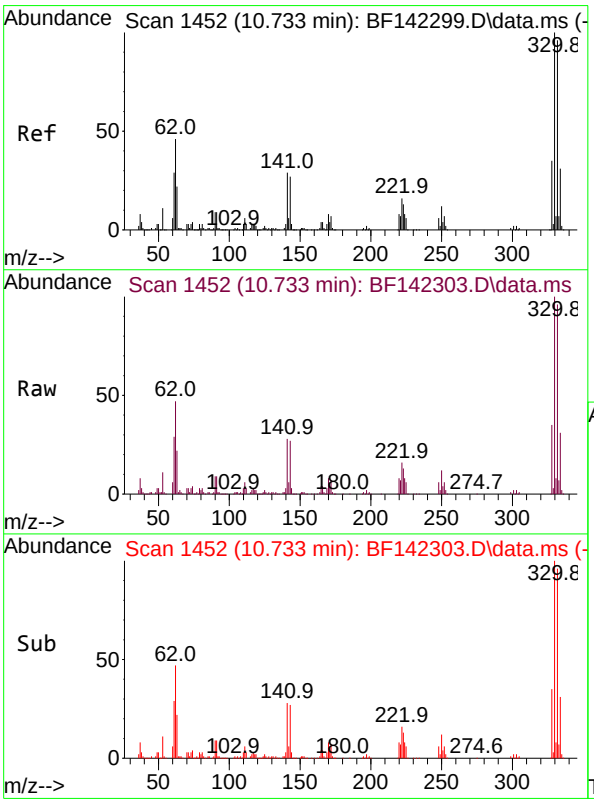
Tgt Ion:237 Resp: 34732

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	13.3	0.0	33.0

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

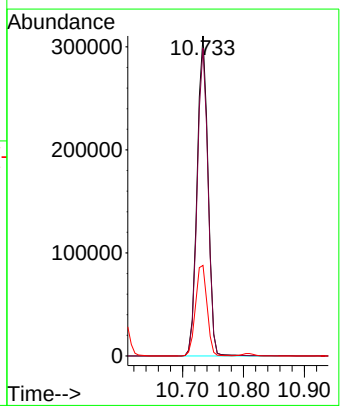


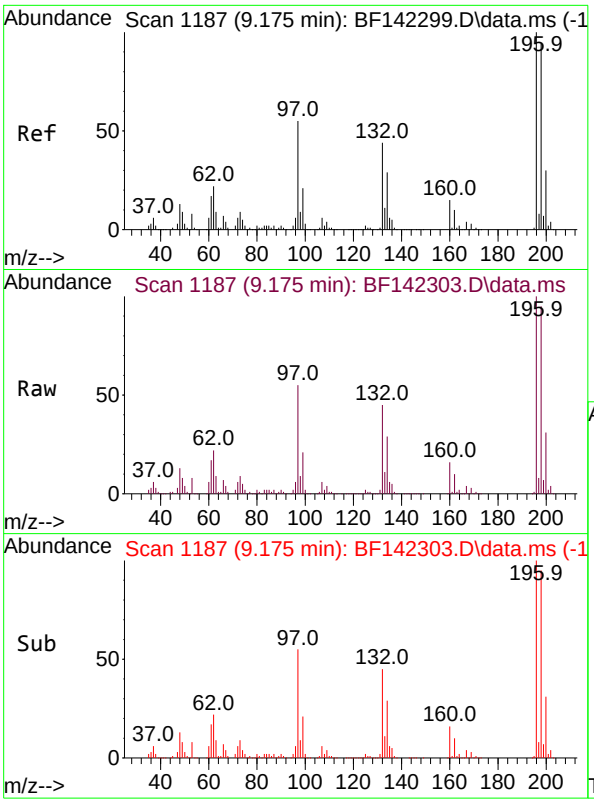


#42
2,4,6-Tribromophenol
Concen: 83.209 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:330 Resp: 384712

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	30.1	24.9	37.3

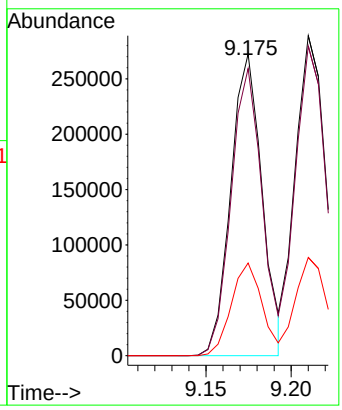




#43
2,4,6-Trichlorophenol
Concen: 41.212 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:196 Resp: 34767

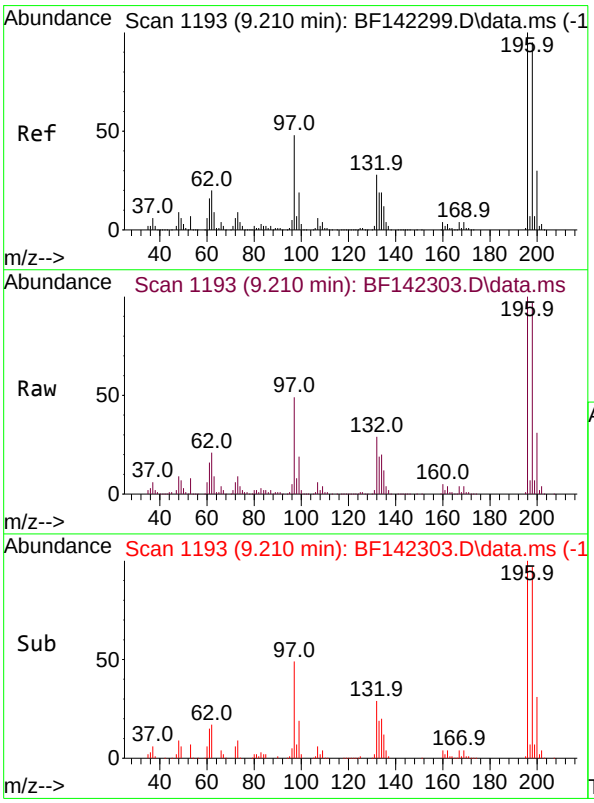
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.7	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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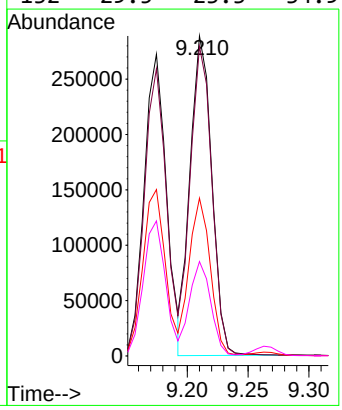
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

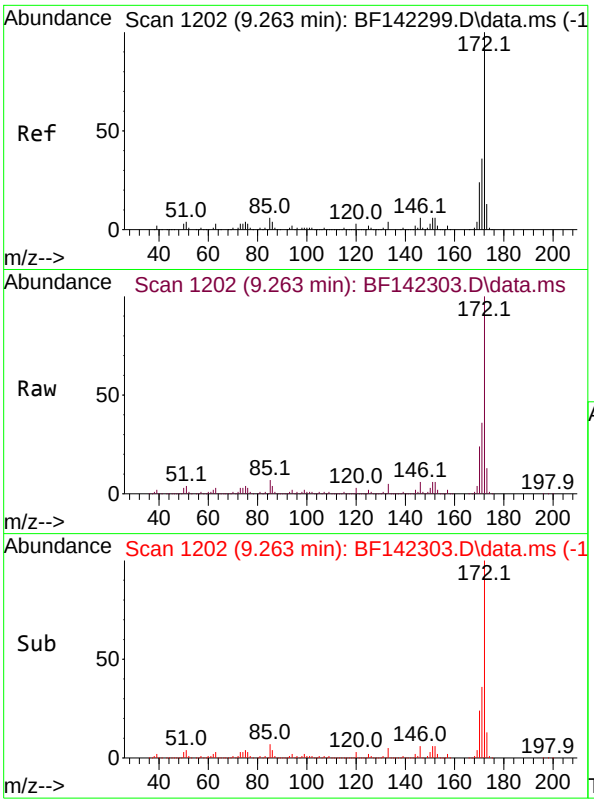


#44
2,4,5-Trichlorophenol
Concen: 39.886 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:196 Resp: 358022

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.1	114.1
97	49.3	39.0	58.4
132	29.5	23.3	34.9

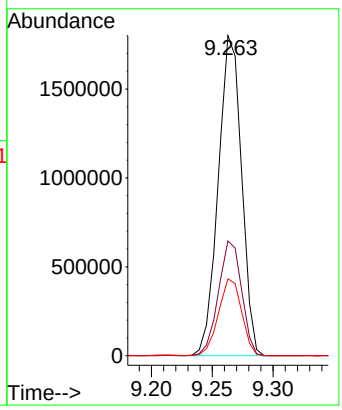




#45
2-Fluorobiphenyl
Concen: 71.371 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:172 Resp: 239696

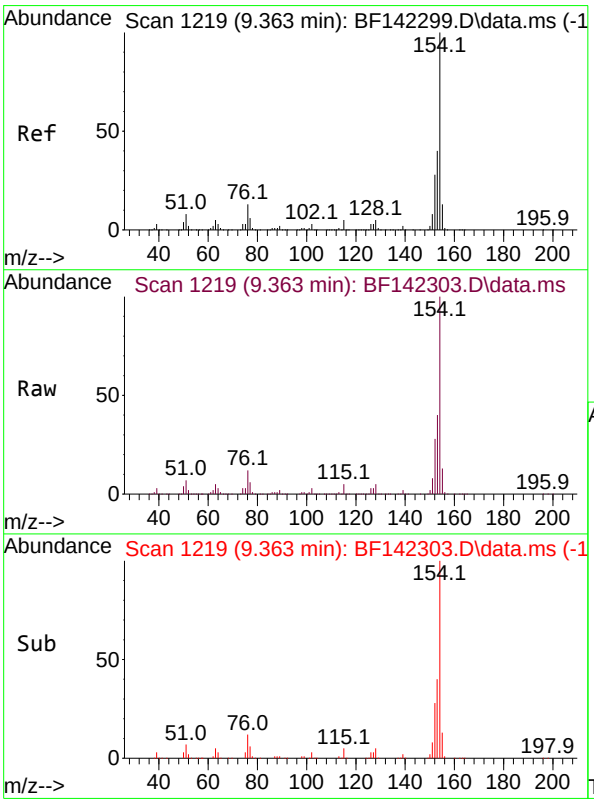
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.0	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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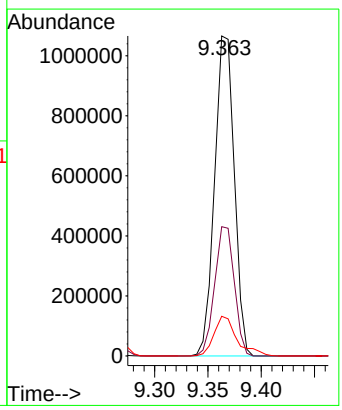
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

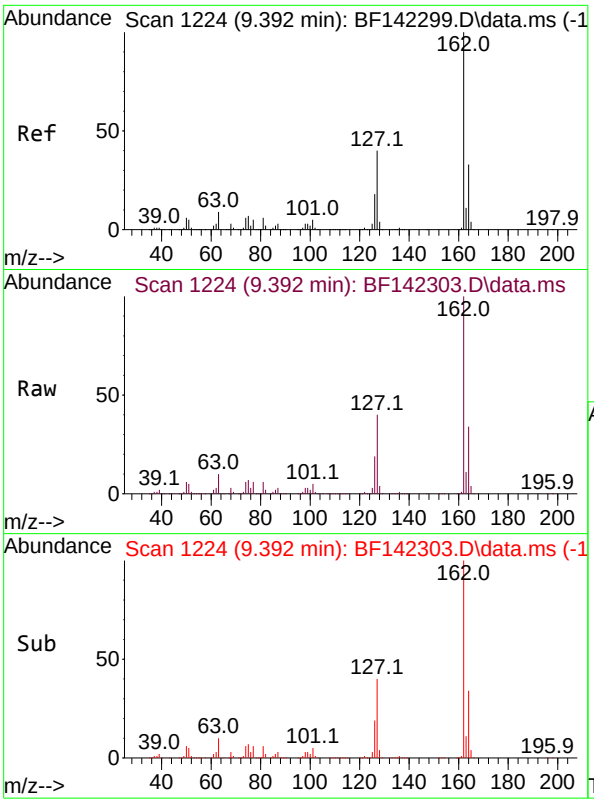


#46
1,1'-Biphenyl
Concen: 37.283 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:154 Resp: 1368945

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	12.4	0.0	32.8

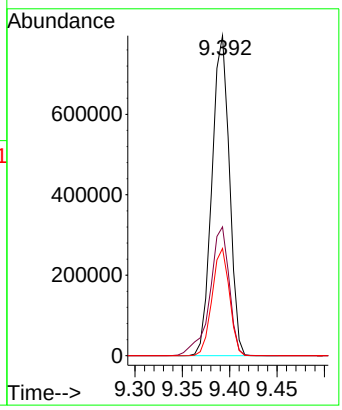




#47
2-Chloronaphthalene
Concen: 37.323 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:162 Resp: 101913

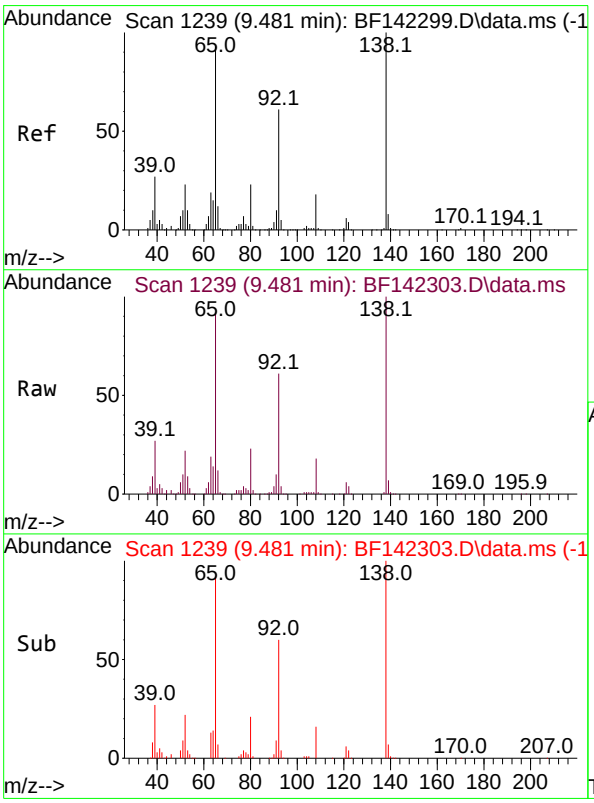
Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.3	48.5
164	33.5	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

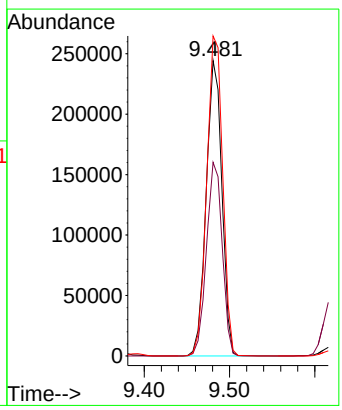
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

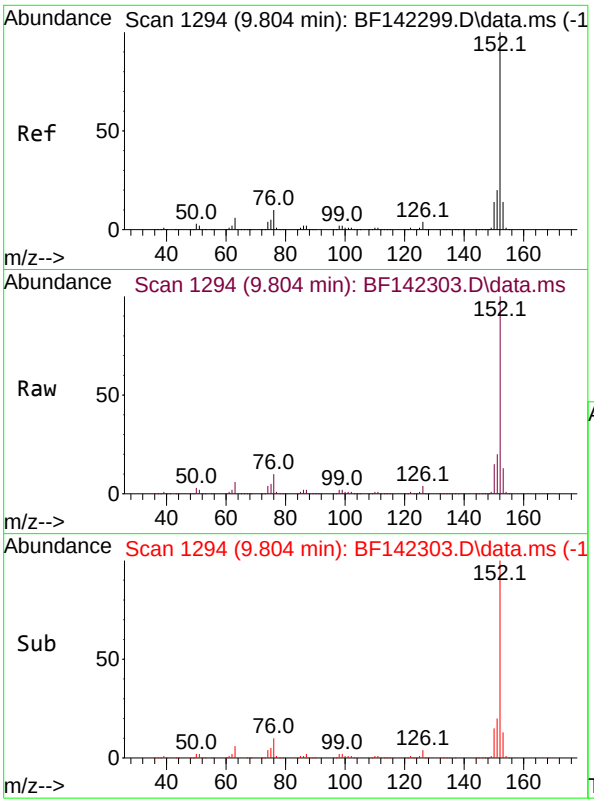


#48
2-Nitroaniline
Concen: 44.681 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 65 Resp: 312727

Ion	Ratio	Lower	Upper
65	100		
92	65.6	52.3	78.5
138	108.3	85.6	128.4

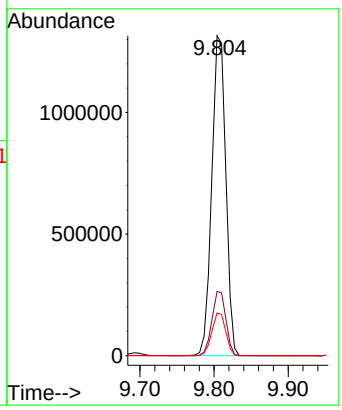




#49
Acenaphthylene
Concen: 37.833 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:152 Resp: 172816

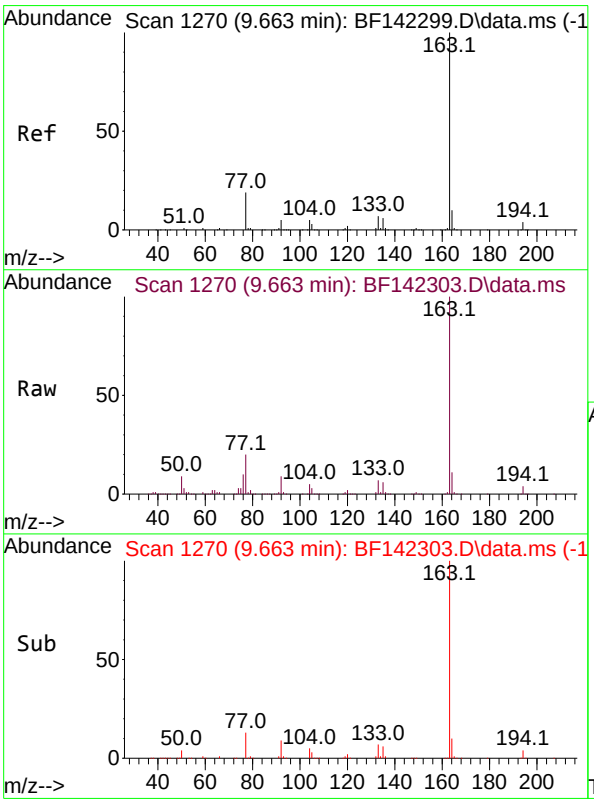
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

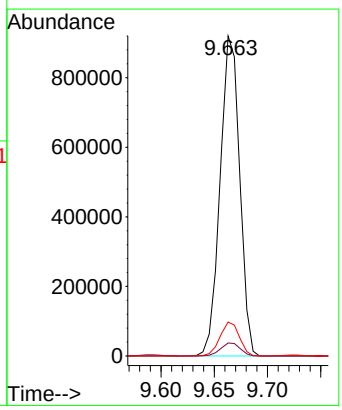
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

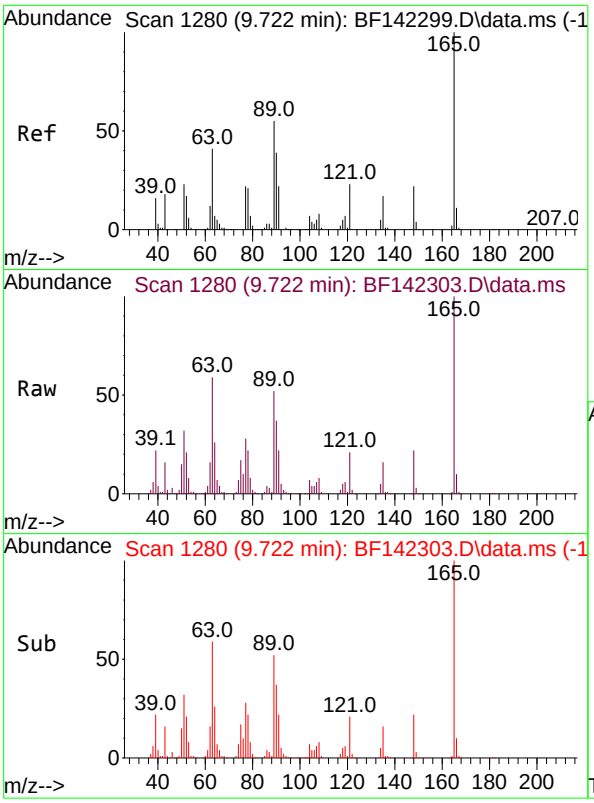


#50
Dimethylphthalate
Concen: 38.154 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:163 Resp: 1173252

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 44.788 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

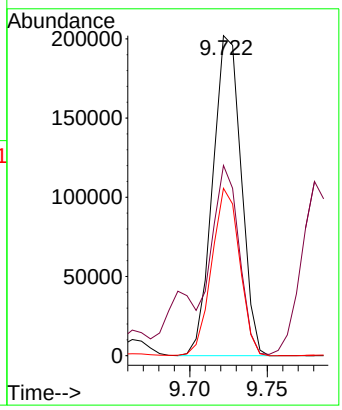
Tgt Ion:165 Resp: 25779

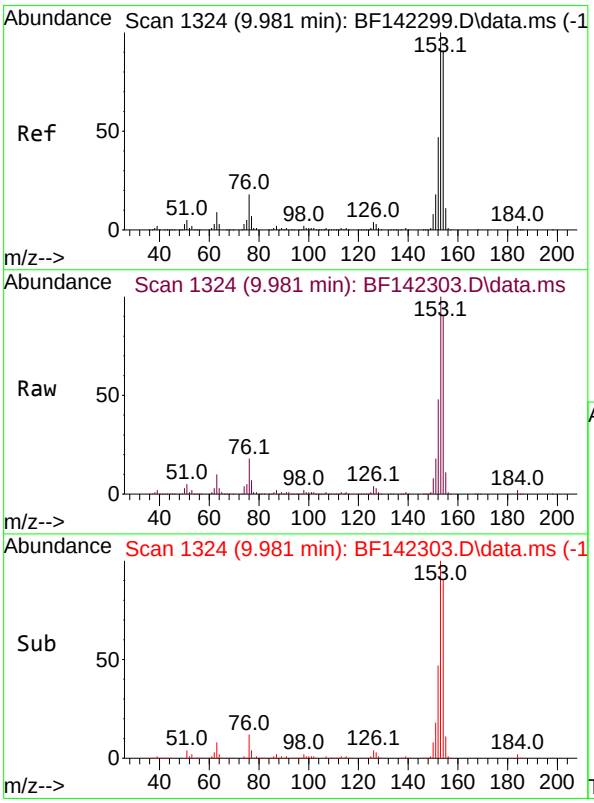
Ion	Ratio	Lower	Upper
165	100		
63	59.5	49.5	74.3
89	52.3	44.6	66.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

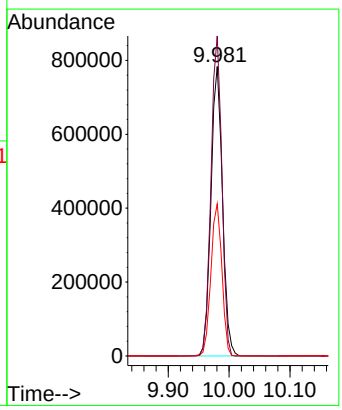


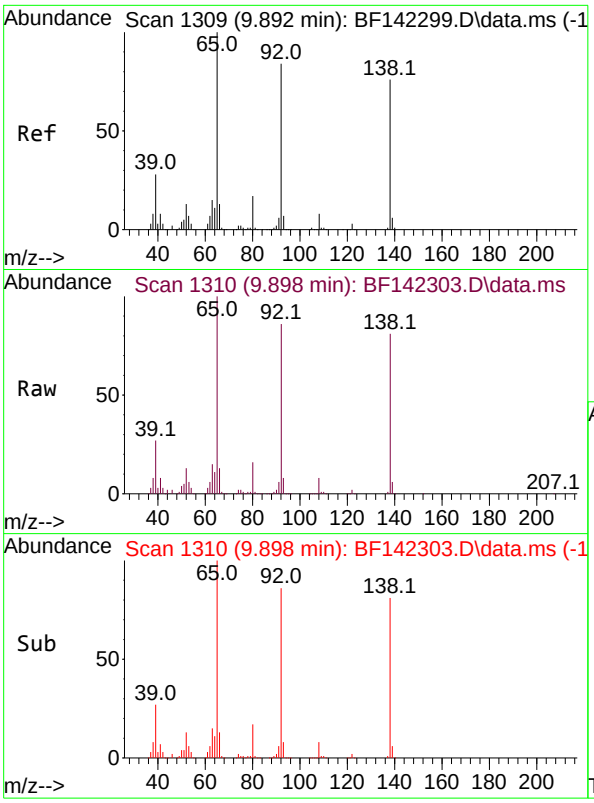


#52
Acenaphthene
Concen: 37.495 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:154 Resp: 1029833

Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.0	132.0
152	52.6	41.6	62.4

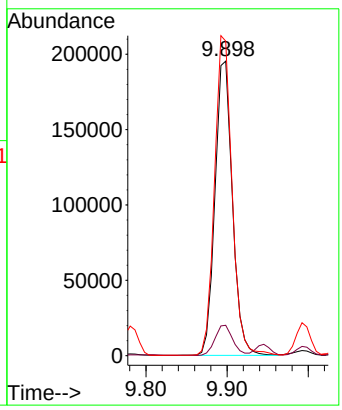




#53
3-Nitroaniline
Concen: 43.190 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:138 Resp: 29155

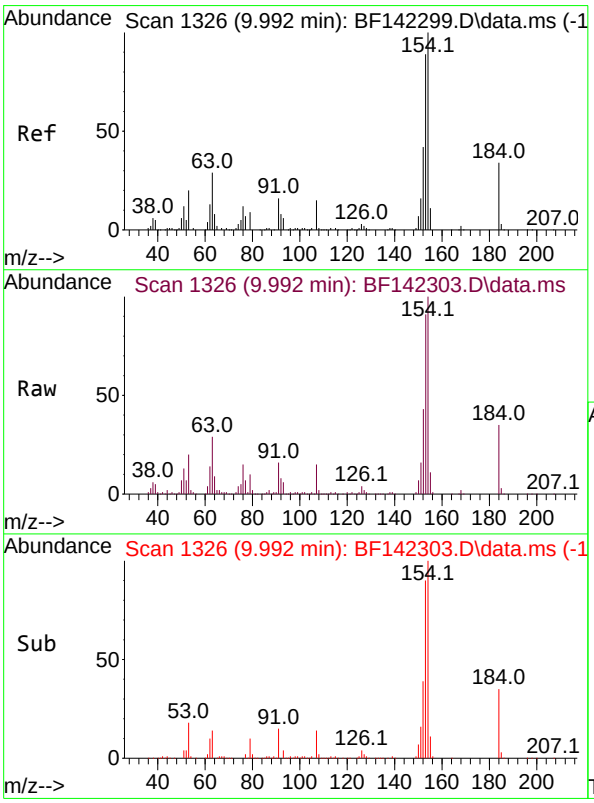
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	106.7	89.5	134.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

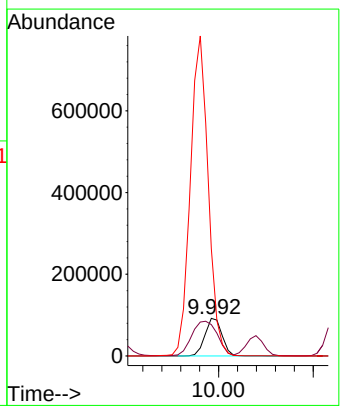
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

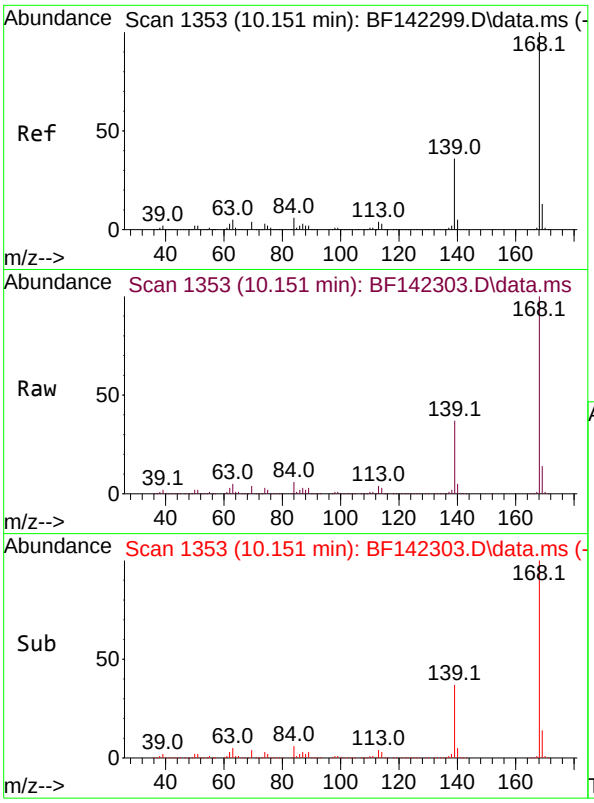


#54
2,4-Dinitrophenol
Concen: 42.149 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:184 Resp: 114850

Ion	Ratio	Lower	Upper
184	100		
63	83.6	70.6	105.8
154	285.8	257.2	385.8

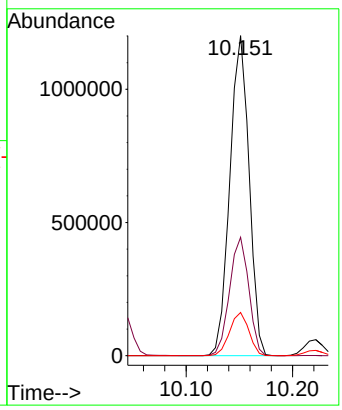




#55
Dibenzofuran
Concen: 37.158 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:168 Resp: 150618

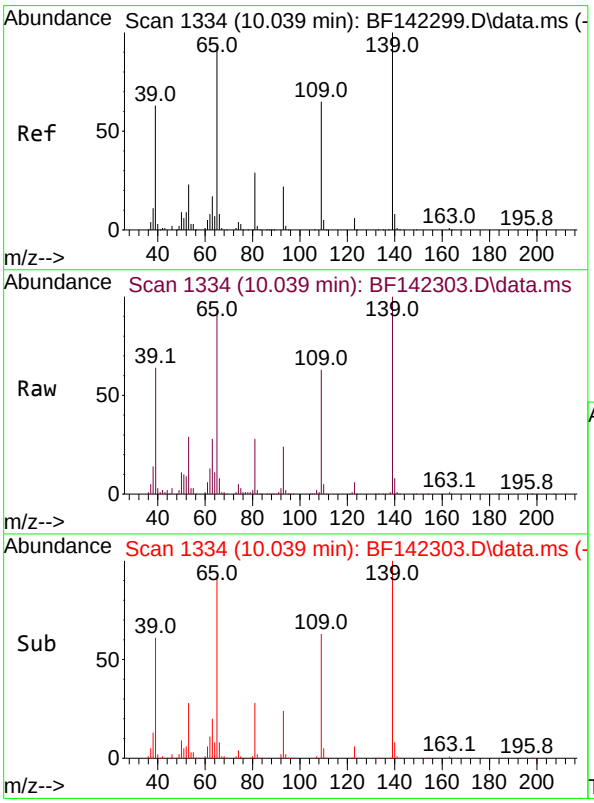
Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

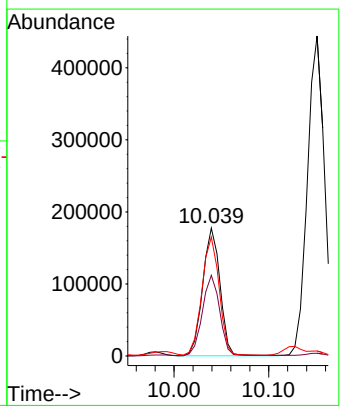
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

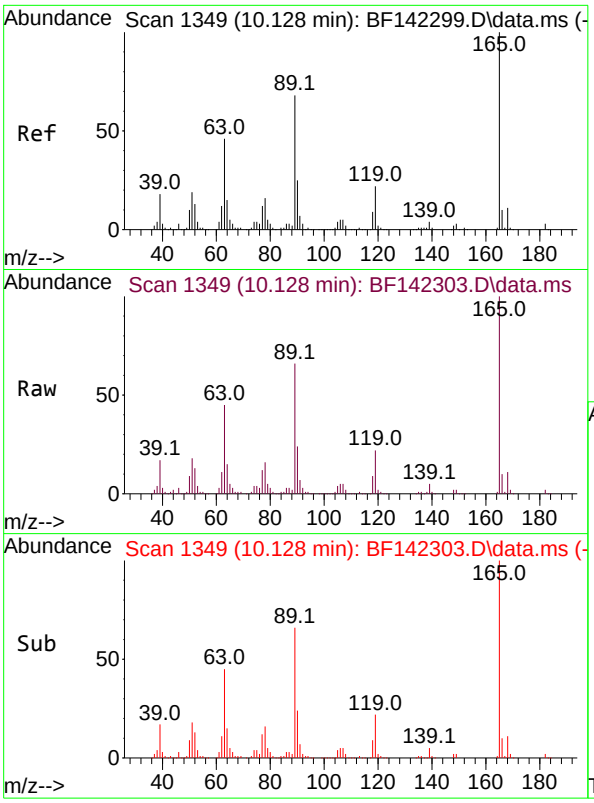


#56
4-Nitrophenol
Concen: 44.381 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:139 Resp: 225481

Ion	Ratio	Lower	Upper
139	100		
109	63.1	45.3	85.3
65	93.0	73.9	113.9

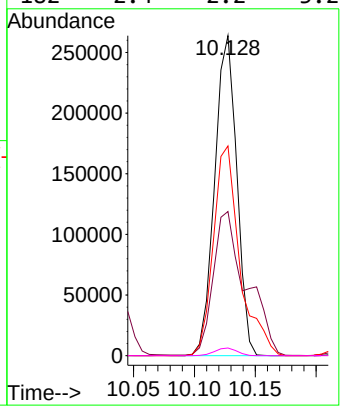




#57
2,4-Dinitrotoluene
Concen: 45.248 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:165 Resp: 33407

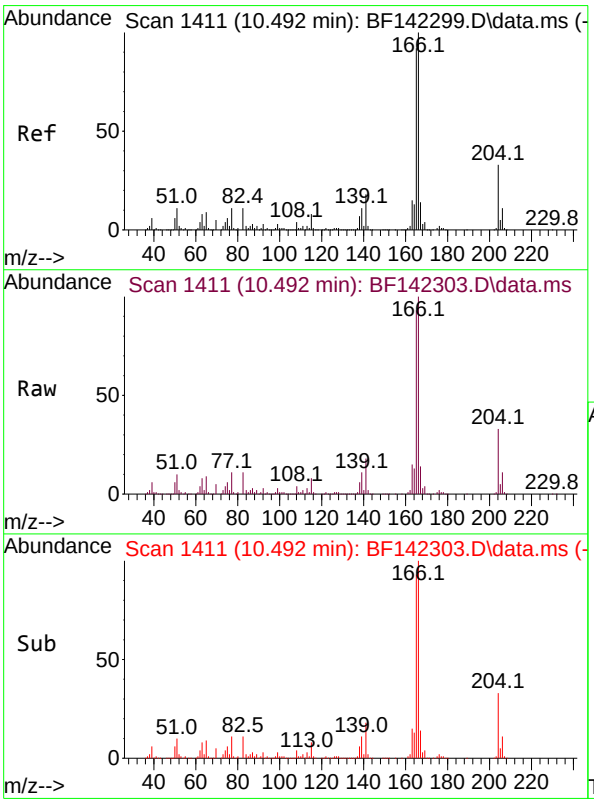
Ion	Ratio	Lower	Upper
165	100		
63	45.0	37.1	55.7
89	65.5	54.4	81.6
182	2.4	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

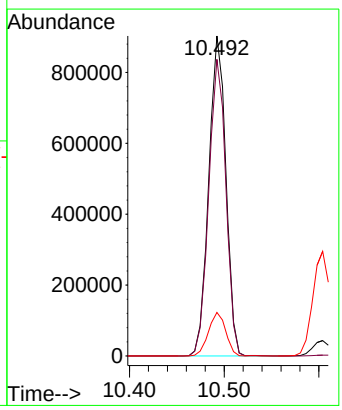
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

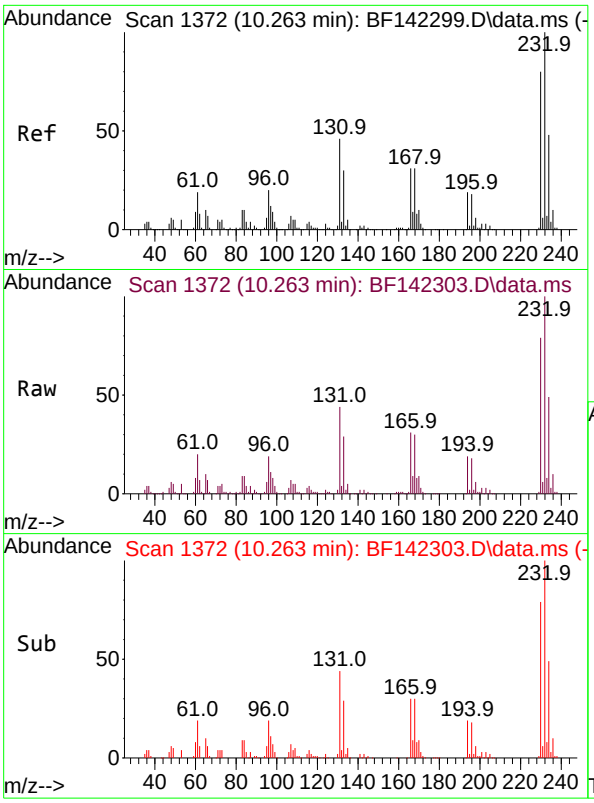


#58
Fluorene
Concen: 36.712 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:166 Resp: 1135685

Ion	Ratio	Lower	Upper
166	100		
165	92.7	74.0	111.0
167	13.6	10.9	16.3

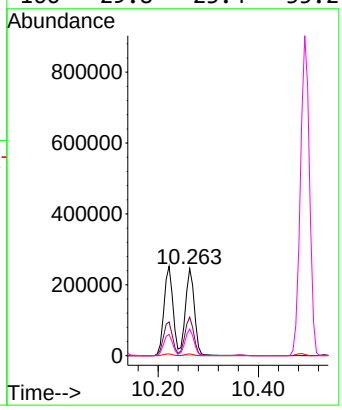




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.630 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:232 Resp: 30847

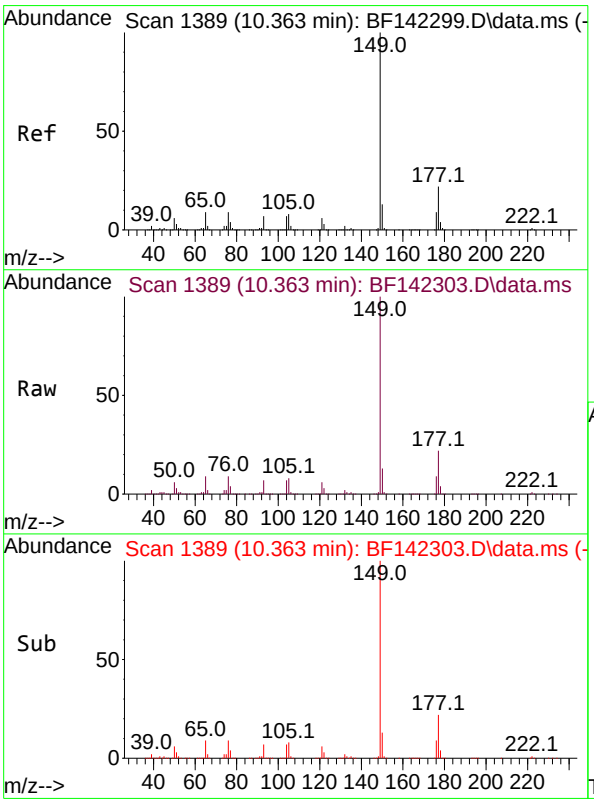
Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.0	54.0
130	2.0	1.8	2.6
166	29.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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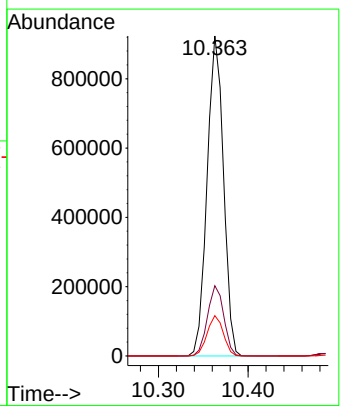
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

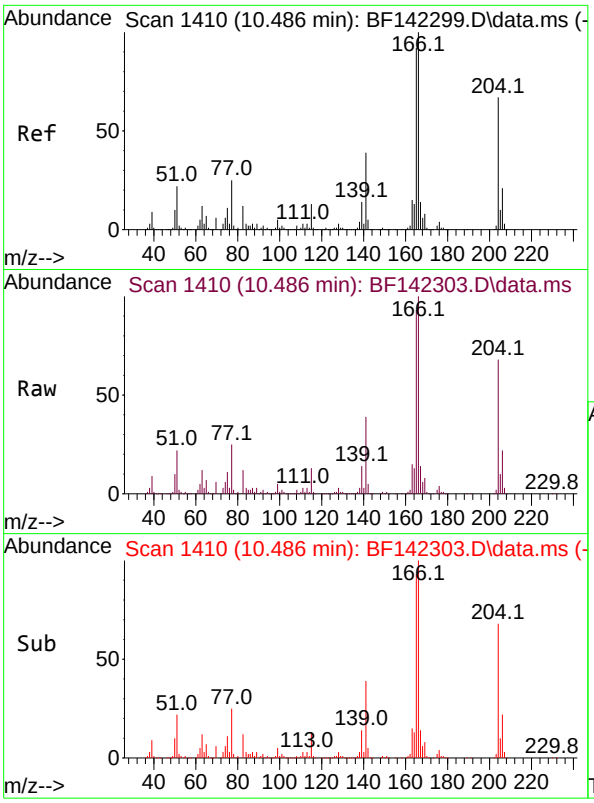


#60
Diethylphthalate
Concen: 38.064 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 1168902

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 36.826 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

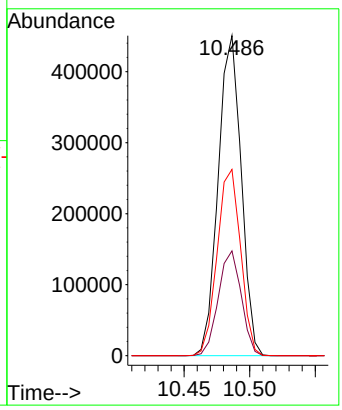
Tgt Ion:204 Resp: 54961(

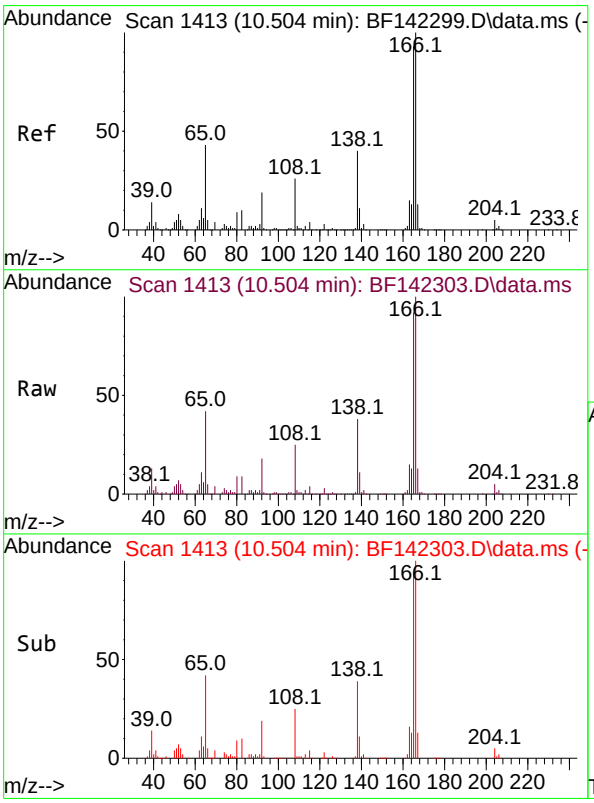
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.5	38.3
141	58.2	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

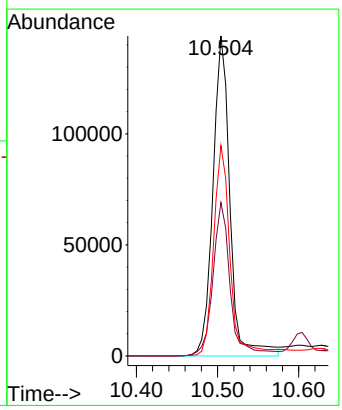


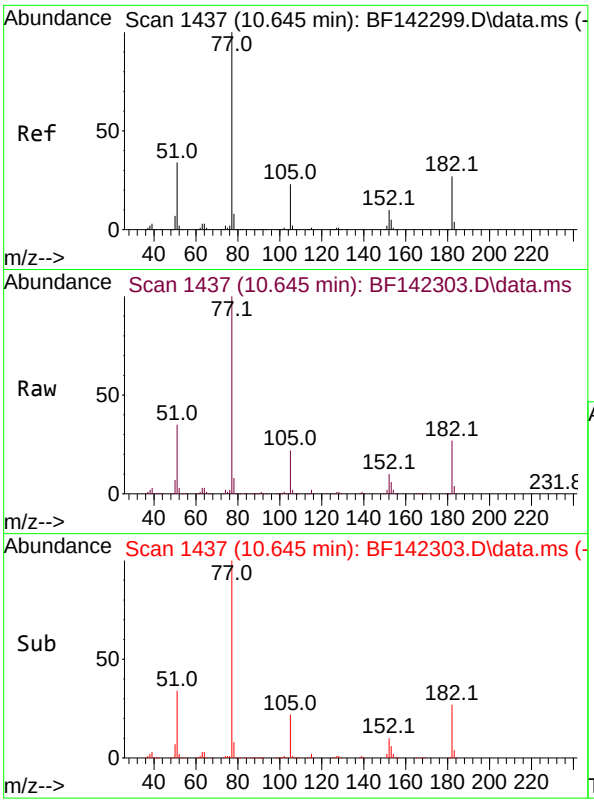


#62
4-Nitroaniline
Concen: 39.327 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:138 Resp: 210408

Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.3	67.3
108	65.8	45.1	85.1

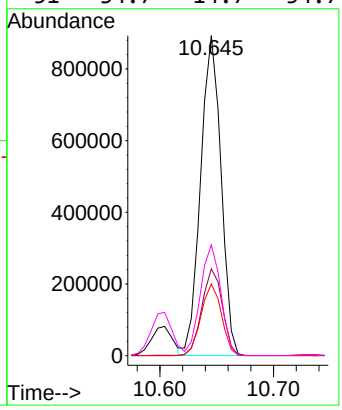




#63
Azobenzene
Concen: 37.908 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion: 77 Resp: 111239

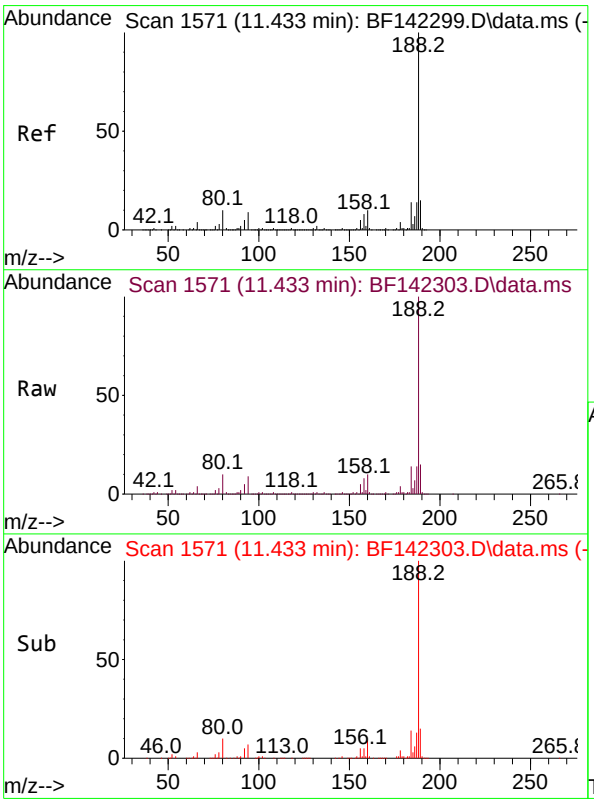
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.9	46.9
105	22.4	2.7	42.7
51	34.7	14.7	54.7



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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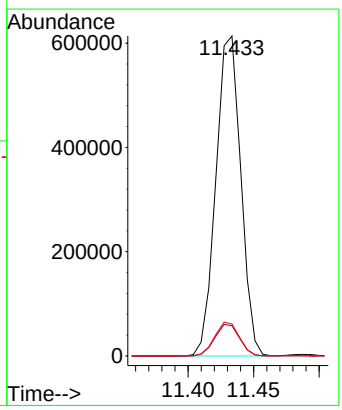
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

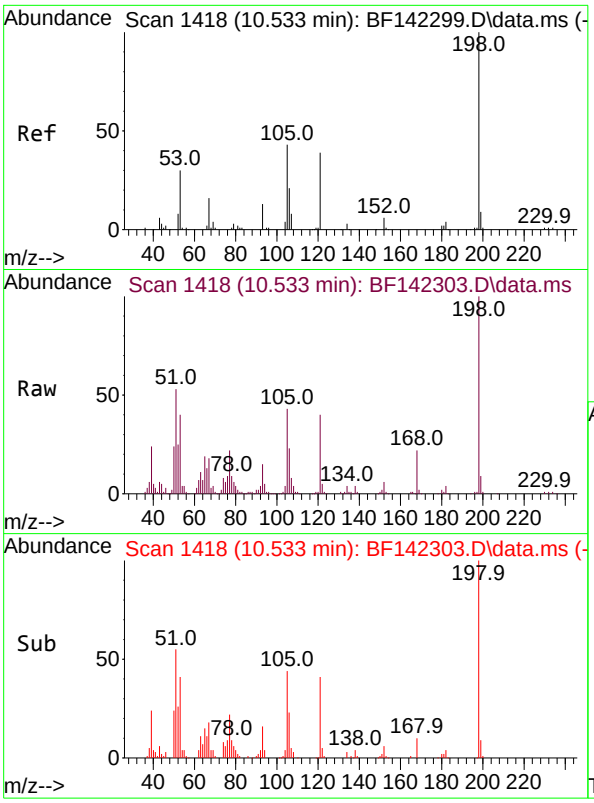


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:188 Resp: 810843

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 41.574 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

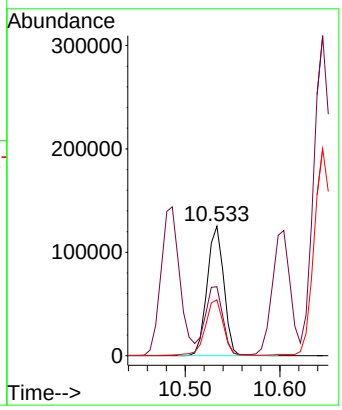
Tgt Ion:198 Resp: 15286

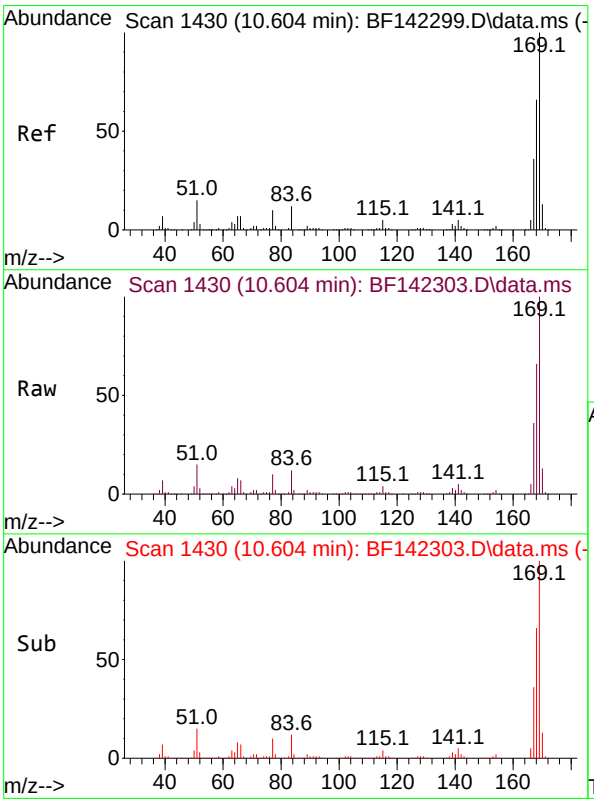
Ion	Ratio	Lower	Upper
198	100		
51	53.3	32.9	72.9
105	43.1	23.7	63.7

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

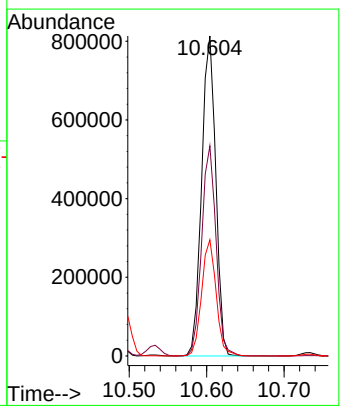


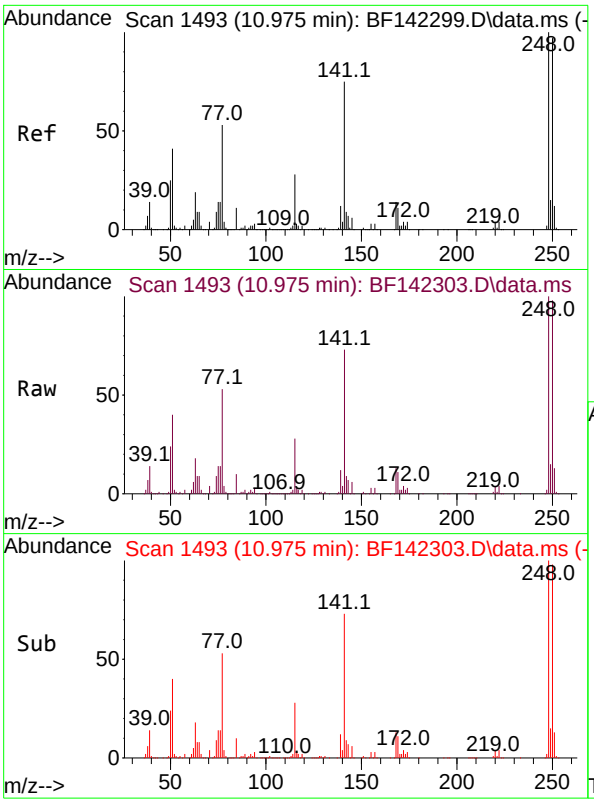


#66
n-Nitrosodiphenylamine
Concen: 38.096 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:169 Resp: 1027891

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.2	79.8
167	36.3	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 38.308 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

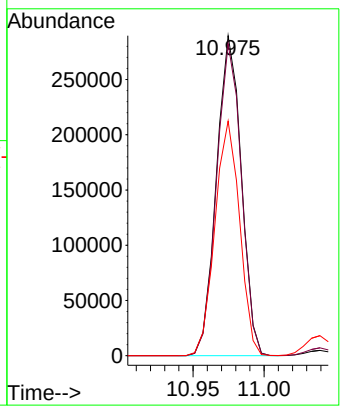
Tgt Ion:248 Resp: 35203

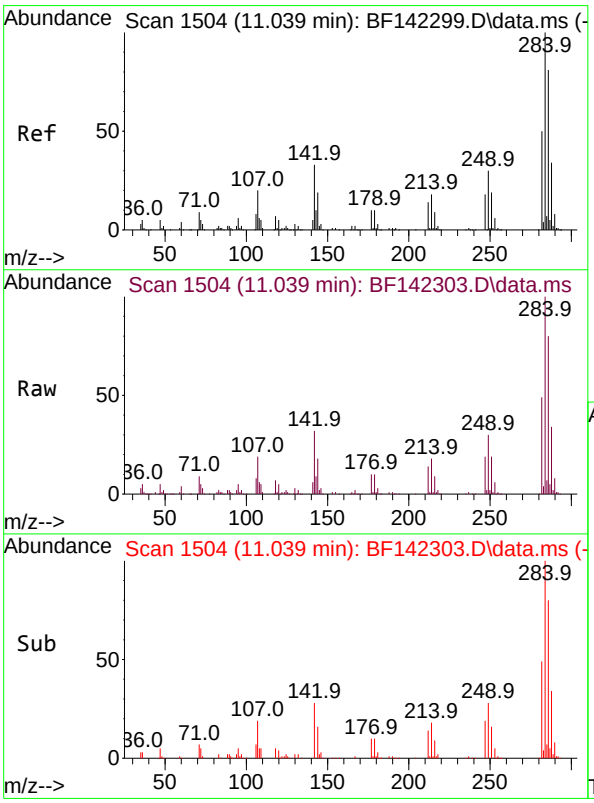
Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	73.3	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
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Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

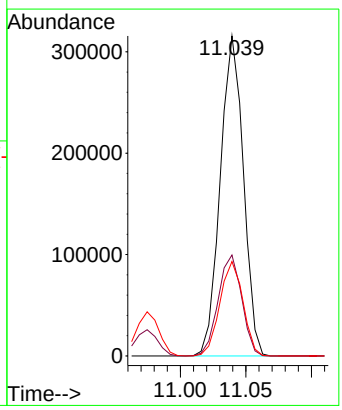


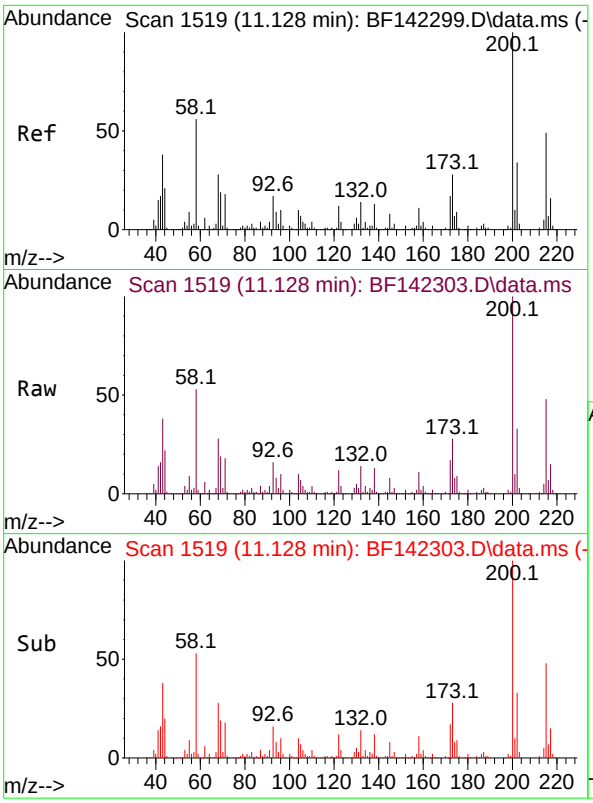


#68
Hexachlorobenzene
Concen: 38.273 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:284 Resp: 386876

Ion	Ratio	Lower	Upper
284	100		
142	31.5	26.6	39.8
249	29.5	24.1	36.1

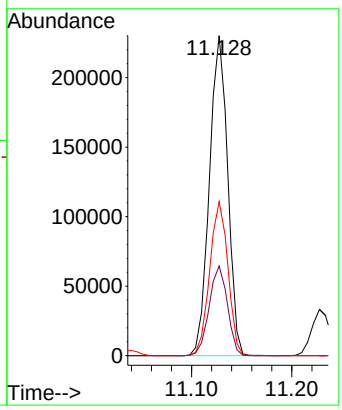




#69
Atrazine
Concen: 41.032 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:200 Resp: 29183

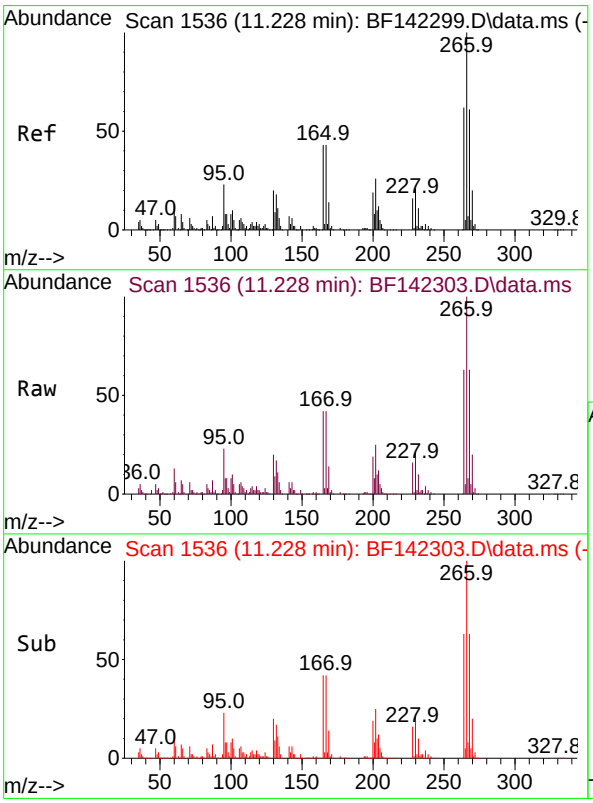
Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.1	48.1
215	48.2	28.8	68.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

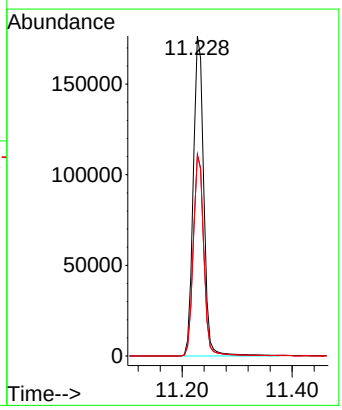
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

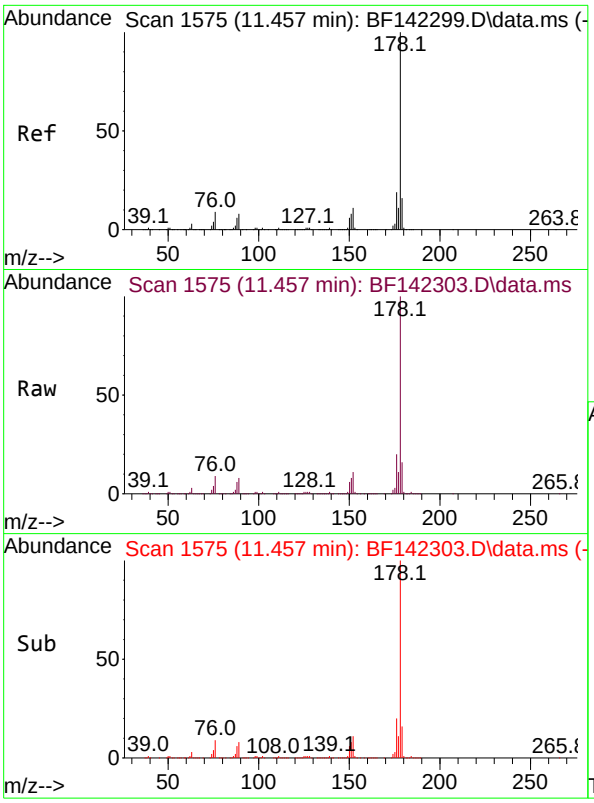


#70
Pentachlorophenol
Concen: 43.855 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:266 Resp: 233208

Ion	Ratio	Lower	Upper
266	100		
268	62.9	48.7	73.1
264	62.9	49.8	74.6

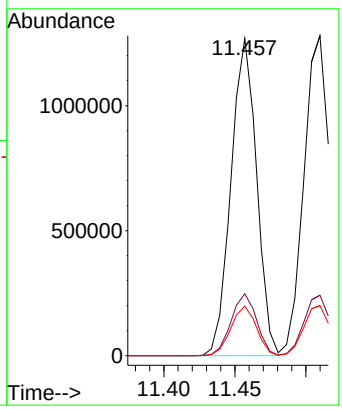




#71
Phenanthrene
Concen: 37.441 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:178 Resp: 159131

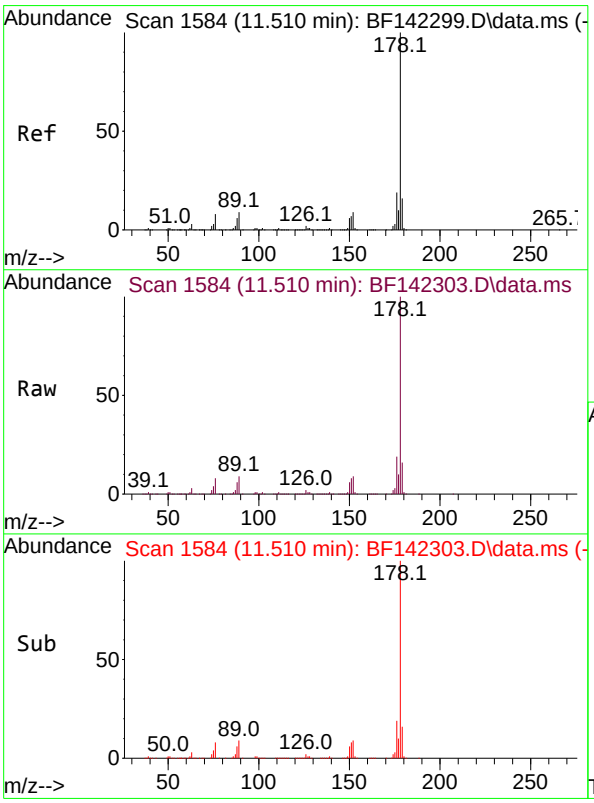
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

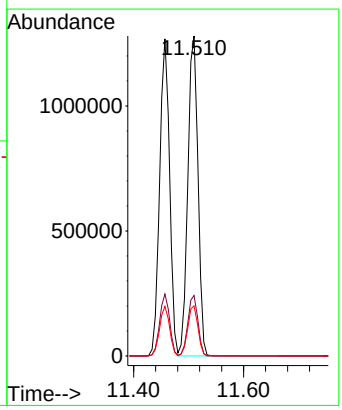
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

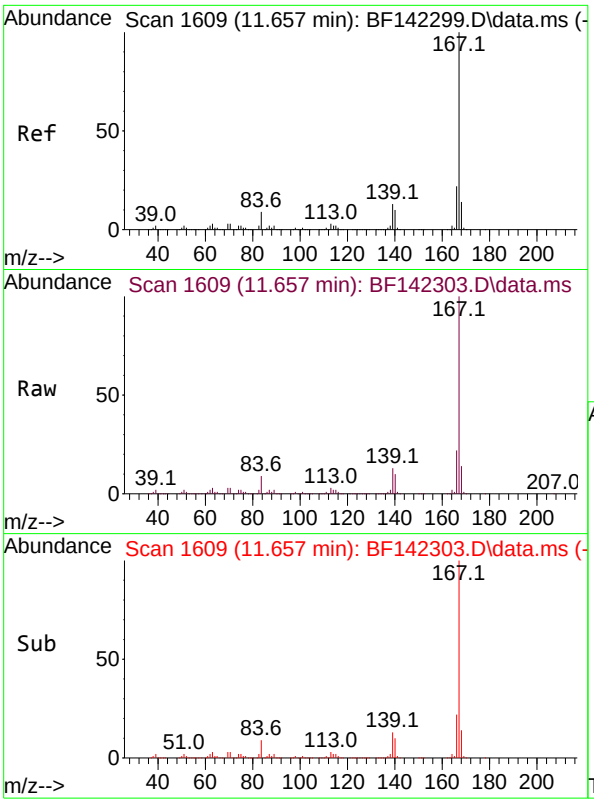


#72
Anthracene
Concen: 37.410 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:178 Resp: 1633756

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	18.8

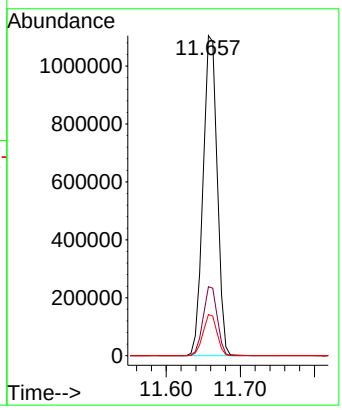




#73
Carbazole
Concen: 37.428 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:167 Resp: 146643

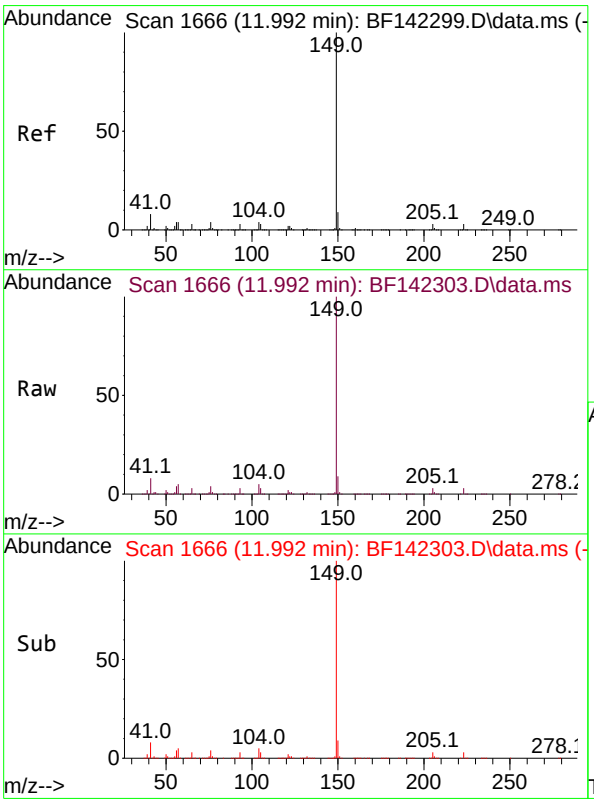
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

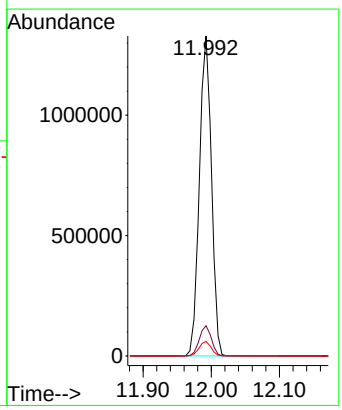
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

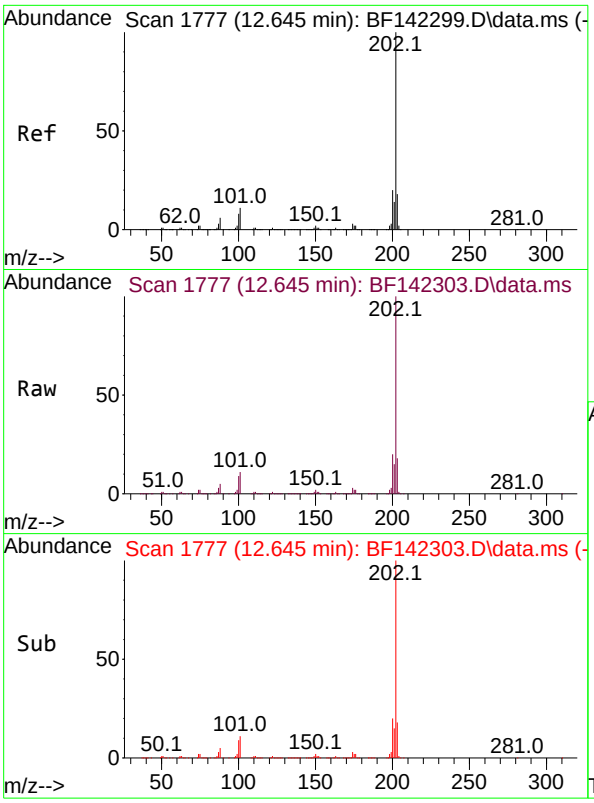


#74
Di-n-butylphthalate
Concen: 39.694 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 1635344

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.5	3.6	5.4

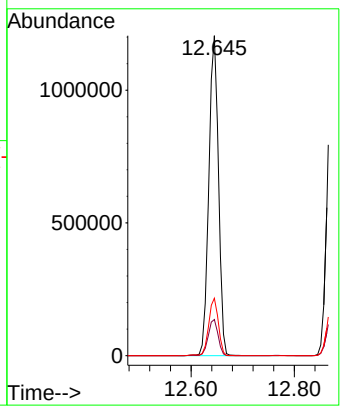




#75
Fluoranthene
Concen: 36.731 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:202 Resp: 156055

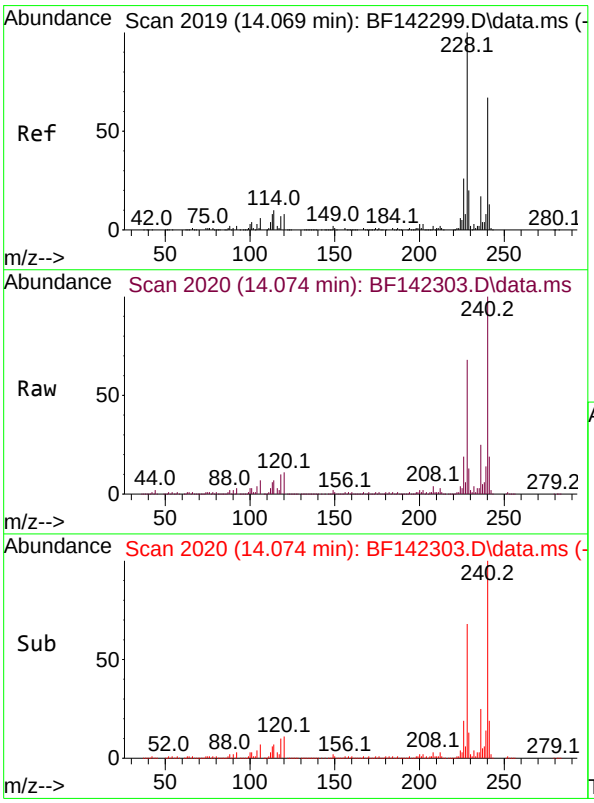
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	18.0	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

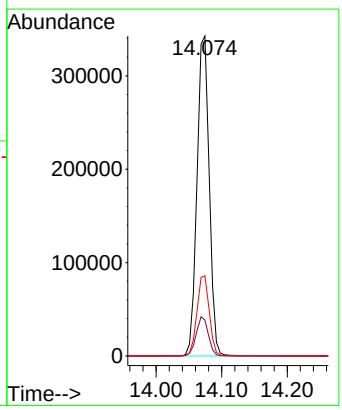
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

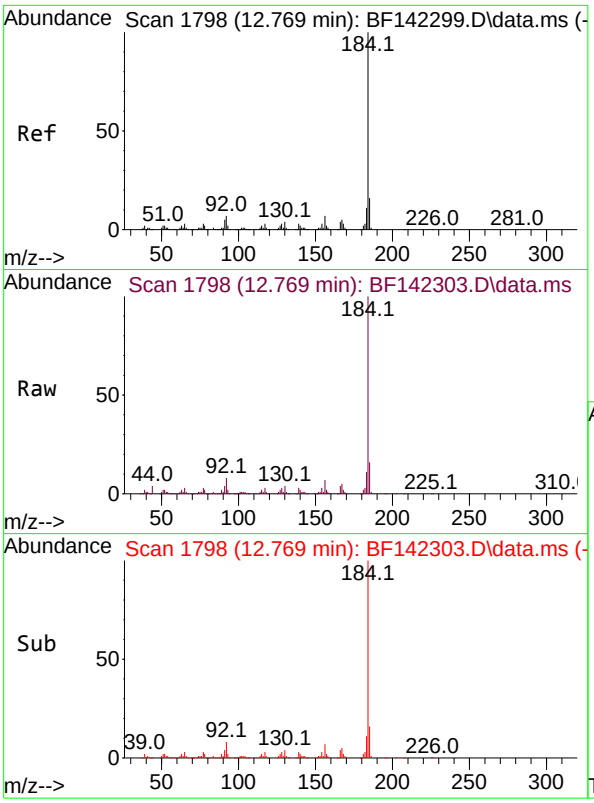


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:240 Resp: 446151

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	25.1	20.0	30.0

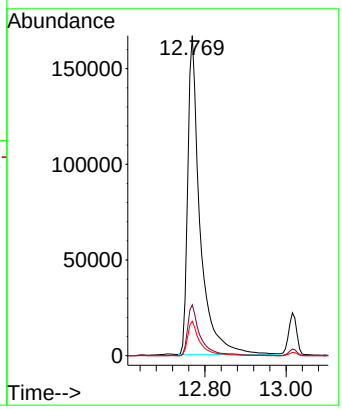




#77
Benzidine
Concen: 43.136 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:184 Resp: 34974

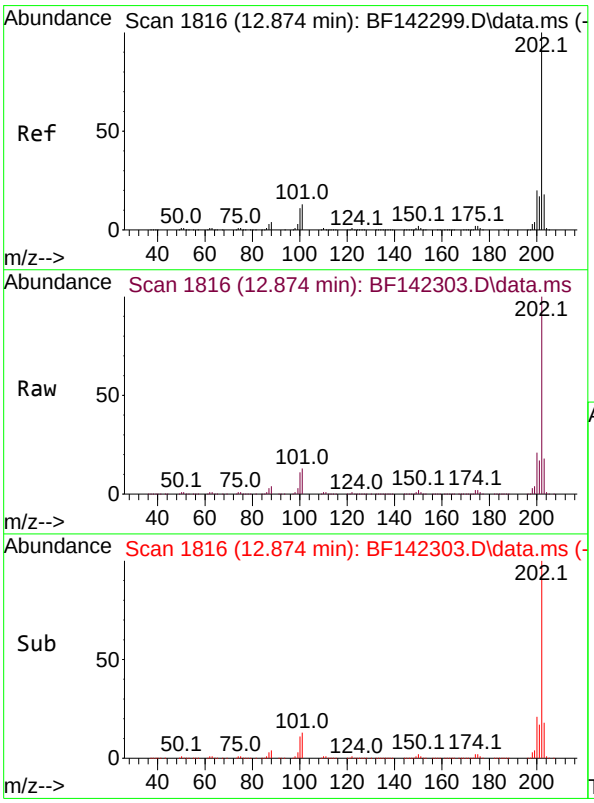
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	10.8	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

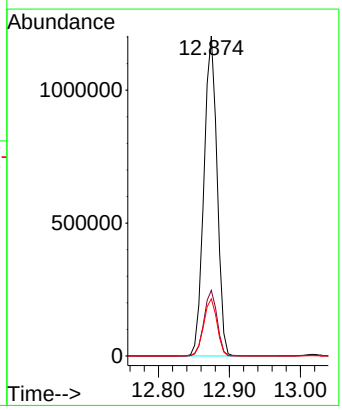
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

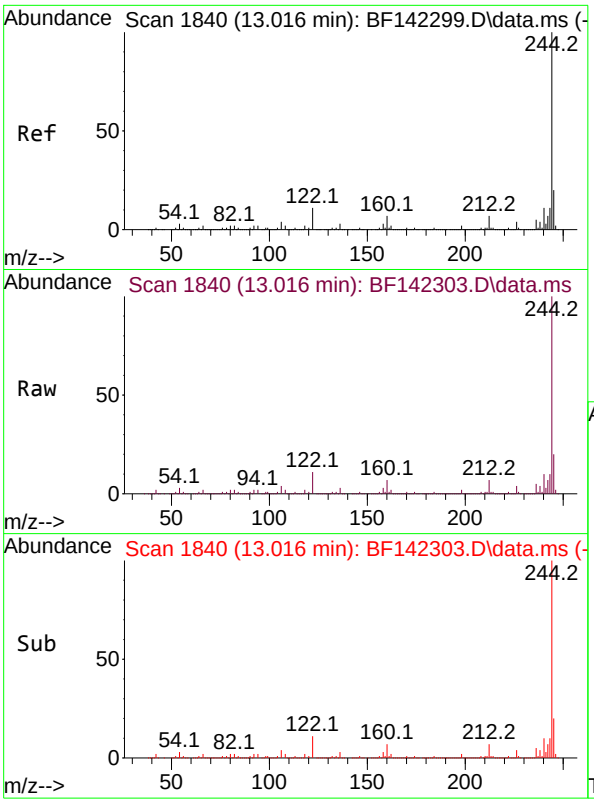


#78
Pyrene
Concen: 39.120 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:202 Resp: 1553540

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.9	14.3	21.5

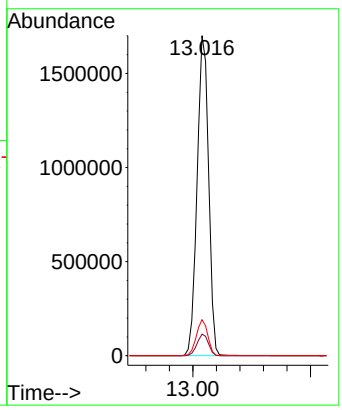




#79
Terphenyl-d14
Concen: 76.366 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:244 Resp: 230192

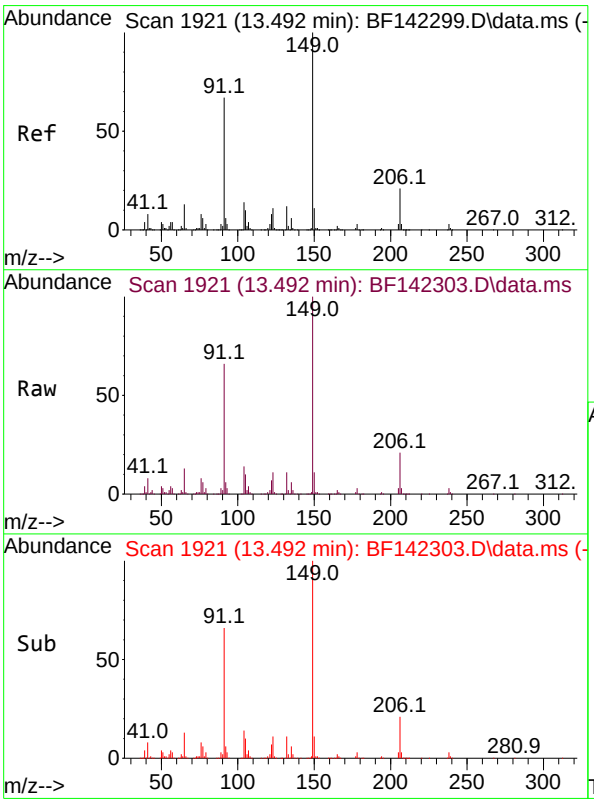
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.3	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

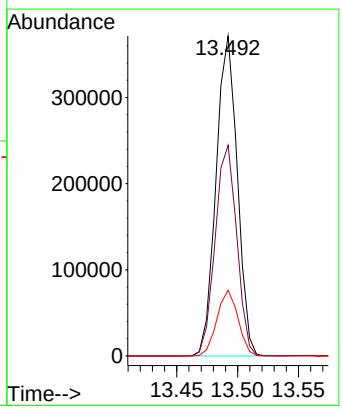
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

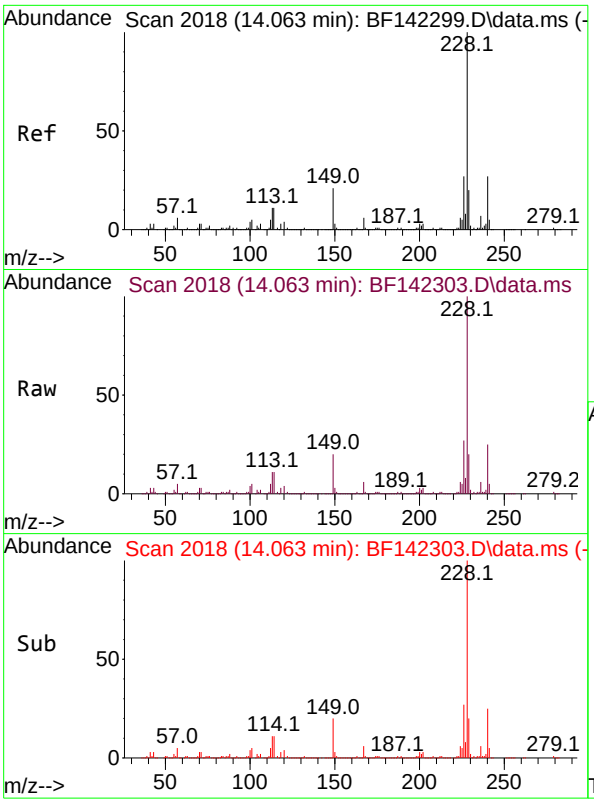


#80
Butylbenzylphthalate
Concen: 39.681 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 451916

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.8	80.6
206	20.5	16.6	24.8

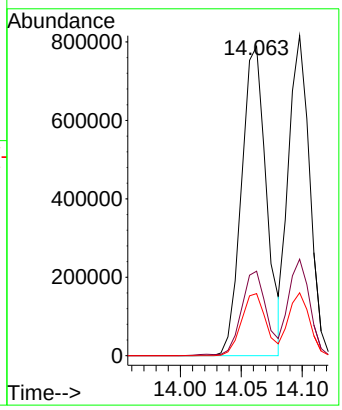




#81
Benzo(a)anthracene
Concen: 38.827 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:228 Resp: 112183

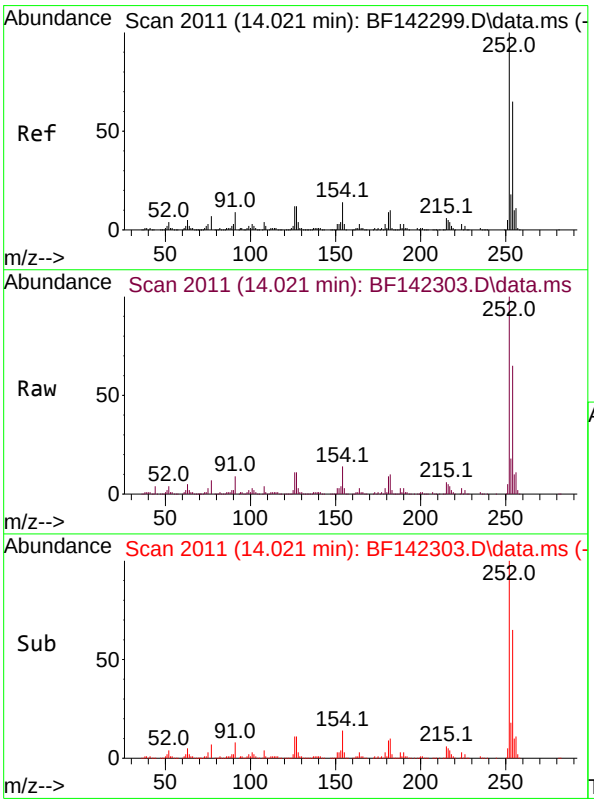
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.0	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

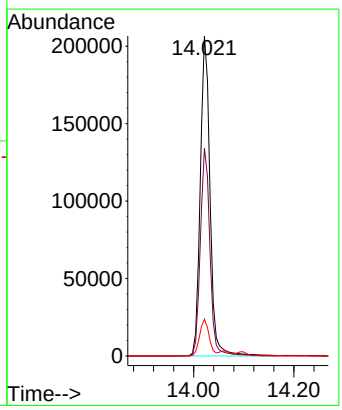
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

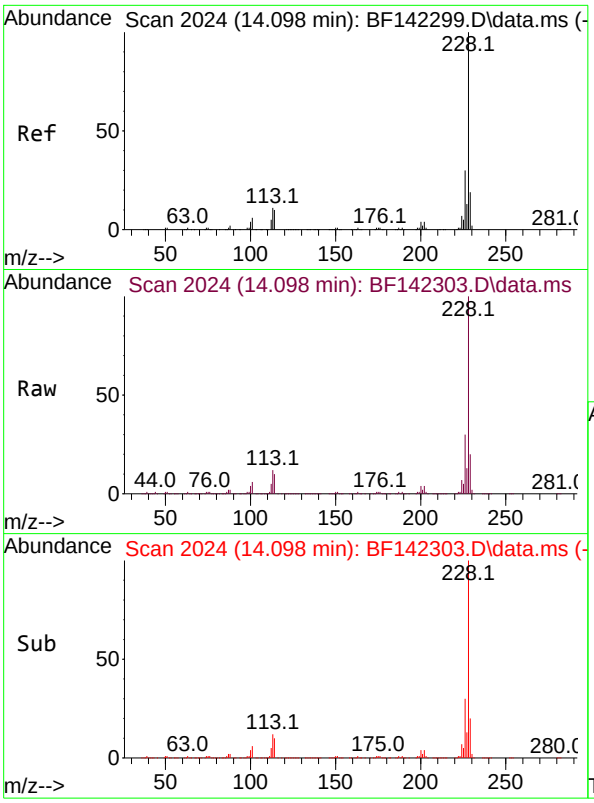


#82
3,3'-Dichlorobenzidine
Concen: 41.464 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 278603

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	11.5	9.7	14.5

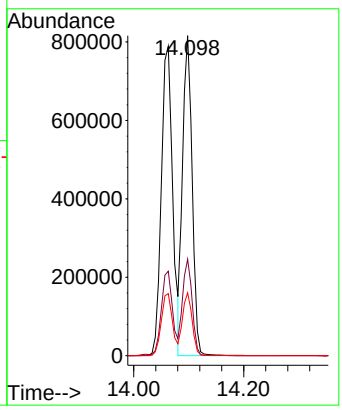




#83
Chrysene
Concen: 36.701 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:228 Resp: 98717(

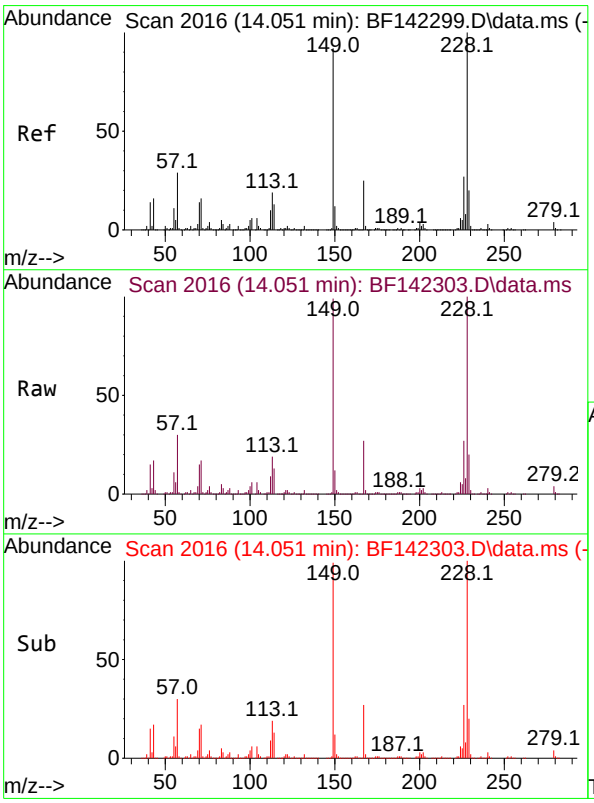
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

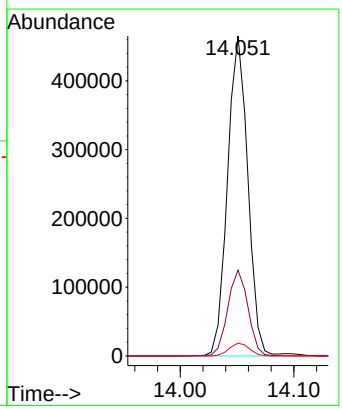
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

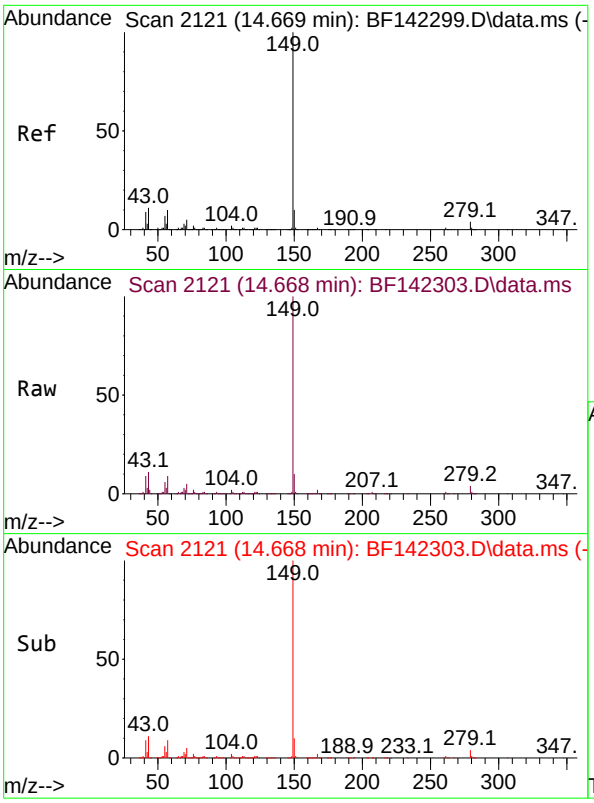


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.051 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:149 Resp: 576295

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.0	33.0
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 40.234 ng
RT: 14.668 min Scan# 2
Delta R.T. -0.001 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

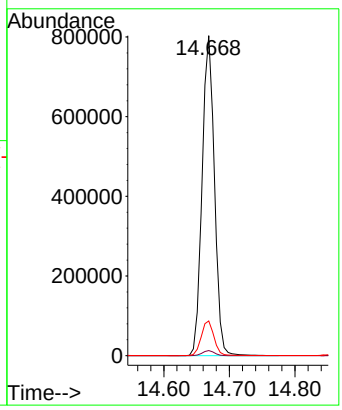
Tgt Ion:149 Resp: 105357

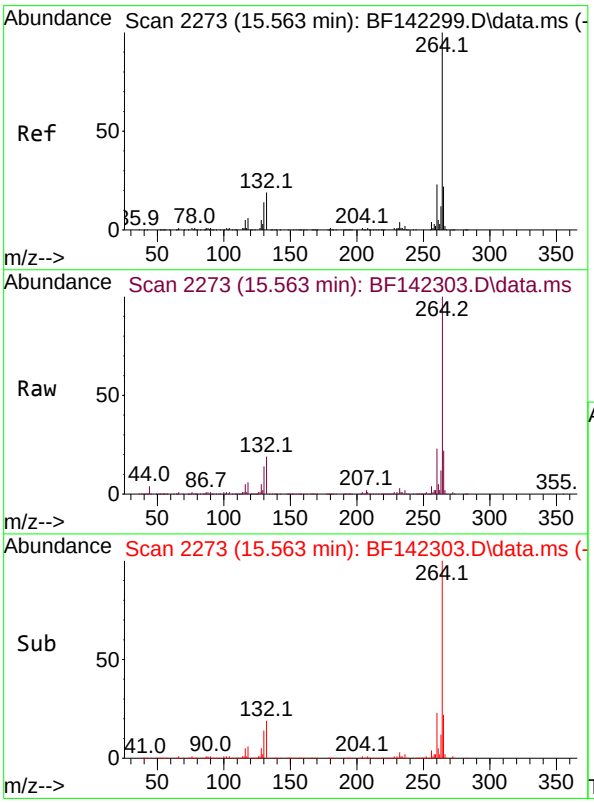
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.3	9.2	13.8

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

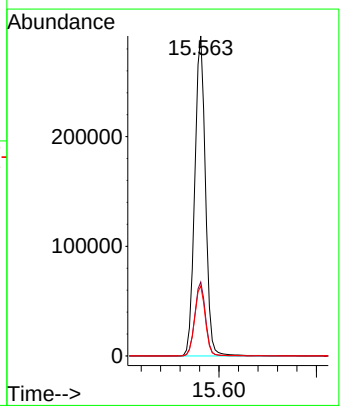


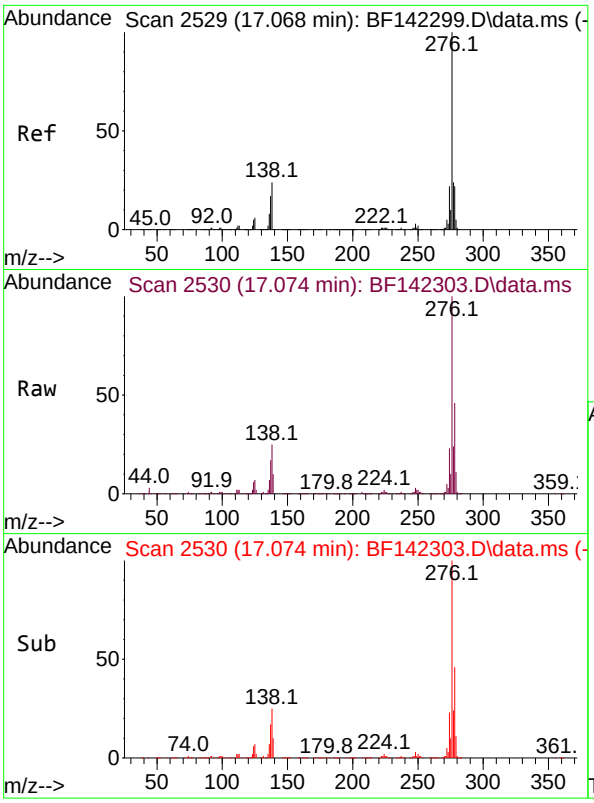


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:264 Resp: 447218

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.9	17.5	26.3

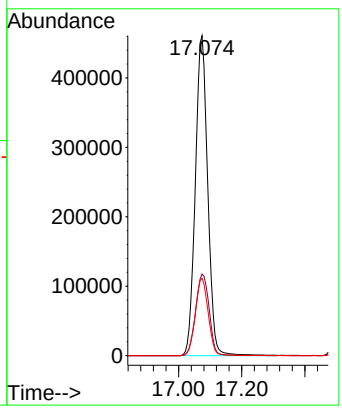




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.452 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:276 Resp: 125844

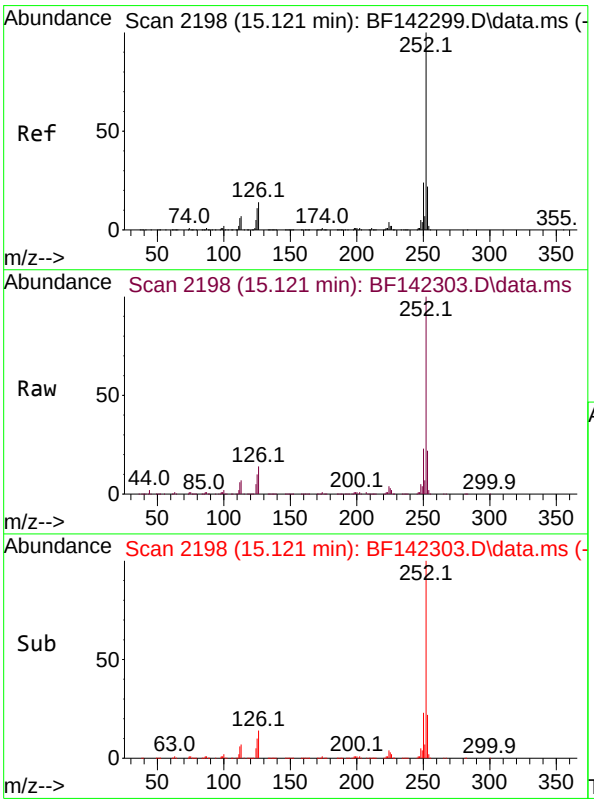
Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.0	33.0
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

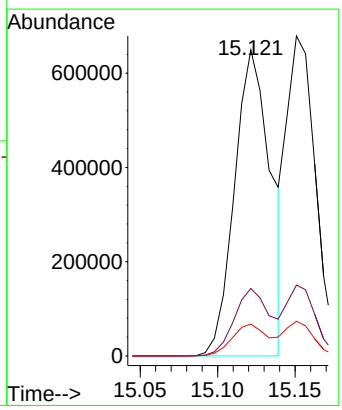
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

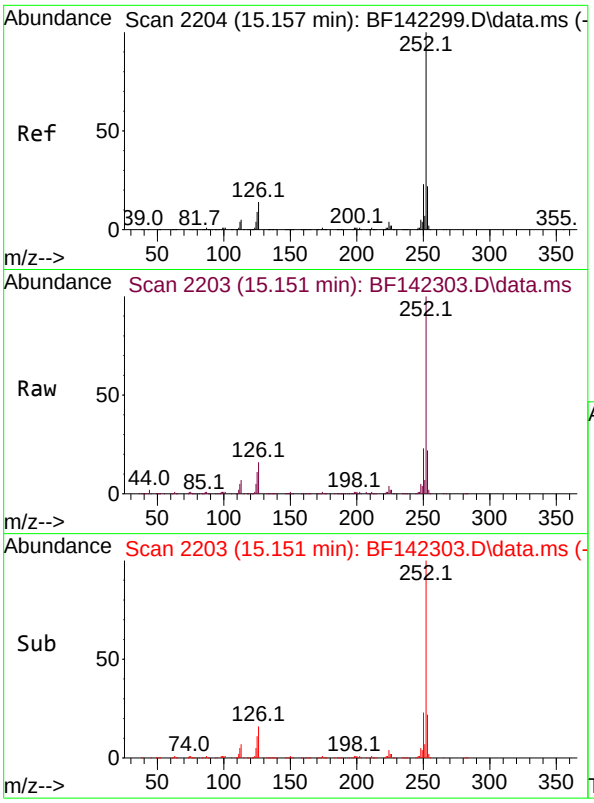


#88
Benzo(b)fluoranthene
Concen: 38.957 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 1055207

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.4	8.7	13.1

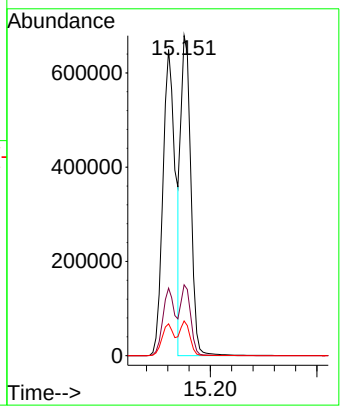




#89
Benzo(k)fluoranthene
Concen: 35.727 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 88557

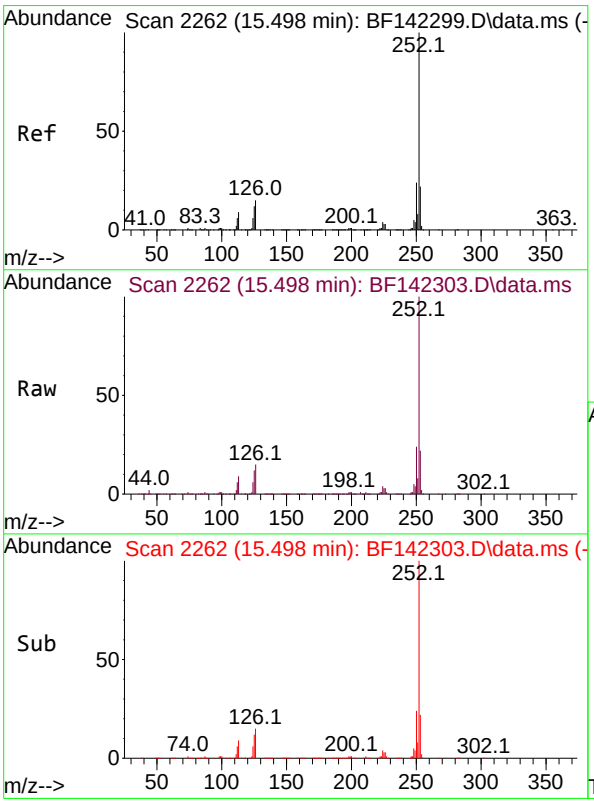
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

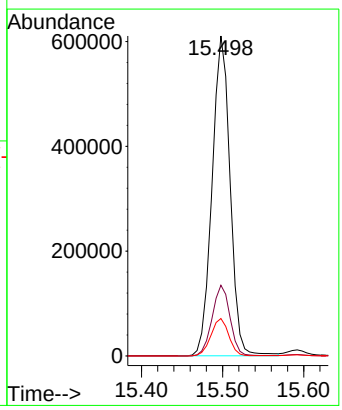
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

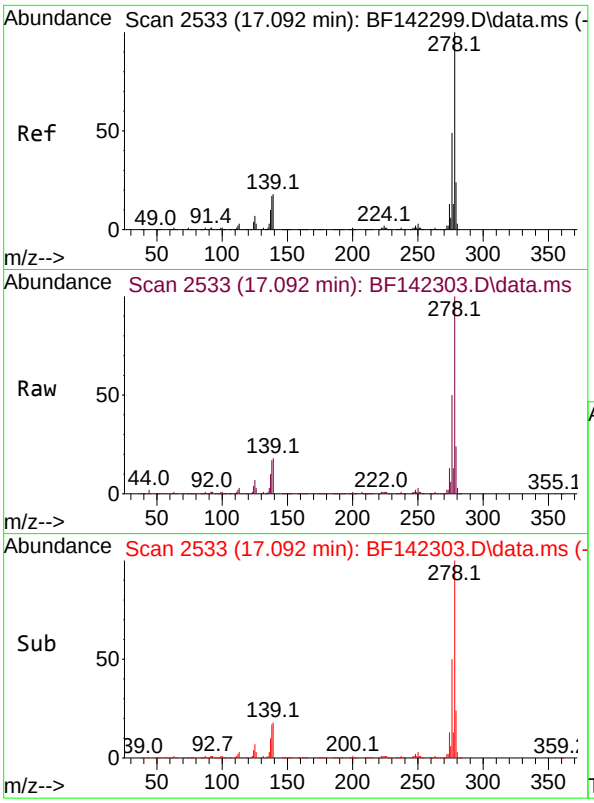


#90
Benzo(a)pyrene
Concen: 38.871 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:252 Resp: 943474

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.7	9.4	14.0

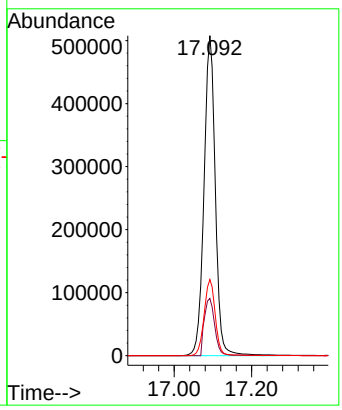




#91
Dibenzo(a,h)anthracene
Concen: 40.084 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:278 Resp: 103021

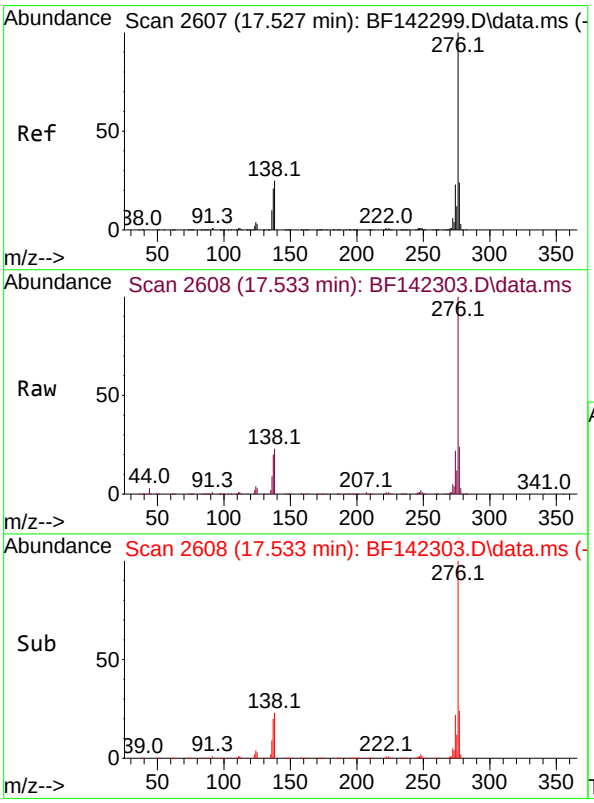
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	23.8	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Manual Integrations
APPROVED

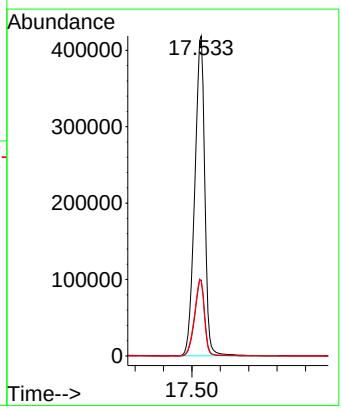
Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025



#92
Benzo(g,h,i)perylene
Concen: 40.171 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142303.D
Acq: 05 May 2025 18:13

Tgt Ion:276 Resp: 1024727

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	23.3	19.8	29.6



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	107	0.00
2		1,4-Dioxane	0.528	0.502	4.9	107	0.00
3		Pyridine	1.239	1.269	-2.4	116	0.00
4		n-Nitrosodimethylamine	0.720	0.690	4.2	106	0.00
5	S	2-Fluorophenol	1.172	1.128	3.8	107	0.00
6		Aniline	1.413	1.490	-5.4	109	0.00
7	S	Phenol-d6	1.441	1.377	4.4	107	0.00
8		2-Chlorophenol	1.252	1.243	0.7	109	0.00
9		Benzaldehyde	0.843	0.718	14.8	105	0.00
10	C	Phenol	1.527	1.469	3.8	107	0.00
11		bis(2-Chloroethyl)ether	1.506	1.357	9.9	107	0.00
12		1,3-Dichlorobenzene	1.432	1.338	6.6	106	0.00
13	C	1,4-Dichlorobenzene	1.438	1.355	5.8	106	0.00
14		1,2-Dichlorobenzene	1.380	1.304	5.5	106	0.00
15		Benzyl Alcohol	0.933	0.948	-1.6	109	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.137	5.0	107	0.00
17		2-Methylphenol	1.014	0.987	2.7	109	0.00
18		Hexachloroethane	0.478	0.474	0.8	110	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	0.857	3.8	107	0.00
20		3+4-Methylphenols	1.265	1.236	2.3	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22		Acetophenone	0.445	0.417	6.3	106	0.00
23	S	Nitrobenzene-d5	0.328	0.343	-4.6	111	0.00
24		Nitrobenzene	0.309	0.320	-3.6	111	0.00
25		Isophorone	0.621	0.597	3.9	108	0.00
26	C	2-Nitrophenol	0.129	0.155	-20.2#	124	0.00
27		2,4-Dimethylphenol	0.312	0.304	2.6	108	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.381	4.5	108	0.00
29	C	2,4-Dichlorophenol	0.265	0.270	-1.9	109	0.00
30		1,2,4-Trichlorobenzene	0.299	0.280	6.4	106	0.00
31		Naphthalene	0.969	0.921	5.0	108	0.00
32		Benzoic acid	0.150	0.174	-16.0	132	0.00
33		4-Chloroaniline	0.396	0.395	0.3	109	0.00
34	C	Hexachlorobutadiene	0.177	0.170	4.0	108	0.00
35		Caprolactam	0.077	0.080	-3.9	108	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.274	0.7	110	0.00
37		2-Methylnaphthalene	0.602	0.567	5.8	106	0.00
38		1-Methylnaphthalene	0.628	0.589	6.2	105	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.524	6.3	107	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.363	-5.2	111	0.00
42	S	2,4,6-Tribromophenol	0.193	0.201	-4.1	111	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.363	-3.1	109	0.00
44		2,4,5-Trichlorophenol	0.375	0.374	0.3	109	0.00
45	S	2-Fluorobiphenyl	1.403	1.251	10.8	104	0.00
46		1,1'-Biphenyl	1.533	1.429	6.8	107	0.00
47		2-Chloronaphthalene	1.140	1.064	6.7	106	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	0.292	0.327	-12.0	116	0.00
49		Acenaphthylene	1.908	1.804	5.5	107	0.00
50		Dimethylphthalate	1.284	1.225	4.6	107	0.00
51		2,6-Dinitrotoluene	0.240	0.269	-12.1	116	0.00
52	C	Acenaphthene	1.147	1.075	6.3	106	0.00
53		3-Nitroaniline	0.282	0.304	-7.8	112	0.00
54	P	2,4-Dinitrophenol	0.102	0.120	-17.6	130	0.00
55		Dibenzofuran	1.693	1.573	7.1	107	0.00
56	P	4-Nitrophenol	0.212	0.235	-10.8	116	0.00
57		2,4-Dinitrotoluene	0.308	0.349	-13.3	116	0.00
58		Fluorene	1.292	1.186	8.2	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.322	-4.2	111	0.00
60		Diethylphthalate	1.283	1.220	4.9	107	0.00
61		4-Chlorophenyl-phenylether	0.623	0.574	7.9	105	0.00
62		4-Nitroaniline	0.223	0.220	1.3	103	0.00
63		Azobenzene	1.226	1.161	5.3	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.094	-14.6	124	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.634	4.8	107	0.00
67		4-Bromophenyl-phenylether	0.227	0.217	4.4	107	0.00
68		Hexachlorobenzene	0.249	0.239	4.0	107	0.00
69		Atrazine	0.175	0.180	-2.9	110	0.00
70	C	Pentachlorophenol	0.131	0.144	-9.9	110	0.00
71		Phenanthrene	1.048	0.981	6.4	106	0.00
72		Anthracene	1.077	1.007	6.5	105	0.00
73		Carbazole	0.966	0.904	6.4	104	0.00
74		Di-n-butylphthalate	1.016	1.008	0.8	106	0.00
75	C	Fluoranthene	1.048	0.962	8.2	104	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77		Benzidine	0.363	0.392	-8.0	109	0.00
78		Pyrene	1.780	1.741	2.2	102	0.00
79	S	Terphenyl-d14	1.351	1.290	4.5	102	0.00
80		Butylbenzylphthalate	0.449	0.506	-12.7	108	0.00
81		Benzo(a)anthracene	1.295	1.257	2.9	101	0.00
82		3,3'-Dichlorobenzidine	0.301	0.312	-3.7	105	0.00
83		Chrysene	1.206	1.106	8.3	100	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.646	-12.7	107	0.00
85	c	Di-n-octyl phthalate	1.057	1.181	-11.7	114	0.00
86	I	Perylene-d12	1.000	1.000	0.0	105	0.00
87		Indeno(1,2,3-cd)pyrene	1.391	1.407	-1.2	107	0.00
88		Benzo(b)fluoranthene	1.211	1.180	2.6	106	0.00
89		Benzo(k)fluoranthene	1.109	0.990	10.7	100	0.00
90	C	Benzo(a)pyrene	1.085	1.055	2.8	104	0.00
91		Dibenzo(a,h)anthracene	1.149	1.152	-0.3	106	0.00
92		Benzo(g,h,i)perylene	1.141	1.146	-0.4	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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 = 1

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	107	0.00
2		1,4-Dioxane	40.000	38.046	4.9	107	0.00
3		Pyridine	40.000	40.992	-2.5	116	0.00
4		n-Nitrosodimethylamine	40.000	38.346	4.1	106	0.00
5	S	2-Fluorophenol	80.000	77.026	3.7	107	0.00
6		Aniline	40.000	42.173	-5.4	109	0.00
7	S	Phenol-d6	80.000	76.429	4.5	107	0.00
8		2-Chlorophenol	40.000	39.701	0.7	109	0.00
9		Benzaldehyde	40.000	34.048	14.9	105	0.00
10	C	Phenol	40.000	38.399	4.0	107	0.00
11		bis(2-Chloroethyl)ether	40.000	36.030	9.9	107	0.00
12		1,3-Dichlorobenzene	40.000	37.375	6.6	106	0.00
13	C	1,4-Dichlorobenzene	40.000	37.681	5.8	106	0.00
14		1,2-Dichlorobenzene	40.000	37.772	5.6	106	0.00
15		Benzyl Alcohol	40.000	40.632	-1.6	109	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.006	5.0	107	0.00
17		2-Methylphenol	40.000	38.961	2.6	109	0.00
18		Hexachloroethane	40.000	39.633	0.9	110	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.437	3.9	107	0.00
20		3+4-Methylphenols	40.000	39.089	2.3	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22		Acetophenone	40.000	37.519	6.2	106	0.00
23	S	Nitrobenzene-d5	80.000	83.567	-4.5	111	0.00
24		Nitrobenzene	40.000	41.431	-3.6	111	0.00
25		Isophorone	40.000	38.426	3.9	108	0.00
26	C	2-Nitrophenol	40.000	42.037	-5.1	124	0.00
27		2,4-Dimethylphenol	40.000	38.903	2.7	108	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.186	4.5	108	0.00
29	C	2,4-Dichlorophenol	40.000	40.715	-1.8	109	0.00
30		1,2,4-Trichlorobenzene	40.000	37.487	6.3	106	0.00
31		Naphthalene	40.000	37.992	5.0	108	0.00
32		Benzoic acid	40.000	43.072	-7.7	132	0.00
33		4-Chloroaniline	40.000	39.993	0.0	109	0.00
34	C	Hexachlorobutadiene	40.000	38.512	3.7	108	0.00
35		Caprolactam	40.000	41.494	-3.7	108	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.715	0.7	110	0.00
37		2-Methylnaphthalene	40.000	37.643	5.9	106	0.00
38		1-Methylnaphthalene	40.000	37.522	6.2	105	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.555	6.1	107	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.020	-5.1	111	0.00
42	S	2,4,6-Tribromophenol	80.000	83.209	-4.0	111	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.212	-3.0	109	0.00
44		2,4,5-Trichlorophenol	40.000	39.886	0.3	109	0.00
45	S	2-Fluorobiphenyl	80.000	71.371	10.8	104	0.00
46		1,1'-Biphenyl	40.000	37.283	6.8	107	0.00
47		2-Chloronaphthalene	40.000	37.323	6.7	106	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	44.681	-11.7	116	0.00
49		Acenaphthylene	40.000	37.833	5.4	107	0.00
50		Dimethylphthalate	40.000	38.154	4.6	107	0.00
51		2,6-Dinitrotoluene	40.000	44.788	-12.0	116	0.00
52	C	Acenaphthene	40.000	37.495	6.3	106	0.00
53		3-Nitroaniline	40.000	43.190	-8.0	112	0.00
54	P	2,4-Dinitrophenol	40.000	42.149	-5.4	130	0.00
55		Dibenzofuran	40.000	37.158	7.1	107	0.00
56	P	4-Nitrophenol	40.000	44.381	-11.0	116	0.00
57		2,4-Dinitrotoluene	40.000	45.248	-13.1	116	0.00
58		Fluorene	40.000	36.712	8.2	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.630	-4.1	111	0.00
60		Diethylphthalate	40.000	38.064	4.8	107	0.00
61		4-Chlorophenyl-phenylether	40.000	36.826	7.9	105	0.00
62		4-Nitroaniline	40.000	39.327	1.7	103	0.00
63		Azobenzene	40.000	37.908	5.2	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.574	-3.9	124	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.096	4.8	107	0.00
67		4-Bromophenyl-phenylether	40.000	38.308	4.2	107	0.00
68		Hexachlorobenzene	40.000	38.273	4.3	107	0.00
69		Atrazine	40.000	41.032	-2.6	110	0.00
70	C	Pentachlorophenol	40.000	43.855	-9.6	110	0.00
71		Phenanthrene	40.000	37.441	6.4	106	0.00
72		Anthracene	40.000	37.410	6.5	105	0.00
73		Carbazole	40.000	37.428	6.4	104	0.00
74		Di-n-butylphthalate	40.000	39.694	0.8	106	0.00
75	C	Fluoranthene	40.000	36.731	8.2	104	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77		Benzidine	40.000	43.136	-7.8	109	0.00
78		Pyrene	40.000	39.120	2.2	102	0.00
79	S	Terphenyl-d14	80.000	76.366	4.5	102	0.00
80		Butylbenzylphthalate	40.000	39.681	0.8	108	0.00
81		Benzo(a)anthracene	40.000	38.827	2.9	101	0.00
82		3,3'-Dichlorobenzidine	40.000	41.464	-3.7	105	0.00
83		Chrysene	40.000	36.701	8.2	100	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.051	2.4	107	0.00
85	c	Di-n-octyl phthalate	40.000	40.234	-0.6	114	0.00
86	I	Perylene-d12	20.000	20.000	0.0	105	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.452	-1.1	107	0.00
88		Benzo(b)fluoranthene	40.000	38.957	2.6	106	0.00
89		Benzo(k)fluoranthene	40.000	35.727	10.7	100	0.00
90	C	Benzo(a)pyrene	40.000	38.871	2.8	104	0.00
91		Dibenzo(a,h)anthracene	40.000	40.084	-0.2	106	0.00
92		Benzo(g,h,i)perylene	40.000	40.171	-0.4	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142303.D
Acq On : 05 May 2025 18:13
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF050525

Quant Time: May 05 18:41:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.169	5.5
Benzaldehyde		0.991	1.008	1.046	0.955	1.043	0.966	9.9
Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.492	9.1
Phenol		1.373	1.401	1.526	1.509	1.707	1.540	8.2
bis(2-Chloroethyl)ether		1.317	1.170	1.257	1.213	1.357	1.266	5.0
2-Chlorophenol		1.200	1.204	1.311	1.303	1.465	1.327	7.8
2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.105	10.3
2,2-oxybis(1-Chloropropane)		1.543	1.445	1.520	1.467	1.617	1.516	4.2
Acetophenone		0.486	0.481	0.511	0.483	0.534	0.500	4.0
3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.503	12.2
n-Nitroso-di-n-propylamine	0.880	0.977	0.967	1.086	1.048	1.142	1.032	8.6
Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.396	4.7
Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.589	4.0
Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.348	4.0
Isophorone		0.644	0.640	0.695	0.673	0.753	0.687	5.9
2-Nitrophenol		0.135	0.143	0.168	0.172	0.196	0.171	14.1
2,4-Dimethylphenol		0.273	0.279	0.300	0.298	0.329	0.301	6.6
bis(2-Chloroethoxy)methane		0.403	0.391	0.411	0.399	0.443	0.410	4.1
2,4-Dichlorophenol		0.250	0.258	0.290	0.291	0.327	0.292	10.0
Naphthalene		1.064	1.026	1.049	0.980	1.091	1.036	3.5
4-Chloroaniline		0.348	0.371	0.420	0.418	0.465	0.418	10.6
Hexachlorobutadiene		0.231	0.214	0.211	0.198	0.222	0.213	5.1
Caprolactam		0.082	0.092	0.104	0.109	0.121	0.106	13.8
4-Chloro-3-methylphenol		0.316	0.325	0.358	0.356	0.391	0.356	7.8
2-Methylnaphthalene		0.673	0.654	0.670	0.640	0.713	0.671	3.7
Hexachlorocyclopentadiene		0.250	0.276	0.350	0.356	0.420	0.352	19.0
2,4,6-Trichlorophenol		0.305	0.341	0.375	0.371	0.428	0.376	11.3
2-Fluorobiphenyl		1.601	1.498	1.553	1.432	1.602	1.527	4.1
2,4,5-Trichlorophenol		0.376	0.375	0.418	0.404	0.471	0.419	8.7
1,1-Biphenyl		1.524	1.434	1.492	1.383	1.586	1.478	4.4
2-Chloronaphthalene		1.147	1.106	1.131	1.065	1.196	1.127	3.6
2-Nitroaniline		0.279	0.304	0.331	0.335	0.381	0.334	10.3
Dimethylphthalate		1.570	1.527	1.518	1.450	1.611	1.524	3.7
Acenaphthylene		1.845	1.818	1.920	1.804	2.029	1.886	4.2

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.299	0.308	0.326	0.312	0.354	0.322	5.8
3-Nitroaniline		0.258	0.275	0.329	0.340	0.379	0.329	14.0
Acenaphthene		1.105	1.054	1.094	1.028	1.159	1.084	4.0
2,4-Dinitrophenol			0.098	0.143	0.172	0.201	0.169	24.8
4-Nitrophenol			0.159	0.222	0.257	0.299	0.250	20.8
Dibenzofuran		1.810	1.716	1.740	1.633	1.816	1.730	4.0
2,4-Dinitrotoluene		0.400	0.422	0.456	0.454	0.508	0.454	7.9
Diethylphthalate		1.593	1.542	1.537	1.444	1.639	1.541	4.4
4-Chlorophenyl-phenylether		0.752	0.697	0.700	0.656	0.741	0.703	5.0
Fluorene		1.466	1.415	1.410	1.336	1.494	1.410	4.1
4-Nitroaniline		0.228	0.259	0.326	0.330	0.375	0.317	17.1
4,6-Dinitro-2-methylphenol			0.094	0.120	0.129	0.149	0.129	15.6
n-Nitrosodiphenylamine		0.603	0.589	0.627	0.593	0.667	0.614	4.4
2,4,6-Tribromophenol		0.324	0.321	0.335	0.323	0.369	0.339	5.5
4-Bromophenyl-phenylether		0.231	0.223	0.237	0.226	0.252	0.236	4.3
Hexachlorobenzene		0.303	0.288	0.298	0.282	0.321	0.299	4.2
Atrazine		0.210	0.209	0.227	0.218	0.248	0.225	6.3
Pentachlorophenol		0.124	0.137	0.163	0.172	0.198	0.168	17.1
Phenanthrene		1.144	1.085	1.125	1.051	1.170	1.112	3.7
Anthracene		1.097	1.064	1.142	1.075	1.205	1.119	4.3
Carbazole		0.923	0.944	1.039	1.001	1.114	1.012	6.4
Di-n-butylphthalate		1.182	1.218	1.332	1.260	1.447	1.302	7.0
Fluoranthene		1.271	1.254	1.314	1.250	1.399	1.300	4.2
Pyrene		1.184	1.137	1.197	1.153	1.273	1.198	3.8
Terphenyl-d14		1.192	1.113	1.165	1.125	1.226	1.166	3.3
Butylbenzylphthalate		0.458	0.465	0.537	0.527	0.604	0.533	10.3
3,3-Dichlorobenzidine		0.357	0.392	0.474	0.477	0.539	0.466	14.5
Benzo(a)anthracene		1.251	1.218	1.253	1.208	1.336	1.256	3.4
Chrysene		1.214	1.180	1.185	1.131	1.255	1.190	3.2
Bis(2-ethylhexyl)phthalate		0.673	0.683	0.801	0.766	0.884	0.783	10.3
Di-n-octyl phthalate		1.048	1.116	1.272	1.280	1.458	1.281	12.0
Benzo(b)fluoranthene		1.028	1.070	1.152	1.103	1.288	1.145	7.6
Benzo(k)fluoranthene		1.147	1.106	1.182	1.140	1.258	1.180	4.6
Benzo(a)pyrene		0.995	1.001	1.112	1.064	1.221	1.099	7.7
Indeno(1,2,3-cd)pyrene		1.341	1.357	1.447	1.424	1.608	1.460	6.7

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.068	1.066	1.186	1.167	1.321	1.188	8.2
Benzo(g,h,i)perylene		1.101	1.106	1.167	1.147	1.294	1.181	6.1
1,2,4,5-Tetrachlorobenzene		0.593	0.558	0.574	0.549	0.625	0.581	4.3
1,4-Dioxane		0.641	0.557	0.535	0.505	0.562	0.549	8.3
2,3,4,6-Tetrachlorophenol		0.367	0.364	0.381	0.379	0.428	0.388	5.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024614.D 5 =BP024615.D 10 =BP024616.D 20 =BP024617.D 40 =BP024618.D 50 =BP024619.D 60 =BP024620.D 80 =BP0246
21.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.641	0.557	0.535	0.505	0.562	0.530	0.513	0.549	8.31
3)		Pyridine		1.054	1.135	1.202	1.198	1.363	1.307	1.263	1.218	8.57
4)		n-Nitrosodimet...		0.536	0.507	0.527	0.517	0.580	0.557	0.537	0.538	4.61
5)	S	2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.223	1.193	1.169	5.50
6)		Aniline		1.717	1.703	1.932	1.917	2.130	2.091	1.999	1.927	8.67
7)	S	Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.620	1.552	1.492	9.09
8)		2-Chlorophenol		1.200	1.204	1.311	1.303	1.465	1.433	1.376	1.327	7.83
9)		Benzaldehyde		0.991	1.008	1.046	0.955	1.043	0.954	0.766	0.966	9.91
10)	C	Phenol		1.373	1.401	1.526	1.509	1.707	1.670	1.597	1.540	8.24
11)		bis(2-Chloroet...		1.317	1.170	1.257	1.213	1.357	1.299	1.247	1.266	5.04
12)		1,3-Dichlorobe...		1.596	1.487	1.520	1.440	1.622	1.546	1.480	1.527	4.29
13)	C	1,4-Dichlorobe...		1.558	1.505	1.525	1.470	1.637	1.567	1.491	1.536	3.67
14)		1,2-Dichlorobe...		1.530	1.467	1.498	1.426	1.579	1.529	1.449	1.497	3.56
15)		Benzyl Alcohol		0.883	0.950	1.128	1.149	1.306	1.288	1.236	1.134	14.43
16)		2,2'-oxybis(1-...		1.543	1.445	1.520	1.467	1.617	1.564	1.454	1.516	4.22
17)		2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.213	1.154	1.105	10.30
18)		Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.597	0.570	0.589	4.04
19)	P	n-Nitroso-di-n...	0.880	0.977	0.967	1.086	1.048	1.142	1.132	1.026	1.032	8.63
20)		3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.692	1.584	1.503	12.21
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.486	0.481	0.511	0.483	0.534	0.512	0.491	0.500	3.97
23)	S	Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.408	0.394	0.396	4.67
24)		Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.356	0.344	0.348	4.03
25)		Isophorone		0.644	0.640	0.695	0.673	0.753	0.721	0.682	0.687	5.91
26)	C	2-Nitrophenol		0.135	0.143	0.168	0.172	0.196	0.192	0.189	0.171	14.05
27)		2,4-Dimethylph...		0.273	0.279	0.300	0.298	0.329	0.318	0.309	0.301	6.60
28)		bis(2-Chloroet...		0.403	0.391	0.411	0.399	0.443	0.419	0.405	0.410	4.15
29)	C	2,4-Dichloroph...		0.250	0.258	0.290	0.291	0.327	0.316	0.309	0.292	9.96
30)		1,2,4-Trichlor...		0.346	0.322	0.327	0.306	0.347	0.329	0.323	0.329	4.33
31)		Naphthalene		1.064	1.026	1.049	0.980	1.091	1.037	1.007	1.036	3.54
32)		Benzoic acid			0.089	0.146	0.191	0.215	0.220	0.225	0.181	29.55
33)		4-Chloroaniline		0.348	0.371	0.420	0.418	0.465	0.462	0.442	0.418	10.62
34)	C	Hexachlorobuta...		0.231	0.214	0.211	0.198	0.222	0.209	0.206	0.213	5.08
35)		Caprolactam		0.082	0.092	0.104	0.109	0.121	0.121	0.110	0.106	13.80
36)	C	4-Chloro-3-met...		0.316	0.325	0.358	0.356	0.391	0.384	0.359	0.356	7.78
37)		2-Methylnaphth...		0.673	0.654	0.670	0.640	0.713	0.693	0.654	0.671	3.73
38)		1-Methylnaphth...		0.741	0.700	0.720	0.690	0.751	0.733	0.690	0.718	3.47

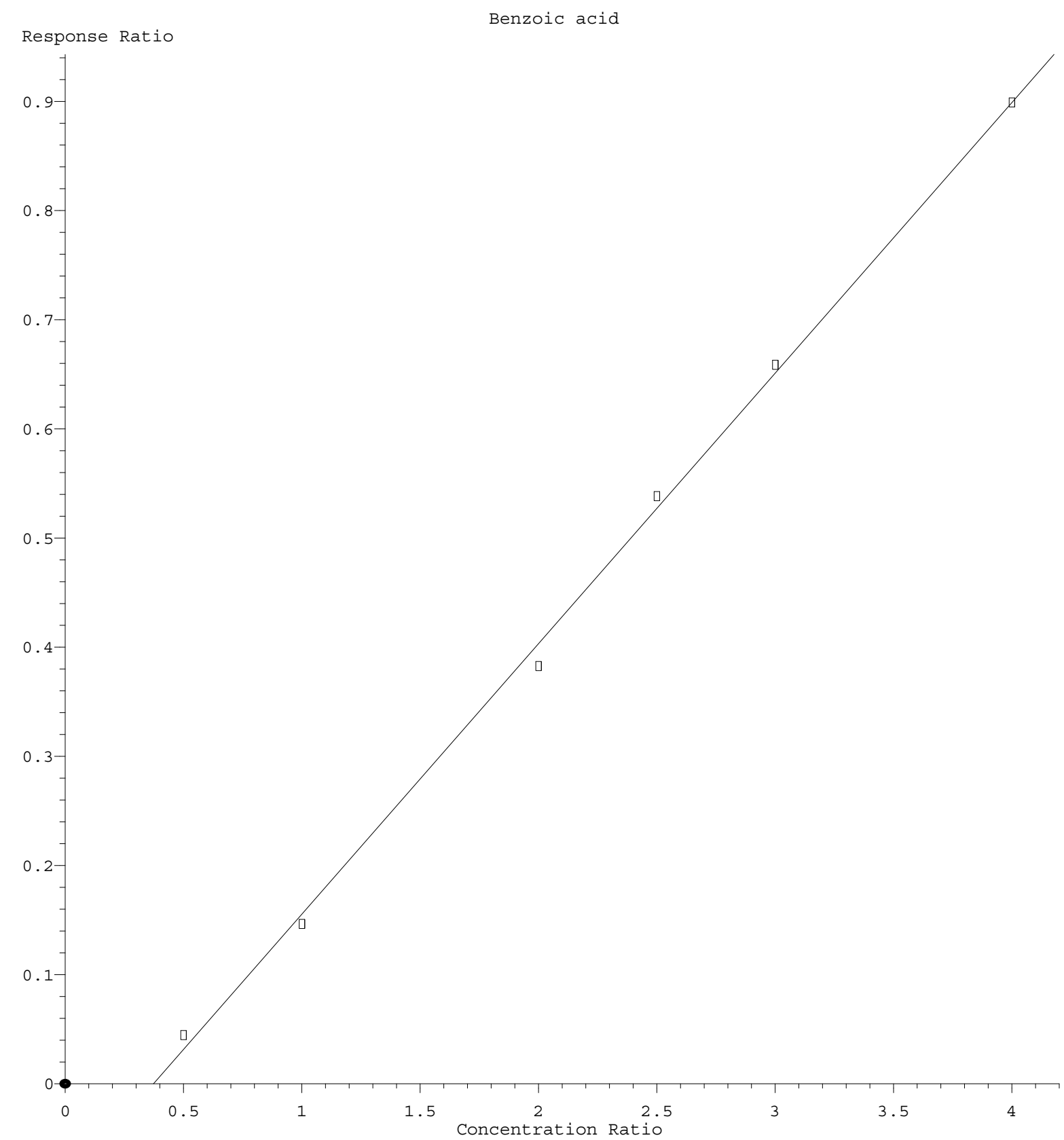
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Method File : 8270E-BP051325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.593	0.558	0.574	0.549	0.625	0.580	0.586	0.581	4.26
41)	P	Hexachlorocycl...	0.250	0.276	0.350	0.356	0.420	0.391	0.421	0.352	19.02
42)	S	2,4,6-Tribromo...	0.324	0.321	0.335	0.323	0.369	0.357	0.346	0.339	5.49
43)	C	2,4,6-Trichlor...	0.305	0.341	0.375	0.371	0.428	0.410	0.402	0.376	11.29
44)		2,4,5-Trichlor...	0.376	0.375	0.418	0.404	0.471	0.447	0.440	0.419	8.68
45)	S	2-Fluorobiphenyl	1.601	1.498	1.553	1.432	1.602	1.515	1.485	1.527	4.10
46)		1,1'-Biphenyl	1.524	1.434	1.492	1.383	1.586	1.473	1.456	1.478	4.40
47)		2-Chloronaphth...	1.147	1.106	1.131	1.065	1.196	1.132	1.113	1.127	3.56
48)		2-Nitroaniline	0.279	0.304	0.331	0.335	0.381	0.364	0.343	0.334	10.28
49)		Acenaphthylene	1.845	1.818	1.920	1.804	2.029	1.930	1.856	1.886	4.19
50)		Dimethylphthalate	1.570	1.527	1.518	1.450	1.611	1.535	1.460	1.524	3.73
51)		2,6-Dinitrotol...	0.299	0.308	0.326	0.312	0.354	0.337	0.319	0.322	5.75
52)	C	Acenaphthene	1.105	1.054	1.094	1.028	1.159	1.099	1.052	1.084	4.02
53)		3-Nitroaniline	0.258	0.275	0.329	0.340	0.379	0.370	0.350	0.329	14.04
54)	P	2,4-Dinitrophenol		0.098	0.143	0.172	0.201	0.201	0.201	0.169	24.79
55)		Dibenzofuran	1.810	1.716	1.740	1.633	1.816	1.733	1.658	1.730	4.00
56)	P	4-Nitrophenol		0.159	0.222	0.257	0.299	0.288	0.274	0.250	20.82
57)		2,4-Dinitrotol...	0.400	0.422	0.456	0.454	0.508	0.483	0.454	0.454	7.87
58)		Fluorene	1.466	1.415	1.410	1.336	1.494	1.410	1.341	1.410	4.14
59)		2,3,4,6-Tetrac...	0.367	0.364	0.381	0.379	0.428	0.406	0.394	0.388	5.89
60)		Diethylphthalate	1.593	1.542	1.537	1.444	1.639	1.563	1.468	1.541	4.40
61)		4-Chlorophenyl...	0.752	0.697	0.700	0.656	0.741	0.709	0.668	0.703	5.01
62)		4-Nitroaniline	0.228	0.259	0.326	0.330	0.375	0.363	0.341	0.317	17.06
63)		Azobenzene	1.327	1.299	1.356	1.250	1.407	1.343	1.243	1.318	4.45
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.094	0.120	0.129	0.149	0.143	0.141	0.129	15.64
66)	c	n-Nitrosodiphe...	0.603	0.589	0.627	0.593	0.667	0.621	0.600	0.614	4.41
67)		4-Bromophenyl-...	0.231	0.223	0.237	0.226	0.252	0.242	0.240	0.236	4.31
68)		Hexachlorobenzene	0.303	0.288	0.298	0.282	0.321	0.304	0.300	0.299	4.25
69)		Atrazine	0.210	0.209	0.227	0.218	0.248	0.237	0.226	0.225	6.32
70)	C	Pentachlorophenol	0.124	0.137	0.163	0.172	0.198	0.191	0.192	0.168	17.12
71)		Phenanthrene	1.144	1.085	1.125	1.051	1.170	1.125	1.083	1.112	3.68
72)		Anthracene	1.097	1.064	1.142	1.075	1.205	1.139	1.108	1.119	4.31
73)		Carbazole	0.923	0.944	1.039	1.001	1.114	1.053	1.013	1.012	6.43
74)		Di-n-butylphth...	1.182	1.218	1.332	1.260	1.447	1.363	1.313	1.302	6.97
75)	C	Fluoranthene	1.271	1.254	1.314	1.250	1.399	1.337	1.272	1.300	4.18
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.362	0.543	0.560	0.657	0.599	0.548	0.545	18.22
78)		Pyrene	1.184	1.137	1.197	1.153	1.273	1.222	1.223	1.198	3.85
79)	S	Terphenyl-d14	1.192	1.113	1.165	1.125	1.226	1.175	1.167	1.166	3.30
80)		Butylbenzylpht...	0.458	0.465	0.537	0.527	0.604	0.571	0.569	0.533	10.28
81)		Benzo(a)anthra...	1.251	1.218	1.253	1.208	1.336	1.275	1.250	1.256	3.36
82)		3,3'-Dichlorob...	0.357	0.392	0.474	0.477	0.539	0.511	0.514	0.466	14.45
83)		Chrysene	1.214	1.180	1.185	1.131	1.255	1.188	1.180	1.190	3.16
84)		Bis(2-ethylhex...	0.673	0.683	0.801	0.766	0.884	0.836	0.841	0.783	10.32
85)	c	Di-n-octyl pht...	1.048	1.116	1.272	1.280	1.458	1.376	1.417	1.281	11.95

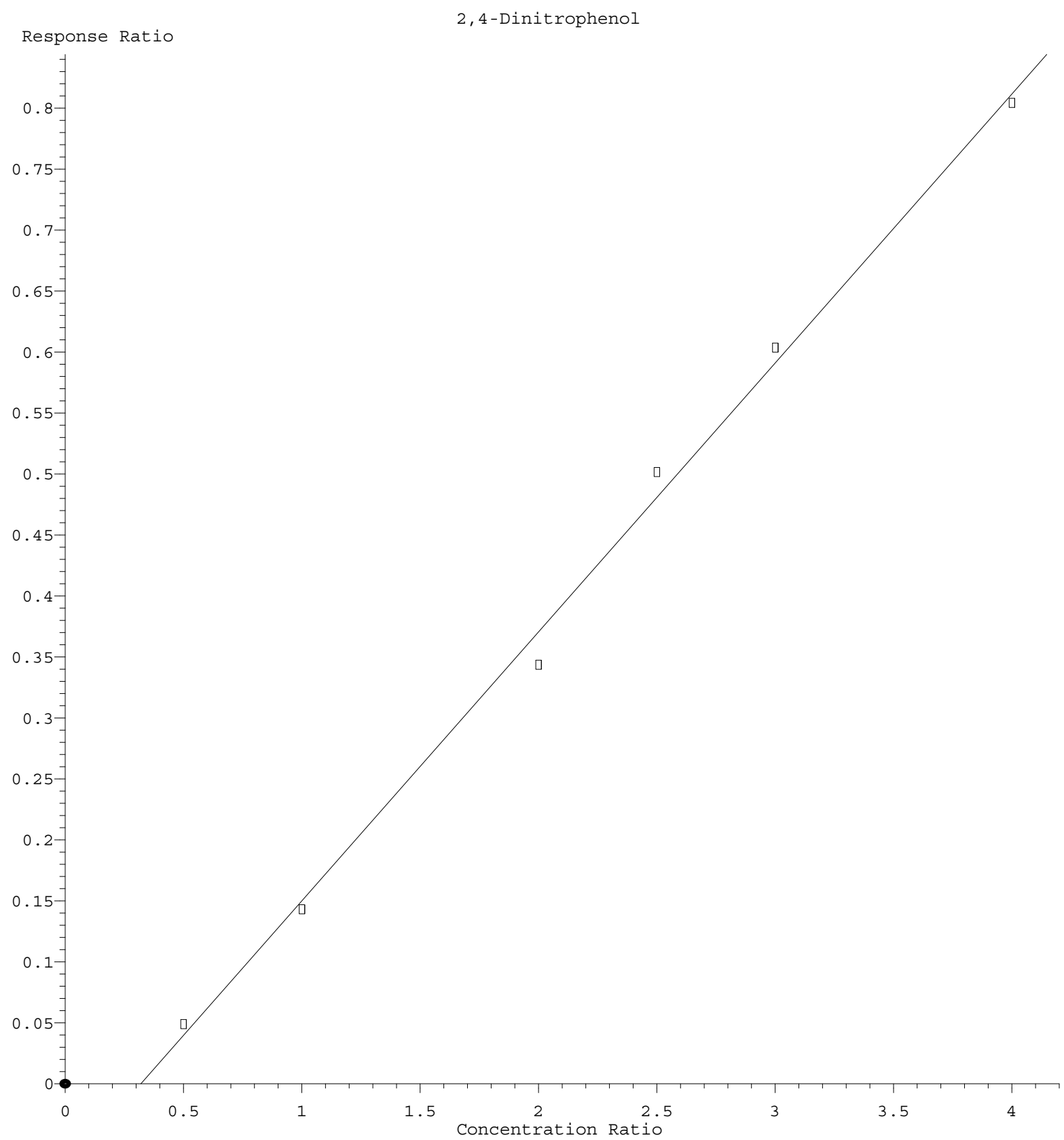
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.341	1.357	1.447	1.424	1.608	1.549	1.494	1.460	6.70
88)		Benzo(b)fluora...	1.028	1.070	1.152	1.103	1.288	1.184	1.189	1.145	7.58
89)		Benzo(k)fluora...	1.147	1.106	1.182	1.140	1.258	1.238	1.185	1.180	4.59
90)	C	Benzo(a)pyrene	0.995	1.001	1.112	1.064	1.221	1.167	1.136	1.099	7.68
91)		Dibenzo(a,h)an...	1.068	1.066	1.186	1.167	1.321	1.271	1.236	1.188	8.18
92)		Benzo(g,h,i)pe...	1.101	1.106	1.167	1.147	1.294	1.242	1.212	1.181	6.07

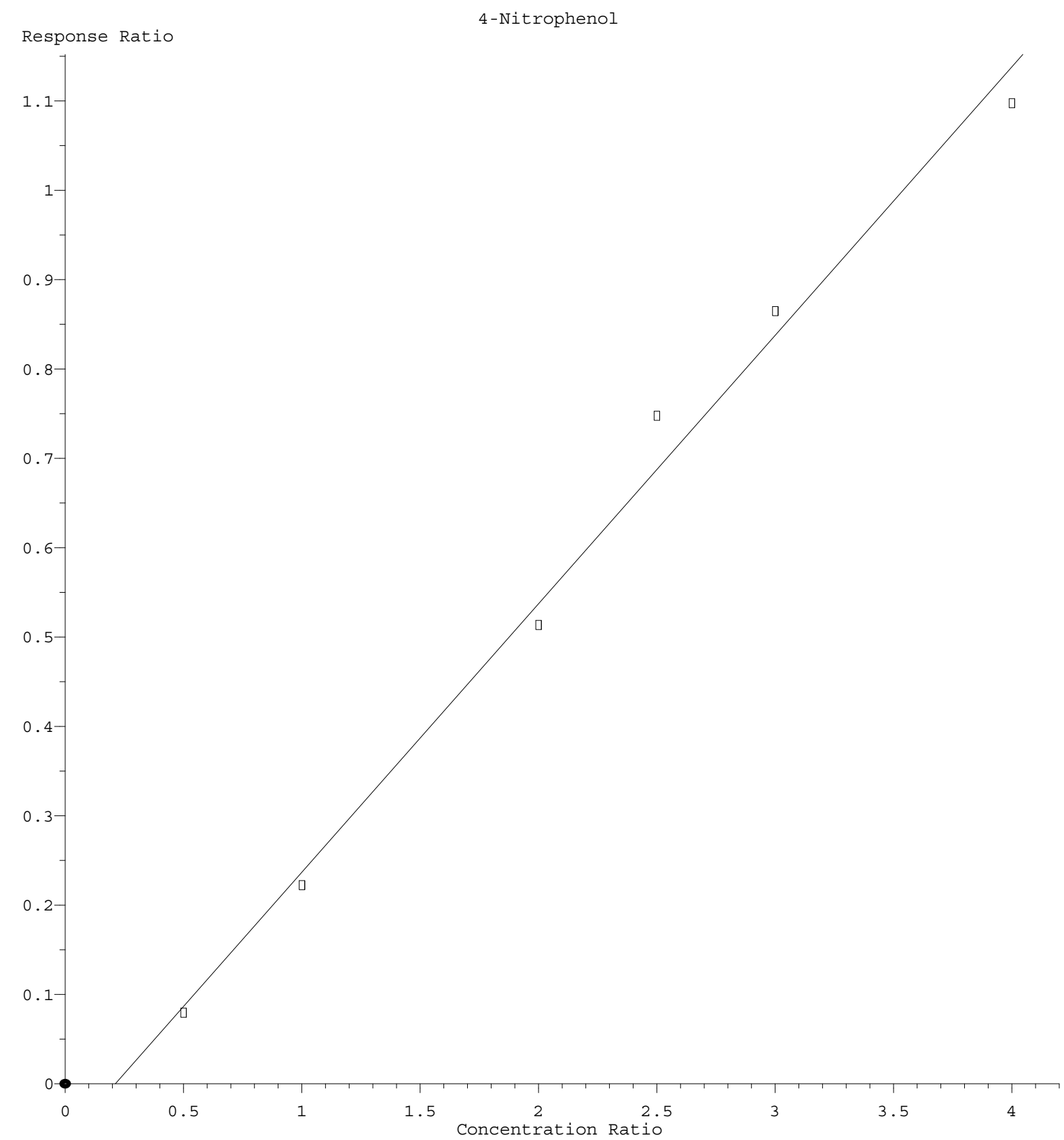
(#) = Out of Range



Response = 2.481e-001 * Amt - 9.265e-002
Coef of Det (r^2) = 0.998338 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M
Calibration Table Last Updated: Tue May 13 16:21:39 2025



Response = 2.207e-001 * Amt - 7.063e-002
Coef of Det (r^2) = 0.996311 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M
Calibration Table Last Updated: Tue May 13 16:21:39 2025



Response = 3.005e-001 * Amt - 6.362e-002
Coef of Det (r^2) = 0.991009 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M
Calibration Table Last Updated: Tue May 13 16:21:39 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	105461	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	434352	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	287970	20.00	ng	-0.02
64) Phenanthrene-d10	17.092	188	596044	20.00	ng	0.00
76) Chrysene-d12	21.516	240	663028	20.00	ng	0.00
86) Perylene-d12	24.780	264	769627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ng	
7) Phenol-d6	0.000	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.458	70	11601	2.13	ng	96

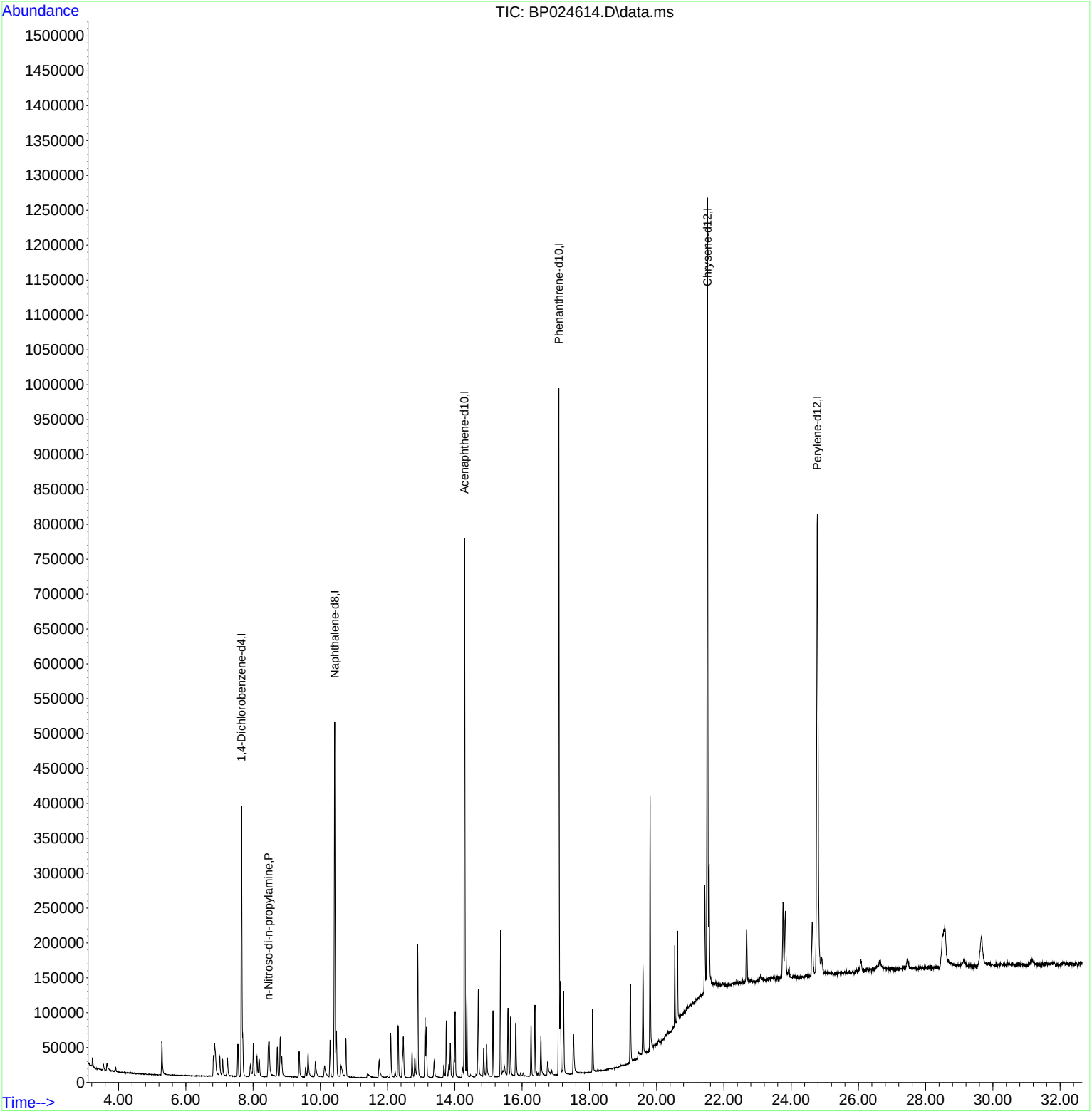
(#) = qualifier out of range (m) = manual integration (+) = signals summed

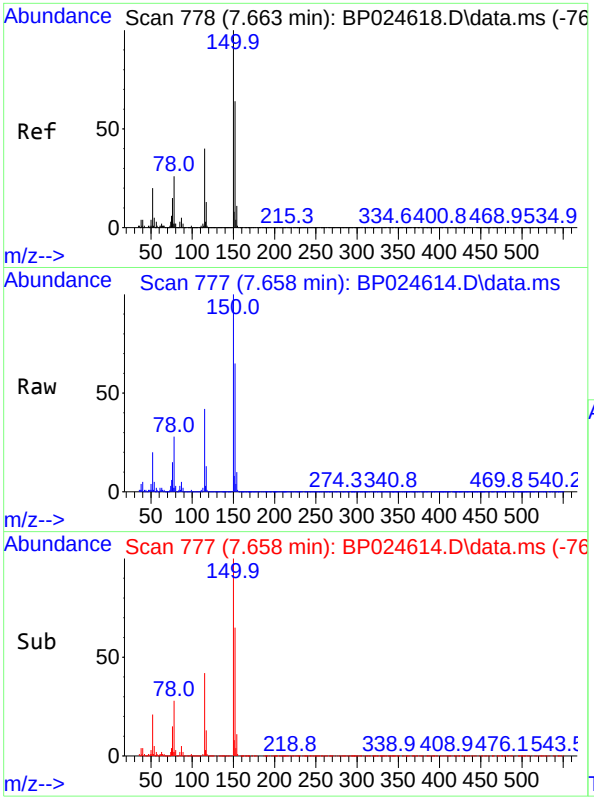
ICAL Form

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Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



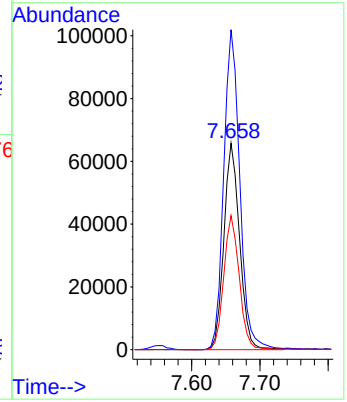


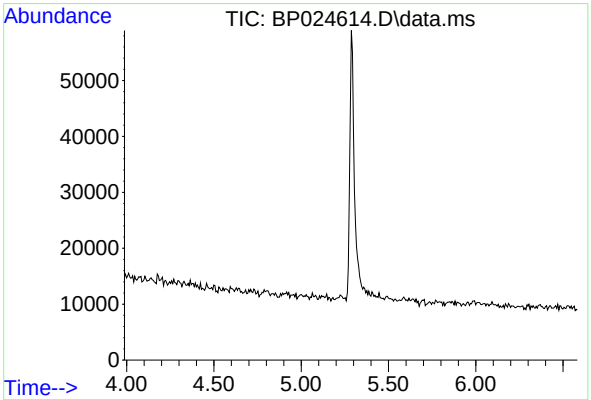
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 105461

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	65.0	50.1	75.1



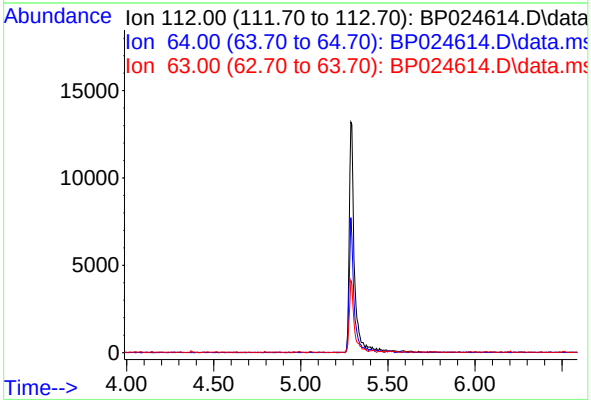


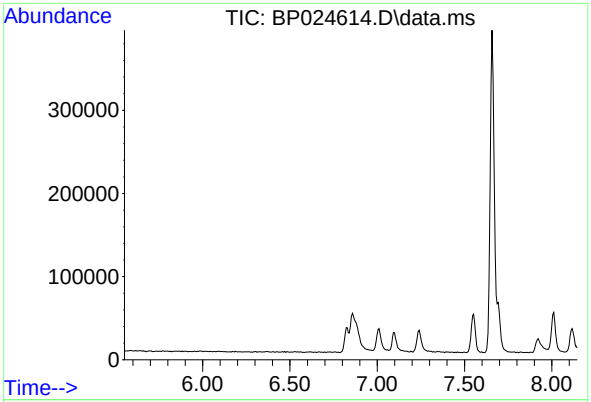
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.29 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.1
63	29.4





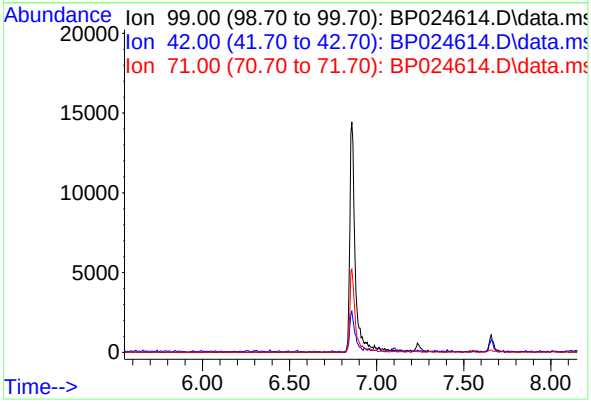
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.85 min

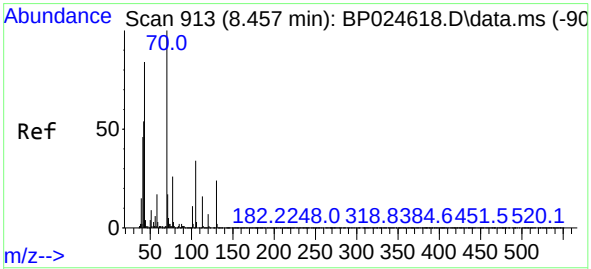
Lab File: BP024614.D
Acq: 13 May 2025 10:41

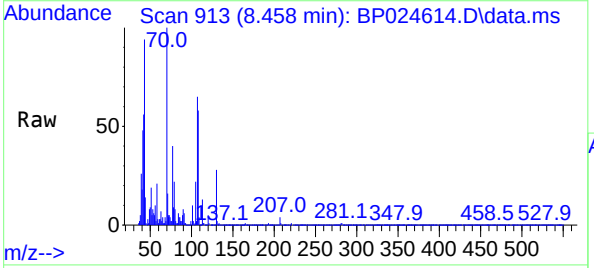
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

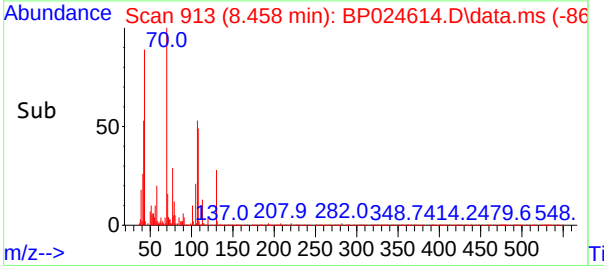
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.0
71	36.5





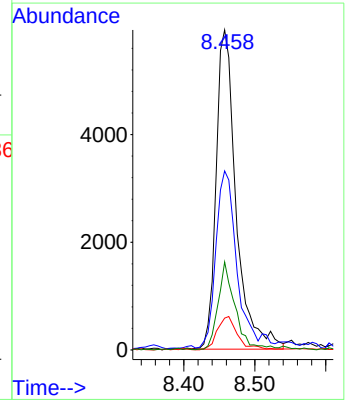


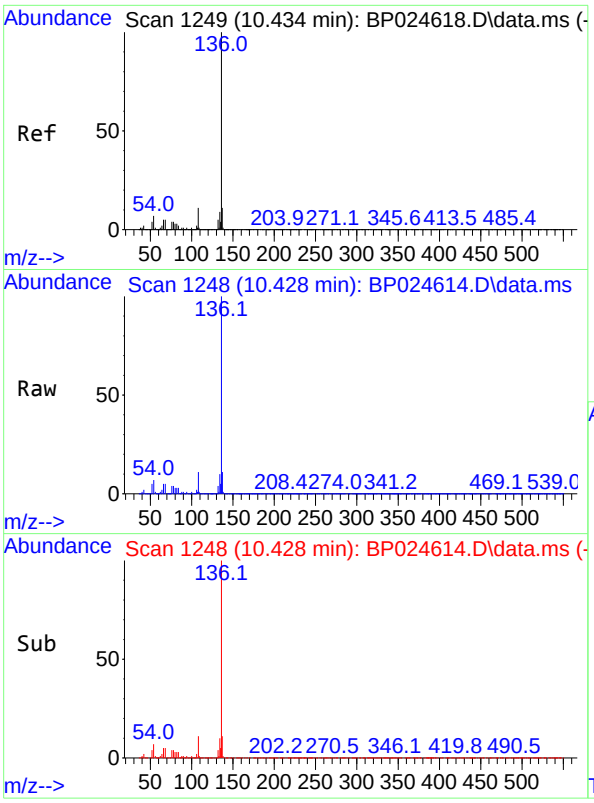


#19
n-Nitroso-di-n-propylamine
Concen: 2.13 ng
RT: 8.458 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 70 Resp: 11601

Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.0	64.6
101	10.0	8.7	13.1
130	27.5	19.4	29.0



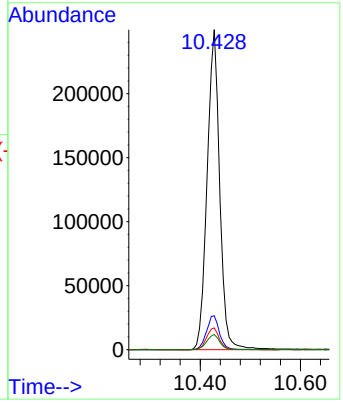


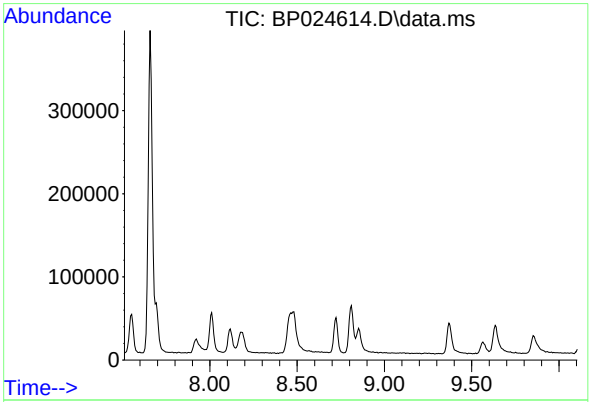
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 434352

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	4.7	4.2	6.2



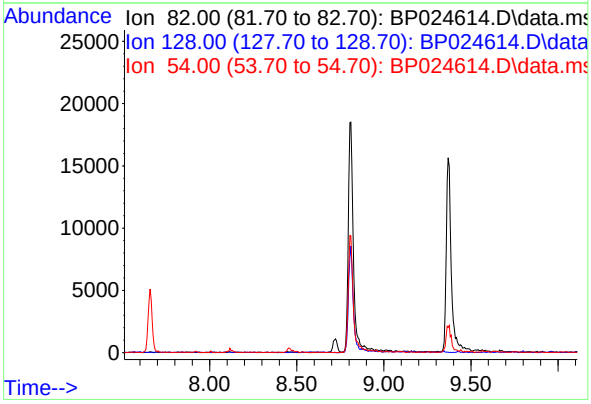


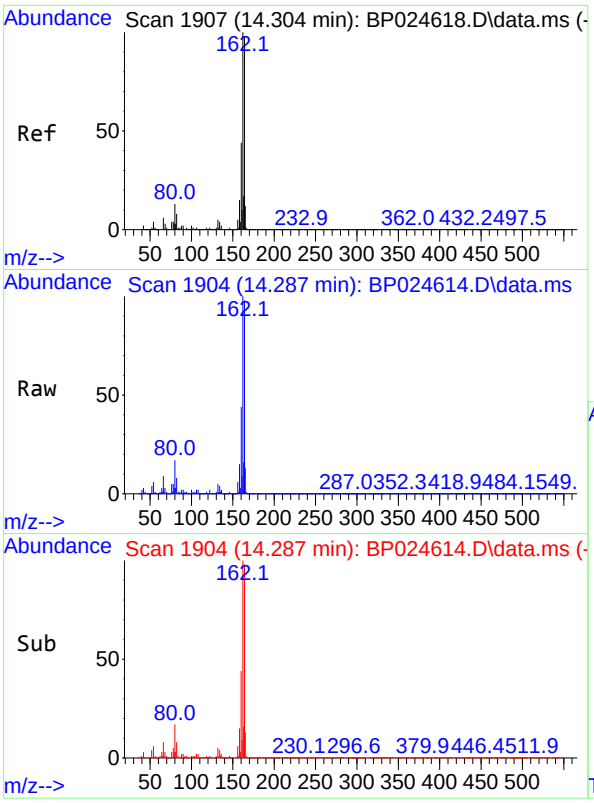
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 8.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.2
54	48.4



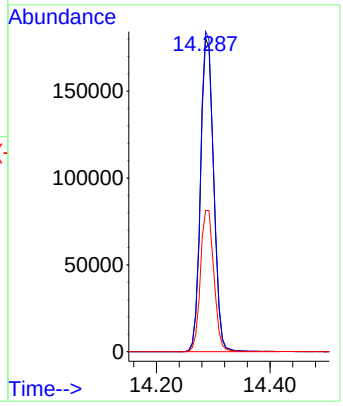


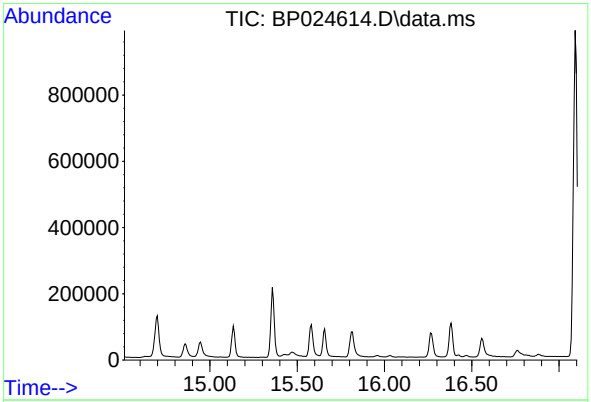
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 287970

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	45.1	36.3	54.5



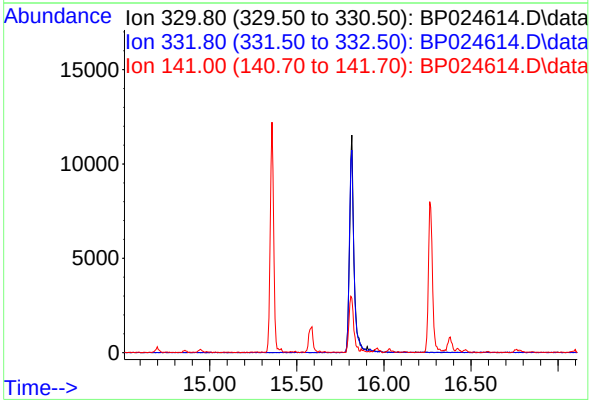


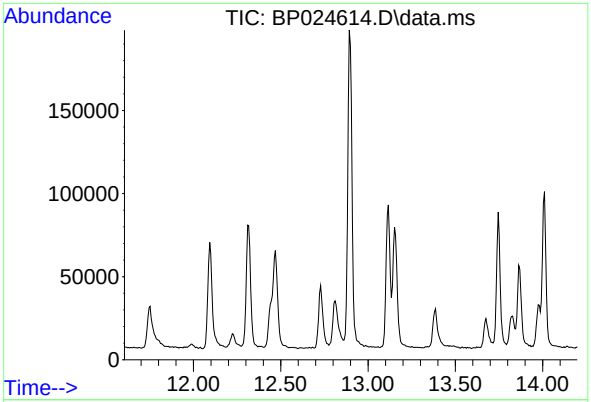
#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.8
141	30.4





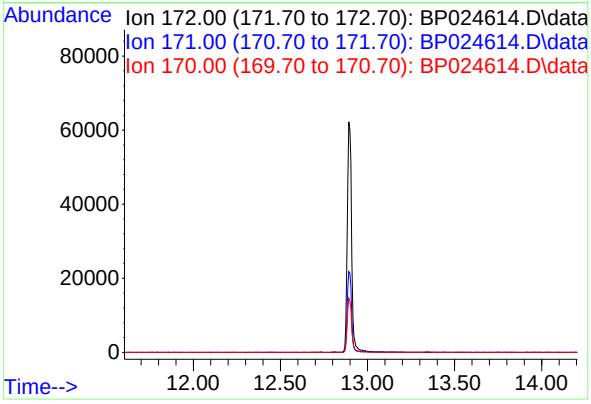
#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.90 min

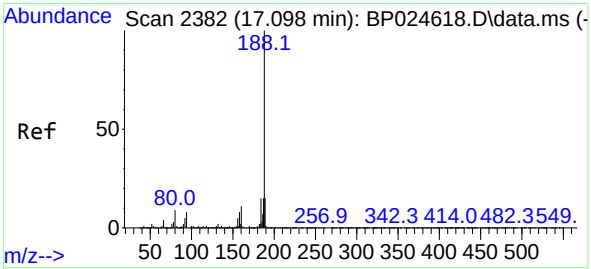
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.0
170	23.5

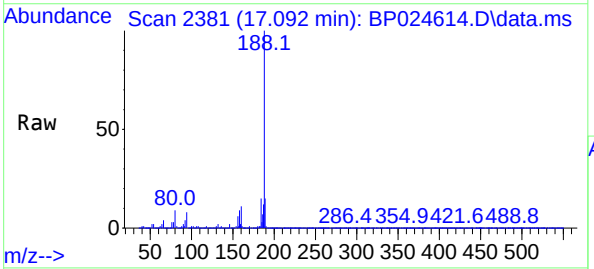


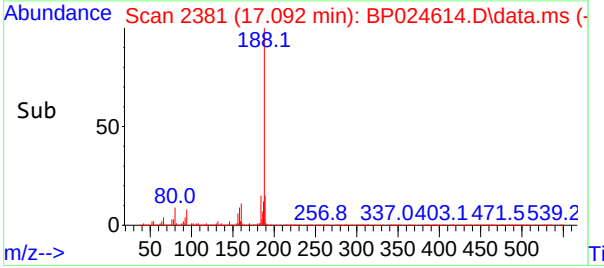


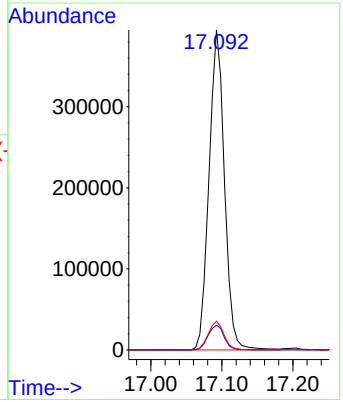
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

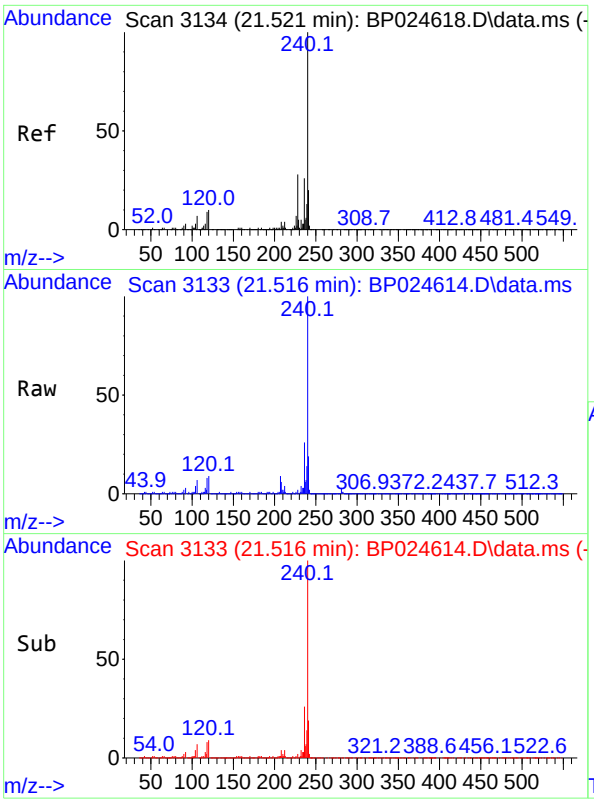
Tgt Ion:188 Resp: 596044

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.9	7.3	10.9







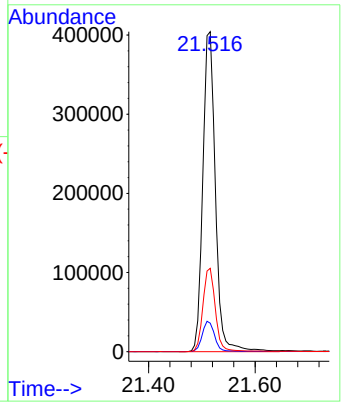


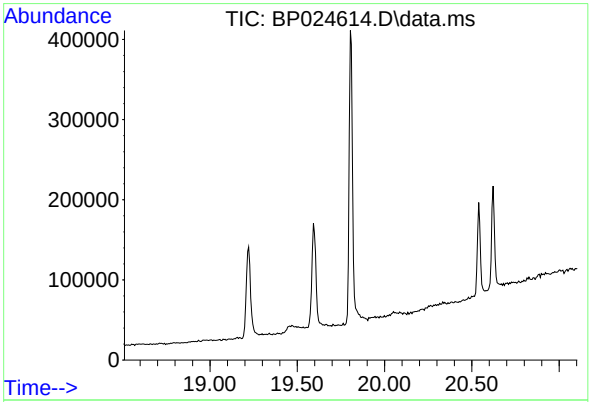
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 663028

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.8	11.6
236	26.1	20.6	31.0



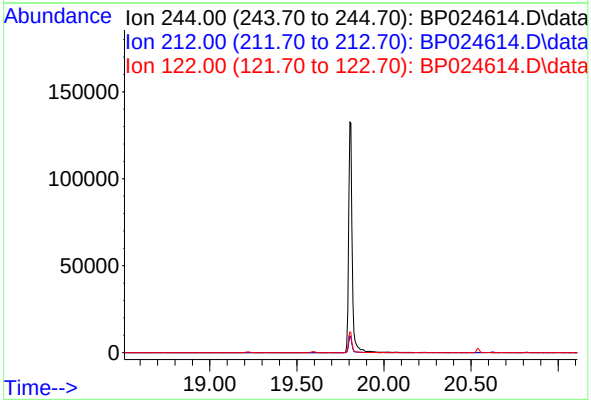


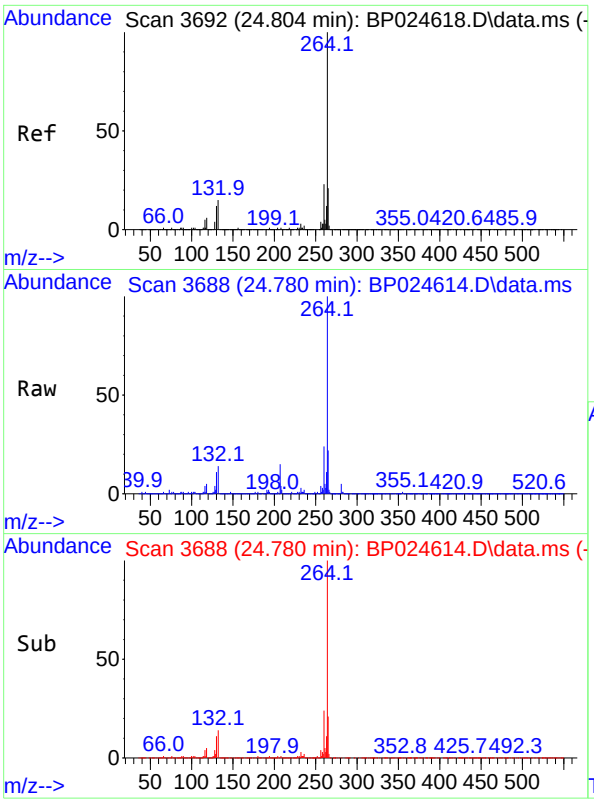
#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.9
122	9.2



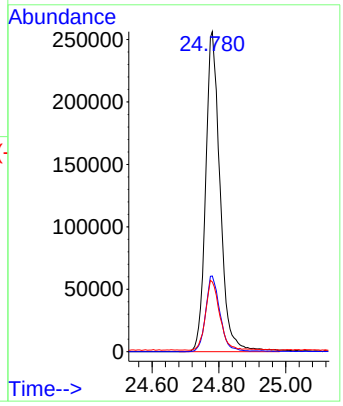


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.780 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 769627

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.0	25.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	90088	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	378055	20.00	ng		0.00
39) Acenaphthene-d10	14.293	164	254561	20.00	ng		-0.01
64) Phenanthrene-d10	17.092	188	531548	20.00	ng		0.00
76) Chrysene-d12	21.522	240	614288	20.00	ng		0.00
86) Perylene-d12	24.810	264	724260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	51093	9.70	ng		0.00
7) Phenol-d6	6.858	99	58619	8.72	ng		0.00
23) Nitrobenzene-d5	8.811	82	72056	9.63	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	41219	9.55	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	203719	10.48	ng		0.00
79) Terphenyl-d14	19.822	244	366245	10.22	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	14435	5.84	ng		95
3) Pyridine	3.646	79	23737	4.33	ng	#	91
4) n-Nitrosodimethylamine	3.546	42	12080	4.99	ng	#	96
6) Aniline	7.011	93	38664	4.45	ng		97
8) 2-Chlorophenol	7.240	128	27022	4.52	ng		93
9) Benzaldehyde	6.828	77	22328m	5.14	ng		
10) Phenol	6.887	94	30912	4.46	ng		98
11) bis(2-Chloroethyl)ether	7.099	93	29668	5.20	ng		97
12) 1,3-Dichlorobenzene	7.552	146	35946	5.23	ng		96
13) 1,4-Dichlorobenzene	7.699	146	35091	5.07	ng		95
14) 1,2-Dichlorobenzene	8.011	146	34458	5.11	ng		99
15) Benzyl Alcohol	7.917	79	19888	3.89	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.193	45	34754	5.09	ng		95
17) 2-Methylphenol	8.116	107	21754	4.37	ng		97
18) Hexachloroethane	8.728	117	13650	5.15	ng		96
19) n-Nitroso-di-n-propyla...	8.464	70	22015	4.73	ng		98
20) 3+4-Methylphenols	8.452	107	27500	4.06	ng		97
22) Acetophenone	8.487	105	45968	4.87	ng	#	99
24) Nitrobenzene	8.852	77	31500	4.78	ng		97
25) Isophorone	9.375	82	60855	4.69	ng		98
26) 2-Nitrophenol	9.569	139	12786	3.96	ng		95
27) 2,4-Dimethylphenol	9.628	122	25830	4.54	ng		92
28) bis(2-Chloroethoxy)met...	9.858	93	38071	4.91	ng		97
29) 2,4-Dichlorophenol	10.122	162	23623	4.29	ng		97
30) 1,2,4-Trichlorobenzene	10.299	180	32699	5.26	ng		99
31) Naphthalene	10.481	128	100564	5.13	ng		100
33) 4-Chloroaniline	10.616	127	32908	4.16	ng		99
34) Hexachlorobutadiene	10.763	225	21834	5.43	ng		95
35) Caprolactam	11.399	113	7742m	3.88	ng		
36) 4-Chloro-3-methylphenol	11.746	107	29849	4.44	ng		95
37) 2-Methylnaphthalene	12.099	142	63562	5.01	ng		99
38) 1-Methylnaphthalene	12.316	142	70043	5.16	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	37738	5.11	ng		99
41) Hexachlorocyclopentadiene	12.446	237	15939	3.56	ng		93
43) 2,4,6-Trichlorophenol	12.722	196	19429	4.06	ng		92
44) 2,4,5-Trichlorophenol	12.816	196	23918	4.49	ng		93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

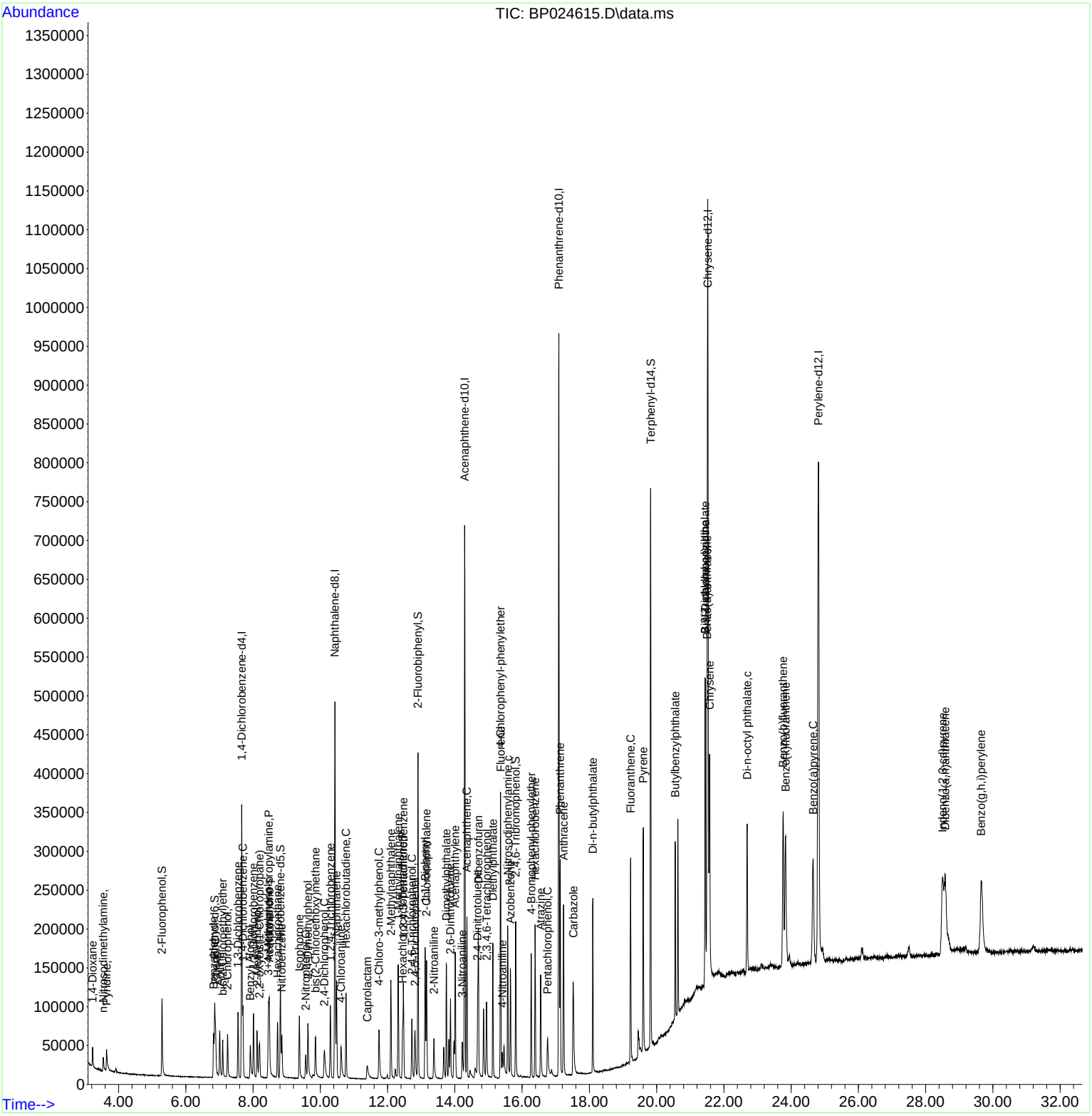
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.116	154	96956	5.15	ng		98
47) 2-Chloronaphthalene	13.157	162	72977	5.09	ng		99
48) 2-Nitroaniline	13.381	65	17778	4.19	ng		98
49) Acenaphthylene	14.010	152	117448	4.89	ng		99
50) Dimethylphthalate	13.751	163	99940	5.15	ng		100
51) 2,6-Dinitrotoluene	13.869	165	19052	4.65	ng	#	85
52) Acenaphthene	14.357	154	70302	5.09	ng		96
53) 3-Nitroaniline	14.222	138	16400	3.92	ng		97
55) Dibenzofuran	14.698	168	115180	5.23	ng		98
57) 2,4-Dinitrotoluene	14.675	165	25481	4.41	ng		92
58) Fluorene	15.363	166	93303	5.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.946	232	23382	4.73	ng		98
60) Diethylphthalate	15.134	149	101366	5.17	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	47886	5.35	ng		98
62) 4-Nitroaniline	15.410	138	14482m	3.55	ng		
63) Azobenzene	15.651	77	84462	5.03	ng		99
66) n-Nitrosodiphenylamine	15.575	169	80078	4.90	ng		99
67) 4-Bromophenyl-phenylether	16.275	248	30702	4.90	ng		97
68) Hexachlorobenzene	16.387	284	40234	5.06	ng		99
69) Atrazine	16.551	200	27909	4.66	ng		98
70) Pentachlorophenol	16.757	266	16456	3.68	ng		95
71) Phenanthrene	17.134	178	152030	5.14	ng		99
72) Anthracene	17.234	178	145809	4.90	ng		99
73) Carbazole	17.522	167	122666	4.56	ng		98
74) Di-n-butylphthalate	18.104	149	157014	4.54	ng		99
75) Fluoranthene	19.228	202	168865	4.89	ng		99
78) Pyrene	19.604	202	181817	4.94	ng		99
80) Butylbenzylphthalate	20.551	149	70341	4.30	ng		100
81) Benzo(a)anthracene	21.498	228	192110	4.98	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	54793	3.82	ng		99
83) Chrysene	21.575	228	186449	5.10	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	103286	4.29	ng		97
85) Di-n-octyl phthalate	22.692	149	160883	4.09	ng		99
87) Indeno(1,2,3-cd)pyrene	28.504	276	242814	4.59	ng	#	87
88) Benzo(b)fluoranthene	23.763	252	186058	4.49	ng		97
89) Benzo(k)fluoranthene	23.839	252	207645	4.86	ng		100
90) Benzo(a)pyrene	24.657	252	180157	4.52	ng		99
91) Dibenzo(a,h)anthracene	28.586	278	193373	4.50	ng		98
92) Benzo(g,h,i)perylene	29.651	276	199361	4.66	ng		98

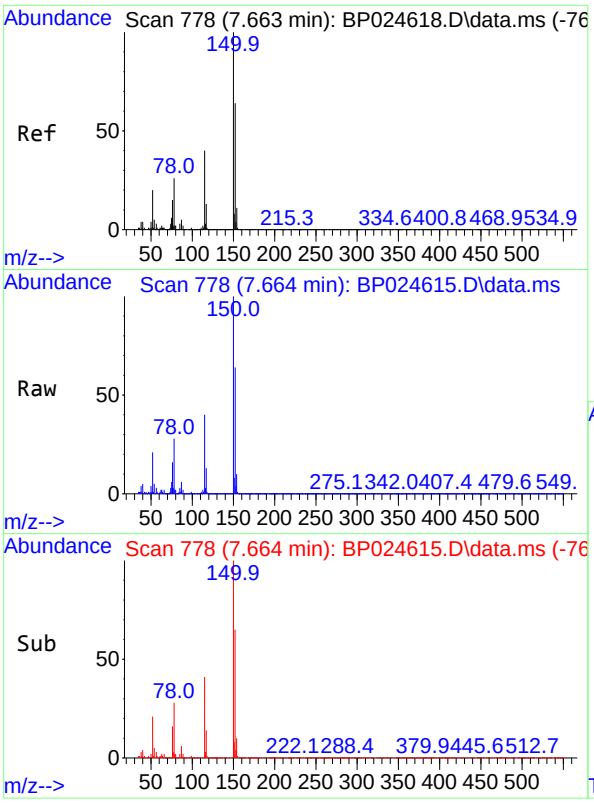
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



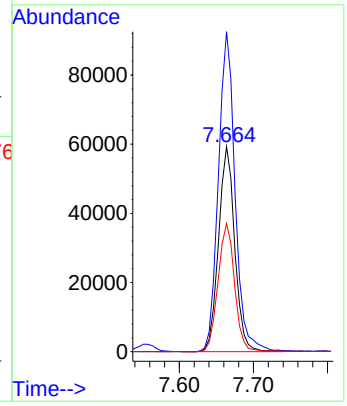


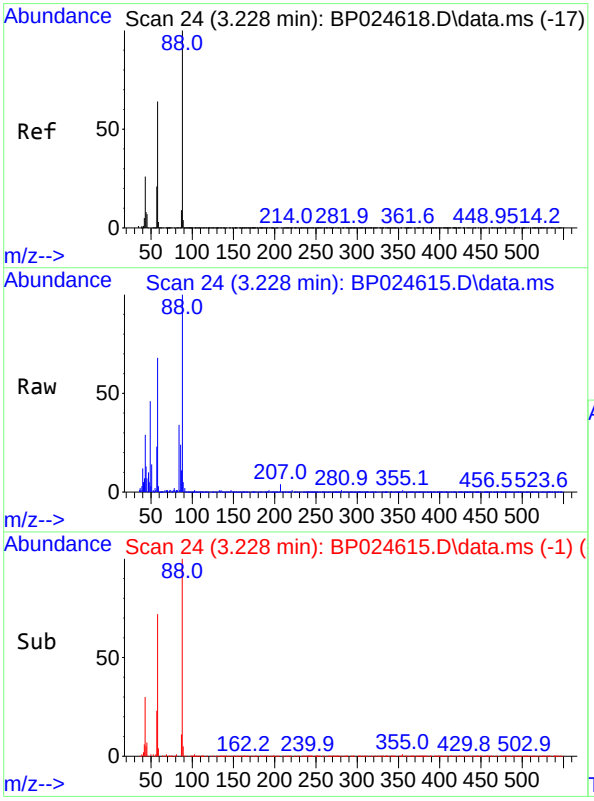
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 90088

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	62.5	50.1	75.1

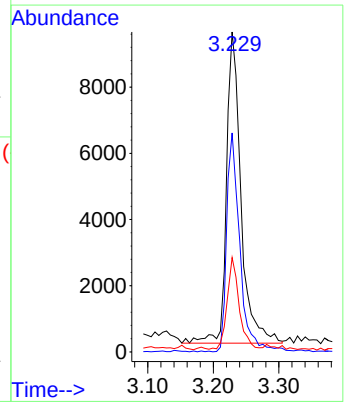


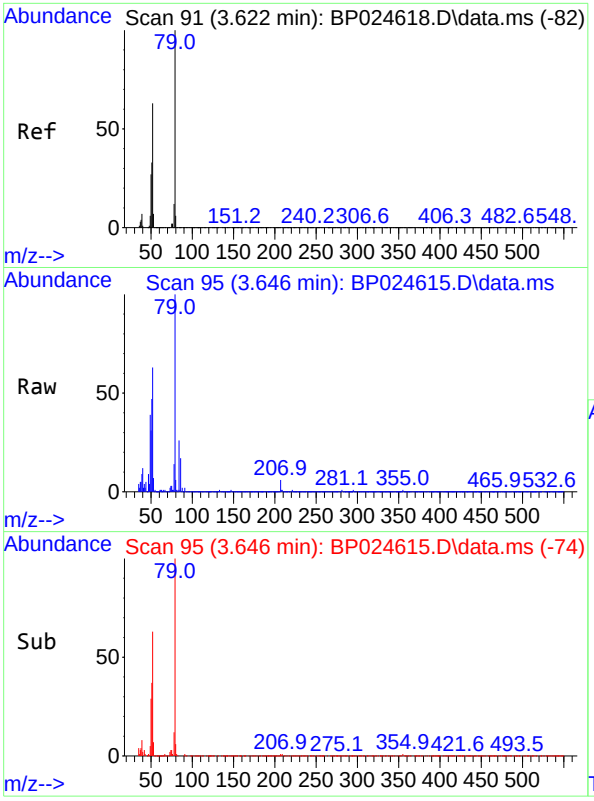


#2
1,4-Dioxane
Concen: 5.84 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 88 Resp: 14435

Ion	Ratio	Lower	Upper
88	100		
58	63.6	54.0	81.0
43	24.2	21.4	32.0



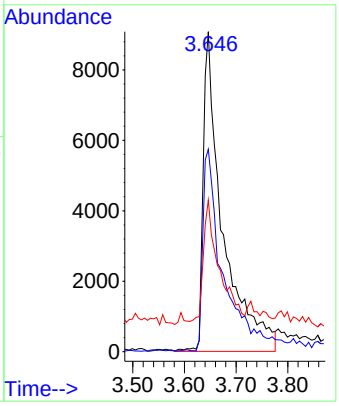


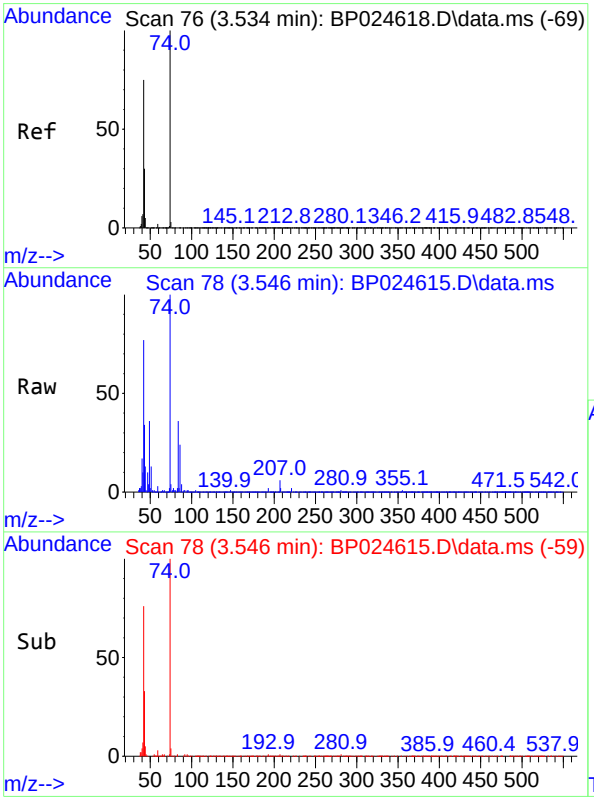
#3
Pyridine
Concen: 4.33 ng
RT: 3.646 min Scan# 9
Delta R.T. 0.024 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 23737

Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	47.4	26.8	40.2#

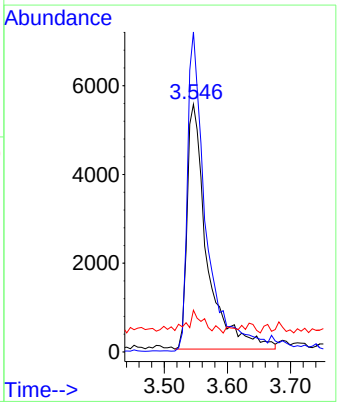


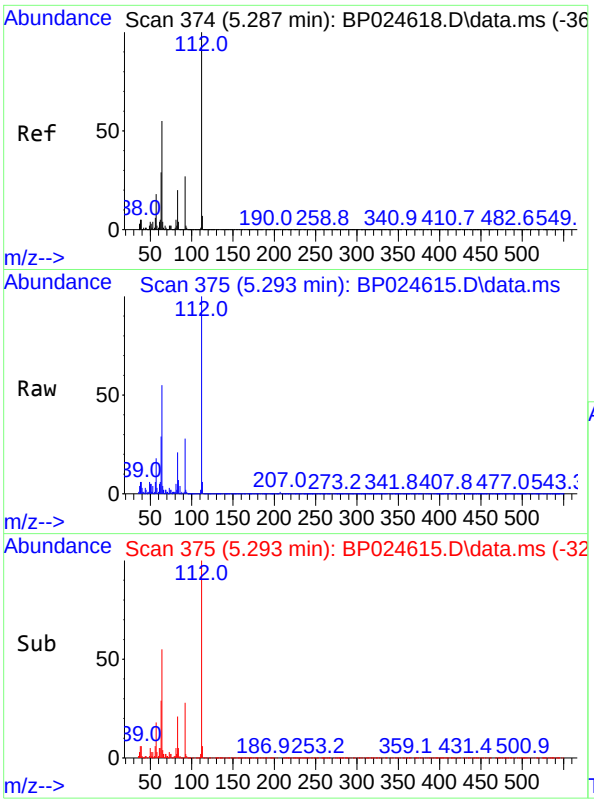


#4
n-Nitrosodimethylamine
Concen: 4.99 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 42 Resp: 12080

Ion	Ratio	Lower	Upper
42	100		
74	129.2	106.2	159.2
44	16.9	5.4	8.2#



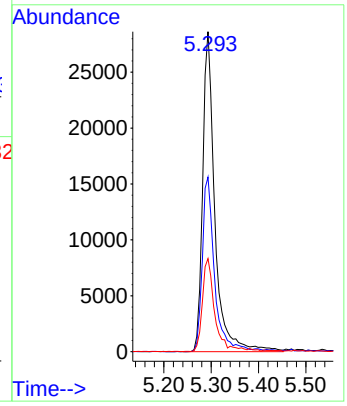


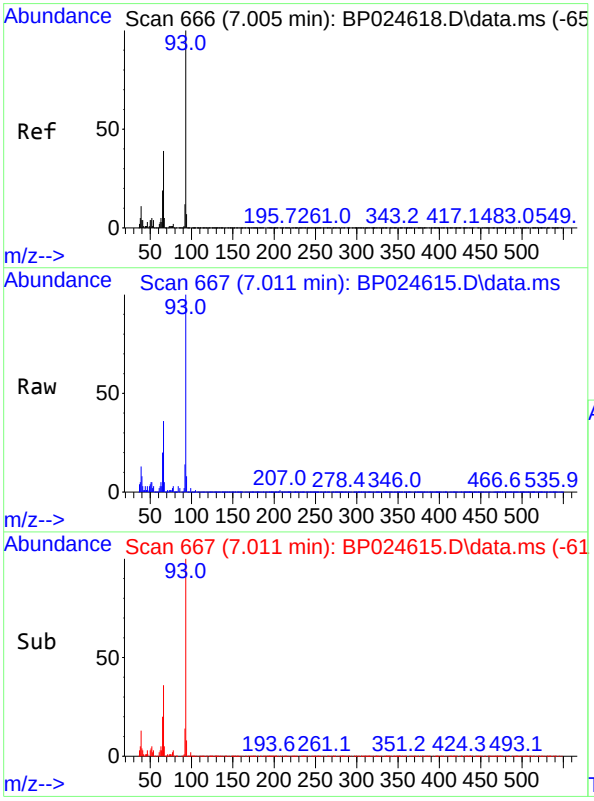
#5
2-Fluorophenol
Concen: 9.70 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 51093

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.1	66.1
63	29.1	23.5	35.3

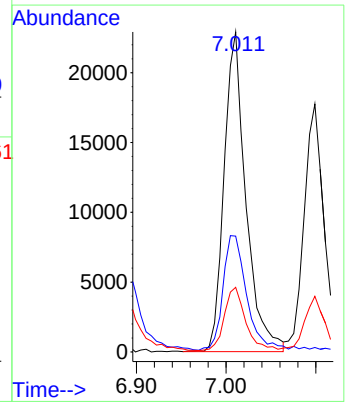


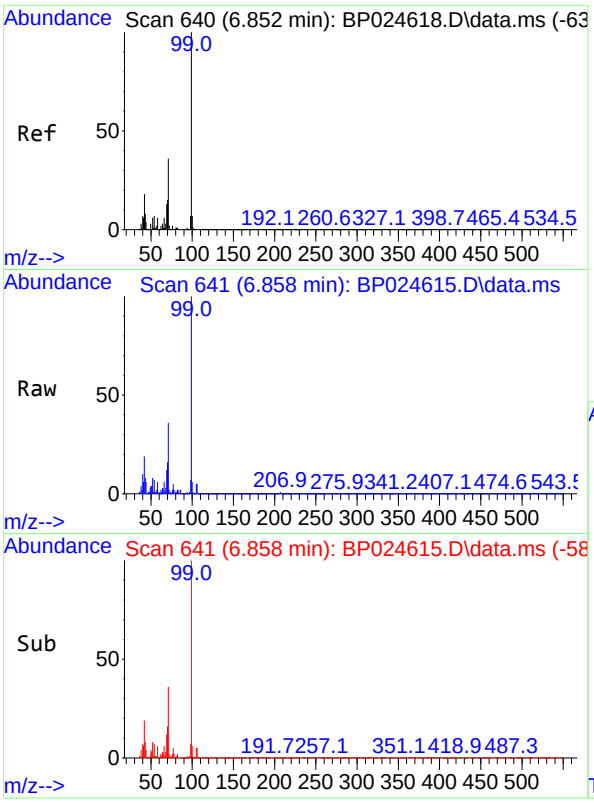


#6
Aniline
Concen: 4.45 ng
RT: 7.011 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 38664

Ion	Ratio	Lower	Upper
93	100		
66	36.2	31.0	46.6
65	20.2	15.5	23.3



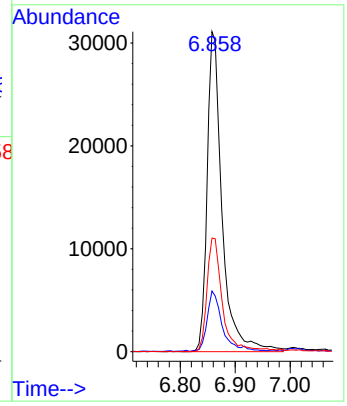


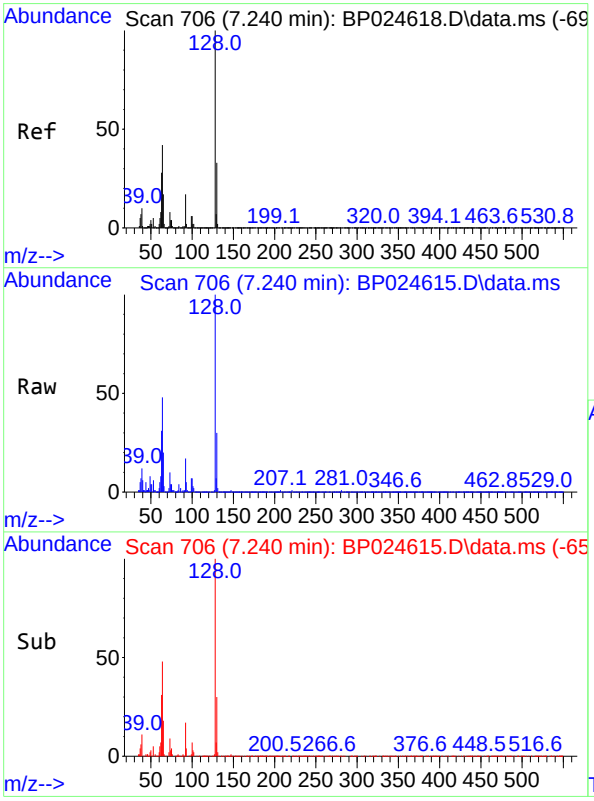
#7
Phenol-d6
Concen: 8.72 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 58619

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.4	21.6
71	35.5	29.2	43.8

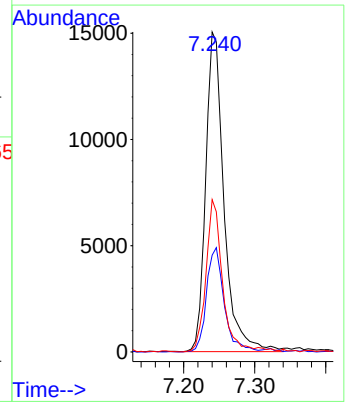


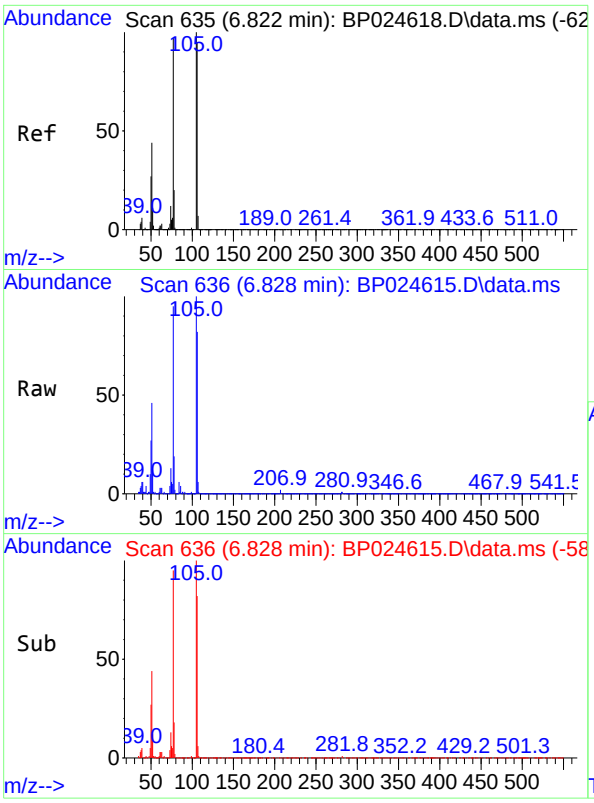


#8
2-Chlorophenol
Concen: 4.52 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:128 Resp: 27022

Ion	Ratio	Lower	Upper
128	100		
130	30.3	13.0	53.0
64	47.6	22.3	62.3



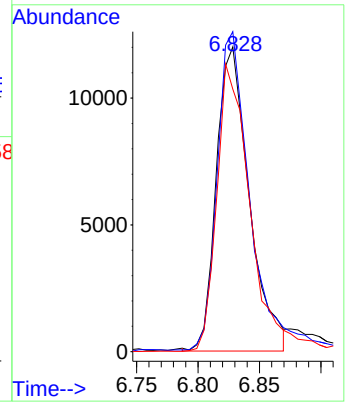


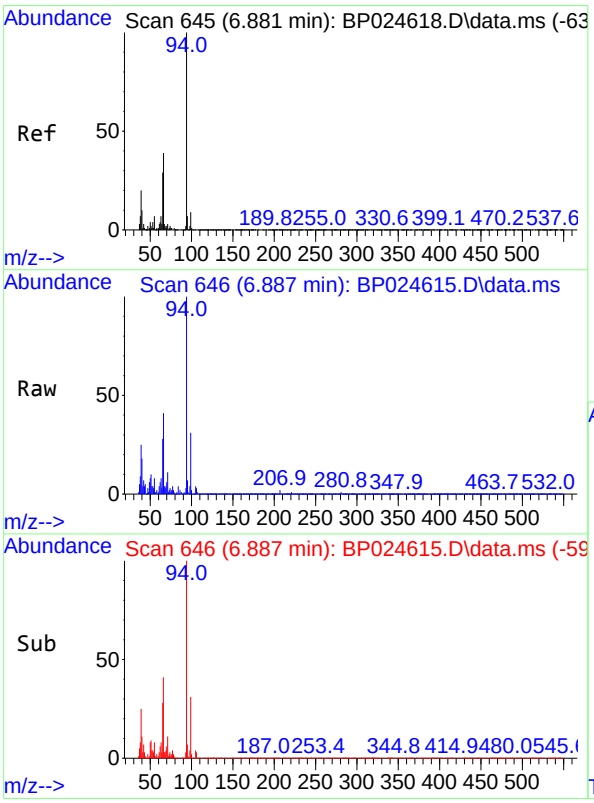
#9
Benzaldehyde
Concen: 5.14 ng m
RT: 6.828 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 22328

Ion	Ratio	Lower	Upper
77	100		
105	105.0	83.3	123.3
106	86.1	78.0	118.0

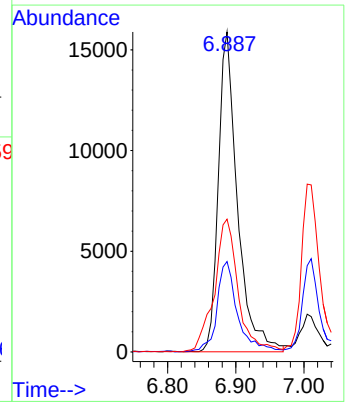


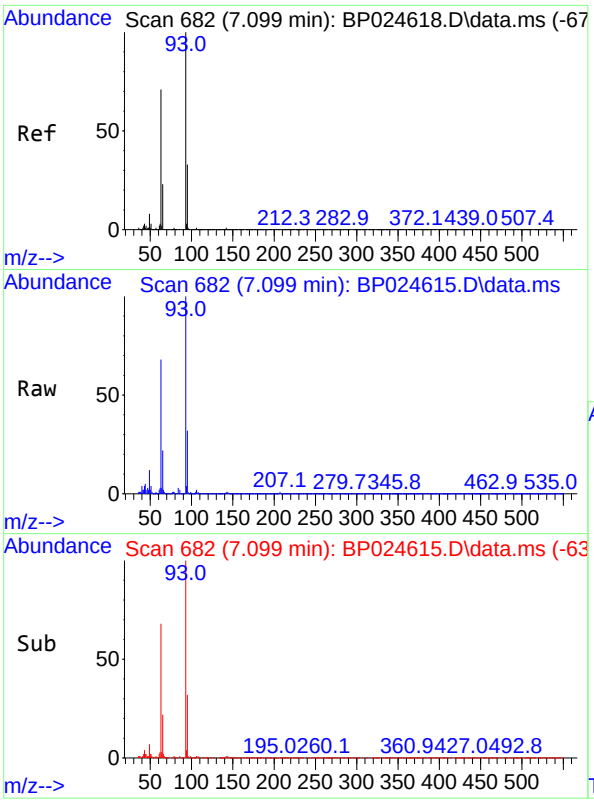


#10
Phenol
Concen: 4.46 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 94 Resp: 30912

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.7	48.7
66	41.5	19.4	59.4



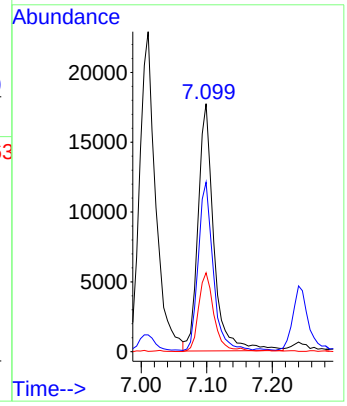


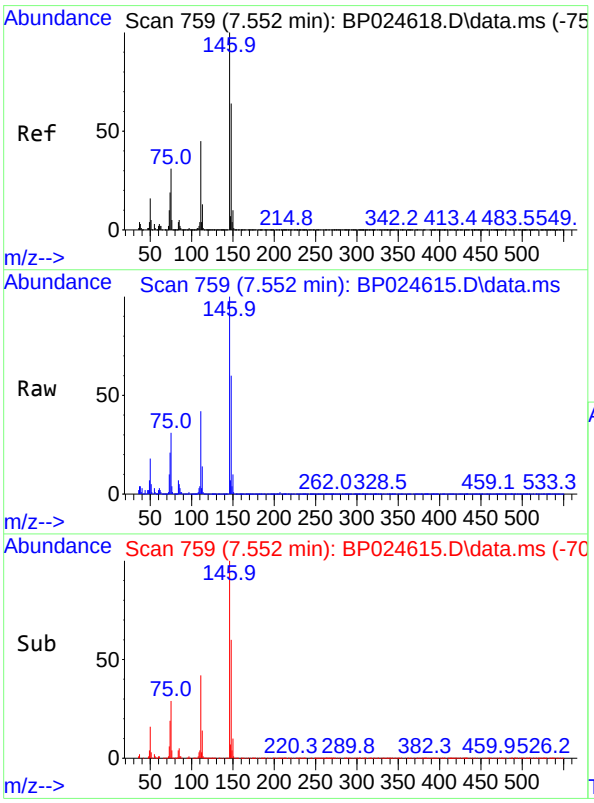
#11
bis(2-Chloroethyl)ether
Concen: 5.20 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 29668

Ion	Ratio	Lower	Upper
93	100		
63	68.3	50.6	90.6
95	31.8	12.9	52.9

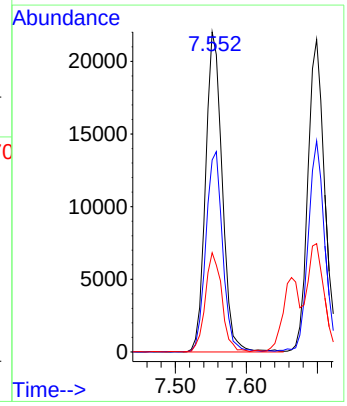


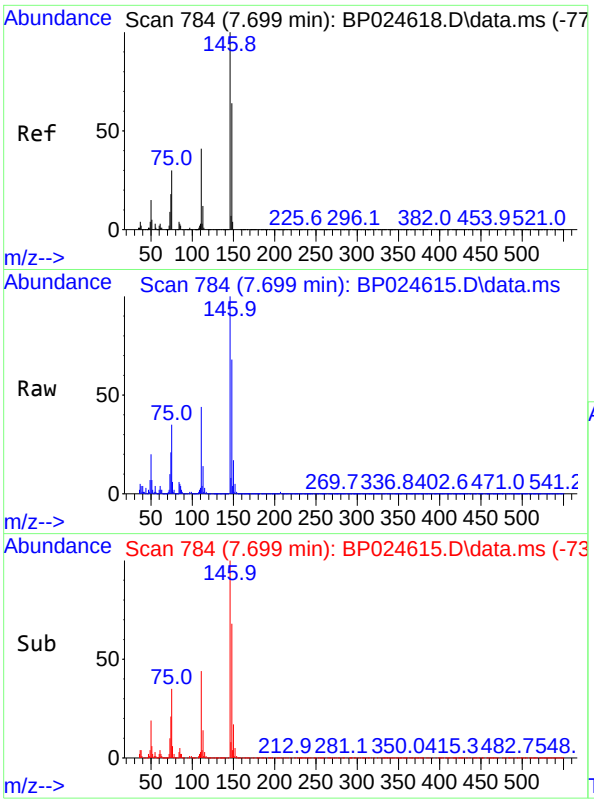


#12
1,3-Dichlorobenzene
Concen: 5.23 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 35946

Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.4	77.2
75	31.0	25.2	37.8



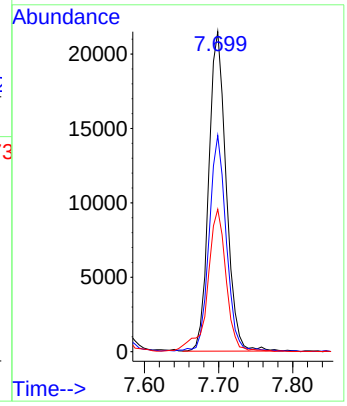


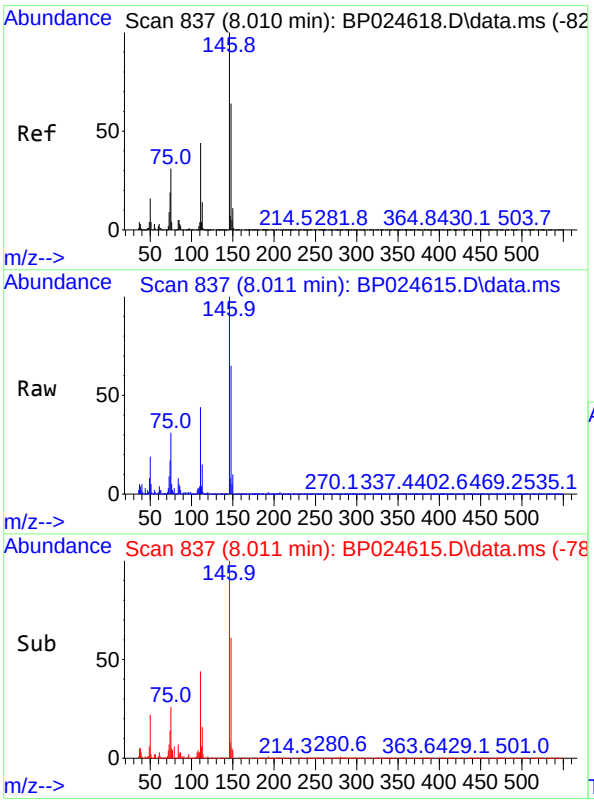
#13
1,4-Dichlorobenzene
Concen: 5.07 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 35091

Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.0	76.6
111	44.5	33.0	49.6

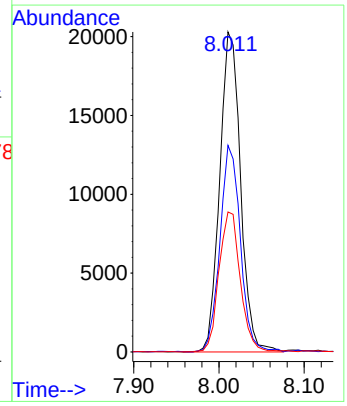


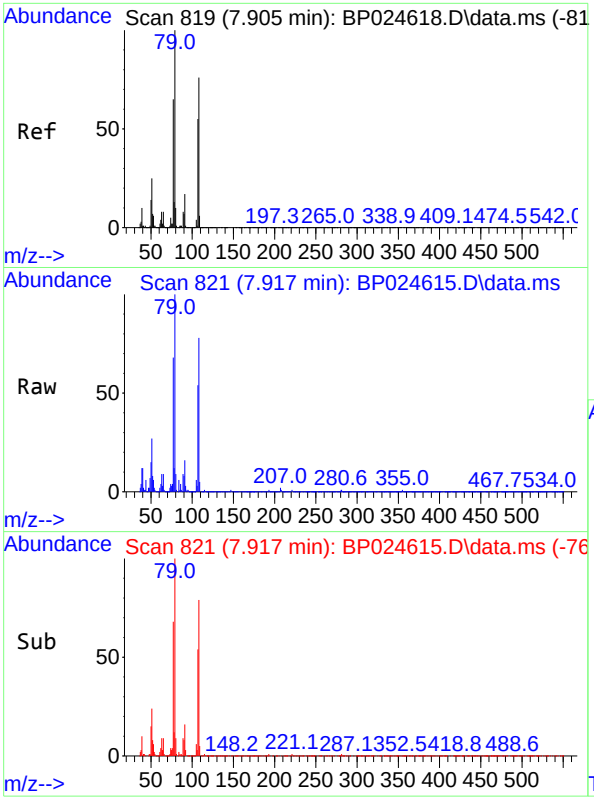


#14
1,2-Dichlorobenzene
Concen: 5.11 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 34458

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	43.7	35.2	52.8



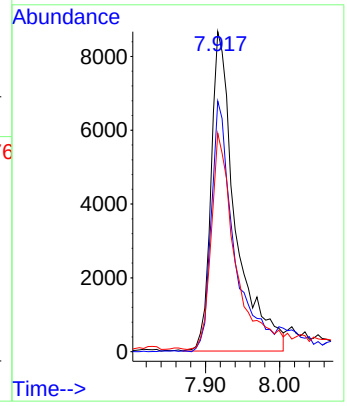


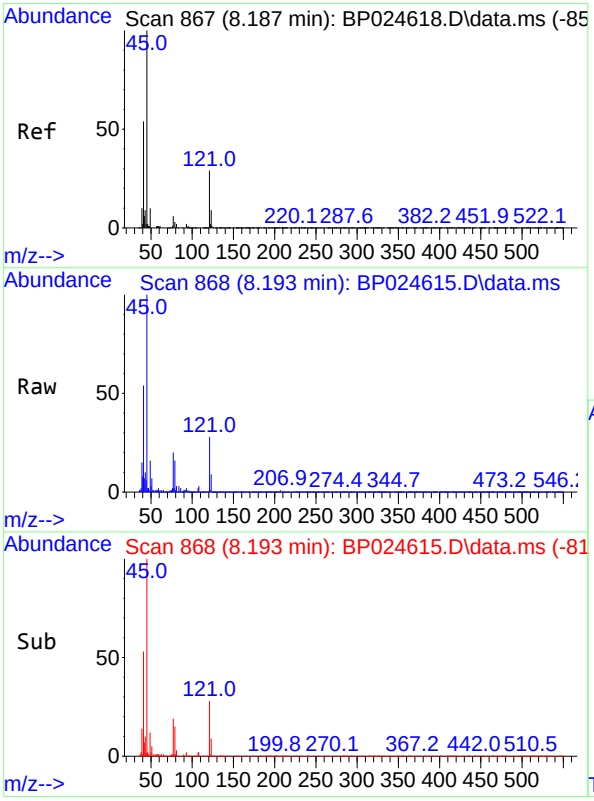
#15
Benzyl Alcohol
Concen: 3.89 ng
RT: 7.917 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 19888

Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.8	91.2
77	68.2	51.9	77.9

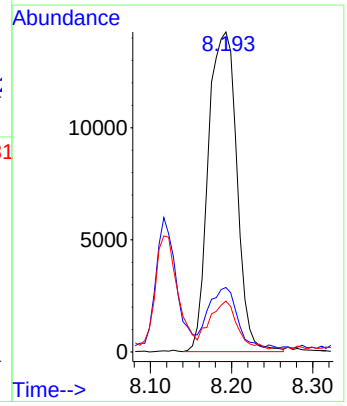


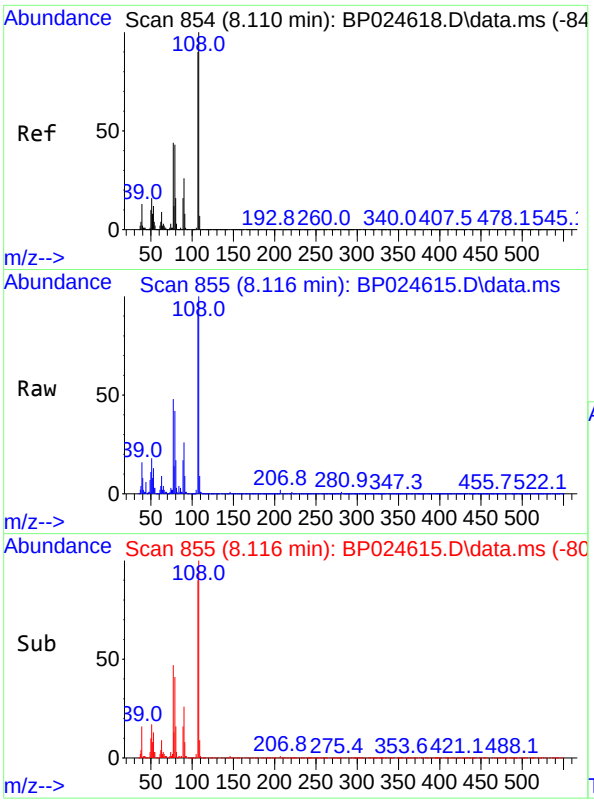


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.09 ng
RT: 8.193 min Scan# 868
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 45 Resp: 34754

Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	37.7
79	15.9	0.0	34.0



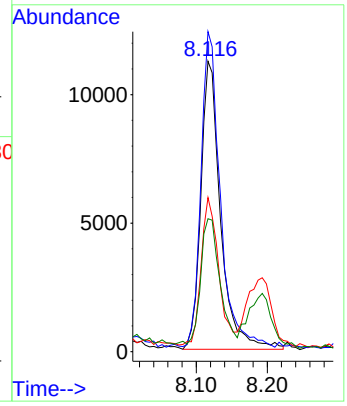


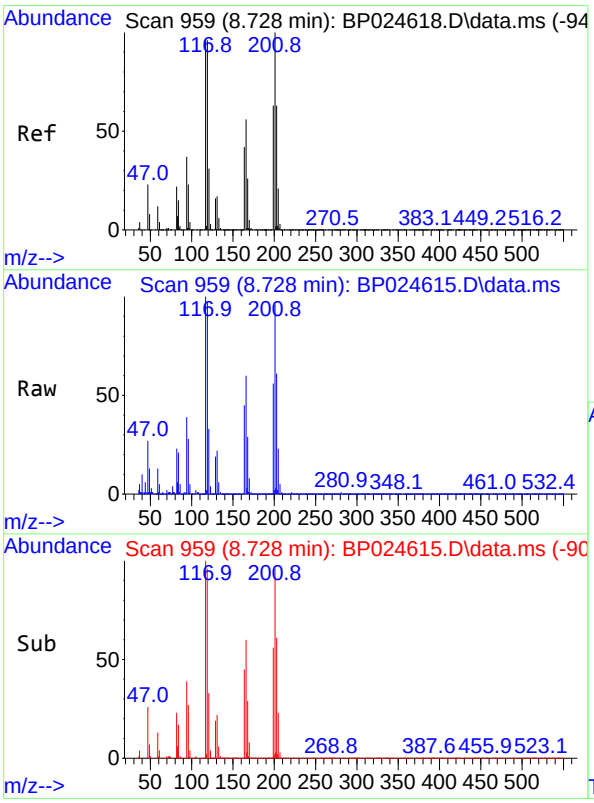
#17
2-Methylphenol
Concen: 4.37 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 21754

Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.9	133.3
77	53.0	39.0	58.6
79	45.8	38.4	57.6

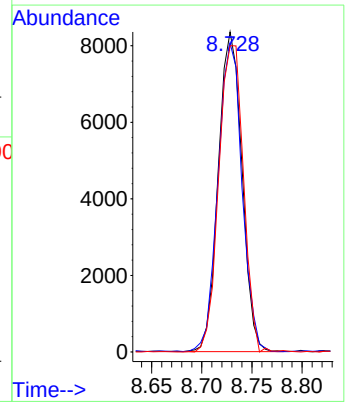


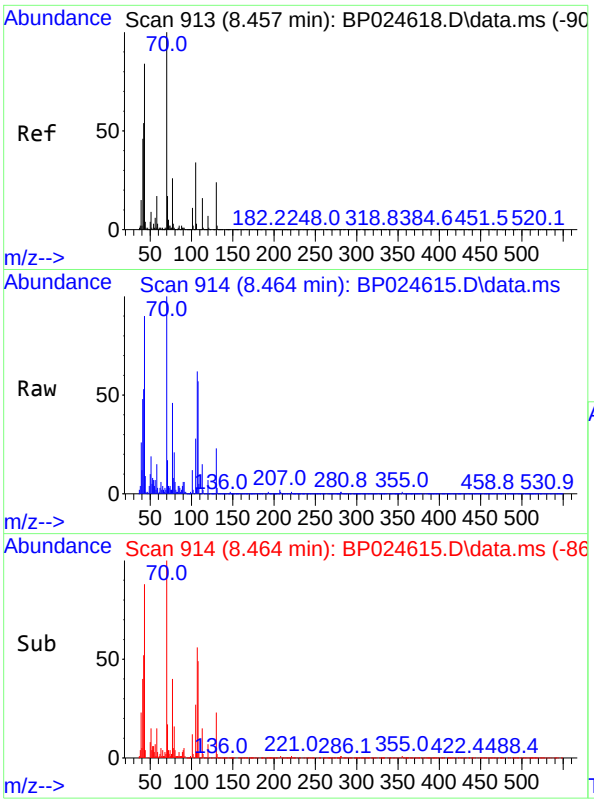


#18
Hexachloroethane
Concen: 5.15 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:117 Resp: 13650

Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.0
201	98.3	82.7	124.1



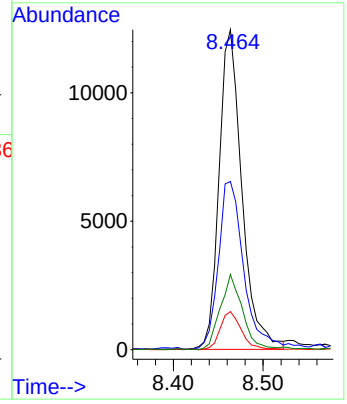


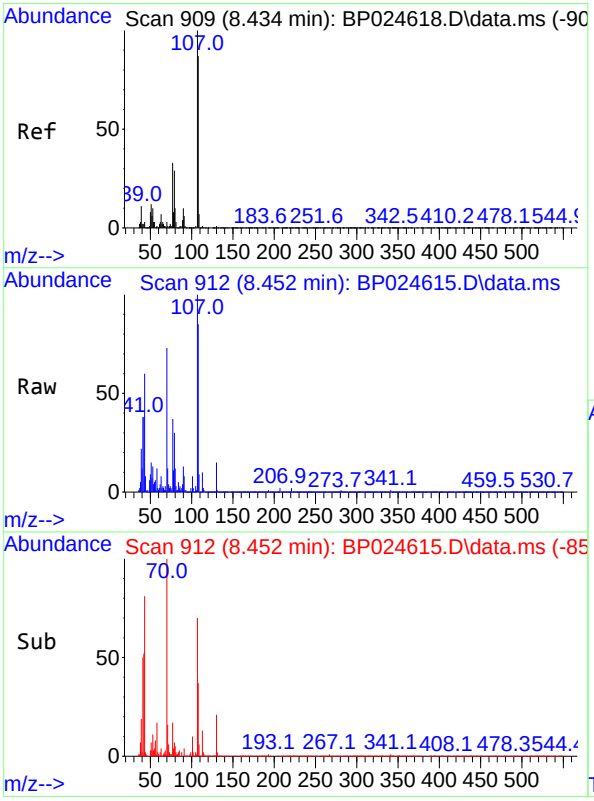
#19
n-Nitroso-di-n-propylamine
Concen: 4.73 ng
RT: 8.464 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 22015

Ion	Ratio	Lower	Upper
70	100		
42	52.6	43.0	64.6
101	11.9	8.7	13.1
130	23.5	19.4	29.0

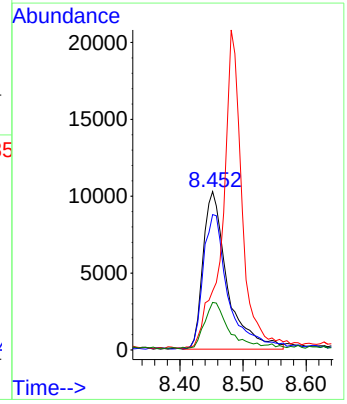


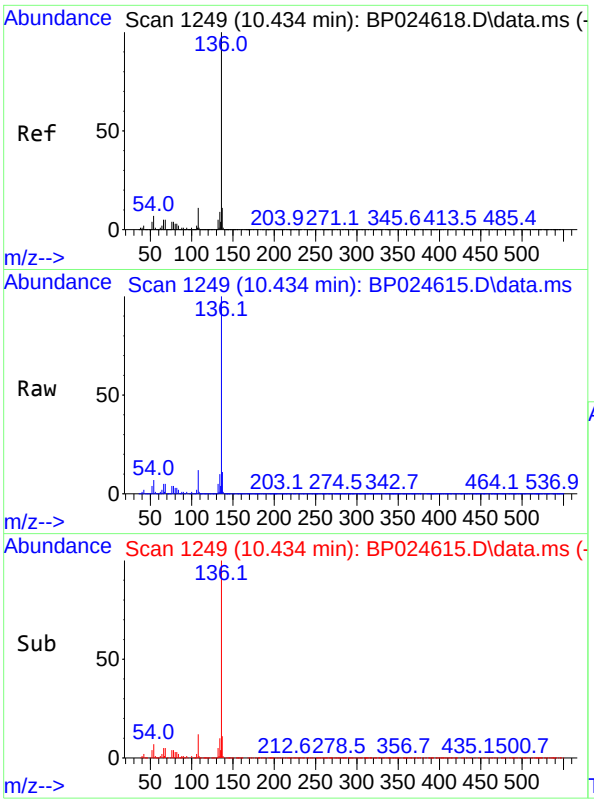


#20
3+4-Methylphenols
Concen: 4.06 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:107 Resp: 27500

Ion	Ratio	Lower	Upper
107	100		
108	85.4	66.7	106.7
77	37.3	13.1	53.1
79	29.9	8.9	48.9



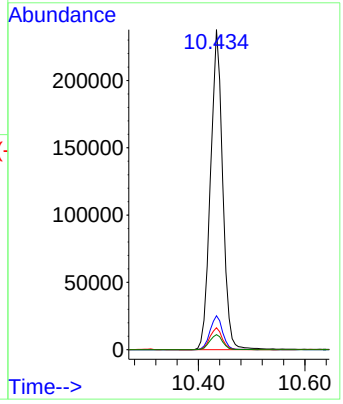


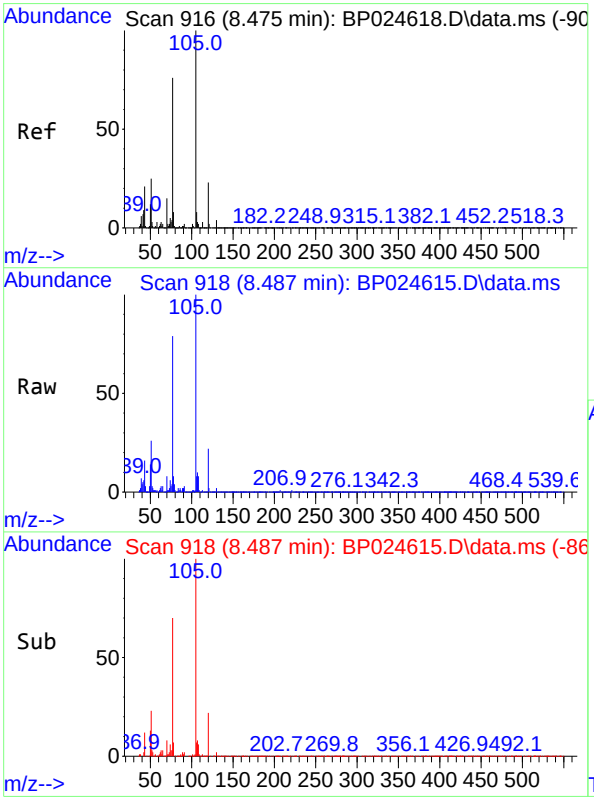
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 378055

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	4.7	4.2	6.2

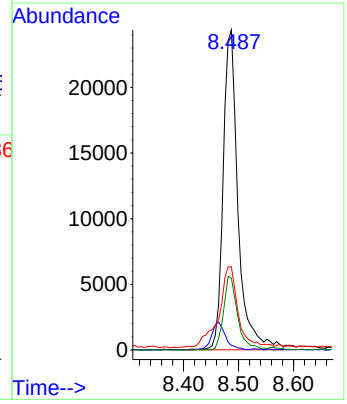


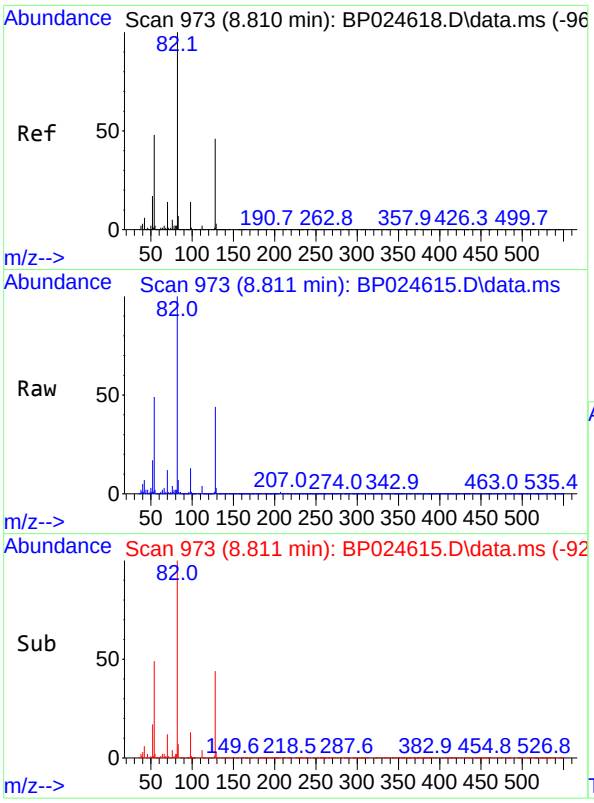


#22
Acetophenone
Concen: 4.87 ng
RT: 8.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:105 Resp: 45968

Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0#
51	26.0	20.4	30.6
120	22.4	18.1	27.1



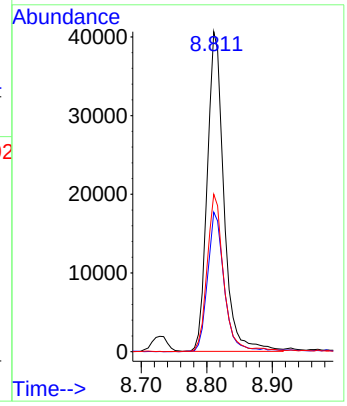


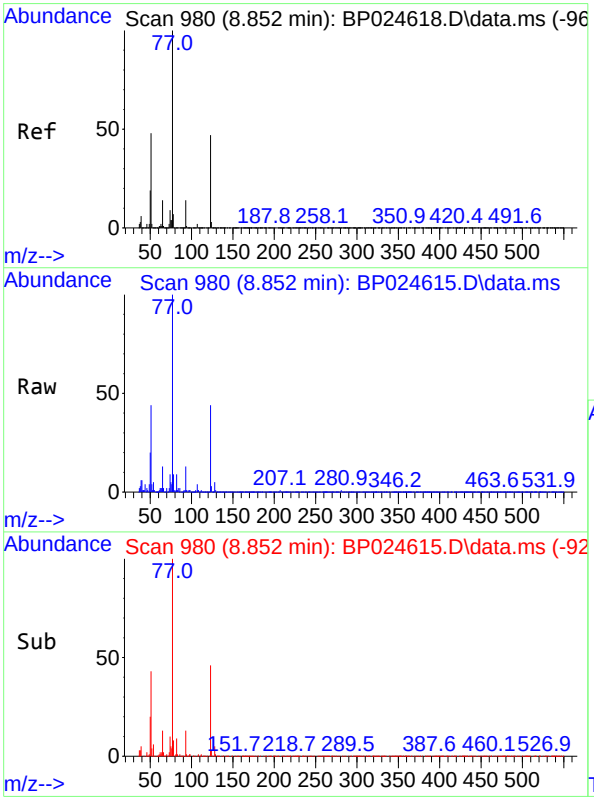
#23
Nitrobenzene-d5
Concen: 9.63 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 72056

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.0	55.4
54	49.2	38.7	58.1

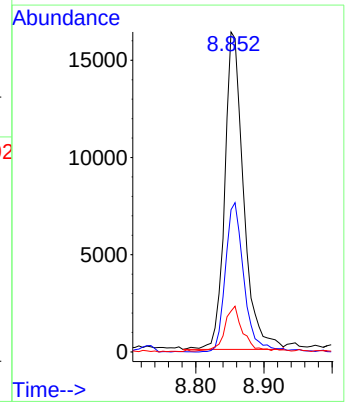


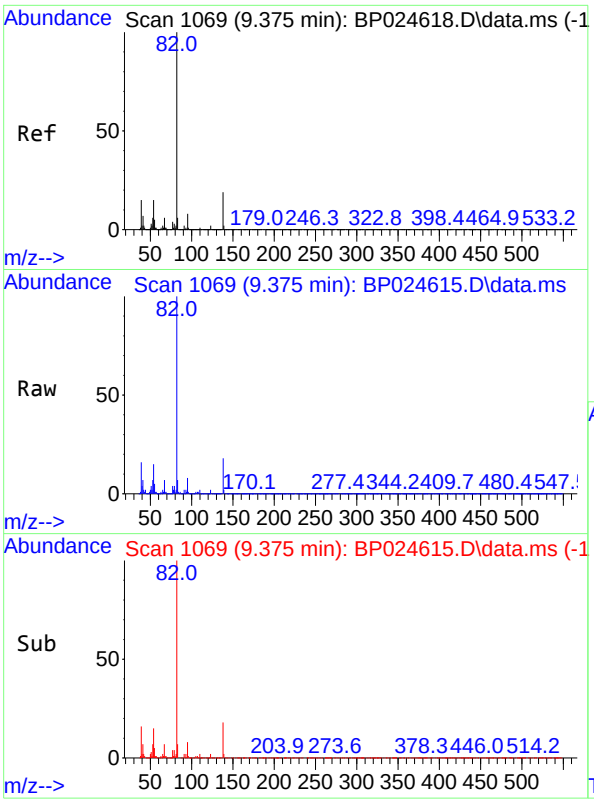


#24
Nitrobenzene
Concen: 4.78 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 31500

Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.4	56.0
65	12.7	11.3	16.9



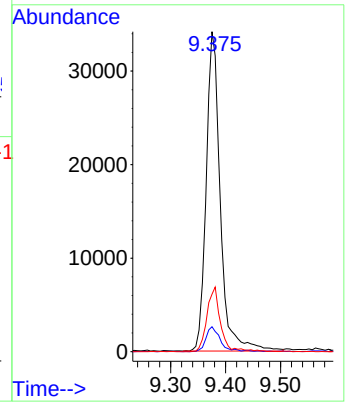


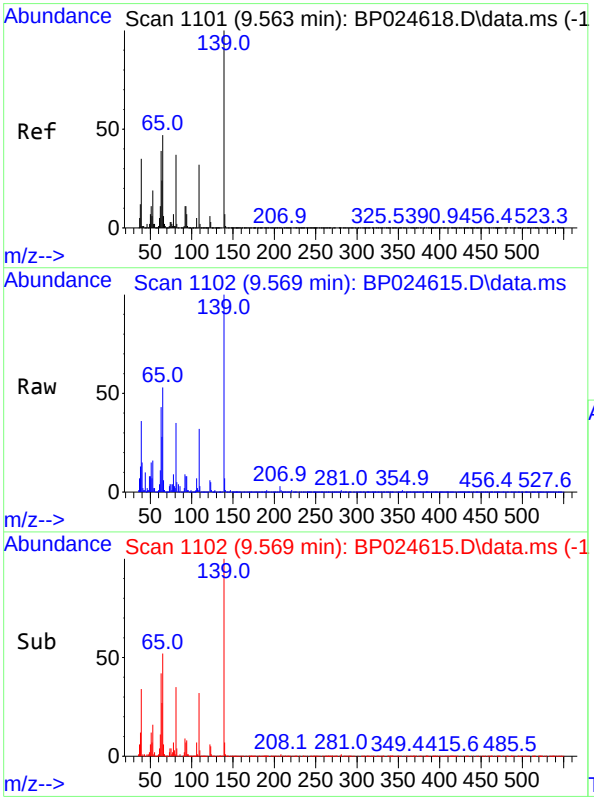
#25
Isophorone
Concen: 4.69 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 60855

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.3	9.5
138	17.9	15.3	22.9

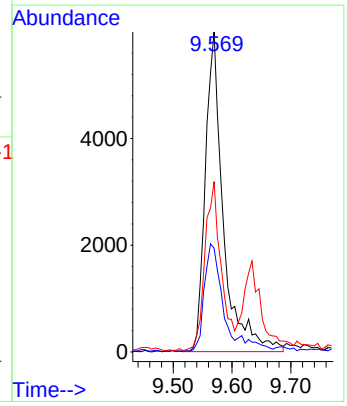


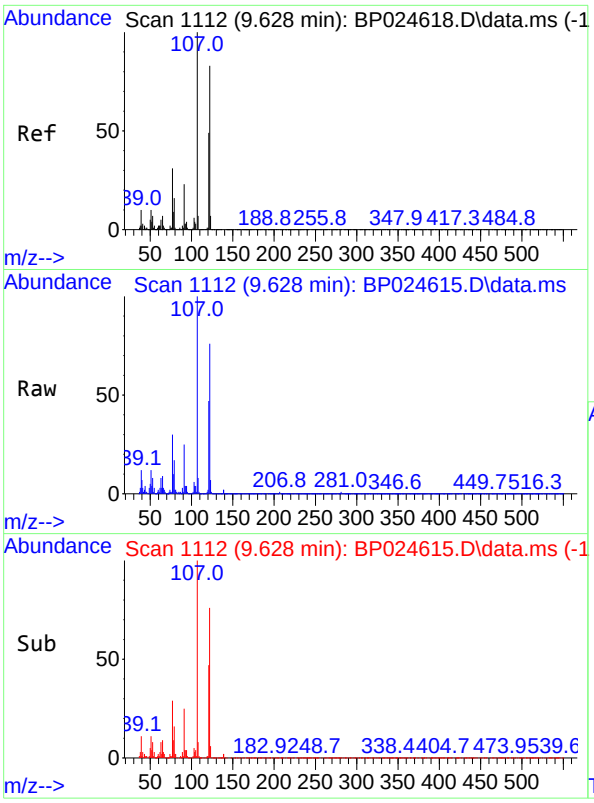


#26
2-Nitrophenol
Concen: 3.96 ng
RT: 9.569 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:139 Resp: 12786

Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.9	38.9
65	53.2	37.9	56.9



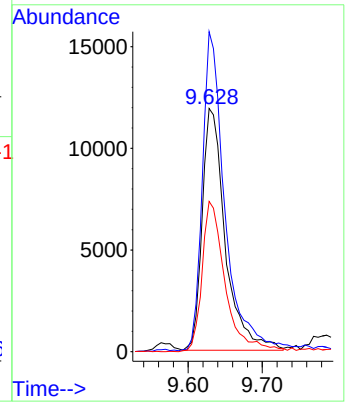


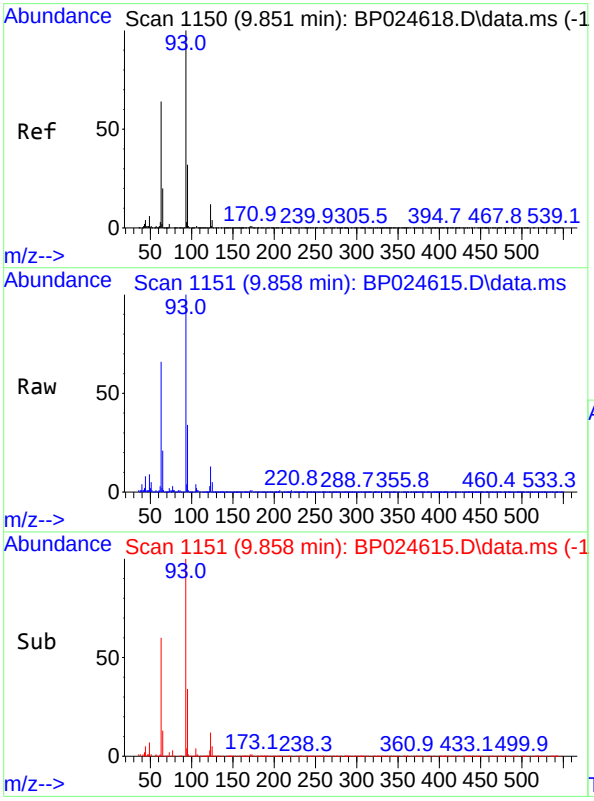
#27
2,4-Dimethylphenol
Concen: 4.54 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 25830

Ion	Ratio	Lower	Upper
122	100		
107	131.6	96.2	144.2
121	61.8	47.6	71.4

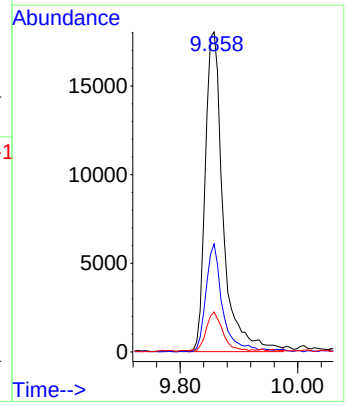


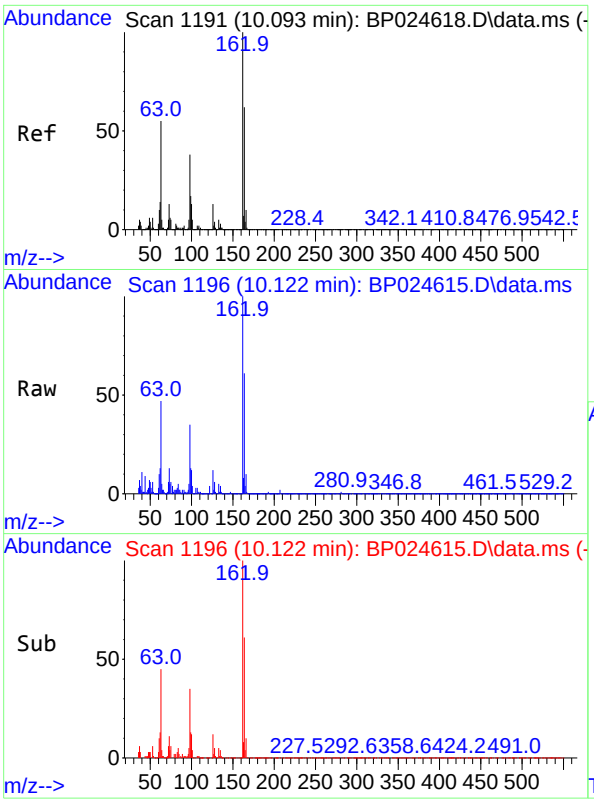


#28
bis(2-Chloroethoxy)methane
Concen: 4.91 ng
RT: 9.858 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 38071

Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	12.5	9.7	14.5



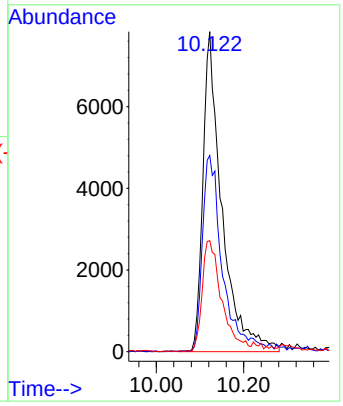


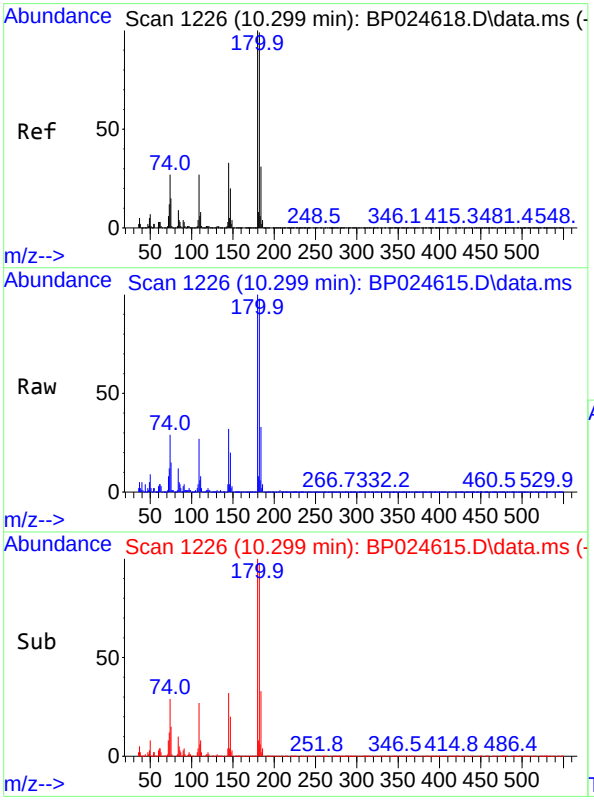
#29
2,4-Dichlorophenol
Concen: 4.29 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.030 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 23623

Ion	Ratio	Lower	Upper
162	100		
164	61.3	42.3	82.3
98	34.7	18.4	58.4

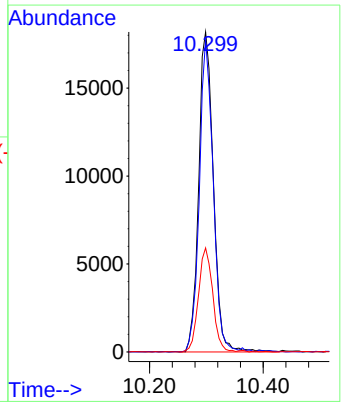


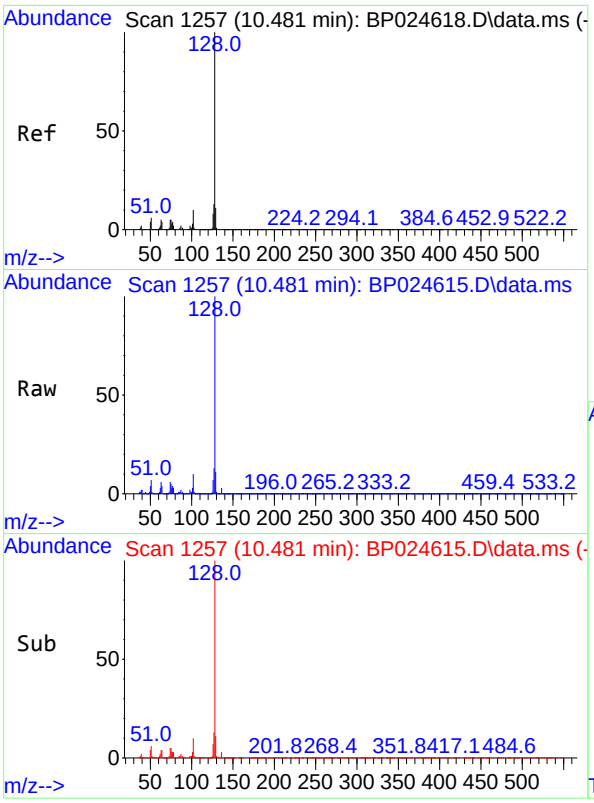


#30
1,2,4-Trichlorobenzene
Concen: 5.26 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:180 Resp: 32699

Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.0	118.4
145	32.5	26.6	39.8



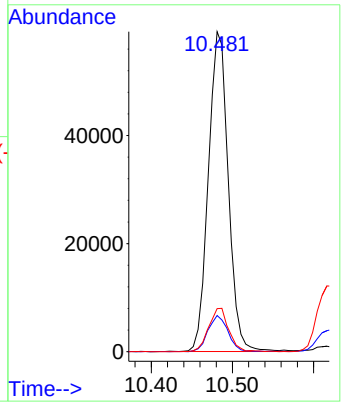


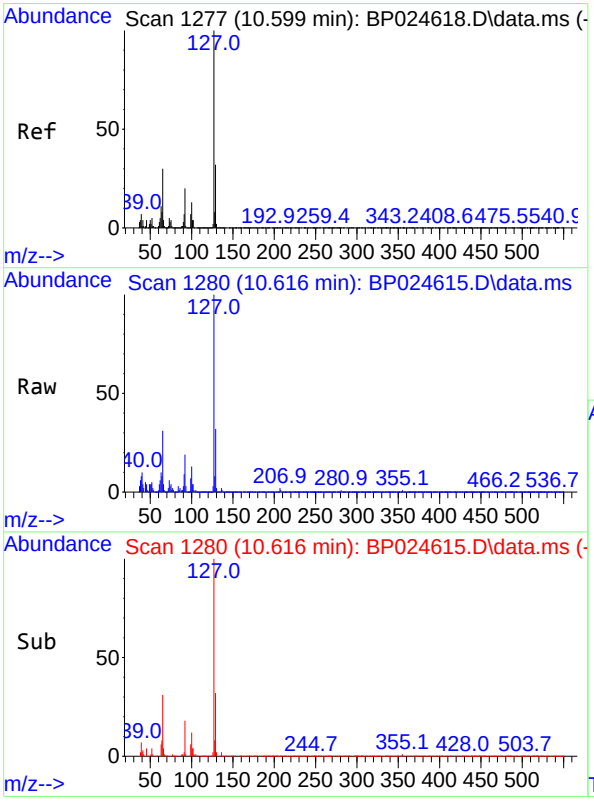
#31
Naphthalene
Concen: 5.13 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 100564

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.7	16.1

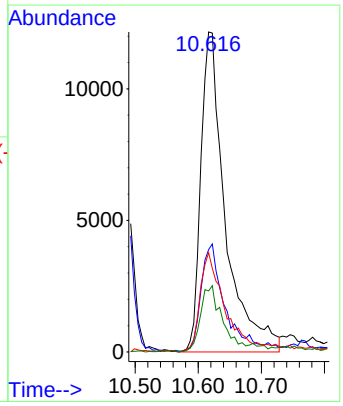


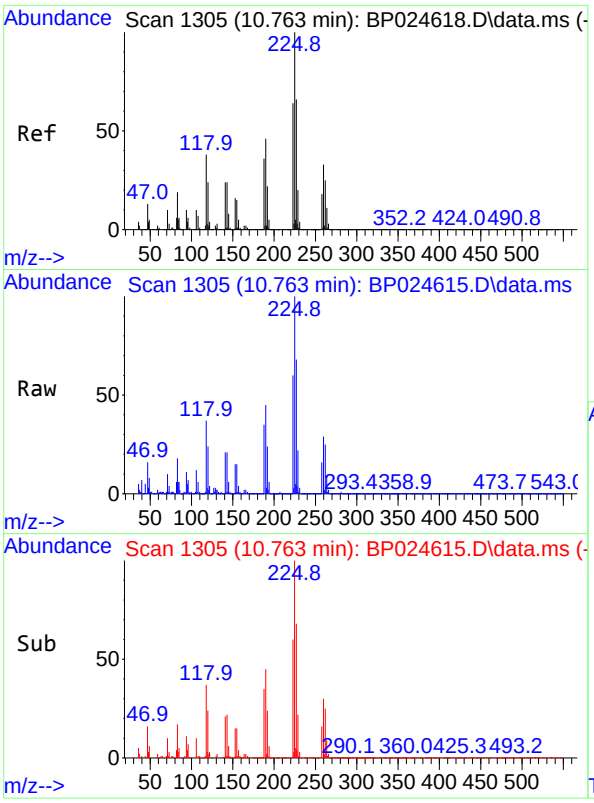


#33
4-Chloroaniline
Concen: 4.16 ng
RT: 10.616 min Scan# 1280
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:127 Resp: 32908

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	31.0	23.9	35.9
92	19.1	16.1	24.1



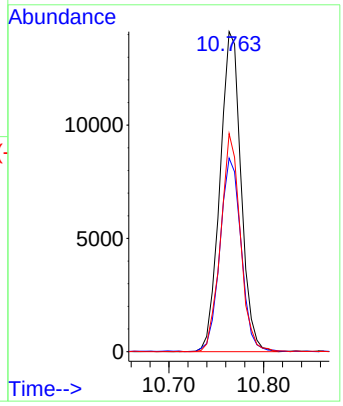


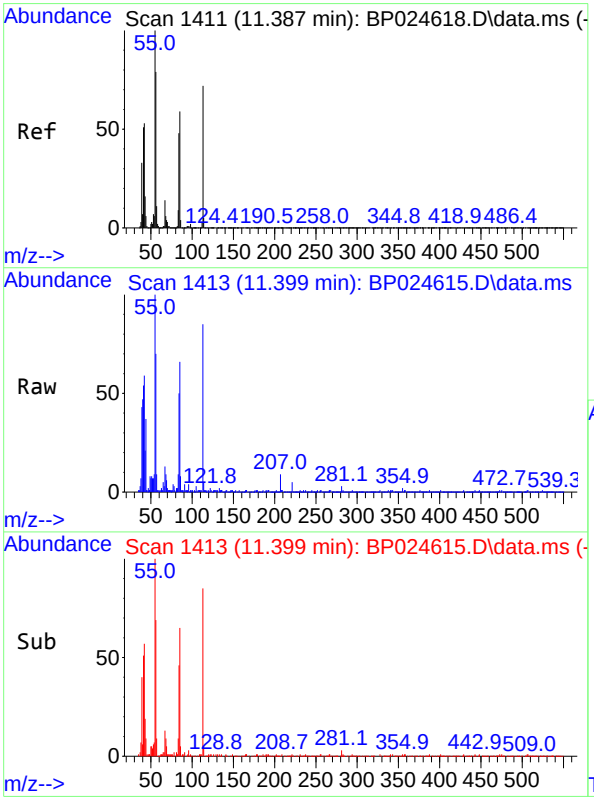
#34
Hexachlorobutadiene
Concen: 5.43 ng
RT: 10.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 21834

Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.6
227	71.7	53.1	79.7

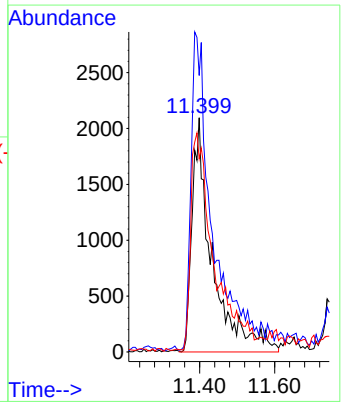


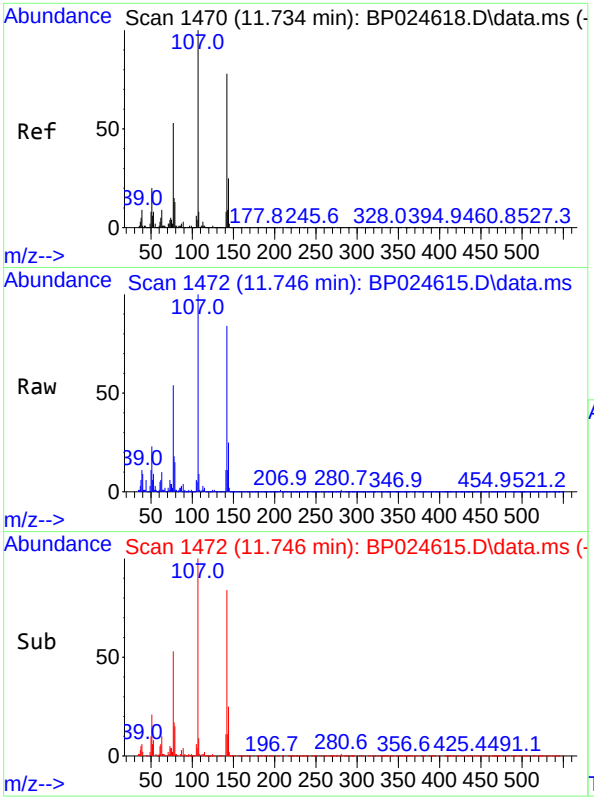


#35
Caprolactam
Concen: 3.88 ng m
RT: 11.399 min Scan# 1413
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:113 Resp: 7742

Ion	Ratio	Lower	Upper
113	100		
55	118.0	119.0	159.0#
56	82.4	90.3	130.3#



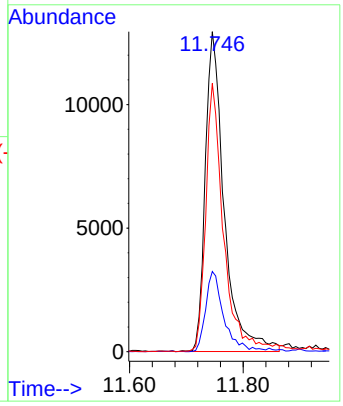


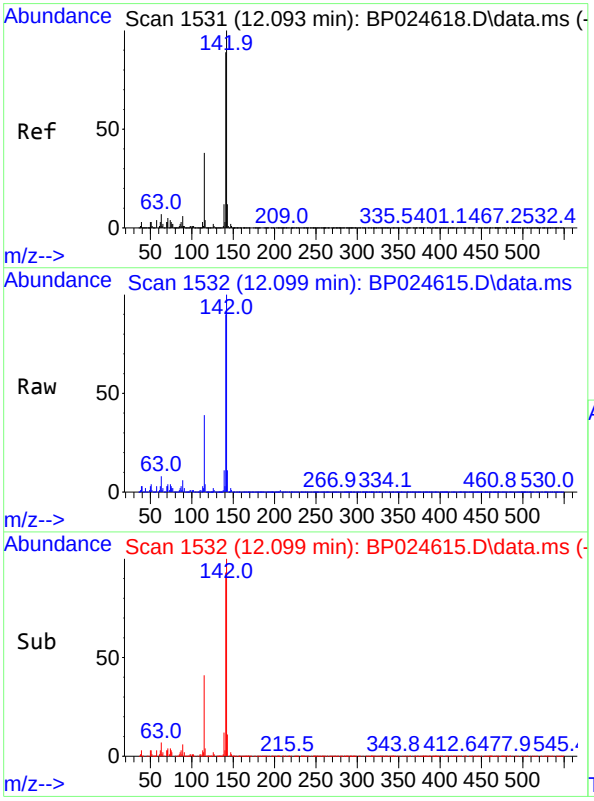
#36
4-Chloro-3-methylphenol
Concen: 4.44 ng
RT: 11.746 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 29849

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.1	30.1
142	83.9	62.1	93.1

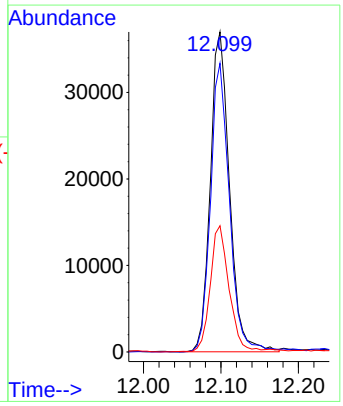


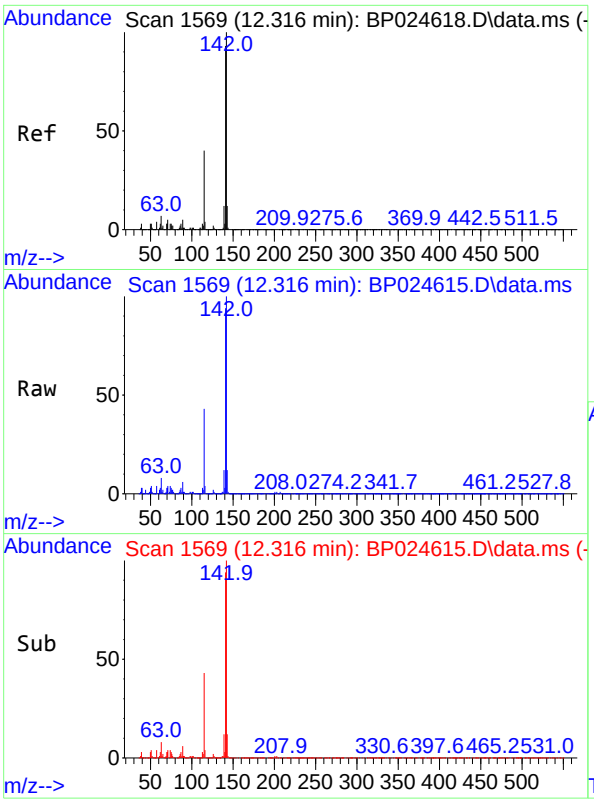


#37
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:142 Resp: 63562

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	39.4	30.6	46.0



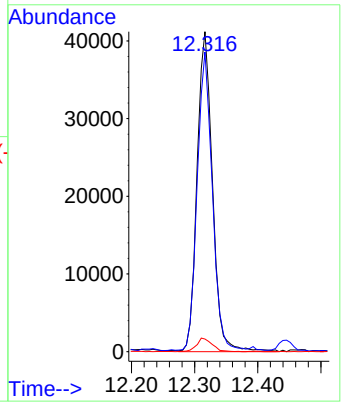


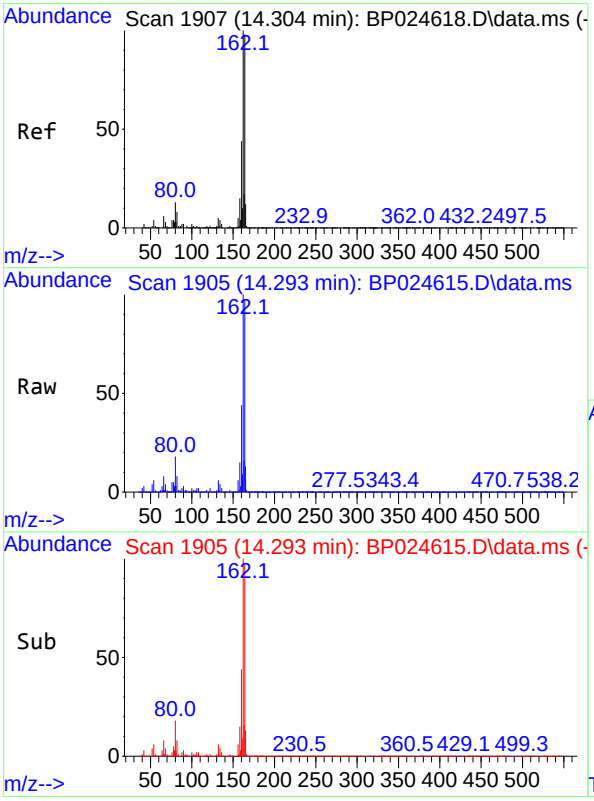
#38
1-Methylnaphthalene
Concen: 5.16 ng
RT: 12.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 70043

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.7	112.1
116	4.0	3.4	5.2

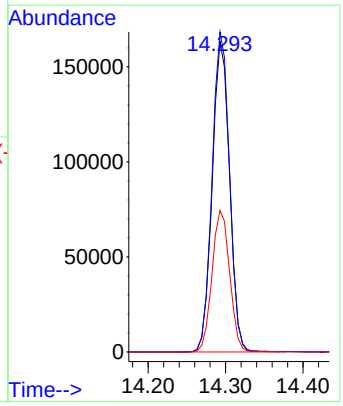


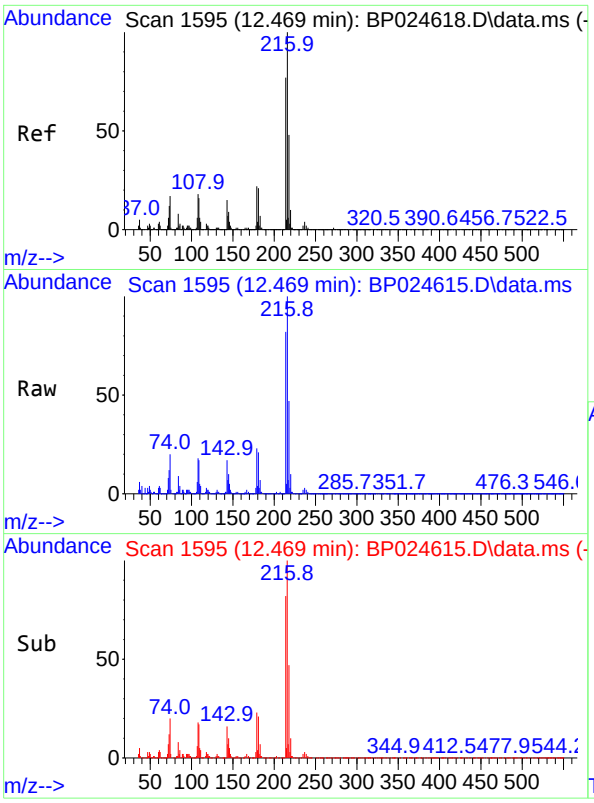


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:164 Resp: 254561

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.6
160	45.5	36.3	54.5



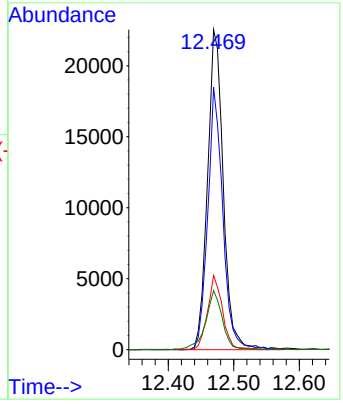


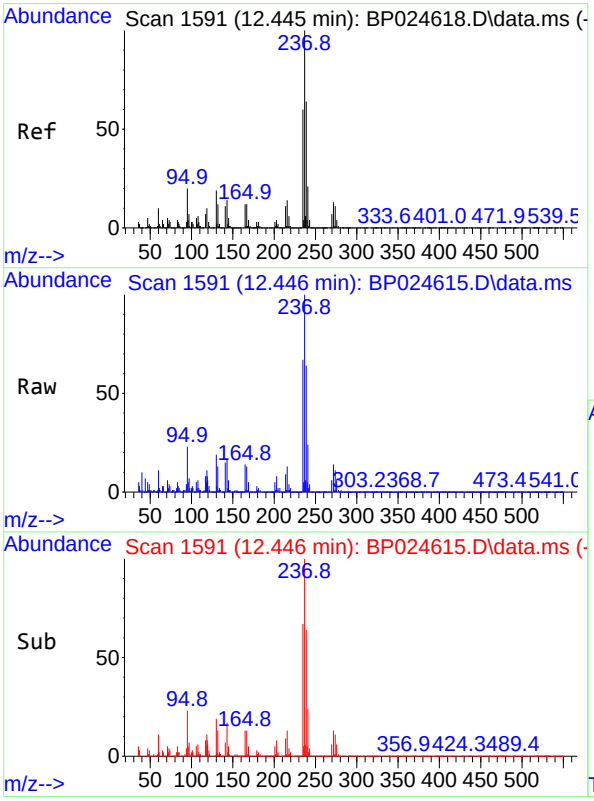
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.11 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 37738

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	22.0	17.7	26.5
108	19.0	16.0	24.0

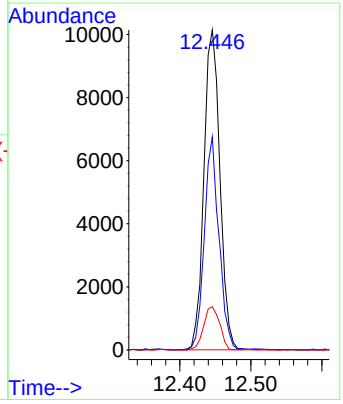


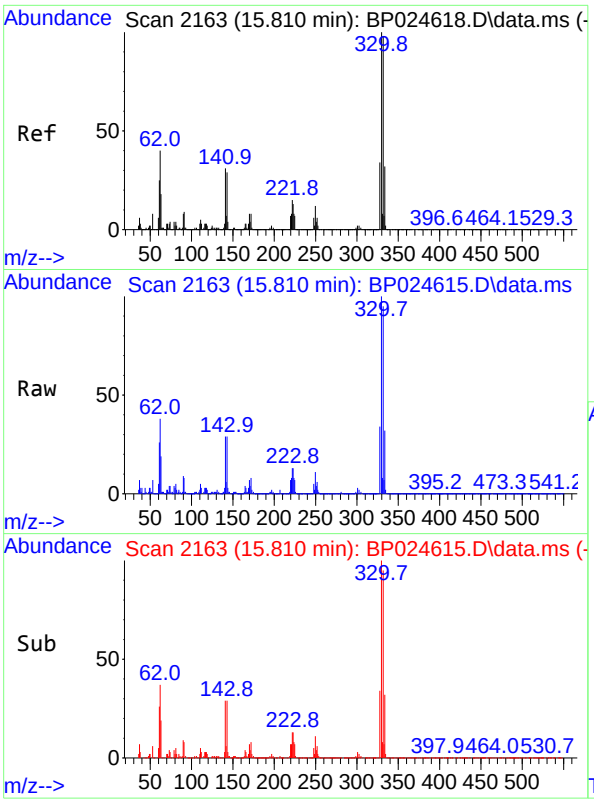


#41
Hexachlorocyclopentadiene
Concen: 3.56 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:237 Resp: 15939

Ion	Ratio	Lower	Upper
237	100		
235	66.6	39.9	79.9
272	13.5	0.0	33.2



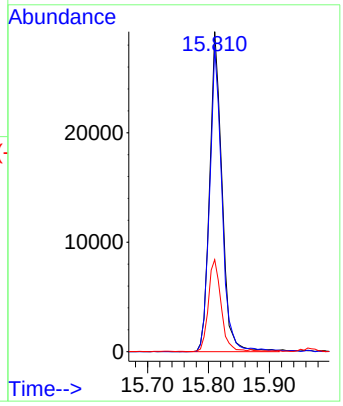


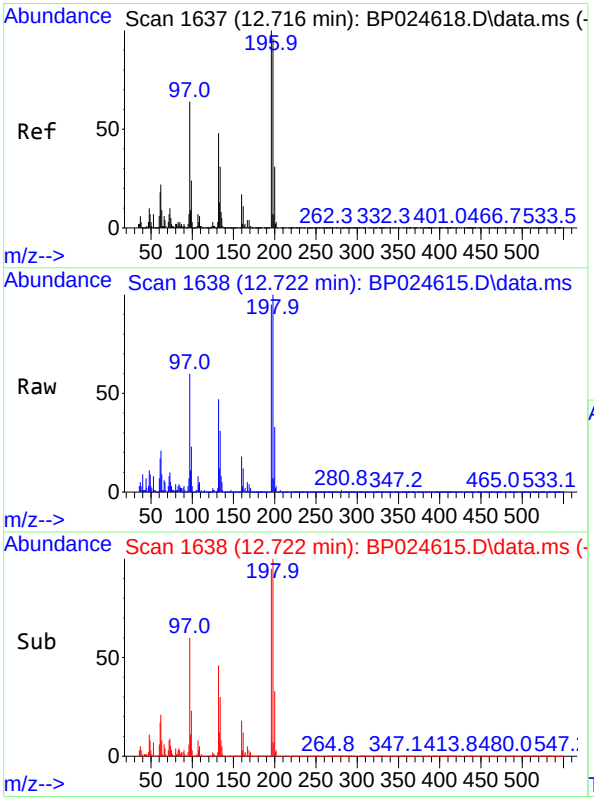
#42
2,4,6-Tribromophenol
Concen: 9.55 ng
RT: 15.810 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 41219

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.4
141	29.5	24.3	36.5

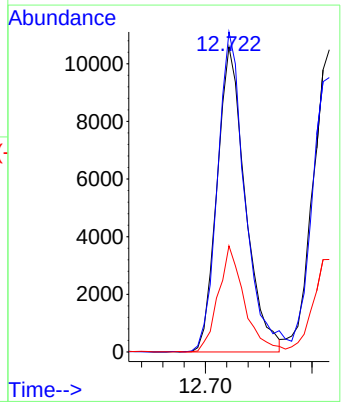


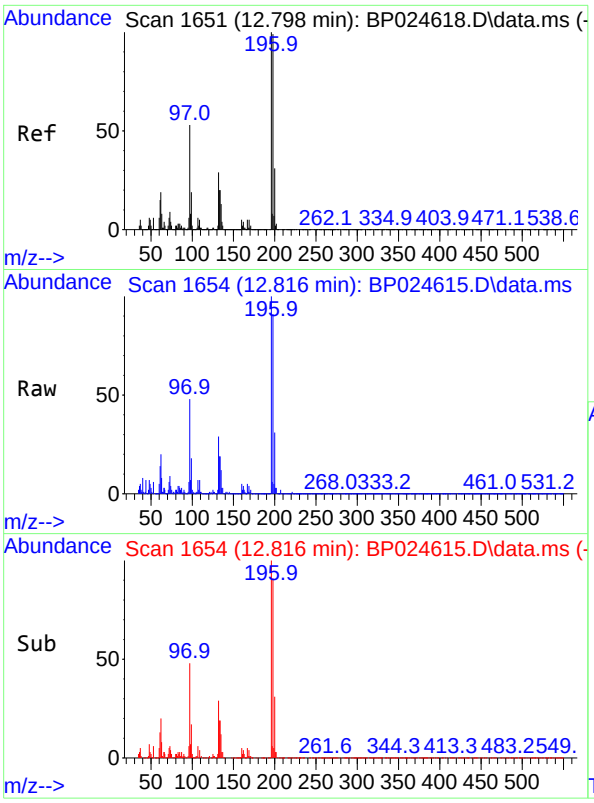


#43
2,4,6-Trichlorophenol
Concen: 4.06 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:196 Resp: 19429

Ion	Ratio	Lower	Upper
196	100		
198	104.9	76.9	115.3
200	34.8	25.2	37.8



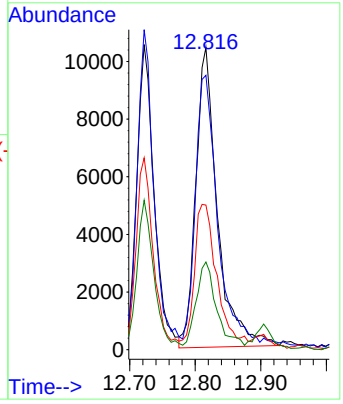


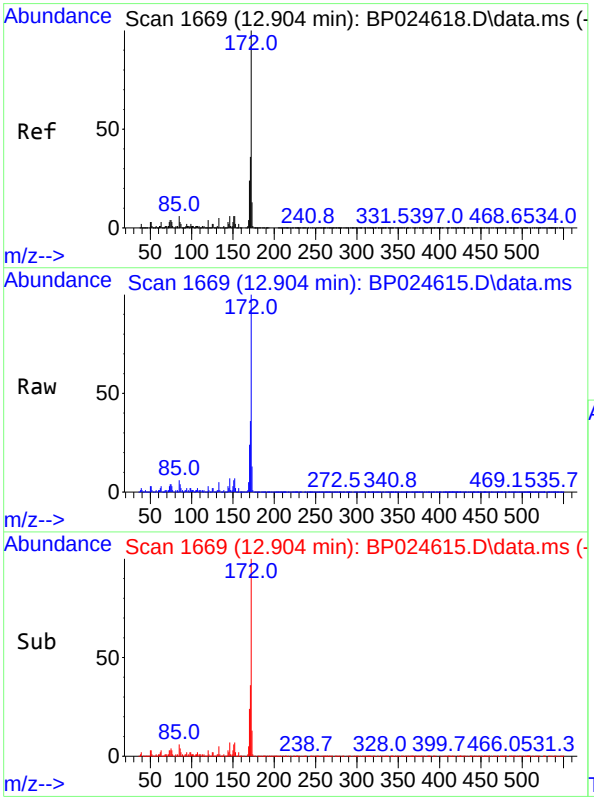
#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 23918

Ion	Ratio	Lower	Upper
196	100		
198	90.8	79.2	118.8
97	47.8	42.3	63.5
132	29.0	23.3	34.9

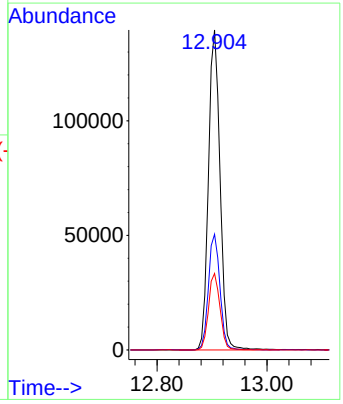


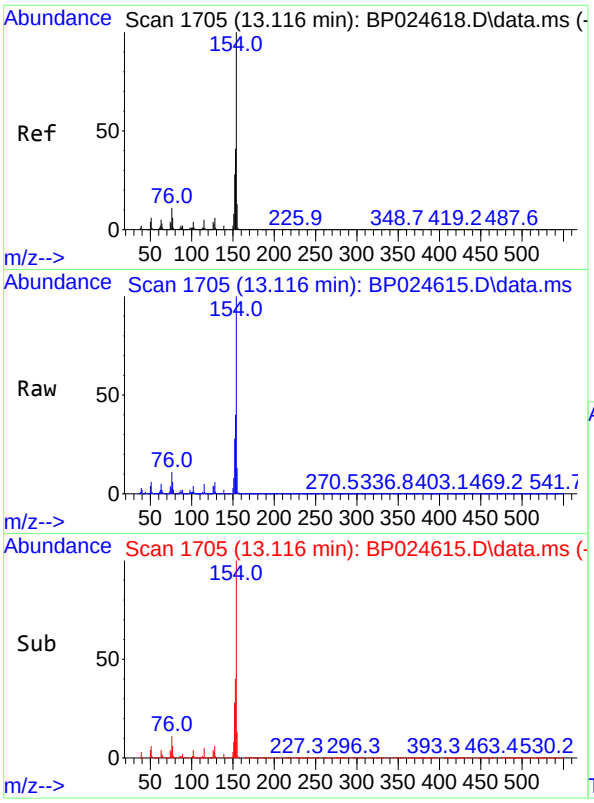


#45
2-Fluorobiphenyl
Concen: 10.48 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:172 Resp: 203719

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.9	18.8	28.2



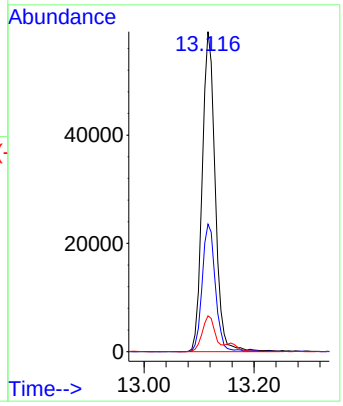


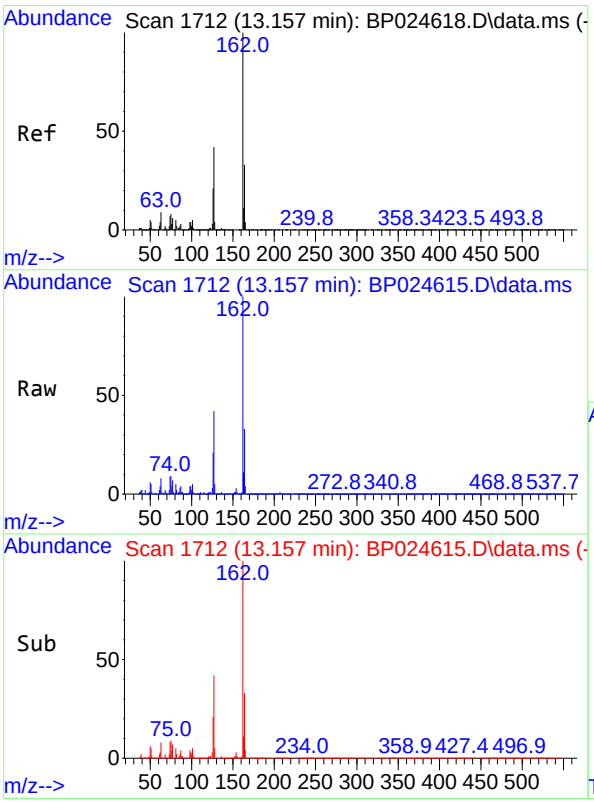
#46
1,1'-Biphenyl
Concen: 5.15 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 96956

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.0	61.0
76	11.2	0.0	31.5

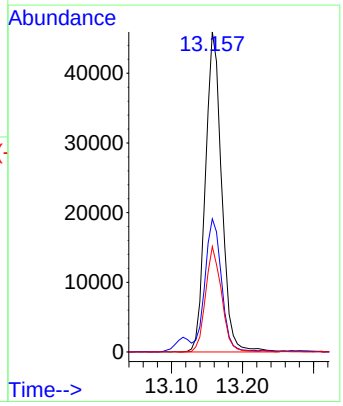


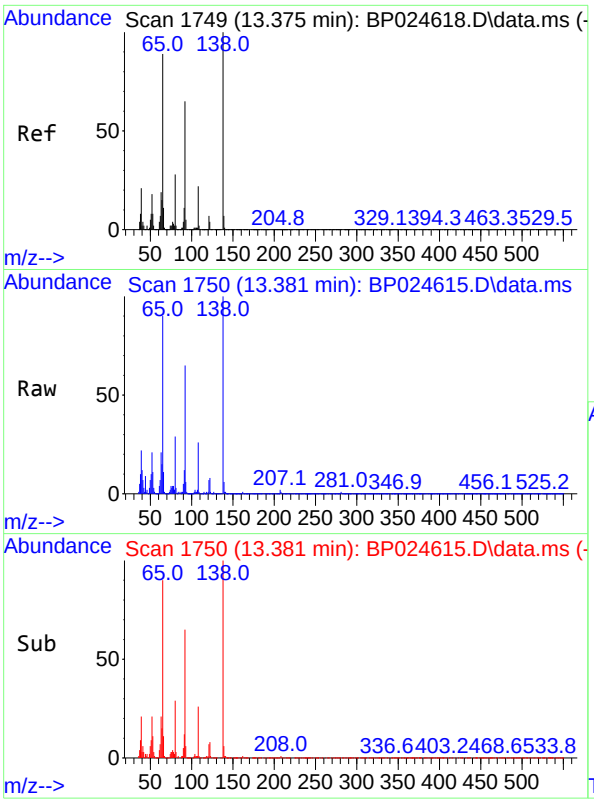


#47
2-Chloronaphthalene
Concen: 5.09 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:162 Resp: 72977

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.8	50.6
164	33.0	26.0	39.0



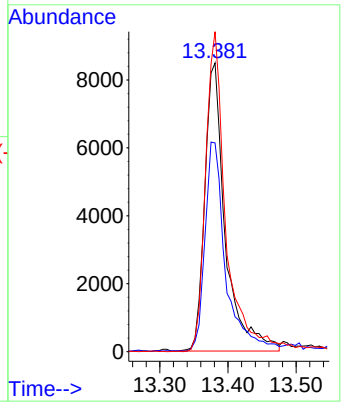


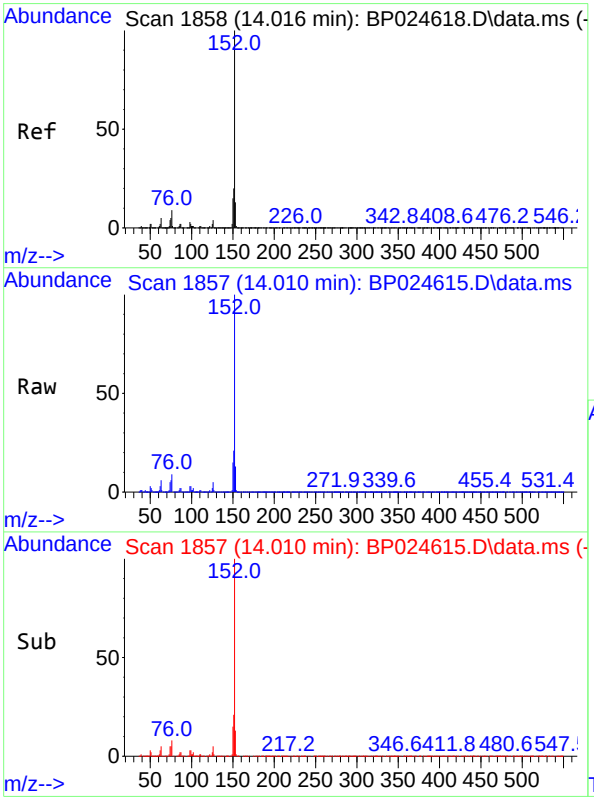
#48
2-Nitroaniline
Concen: 4.19 ng
RT: 13.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 17778

Ion	Ratio	Lower	Upper
65	100		
92	72.3	58.7	88.1
138	110.8	90.2	135.2

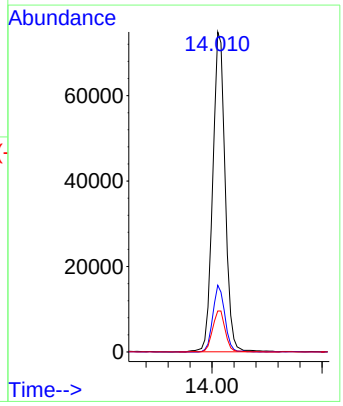


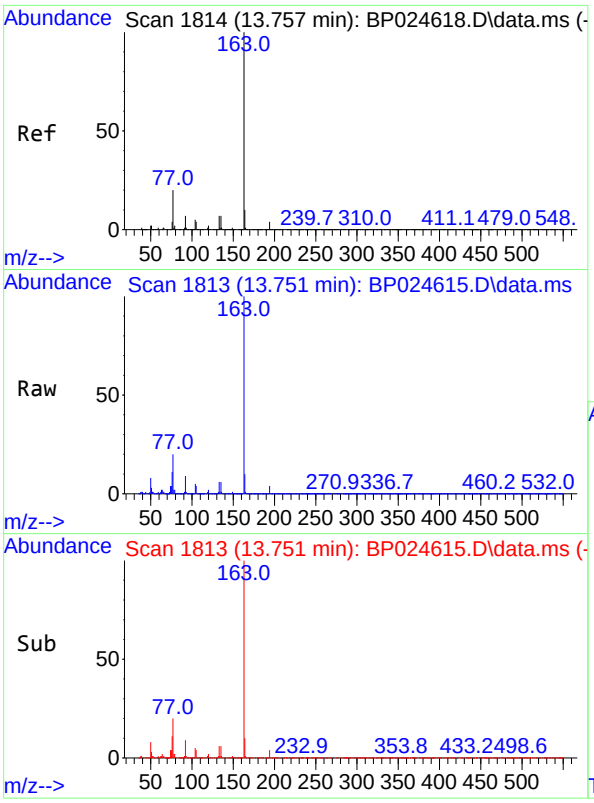


#49
Acenaphthylene
Concen: 4.89 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:152 Resp: 117448

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	12.8	10.2	15.4



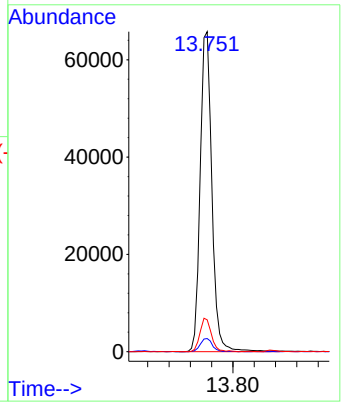


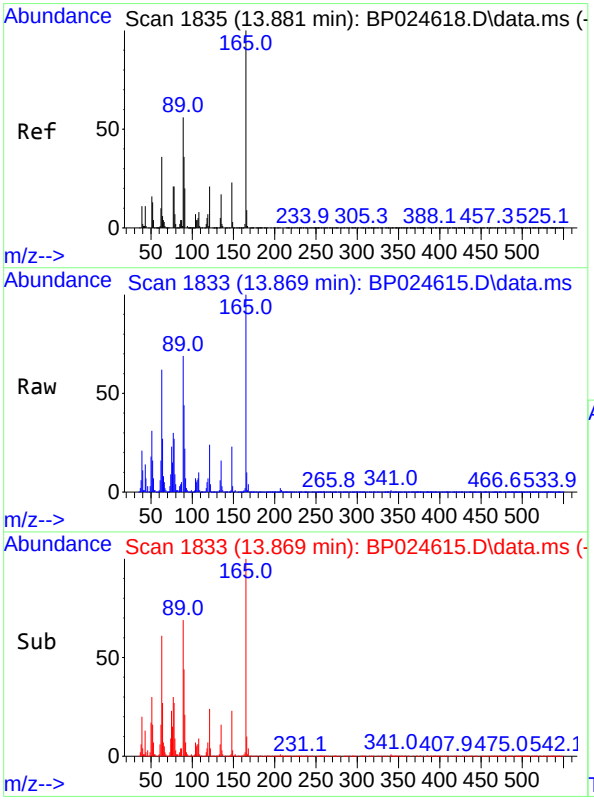
#50
Dimethylphthalate
Concen: 5.15 ng
RT: 13.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 99940

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1

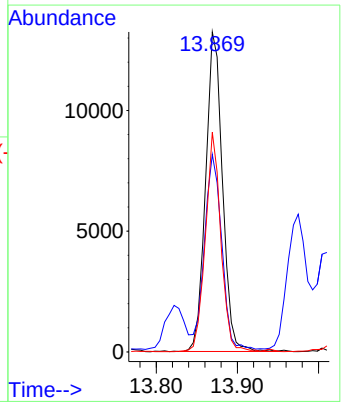


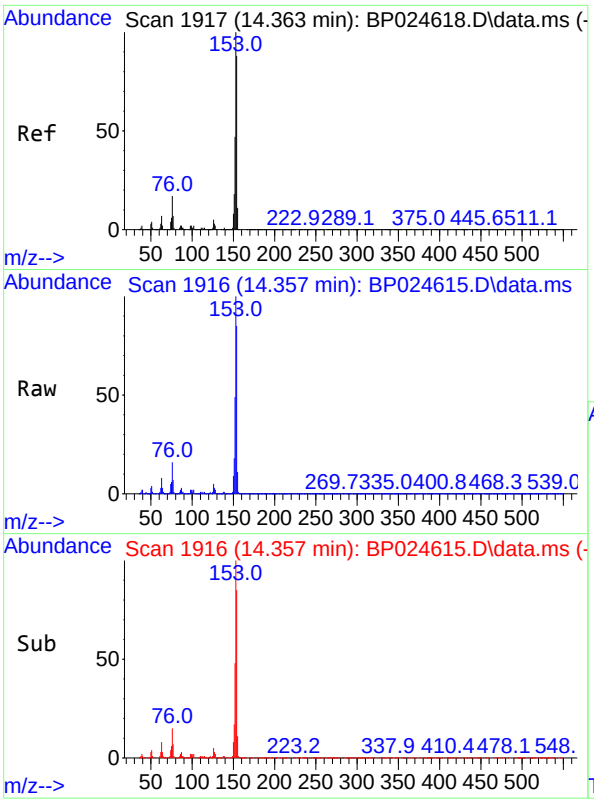


#51
2,6-Dinitrotoluene
Concen: 4.65 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:165 Resp: 19052

Ion	Ratio	Lower	Upper
165	100		
63	61.7	42.4	63.6
89	68.7	44.8	67.2#



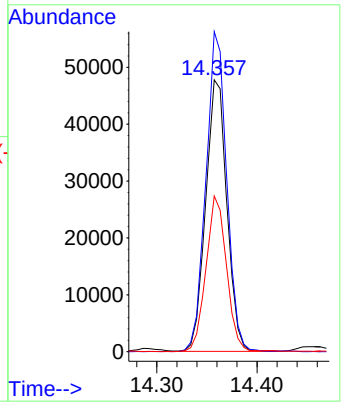


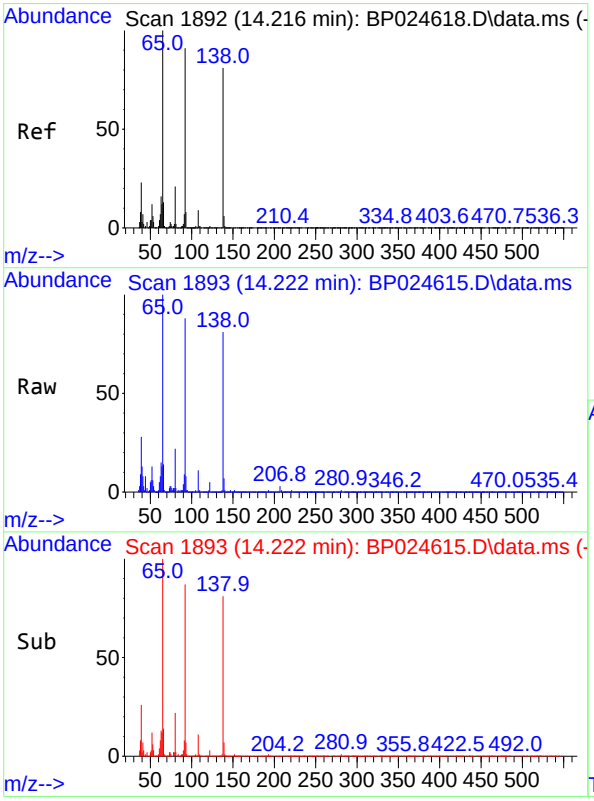
#52
Acenaphthene
Concen: 5.09 ng
RT: 14.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 70302

Ion	Ratio	Lower	Upper
154	100		
153	117.7	91.0	136.4
152	57.3	42.9	64.3

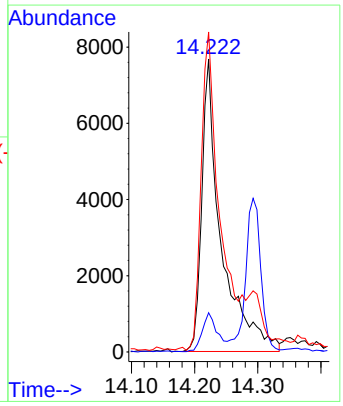


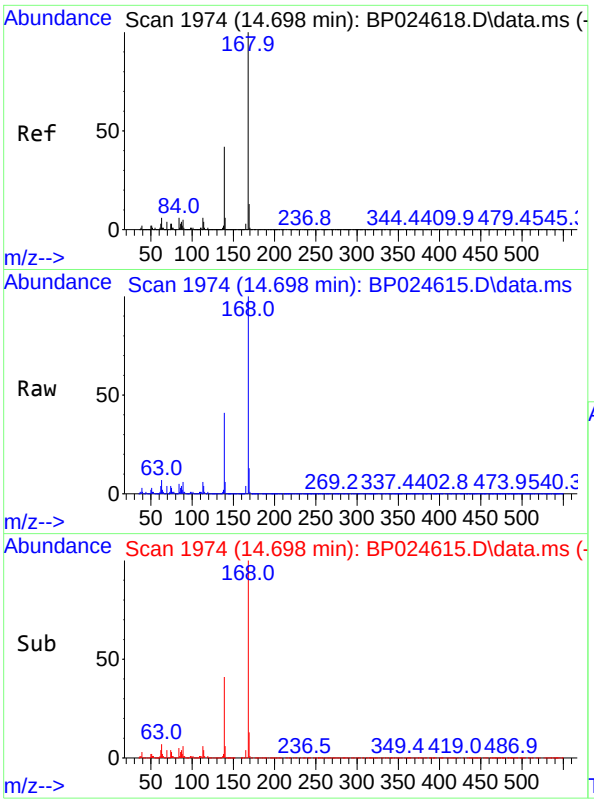


#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:138 Resp: 16400

Ion	Ratio	Lower	Upper
138	100		
108	13.4	9.0	13.4
92	109.3	90.1	135.1



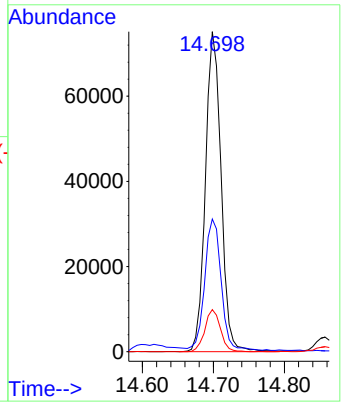


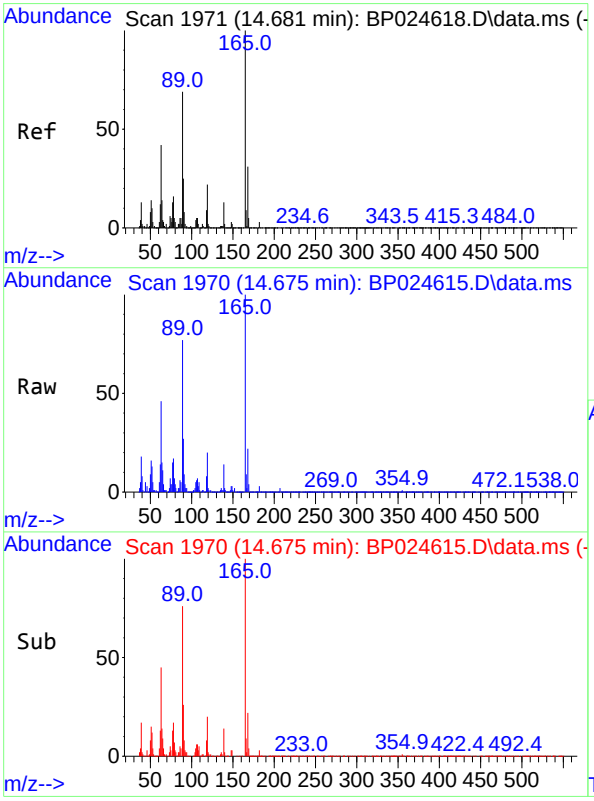
#55
Dibenzofuran
Concen: 5.23 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 115180

Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.2	51.4
169	13.2	10.8	16.2

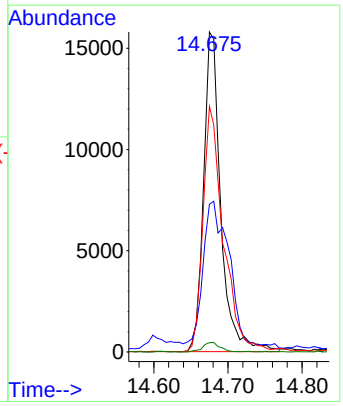


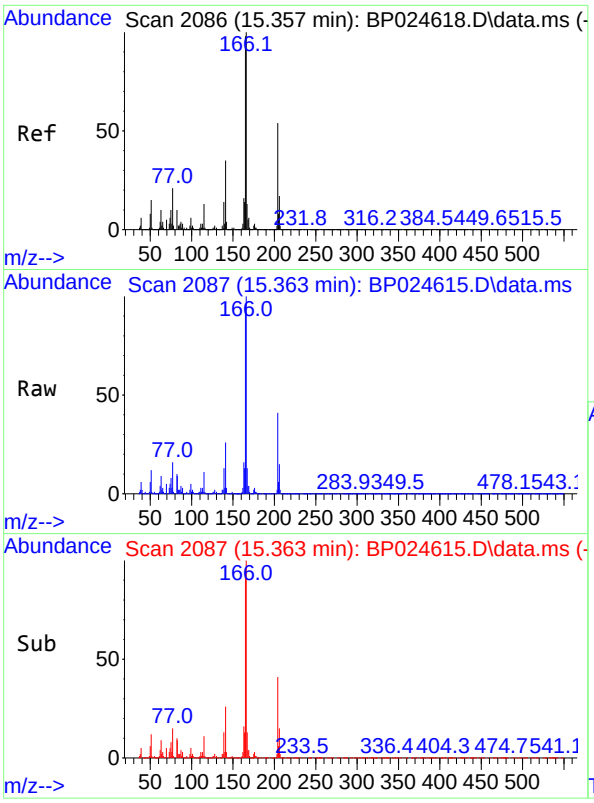


#57
2,4-Dinitrotoluene
Concen: 4.41 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:165 Resp: 25481

Ion	Ratio	Lower	Upper
165	100		
63	46.2	33.8	50.6
89	76.8	55.6	83.4
182	2.9	2.4	3.6



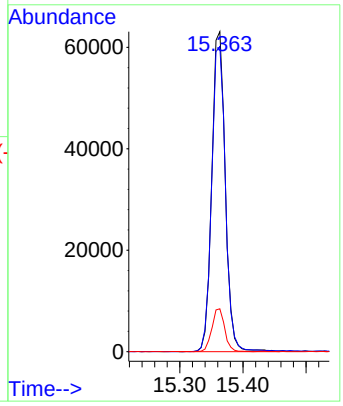


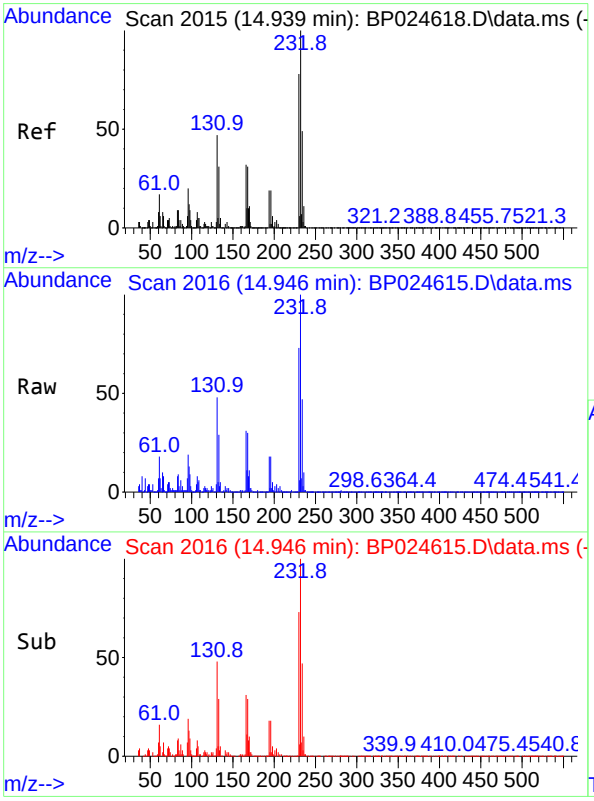
#58
Fluorene
Concen: 5.20 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 93303

Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.5	117.7
167	13.4	10.7	16.1

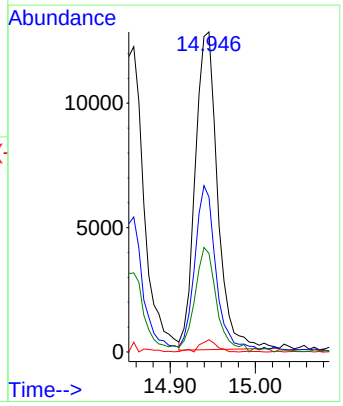


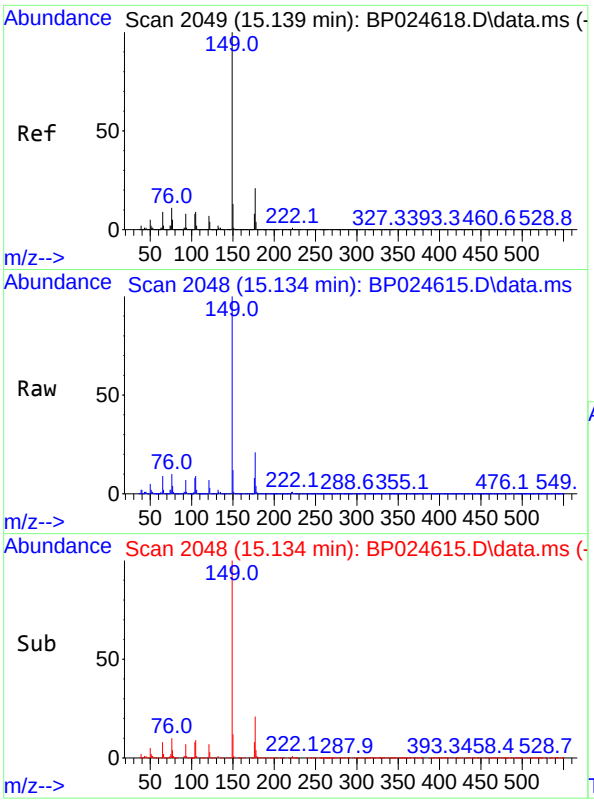


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.73 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:232 Resp: 23382

Ion	Ratio	Lower	Upper
232	100		
131	48.6	39.5	59.3
130	3.0	2.2	3.4
166	30.5	25.7	38.5



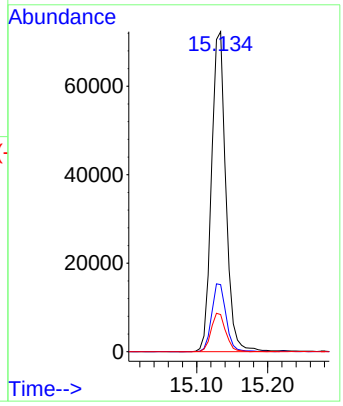


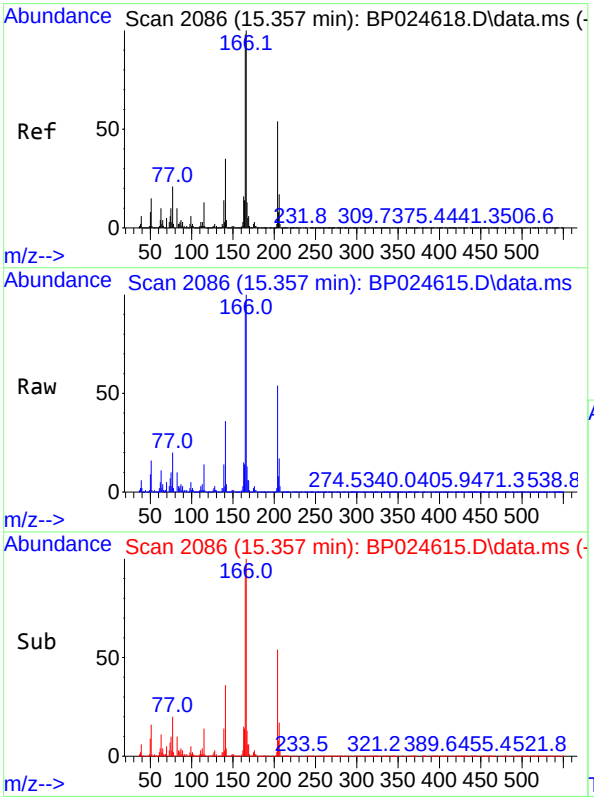
#60
Diethylphthalate
Concen: 5.17 ng
RT: 15.134 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 101366

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	11.6	10.2	15.2

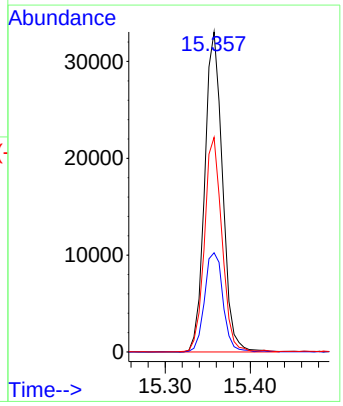


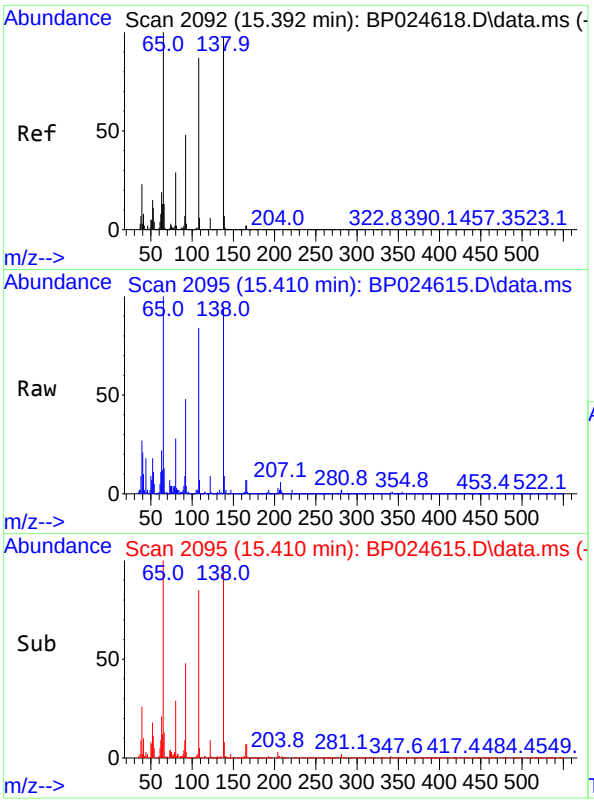


#61
4-Chlorophenyl-phenylether
Concen: 5.35 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:204 Resp: 47886

Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.0	39.0
141	67.1	52.9	79.3



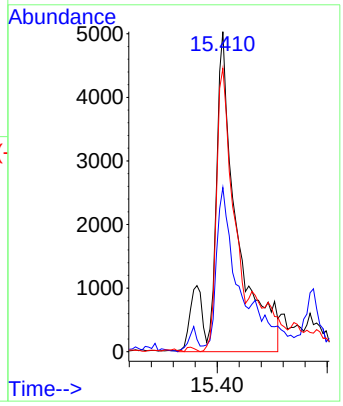


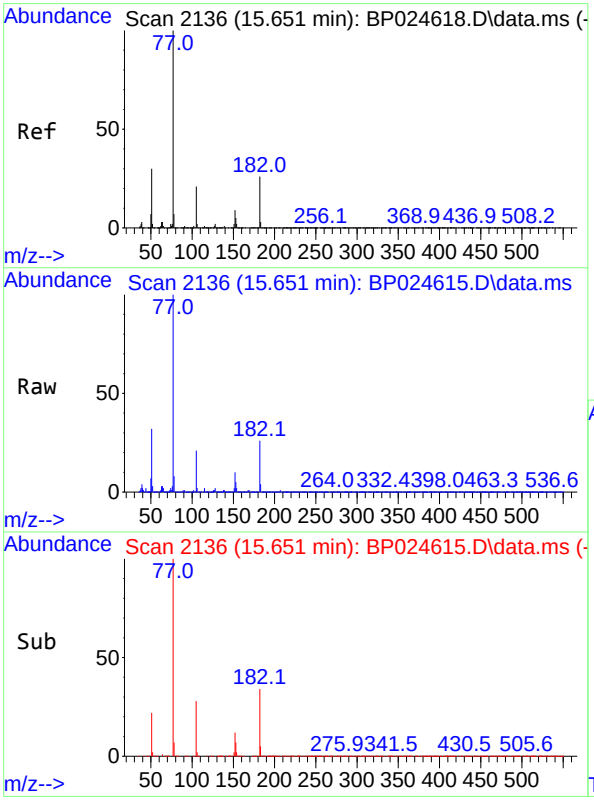
#62
4-Nitroaniline
Concen: 3.55 ng m
RT: 15.410 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 14482

Ion	Ratio	Lower	Upper
138	100		
92	51.3	29.2	69.2
108	88.5	69.0	109.0

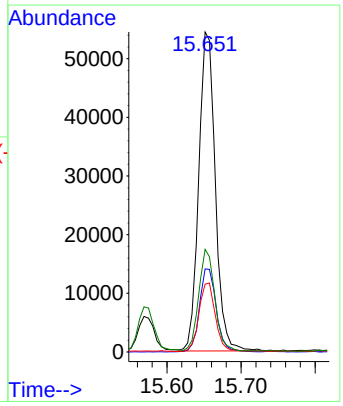


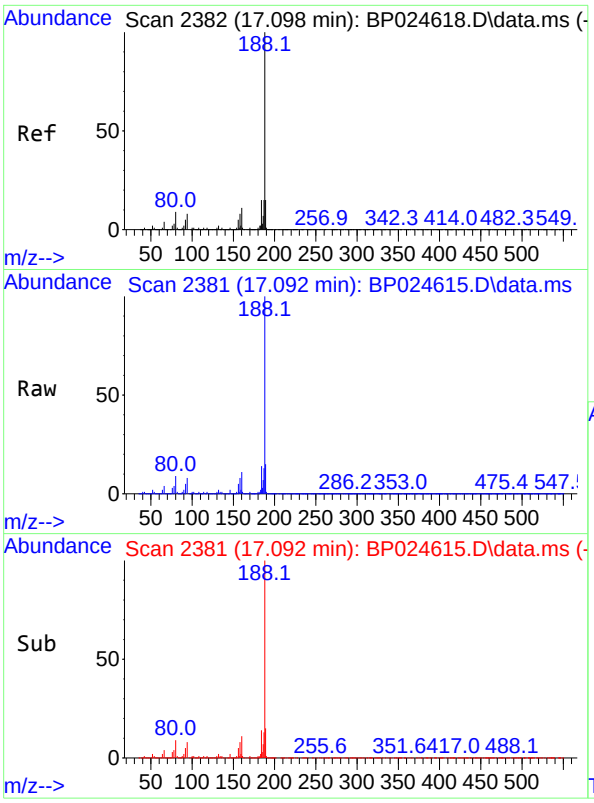


#63
Azobenzene
Concen: 5.03 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 84462

Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.7	45.7
105	21.2	1.3	41.3
51	32.1	10.6	50.6



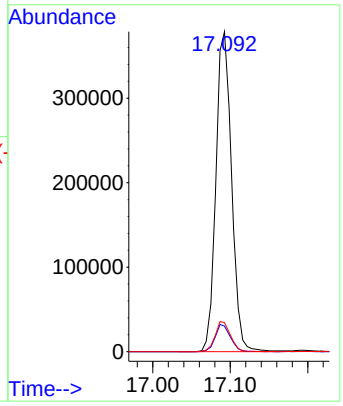


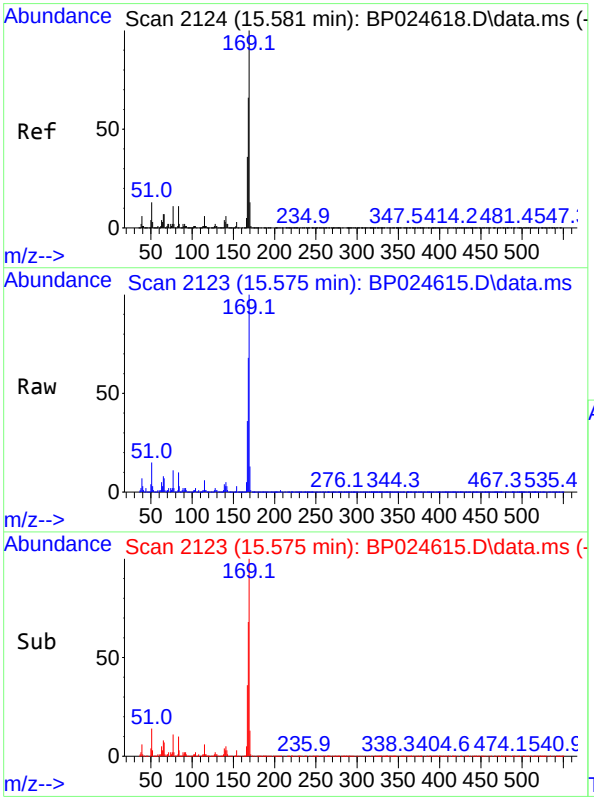
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 531548

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.1	7.3	10.9

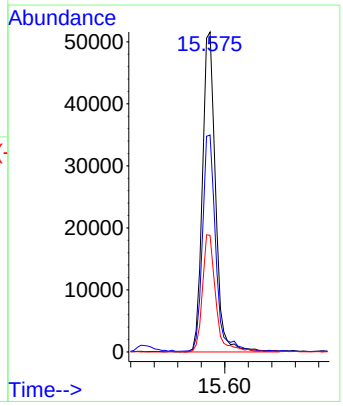


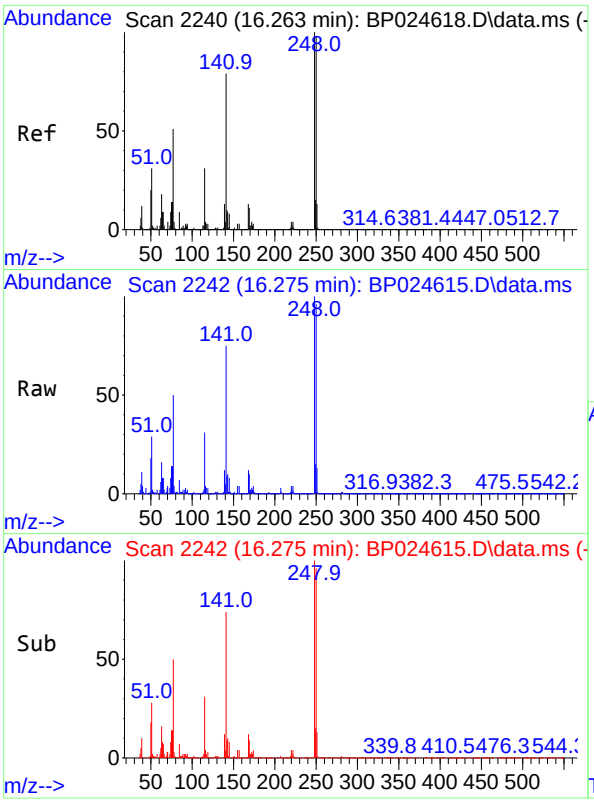


#66
n-Nitrosodiphenylamine
Concen: 4.90 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:169 Resp: 80078

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.2	79.8
167	36.5	28.6	43.0



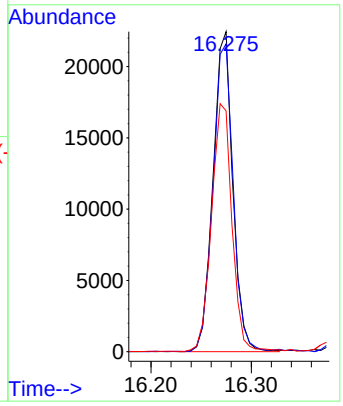


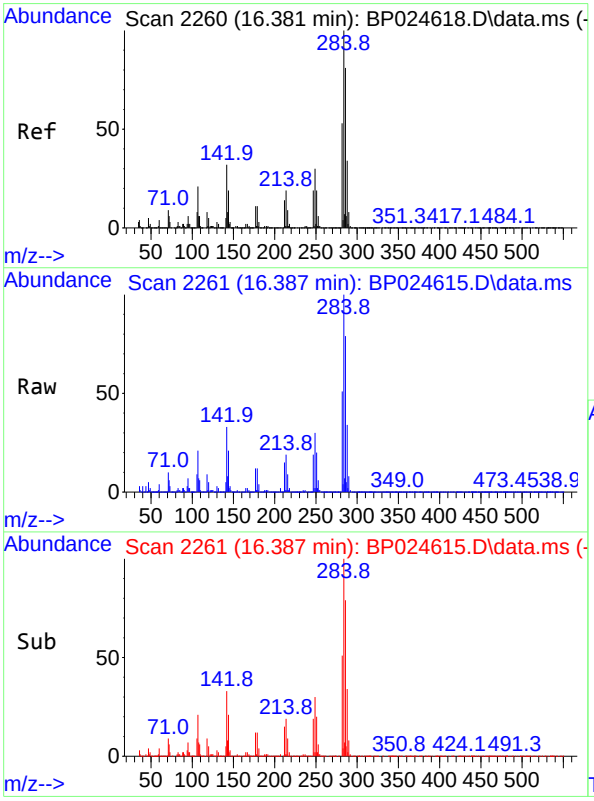
#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.275 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 30702

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.2	117.4
141	75.3	63.0	94.6

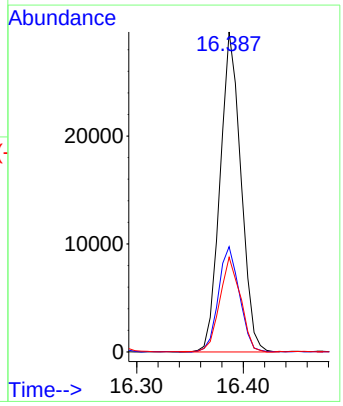


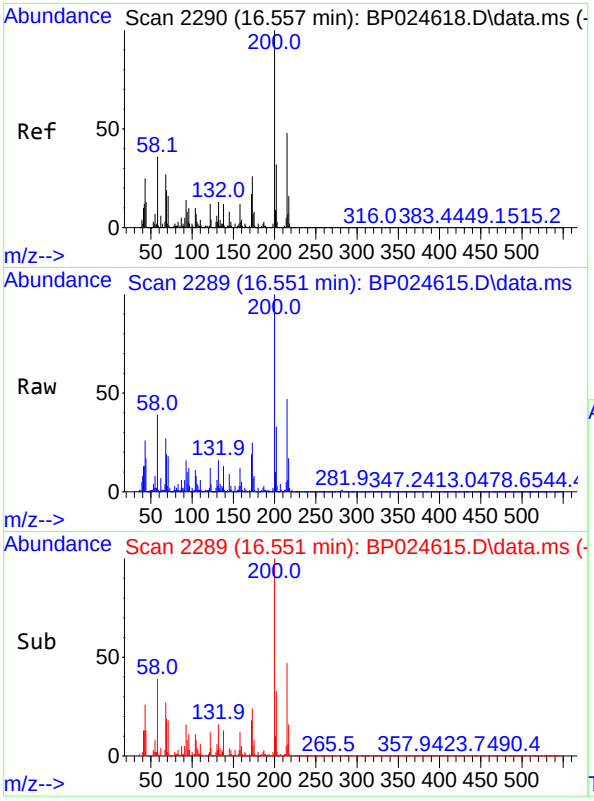


#68
Hexachlorobenzene
Concen: 5.06 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:284 Resp: 40234

Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.9	38.9
249	29.6	24.1	36.1



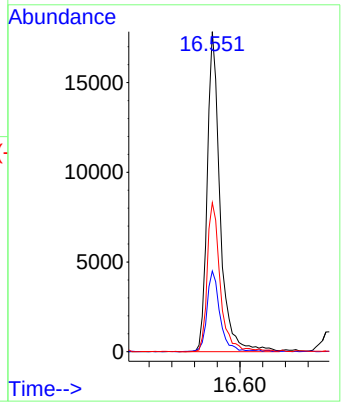


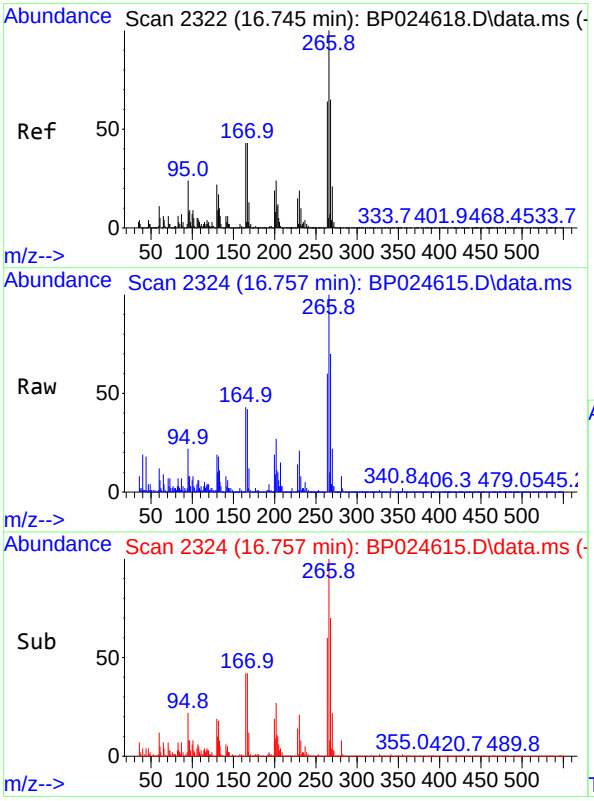
#69
Atrazine
Concen: 4.66 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 27909

Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.9	45.9
215	46.5	28.3	68.3

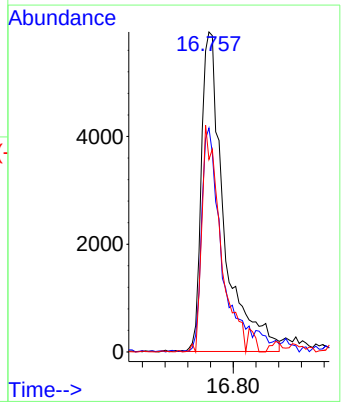


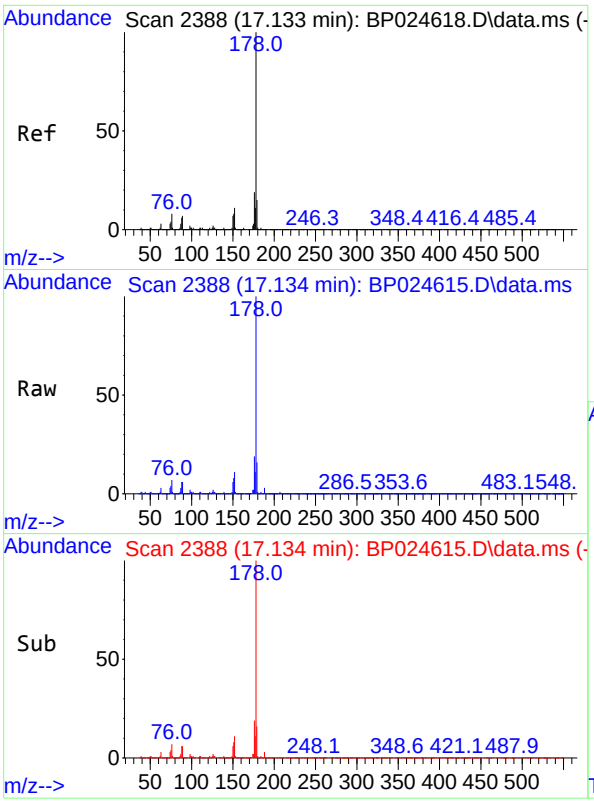


#70
Pentachlorophenol
Concen: 3.68 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:266 Resp: 16456

Ion	Ratio	Lower	Upper
266	100		
268	69.9	52.2	78.4
264	60.1	51.1	76.7



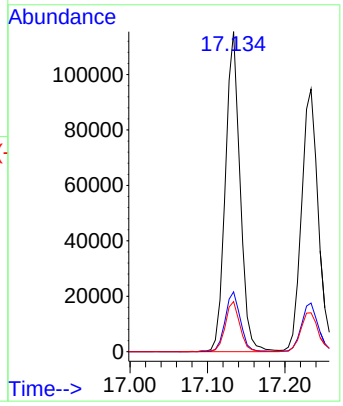


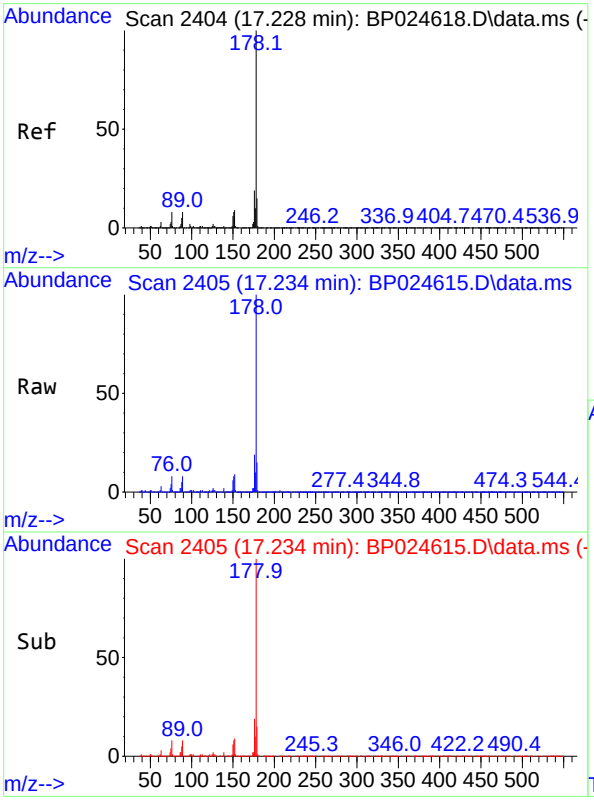
#71
Phenanthrene
Concen: 5.14 ng
RT: 17.134 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 152030

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.2	18.4

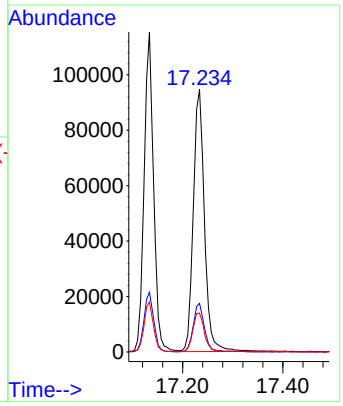


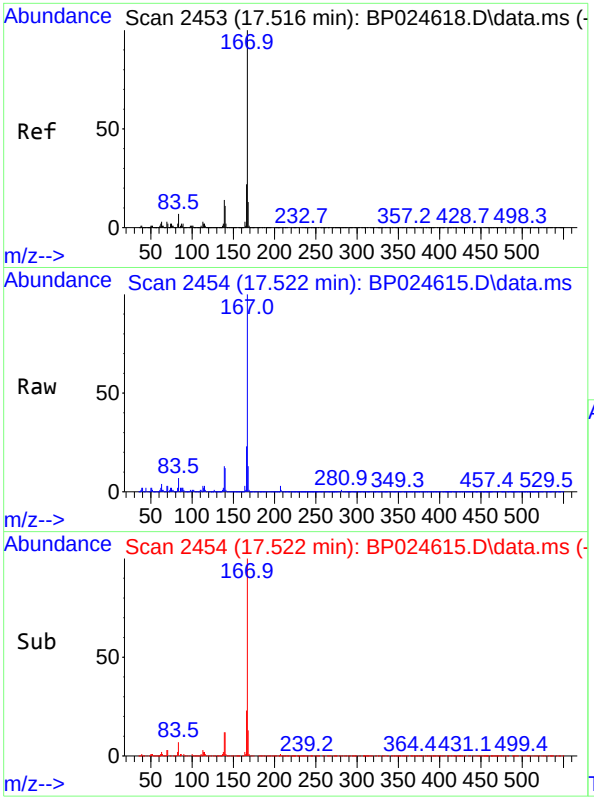


#72
Anthracene
Concen: 4.90 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:178 Resp: 145809

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	14.8	12.2	18.2



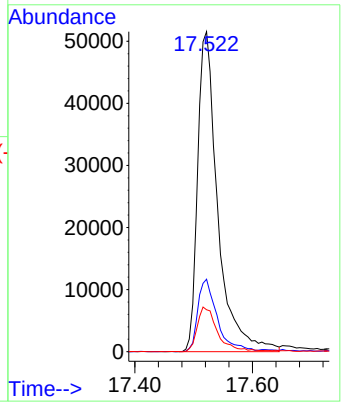


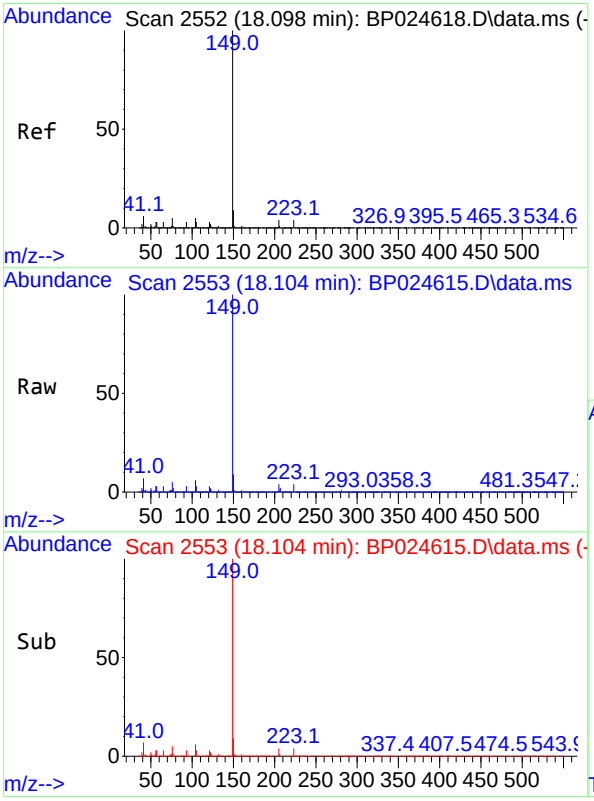
#73
Carbazole
Concen: 4.56 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 122666

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.7	26.5
139	13.1	11.3	16.9

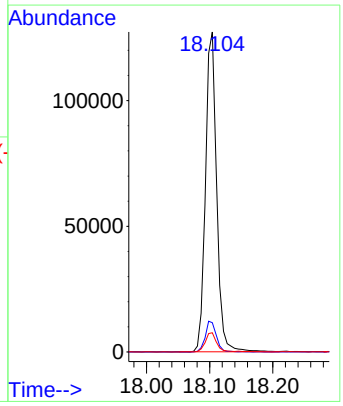


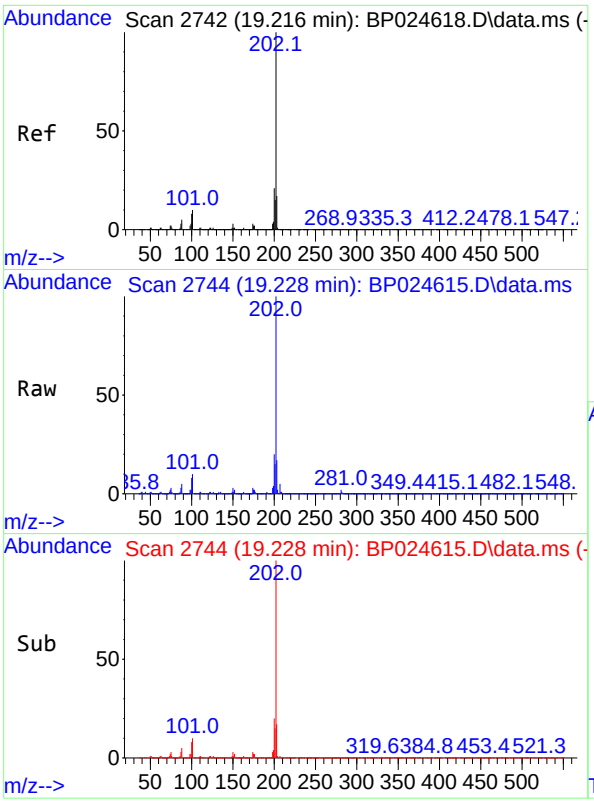


#74
Di-n-butylphthalate
Concen: 4.54 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 157014

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.0	4.3	6.5



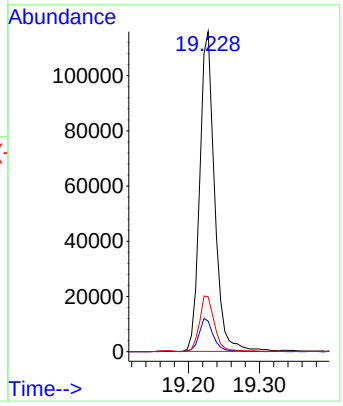


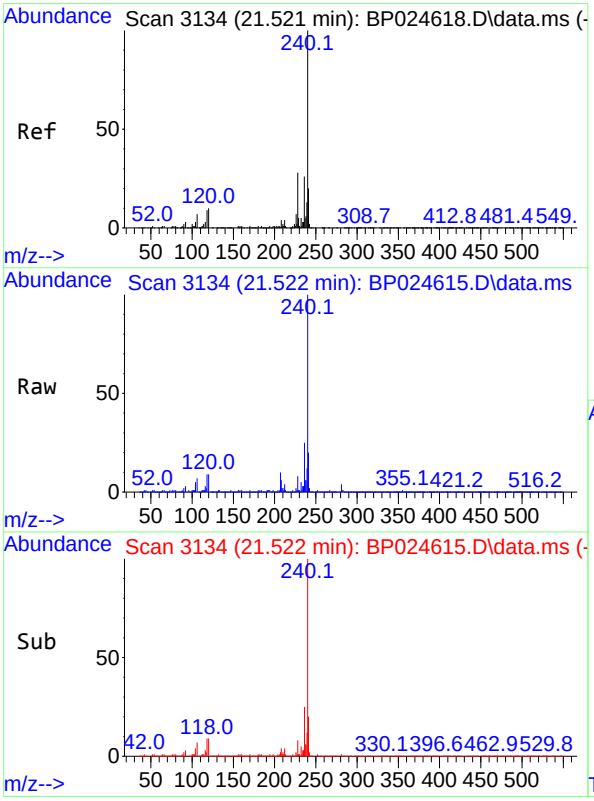
#75
Fluoranthene
Concen: 4.89 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 168865

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
203	17.2	0.0	37.5

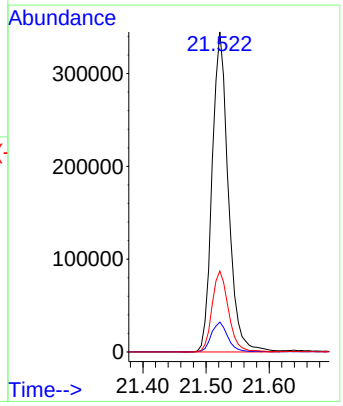


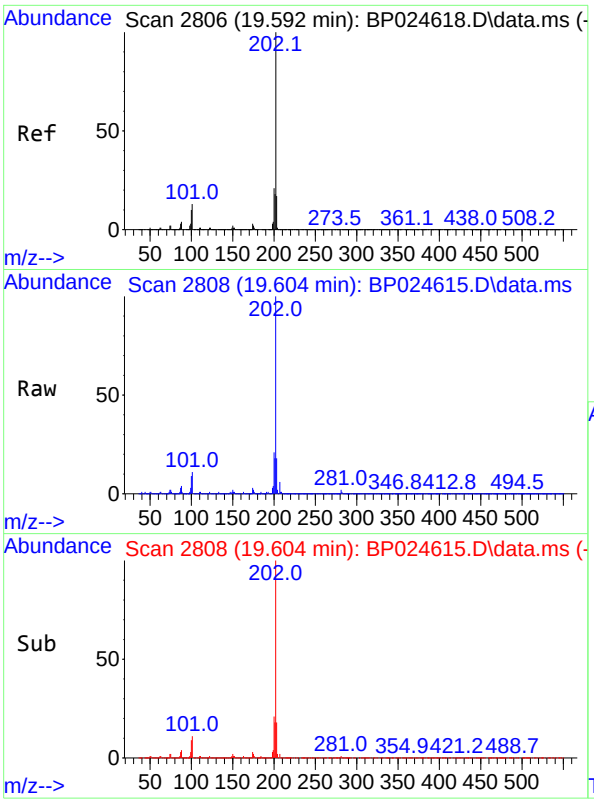


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:240 Resp: 614288

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	25.3	20.6	31.0



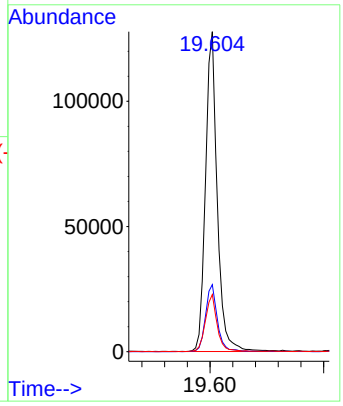


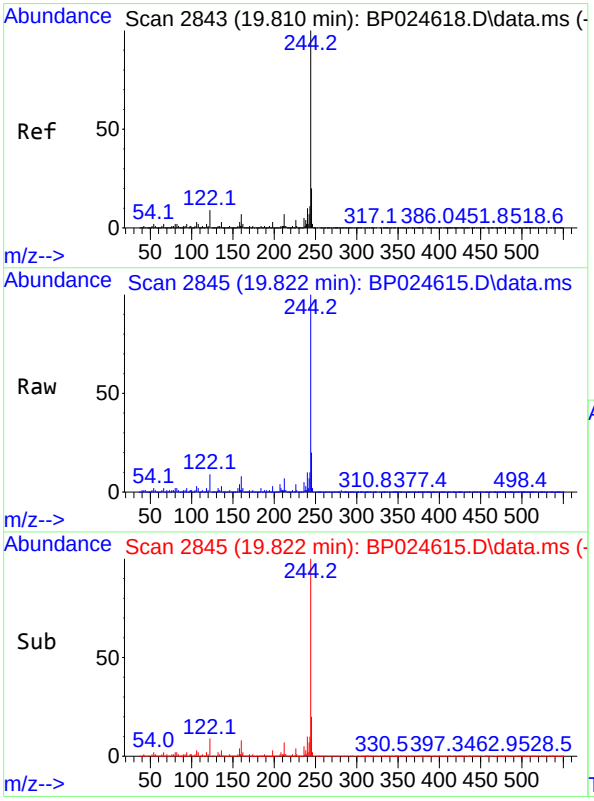
#78
Pyrene
Concen: 4.94 ng
RT: 19.604 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 181817

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	13.9	20.9

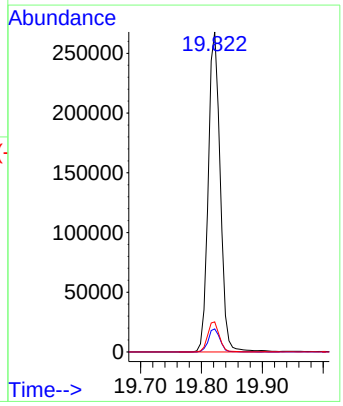


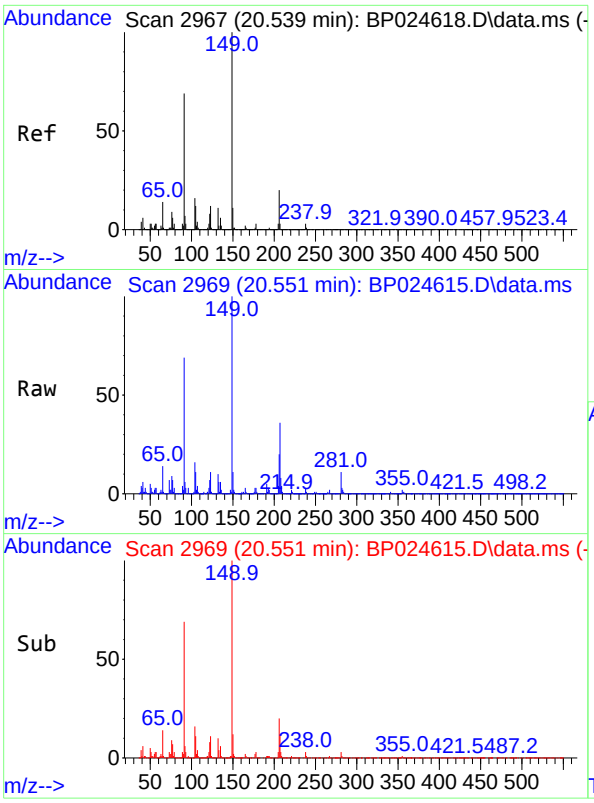


#79
Terphenyl-d14
Concen: 10.22 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:244 Resp: 366245

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.4	7.4	11.0



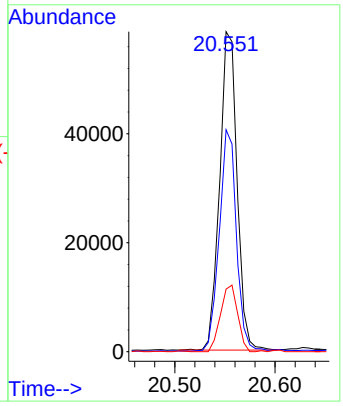


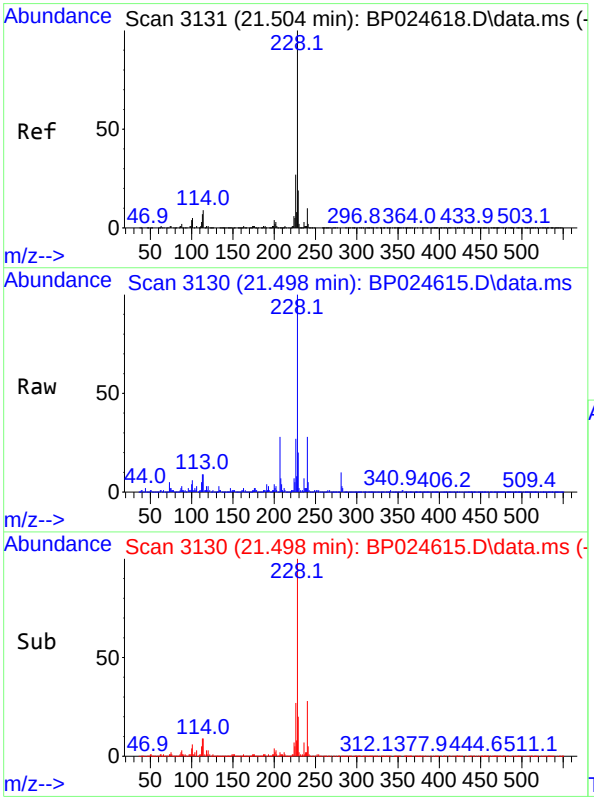
#80
Butylbenzylphthalate
Concen: 4.30 ng
RT: 20.551 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 70341

Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.4	83.0
206	19.5	16.2	24.2

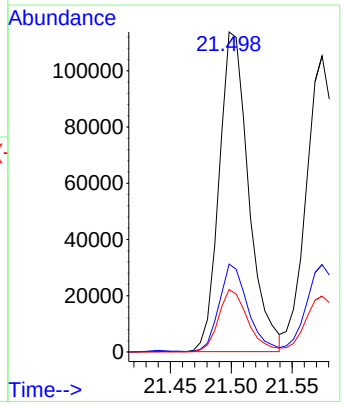


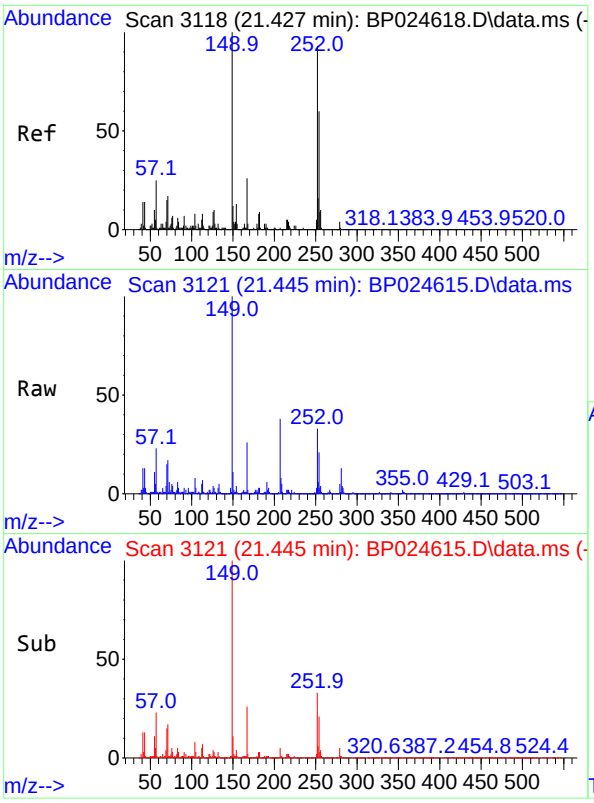


#81
Benzo(a)anthracene
Concen: 4.98 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 192110

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	19.5	15.5	23.3



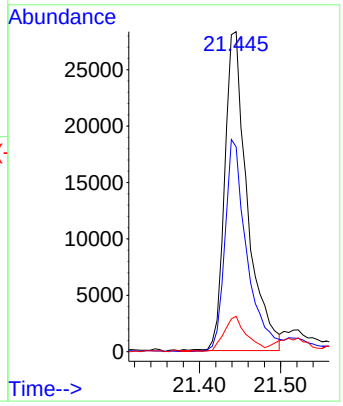


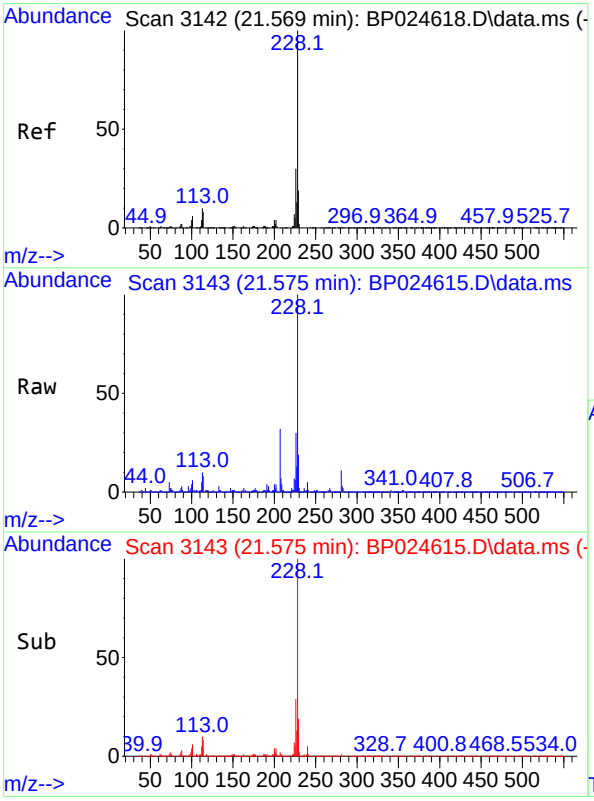
#82
3,3'-Dichlorobenzidine
Concen: 3.82 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 54793

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.8	77.6
126	11.0	7.7	11.5

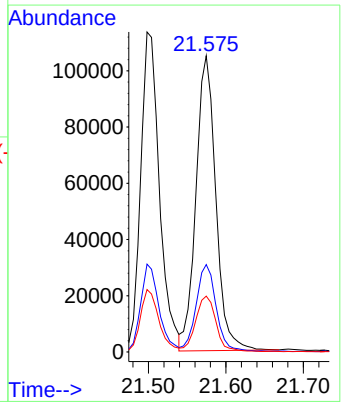


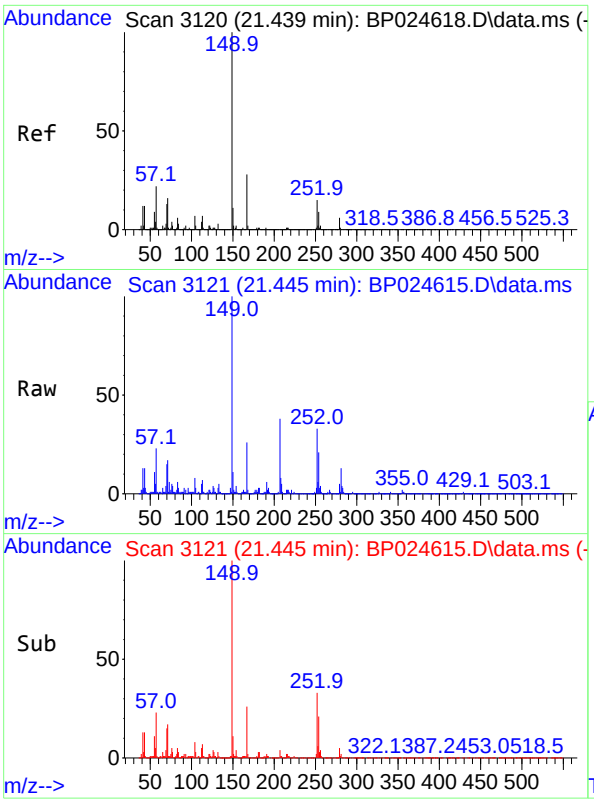


#83
Chrysene
Concen: 5.10 ng
RT: 21.575 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 186449

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	18.9	15.5	23.3



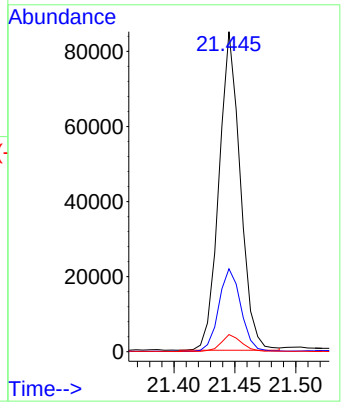


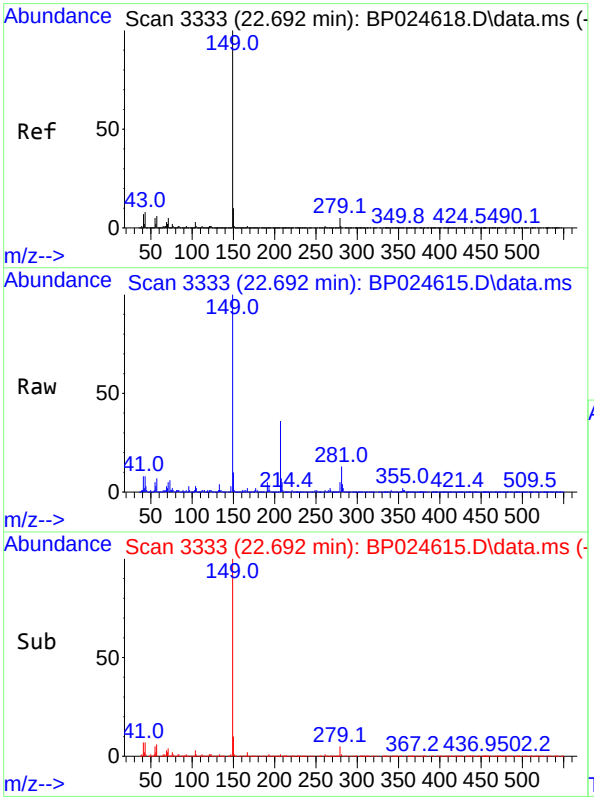
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.29 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 103286

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.1	33.1
279	5.4	4.6	6.8

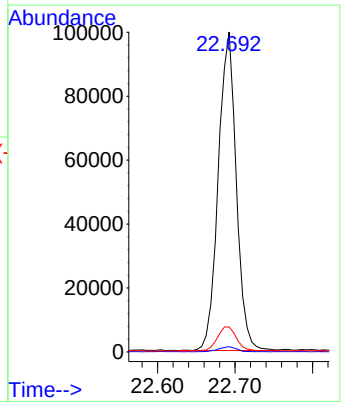


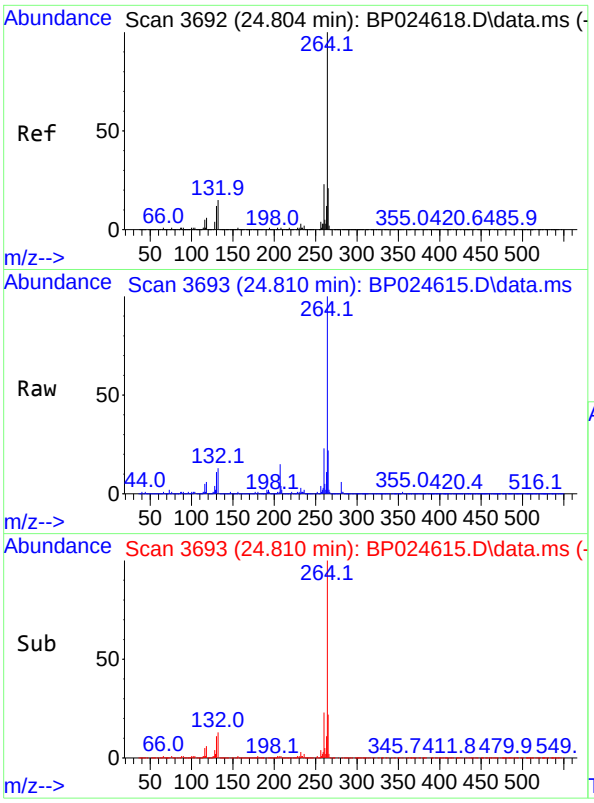


#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.692 min Scan# 3333
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 160883

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	6.3	9.5



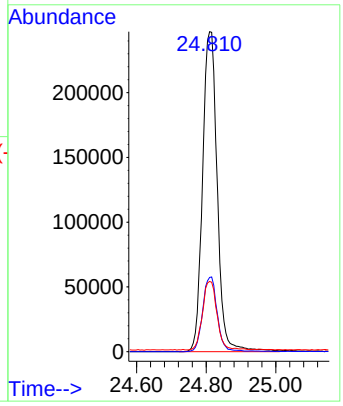


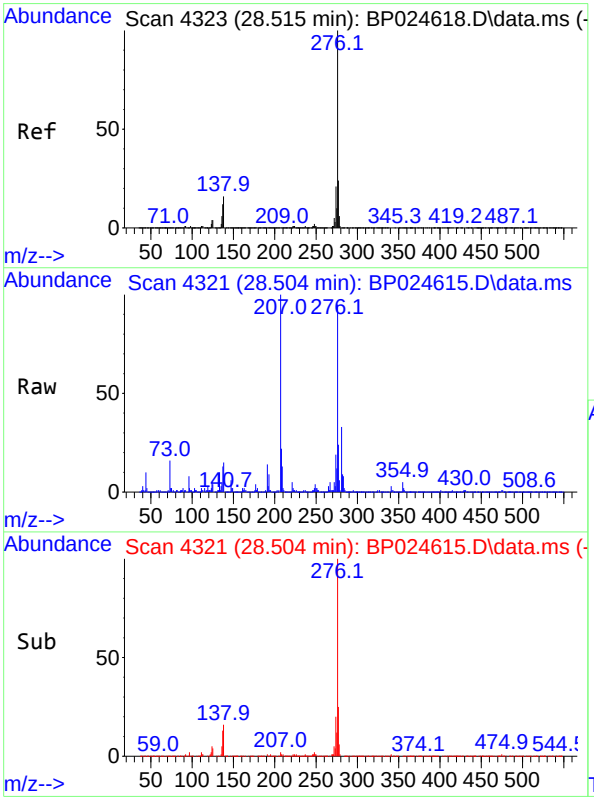
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 724260

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.0	17.0	25.6

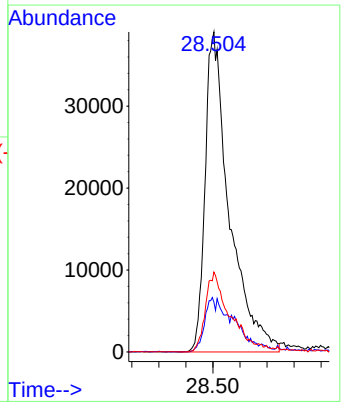


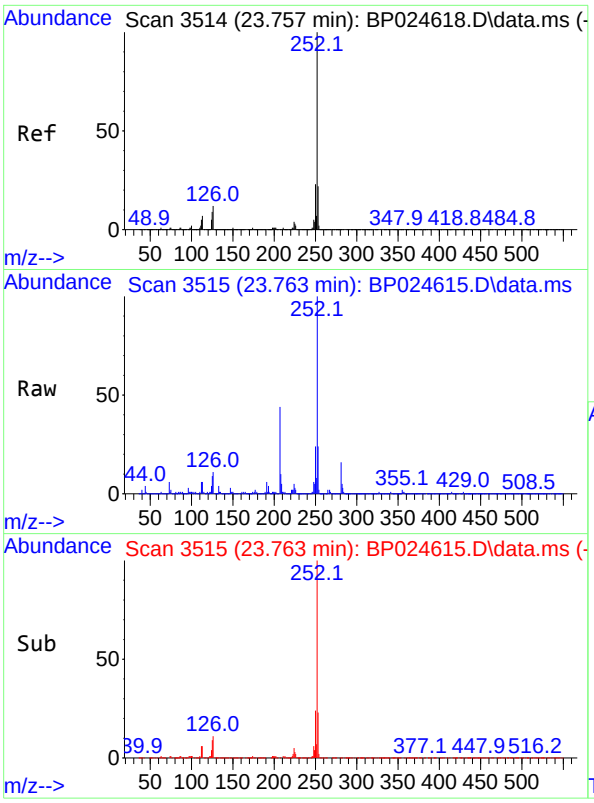


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 28.504 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:276 Resp: 242814

Ion	Ratio	Lower	Upper
276	100		
138	7.4	11.2	16.8#
277	24.4	15.7	23.5#



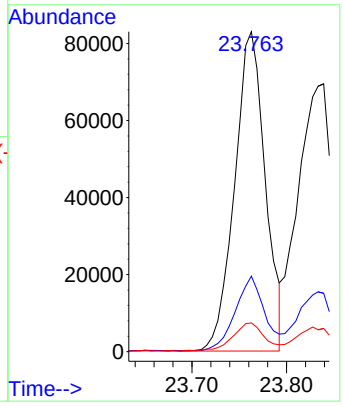


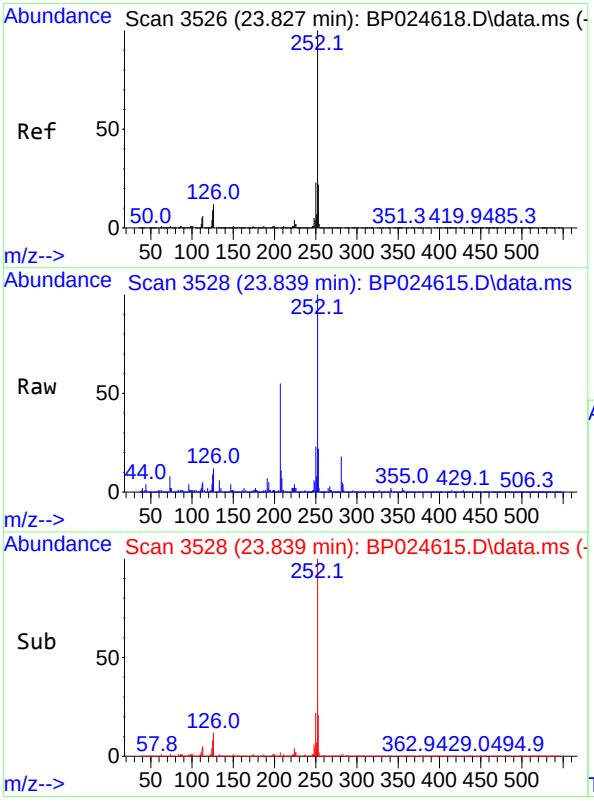
#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 23.763 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 186058

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.0	7.5	11.3

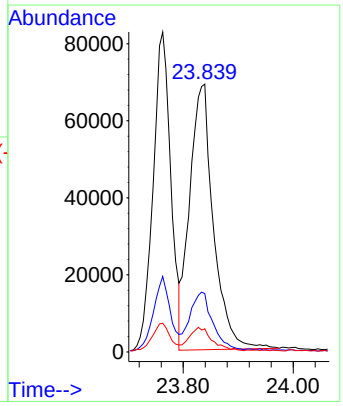


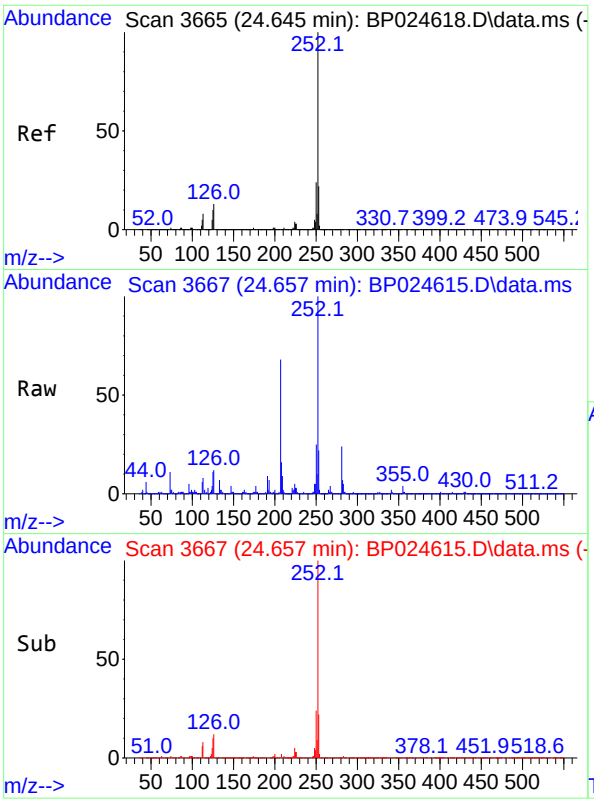


#89
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 207645

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.7	7.0	10.4



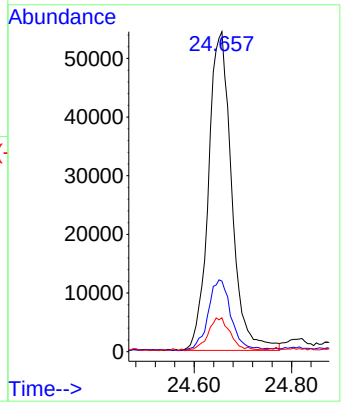


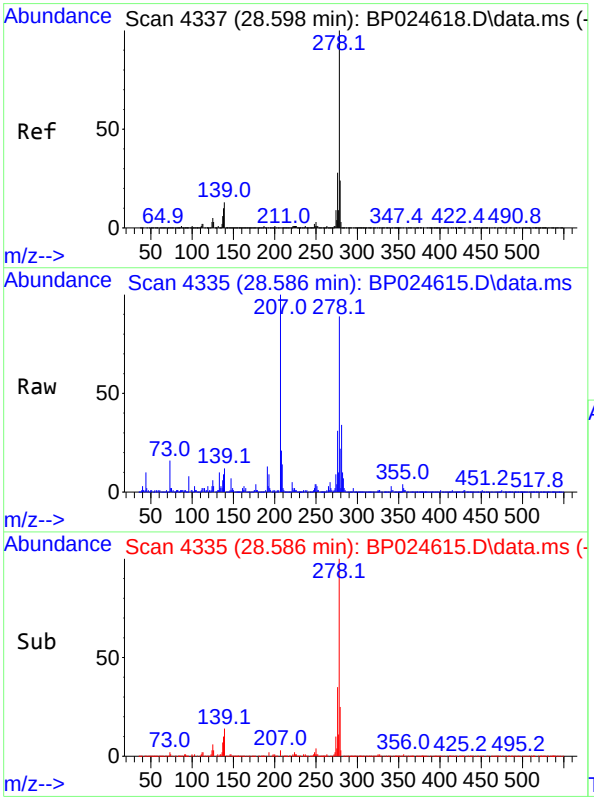
#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 24.657 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 180157

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.6	8.1	12.1

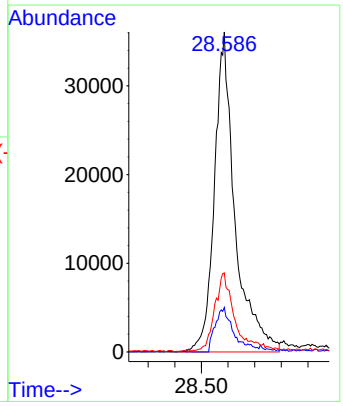


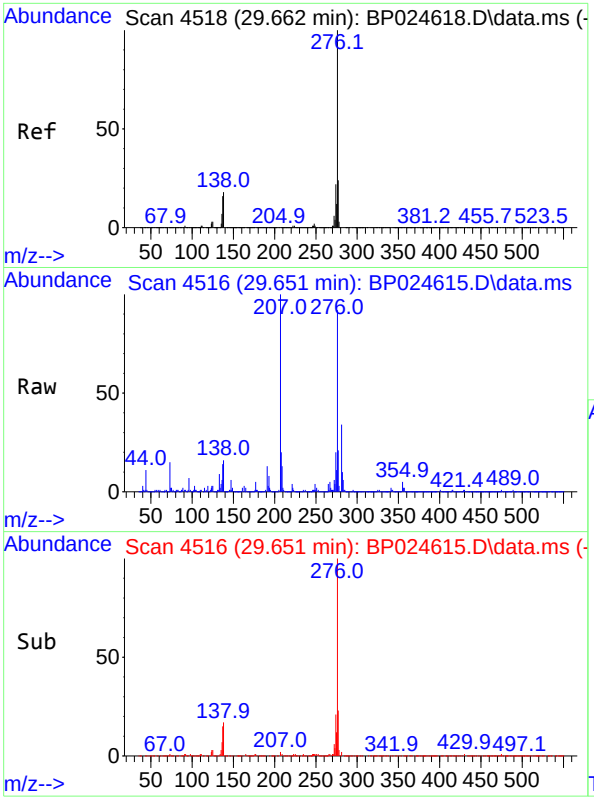


#91
Dibenzo(a,h)anthracene
Concen: 4.50 ng
RT: 28.586 min Scan# 4335
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:278 Resp: 193373

Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.2	15.4
279	24.7	19.0	28.4



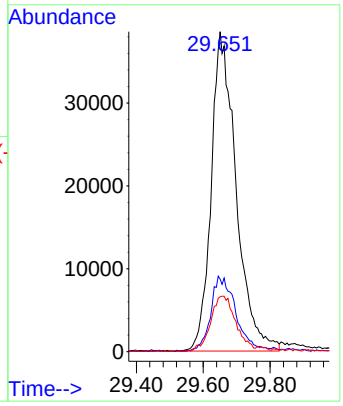


#92
Benzo(g,h,i)perylene
Concen: 4.66 ng
RT: 29.651 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 199361

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	17.2	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	94972	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	398657	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	268335	20.00	ng		-0.01
64) Phenanthrene-d10	17.098	188	556673	20.00	ng		0.00
76) Chrysene-d12	21.516	240	659092	20.00	ng		0.00
86) Perylene-d12	24.798	264	780142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	104115	18.75	ng		0.00
7) Phenol-d6	6.858	99	127652	18.01	ng		0.00
23) Nitrobenzene-d5	8.810	82	149876	19.00	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	86099	18.93	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	401986	19.63	ng		0.00
79) Terphenyl-d14	19.822	244	733687	19.09	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	26472	10.15	ng		99
3) Pyridine	3.634	79	53915	9.33	ng		98
4) n-Nitrosodimethylamine	3.540	42	24093	9.44	ng	#	96
6) Aniline	7.005	93	80863	8.84	ng		99
8) 2-Chlorophenol	7.240	128	57182	9.07	ng		99
9) Benzaldehyde	6.822	77	47848m	10.45	ng		
10) Phenol	6.881	94	66520	9.09	ng		96
11) bis(2-Chloroethyl)ether	7.093	93	55575	9.25	ng		99
12) 1,3-Dichlorobenzene	7.557	146	70590	9.73	ng		100
13) 1,4-Dichlorobenzene	7.699	146	71467	9.80	ng		99
14) 1,2-Dichlorobenzene	8.010	146	69643	9.80	ng		96
15) Benzyl Alcohol	7.916	79	45094	8.37	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	68599	9.53	ng		98
17) 2-Methylphenol	8.116	107	45071	8.59	ng		96
18) Hexachloroethane	8.728	117	28078	10.05	ng		96
19) n-Nitroso-di-n-propyla...	8.463	70	45927	9.37	ng		96
20) 3+4-Methylphenols	8.446	107	61832	8.66	ng		95
22) Acetophenone	8.481	105	95803	9.62	ng	#	99
24) Nitrobenzene	8.857	77	67735	9.76	ng		98
25) Isophorone	9.375	82	127474	9.31	ng		99
26) 2-Nitrophenol	9.563	139	28470	8.37	ng		94
27) 2,4-Dimethylphenol	9.628	122	55664	9.28	ng		98
28) bis(2-Chloroethoxy)met...	9.851	93	78019	9.54	ng		97
29) 2,4-Dichlorophenol	10.110	162	51386	8.84	ng		98
30) 1,2,4-Trichlorobenzene	10.304	180	64245	9.81	ng		96
31) Naphthalene	10.481	128	204468	9.90	ng		99
32) Benzoic acid	9.746	122	17770m	10.42	ng		
33) 4-Chloroaniline	10.610	127	73990	8.88	ng		99
34) Hexachlorobutadiene	10.769	225	42567	10.03	ng		97
35) Caprolactam	11.381	113	18245m	8.68	ng		
36) 4-Chloro-3-methylphenol	11.746	107	64857	9.15	ng		98
37) 2-Methylnaphthalene	12.098	142	130412	9.75	ng		100
38) 1-Methylnaphthalene	12.316	142	139573	9.75	ng		100
40) 1,2,4,5-Tetrachloroben...	12.475	216	74824	9.60	ng		100
41) Hexachlorocyclopentadiene	12.451	237	37072	7.85	ng		98
43) 2,4,6-Trichlorophenol	12.722	196	45798	9.07	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	50348	8.96	ng		94
46) 1,1'-Biphenyl	13.122	154	192445	9.70	ng		100
47) 2-Chloronaphthalene	13.163	162	148443	9.82	ng		99
48) 2-Nitroaniline	13.375	65	40786	9.11	ng		93
49) Acenaphthylene	14.010	152	243913	9.64	ng		98
50) Dimethylphthalate	13.751	163	204825	10.01	ng		99
51) 2,6-Dinitrotoluene	13.869	165	41257	9.55	ng		92
52) Acenaphthene	14.357	154	141360	9.72	ng		99
53) 3-Nitroaniline	14.216	138	36906	8.37	ng		99
54) 2,4-Dinitrophenol	14.439	184	13128	10.84	ng		95
55) Dibenzofuran	14.704	168	230286	9.92	ng		99
56) 4-Nitrophenol	14.575	139	21349	9.53	ng		93
57) 2,4-Dinitrotoluene	14.675	165	56617	9.30	ng		94
58) Fluorene	15.357	166	189781	10.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	48821	9.37	ng		99
60) Diethylphthalate	15.134	149	206886	10.01	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	93517	9.91	ng		97
62) 4-Nitroaniline	15.404	138	34813m	8.11	ng		
63) Azobenzene	15.657	77	174322	9.86	ng		98
65) 4,6-Dinitro-2-methylph...	15.457	198	26174	7.28	ng		96
66) n-Nitrosodiphenylamine	15.575	169	164008	9.59	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	62011	9.45	ng		97
68) Hexachlorobenzene	16.392	284	80088	9.61	ng		98
69) Atrazine	16.551	200	58245	9.30	ng		99
70) Pentachlorophenol	16.757	266	38095m	8.14	ng		
71) Phenanthrene	17.139	178	301863	9.75	ng		100
72) Anthracene	17.239	178	296146	9.51	ng		100
73) Carbazole	17.522	167	262687	9.32	ng		100
74) Di-n-butylphthalate	18.116	149	338893	9.35	ng		100
75) Fluoranthene	19.227	202	349083	9.65	ng		99
77) Benzidine	19.445	184	119229m	6.59	ng		
78) Pyrene	19.604	202	374573	9.48	ng		100
80) Butylbenzylphthalate	20.551	149	153275	8.73	ng		99
81) Benzo(a)anthracene	21.498	228	401322	9.70	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	129324	8.41	ng		99
83) Chrysene	21.569	228	388846	9.91	ng		98
84) Bis(2-ethylhexyl)phtha...	21.439	149	225047	8.72	ng		100
85) Di-n-octyl phthalate	22.680	149	367934	8.72	ng		100
87) Indeno(1,2,3-cd)pyrene	28.503	276	529260	9.29	ng	#	92
88) Benzo(b)fluoranthene	23.751	252	417343	9.35	ng		99
89) Benzo(k)fluoranthene	23.821	252	431575	9.38	ng		99
90) Benzo(a)pyrene	24.627	252	390288	9.10	ng		100
91) Dibenzo(a,h)anthracene	28.574	278	415768	8.97	ng		99
92) Benzo(g,h,i)perylene	29.650	276	431559	9.37	ng		97

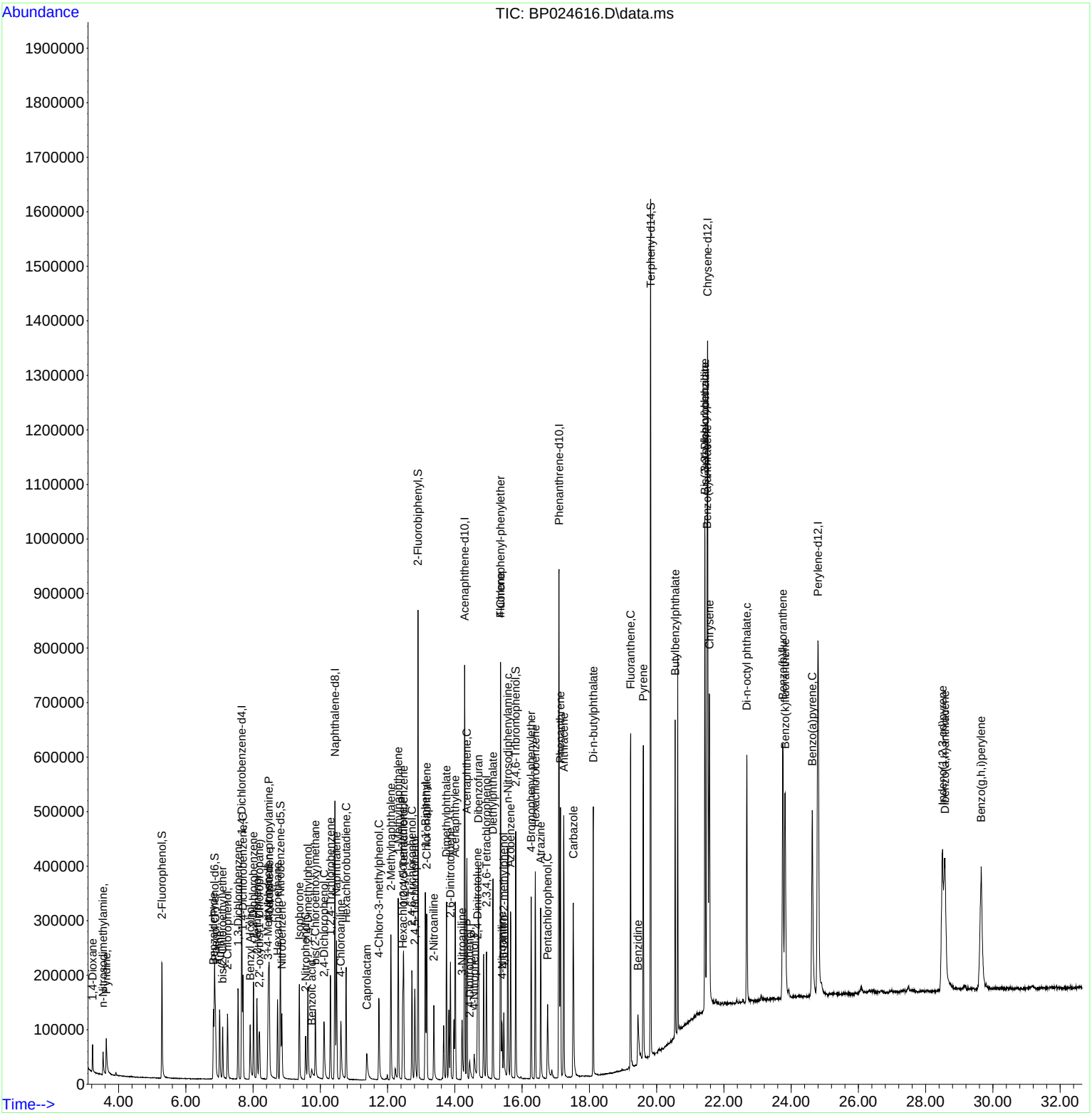
(#) = qualifier out of range (m) = manual integration (+) = signals summed

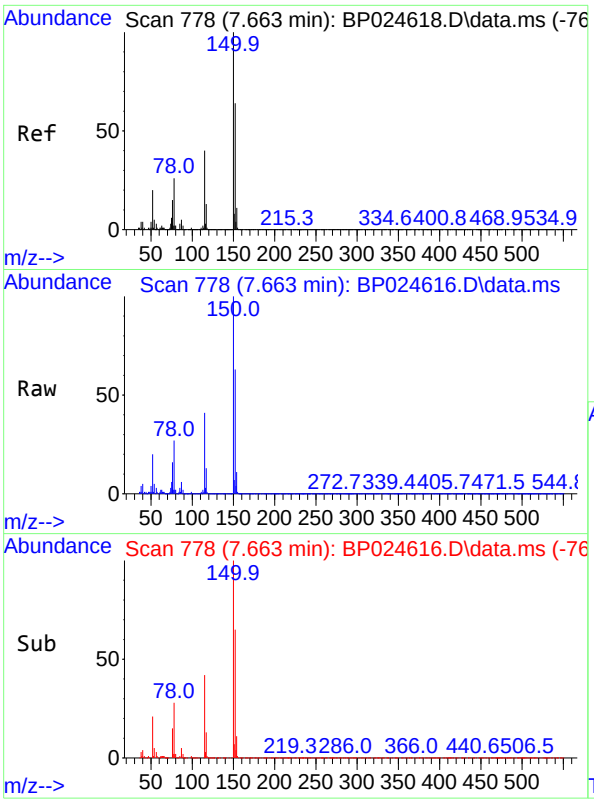
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



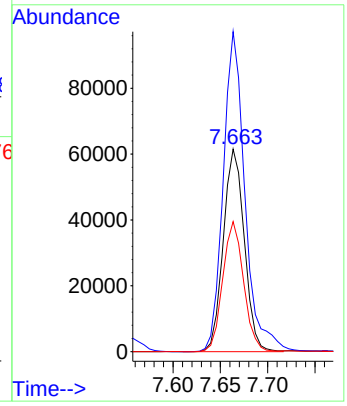


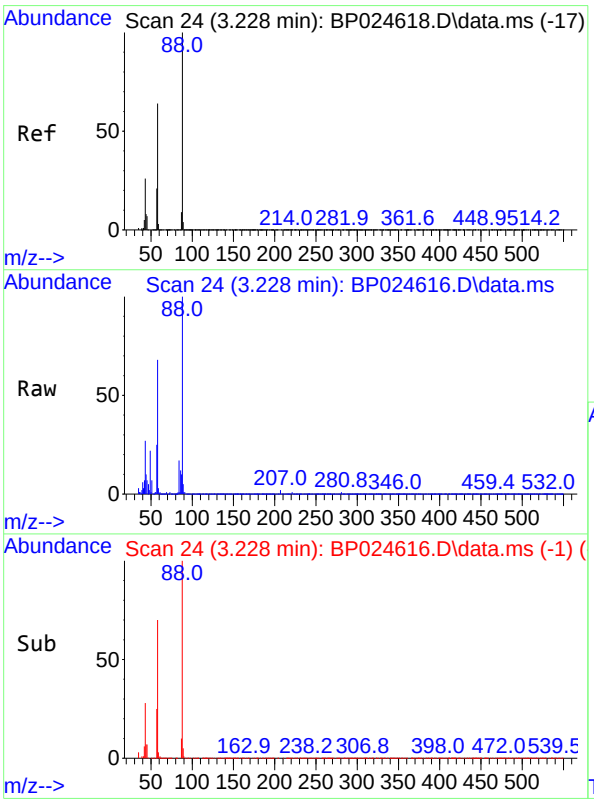
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 94972

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.9	188.9
115	64.2	50.1	75.1

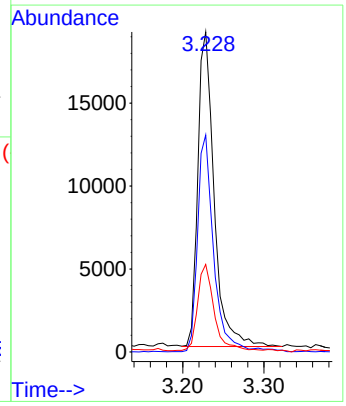


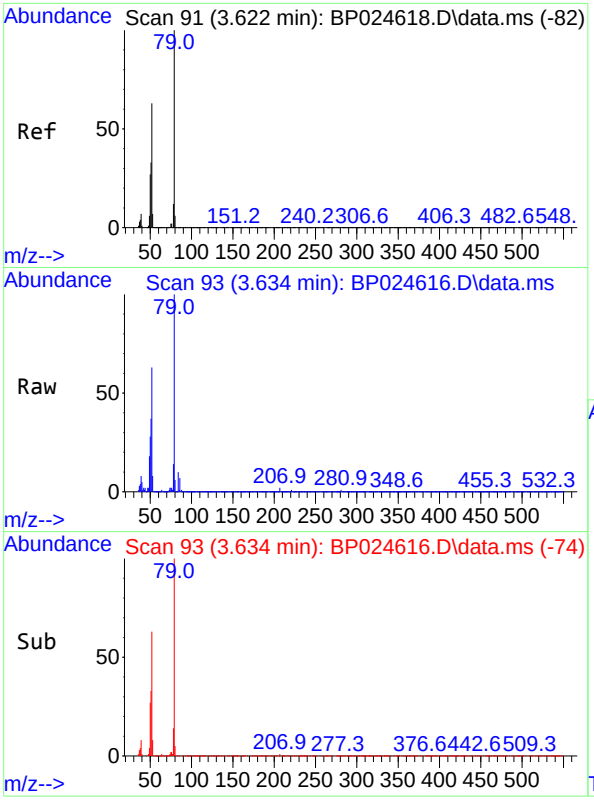


#2
1,4-Dioxane
Concen: 10.15 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 88 Resp: 26472

Ion	Ratio	Lower	Upper
88	100		
58	67.6	54.0	81.0
43	27.8	21.4	32.0



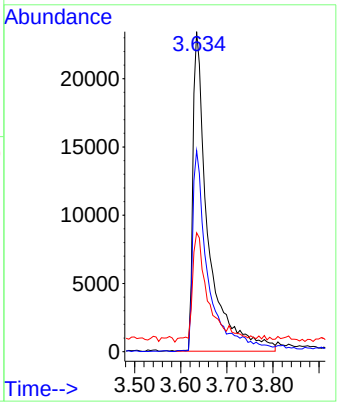


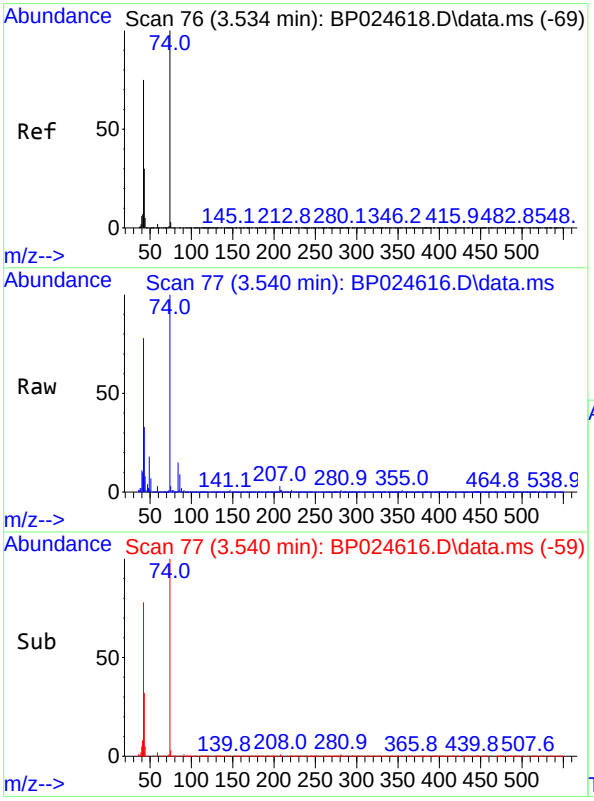
#3
Pyridine
Concen: 9.33 ng
RT: 3.634 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 53915

Ion	Ratio	Lower	Upper
79	100		
52	62.8	50.2	75.2
51	37.1	26.8	40.2

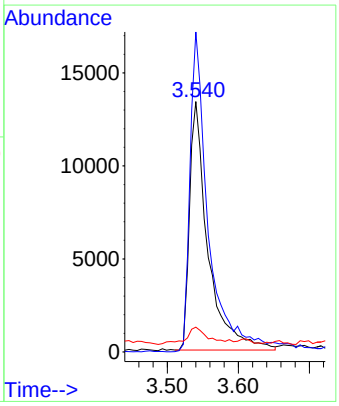


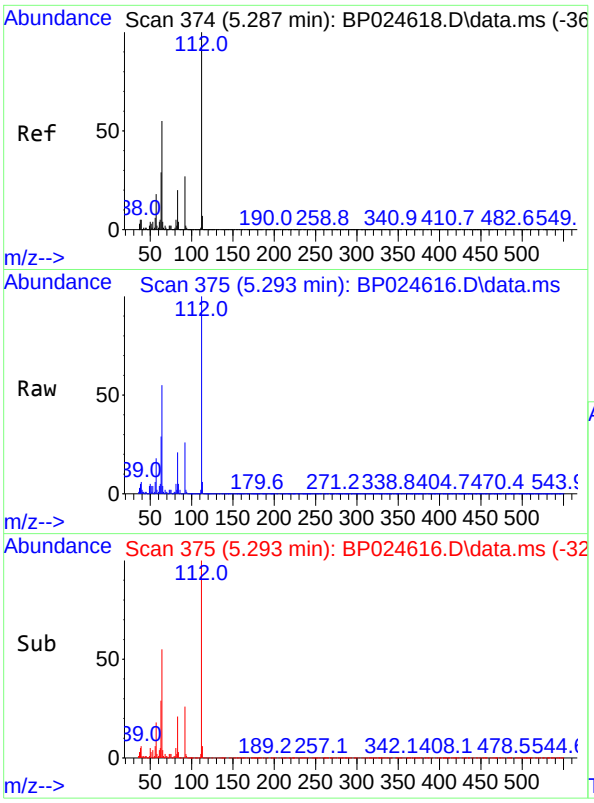


#4
n-Nitrosodimethylamine
Concen: 9.44 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 42 Resp: 24093

Ion	Ratio	Lower	Upper
42	100		
74	127.8	106.2	159.2
44	9.9	5.4	8.2#



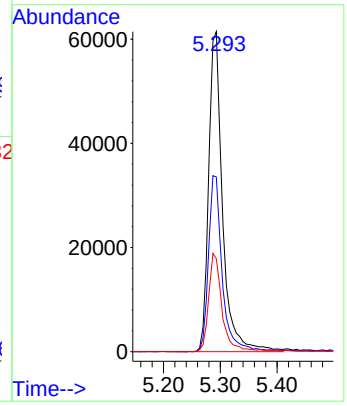


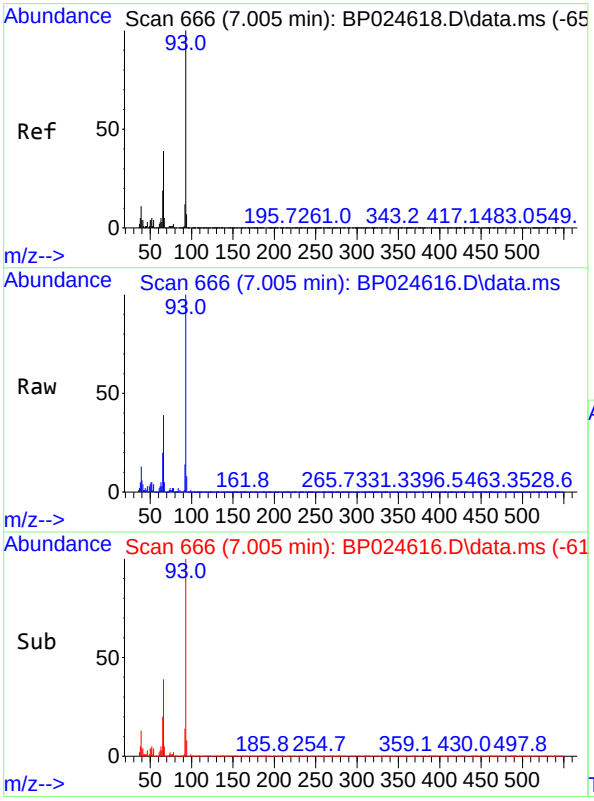
#5
2-Fluorophenol
Concen: 18.75 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 104115

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.1	66.1
63	29.0	23.5	35.3

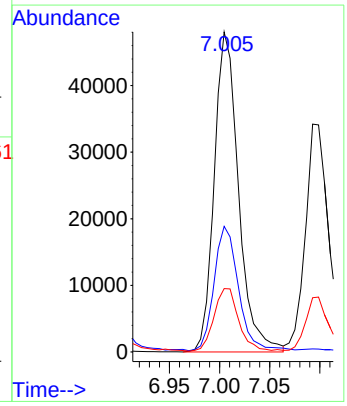


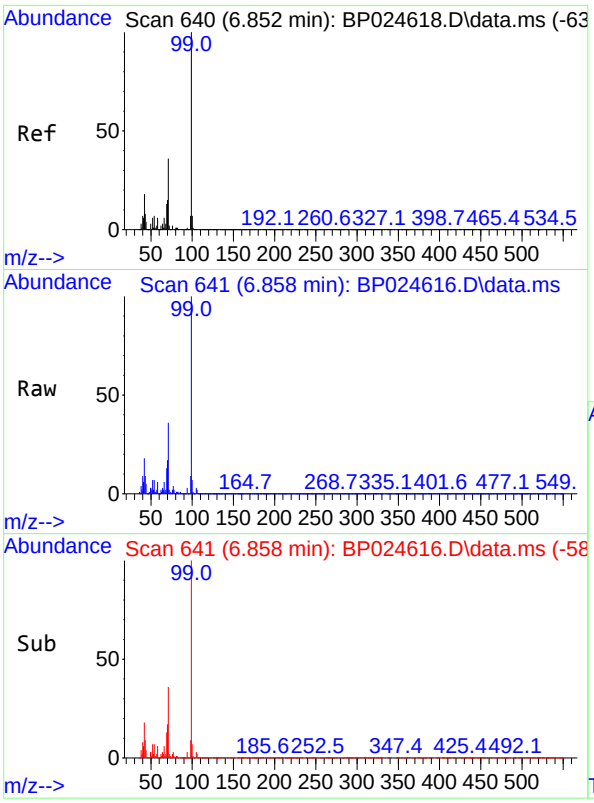


#6
Aniline
Concen: 8.84 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 80863

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.0	46.6
65	19.8	15.5	23.3



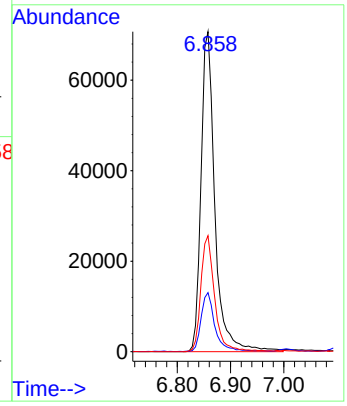


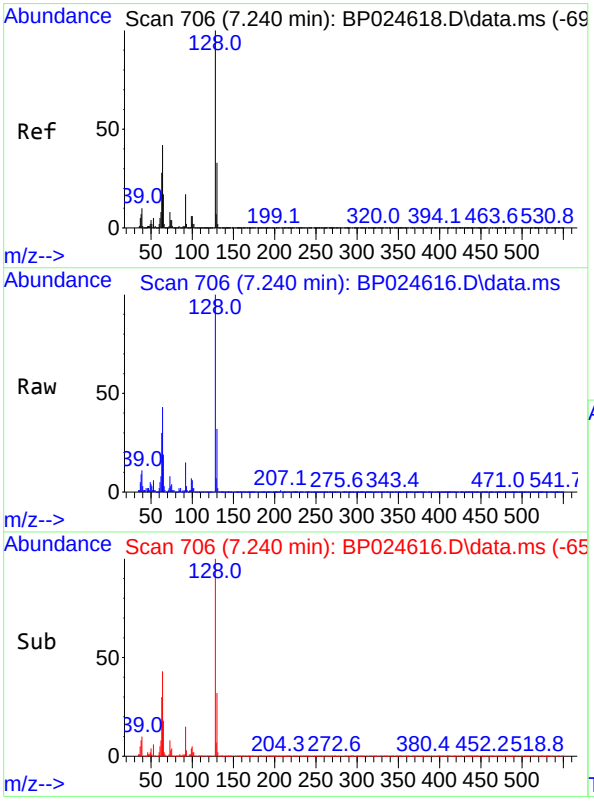
#7
Phenol-d6
Concen: 18.01 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 127652

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.4	21.6
71	36.3	29.2	43.8

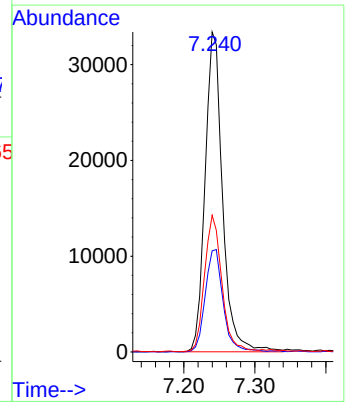


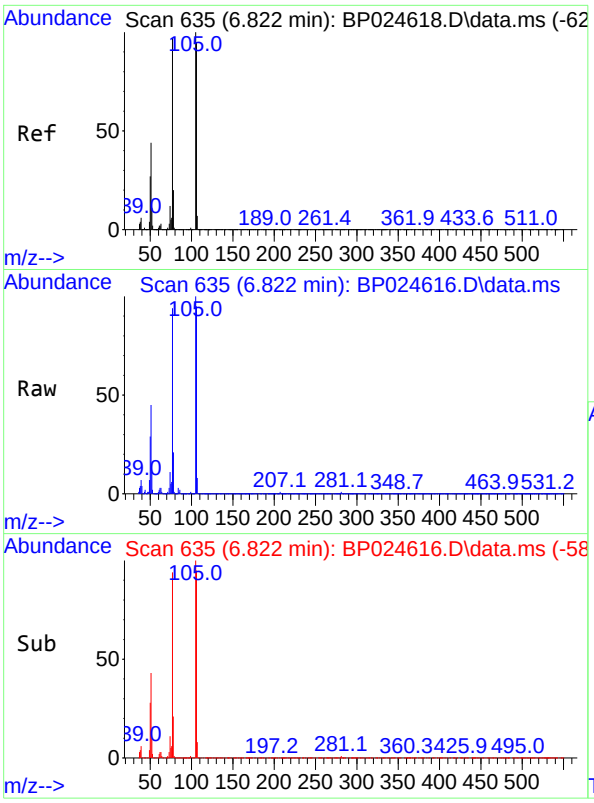


#8
2-Chlorophenol
Concen: 9.07 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:128 Resp: 57182

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.0	53.0
64	42.7	22.3	62.3



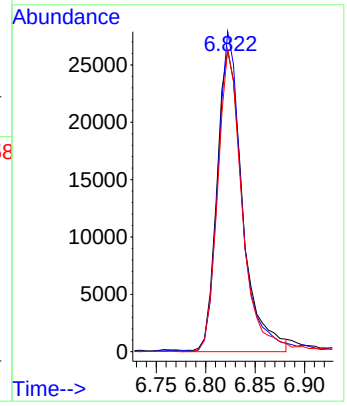


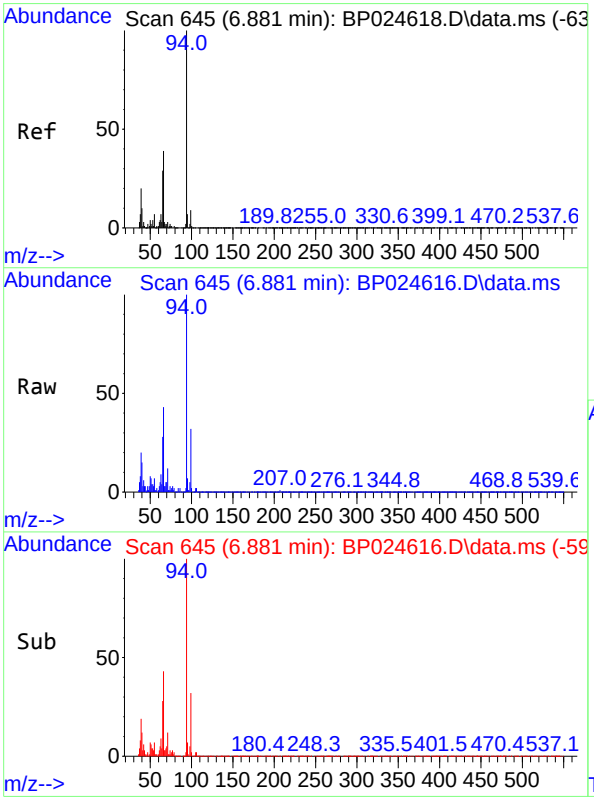
#9
Benzaldehyde
Concen: 10.45 ng m
RT: 6.822 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 47848

Ion	Ratio	Lower	Upper
77	100		
105	106.2	83.3	123.3
106	100.5	78.0	118.0

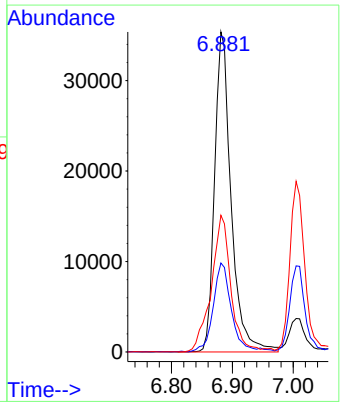


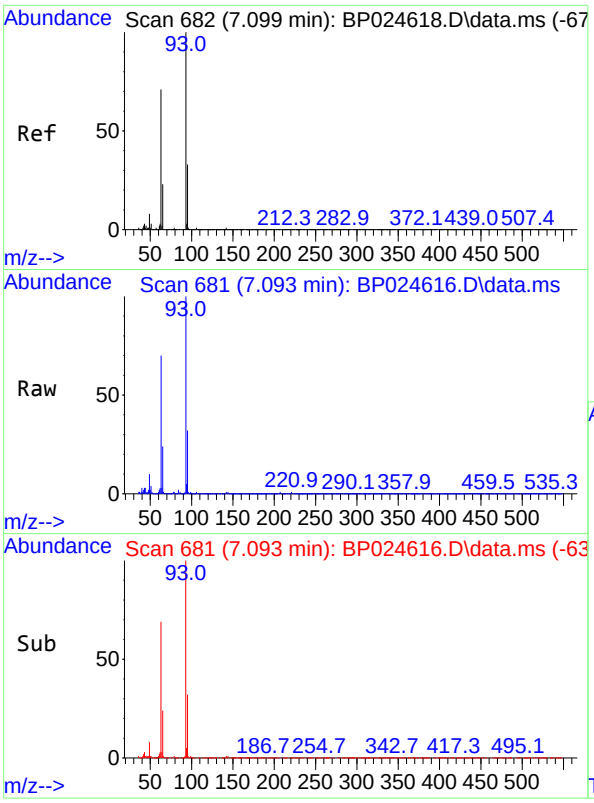


#10
Phenol
Concen: 9.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 94 Resp: 66520

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.7	48.7
66	42.7	19.4	59.4



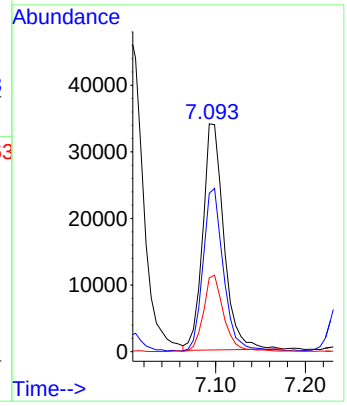


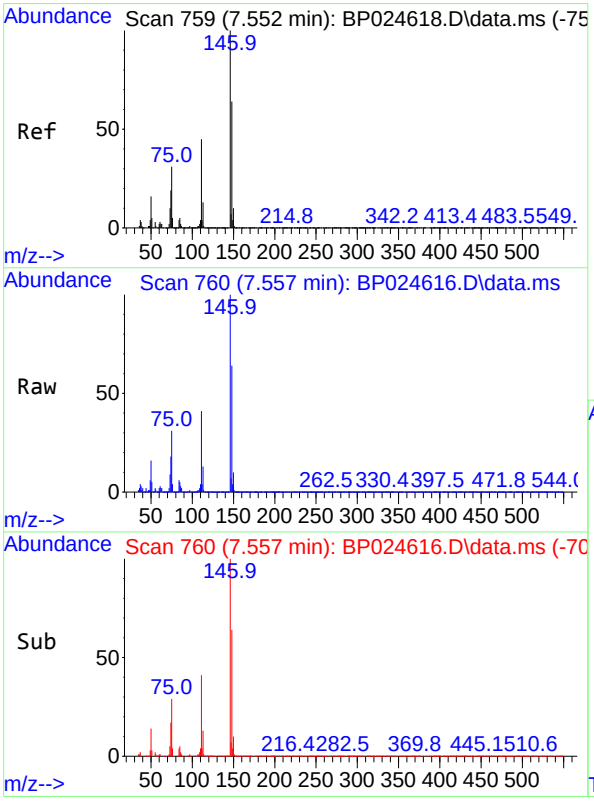
#11
bis(2-Chloroethyl)ether
Concen: 9.25 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 55575

Ion	Ratio	Lower	Upper
93	100		
63	69.5	50.6	90.6
95	32.4	12.9	52.9

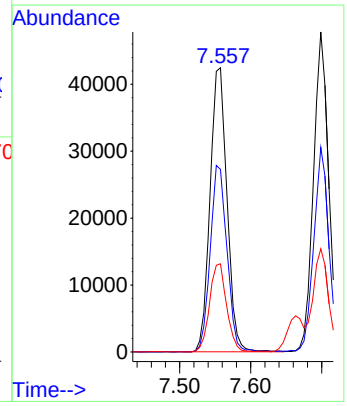


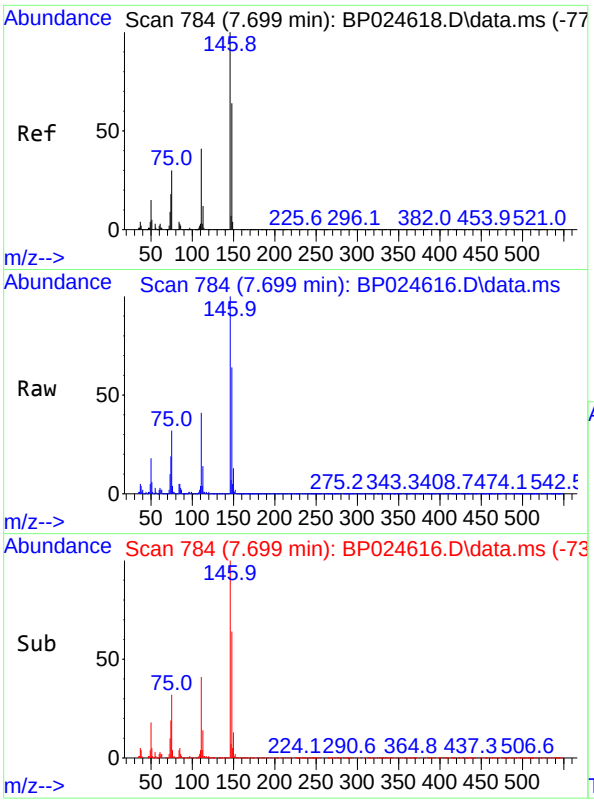


#12
1,3-Dichlorobenzene
Concen: 9.73 ng
RT: 7.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:146 Resp: 70590

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	31.1	25.2	37.8



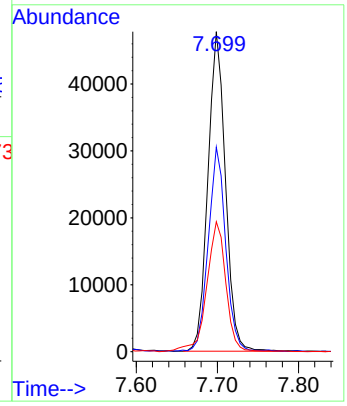


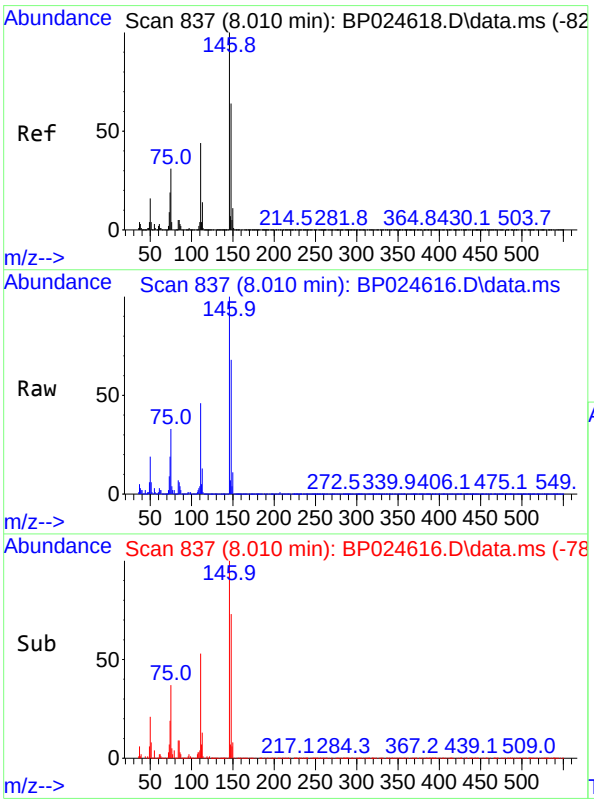
#13
1,4-Dichlorobenzene
Concen: 9.80 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 71467

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	40.6	33.0	49.6

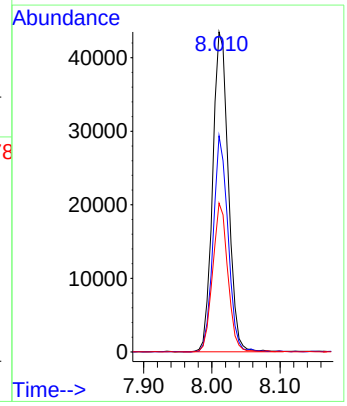


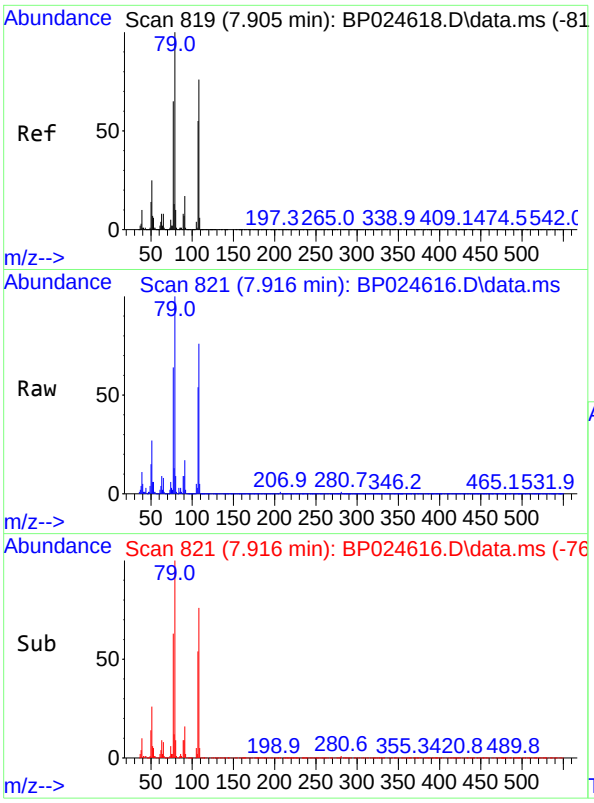


#14
1,2-Dichlorobenzene
Concen: 9.80 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:146 Resp: 69643

Ion	Ratio	Lower	Upper
146	100		
148	67.5	51.0	76.4
111	46.5	35.2	52.8



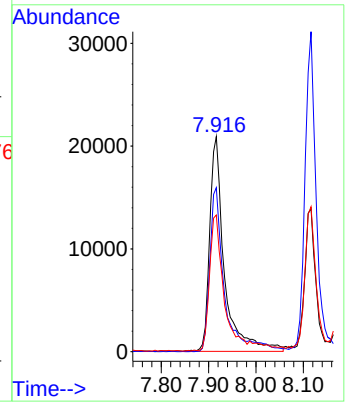


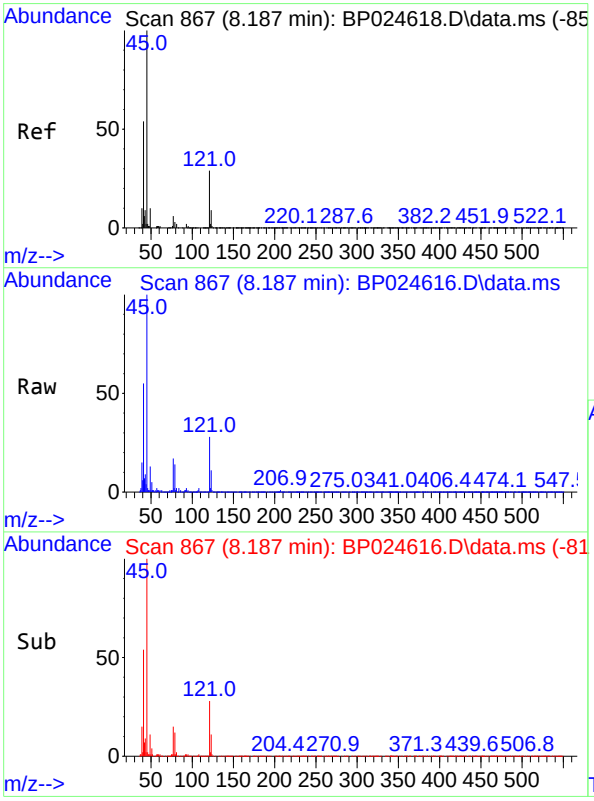
#15
Benzyl Alcohol
Concen: 8.37 ng
RT: 7.916 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 45094

Ion	Ratio	Lower	Upper
79	100		
108	76.3	60.8	91.2
77	63.5	51.9	77.9

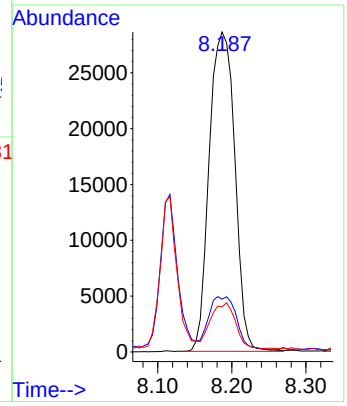


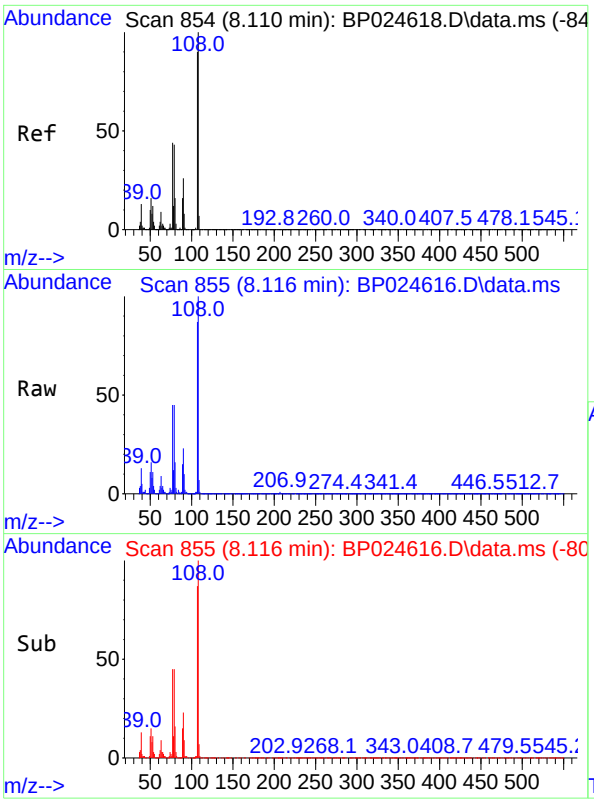


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.53 ng
RT: 8.187 min Scan# 867
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 45 Resp: 68599

Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	37.7
79	14.1	0.0	34.0



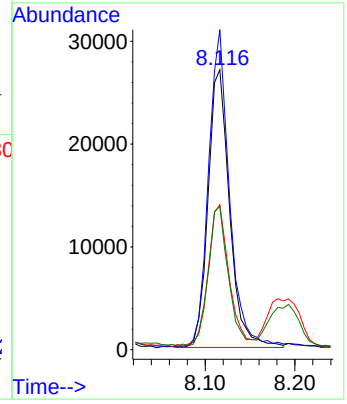


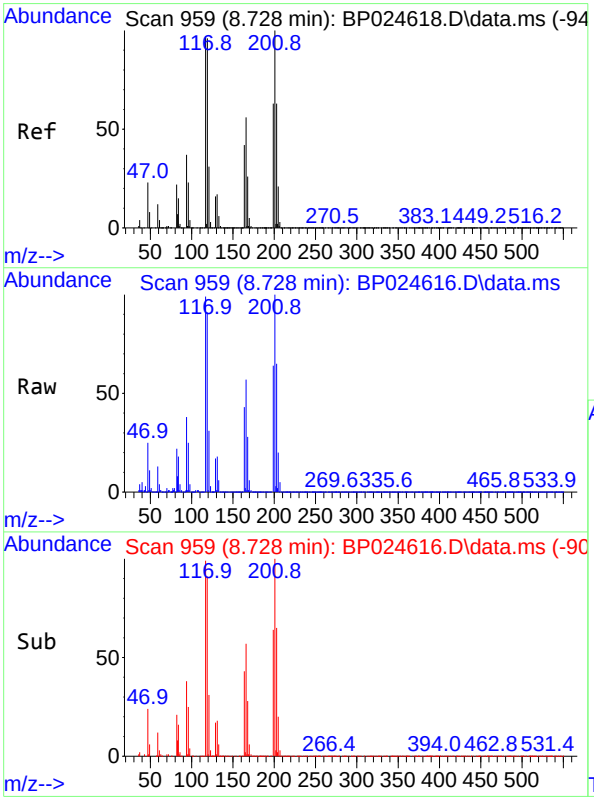
#17
2-Methylphenol
Concen: 8.59 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 45071

Ion	Ratio	Lower	Upper
107	100		
108	114.4	88.9	133.3
77	51.8	39.0	58.6
79	51.1	38.4	57.6

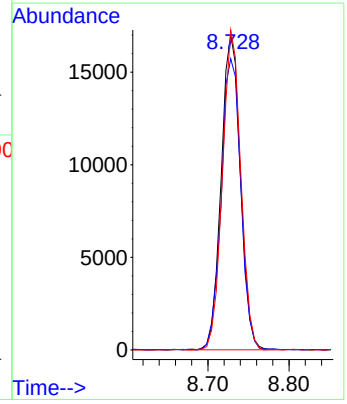


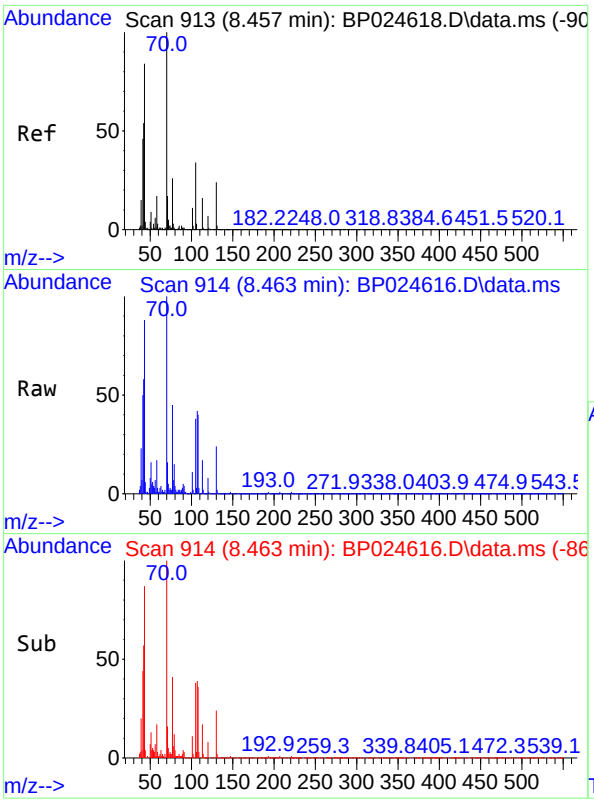


#18
Hexachloroethane
Concen: 10.05 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:117 Resp: 28078

Ion	Ratio	Lower	Upper
117	100		
119	92.3	79.4	119.0
201	101.4	82.7	124.1



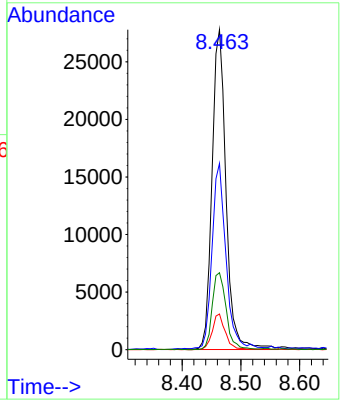


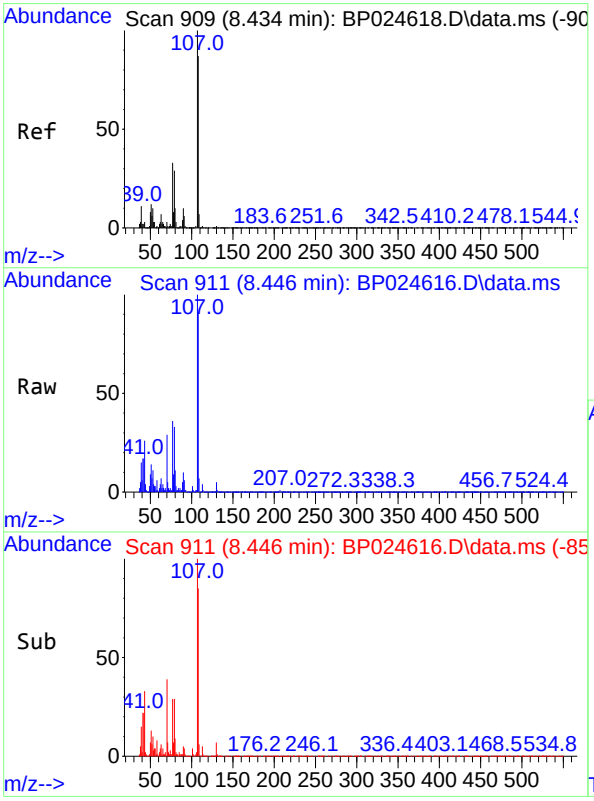
#19
n-Nitroso-di-n-propylamine
Concen: 9.37 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 45927

Ion	Ratio	Lower	Upper
70	100		
42	58.2	43.0	64.6
101	11.2	8.7	13.1
130	24.1	19.4	29.0

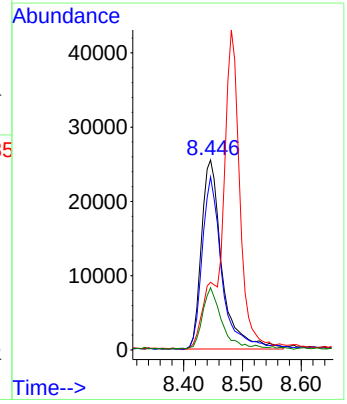


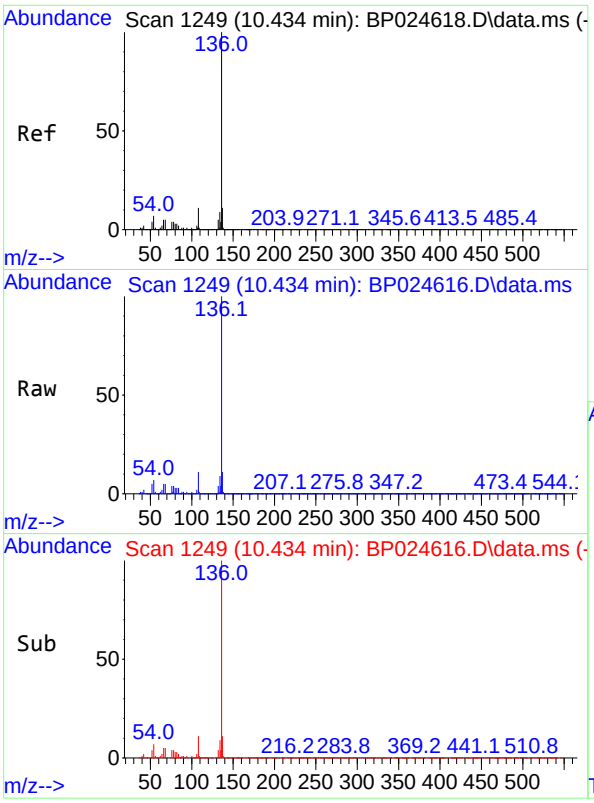


#20
3+4-Methylphenols
Concen: 8.66 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 61832

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.7	106.7
77	35.6	13.1	53.1
79	32.7	8.9	48.9



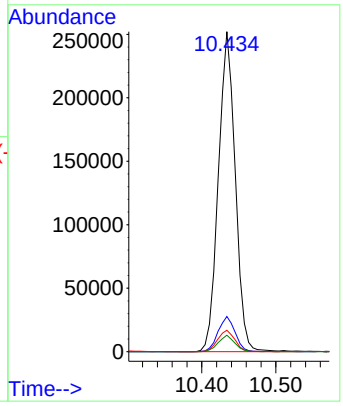


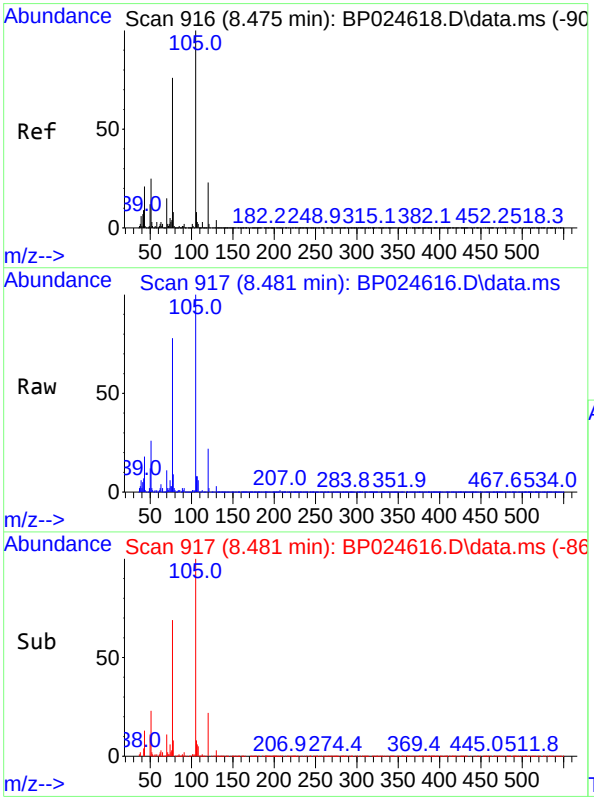
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 398657

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.5	8.3
68	5.2	4.2	6.2

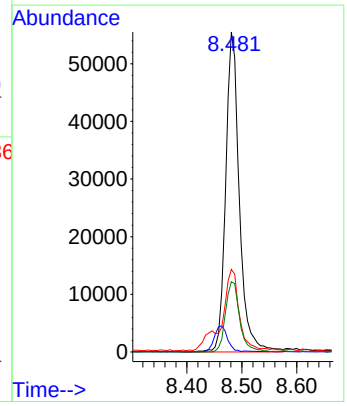


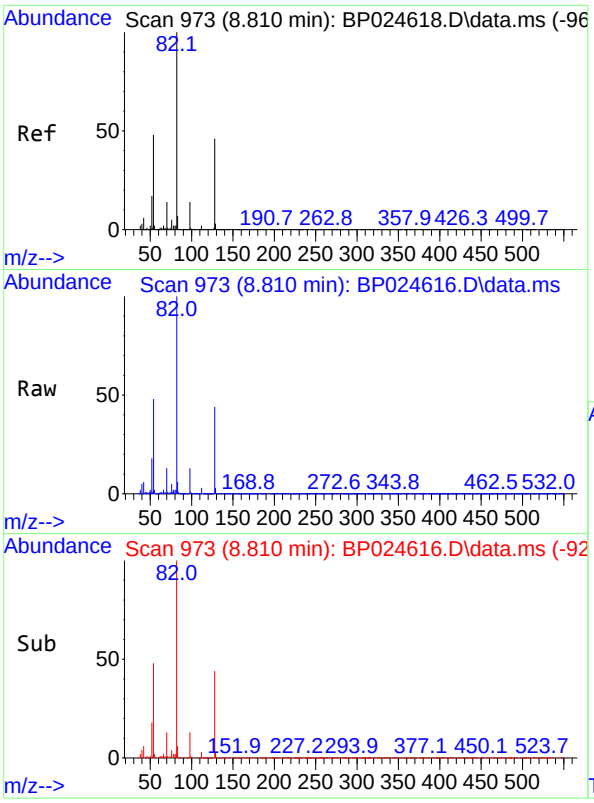


#22
Acetophenone
Concen: 9.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:105 Resp: 95803

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	25.8	20.4	30.6
120	22.0	18.1	27.1



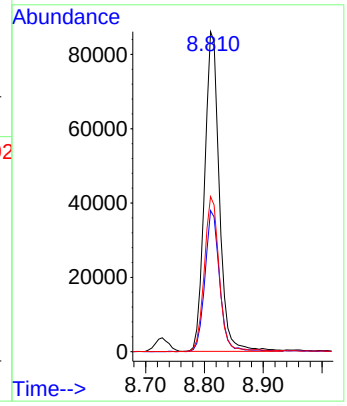


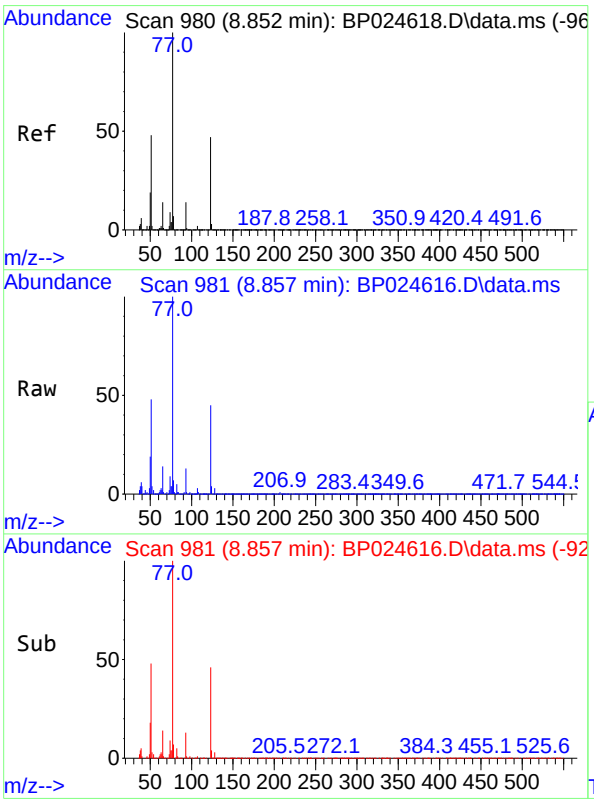
#23
Nitrobenzene-d5
Concen: 19.00 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 149876

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.4
54	48.5	38.7	58.1

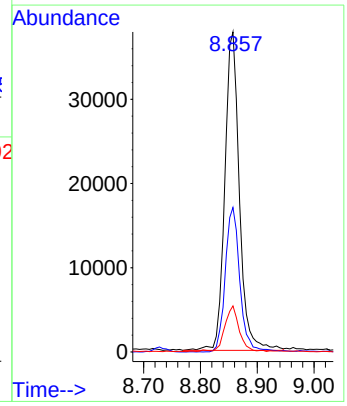


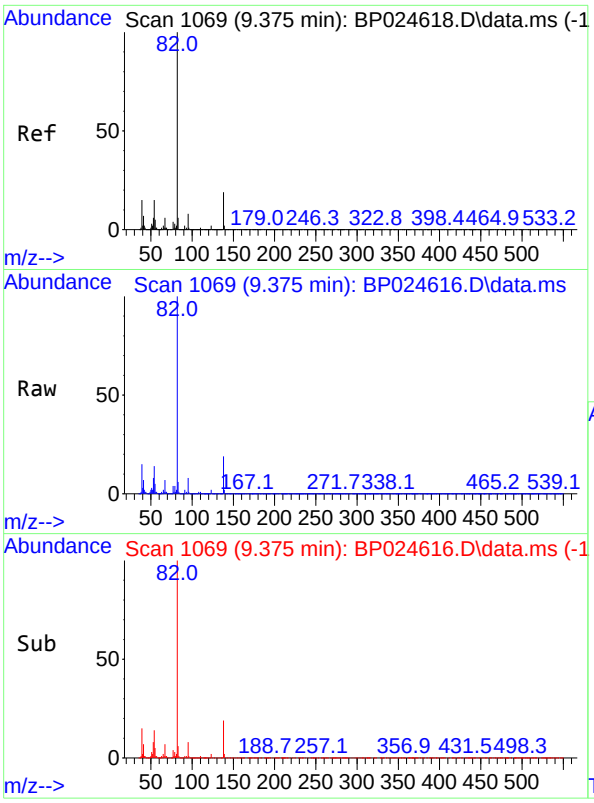


#24
Nitrobenzene
Concen: 9.76 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 77 Resp: 67735

Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.4	56.0
65	14.4	11.3	16.9



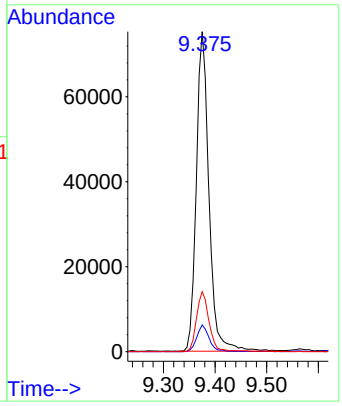


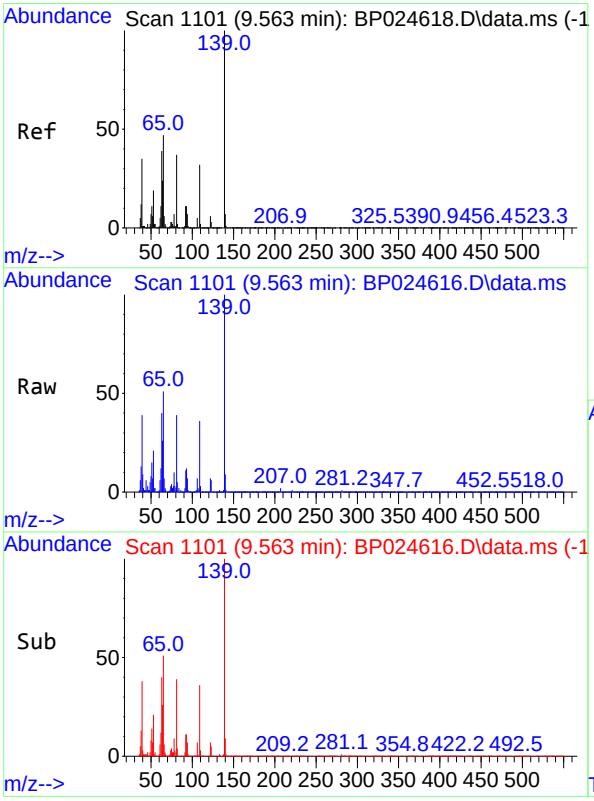
#25
Isophorone
Concen: 9.31 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 127474

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	18.7	15.3	22.9

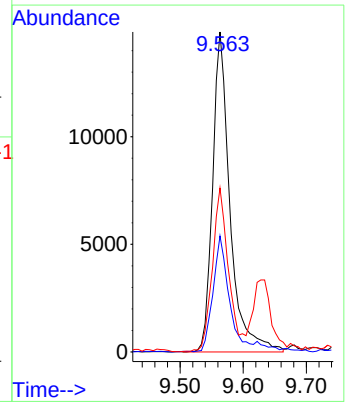


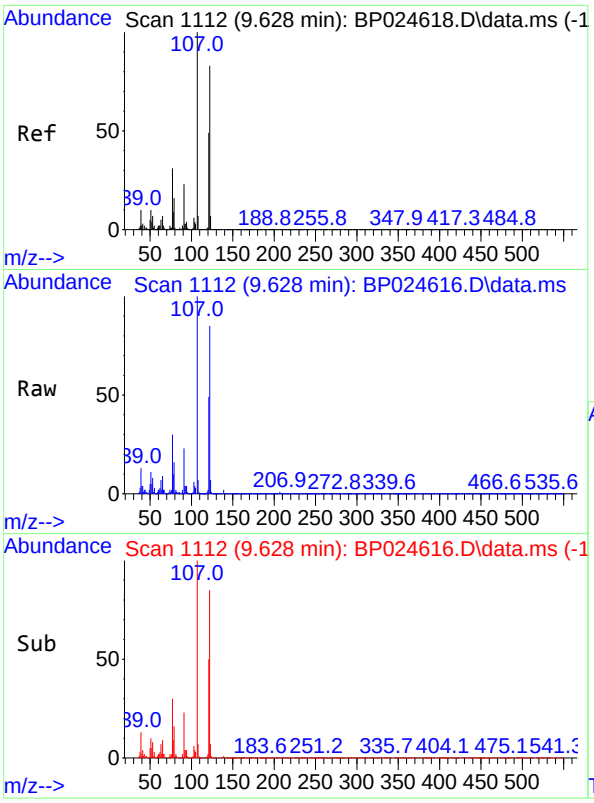


#26
2-Nitrophenol
Concen: 8.37 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 28470

Ion	Ratio	Lower	Upper
139	100		
109	36.2	25.9	38.9
65	51.3	37.9	56.9



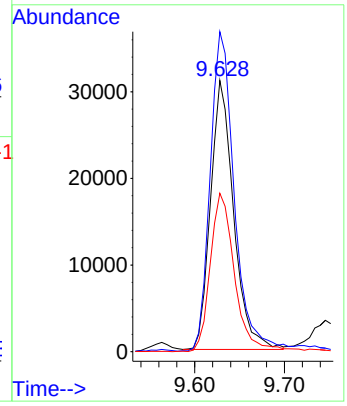


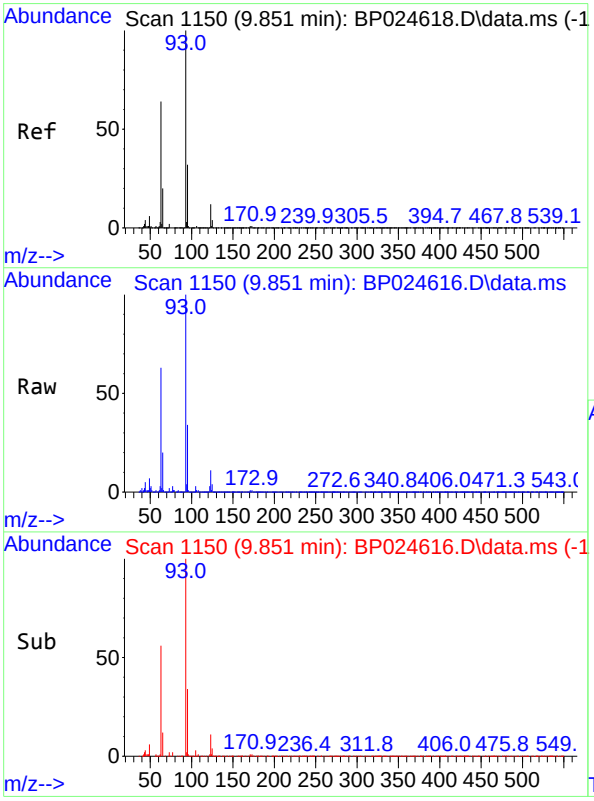
#27
2,4-Dimethylphenol
Concen: 9.28 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 55664

Ion	Ratio	Lower	Upper
122	100		
107	118.0	96.2	144.2
121	58.4	47.6	71.4

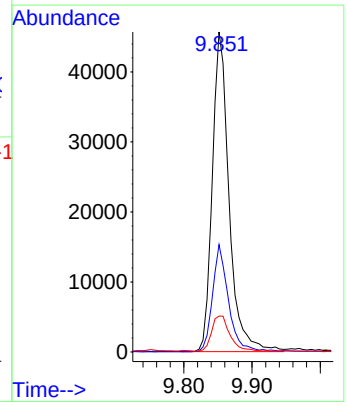


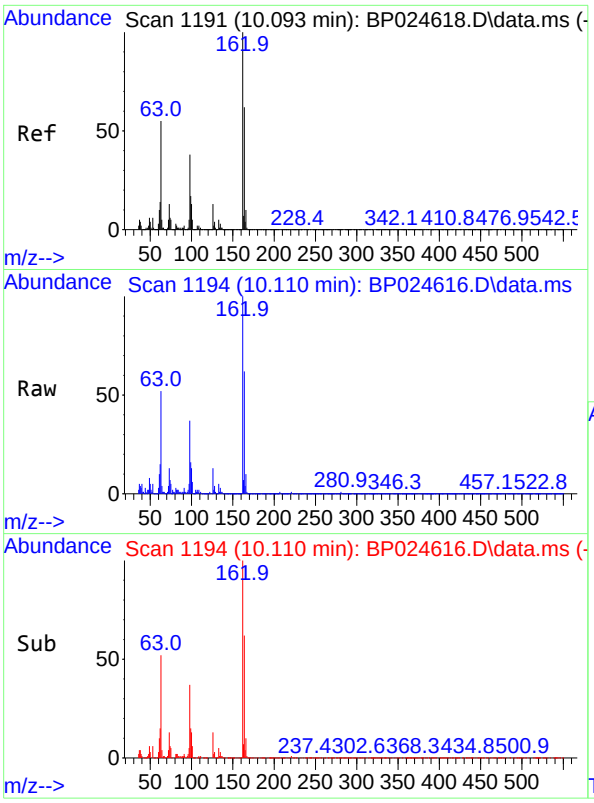


#28
bis(2-Chloroethoxy)methane
Concen: 9.54 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 78019

Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	11.2	9.7	14.5



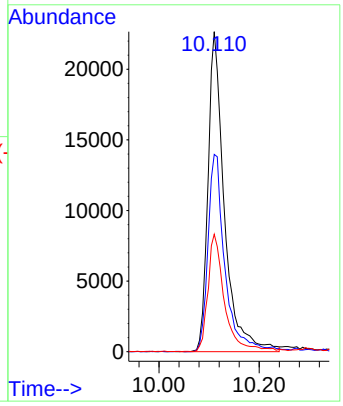


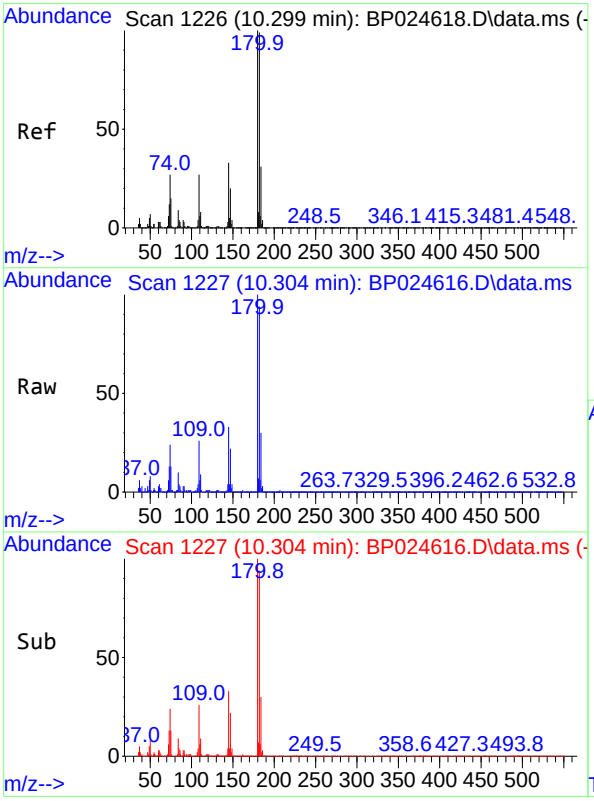
#29
2,4-Dichlorophenol
Concen: 8.84 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 51386

Ion	Ratio	Lower	Upper
162	100		
164	61.7	42.3	82.3
98	36.7	18.4	58.4

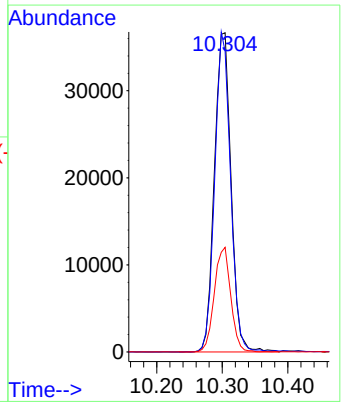


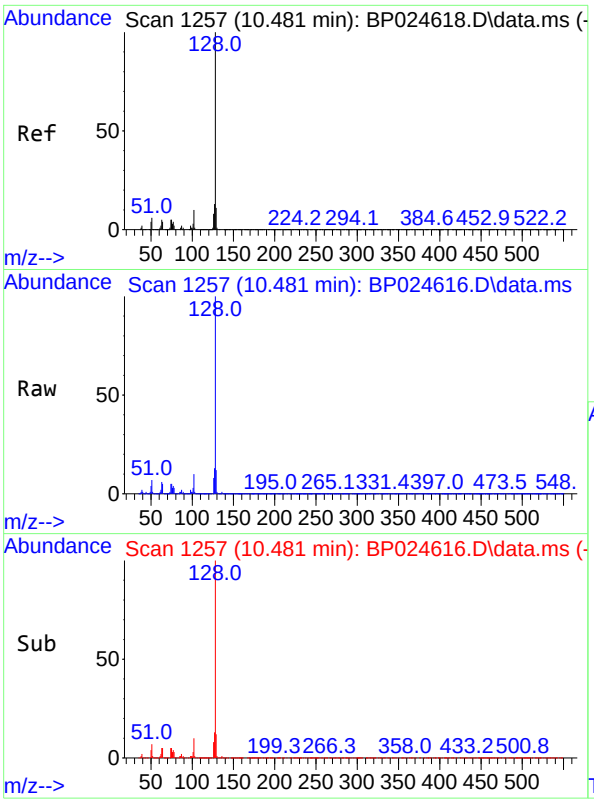


#30
1,2,4-Trichlorobenzene
Concen: 9.81 ng
RT: 10.304 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:180 Resp: 64245

Ion	Ratio	Lower	Upper
180	100		
182	94.1	79.0	118.4
145	32.8	26.6	39.8



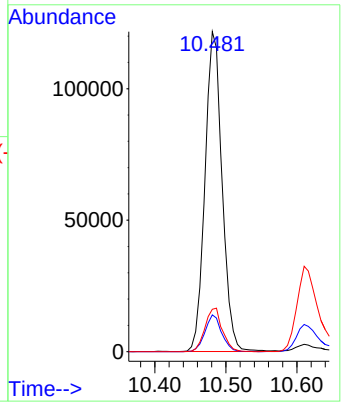


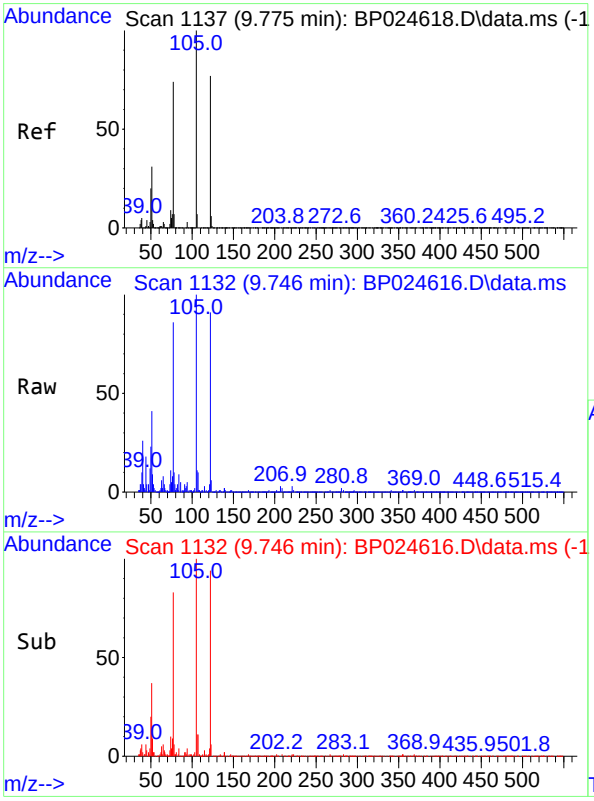
#31
Naphthalene
Concen: 9.90 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 204468

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.2	10.7	16.1

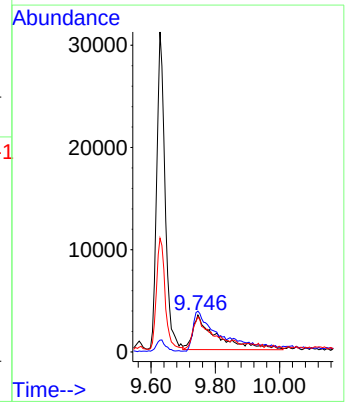


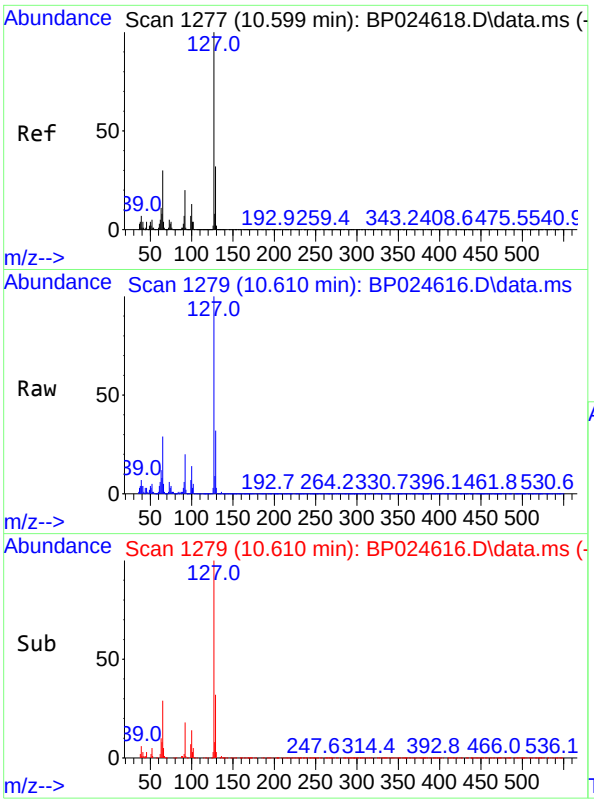


#32
Benzoic acid
Concen: 10.42 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:122 Resp: 17770

Ion	Ratio	Lower	Upper
122	100		
105	110.3	106.9	146.9
77	95.0	75.1	115.1



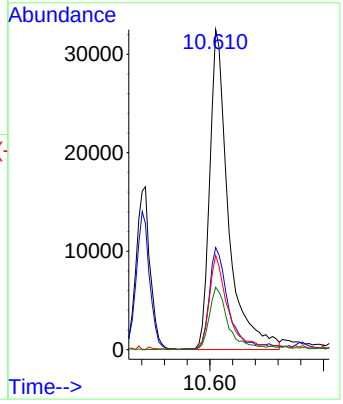


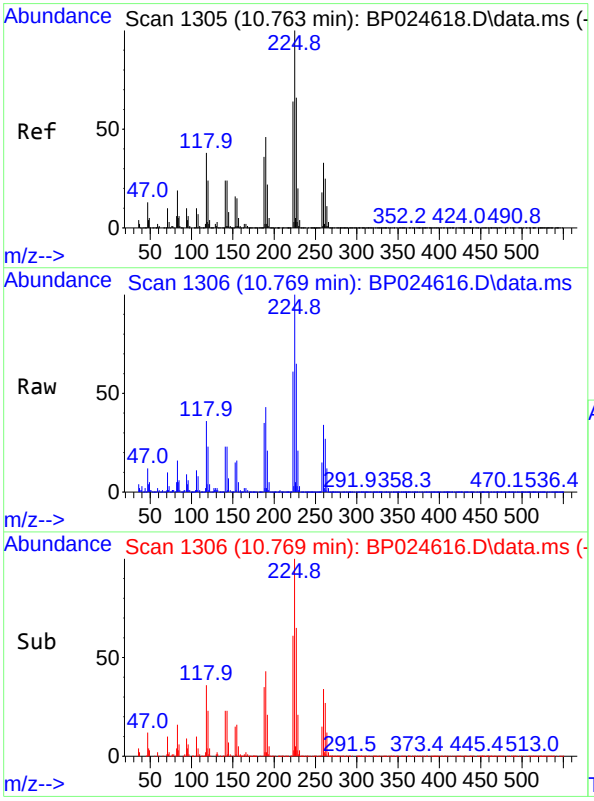
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 73990

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.5	23.9	35.9
92	19.5	16.1	24.1

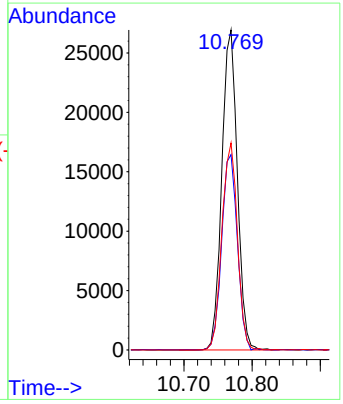


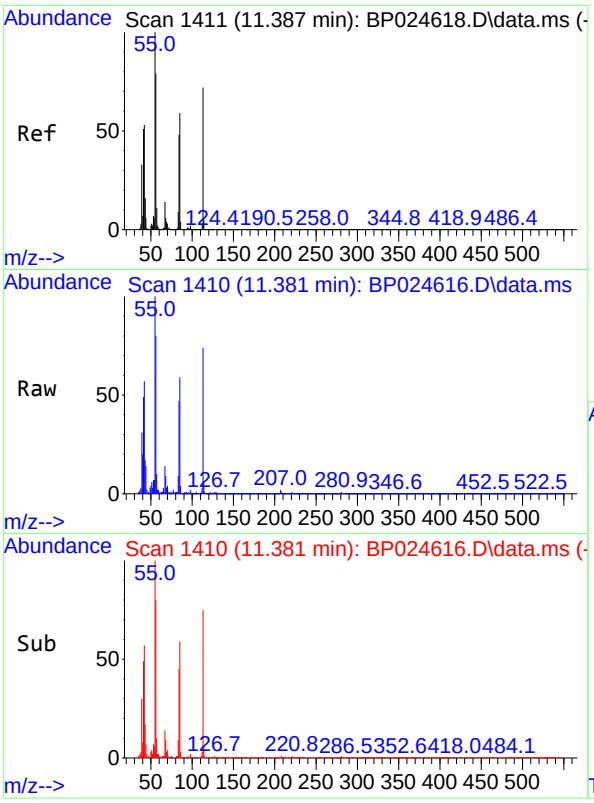


#34
Hexachlorobutadiene
Concen: 10.03 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:225 Resp: 42567

Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.6
227	64.7	53.1	79.7



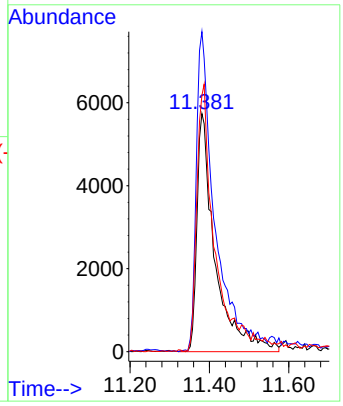


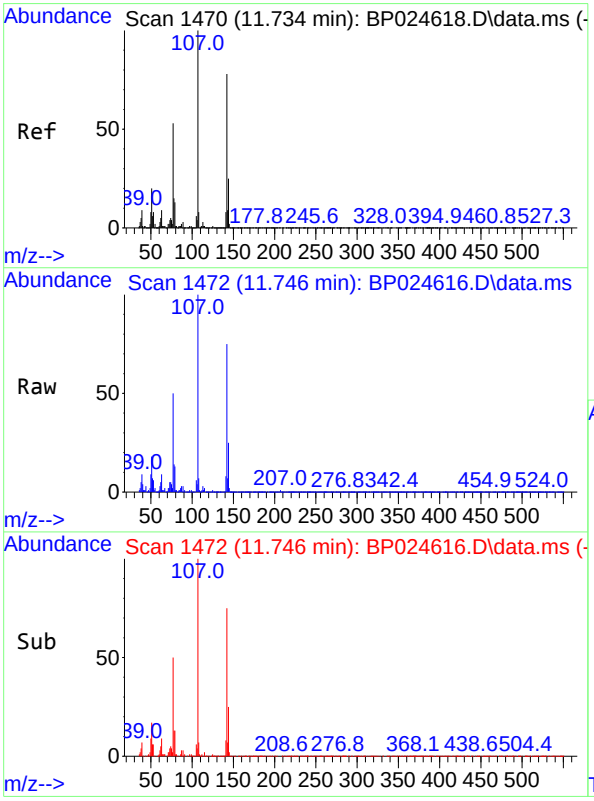
#35
Caprolactam
Concen: 8.68 ng m
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 18245

Ion	Ratio	Lower	Upper
113	100		
55	134.4	119.0	159.0
56	107.7	90.3	130.3

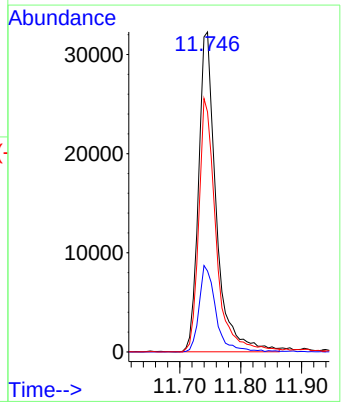


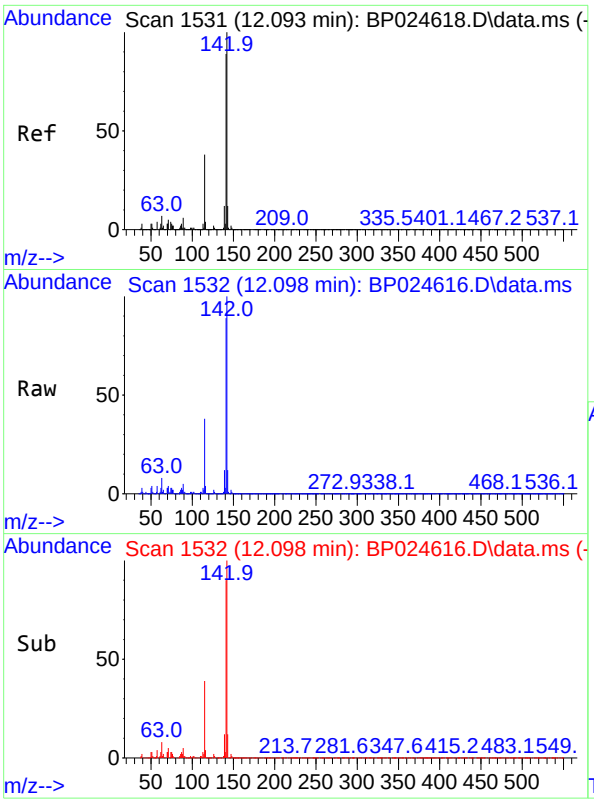


#36
4-Chloro-3-methylphenol
Concen: 9.15 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 64857

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	75.0	62.1	93.1



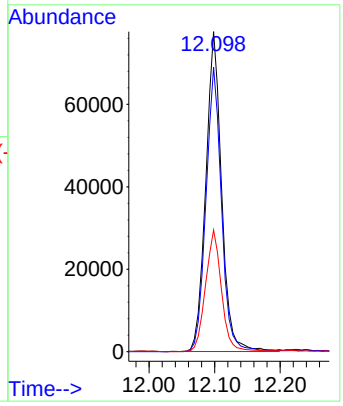


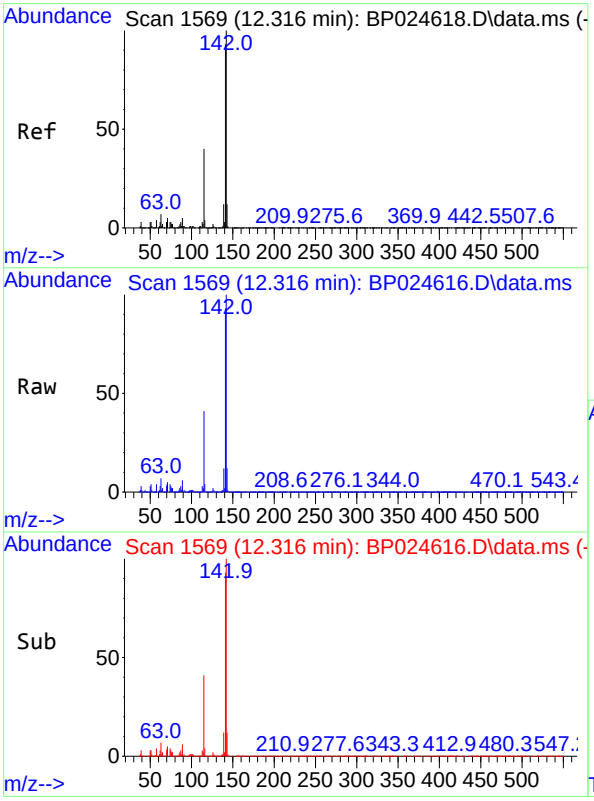
#37
2-Methylnaphthalene
Concen: 9.75 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 130412

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	38.0	30.6	46.0

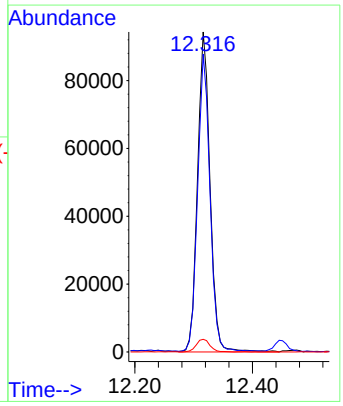


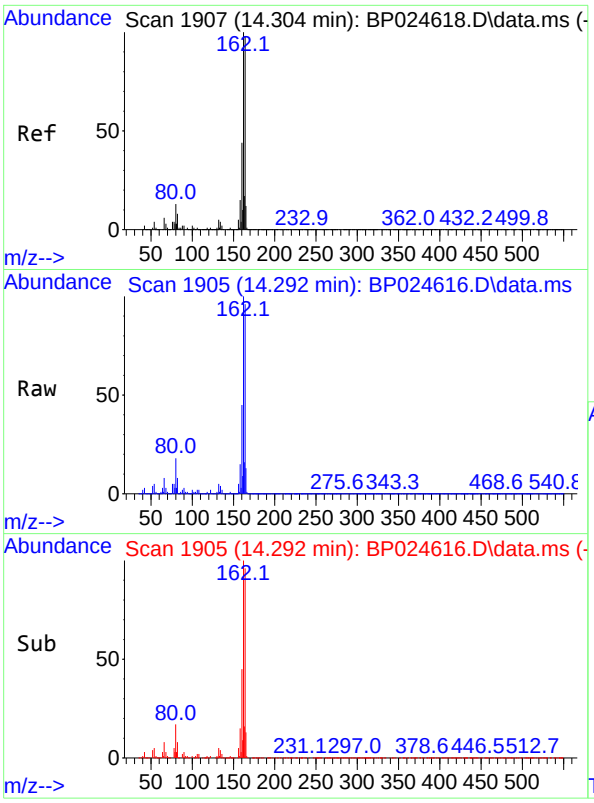


#38
1-Methylnaphthalene
Concen: 9.75 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:142 Resp: 139573

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.0	3.4	5.2



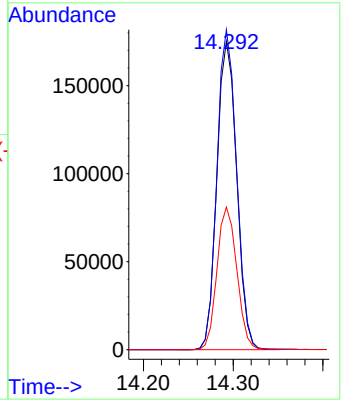


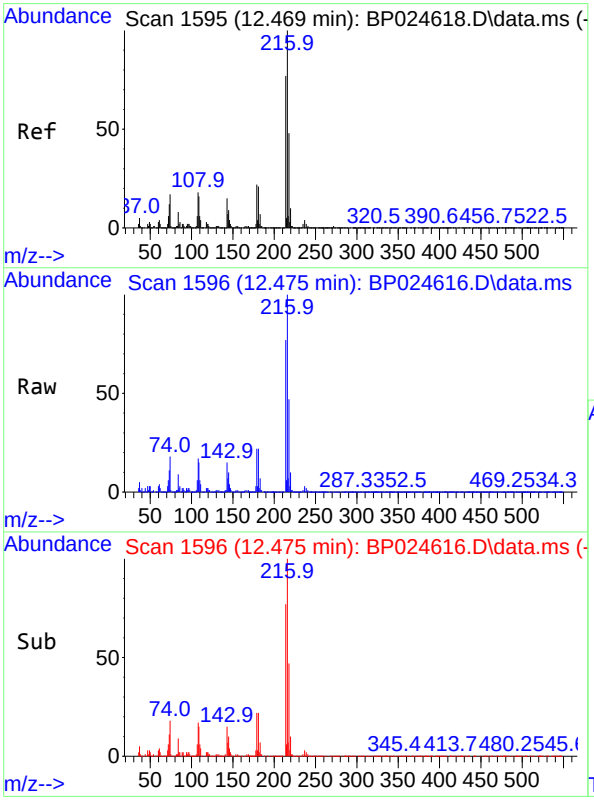
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 268335

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	46.2	36.3	54.5

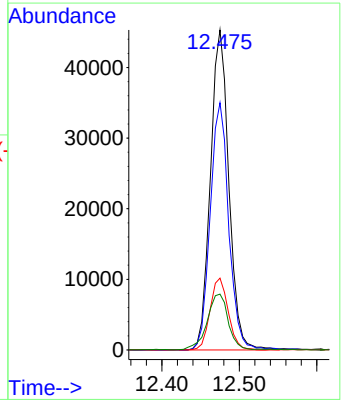


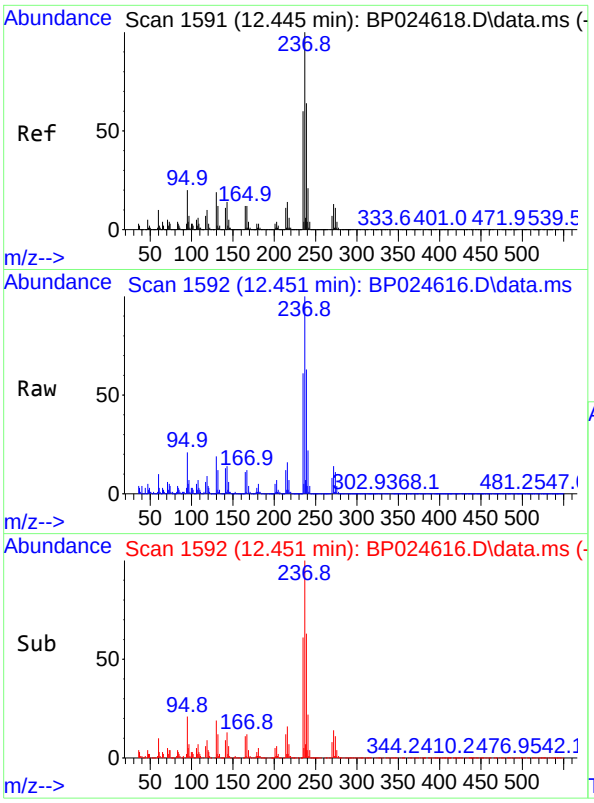


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.60 ng
RT: 12.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:216 Resp: 74824

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.2	17.7	26.5
108	20.0	16.0	24.0



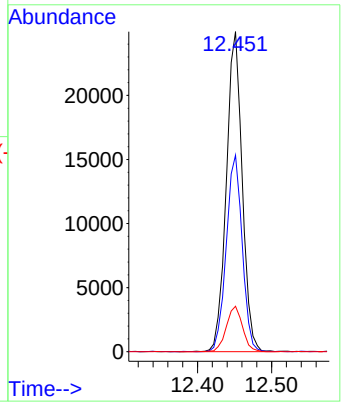


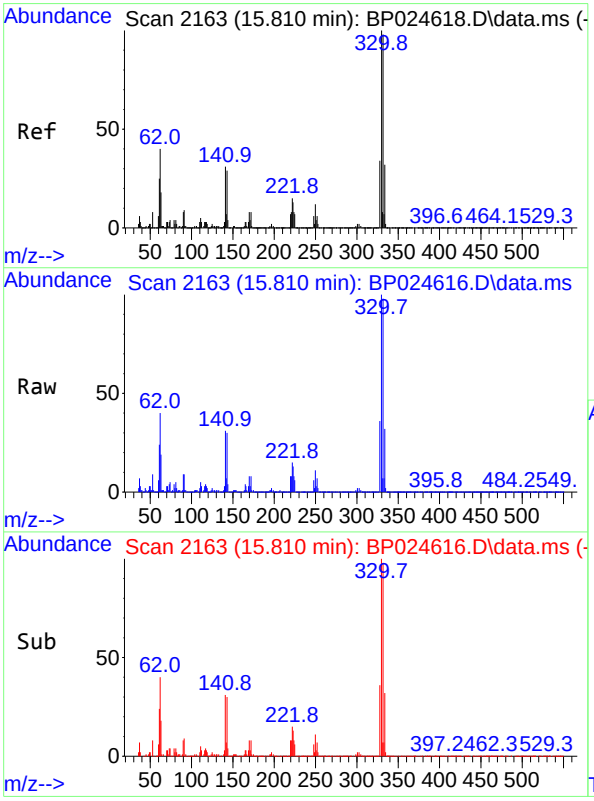
#41
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 12.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 37072

Ion	Ratio	Lower	Upper
237	100		
235	61.4	39.9	79.9
272	14.2	0.0	33.2

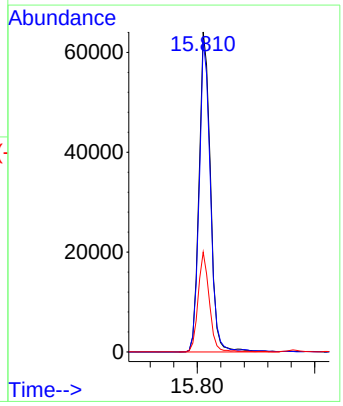


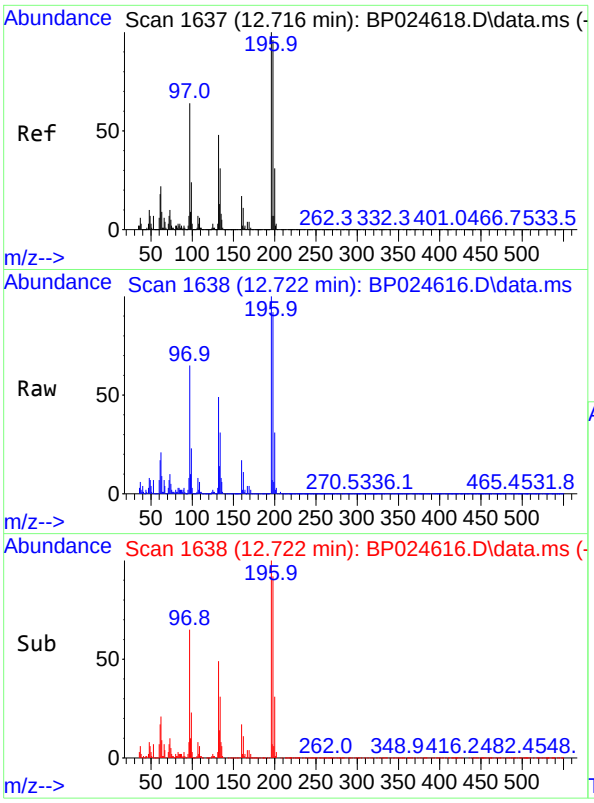


#42
2,4,6-Tribromophenol
Concen: 18.93 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:330 Resp: 86099

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.2	117.4
141	30.5	24.3	36.5



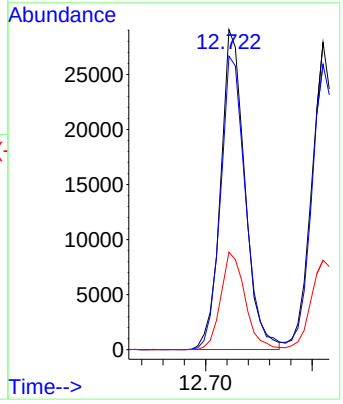


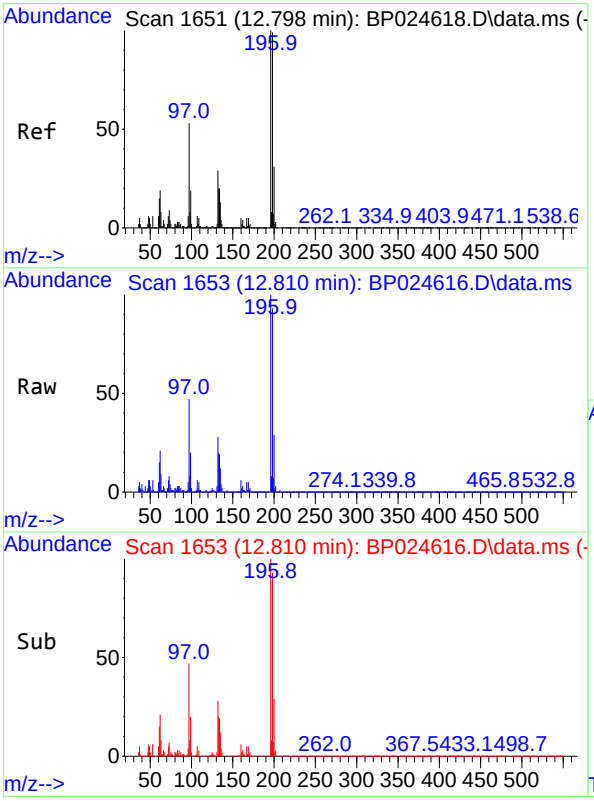
#43
2,4,6-Trichlorophenol
Concen: 9.07 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 45798

Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.9	115.3
200	30.5	25.2	37.8

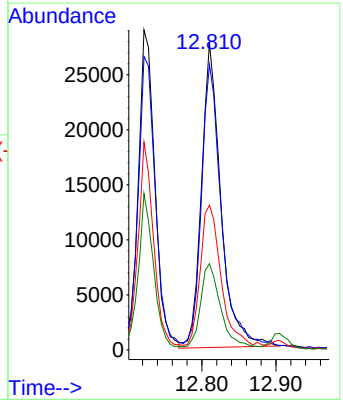


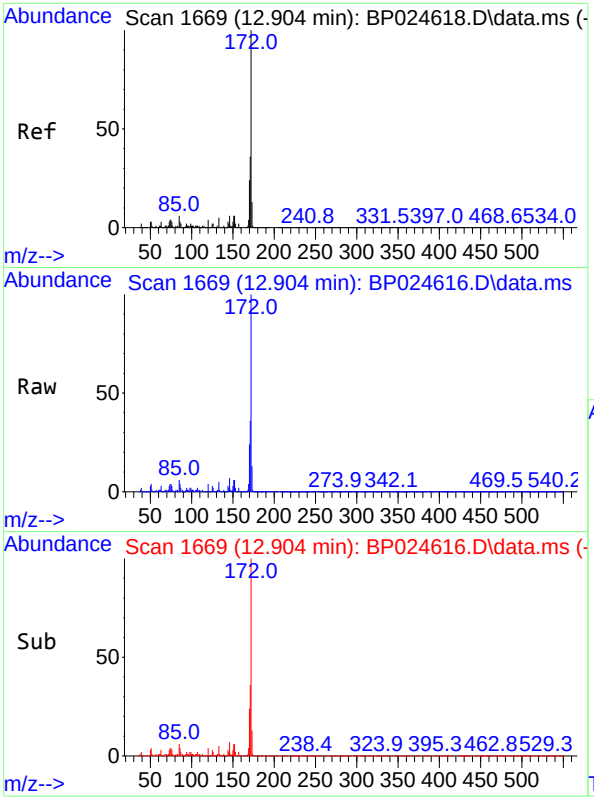


#44
2,4,5-Trichlorophenol
Concen: 8.96 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:196 Resp: 50348

Ion	Ratio	Lower	Upper
196	100		
198	92.8	79.2	118.8
97	47.0	42.3	63.5
132	28.1	23.3	34.9



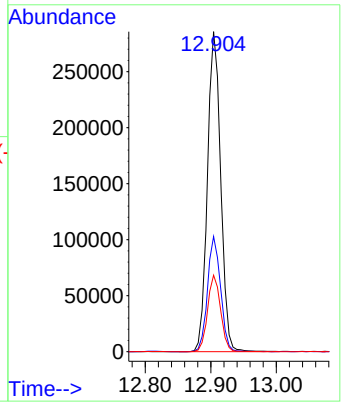


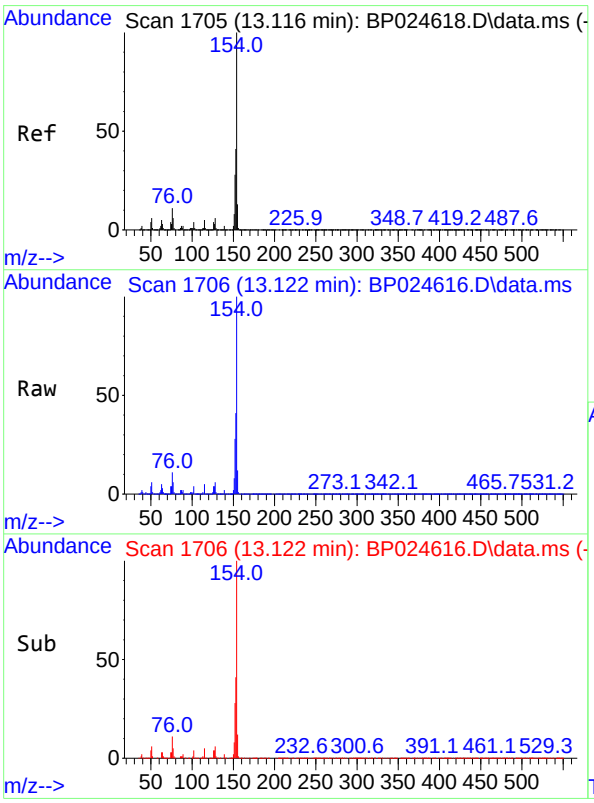
#45
2-Fluorobiphenyl
Concen: 19.63 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 401986

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.9	18.8	28.2

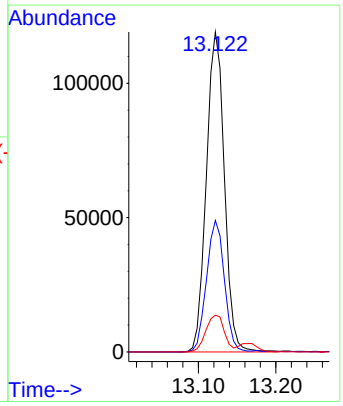


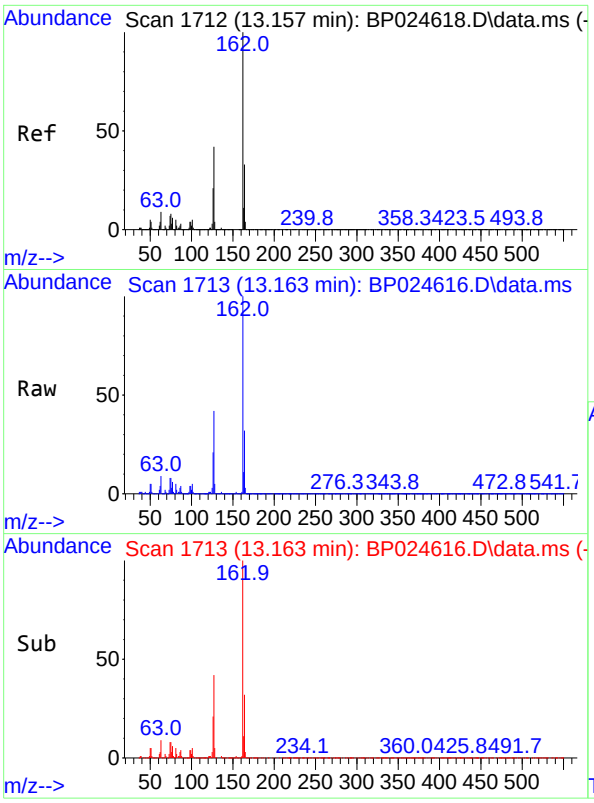


#46
1,1'-Biphenyl
Concen: 9.70 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:154 Resp: 192445

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	11.5	0.0	31.5



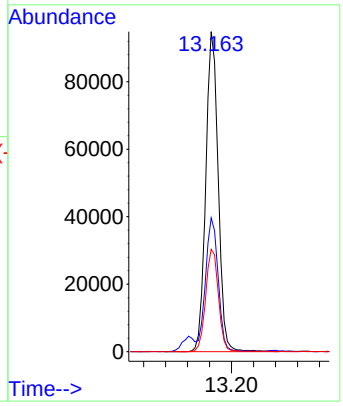


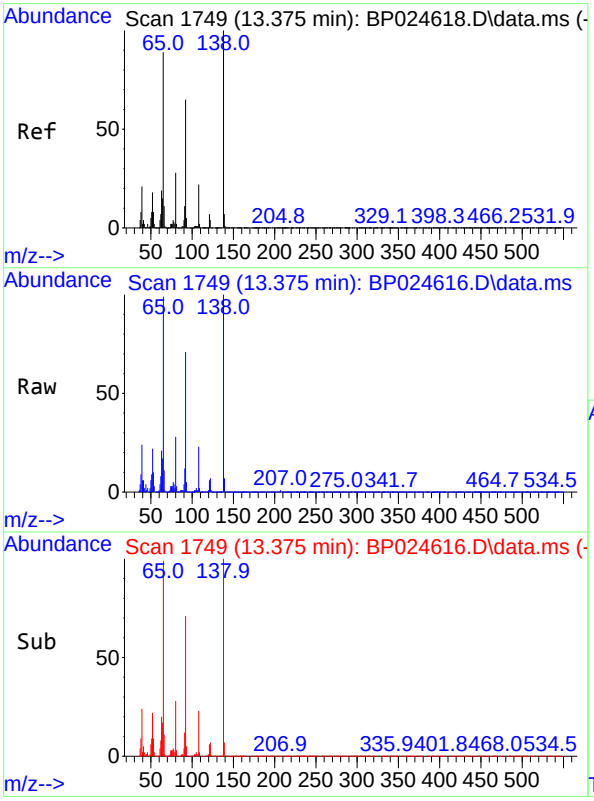
#47
2-Chloronaphthalene
Concen: 9.82 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 148443

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.8	50.6
164	32.0	26.0	39.0

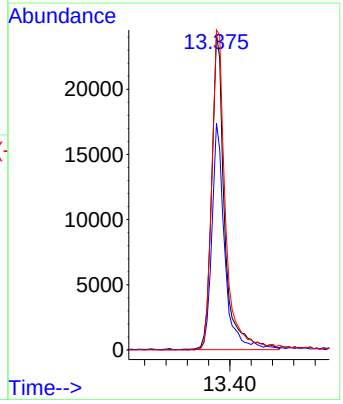


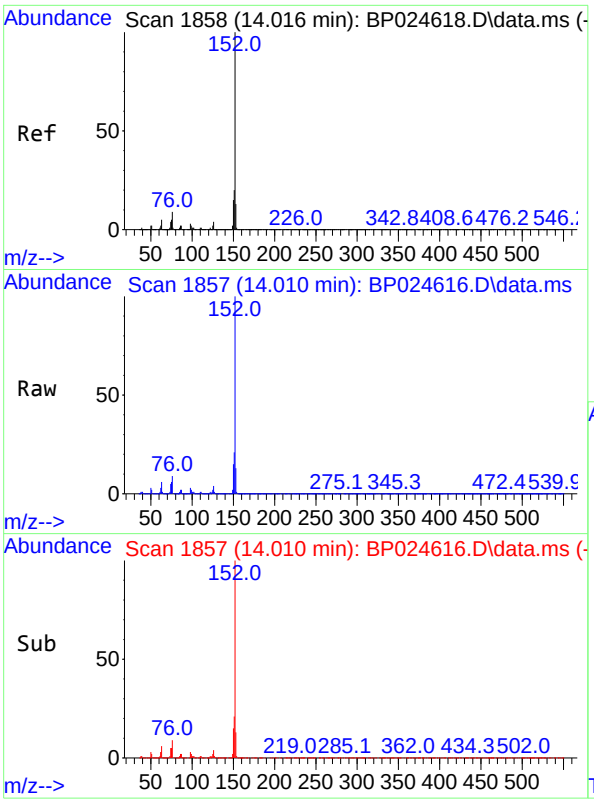


#48
2-Nitroaniline
Concen: 9.11 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 65 Resp: 40786

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	101.2	90.2	135.2



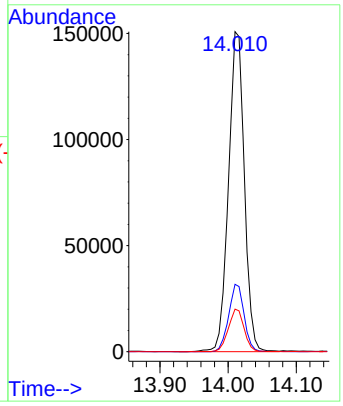


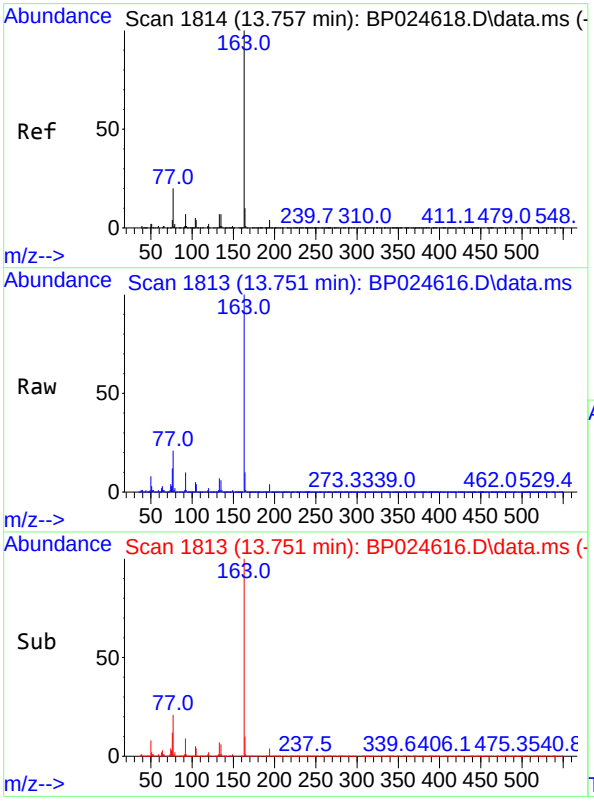
#49
Acenaphthylene
Concen: 9.64 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 243913

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	13.3	10.2	15.4

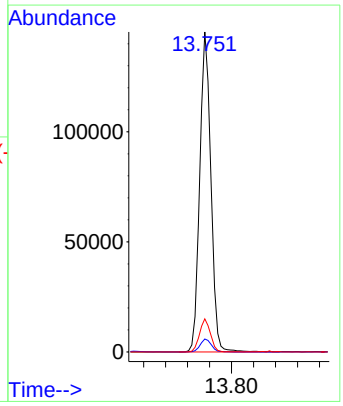


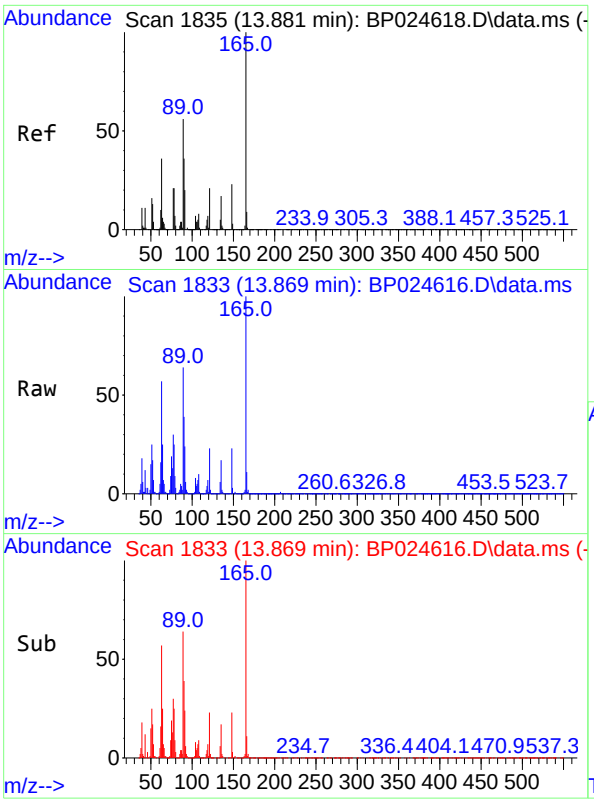


#50
Dimethylphthalate
Concen: 10.01 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:163 Resp: 204825

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.1	12.1



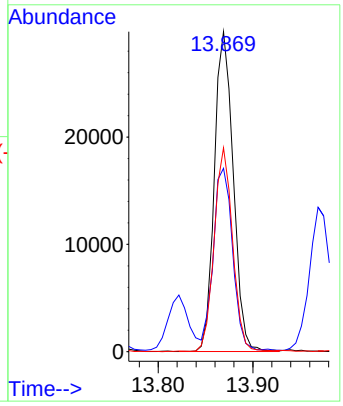


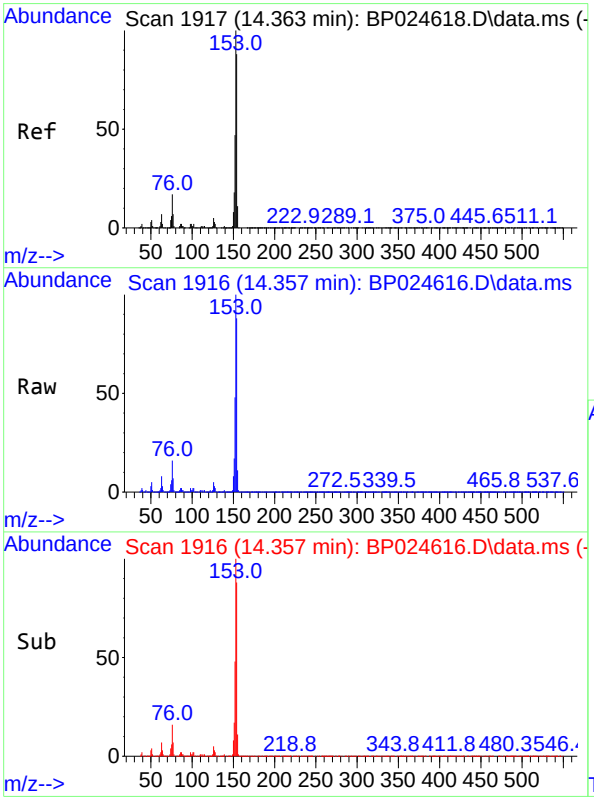
#51
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 41257

Ion	Ratio	Lower	Upper
165	100		
63	57.3	42.4	63.6
89	63.7	44.8	67.2

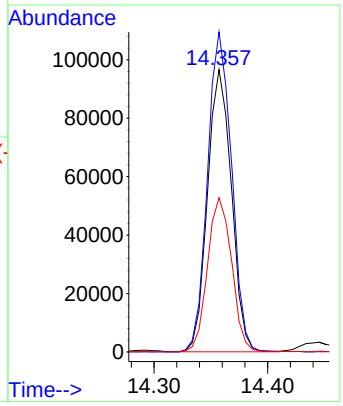


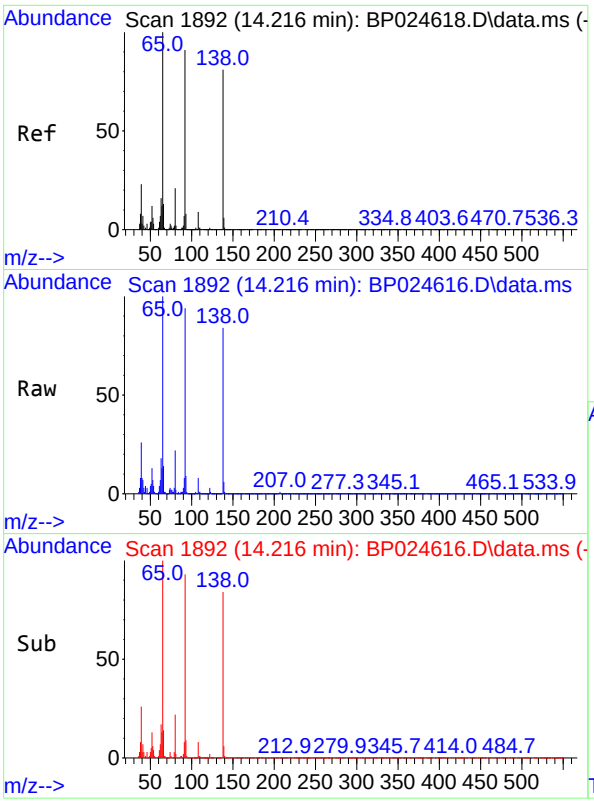


#52
Acenaphthene
Concen: 9.72 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:154 Resp: 141360

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.0	136.4
152	54.6	42.9	64.3



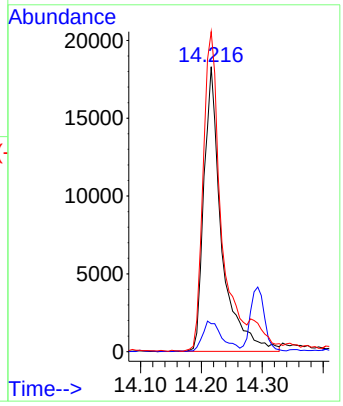


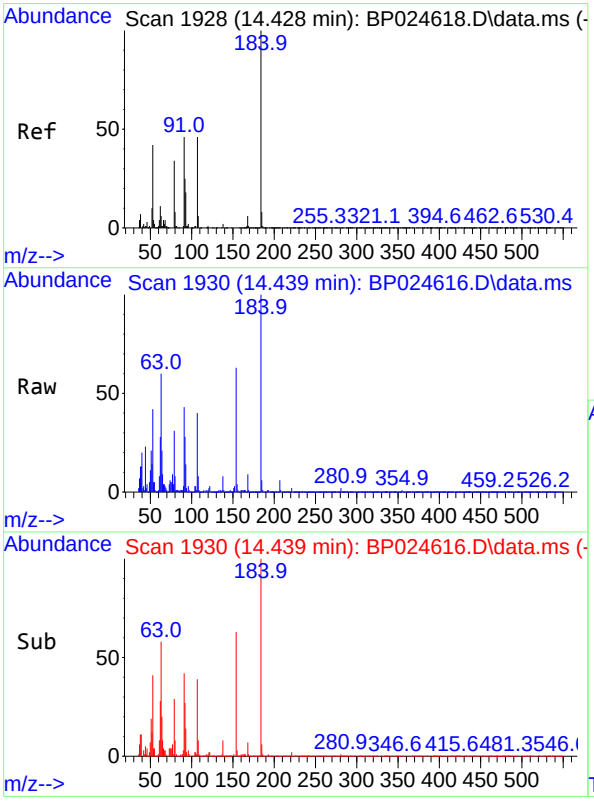
#53
3-Nitroaniline
Concen: 8.37 ng
RT: 14.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 36906

Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.0	13.4
92	112.3	90.1	135.1

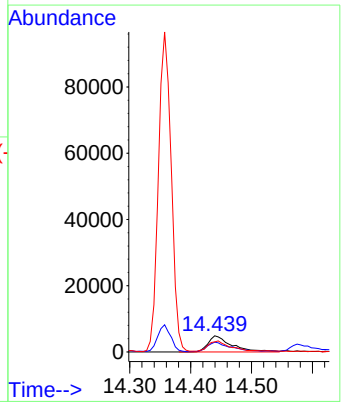


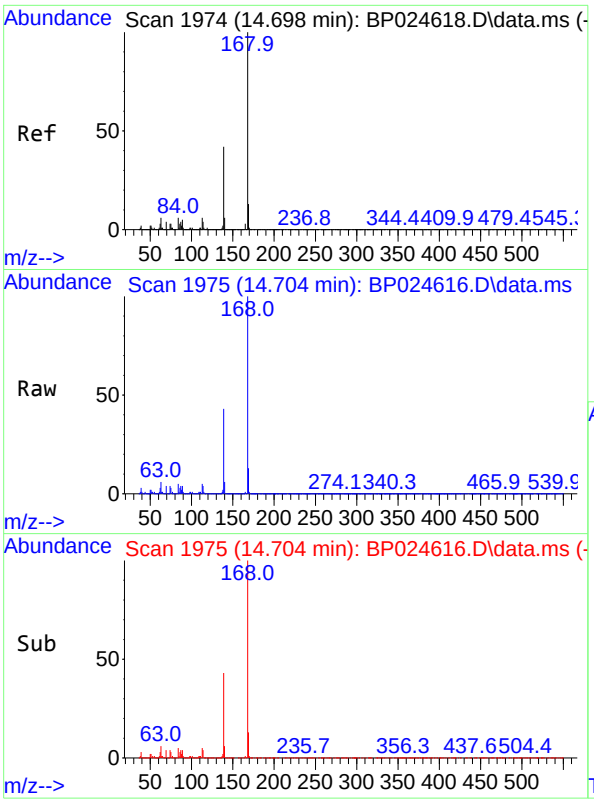


#54
2,4-Dinitrophenol
Concen: 10.84 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.011 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:184 Resp: 13128

Ion	Ratio	Lower	Upper
184	100		
63	60.3	51.3	76.9
154	62.9	53.5	80.3



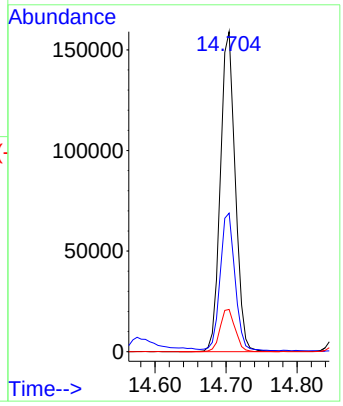


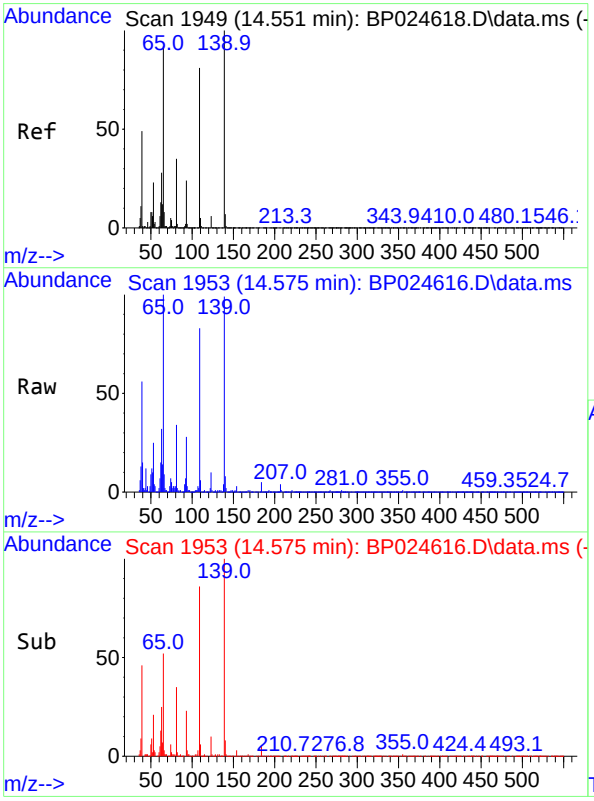
#55
Dibenzofuran
Concen: 9.92 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 230286

Ion	Ratio	Lower	Upper
168	100		
139	43.3	34.2	51.4
169	13.2	10.8	16.2

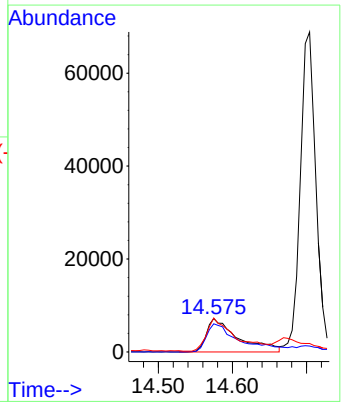


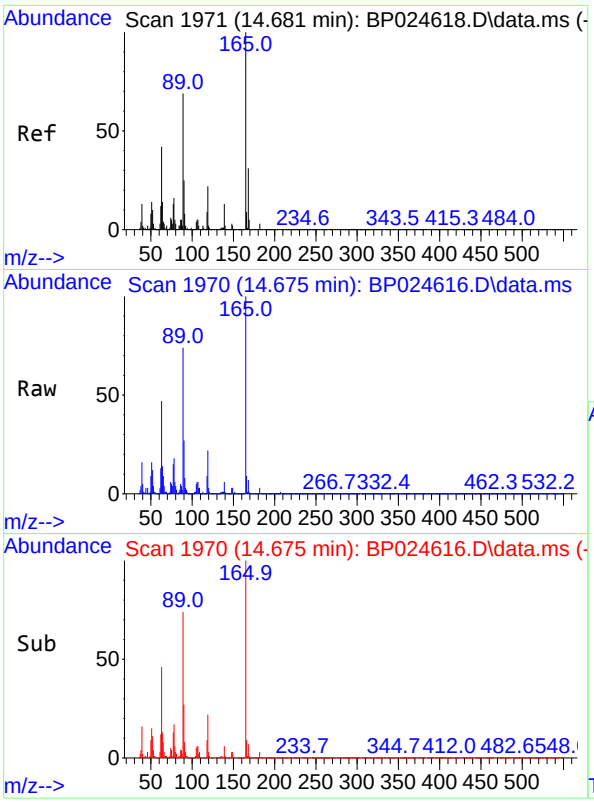


#56
4-Nitrophenol
Concen: 9.53 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 21349

Ion	Ratio	Lower	Upper
139	100		
109	84.4	61.4	101.4
65	101.4	72.2	112.2



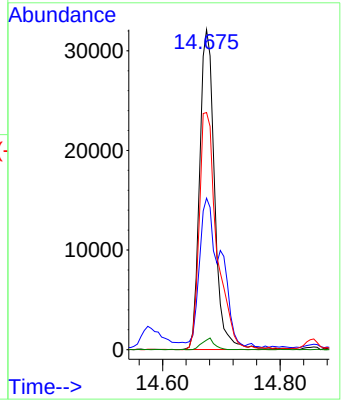


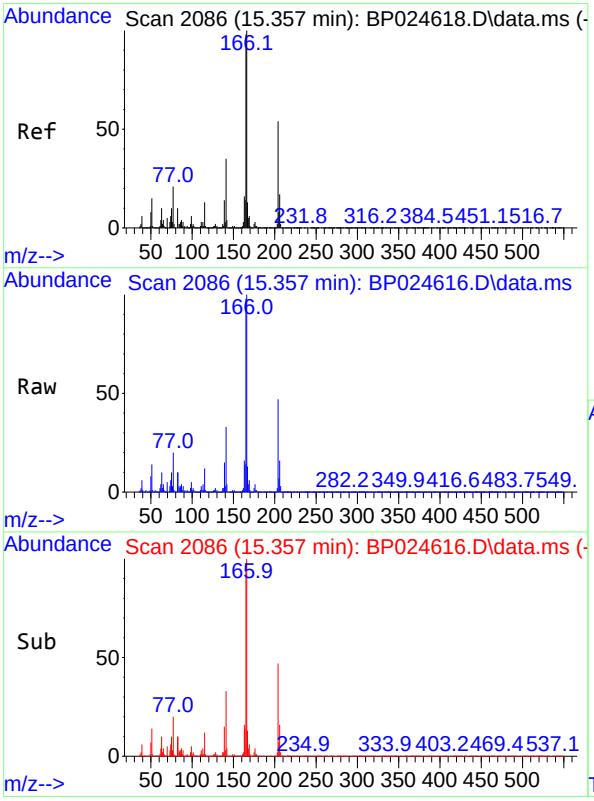
#57
2,4-Dinitrotoluene
Concen: 9.30 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 56617

Ion	Ratio	Lower	Upper
165	100		
63	47.4	33.8	50.6
89	74.1	55.6	83.4
182	3.0	2.4	3.6

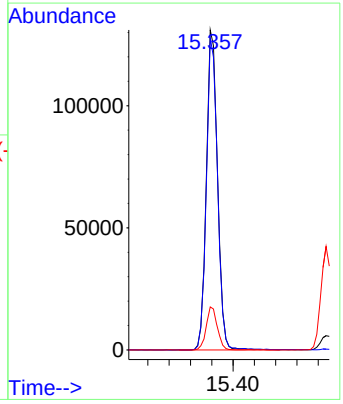


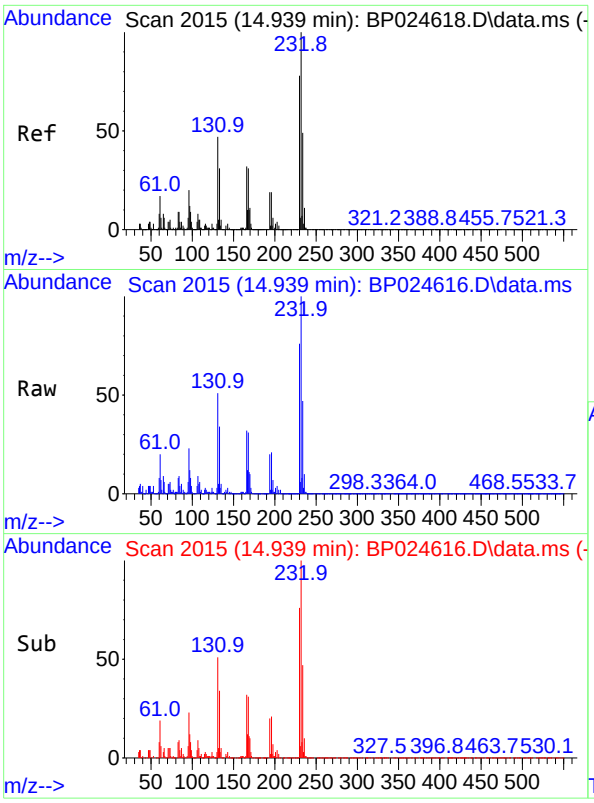


#58
Fluorene
Concen: 10.03 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:166 Resp: 189781

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	13.5	10.7	16.1



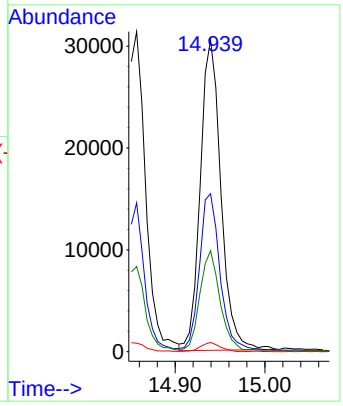


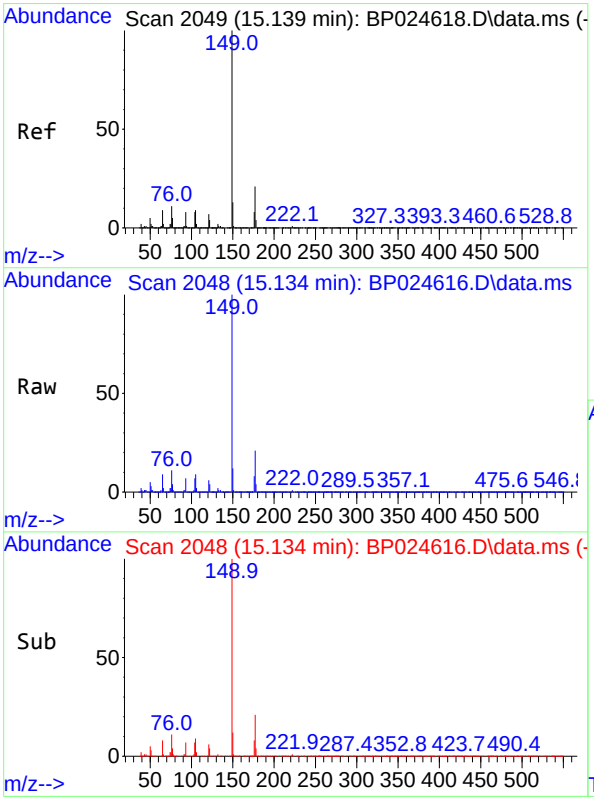
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.37 ng
RT: 14.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 48821

Ion	Ratio	Lower	Upper
232	100		
131	50.6	39.5	59.3
130	2.8	2.2	3.4
166	32.1	25.7	38.5

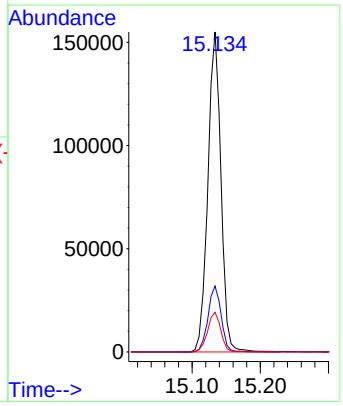


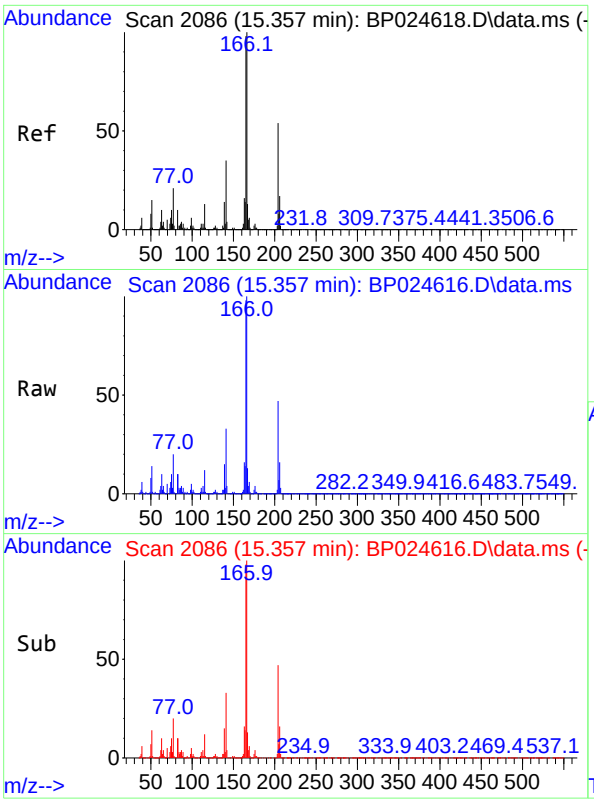


#60
Diethylphthalate
Concen: 10.01 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 206886

Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.4	10.2	15.2



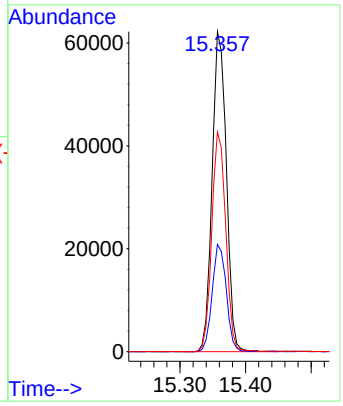


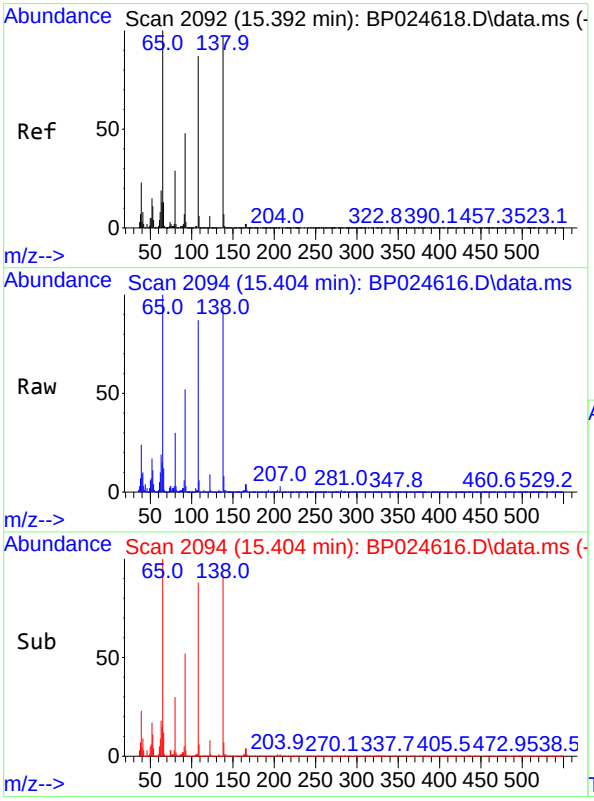
#61
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 93517

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	68.7	52.9	79.3

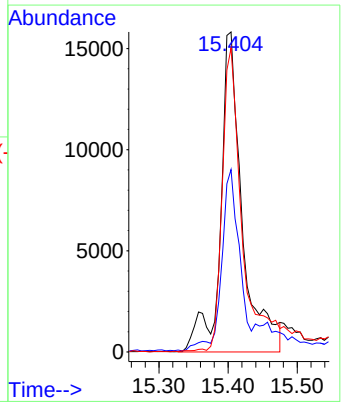


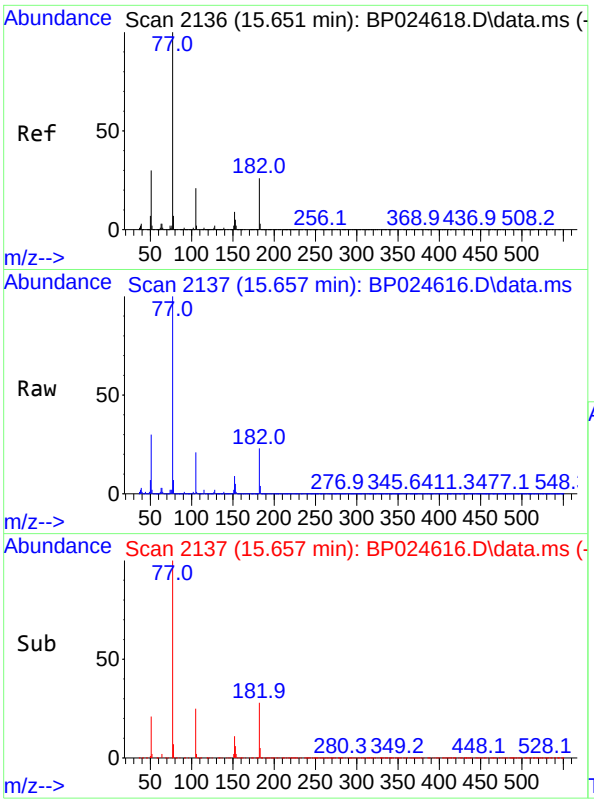


#62
4-Nitroaniline
Concen: 8.11 ng m
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:138 Resp: 34813

Ion	Ratio	Lower	Upper
138	100		
92	57.0	29.2	69.2
108	95.0	69.0	109.0



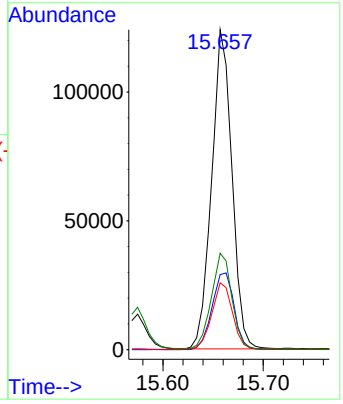


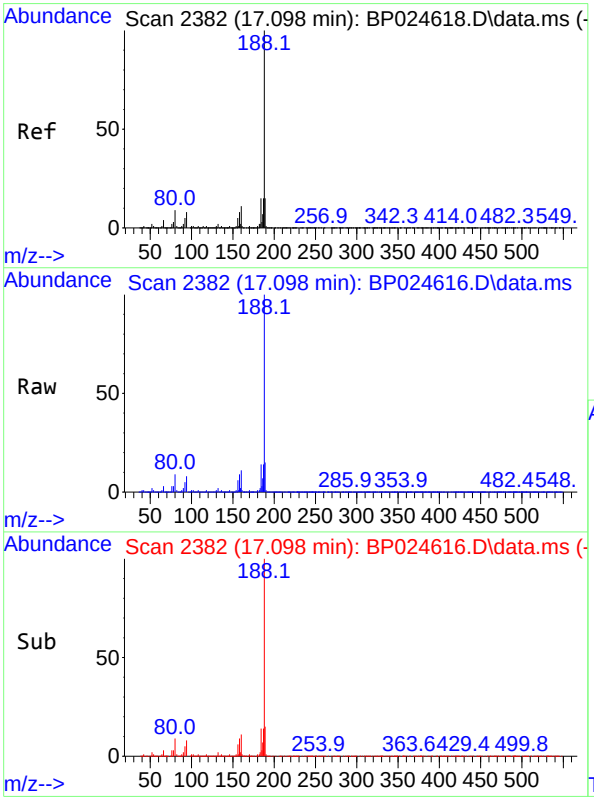
#63
Azobenzene
Concen: 9.86 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 174322

Ion	Ratio	Lower	Upper
77	100		
182	23.5	5.7	45.7
105	20.9	1.3	41.3
51	30.1	10.6	50.6

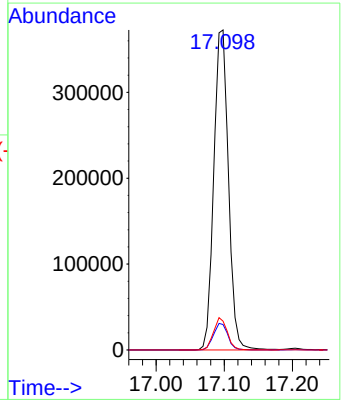


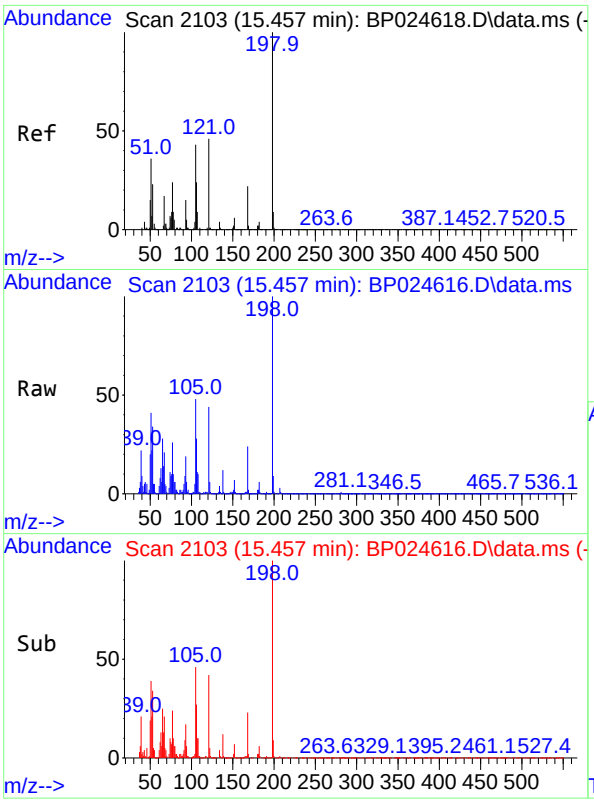


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:188 Resp: 556673

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.0	7.3	10.9



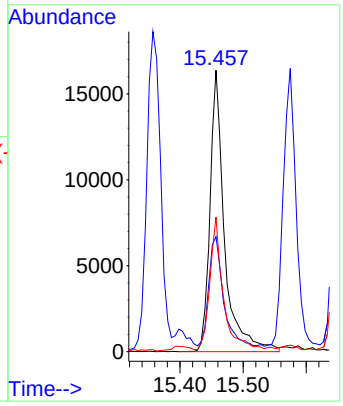


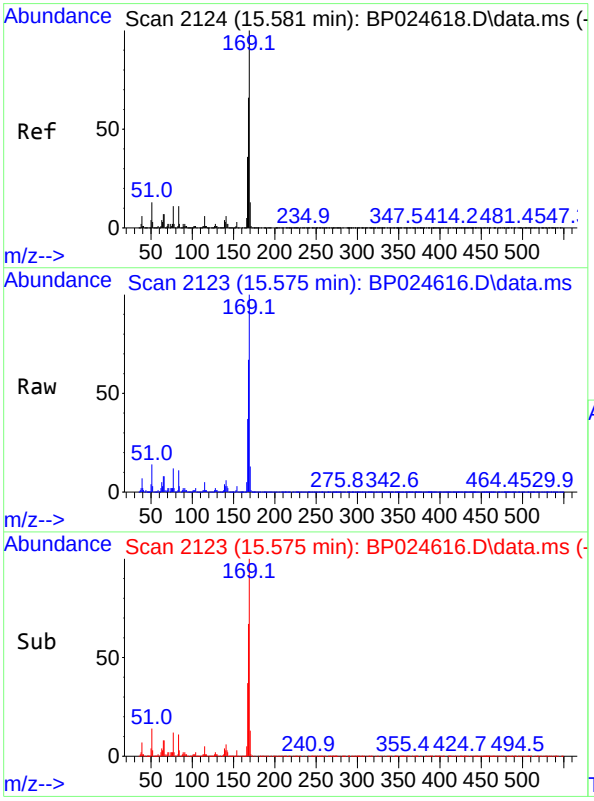
#65
4,6-Dinitro-2-methylphenol
Concen: 7.28 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 26174

Ion	Ratio	Lower	Upper
198	100		
51	40.9	21.1	61.1
105	47.8	23.6	63.6

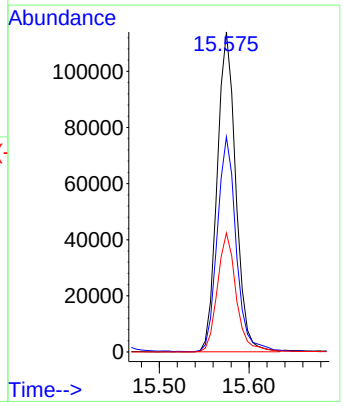


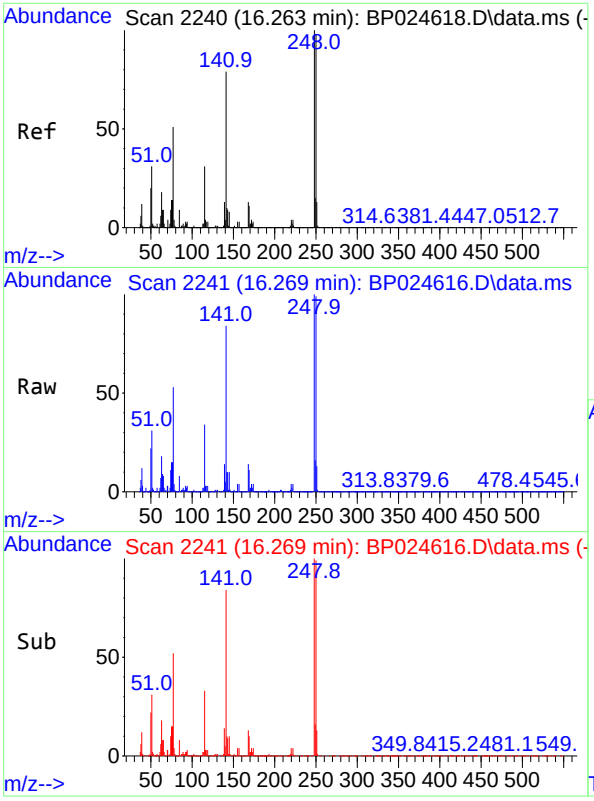


#66
n-Nitrosodiphenylamine
Concen: 9.59 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:169 Resp: 164008

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	37.2	28.6	43.0



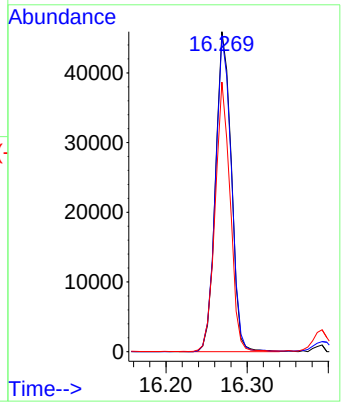


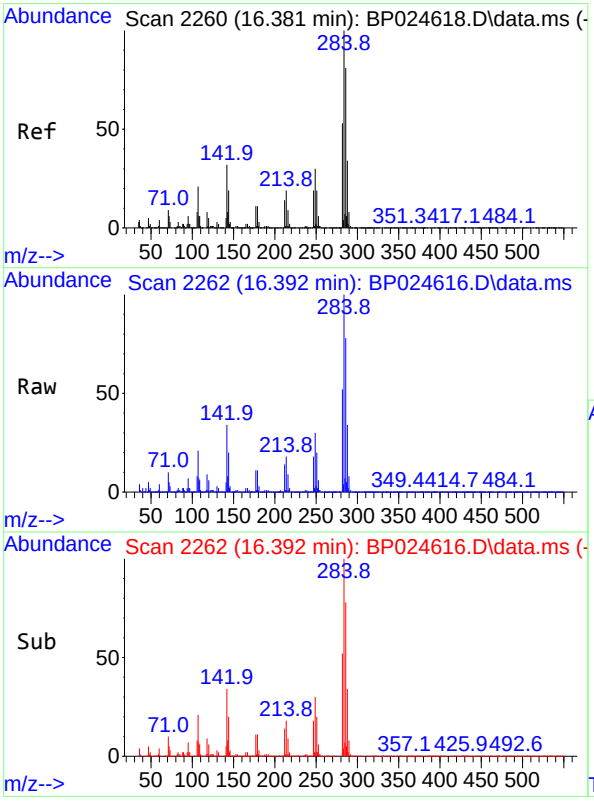
#67
4-Bromophenyl-phenylether
Concen: 9.45 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 62011

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.2	117.4
141	84.3	63.0	94.6

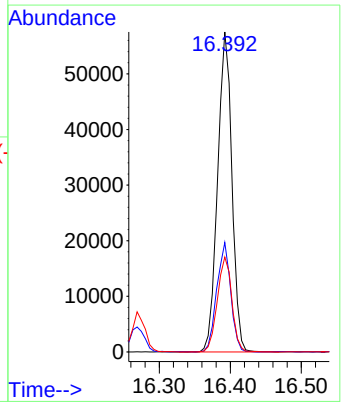


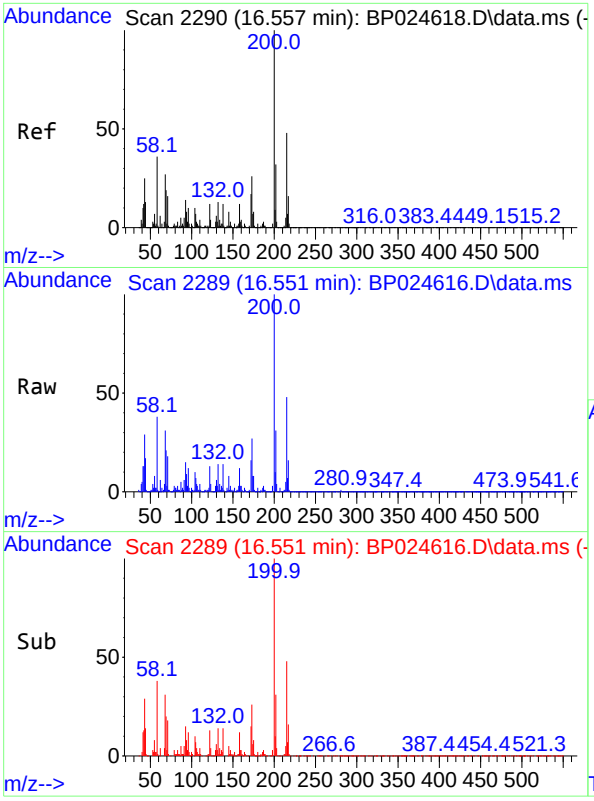


#68
Hexachlorobenzene
Concen: 9.61 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:284 Resp: 80088

Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.9	38.9
249	29.6	24.1	36.1



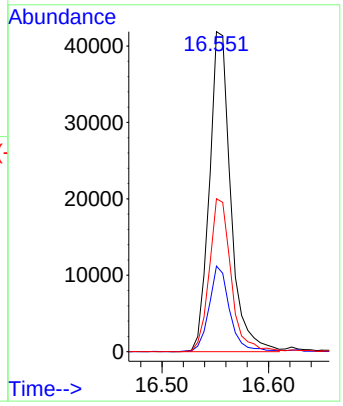


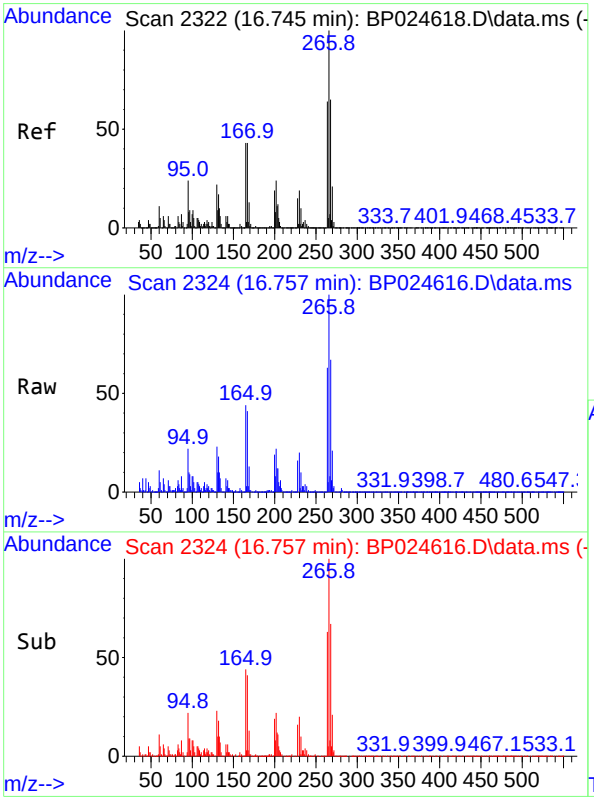
#69
Atrazine
Concen: 9.30 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 58245

Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.9	45.9
215	47.8	28.3	68.3

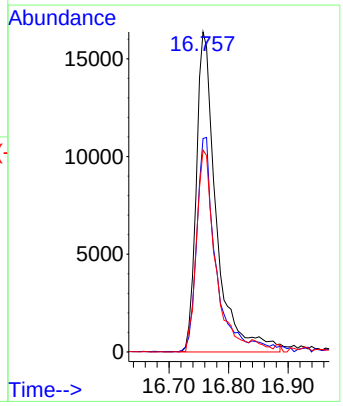


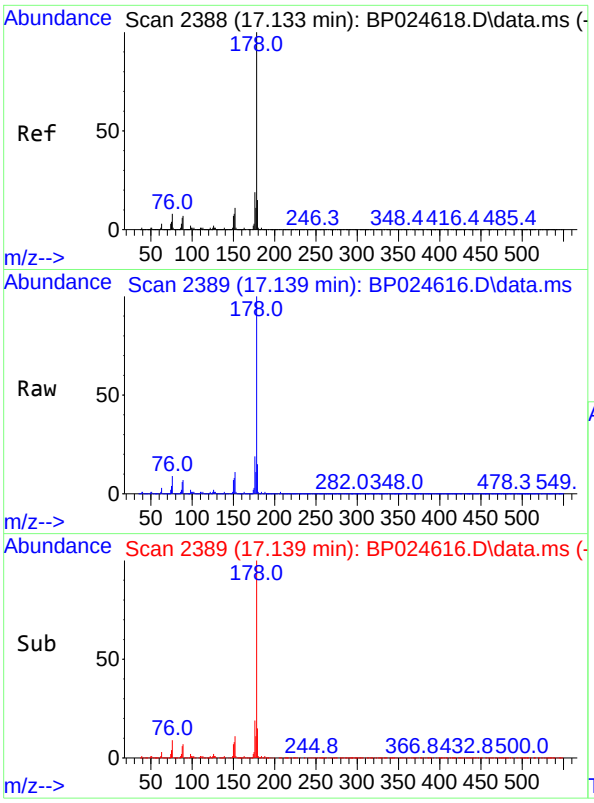


#70
Pentachlorophenol
Concen: 8.14 ng m
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:266 Resp: 38095

Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.2	78.4
264	63.1	51.1	76.7



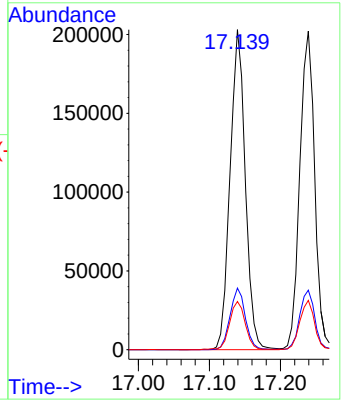


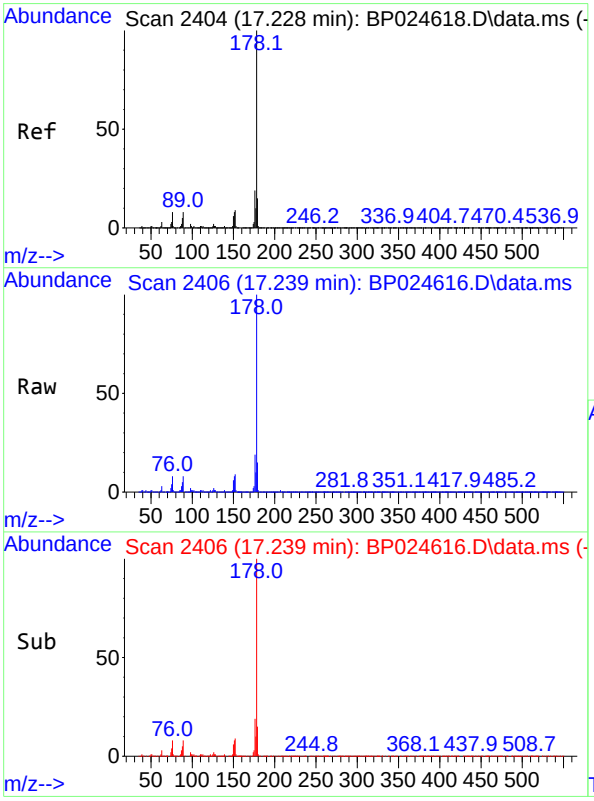
#71
Phenanthrene
Concen: 9.75 ng
RT: 17.139 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 301863

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.2	18.4

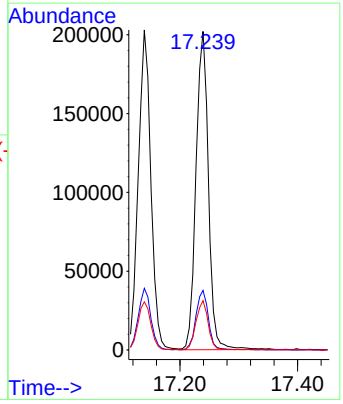


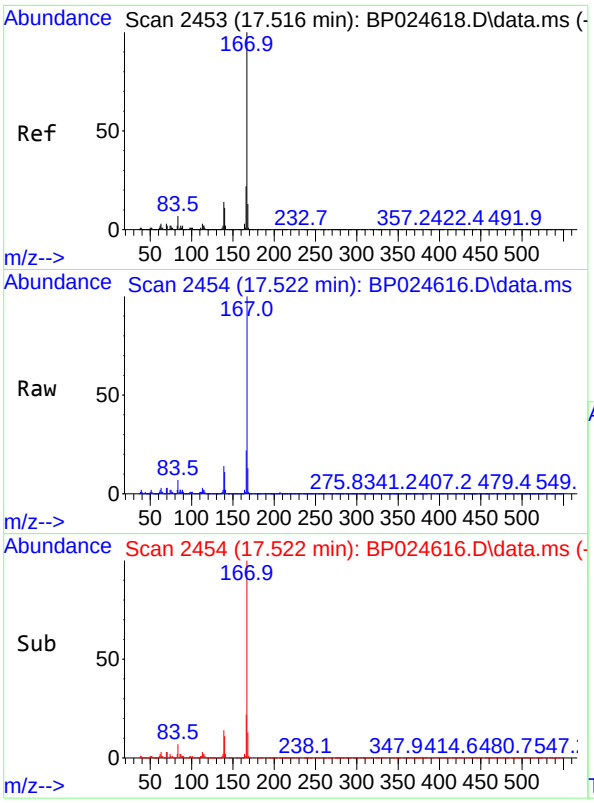


#72
Anthracene
Concen: 9.51 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:178 Resp: 296146

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.2	18.2



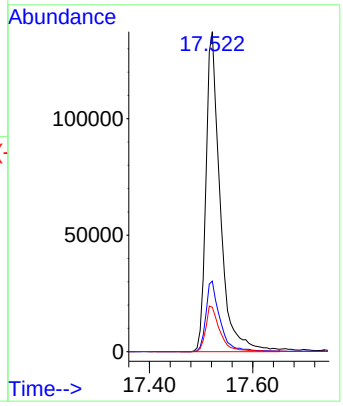


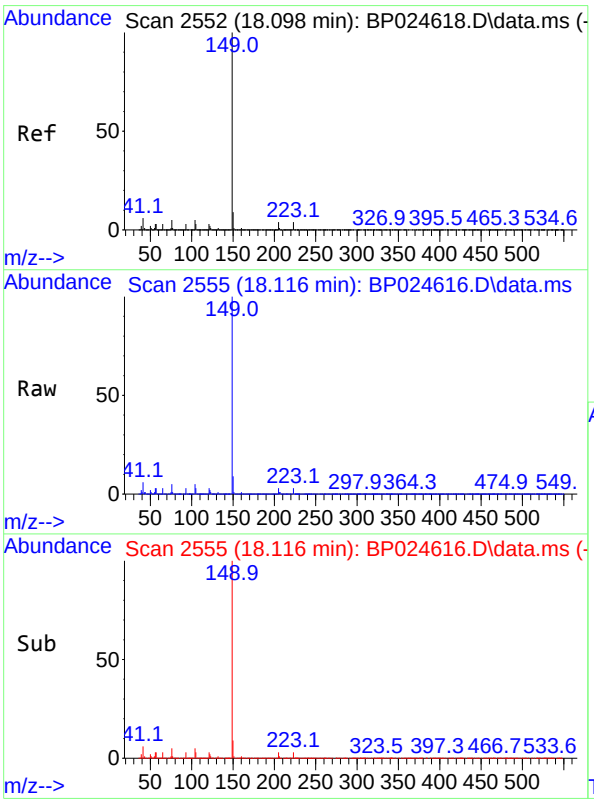
#73
Carbazole
Concen: 9.32 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 262687

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.9	11.3	16.9

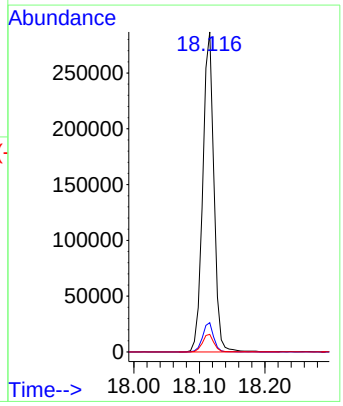


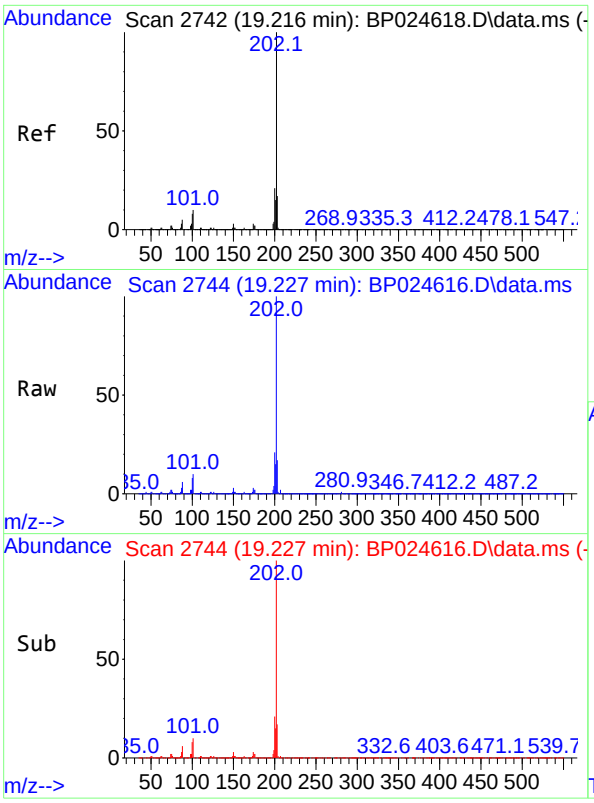


#74
Di-n-butylphthalate
Concen: 9.35 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 338893

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.5	4.3	6.5



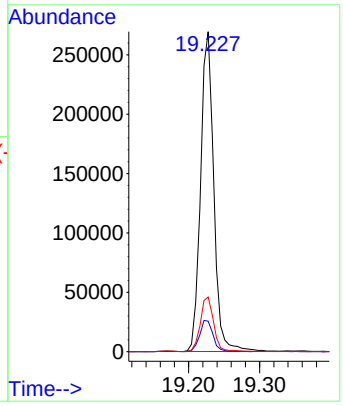


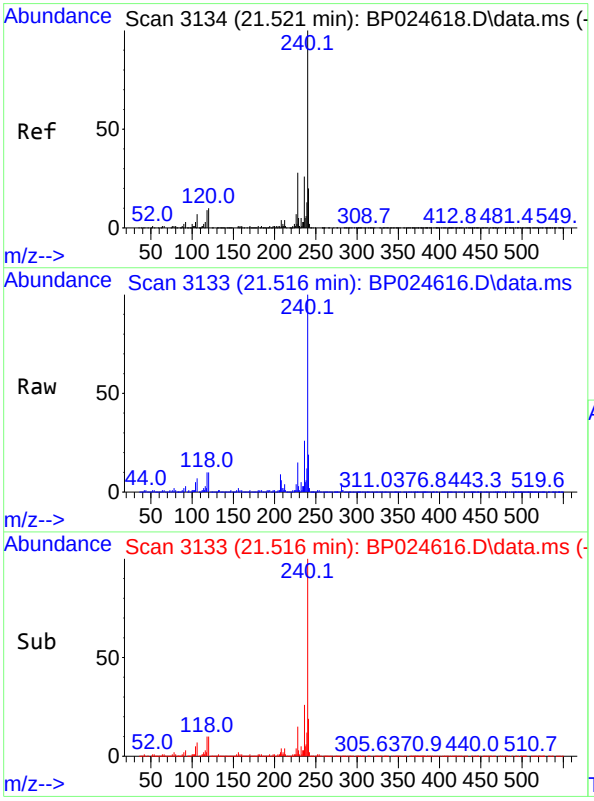
#75
Fluoranthene
Concen: 9.65 ng
RT: 19.227 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 349083

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
203	17.1	0.0	37.5

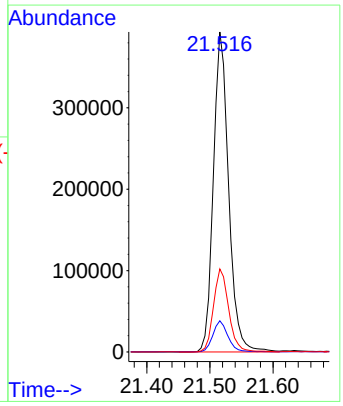


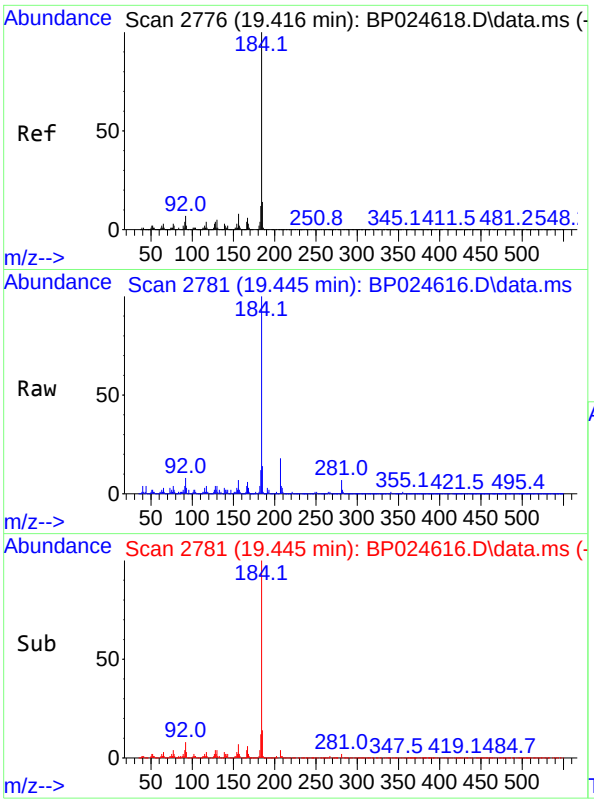


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:240 Resp: 659092

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	25.9	20.6	31.0



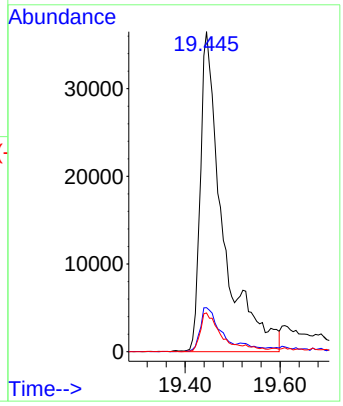


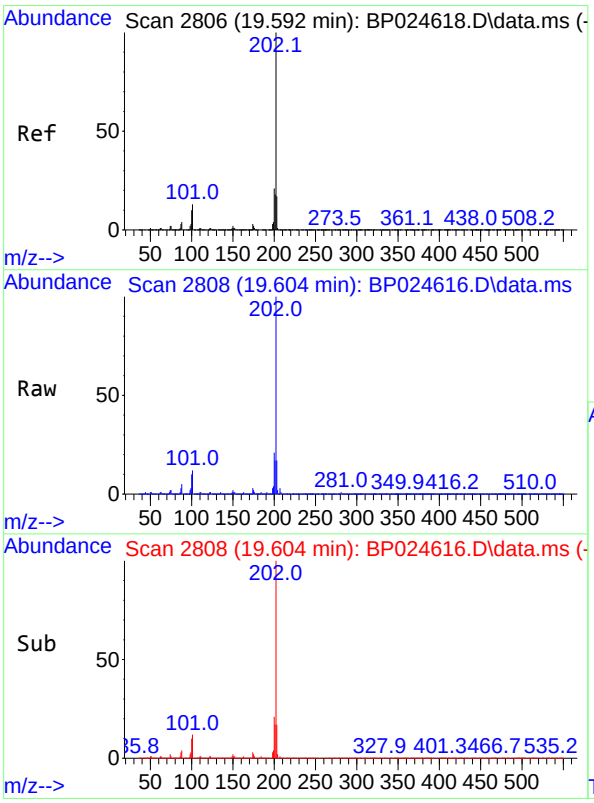
#77
Benzidine
Concen: 6.59 ng m
RT: 19.445 min Scan# 2
Delta R.T. 0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 119229

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.2	16.8
183	12.1	9.8	14.8

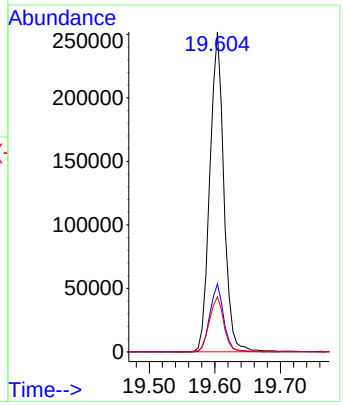


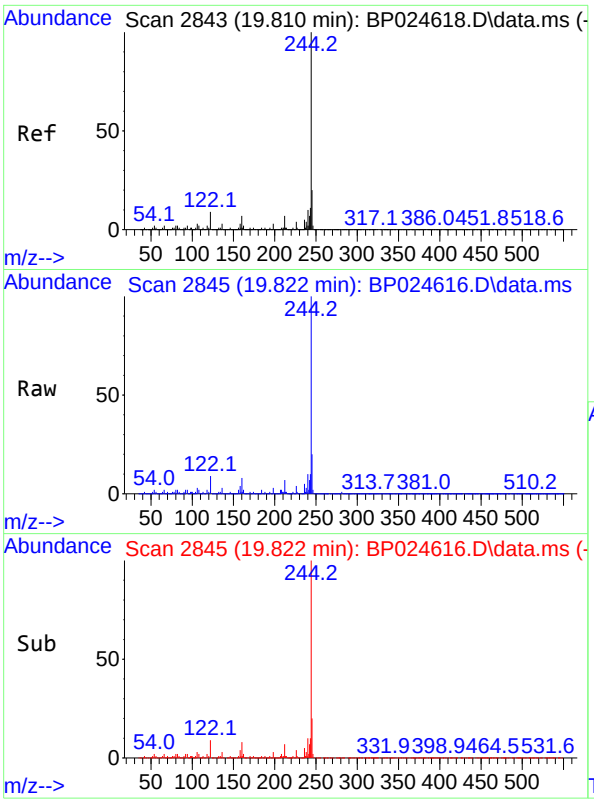


#78
Pyrene
Concen: 9.48 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:202 Resp: 374573

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.2	13.9	20.9



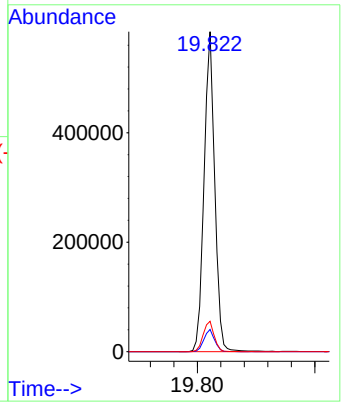


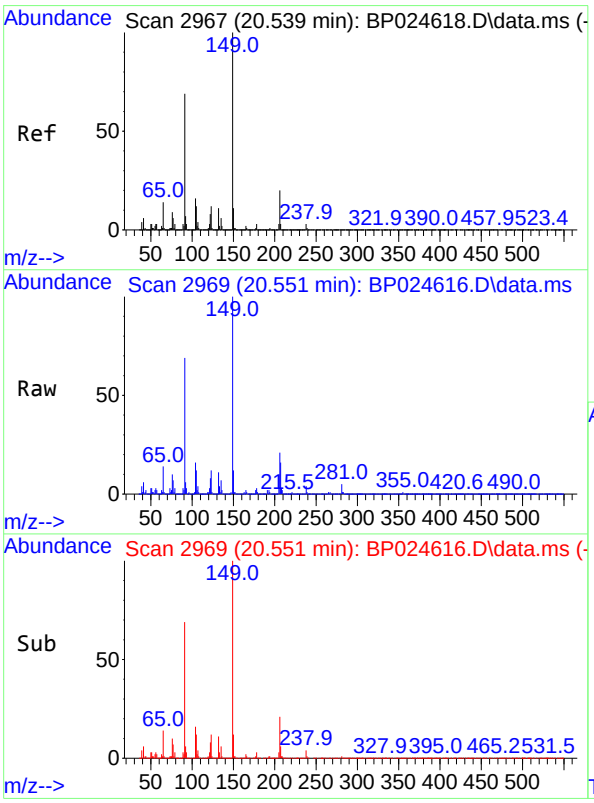
#79
Terphenyl-d14
Concen: 19.09 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 733687

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.5	7.4	11.0

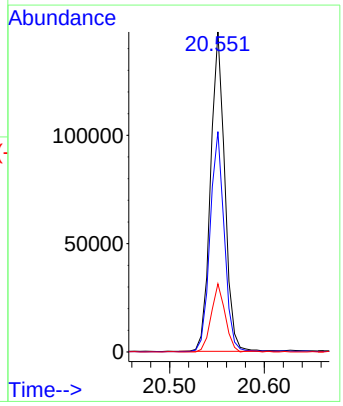


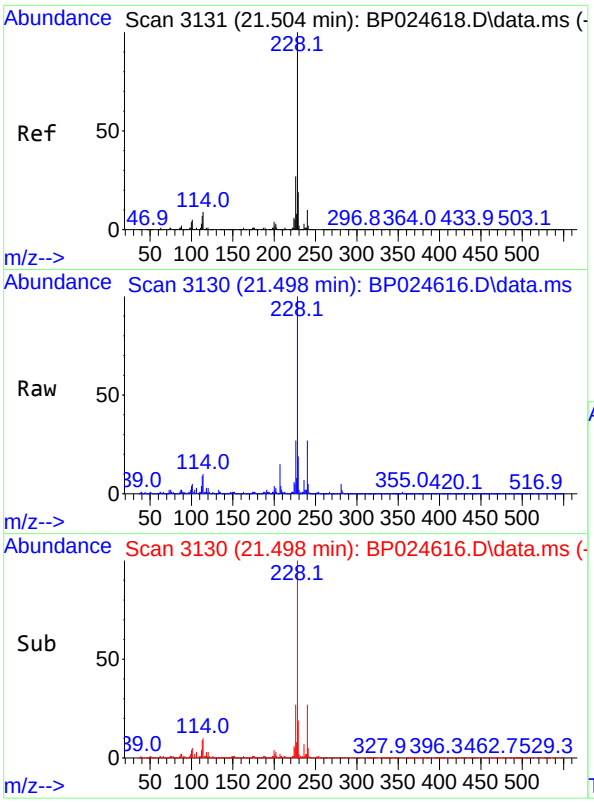


#80
Butylbenzylphthalate
Concen: 8.73 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 153275

Ion	Ratio	Lower	Upper
149	100		
91	68.8	55.4	83.0
206	21.3	16.2	24.2



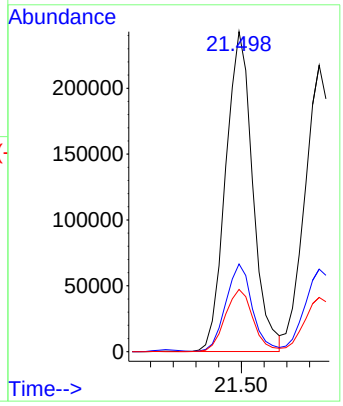


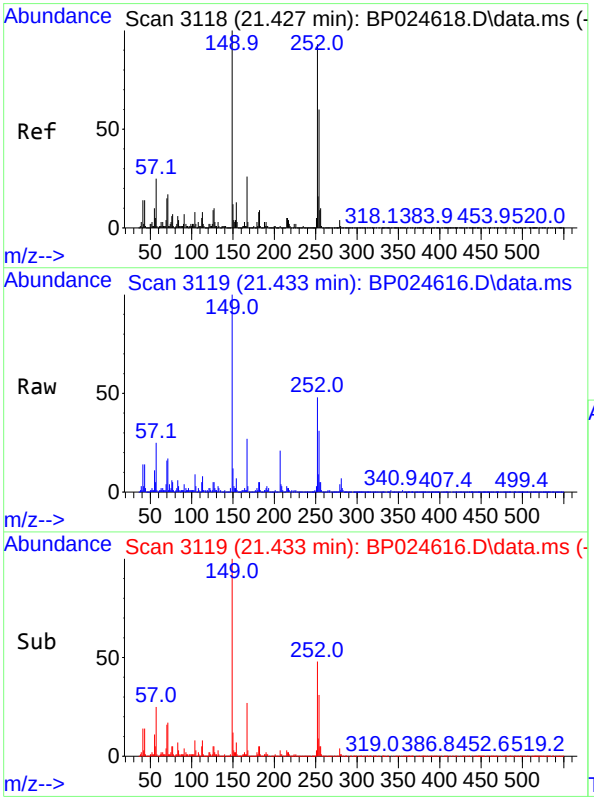
#81
Benzo(a)anthracene
Concen: 9.70 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 401322

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.0
229	19.5	15.5	23.3

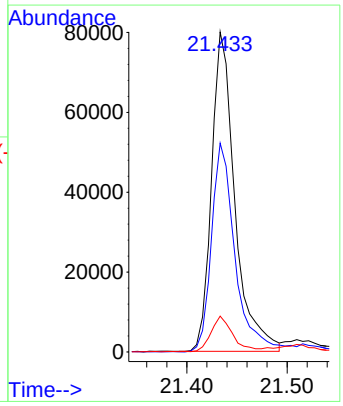


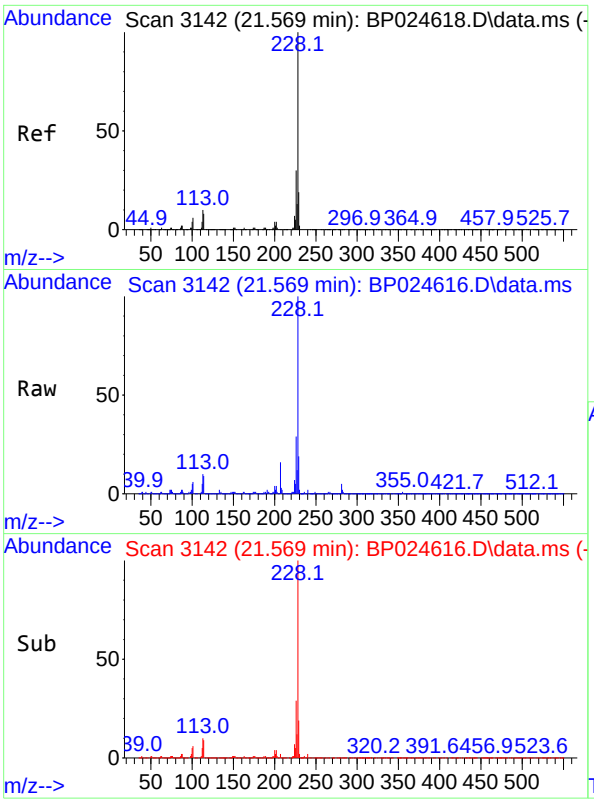


#82
3,3'-Dichlorobenzidine
Concen: 8.41 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 129324

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.8	77.6
126	11.2	7.7	11.5



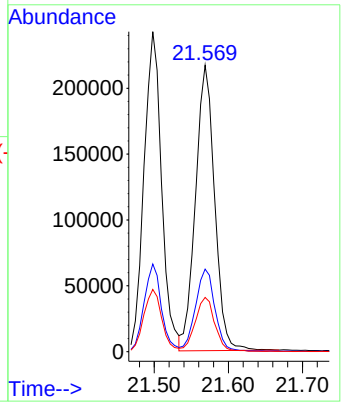


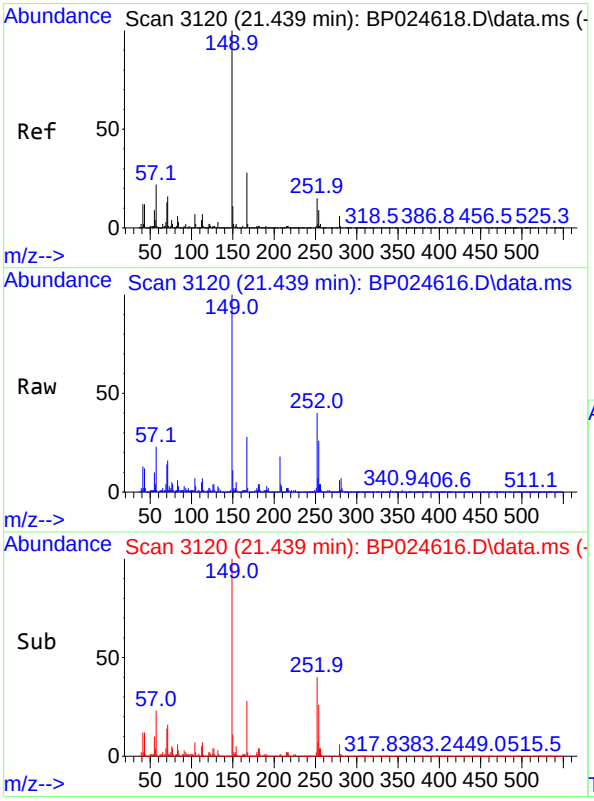
#83
Chrysene
Concen: 9.91 ng
RT: 21.569 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 388846

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.0	15.5	23.3

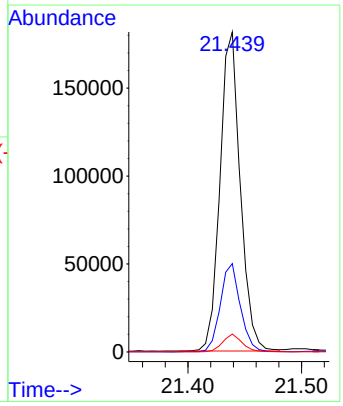


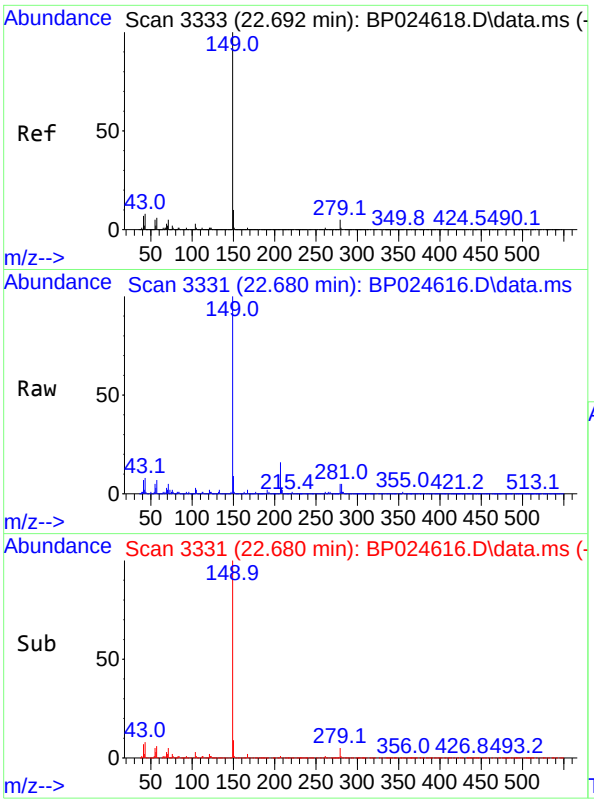


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.72 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 225047

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.6	4.6	6.8



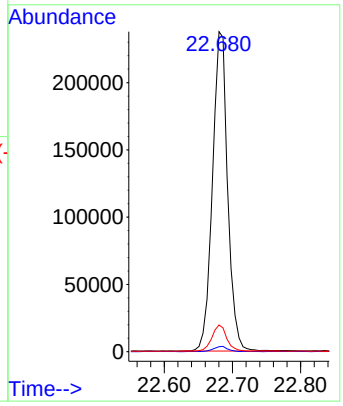


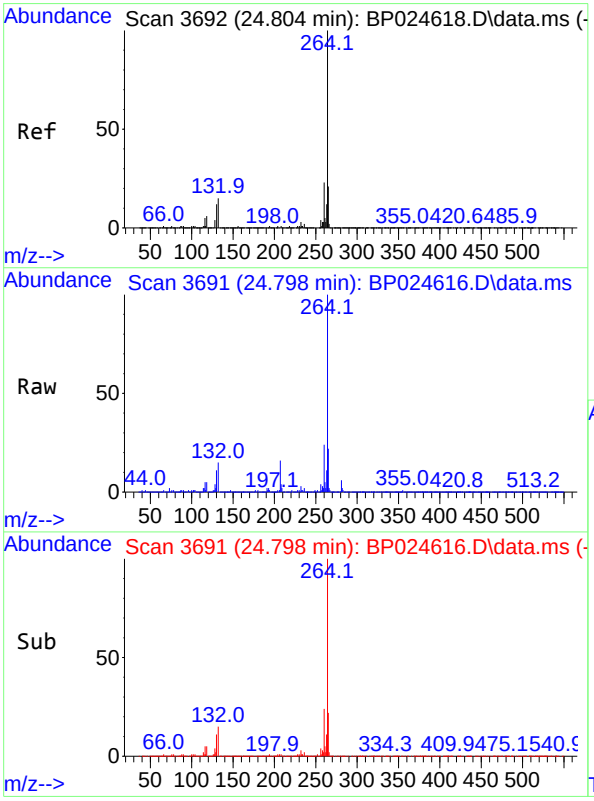
#85
Di-n-octyl phthalate
Concen: 8.72 ng
RT: 22.680 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 367934

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	6.3	9.5

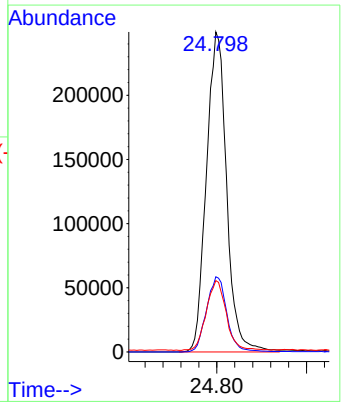


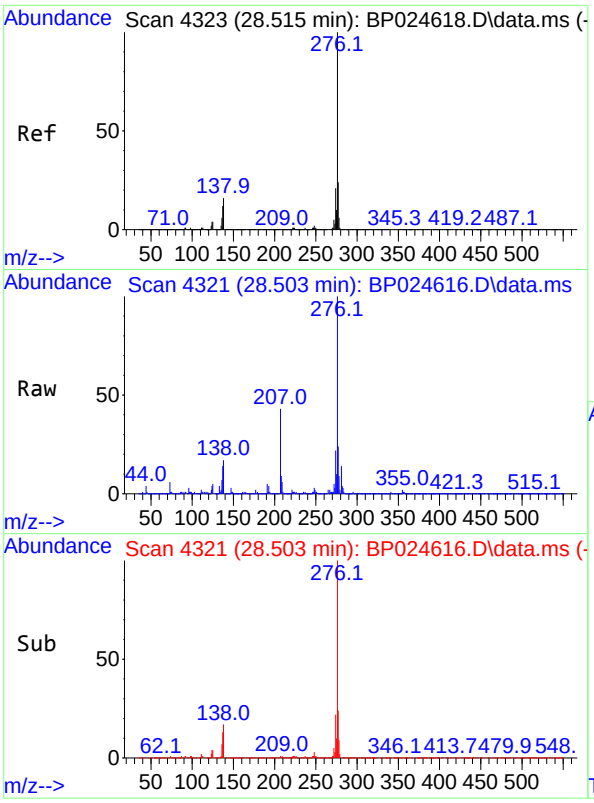


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:264 Resp: 780142

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.3	17.0	25.6



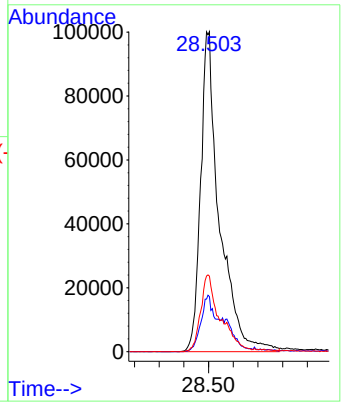


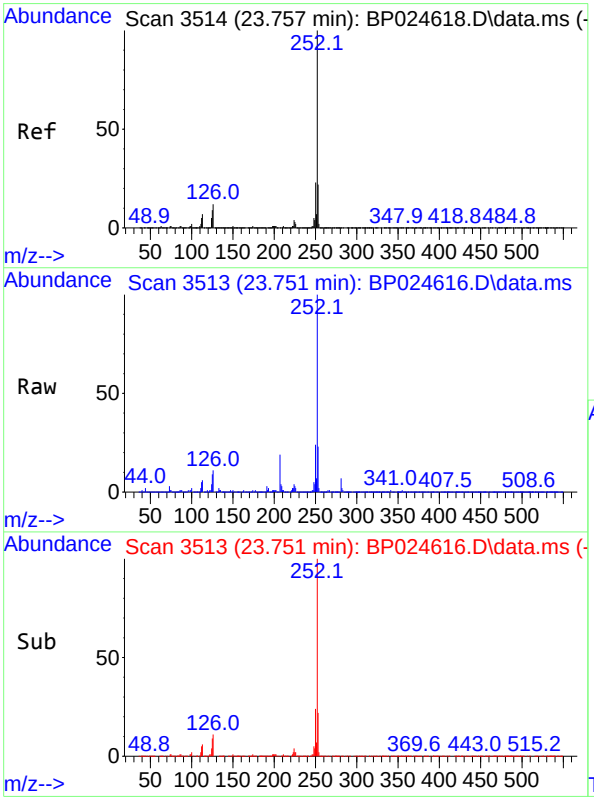
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.29 ng
RT: 28.503 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 529260

Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.2	16.8
277	24.8	15.7	23.5#

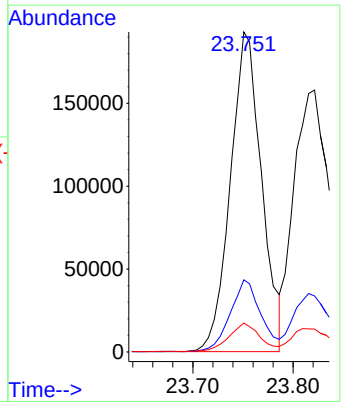


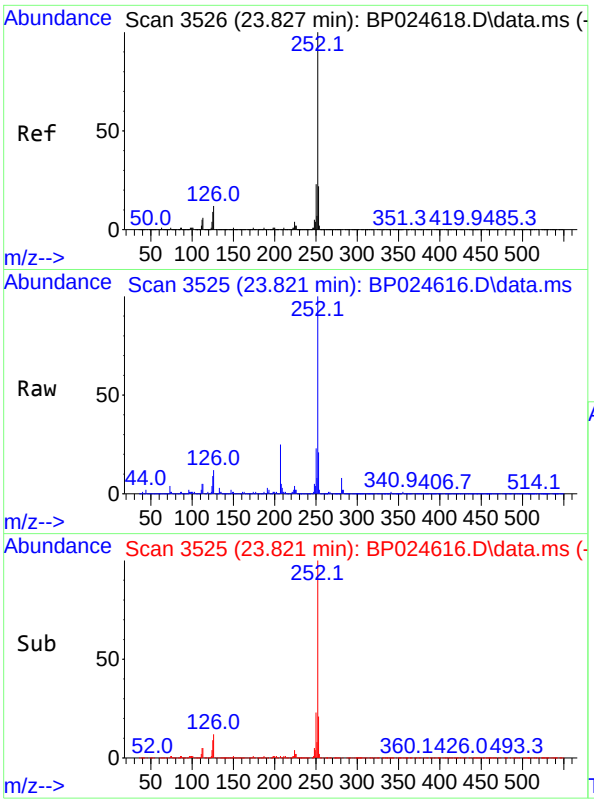


#88
Benzo(b)fluoranthene
Concen: 9.35 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 417343

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.1	7.5	11.3



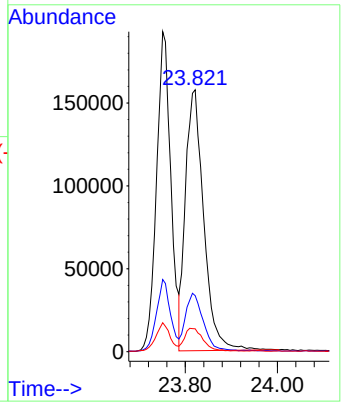


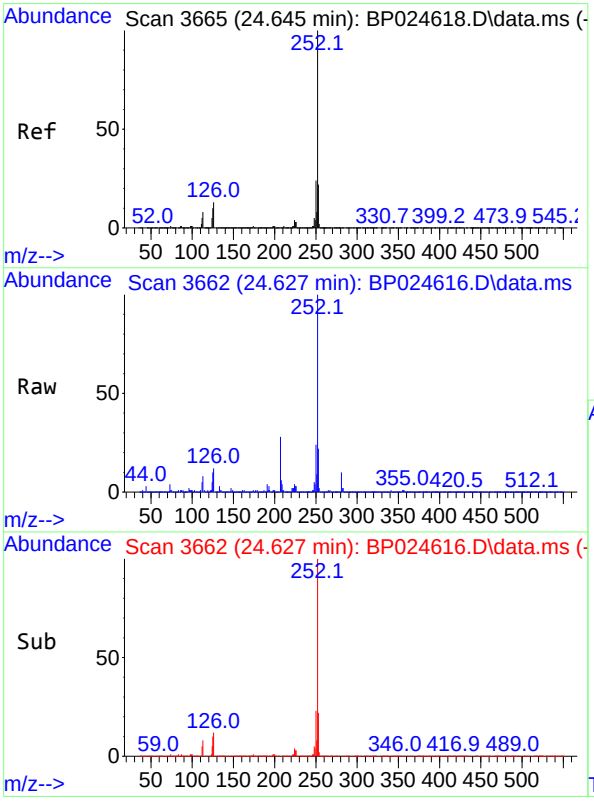
#89
Benzo(k)fluoranthene
Concen: 9.38 ng
RT: 23.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 431575

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.7	7.0	10.4

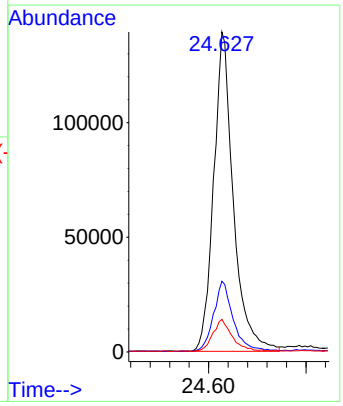


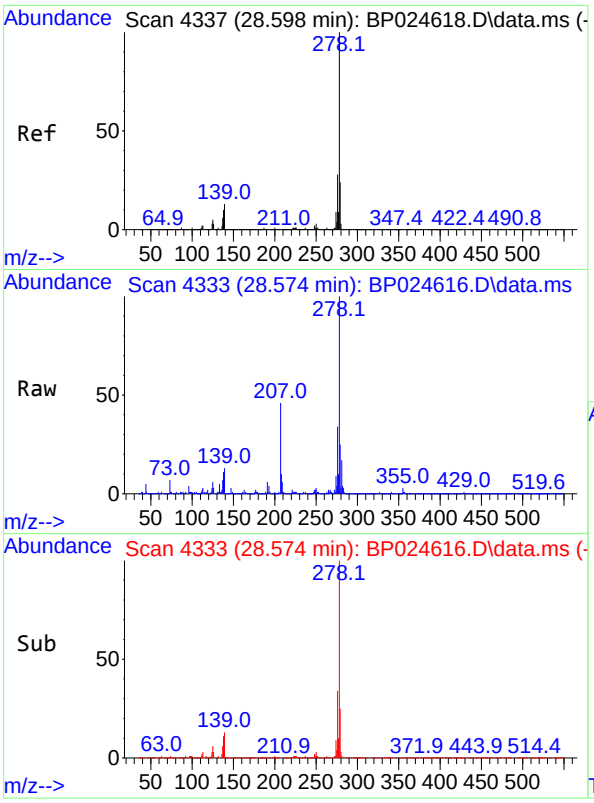


#90
Benzo(a)pyrene
Concen: 9.10 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 390288

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1



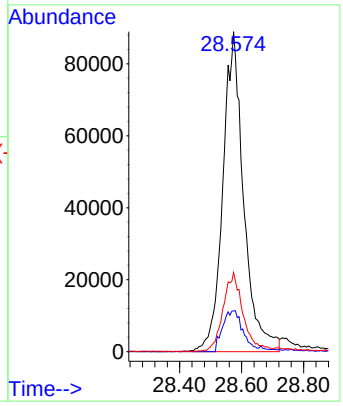


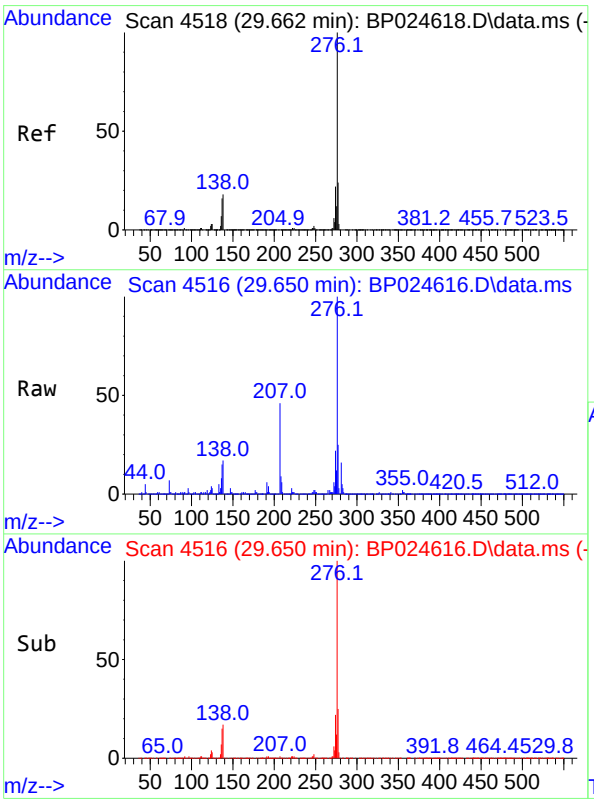
#91
Dibenzo(a,h)anthracene
Concen: 8.97 ng
RT: 28.574 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 415768

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.4
279	24.7	19.0	28.4

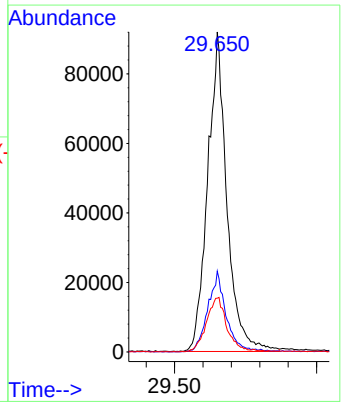




#92
Benzo(g,h,i)perylene
Concen: 9.37 ng
RT: 29.650 min Scan# 4516
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:276 Resp: 431559

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	16.8	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	112650	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	488721	20.00	ng		0.00
39) Acenaphthene-d10	14.299	164	323928	20.00	ng		0.00
64) Phenanthrene-d10	17.087	188	644367	20.00	ng		-0.01
76) Chrysene-d12	21.522	240	745224	20.00	ng		0.00
86) Perylene-d12	24.792	264	850264	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	261821	39.75	ng		0.00
7) Phenol-d6	6.858	99	334811	39.83	ng		0.00
23) Nitrobenzene-d5	8.811	82	391739	40.50	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	217092	39.53	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	1006150	40.69	ng		0.00
79) Terphenyl-d14	19.810	244	1736879	39.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.229	88	60251	19.48	ng		98
3) Pyridine	3.628	79	135451	19.75	ng		99
4) n-Nitrosodimethylamine	3.540	42	59324	19.59	ng		99
6) Aniline	7.005	93	217646	20.05	ng		100
8) 2-Chlorophenol	7.240	128	147726	19.76	ng		99
9) Benzaldehyde	6.822	77	117823m	21.69	ng		
10) Phenol	6.881	94	171949	19.82	ng		99
11) bis(2-Chloroethyl)ether	7.099	93	141599	19.86	ng		99
12) 1,3-Dichlorobenzene	7.552	146	171270	19.91	ng		99
13) 1,4-Dichlorobenzene	7.699	146	171756	19.85	ng		98
14) 1,2-Dichlorobenzene	8.011	146	168795	20.02	ng		99
15) Benzyl Alcohol	7.911	79	127076	19.89	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	171274	20.06	ng		100
17) 2-Methylphenol	8.111	107	124506	20.01	ng		99
18) Hexachloroethane	8.728	117	65527	19.76	ng		97
19) n-Nitroso-di-n-propyla...	8.458	70	122386	21.05	ng		98
20) 3+4-Methylphenols	8.440	107	169264	20.00	ng		97
22) Acetophenone	8.481	105	249692	20.45	ng	#	100
24) Nitrobenzene	8.858	77	173686	20.40	ng		99
25) Isophorone	9.375	82	339697	20.25	ng		100
26) 2-Nitrophenol	9.563	139	82278	19.73	ng		98
27) 2,4-Dimethylphenol	9.622	122	146819	19.96	ng		97
28) bis(2-Chloroethoxy)met...	9.852	93	200872	20.04	ng		99
29) 2,4-Dichlorophenol	10.099	162	141785	19.90	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	159998	19.92	ng		95
31) Naphthalene	10.481	128	512888	20.25	ng		100
32) Benzoic acid	9.746	122	71538m	18.73	ng		
33) 4-Chloroaniline	10.605	127	205433	20.10	ng		99
34) Hexachlorobutadiene	10.763	225	103364	19.87	ng		99
35) Caprolactam	11.381	113	50721	19.68	ng		99
36) 4-Chloro-3-methylphenol	11.734	107	174840	20.12	ng		99
37) 2-Methylnaphthalene	12.093	142	327447	19.97	ng		99
38) 1-Methylnaphthalene	12.316	142	352091	20.07	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	185982	19.77	ng		99
41) Hexachlorocyclopentadiene	12.440	237	113499	19.90	ng		98
43) 2,4,6-Trichlorophenol	12.722	196	121520	19.95	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	135306	19.95	ng	98
46) 1,1'-Biphenyl	13.116	154	483352	20.19	ng	100
47) 2-Chloronaphthalene	13.163	162	366247	20.06	ng	100
48) 2-Nitroaniline	13.375	65	107062	19.81	ng	98
49) Acenaphthylene	14.016	152	621997	20.36	ng	100
50) Dimethylphthalate	13.751	163	491623	19.91	ng	99
51) 2,6-Dinitrotoluene	13.869	165	105479	20.23	ng	97
52) Acenaphthene	14.357	154	354519	20.19	ng	99
53) 3-Nitroaniline	14.210	138	106527	20.01	ng	98
54) 2,4-Dinitrophenol	14.428	184	46351	19.37	ng	91
55) Dibenzofuran	14.698	168	563719	20.12	ng	99
56) 4-Nitrophenol	14.551	139	71975	19.02	ng	93
57) 2,4-Dinitrotoluene	14.675	165	147676	20.09	ng	99
58) Fluorene	15.357	166	456792	20.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	123265	19.59	ng	99
60) Diethylphthalate	15.128	149	497916	19.95	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	226790	19.91	ng	98
62) 4-Nitroaniline	15.393	138	105617	20.37	ng	99
63) Azobenzene	15.651	77	439183	20.57	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	77131	18.53	ng	96
66) n-Nitrosodiphenylamine	15.575	169	404085	20.42	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	152393	20.07	ng	97
68) Hexachlorobenzene	16.381	284	192290	19.93	ng	99
69) Atrazine	16.545	200	146468	20.19	ng	99
70) Pentachlorophenol	16.740	266	104916	19.36	ng	98
71) Phenanthrene	17.128	178	724922	20.24	ng	100
72) Anthracene	17.222	178	735787	20.42	ng	100
73) Carbazole	17.510	167	669730	20.53	ng	99
74) Di-n-butylphthalate	18.092	149	858522	20.46	ng	100
75) Fluoranthene	19.210	202	846684	20.22	ng	100
77) Benzidine	19.422	184	404890	19.79	ng	99
78) Pyrene	19.592	202	892037	19.98	ng	99
80) Butylbenzylphthalate	20.539	149	400050	20.14	ng	97
81) Benzo(a)anthracene	21.498	228	933614	19.95	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	353000	20.31	ng	100
83) Chrysene	21.569	228	883001	19.91	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	597012	20.45	ng	98
85) Di-n-octyl phthalate	22.686	149	947571	19.85	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	1230125m	19.81	ng	
88) Benzo(b)fluoranthene	23.757	252	979873	20.13	ng	99
89) Benzo(k)fluoranthene	23.822	252	1005349	20.05	ng	100
90) Benzo(a)pyrene	24.627	252	945764	20.23	ng	100
91) Dibenzo(a,h)anthracene	28.568	278	1008288	19.97	ng	99
92) Benzo(g,h,i)perylene	29.627	276	991852	19.75	ng	99

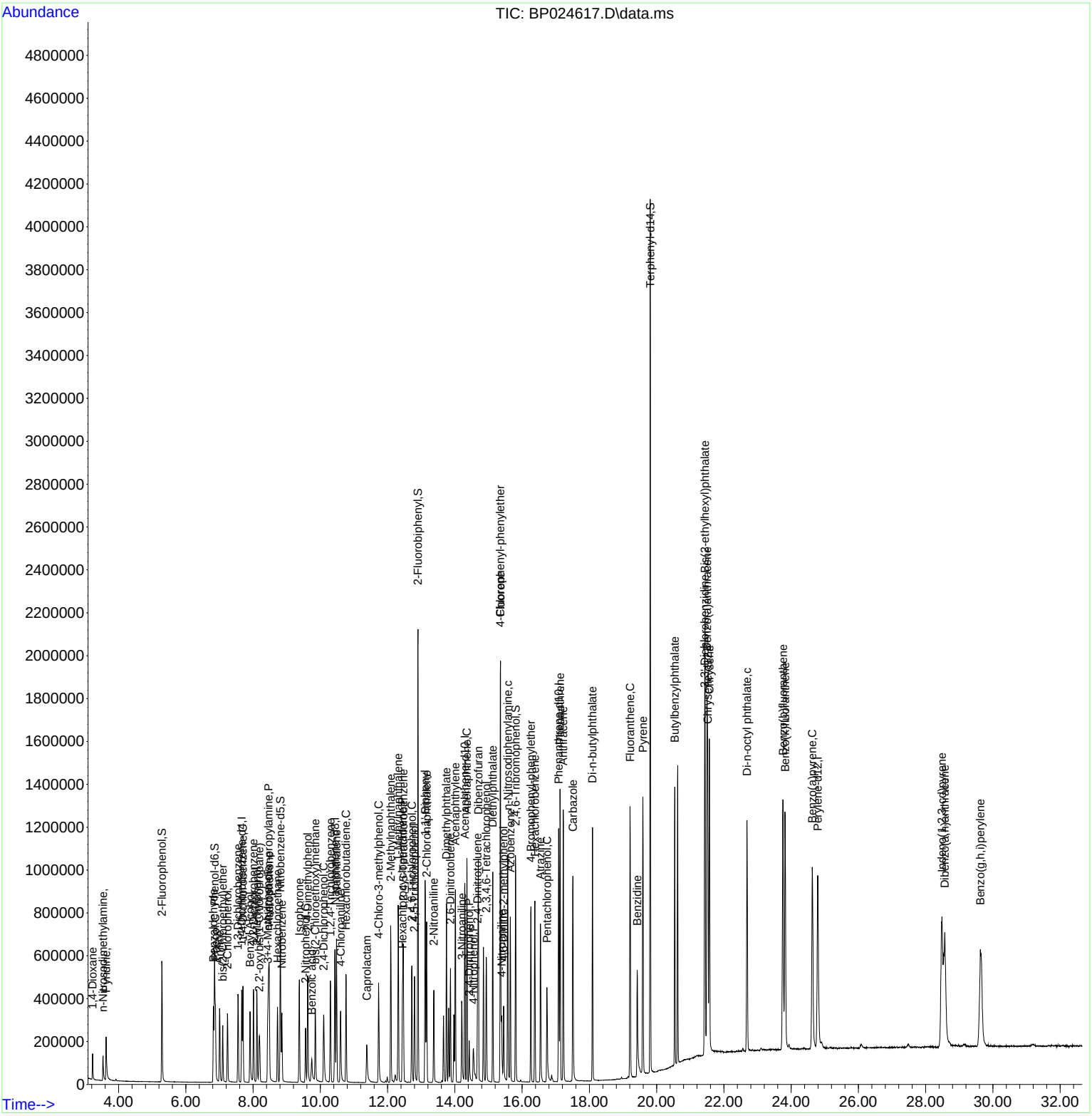
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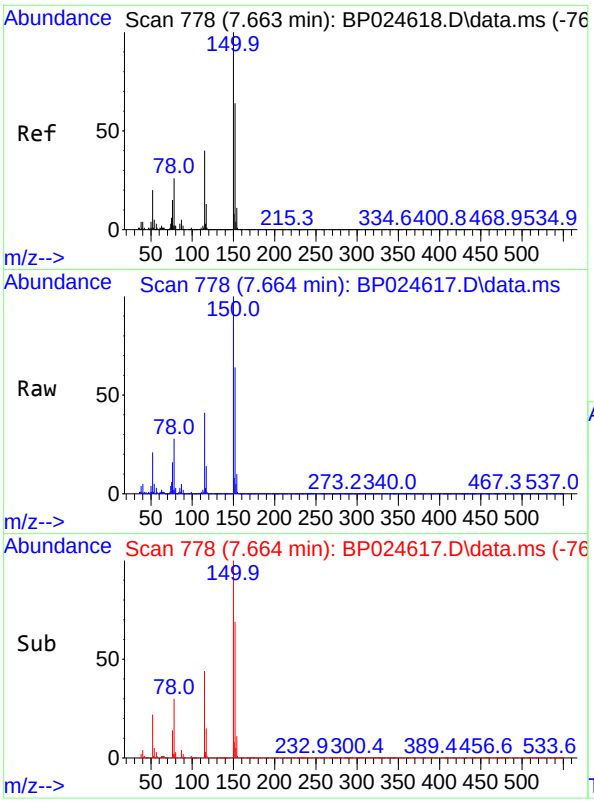
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



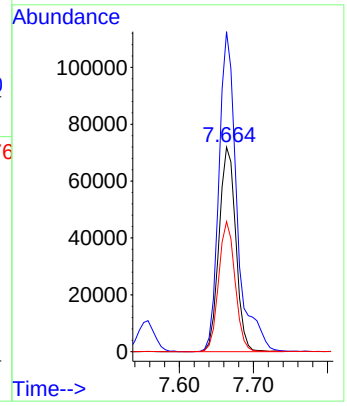


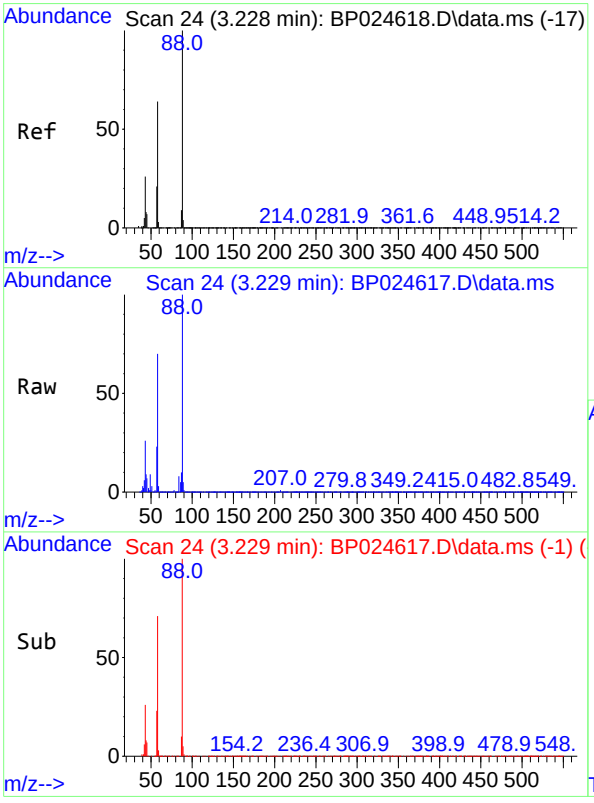
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 112650

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	63.6	50.1	75.1

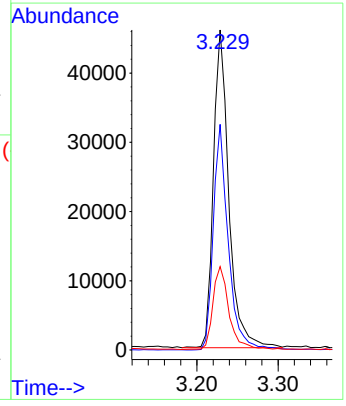


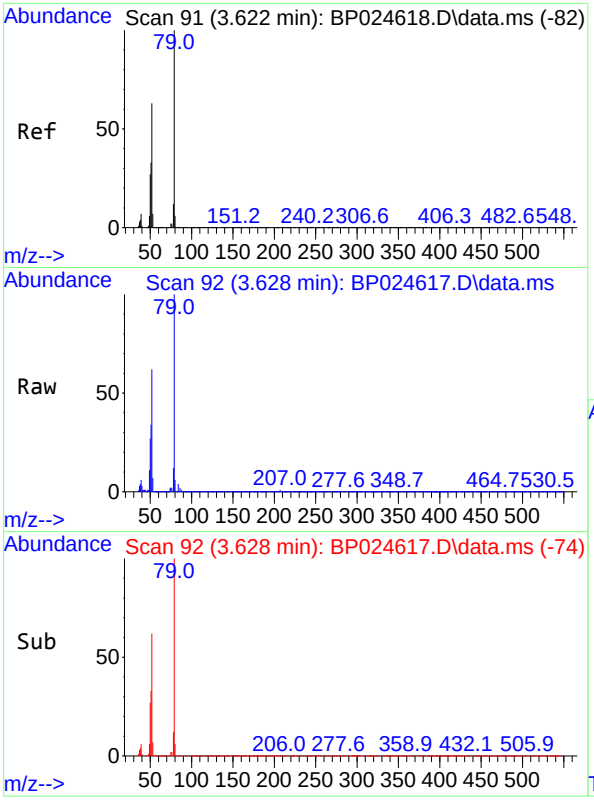


#2
1,4-Dioxane
Concen: 19.48 ng
RT: 3.229 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 88 Resp: 60251

Ion	Ratio	Lower	Upper
88	100		
58	69.2	54.0	81.0
43	27.3	21.4	32.0



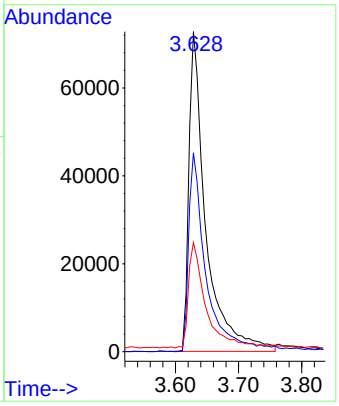


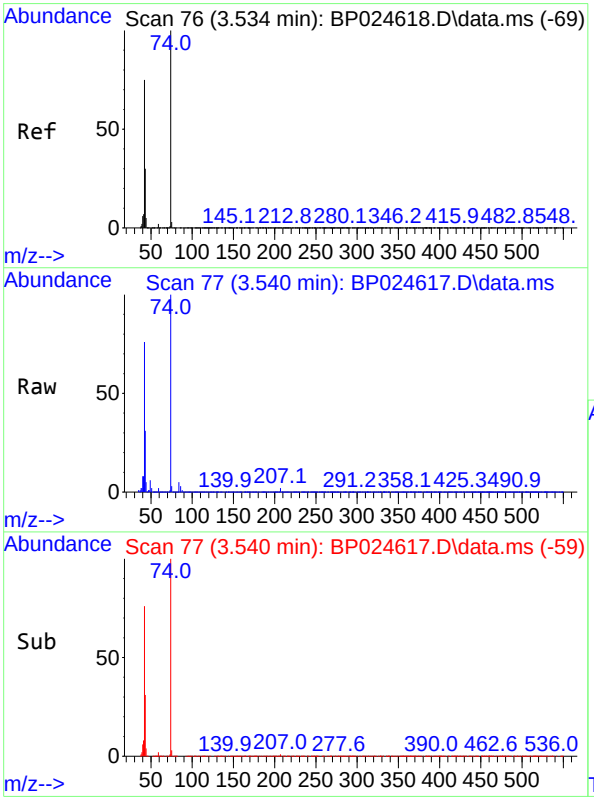
#3
Pyridine
Concen: 19.75 ng
RT: 3.628 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 135451

Ion	Ratio	Lower	Upper
79	100		
52	62.1	50.2	75.2
51	34.1	26.8	40.2

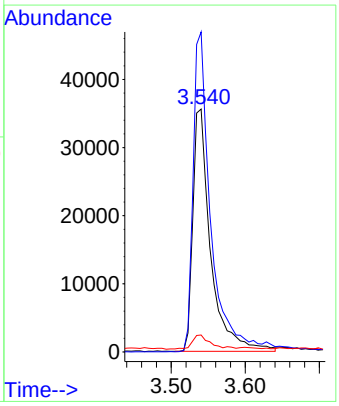


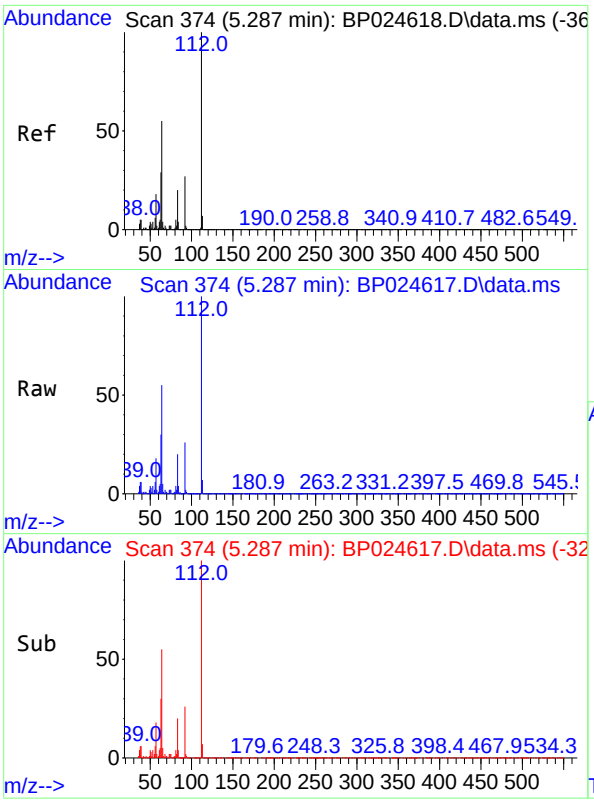


#4
n-Nitrosodimethylamine
Concen: 19.59 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 42 Resp: 59324

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	7.0	5.4	8.2



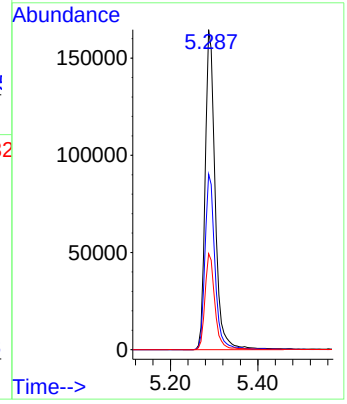


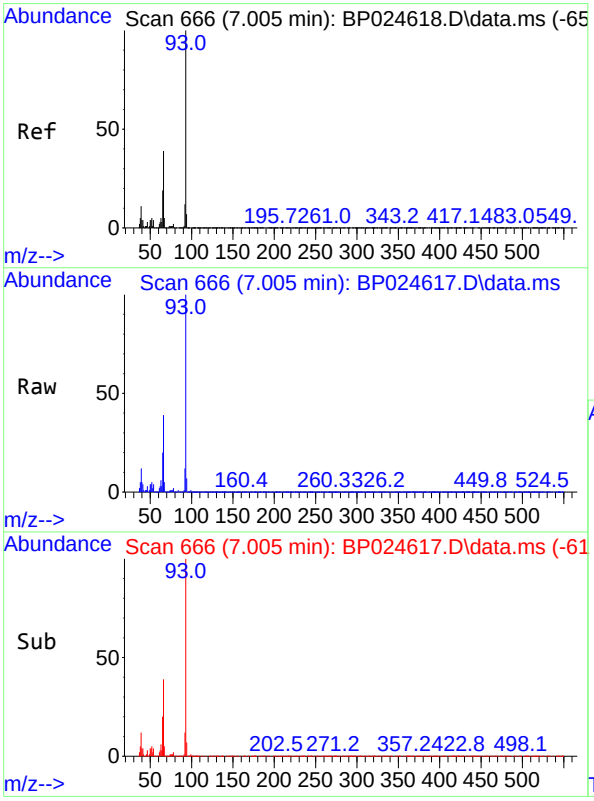
#5
2-Fluorophenol
Concen: 39.75 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 261821

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	30.0	23.5	35.3

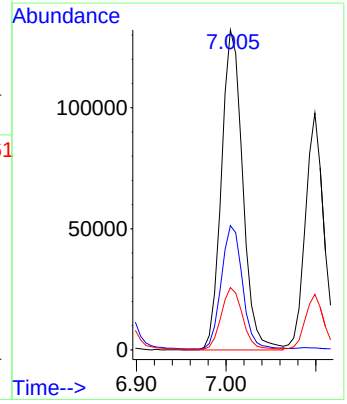


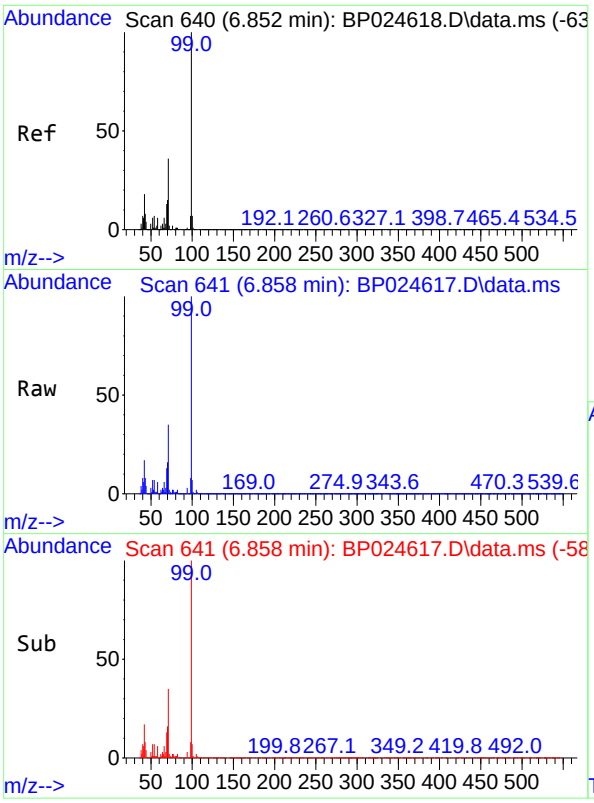


#6
Aniline
Concen: 20.05 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 217646

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.5	15.5	23.3



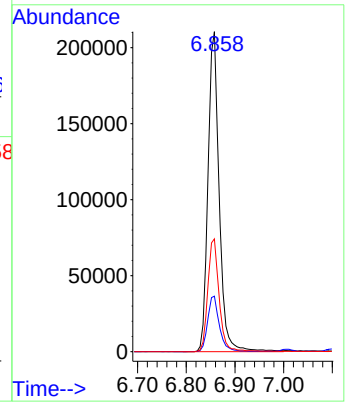


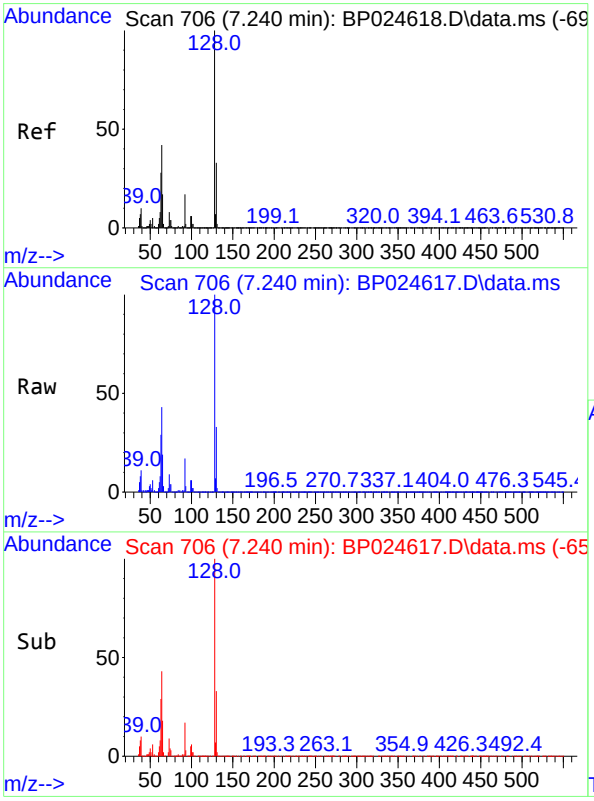
#7
Phenol-d6
Concen: 39.83 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 334811

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	35.3	29.2	43.8

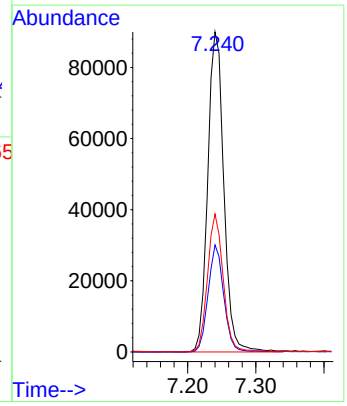


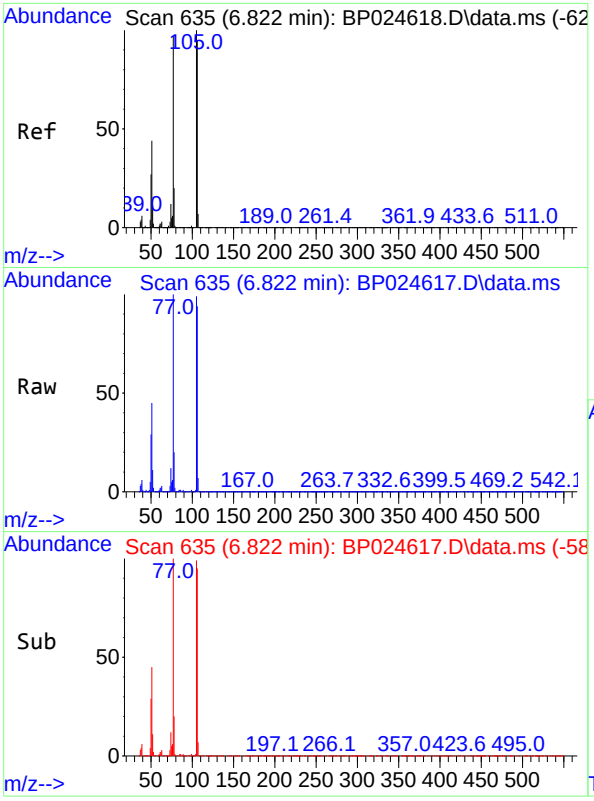


#8
2-Chlorophenol
Concen: 19.76 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:128 Resp: 147726

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.0	53.0
64	43.1	22.3	62.3



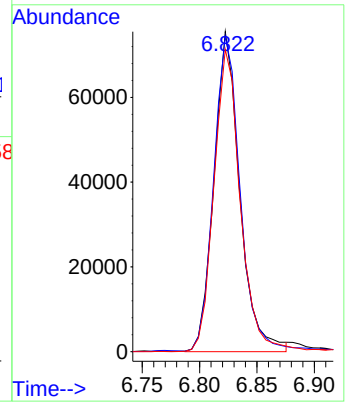


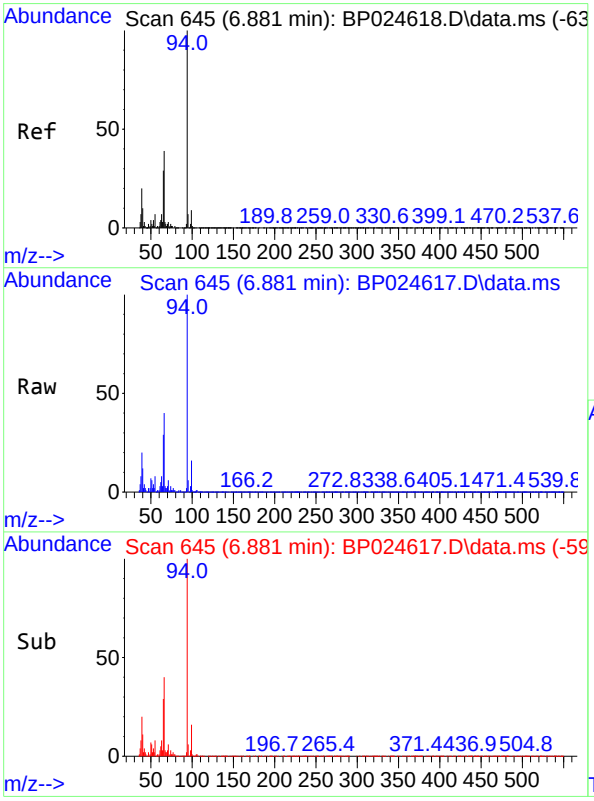
#9
Benzaldehyde
Concen: 21.69 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 117823

Ion	Ratio	Lower	Upper
77	100		
105	98.5	83.3	123.3
106	94.4	78.0	118.0

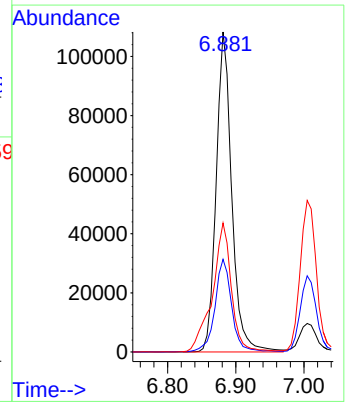


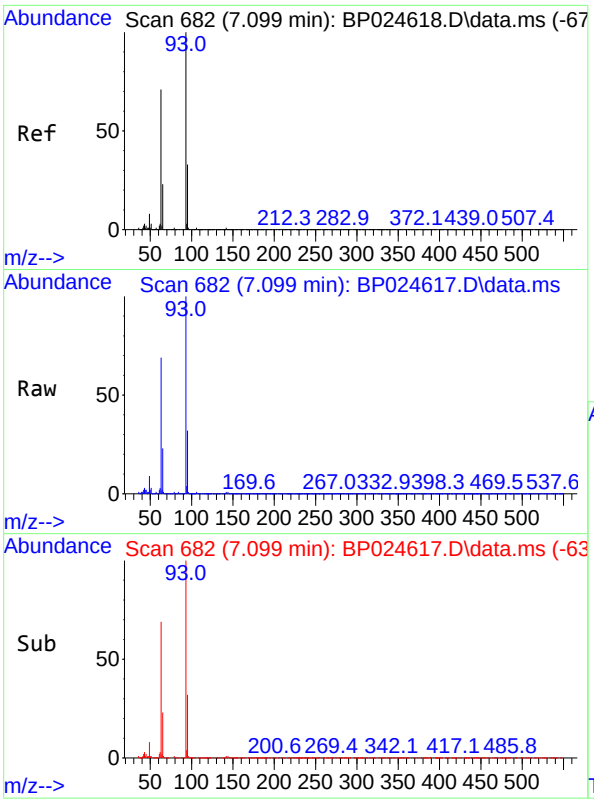


#10
Phenol
Concen: 19.82 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 94 Resp: 171949

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.7	48.7
66	40.3	19.4	59.4



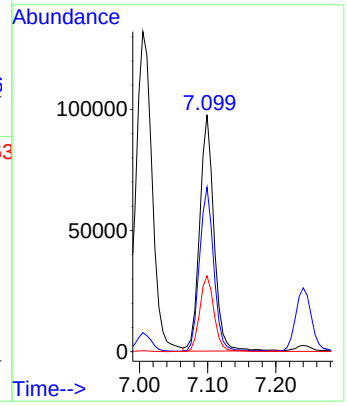


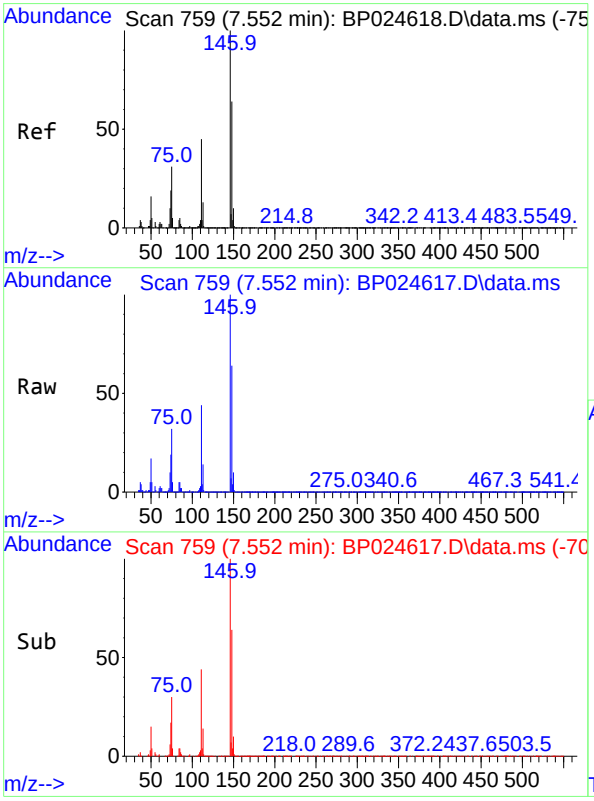
#11
bis(2-Chloroethyl)ether
Concen: 19.86 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 141599

Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.6	90.6
95	32.0	12.9	52.9

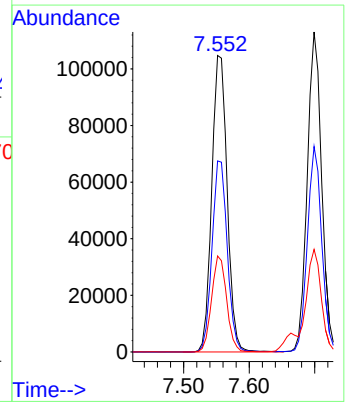


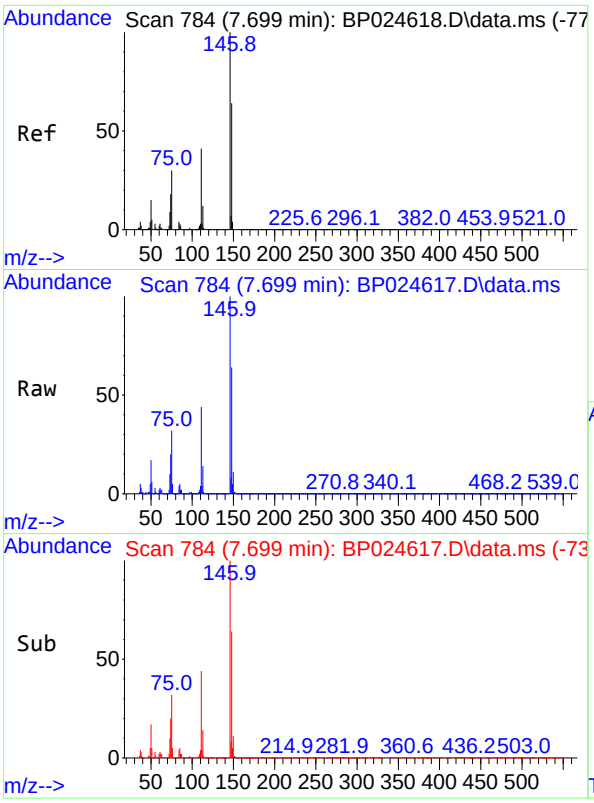


#12
1,3-Dichlorobenzene
Concen: 19.91 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:146 Resp: 171270

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
75	32.4	25.2	37.8



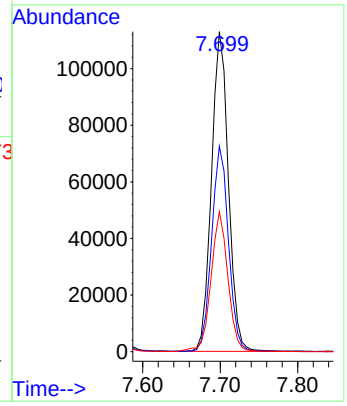


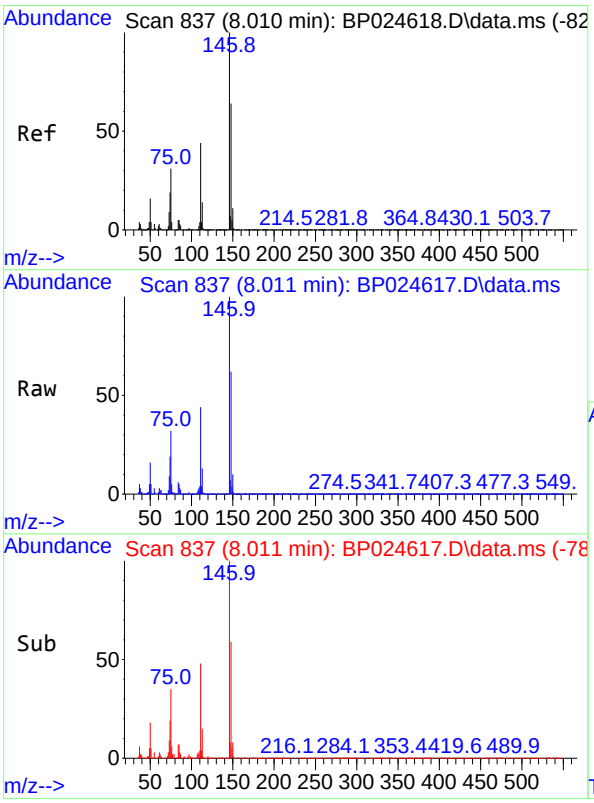
#13
1,4-Dichlorobenzene
Concen: 19.85 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 171756

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	43.7	33.0	49.6

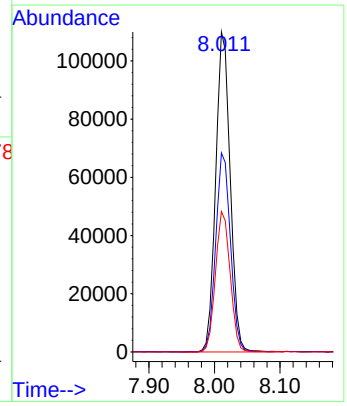


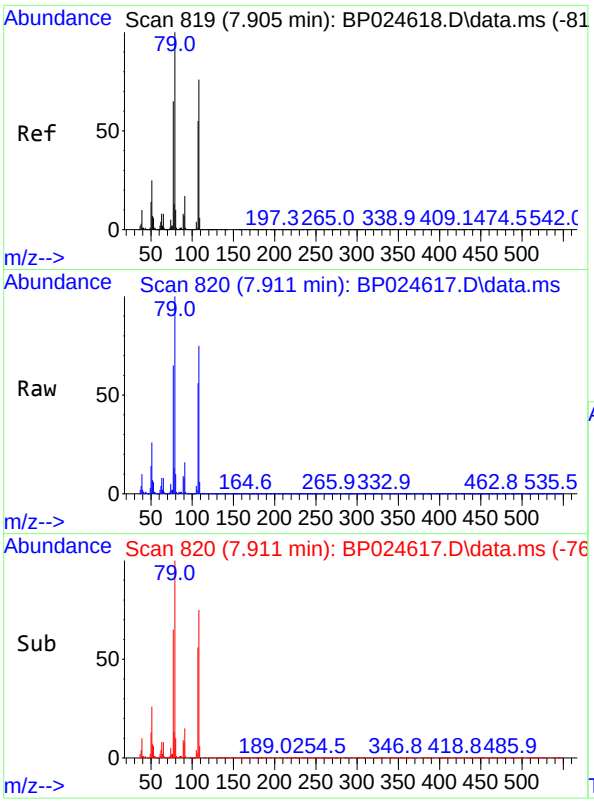


#14
1,2-Dichlorobenzene
Concen: 20.02 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:146 Resp: 168795

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.4
111	43.9	35.2	52.8



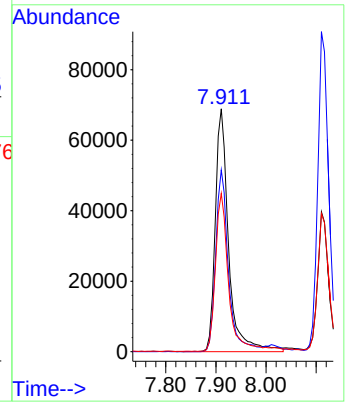


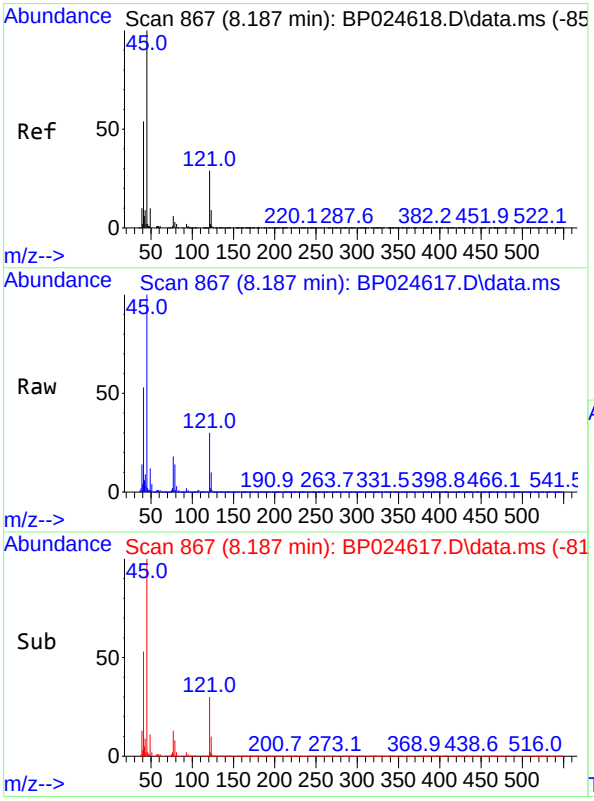
#15
Benzyl Alcohol
Concen: 19.89 ng
RT: 7.911 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 127076

Ion	Ratio	Lower	Upper
79	100		
108	74.8	60.8	91.2
77	65.1	51.9	77.9

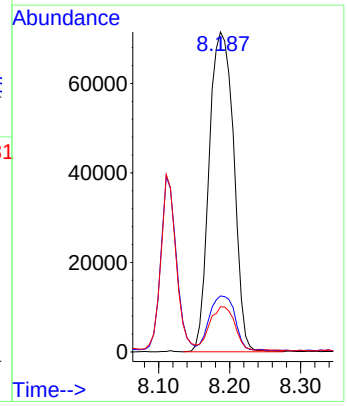


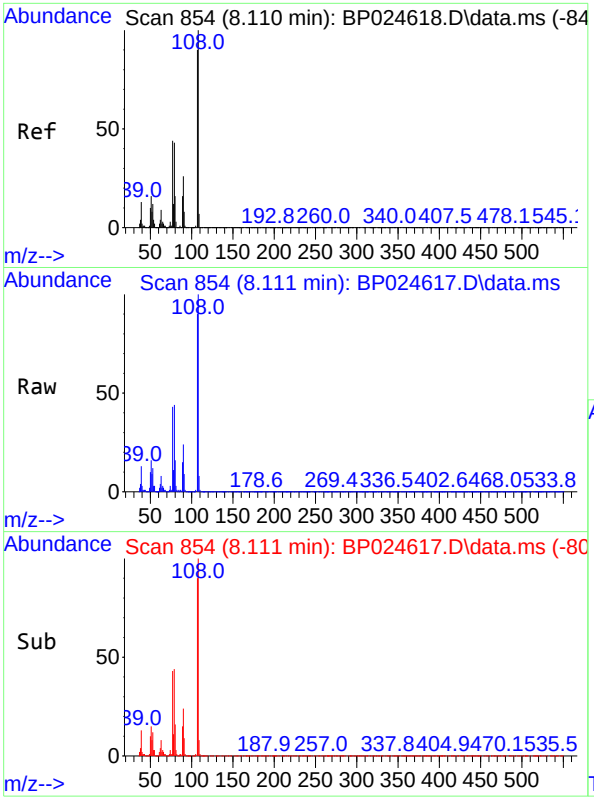


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.06 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 45 Resp: 171274

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.7
79	14.1	0.0	34.0



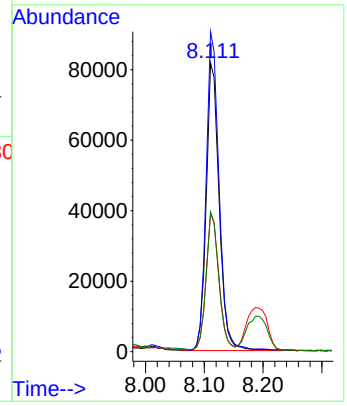


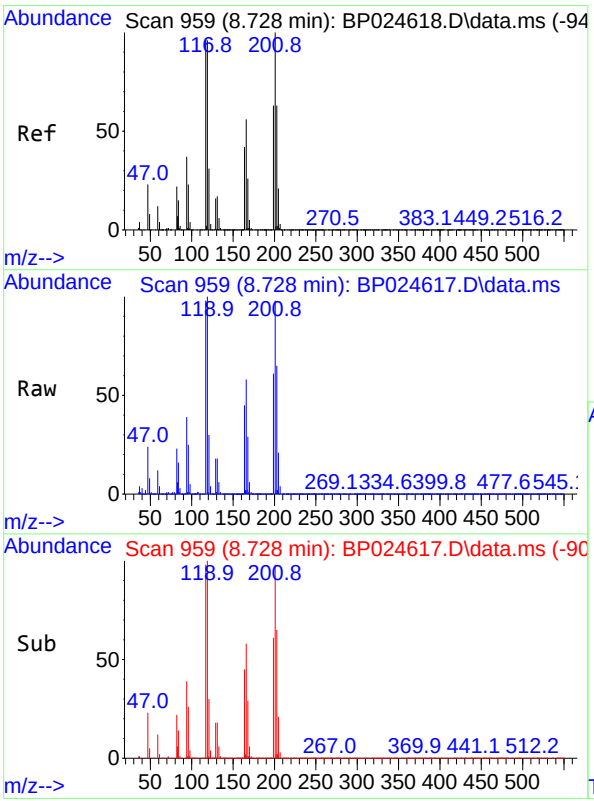
#17
2-Methylphenol
Concen: 20.01 ng
RT: 8.111 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 124506

Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.9	133.3
77	47.9	39.0	58.6
79	48.4	38.4	57.6

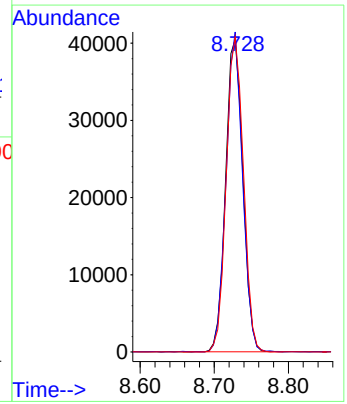


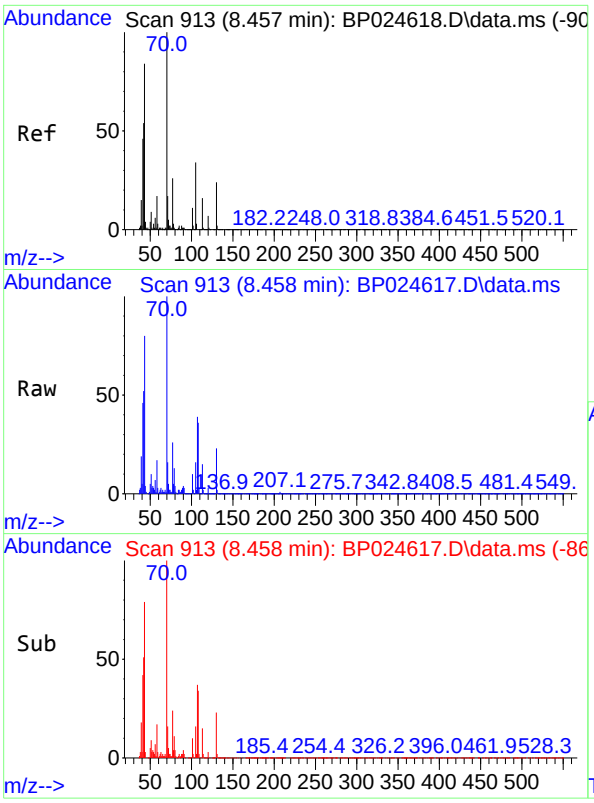


#18
Hexachloroethane
Concen: 19.76 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:117 Resp: 65527

Ion	Ratio	Lower	Upper
117	100		
119	102.4	79.4	119.0
201	100.8	82.7	124.1



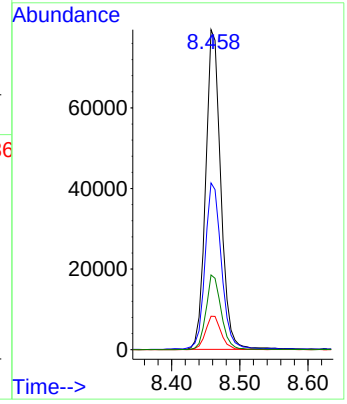


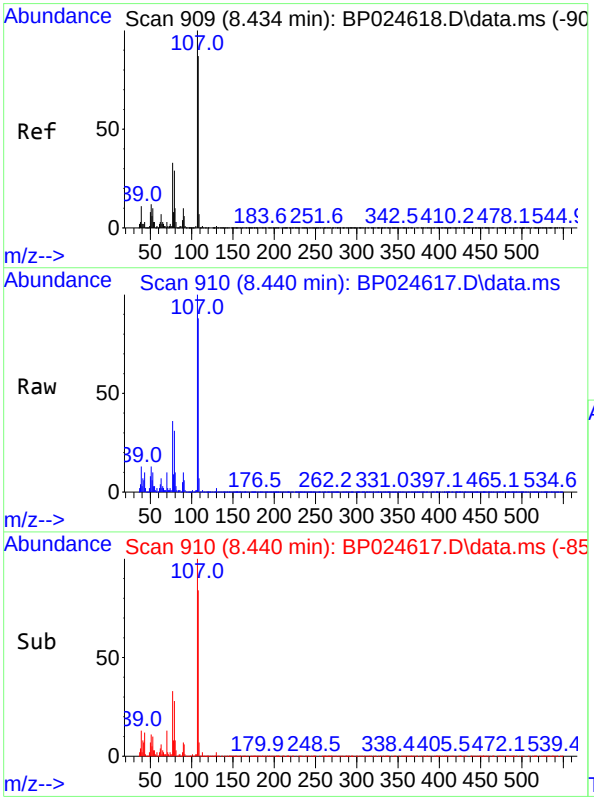
#19
n-Nitroso-di-n-propylamine
Concen: 21.05 ng
RT: 8.458 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 122386

Ion	Ratio	Lower	Upper
70	100		
42	52.1	43.0	64.6
101	10.5	8.7	13.1
130	23.4	19.4	29.0

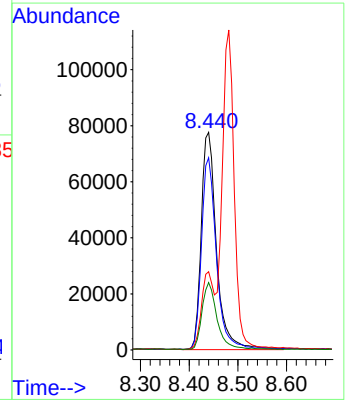


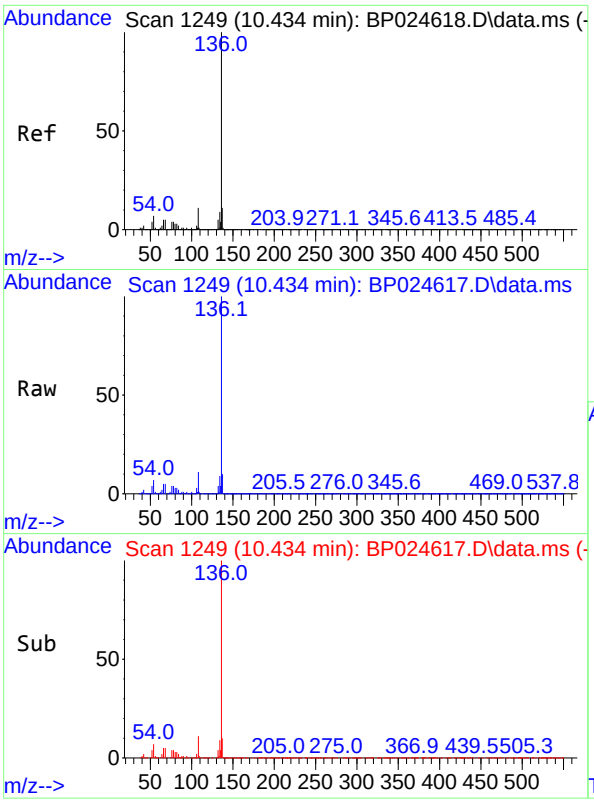


#20
3+4-Methylphenols
Concen: 20.00 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 169264

Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.7	106.7
77	35.9	13.1	53.1
79	30.9	8.9	48.9



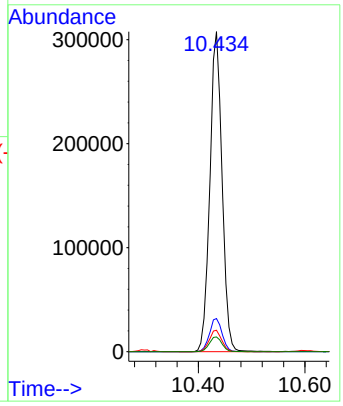


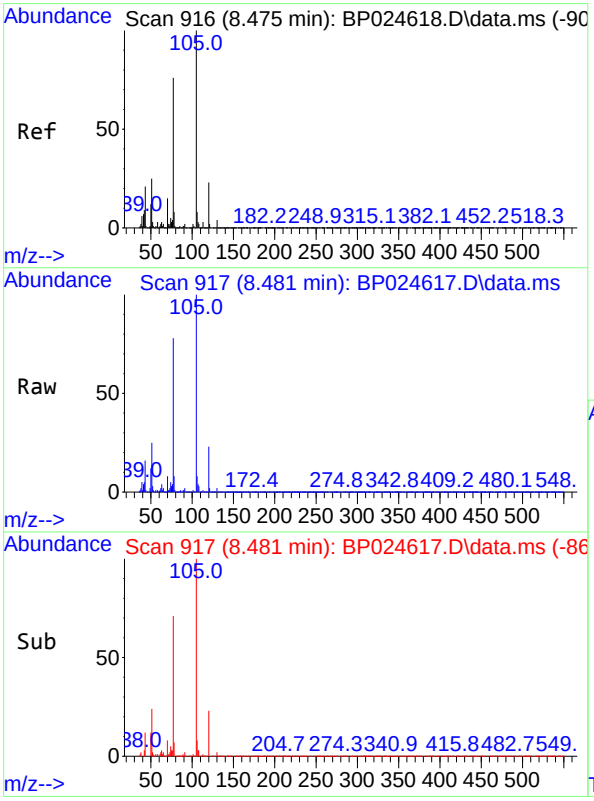
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 488721

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.7	5.5	8.3
68	4.6	4.2	6.2

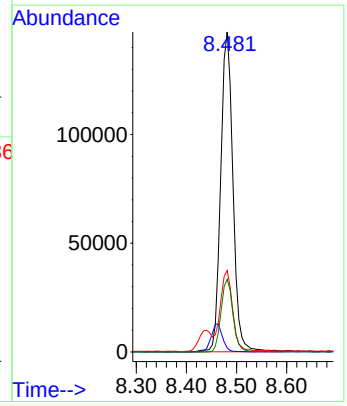


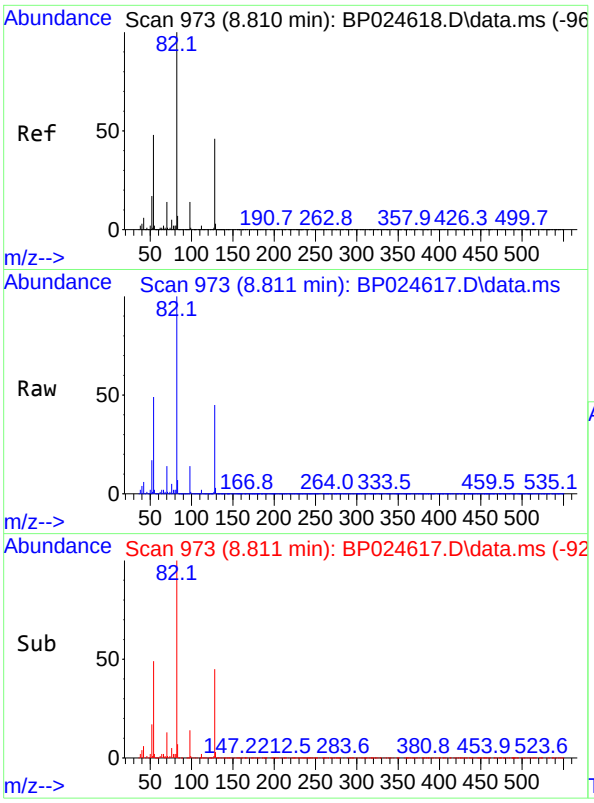


#22
Acetophenone
Concen: 20.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:105 Resp: 249692

Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.0	3.0#
51	25.5	20.4	30.6
120	22.7	18.1	27.1



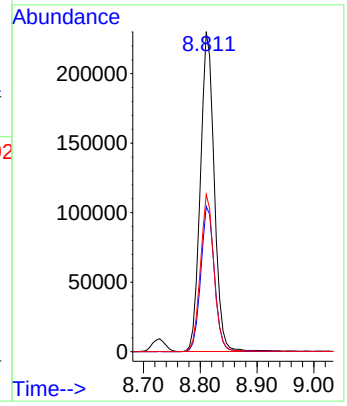


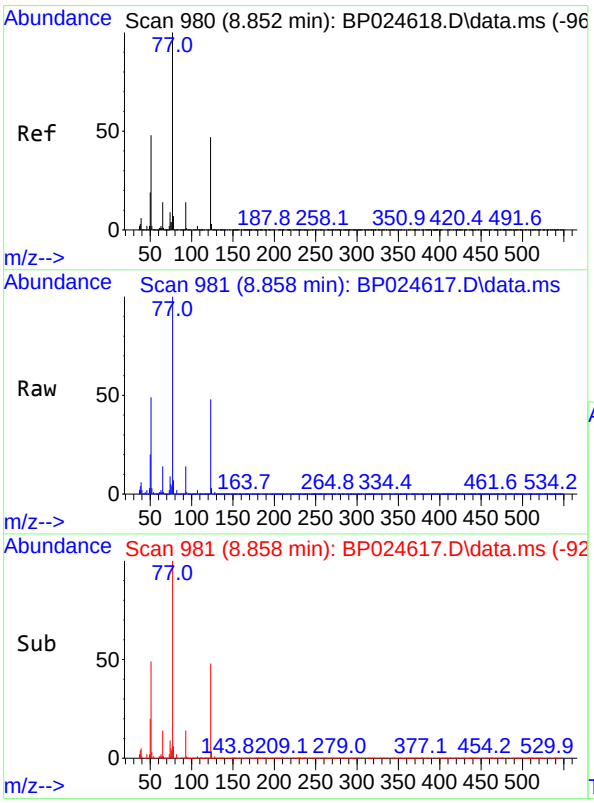
#23
Nitrobenzene-d5
Concen: 40.50 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 391739

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.0	55.4
54	49.1	38.7	58.1

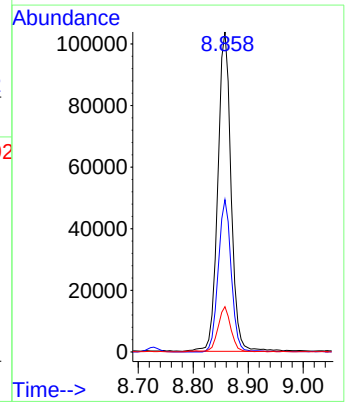


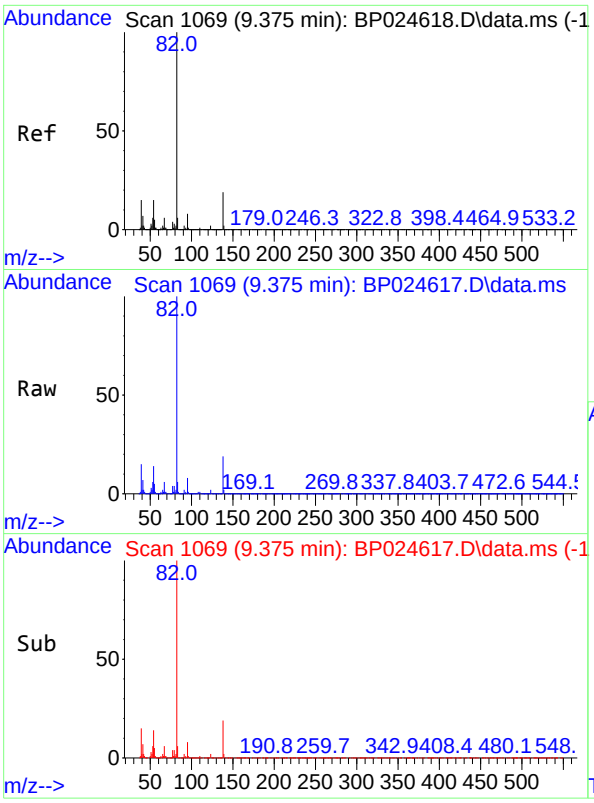


#24
Nitrobenzene
Concen: 20.40 ng
RT: 8.858 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 77 Resp: 173686

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.4	56.0
65	14.1	11.3	16.9



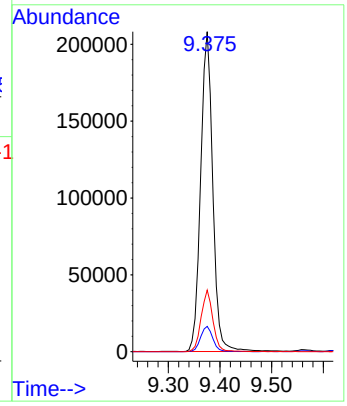


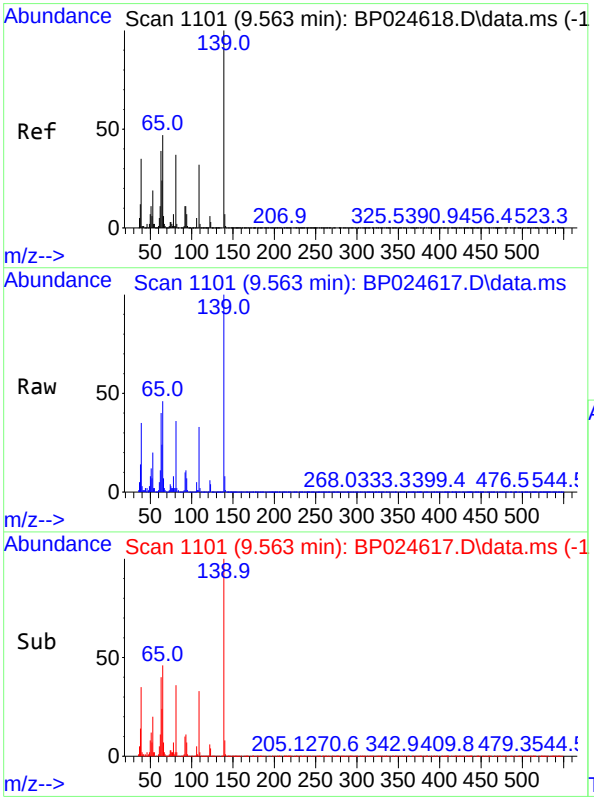
#25
Isophorone
Concen: 20.25 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 339697

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	19.3	15.3	22.9

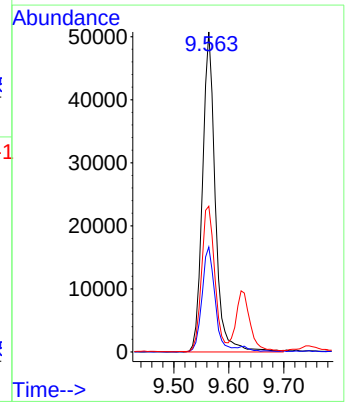


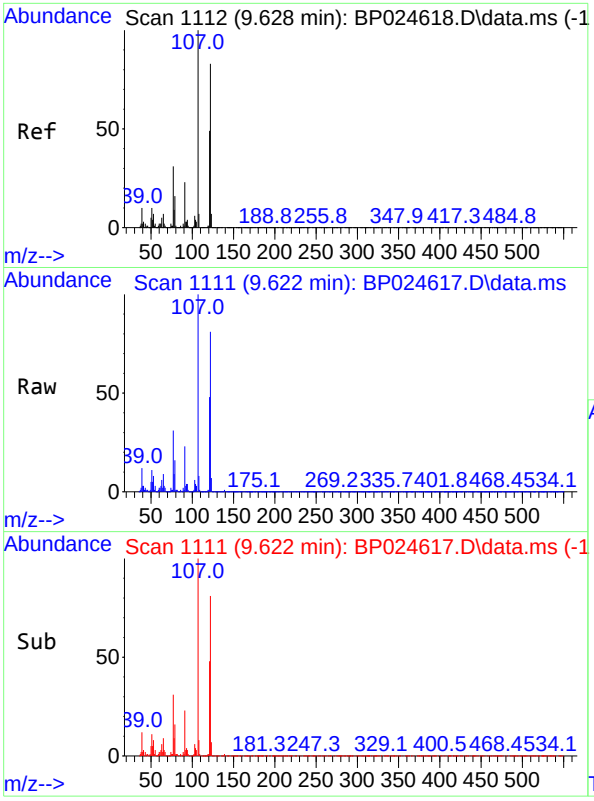


#26
2-Nitrophenol
Concen: 19.73 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:139 Resp: 82278

Ion	Ratio	Lower	Upper
139	100		
109	32.8	25.9	38.9
65	45.6	37.9	56.9



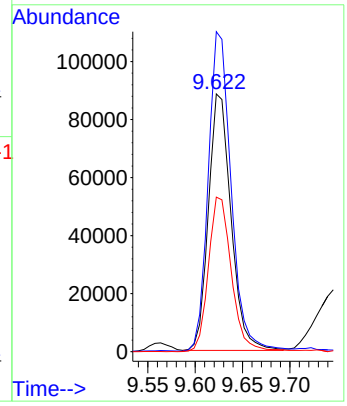


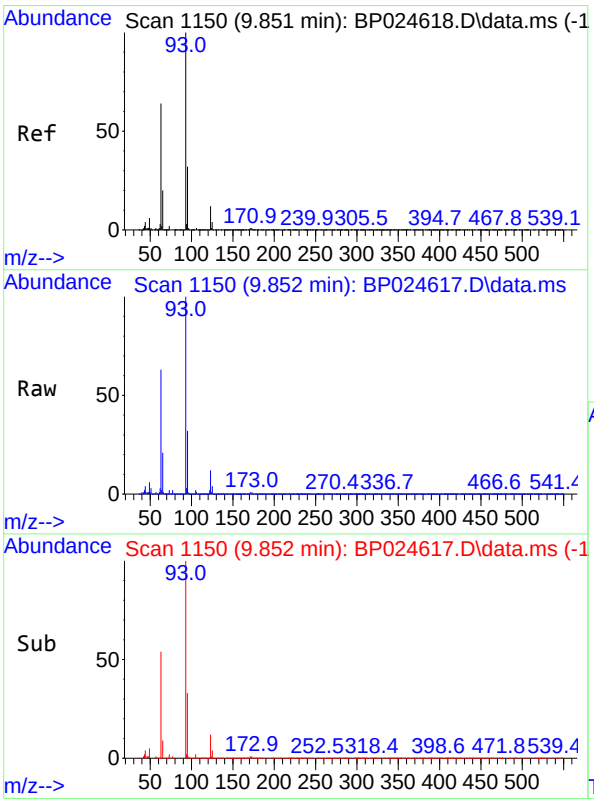
#27
2,4-Dimethylphenol
Concen: 19.96 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 146819

Ion	Ratio	Lower	Upper
122	100		
107	124.1	96.2	144.2
121	60.0	47.6	71.4

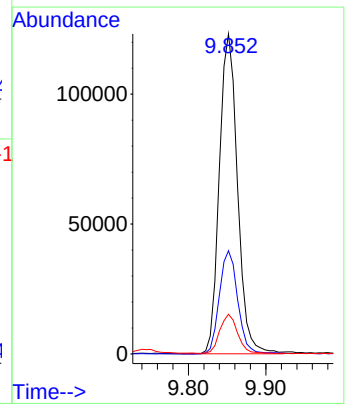


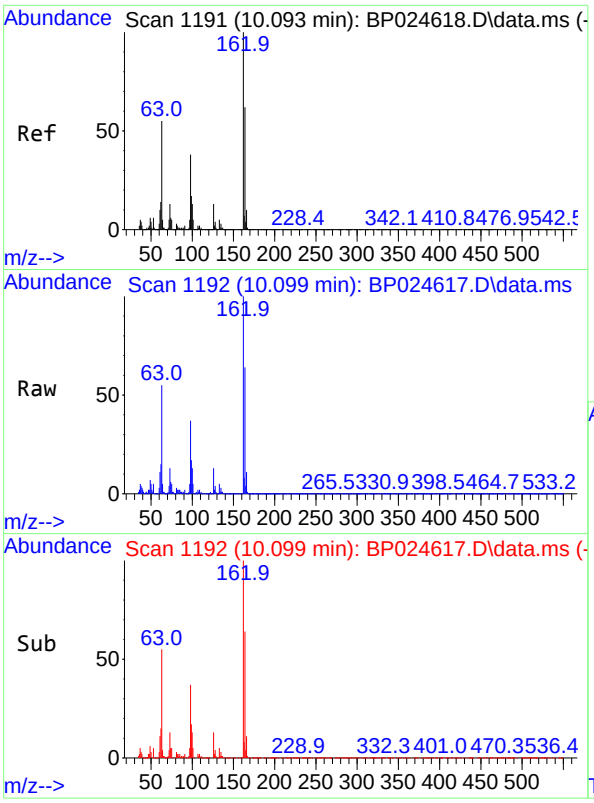


#28
bis(2-Chloroethoxy)methane
Concen: 20.04 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 200872

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	12.4	9.7	14.5



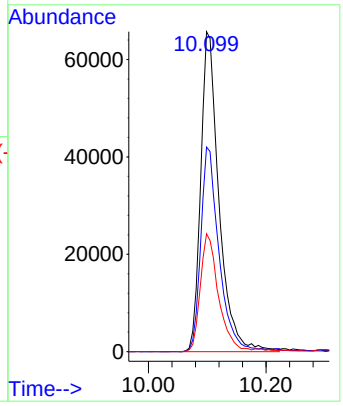


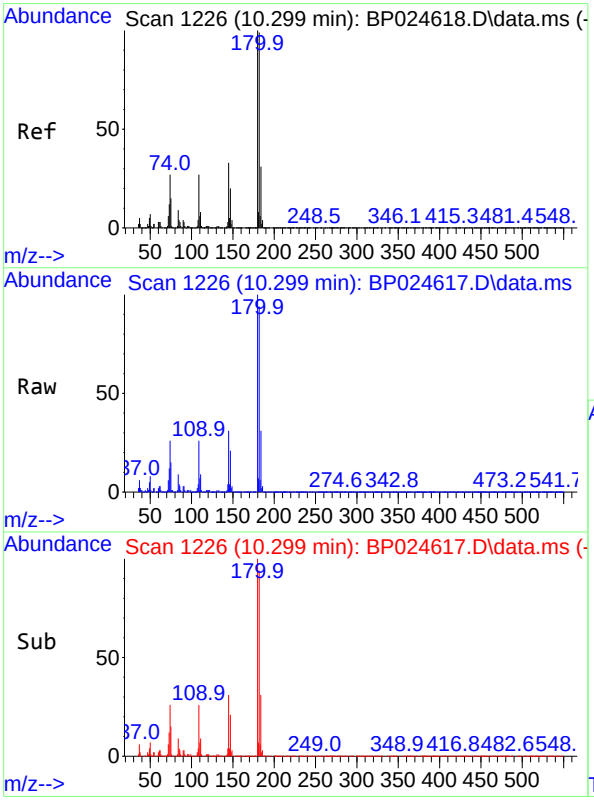
#29
2,4-Dichlorophenol
Concen: 19.90 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 141785

Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.3	82.3
98	36.8	18.4	58.4

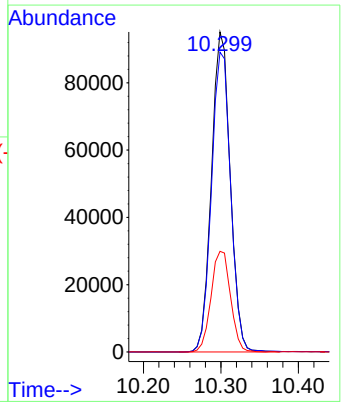


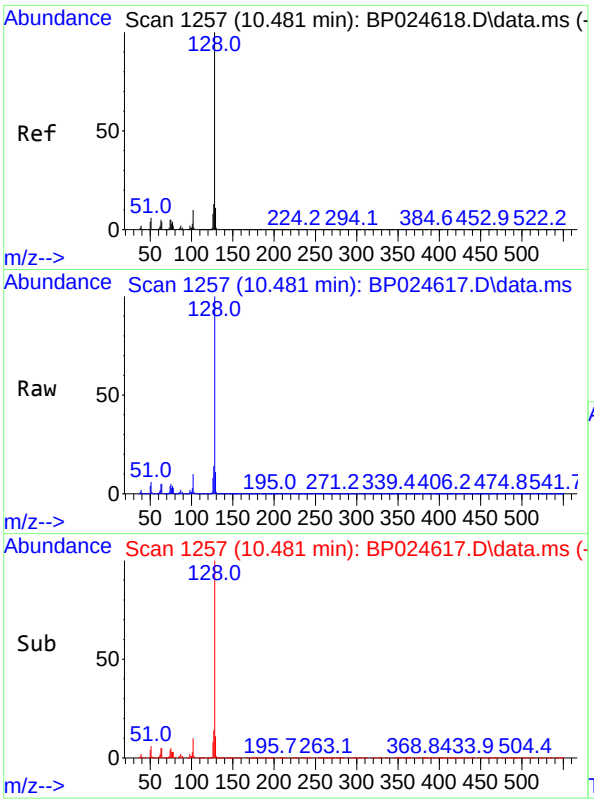


#30
1,2,4-Trichlorobenzene
Concen: 19.92 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:180 Resp: 159998

Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.0	118.4
145	31.5	26.6	39.8



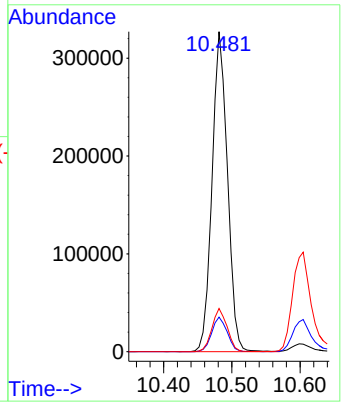


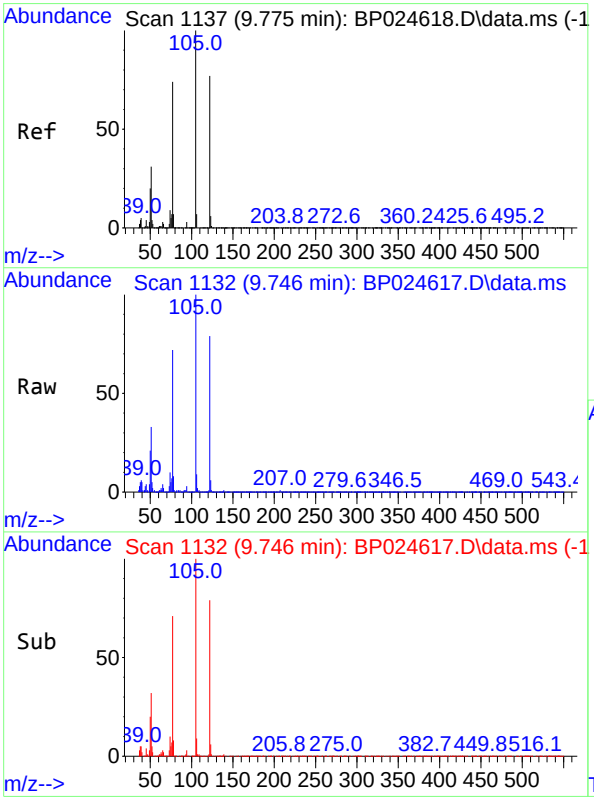
#31
Naphthalene
Concen: 20.25 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 512888

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.7	16.1

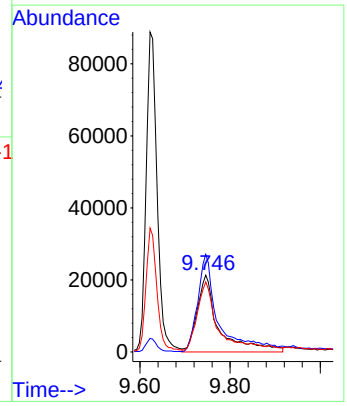


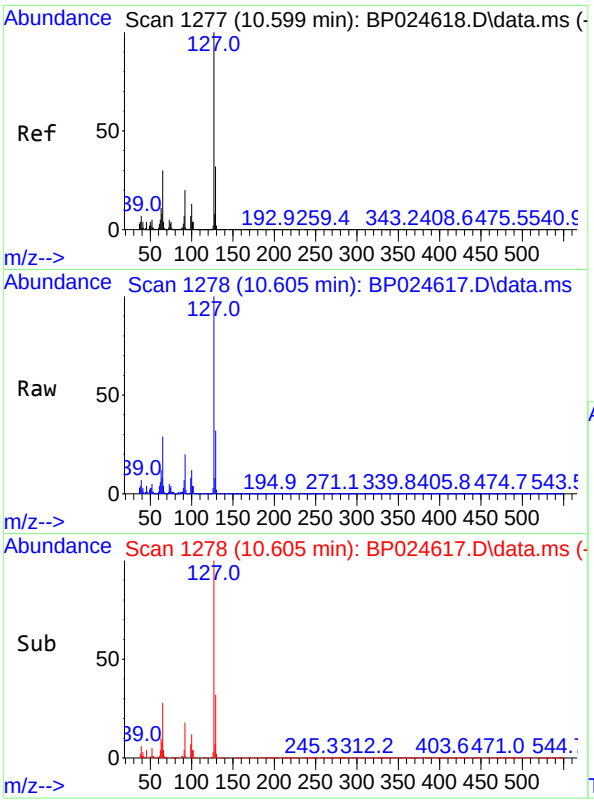


#32
Benzoic acid
Concen: 18.73 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:122 Resp: 71538

Ion	Ratio	Lower	Upper
122	100		
105	127.1	106.9	146.9
77	91.3	75.1	115.1



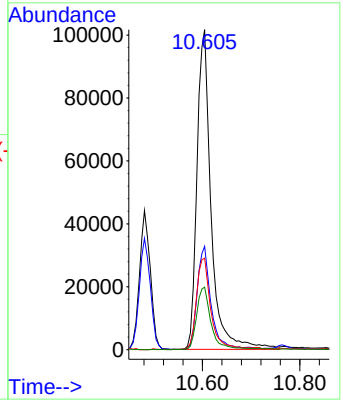


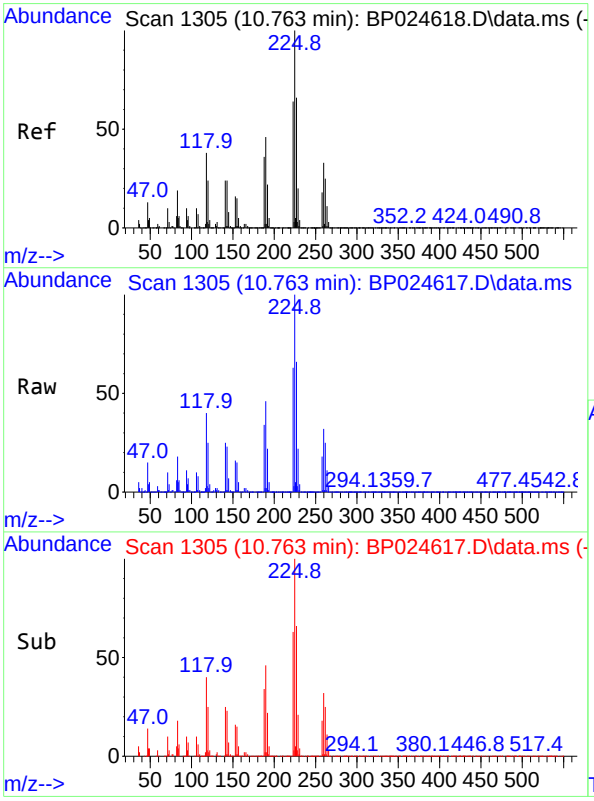
#33
4-Chloroaniline
Concen: 20.10 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 205433

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	28.6	23.9	35.9
92	19.6	16.1	24.1

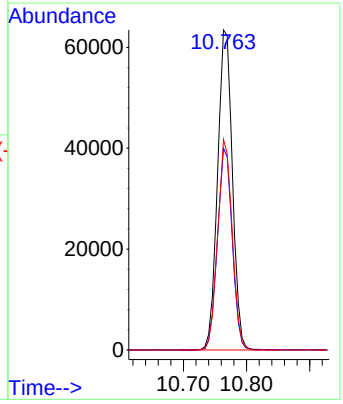


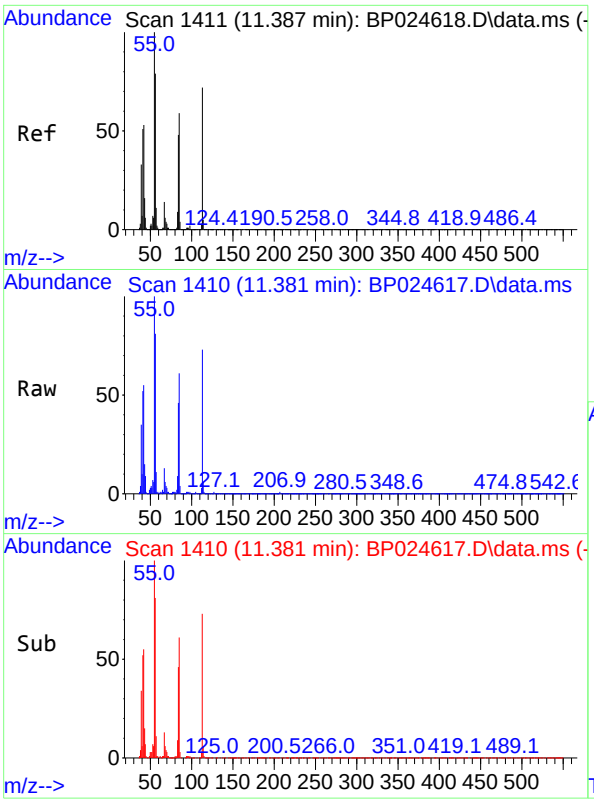


#34
Hexachlorobutadiene
Concen: 19.87 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:225 Resp: 103364

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	65.8	53.1	79.7



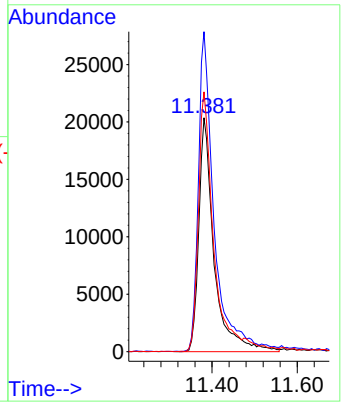


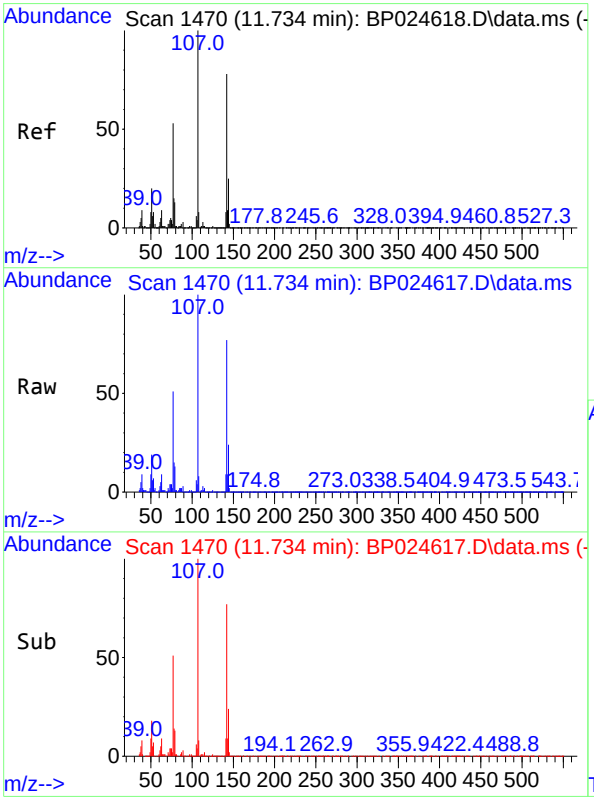
#35
Caprolactam
Concen: 19.68 ng
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 50721

Ion	Ratio	Lower	Upper
113	100		
55	136.8	119.0	159.0
56	111.1	90.3	130.3

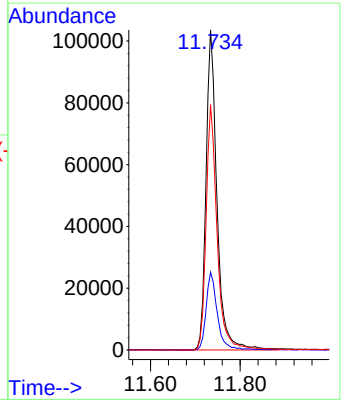


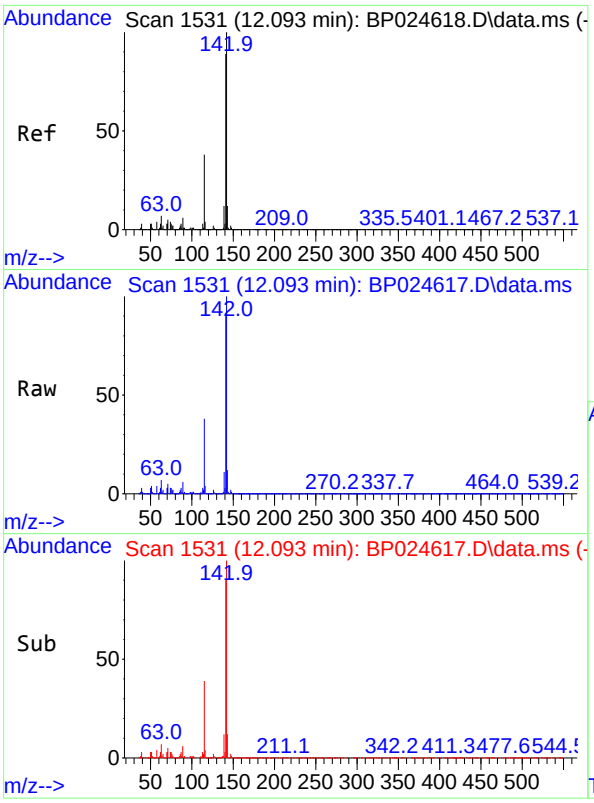


#36
4-Chloro-3-methylphenol
Concen: 20.12 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 174840

Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.1	30.1
142	76.6	62.1	93.1



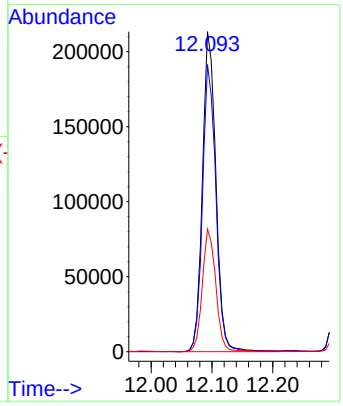


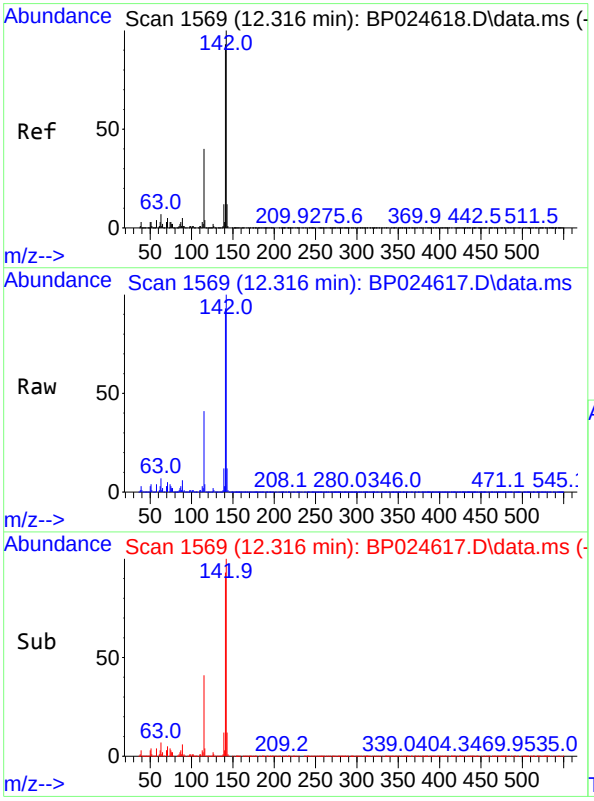
#37
2-Methylnaphthalene
Concen: 19.97 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 327447

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	38.3	30.6	46.0

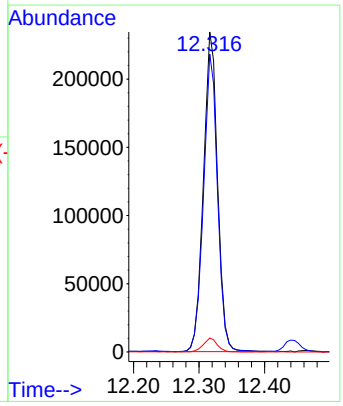


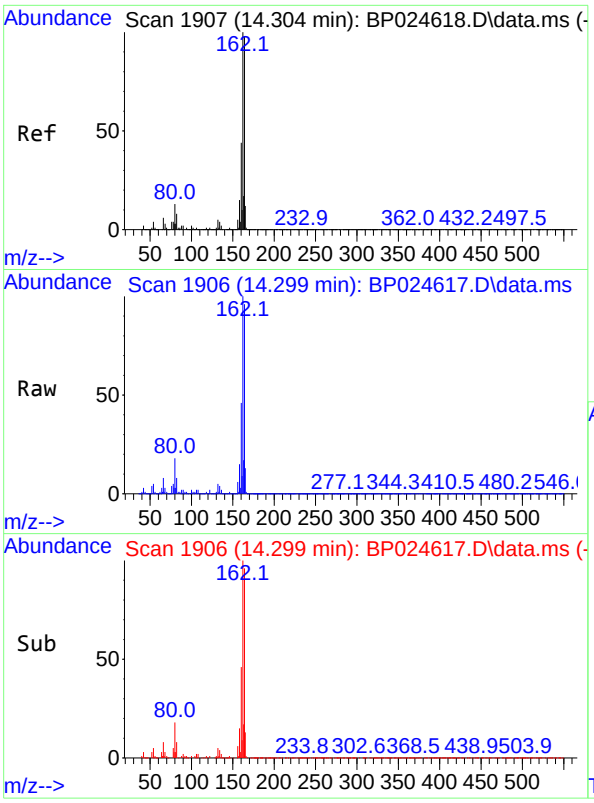


#38
1-Methylnaphthalene
Concen: 20.07 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:142 Resp: 352091

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.4	3.4	5.2



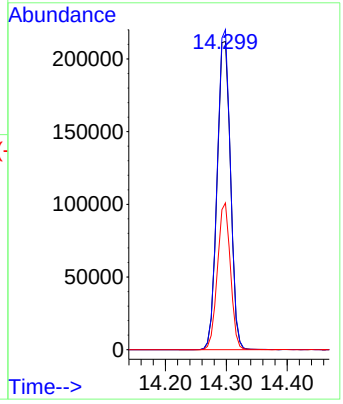


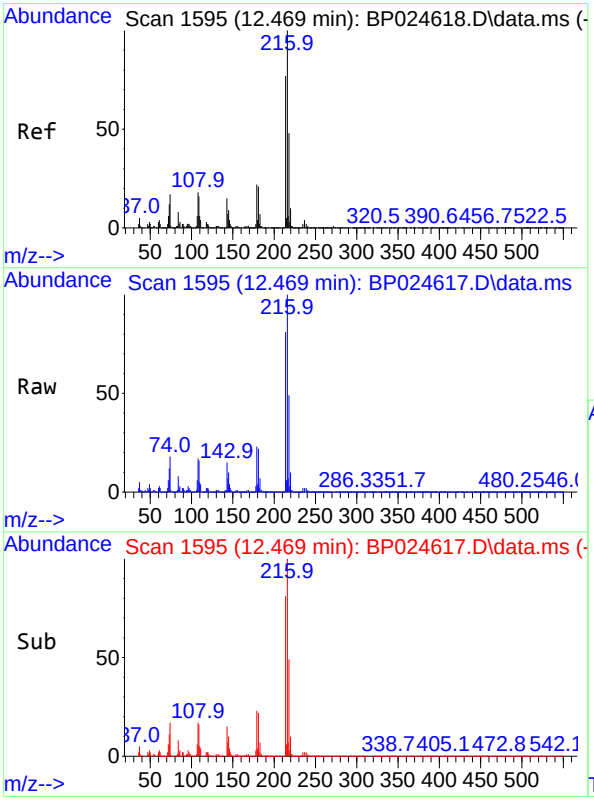
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 323928

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	47.6	36.3	54.5

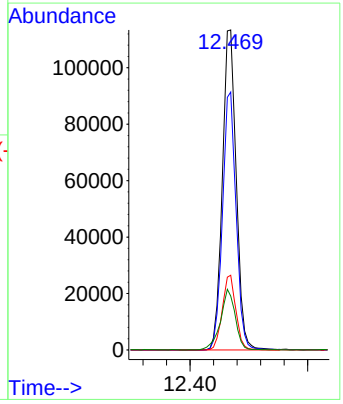


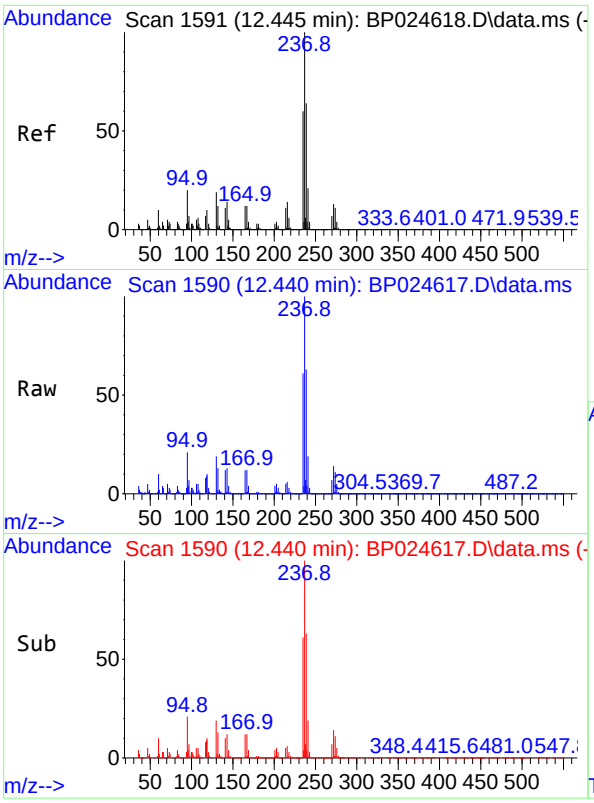


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.77 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:216 Resp: 185982

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.3	93.5
179	22.9	17.7	26.5
108	20.2	16.0	24.0



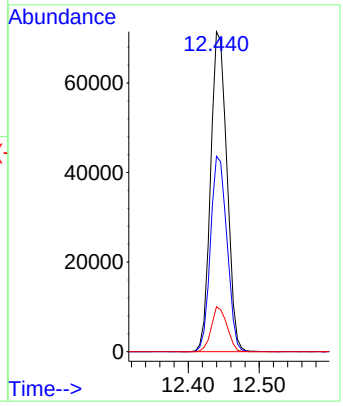


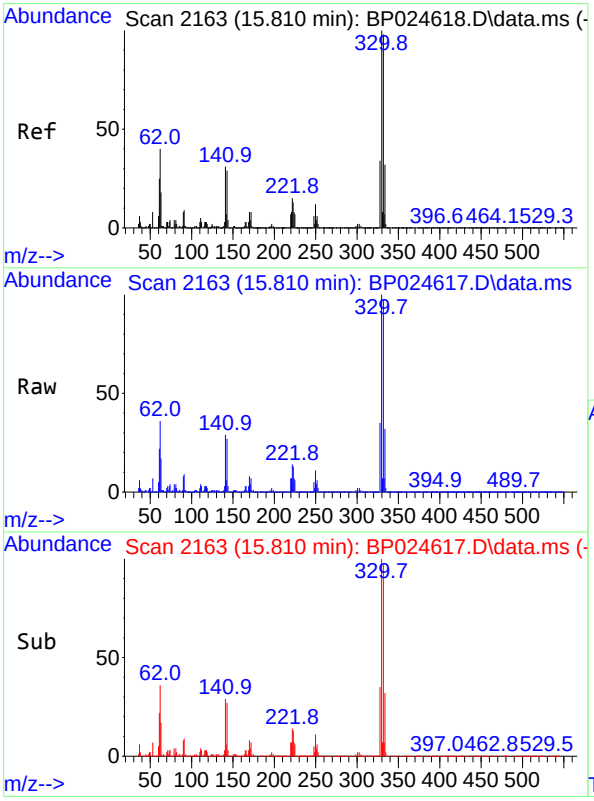
#41
Hexachlorocyclopentadiene
Concen: 19.90 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 113499

Ion	Ratio	Lower	Upper
237	100		
235	61.1	39.9	79.9
272	14.0	0.0	33.2

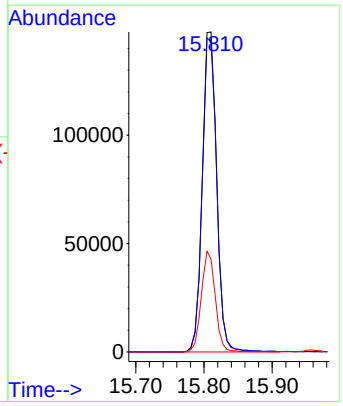


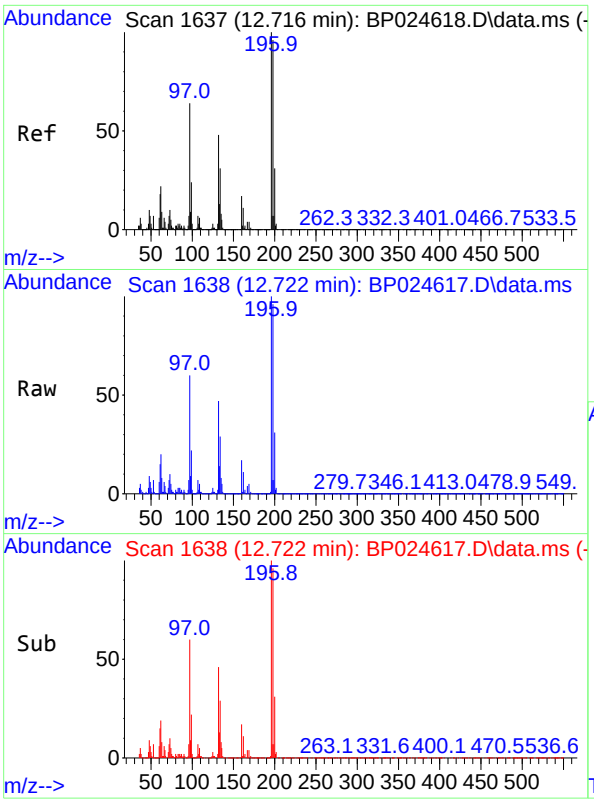


#42
2,4,6-Tribromophenol
Concen: 39.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:330 Resp: 217092

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	30.5	24.3	36.5



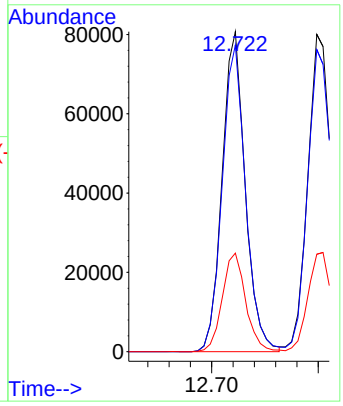


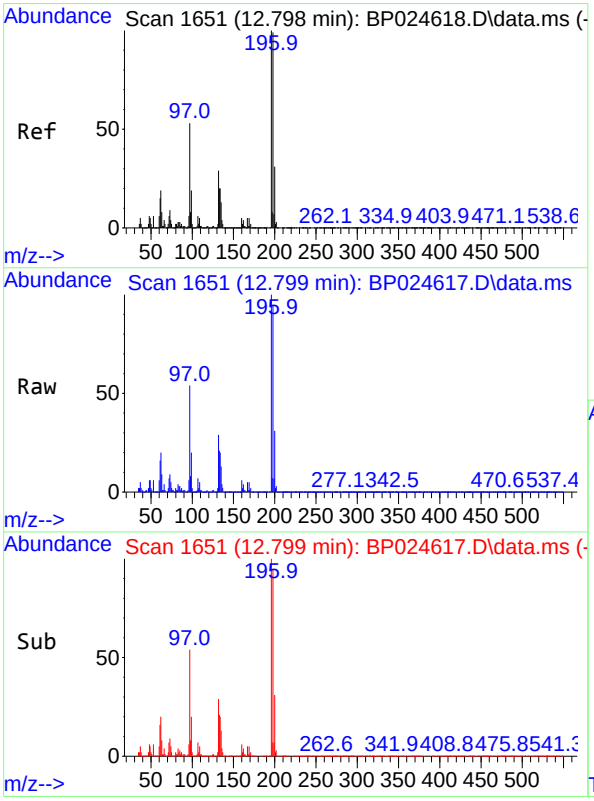
#43
2,4,6-Trichlorophenol
Concen: 19.95 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 121520

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.9	115.3
200	30.8	25.2	37.8

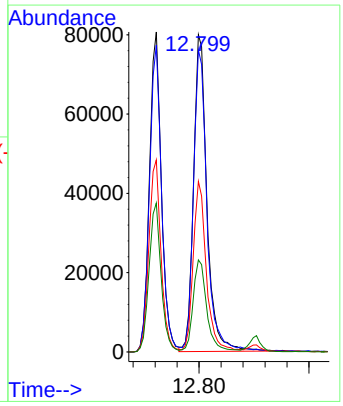


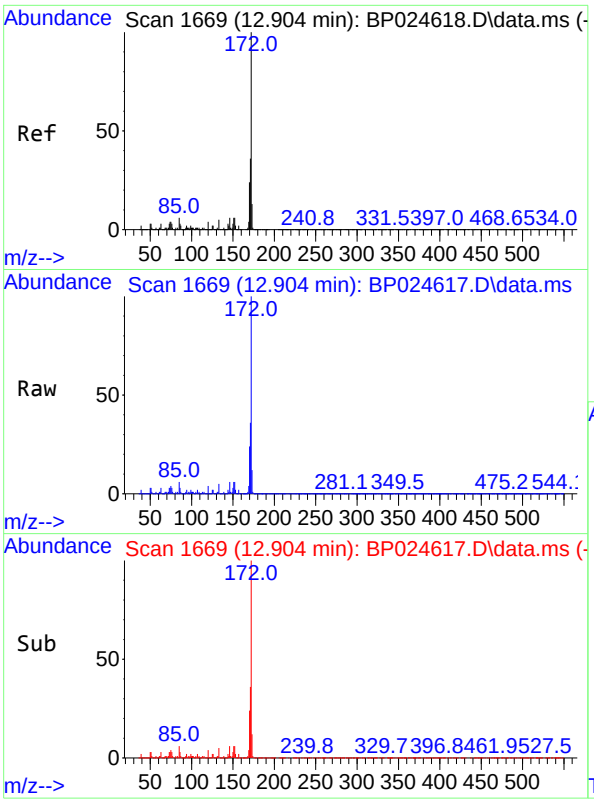


#44
2,4,5-Trichlorophenol
Concen: 19.95 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:196 Resp: 135306

Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.2	118.8
97	53.8	42.3	63.5
132	29.0	23.3	34.9



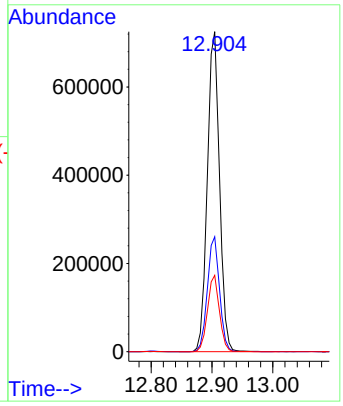


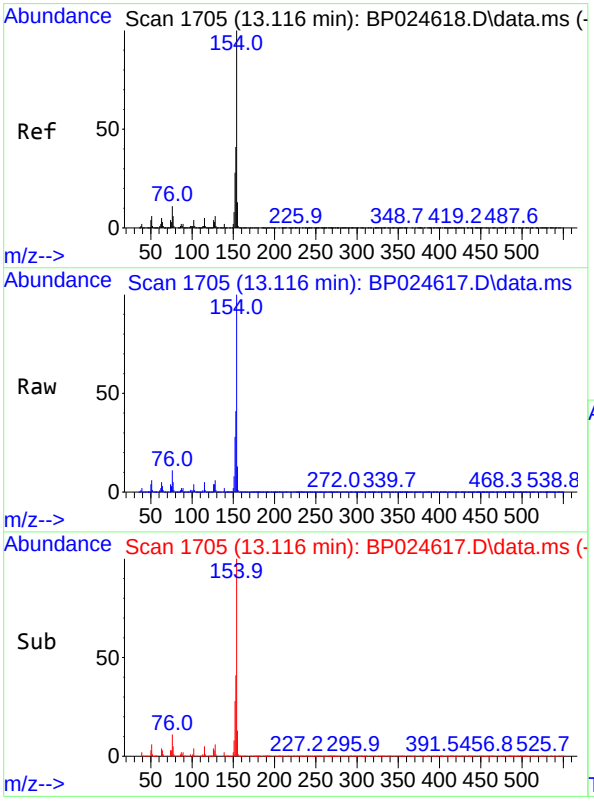
#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 1006150

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.8	18.8	28.2

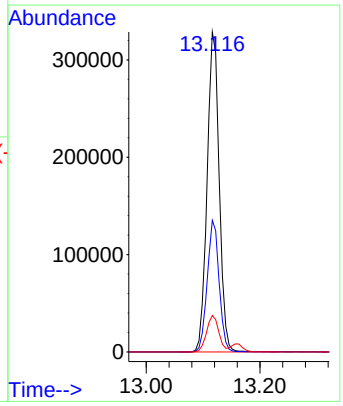


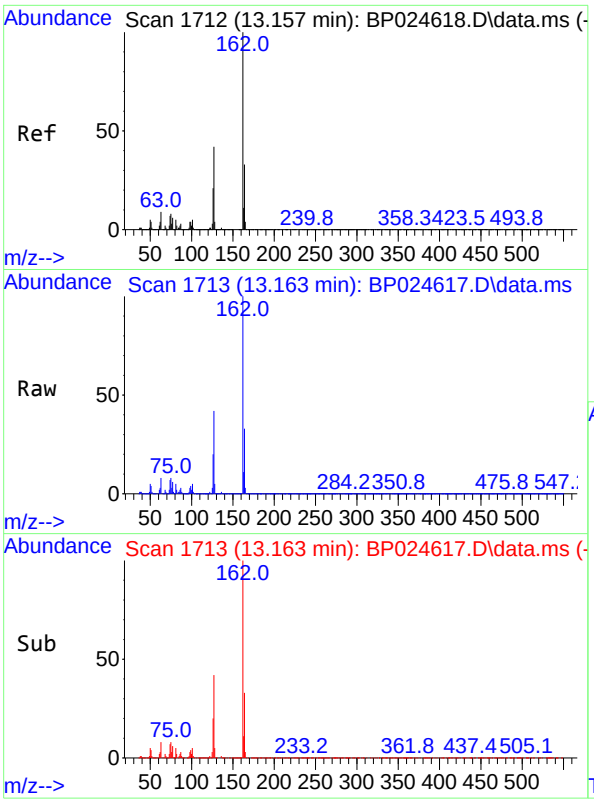


#46
1,1'-Biphenyl
Concen: 20.19 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 483352

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.4	0.0	31.5



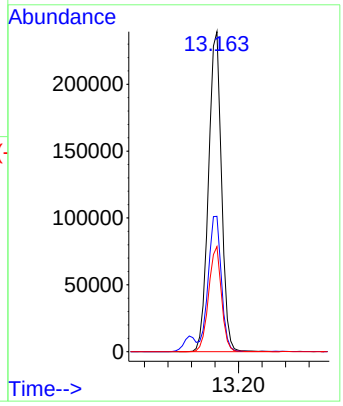


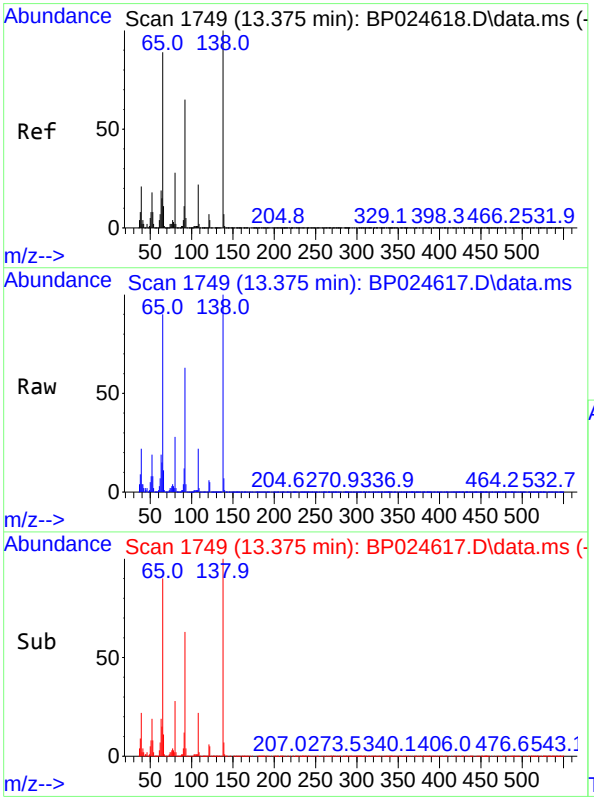
#47
2-Chloronaphthalene
Concen: 20.06 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 366247

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.8	50.6
164	32.8	26.0	39.0

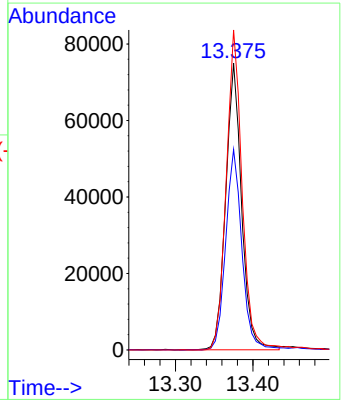


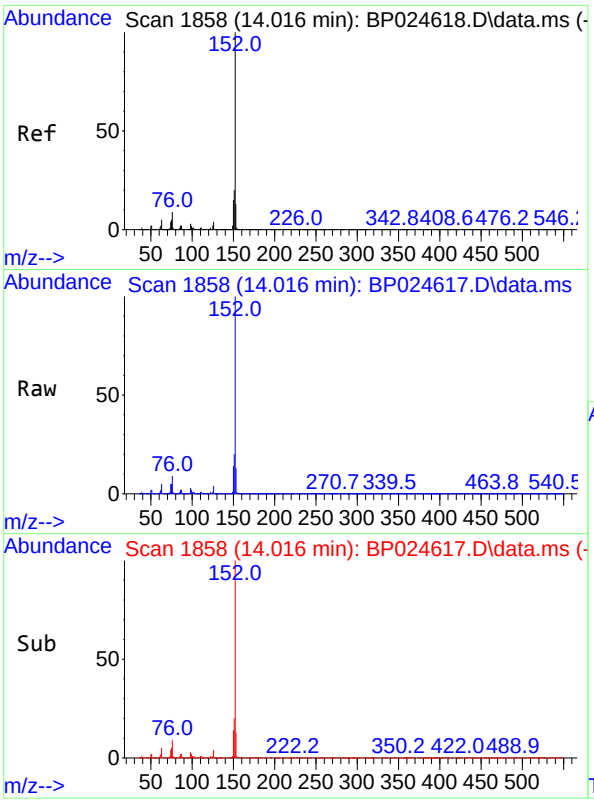


#48
2-Nitroaniline
Concen: 19.81 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 65 Resp: 107062

Ion	Ratio	Lower	Upper
65	100		
92	69.8	58.7	88.1
138	111.5	90.2	135.2



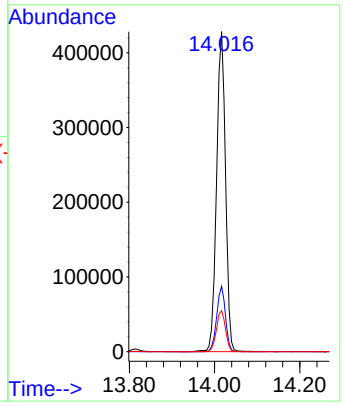


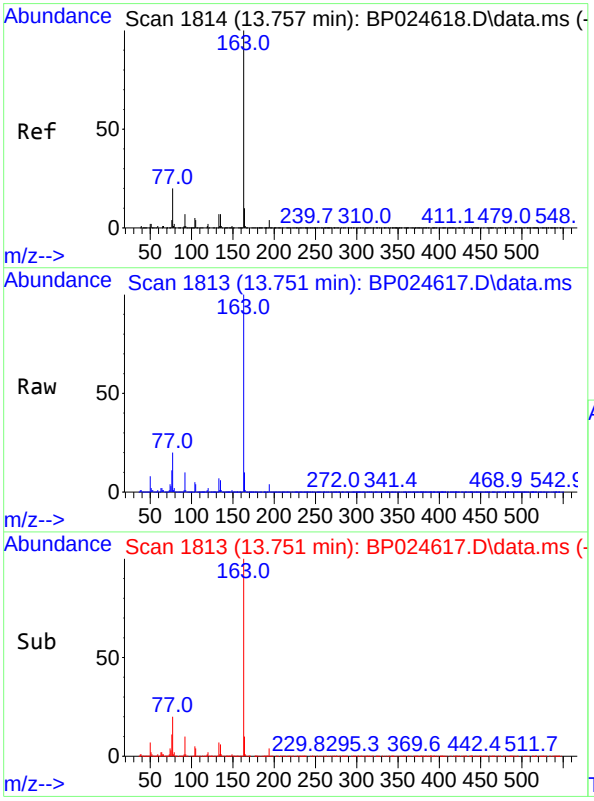
#49
Acenaphthylene
Concen: 20.36 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 621997

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	12.8	10.2	15.4

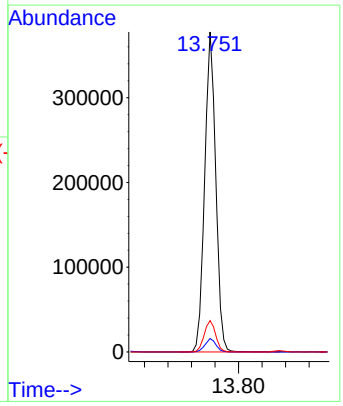


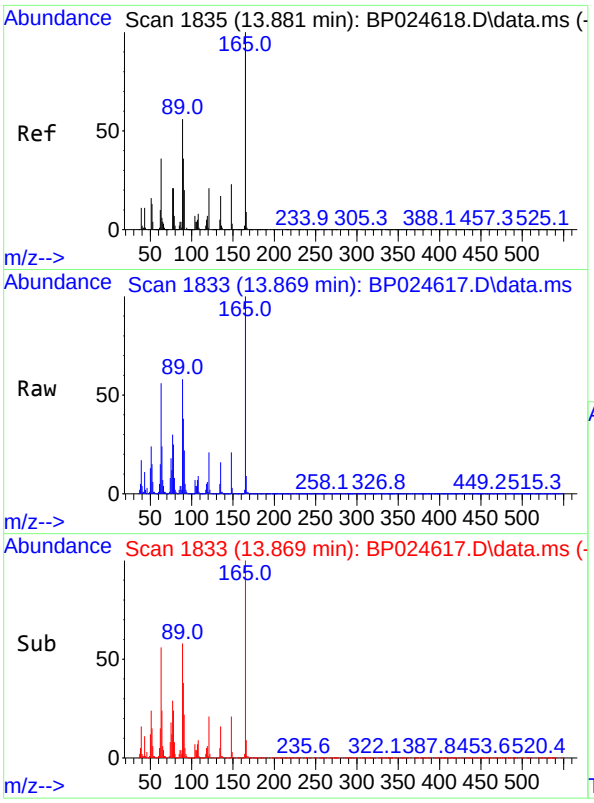


#50
Dimethylphthalate
Concen: 19.91 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:163 Resp: 491623

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.8	8.1	12.1



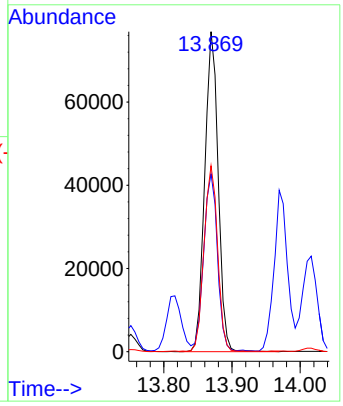


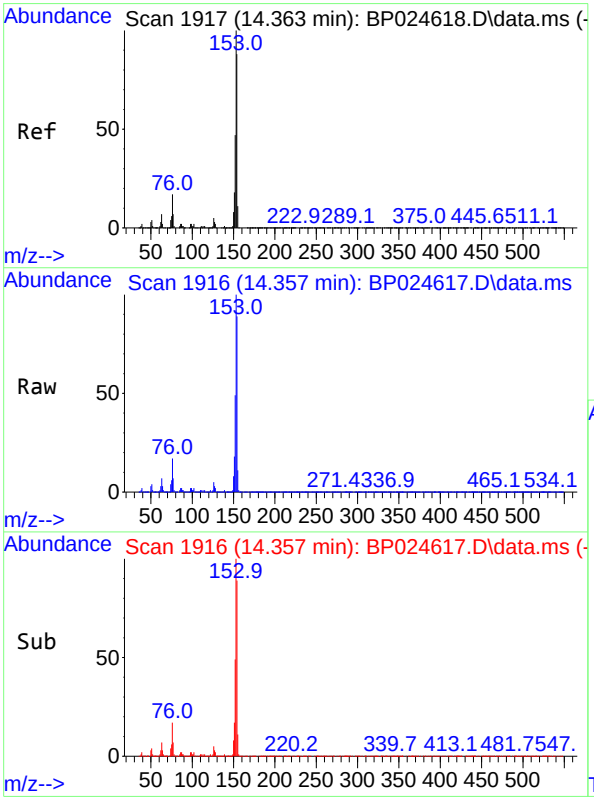
#51
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 105479

Ion	Ratio	Lower	Upper
165	100		
63	55.6	42.4	63.6
89	58.1	44.8	67.2

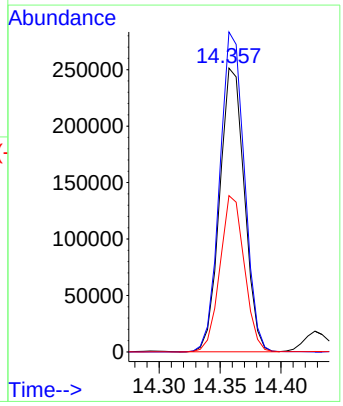


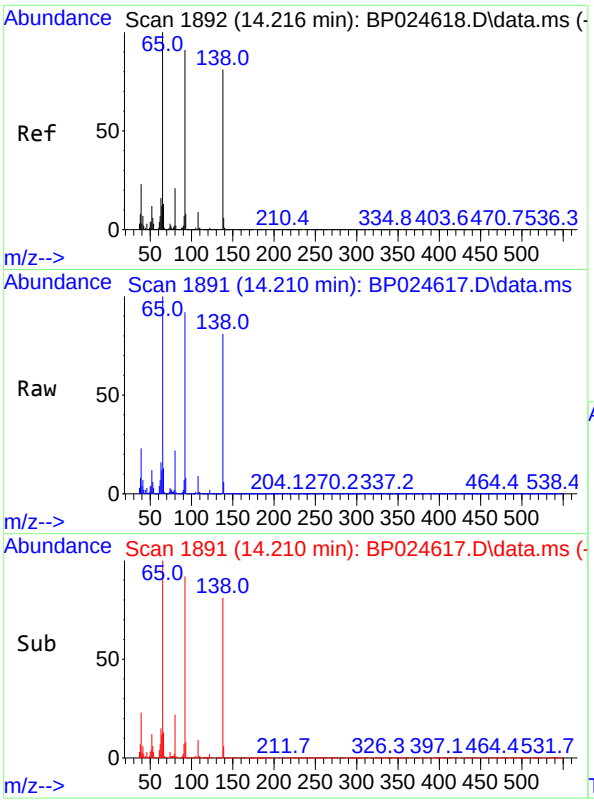


#52
Acenaphthene
Concen: 20.19 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 354519

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	55.1	42.9	64.3



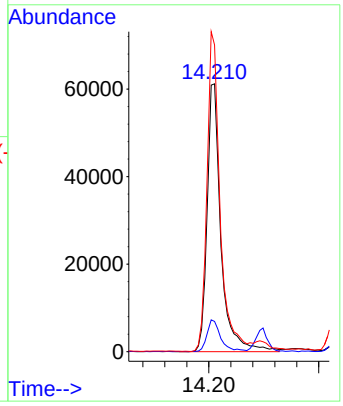


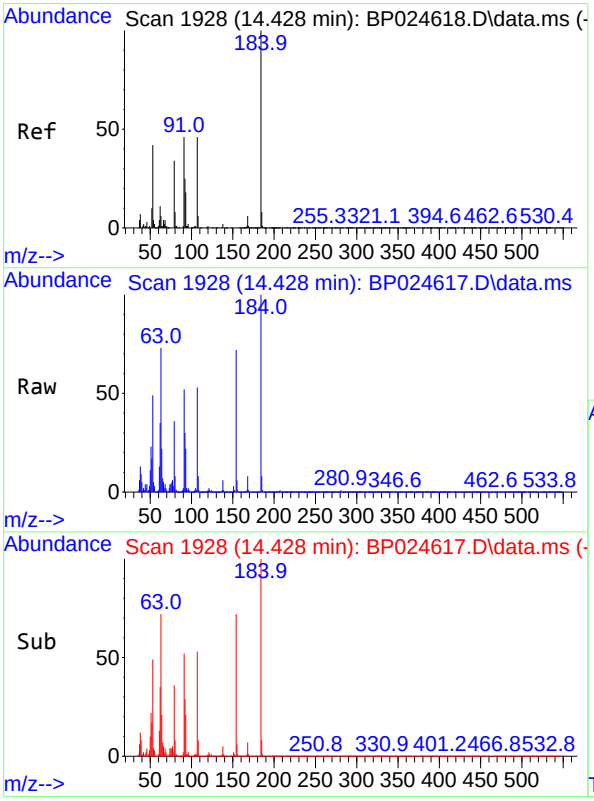
#53
3-Nitroaniline
Concen: 20.01 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 106527

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	114.5	90.1	135.1

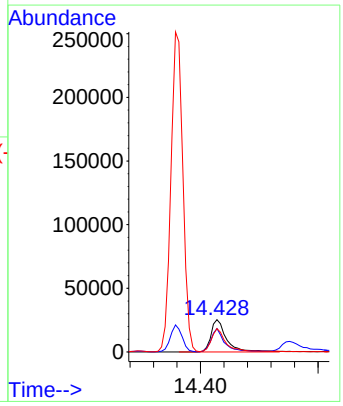


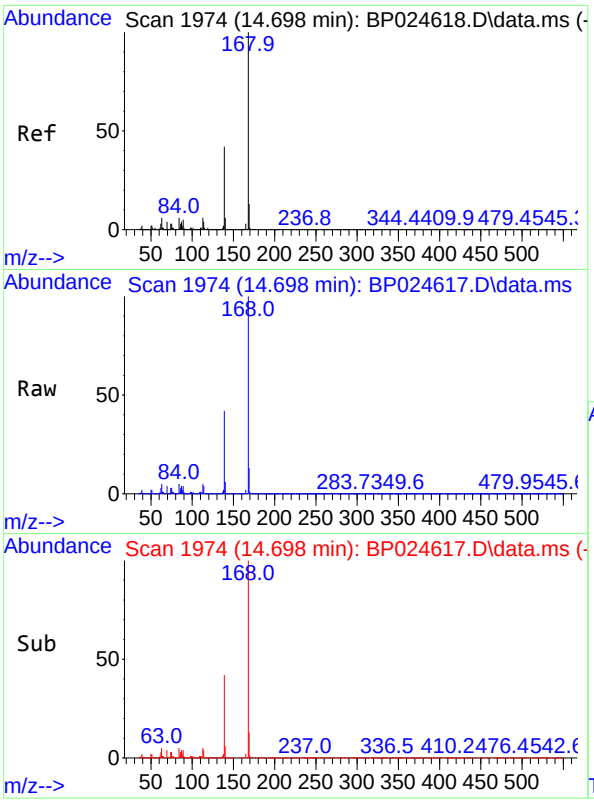


#54
2,4-Dinitrophenol
Concen: 19.37 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:184 Resp: 46351

Ion	Ratio	Lower	Upper
184	100		
63	72.5	51.3	76.9
154	72.4	53.5	80.3



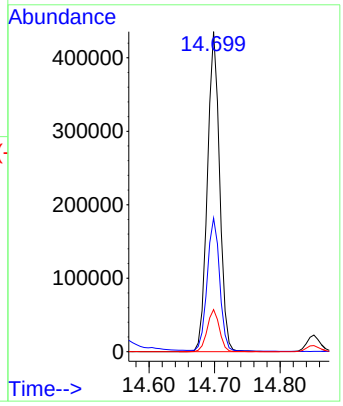


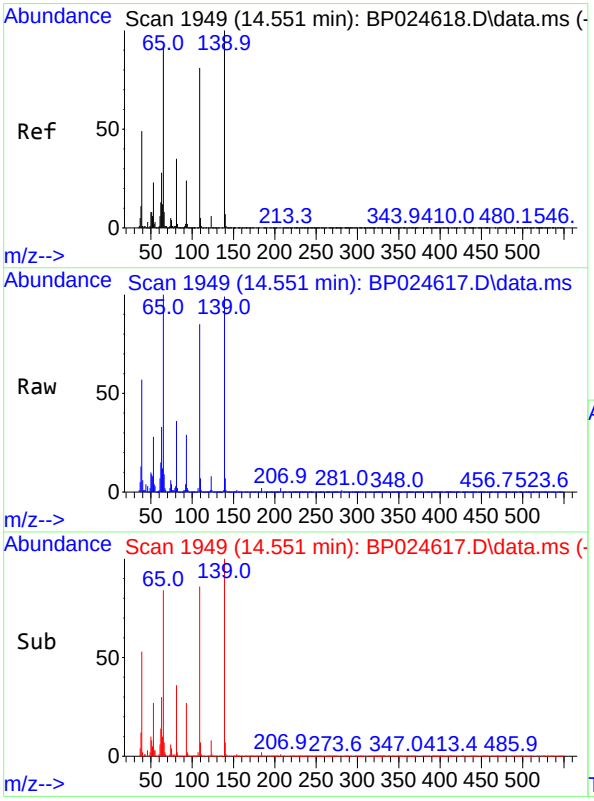
#55
Dibenzofuran
Concen: 20.12 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 563719

Ion	Ratio	Lower	Upper
168	100		
139	41.8	34.2	51.4
169	13.1	10.8	16.2

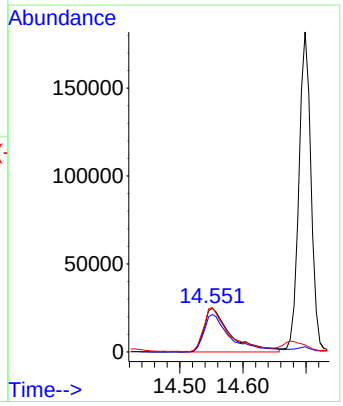


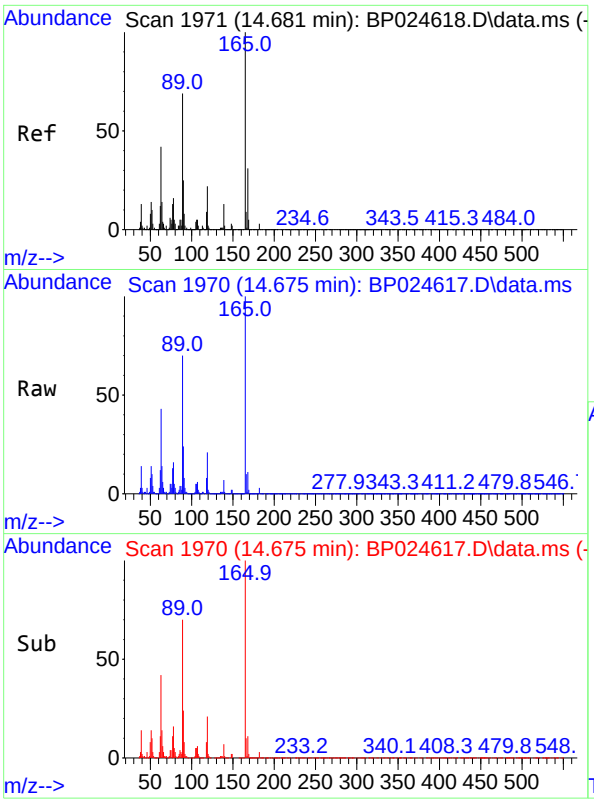


#56
4-Nitrophenol
Concen: 19.02 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:139 Resp: 71975

Ion	Ratio	Lower	Upper
139	100		
109	85.7	61.4	101.4
65	101.4	72.2	112.2



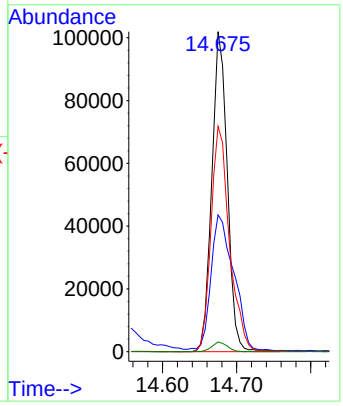


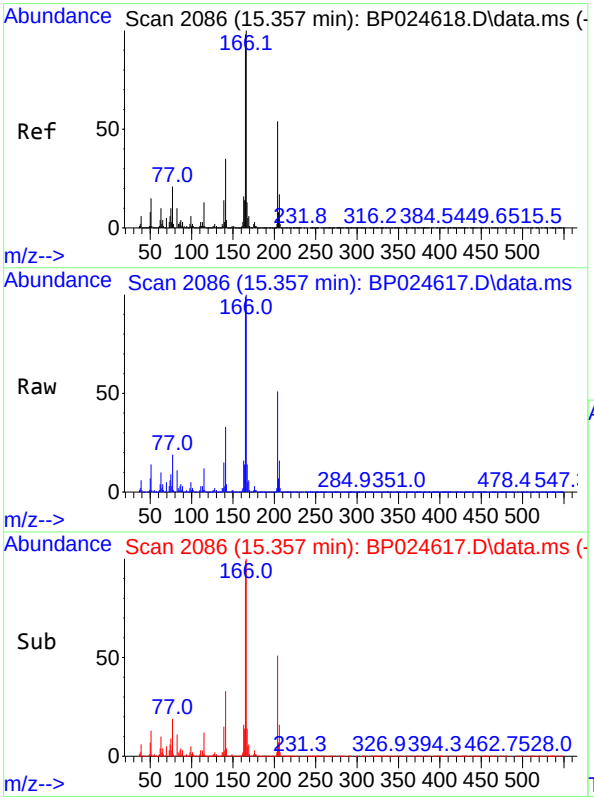
#57
2,4-Dinitrotoluene
Concen: 20.09 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 147676

Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.8	50.6
89	70.4	55.6	83.4
182	3.1	2.4	3.6

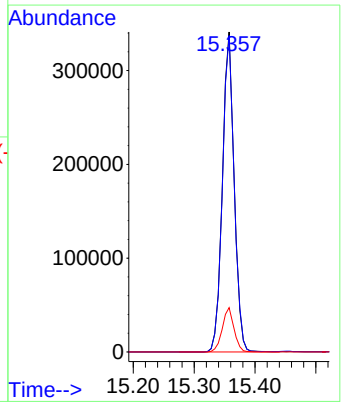


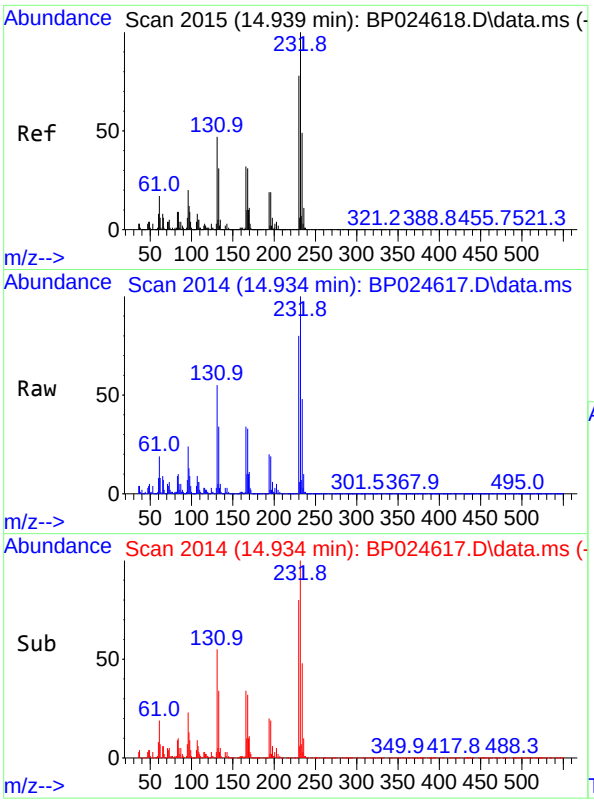


#58
Fluorene
Concen: 20.00 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:166 Resp: 456792

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	13.8	10.7	16.1



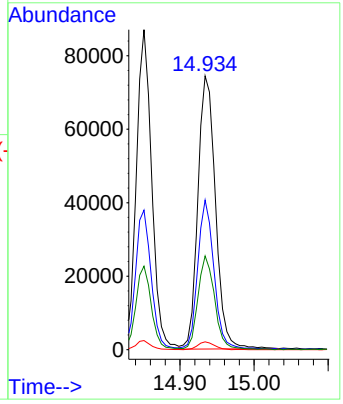


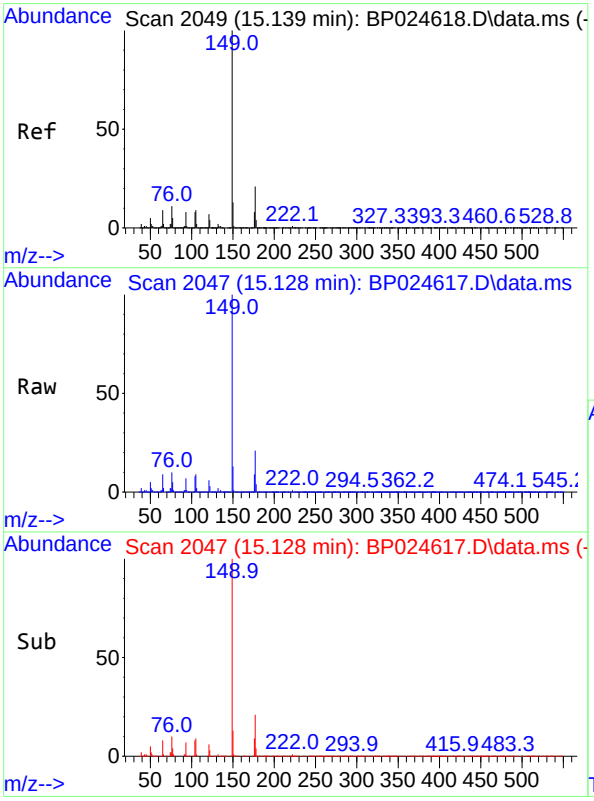
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.59 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 123265

Ion	Ratio	Lower	Upper
232	100		
131	50.2	39.5	59.3
130	2.7	2.2	3.4
166	32.0	25.7	38.5

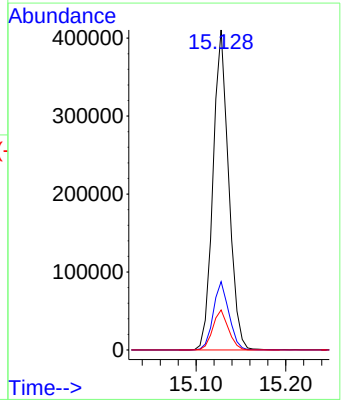


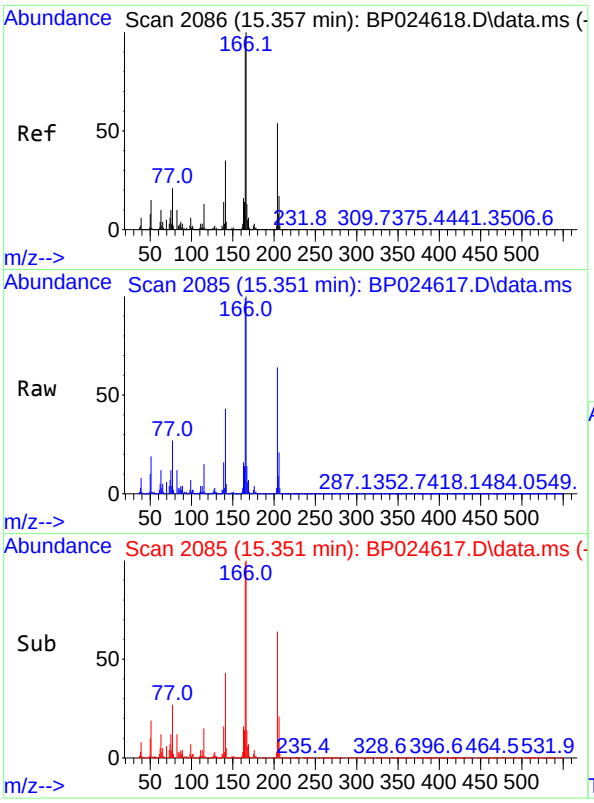


#60
Diethylphthalate
Concen: 19.95 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 497916

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.5	10.2	15.2



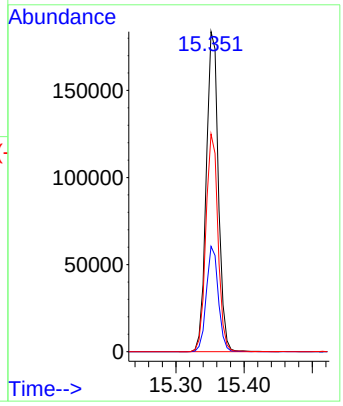


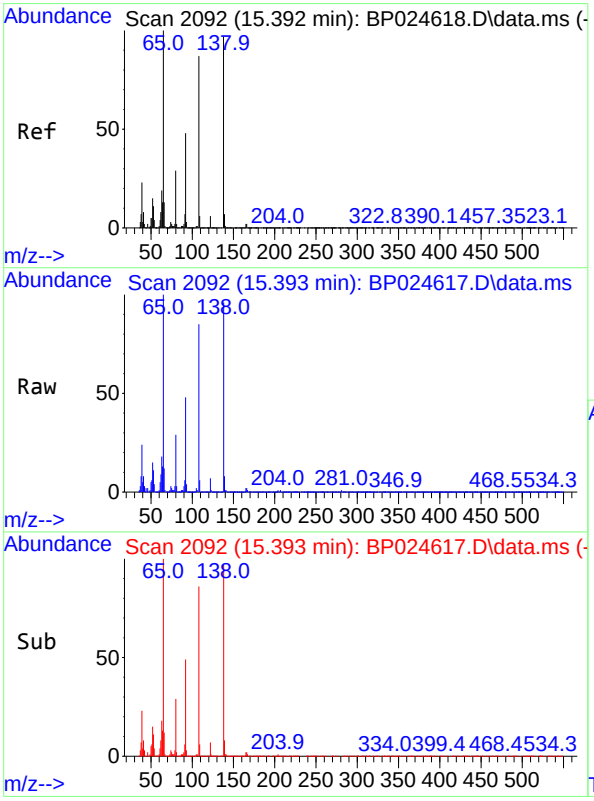
#61
4-Chlorophenyl-phenylether
Concen: 19.91 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 226790

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	68.0	52.9	79.3

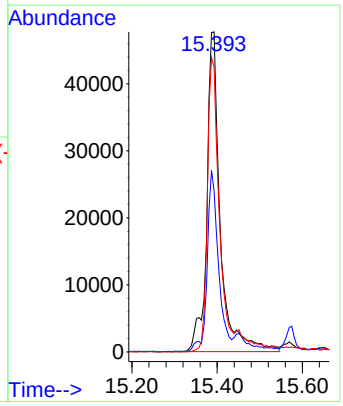


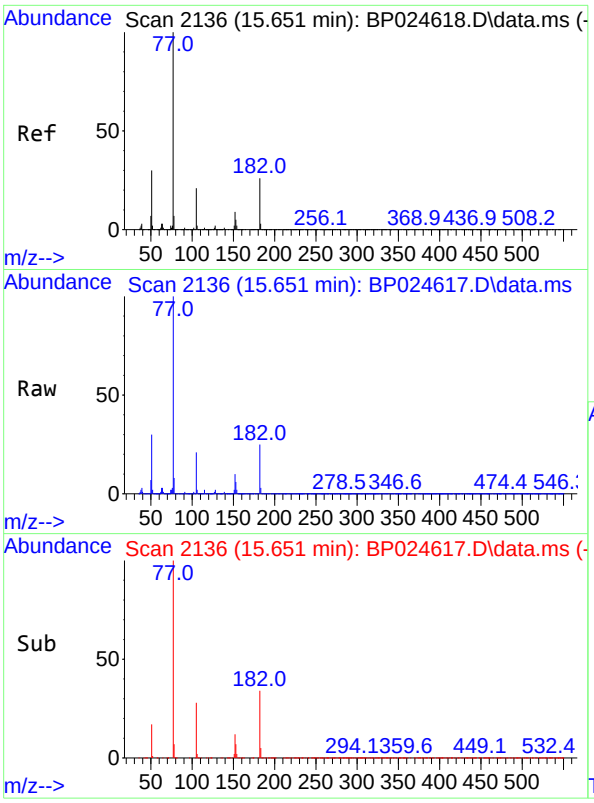


#62
4-Nitroaniline
Concen: 20.37 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:138 Resp: 105617

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.2	69.2
108	89.0	69.0	109.0



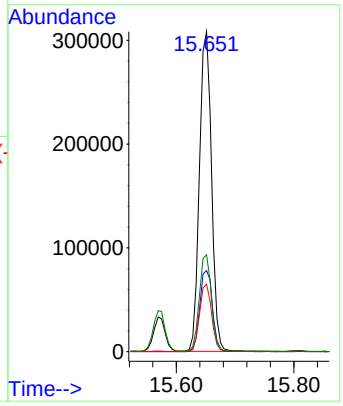


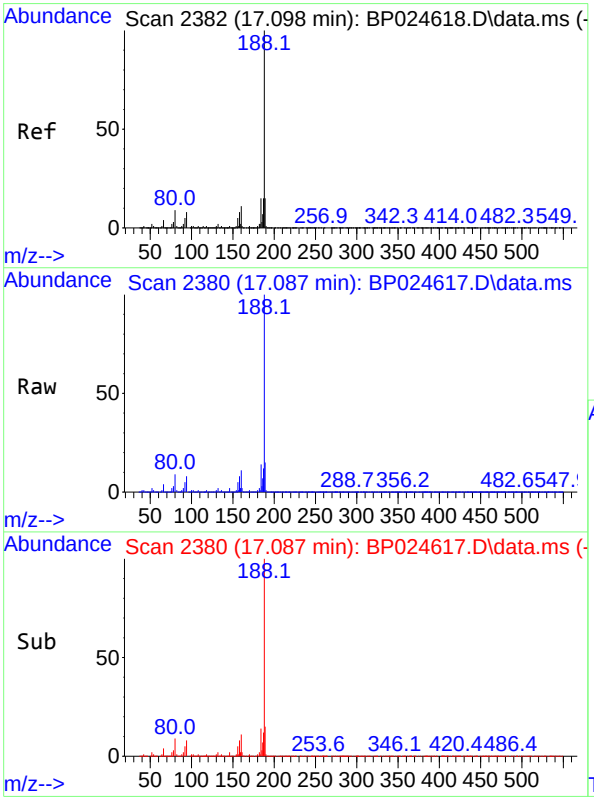
#63
Azobenzene
Concen: 20.57 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 439183

Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.7	45.7
105	21.1	1.3	41.3
51	30.3	10.6	50.6

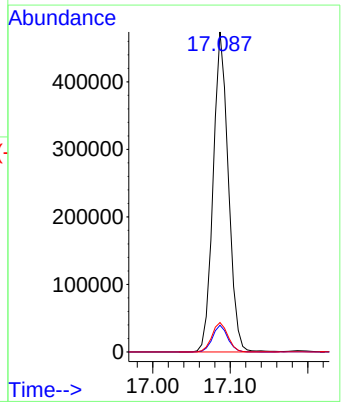


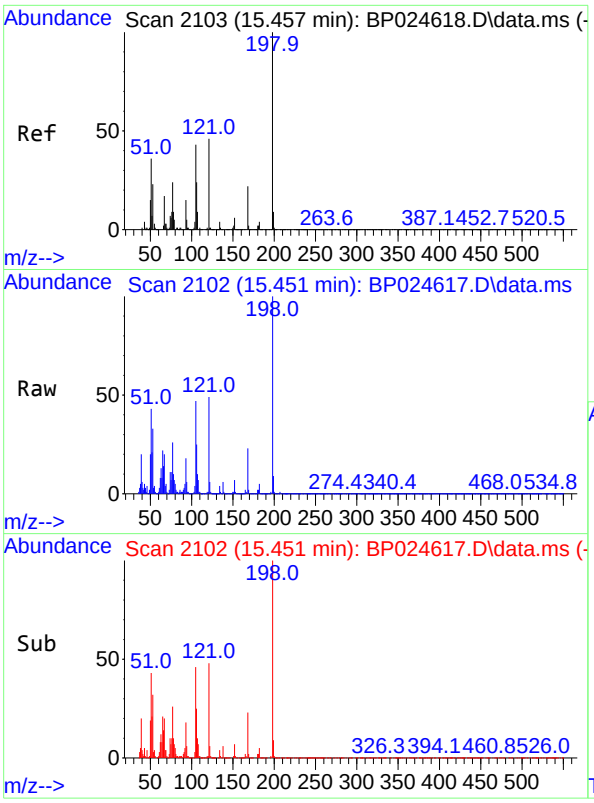


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:188 Resp: 644367

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.5	9.7
80	9.2	7.3	10.9



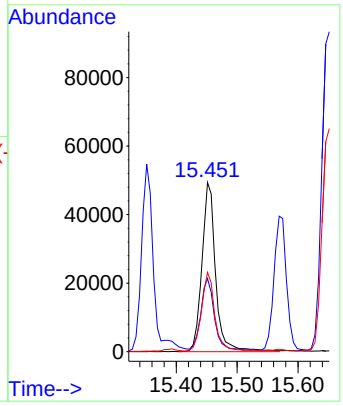


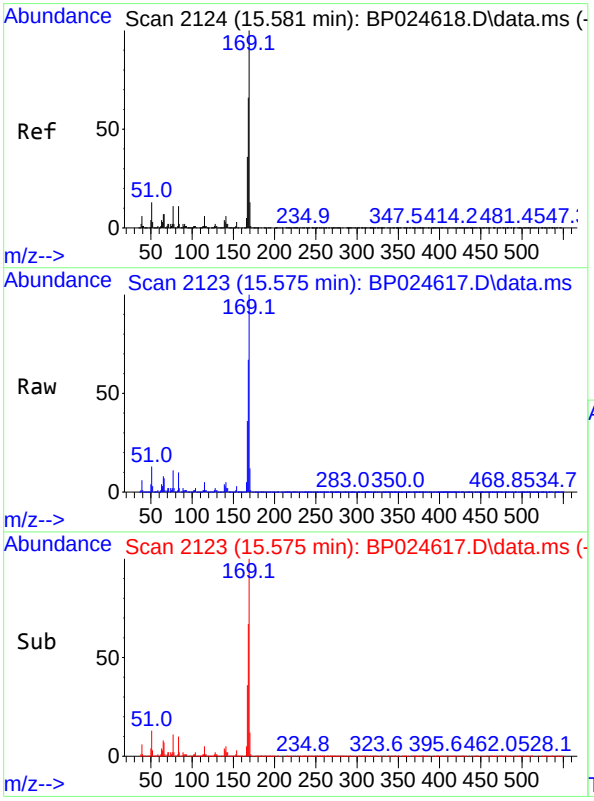
#65
4,6-Dinitro-2-methylphenol
Concen: 18.53 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 77131

Ion	Ratio	Lower	Upper
198	100		
51	43.2	21.1	61.1
105	46.8	23.6	63.6

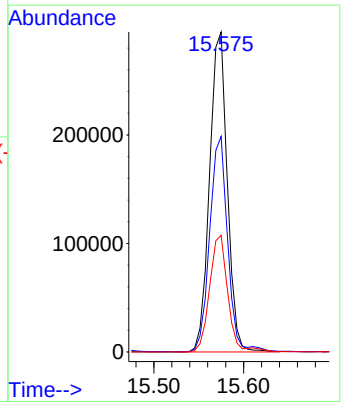


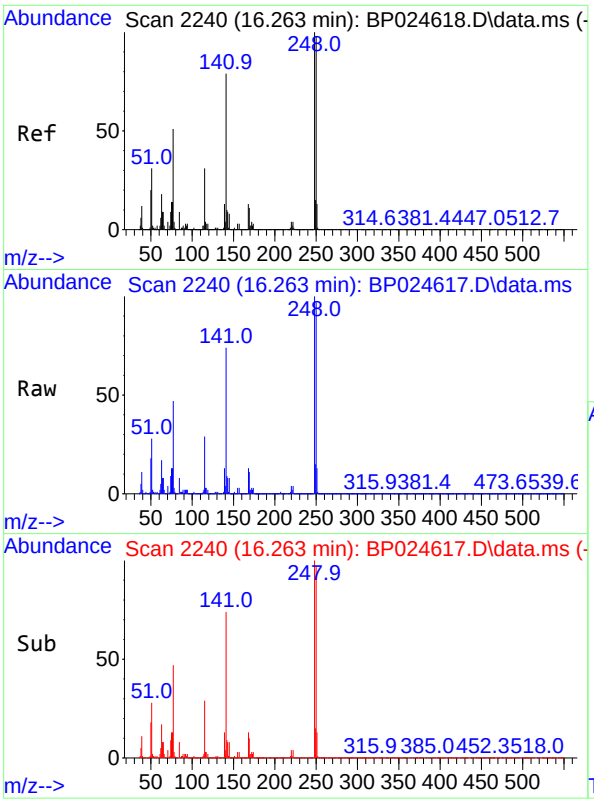


#66
n-Nitrosodiphenylamine
Concen: 20.42 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:169 Resp: 404085

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.5	28.6	43.0



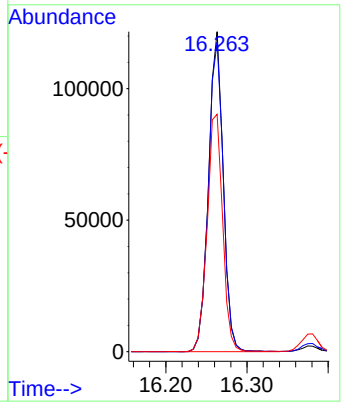


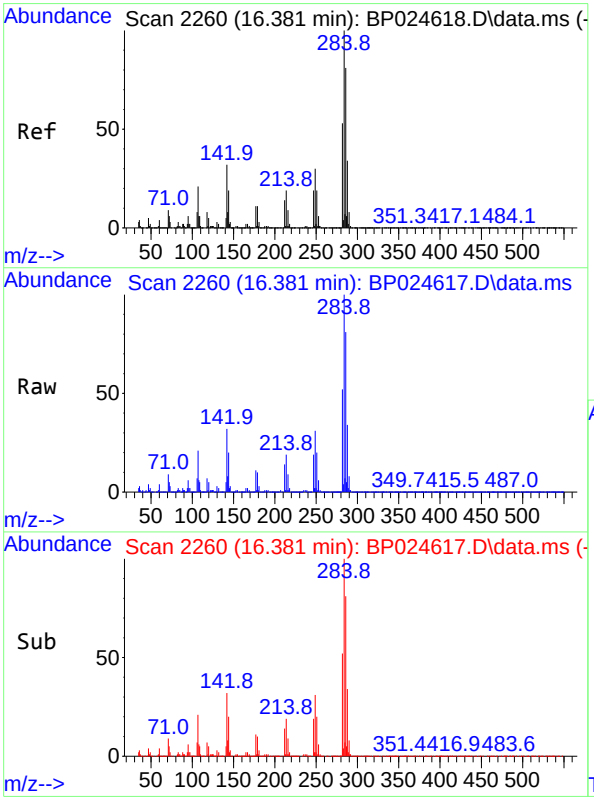
#67
4-Bromophenyl-phenylether
Concen: 20.07 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 152393

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	74.2	63.0	94.6

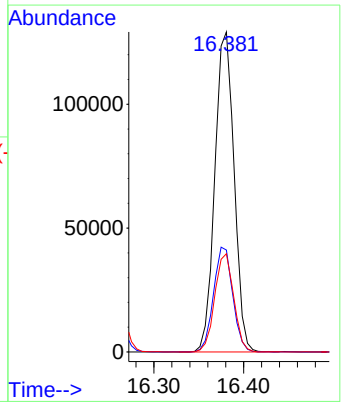


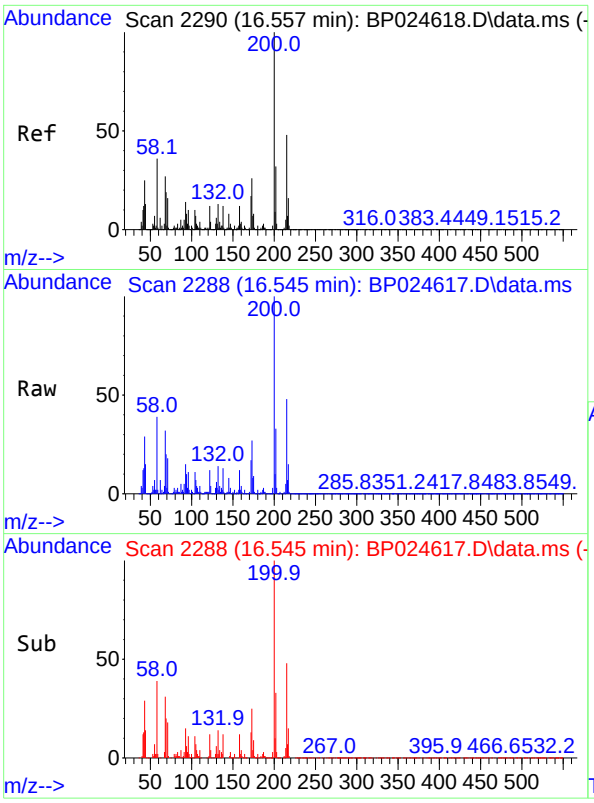


#68
Hexachlorobenzene
Concen: 19.93 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:284 Resp: 192290

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.9	38.9
249	30.7	24.1	36.1



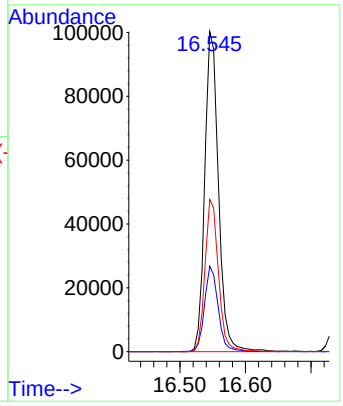


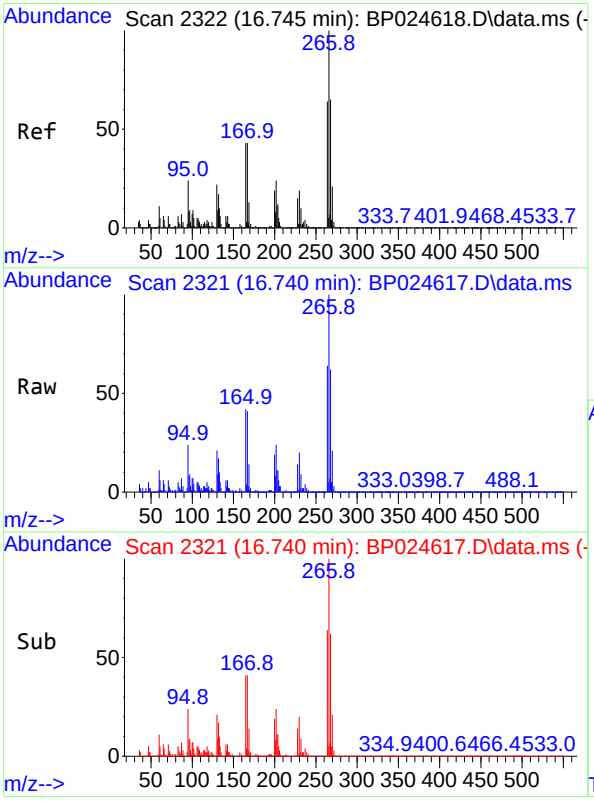
#69
Atrazine
Concen: 20.19 ng
RT: 16.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 146468

Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.9	45.9
215	47.5	28.3	68.3

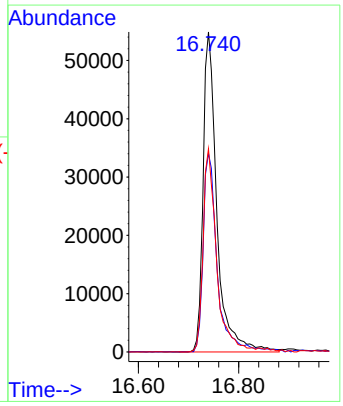


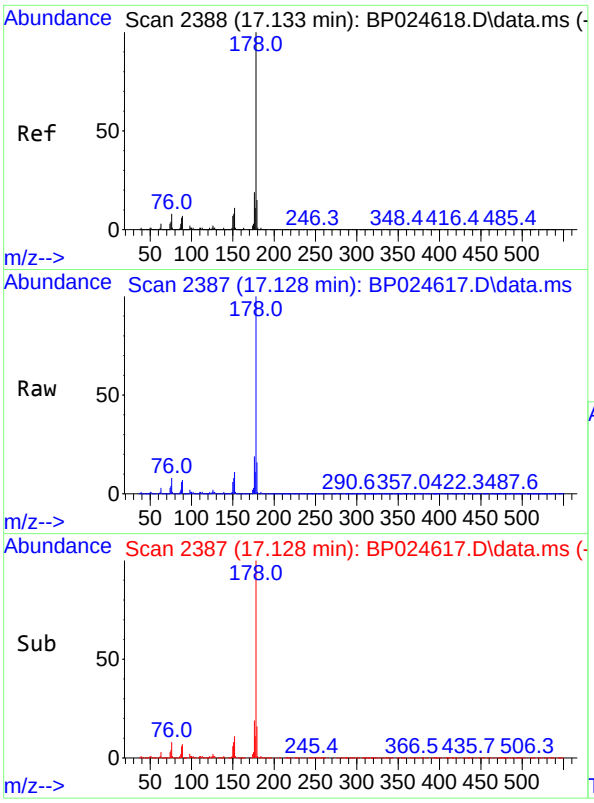


#70
Pentachlorophenol
Concen: 19.36 ng
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:266 Resp: 104916

Ion	Ratio	Lower	Upper
266	100		
268	62.1	52.2	78.4
264	63.5	51.1	76.7



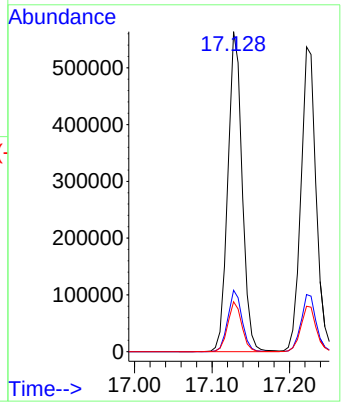


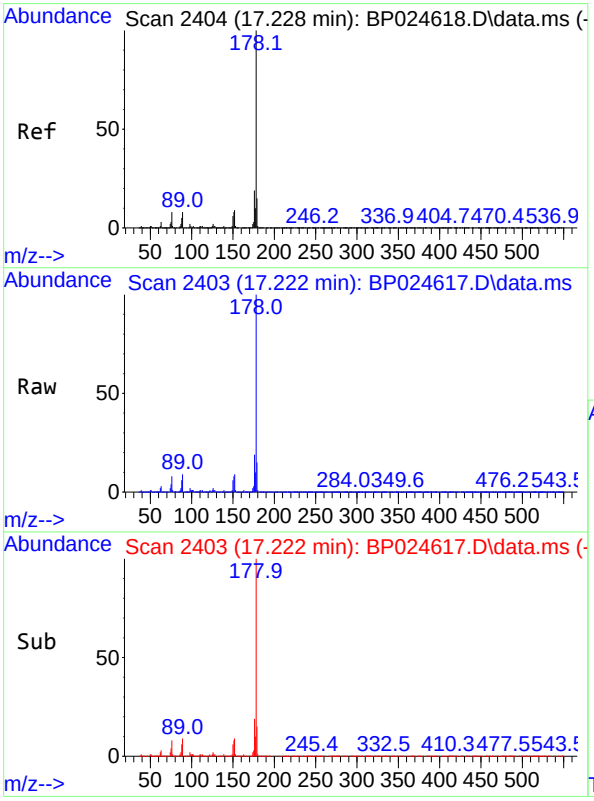
#71
Phenanthrene
Concen: 20.24 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 724922

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.2	18.4

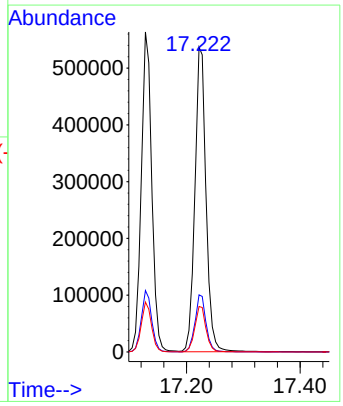


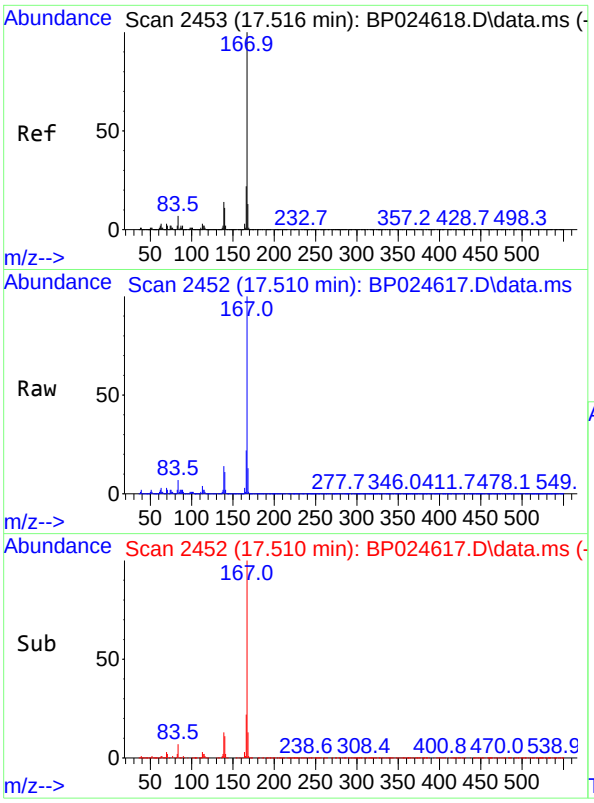


#72
Anthracene
Concen: 20.42 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:178 Resp: 735787

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.9	12.2	18.2



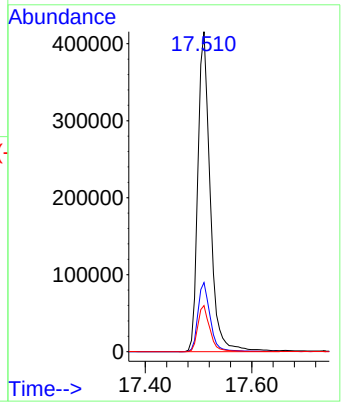


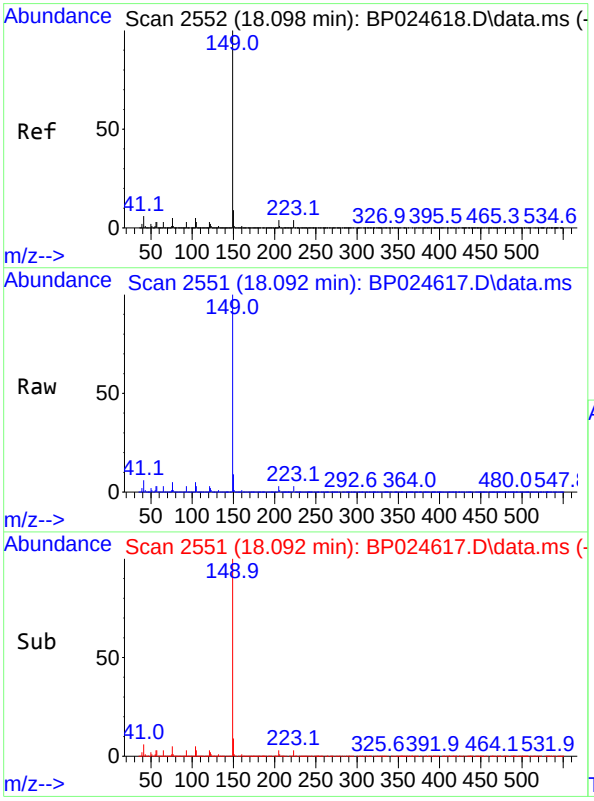
#73
Carbazole
Concen: 20.53 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 669730

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	14.4	11.3	16.9

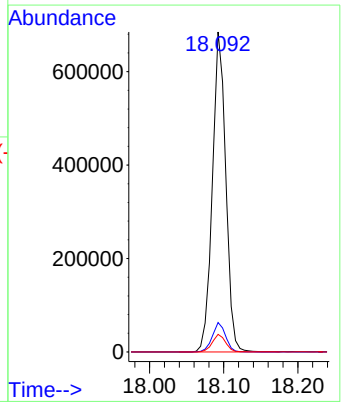


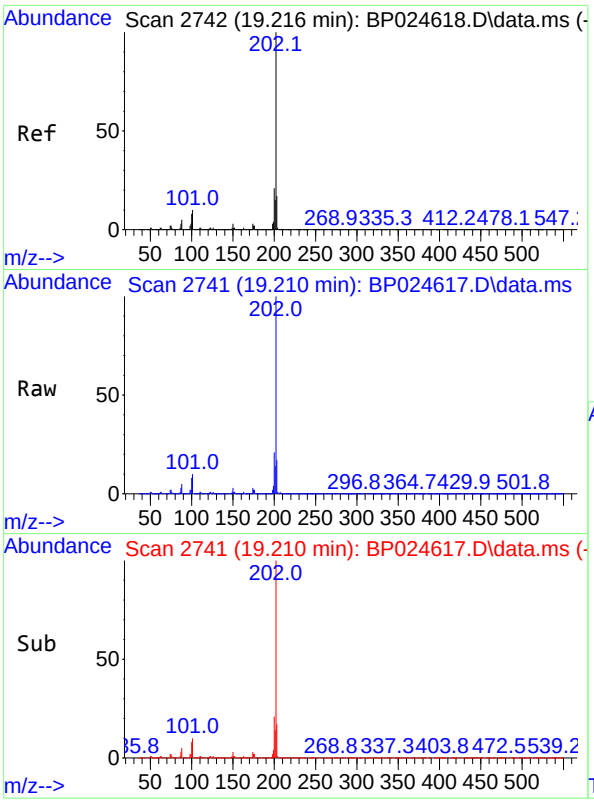


#74
Di-n-butylphthalate
Concen: 20.46 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 858522

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.5	4.3	6.5



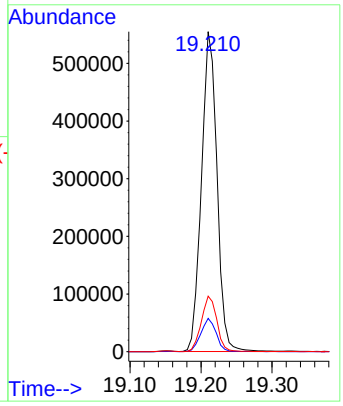


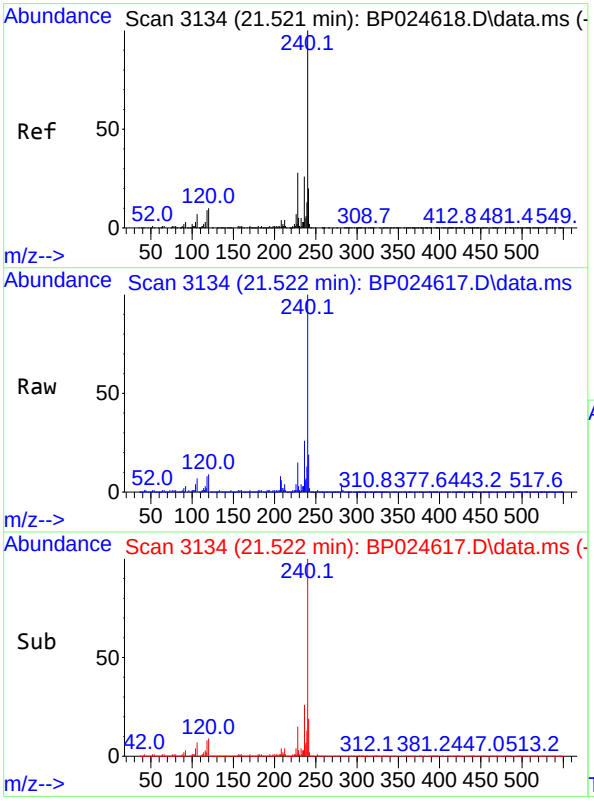
#75
Fluoranthene
Concen: 20.22 ng
RT: 19.210 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 846684

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	17.3	0.0	37.5

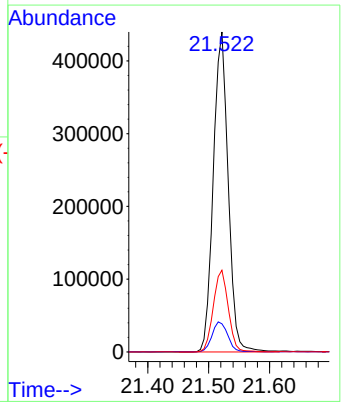


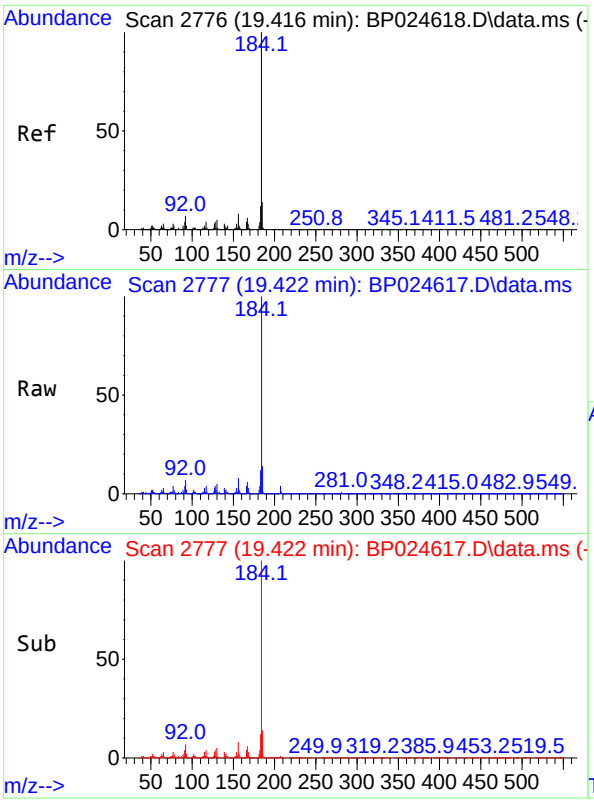


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:240 Resp: 745224

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.6
236	25.5	20.6	31.0



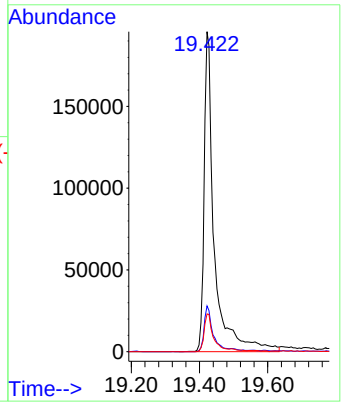


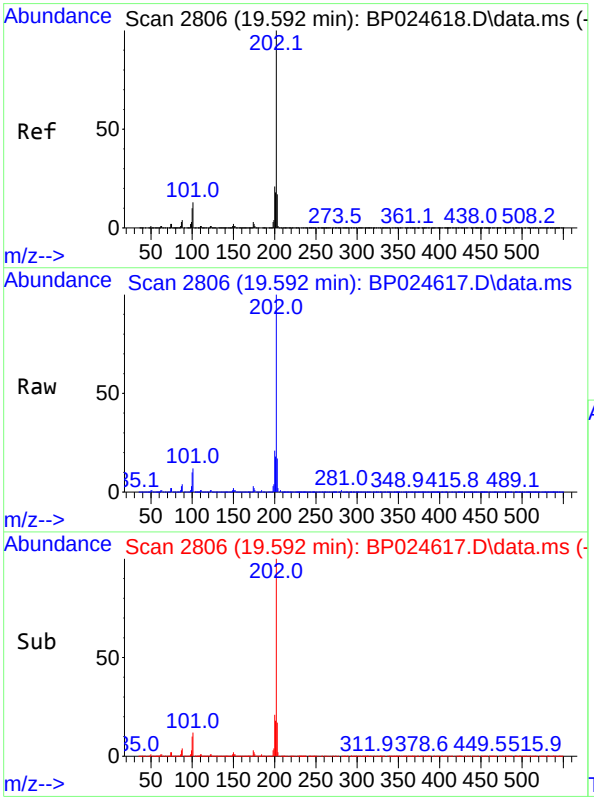
#77
Benzidine
Concen: 19.79 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 404890

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.2	16.8
183	11.8	9.8	14.8

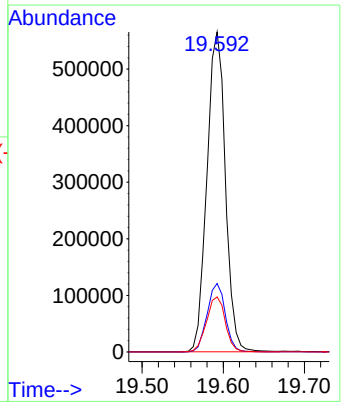


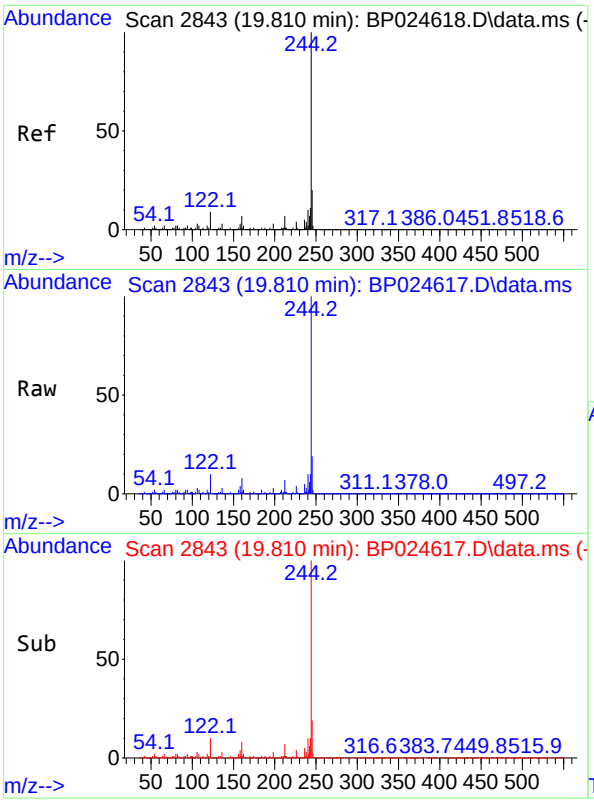


#78
Pyrene
Concen: 19.98 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:202 Resp: 892037

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.2	13.9	20.9



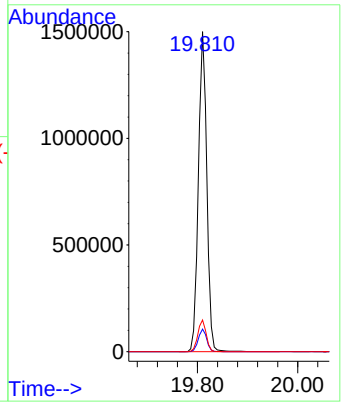


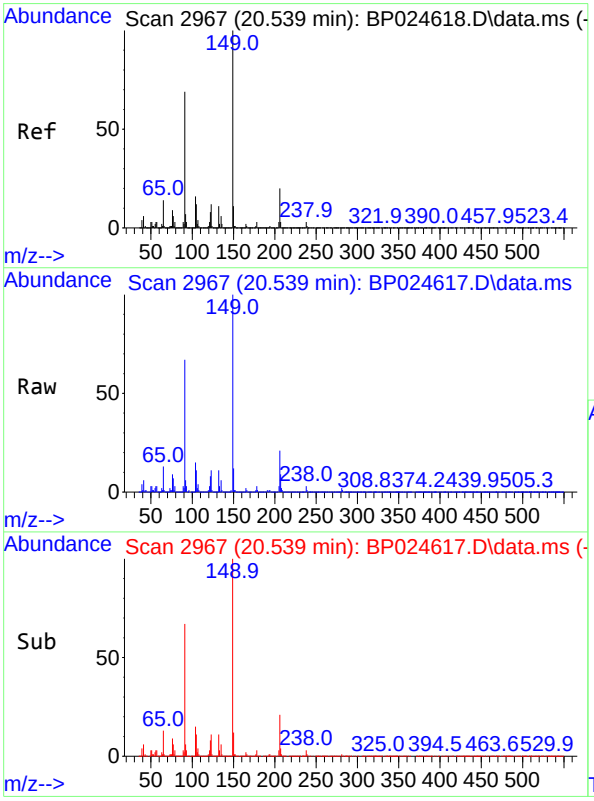
#79
Terphenyl-d14
Concen: 39.96 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 1736879

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.9	7.4	11.0

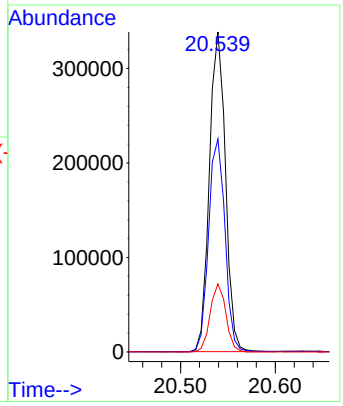


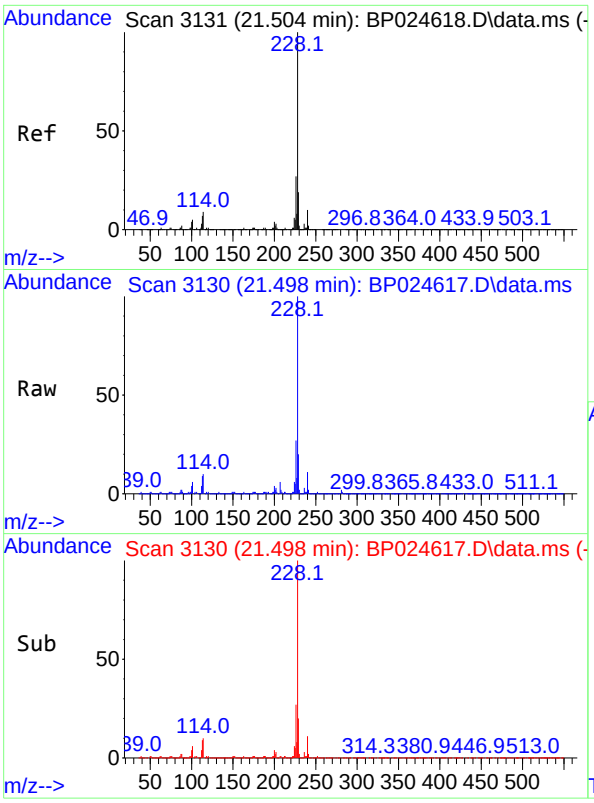


#80
Butylbenzylphthalate
Concen: 20.14 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 400050

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.4	83.0
206	21.3	16.2	24.2



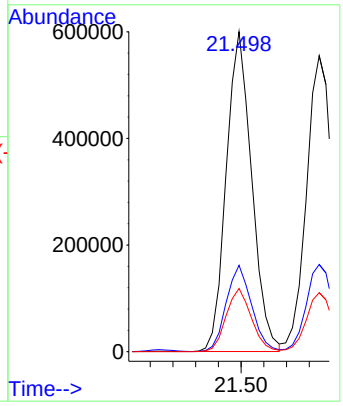


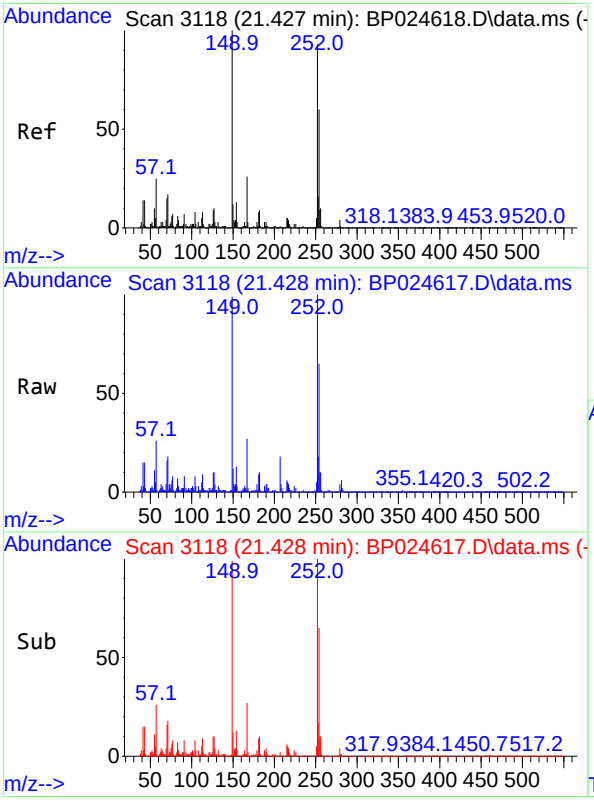
#81
Benzo(a)anthracene
Concen: 19.95 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 933614

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	19.7	15.5	23.3

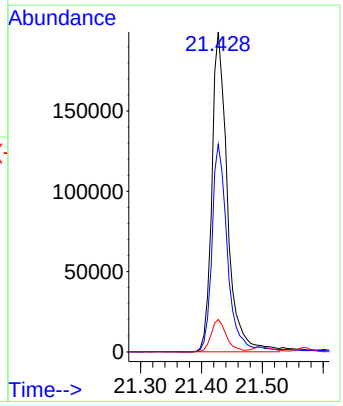


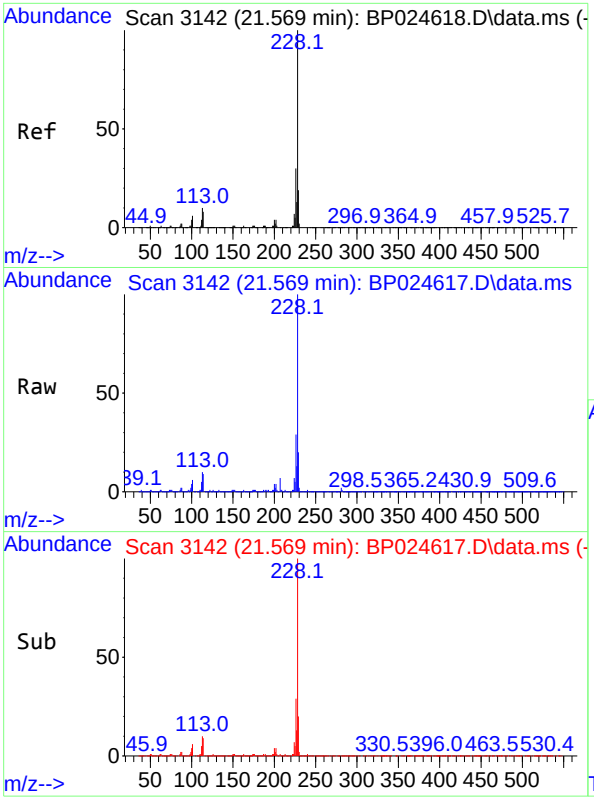


#82
3,3'-Dichlorobenzidine
Concen: 20.31 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 353000

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	10.1	7.7	11.5



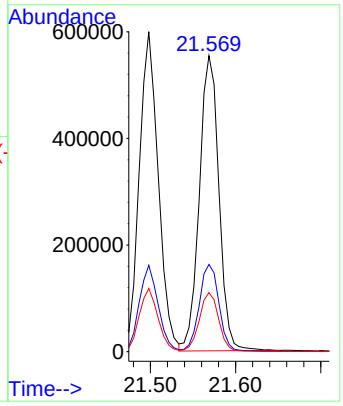


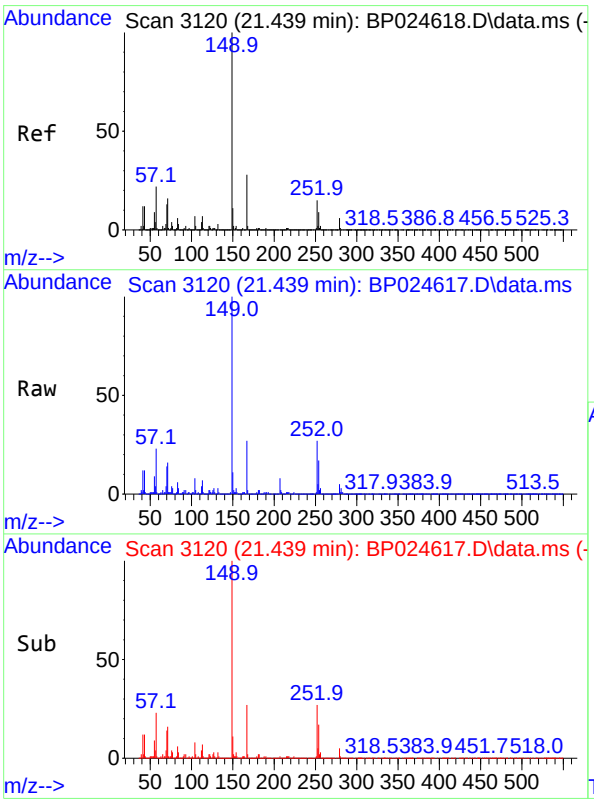
#83
Chrysene
Concen: 19.91 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 883001

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	20.0	15.5	23.3

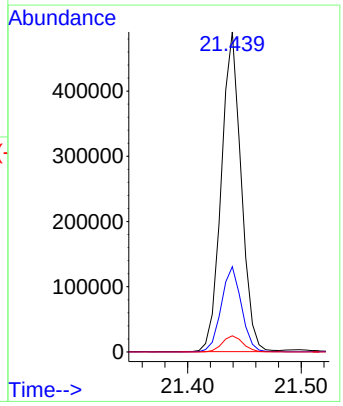


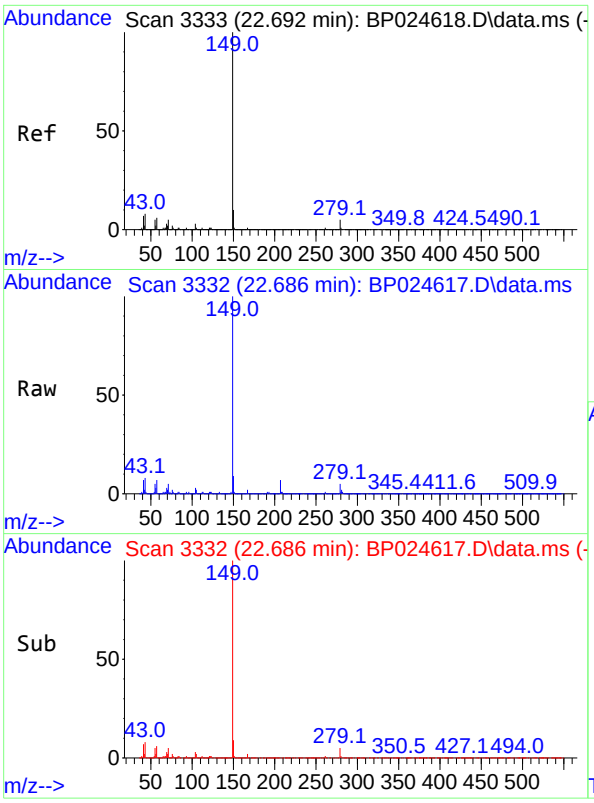


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.45 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 597012

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	5.0	4.6	6.8



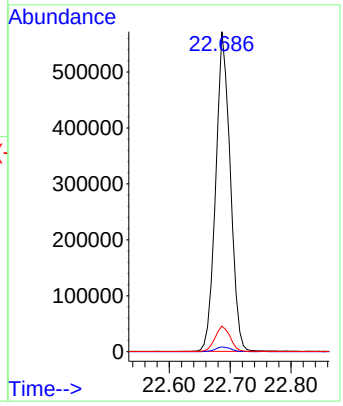


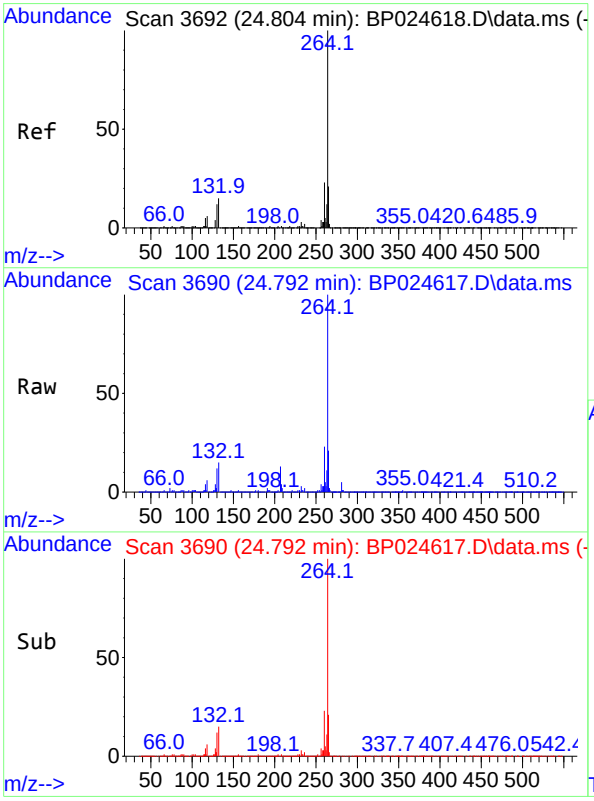
#85
Di-n-octyl phthalate
Concen: 19.85 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 947571

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	6.3	9.5

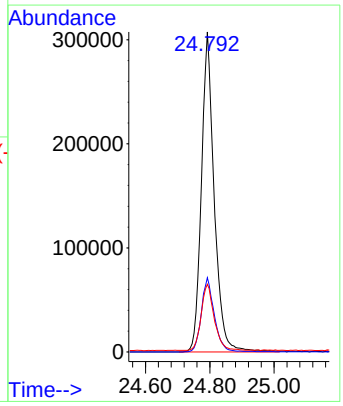


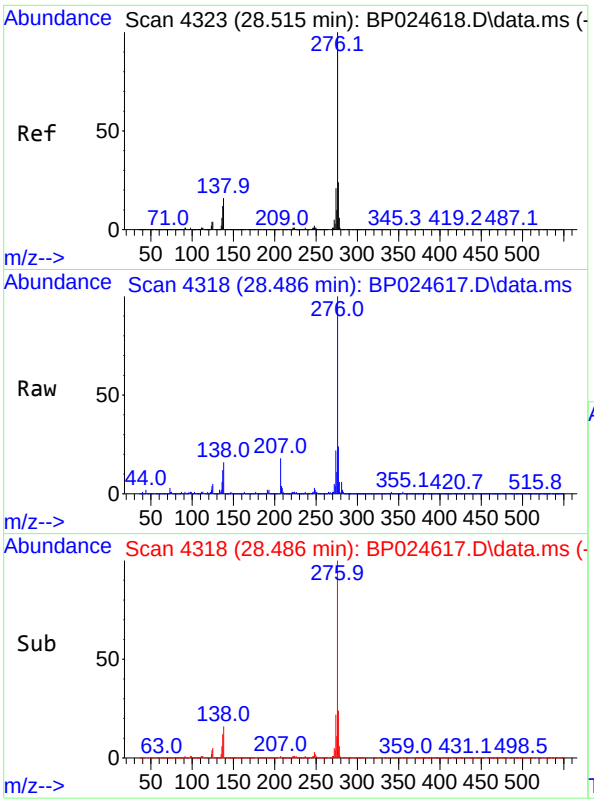


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:264 Resp: 850264

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.2	17.0	25.6



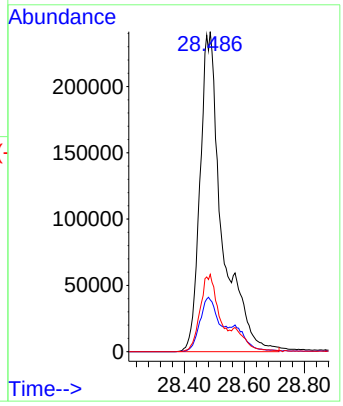


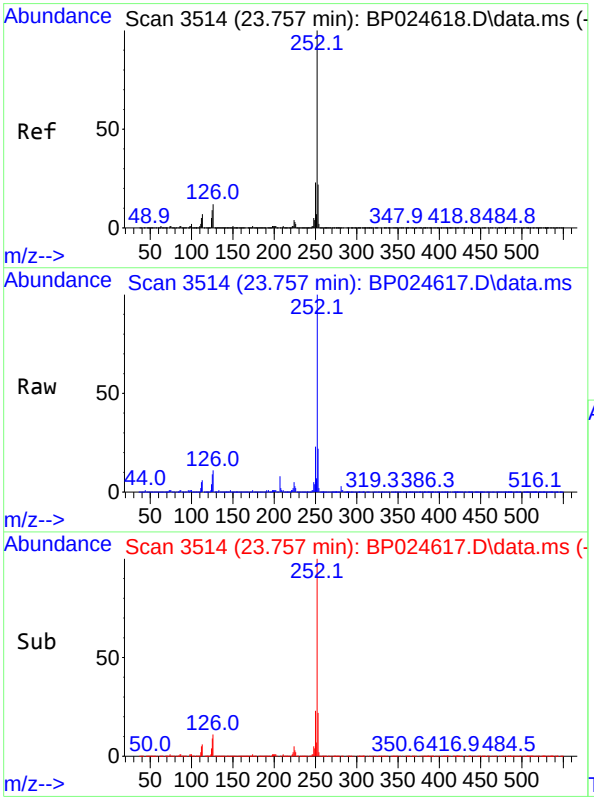
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng m
RT: 28.486 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 1230125

Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.2	16.8
277	20.9	15.7	23.5

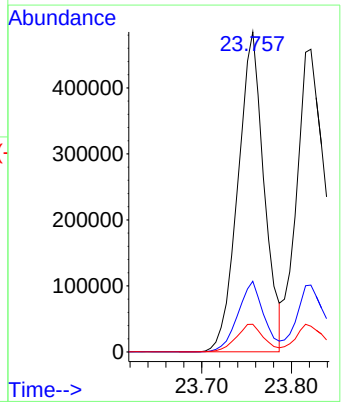


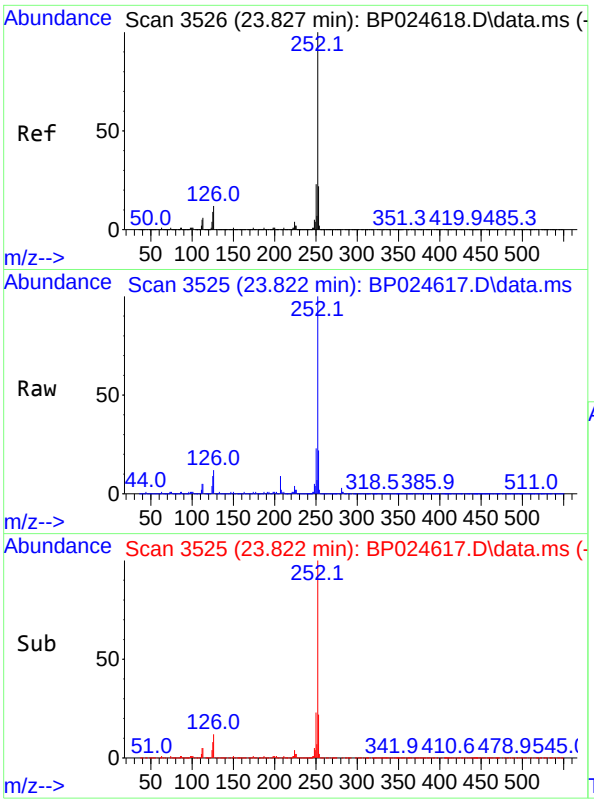


#88
Benzo(b)fluoranthene
Concen: 20.13 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 979873

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.7	7.5	11.3



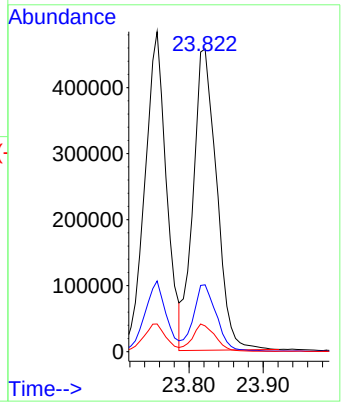


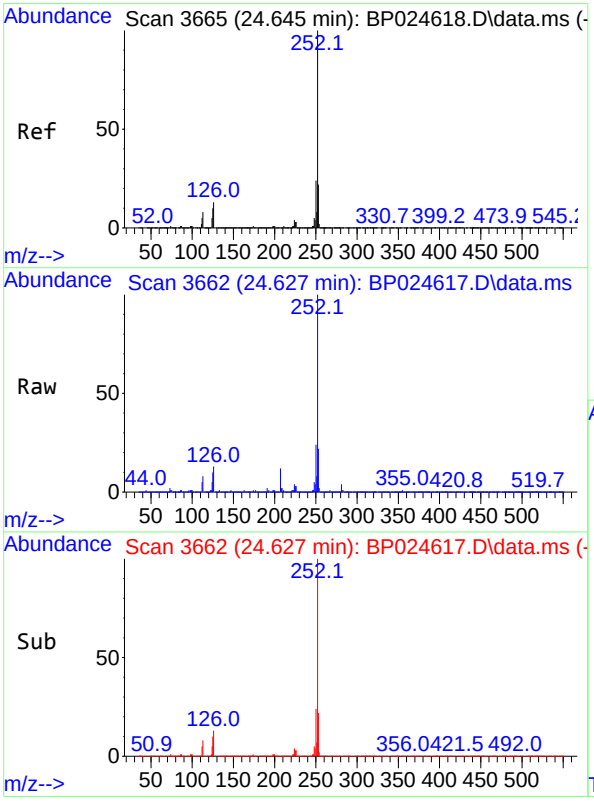
#89
Benzo(k)fluoranthene
Concen: 20.05 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 1005349

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.5	7.0	10.4

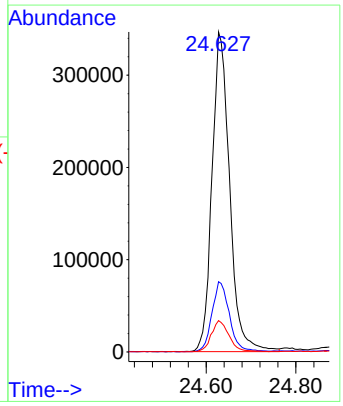


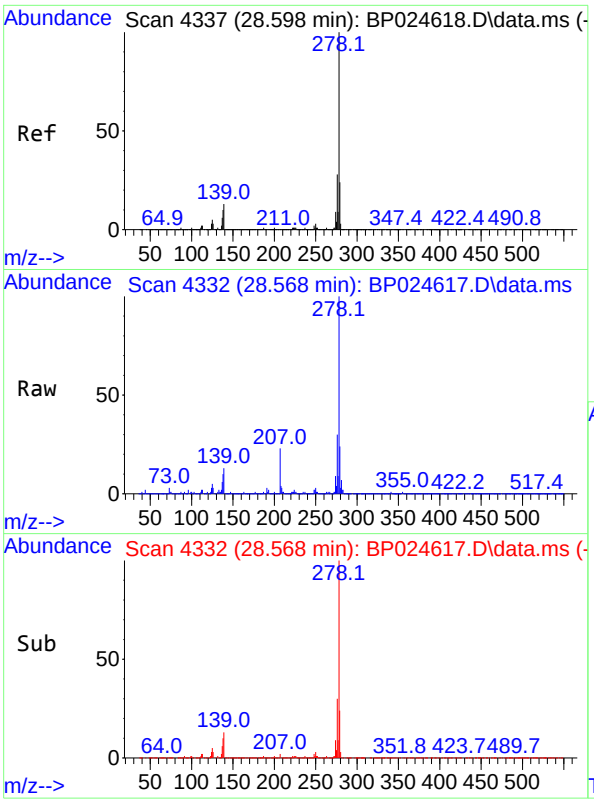


#90
Benzo(a)pyrene
Concen: 20.23 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.017 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 945764

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	8.1	12.1



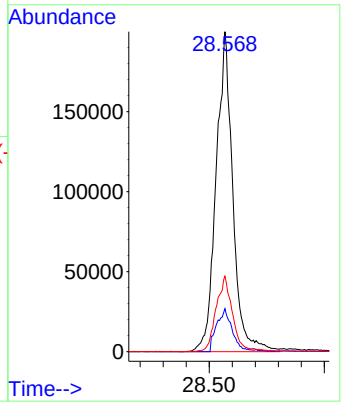


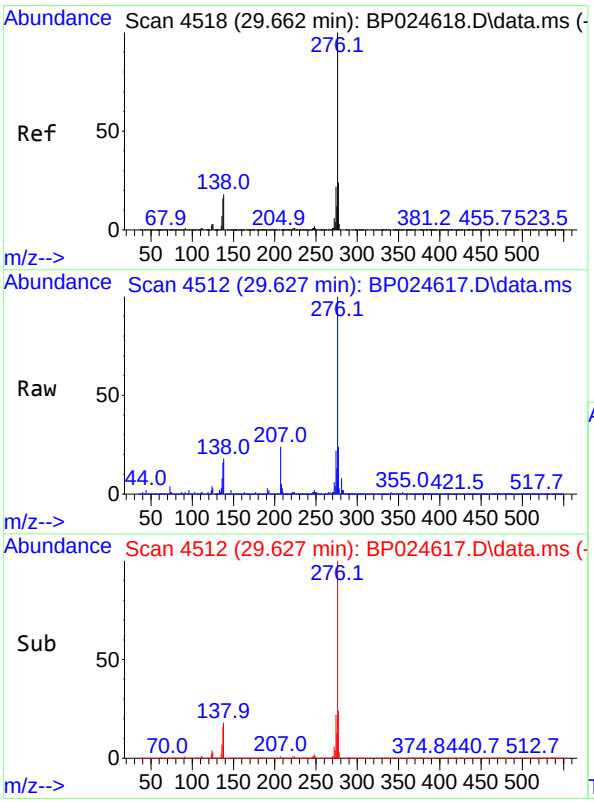
#91
Dibenzo(a,h)anthracene
Concen: 19.97 ng
RT: 28.568 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1008288

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.2	15.4
279	23.6	19.0	28.4

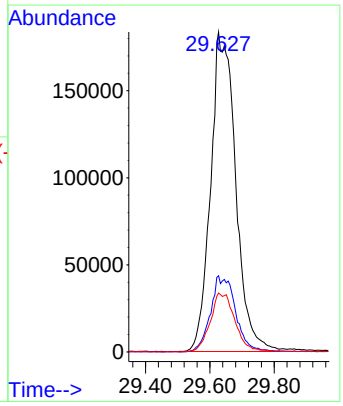




#92
Benzo(g,h,i)perylene
Concen: 19.75 ng
RT: 29.627 min Scan# 4512
Delta R.T. -0.035 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:276 Resp: 991852

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	18.4	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	120950	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	540452	20.00	ng	0.00
39) Acenaphthene-d10	14.304	164	362458	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	717362	20.00	ng	0.00
76) Chrysene-d12	21.521	240	810498	20.00	ng	0.00
86) Perylene-d12	24.804	264	929890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	534477	75.58	ng	0.00
7) Phenol-d6	6.852	99	712342	78.93	ng	0.00
23) Nitrobenzene-d5	8.810	82	826567	77.28	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	467808	76.13	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2076354	75.05	ng	0.00
79) Terphenyl-d14	19.810	244	3647961	77.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	122181	36.79	ng	100
3) Pyridine	3.622	79	289809	39.36	ng	100
4) n-Nitrosodimethylamine	3.534	42	125087	38.48	ng	100
6) Aniline	7.005	93	463675	39.79	ng	100
8) 2-Chlorophenol	7.240	128	315079	39.25	ng	100
9) Benzaldehyde	6.822	77	231076m	39.62	ng	
10) Phenol	6.881	94	364948	39.18	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	293331	38.32	ng	100
12) 1,3-Dichlorobenzene	7.552	146	348242	37.71	ng	100
13) 1,4-Dichlorobenzene	7.699	146	355533	38.27	ng	100
14) 1,2-Dichlorobenzene	8.010	146	344980	38.11	ng	100
15) Benzyl Alcohol	7.905	79	277892	40.52	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.187	45	354872	38.71	ng	100
17) 2-Methylphenol	8.110	107	265962	39.81	ng	100
18) Hexachloroethane	8.728	117	133224	37.43	ng	100
19) n-Nitroso-di-n-propyla...	8.457	70	253553	40.61	ng	100
20) 3+4-Methylphenols	8.434	107	366564	40.33	ng	100
22) Acetophenone	8.475	105	521603	38.64	ng	100
24) Nitrobenzene	8.852	77	363767	38.65	ng	100
25) Isophorone	9.375	82	727081	39.19	ng	100
26) 2-Nitrophenol	9.563	139	185587	40.24	ng	100
27) 2,4-Dimethylphenol	9.628	122	322227	39.62	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	430958	38.88	ng	100
29) 2,4-Dichlorophenol	10.093	162	314830	39.95	ng	100
30) 1,2,4-Trichlorobenzene	10.299	180	330659	37.23	ng	100
31) Naphthalene	10.481	128	1059316	37.82	ng	100
32) Benzoic acid	9.775	122	206829m	38.01	ng	
33) 4-Chloroaniline	10.599	127	452150	40.01	ng	100
34) Hexachlorobutadiene	10.763	225	213978	37.19	ng	100
35) Caprolactam	11.387	113	118047	41.43	ng	100
36) 4-Chloro-3-methylphenol	11.734	107	385077	40.07	ng	100
37) 2-Methylnaphthalene	12.093	142	692133	38.17	ng	100
38) 1-Methylnaphthalene	12.316	142	745849	38.44	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	398230	37.84	ng	100
41) Hexachlorocyclopentadiene	12.445	237	258329	40.48	ng	100
43) 2,4,6-Trichlorophenol	12.716	196	268675	39.41	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	293079	38.62	ng	100
46) 1,1'-Biphenyl	13.116	154	1002344	37.42	ng	100
47) 2-Chloronaphthalene	13.157	162	771952	37.79	ng	100
48) 2-Nitroaniline	13.375	65	242485	40.10	ng	100
49) Acenaphthylene	14.016	152	1307740	38.26	ng	100
50) Dimethylphthalate	13.757	163	1051056	38.04	ng	100
51) 2,6-Dinitrotoluene	13.881	165	226086	38.75	ng	100
52) Acenaphthene	14.363	154	745335	37.93	ng	100
53) 3-Nitroaniline	14.216	138	246561	41.39	ng	100
54) 2,4-Dinitrophenol	14.428	184	124517	37.54	ng	100
55) Dibenzofuran	14.698	168	1183806	37.77	ng	100
56) 4-Nitrophenol	14.551	139	186112	38.41	ng	100
57) 2,4-Dinitrotoluene	14.681	165	329156	40.02	ng	100
58) Fluorene	15.357	166	968487	37.89	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	274384	38.98	ng	100
60) Diethylphthalate	15.139	149	1046478	37.48	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	475327	37.29	ng	100
62) 4-Nitroaniline	15.392	138	239212	41.24	ng	100
63) Azobenzene	15.651	77	906274	37.94	ng	100
65) 4,6-Dinitro-2-methylph...	15.457	198	184593	39.84	ng	100
66) n-Nitrosodiphenylamine	15.581	169	851188	38.63	ng	100
67) 4-Bromophenyl-phenylether	16.263	248	323558	38.28	ng	100
68) Hexachlorobenzene	16.381	284	403916	37.60	ng	100
69) Atrazine	16.557	200	312226	38.67	ng	100
70) Pentachlorophenol	16.745	266	246828	40.91	ng	100
71) Phenanthrene	17.133	178	1507602	37.80	ng	100
72) Anthracene	17.228	178	1542275	38.44	ng	100
73) Carbazole	17.516	167	1436294	39.55	ng	100
74) Di-n-butylphthalate	18.098	149	1807097	38.69	ng	100
75) Fluoranthene	19.216	202	1794046	38.49	ng	100
77) Benzidine	19.416	184	907109	40.77	ng	100
78) Pyrene	19.592	202	1869519	38.50	ng	100
80) Butylbenzylphthalate	20.539	149	854913	39.58	ng	100
81) Benzo(a)anthracene	21.504	228	1957632	38.47	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	773866	40.94	ng	100
83) Chrysene	21.569	228	1833959	38.01	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1240956	39.09	ng	100
85) Di-n-octyl phthalate	22.692	149	2074694	39.97	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2648648	39.00	ng	100
88) Benzo(b)fluoranthene	23.757	252	2050806	38.53	ng	100
89) Benzo(k)fluoranthene	23.827	252	2120721	38.67	ng	100
90) Benzo(a)pyrene	24.645	252	1979017	38.71	ng	100
91) Dibenzo(a,h)anthracene	28.598	278	2170712	39.30	ng	100
92) Benzo(g,h,i)perylene	29.662	276	2132921	38.84	ng	100

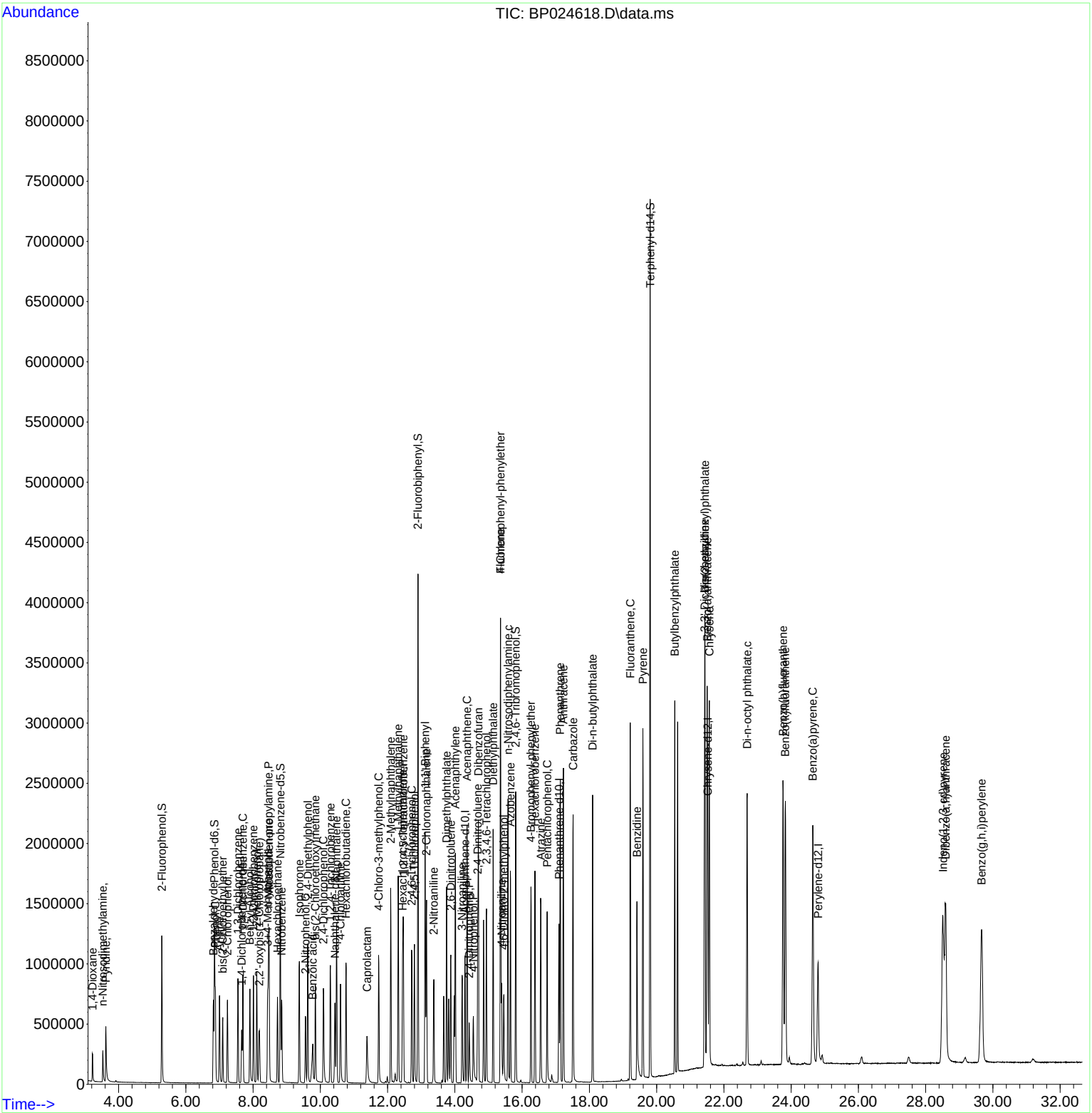
(#) = qualifier out of range (m) = manual integration (+) = signals summed

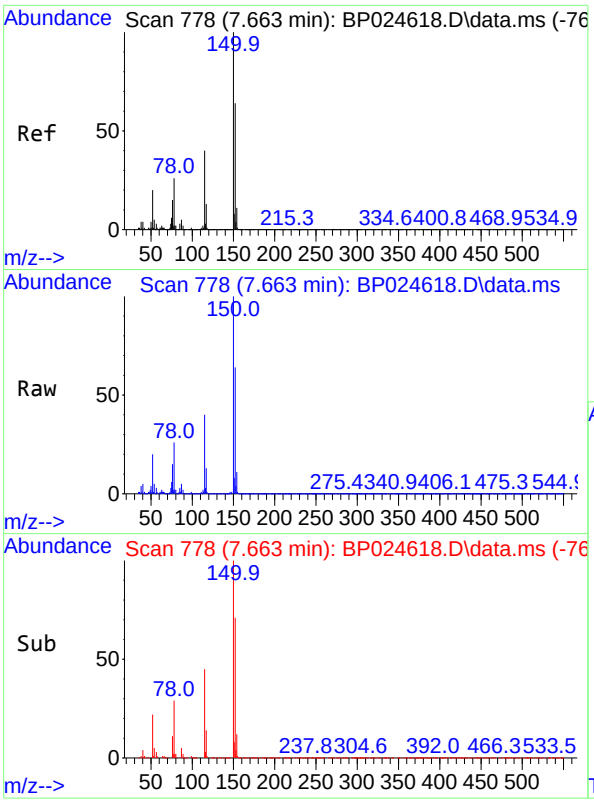
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



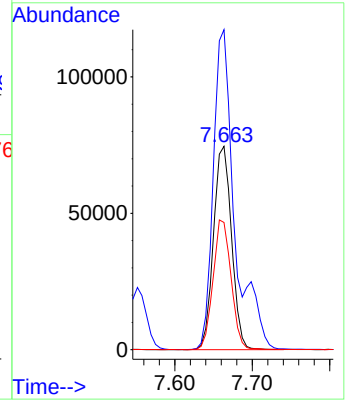


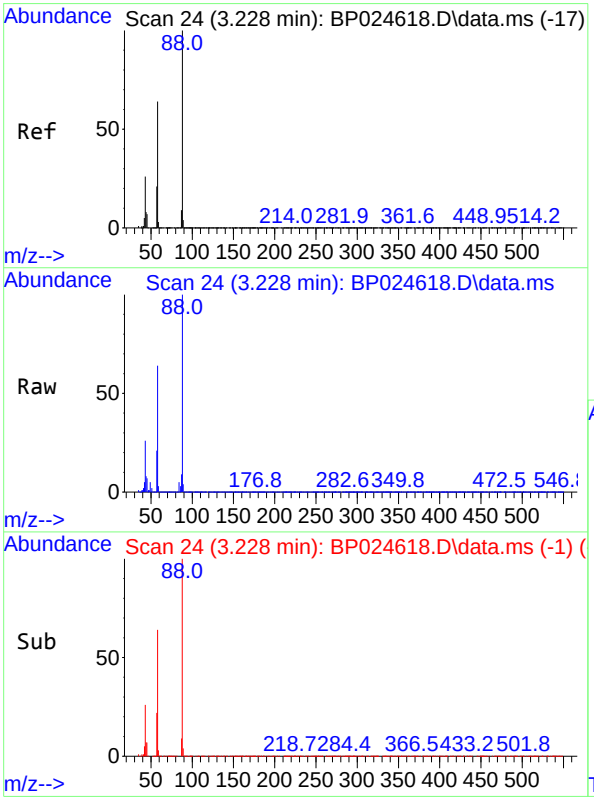
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 120950

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	62.6	50.1	75.1

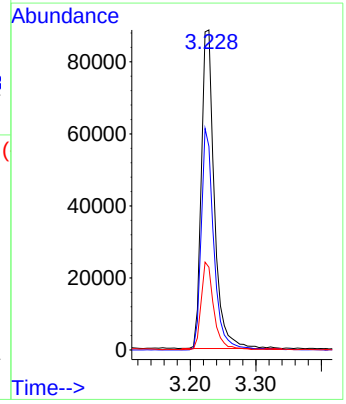


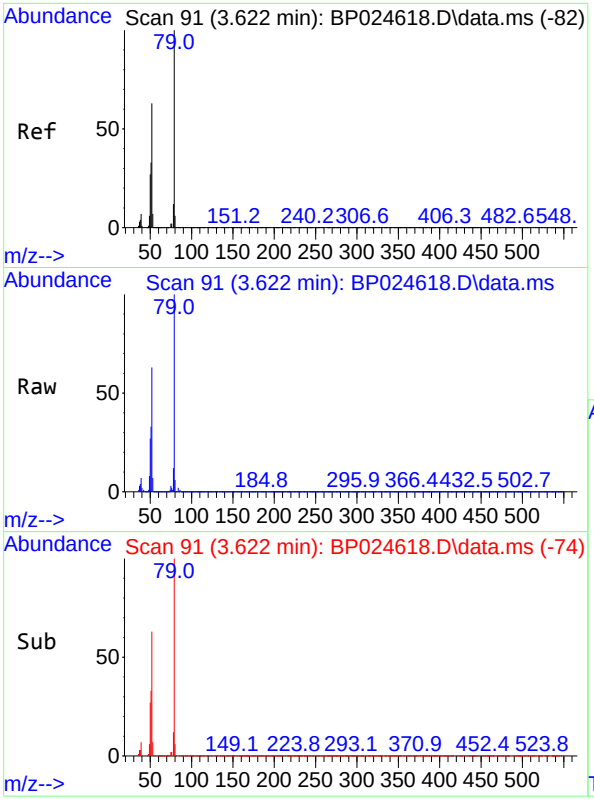


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 88 Resp: 122181

Ion	Ratio	Lower	Upper
88	100		
58	67.5	54.0	81.0
43	26.7	21.4	32.0



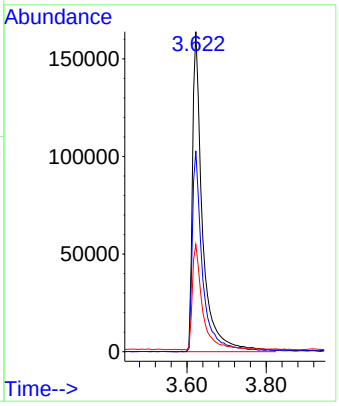


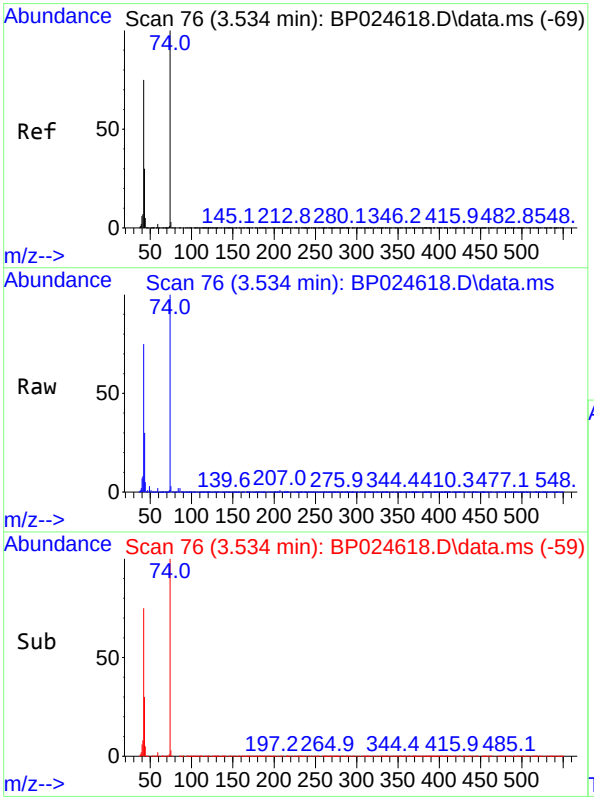
#3
Pyridine
Concen: 39.36 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 289809

Ion	Ratio	Lower	Upper
79	100		
52	62.7	50.2	75.2
51	33.5	26.8	40.2

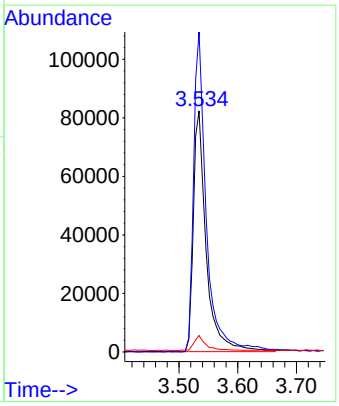


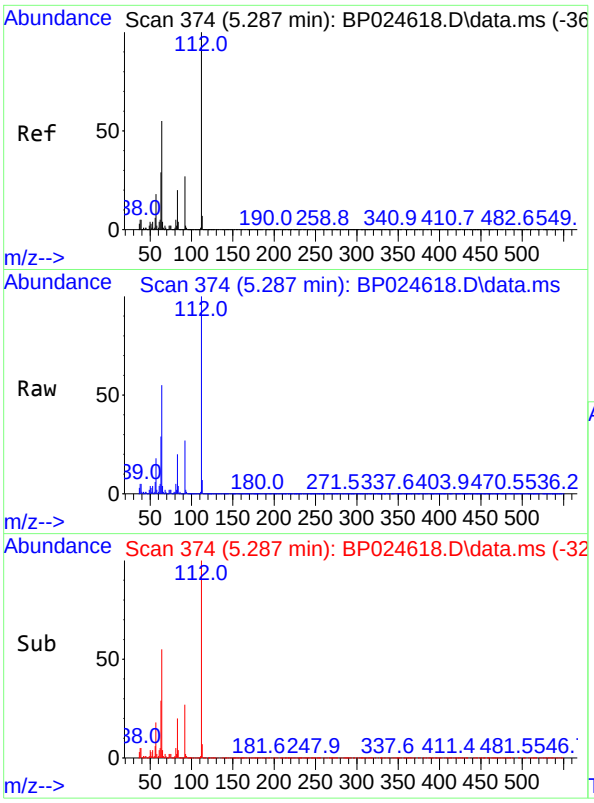


#4
n-Nitrosodimethylamine
Concen: 38.48 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 42 Resp: 125087

Ion	Ratio	Lower	Upper
42	100		
74	132.7	106.2	159.2
44	6.8	5.4	8.2



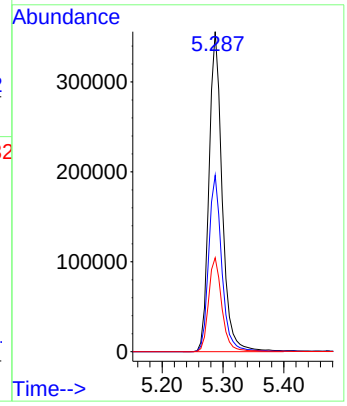


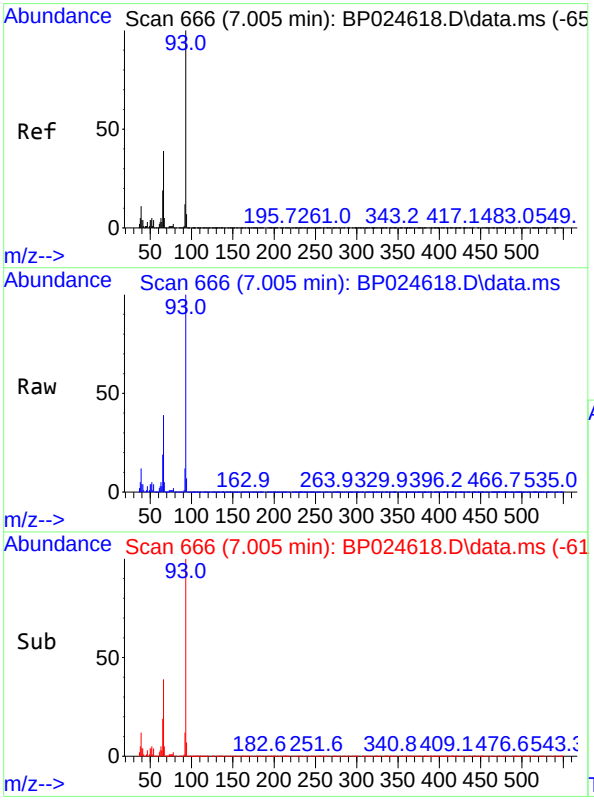
#5
2-Fluorophenol
Concen: 75.58 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 534477

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	29.4	23.5	35.3

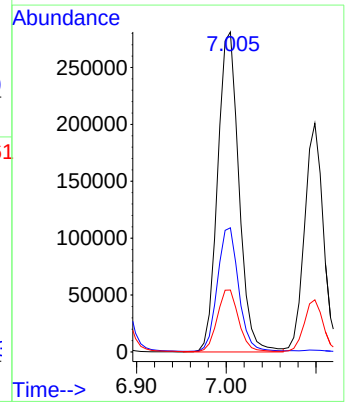


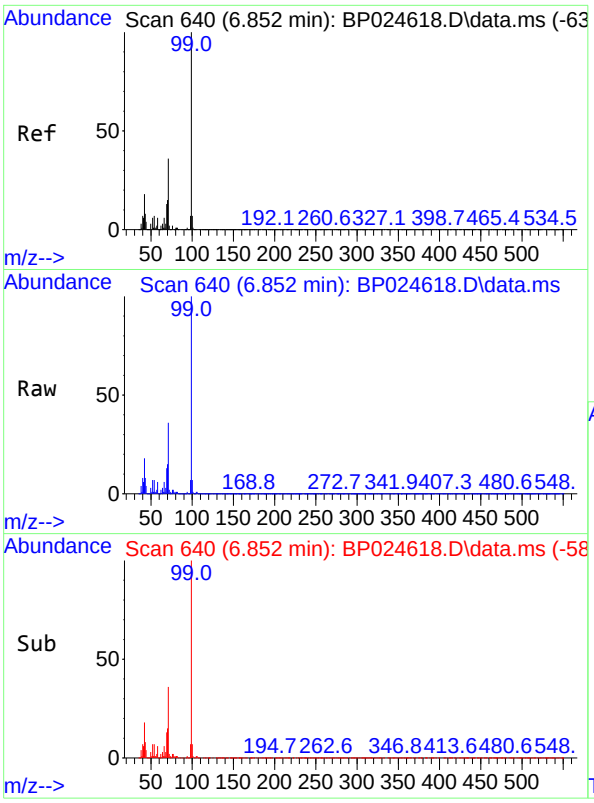


#6
Aniline
Concen: 39.79 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 93 Resp: 463675

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.4	15.5	23.3



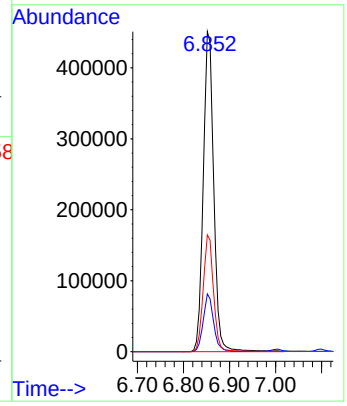


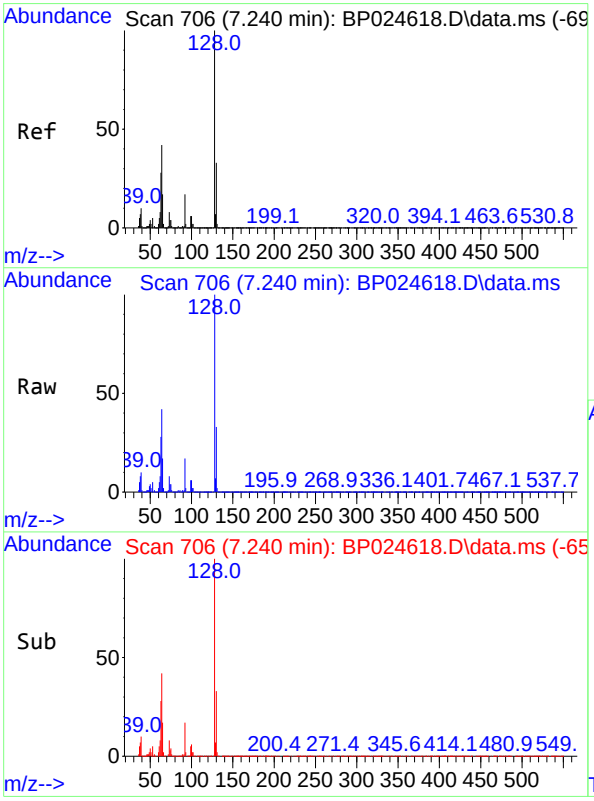
#7
Phenol-d6
Concen: 78.93 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 712342

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.4	21.6
71	36.5	29.2	43.8

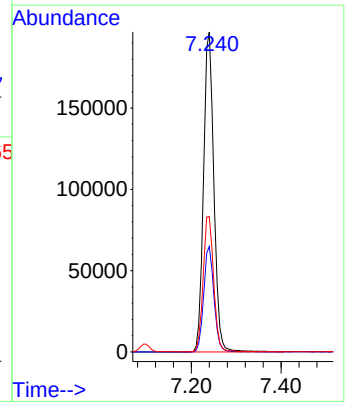


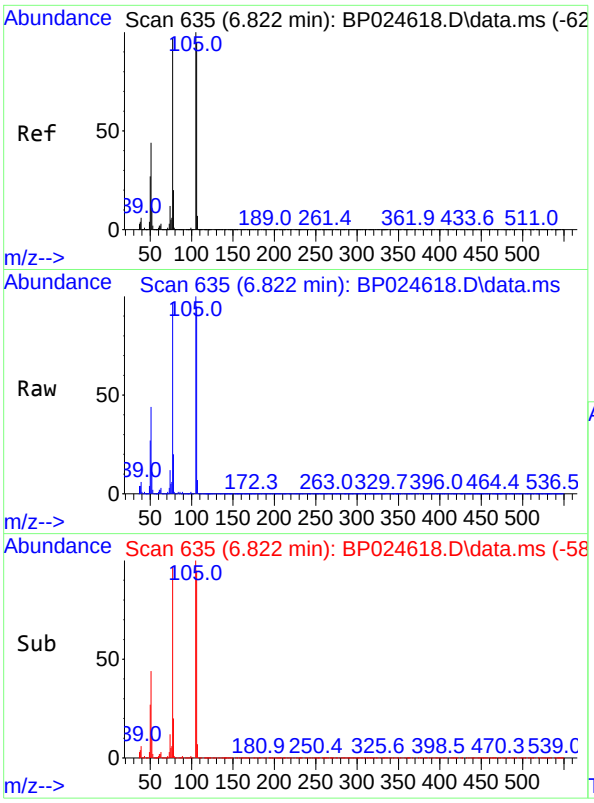


#8
2-Chlorophenol
Concen: 39.25 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:128 Resp: 315079

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	42.3	22.3	62.3



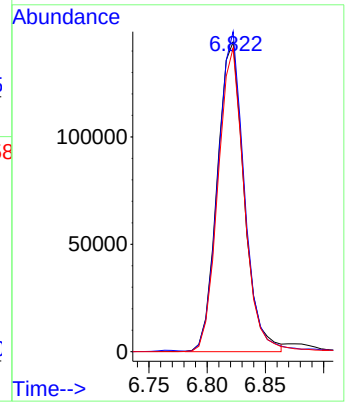


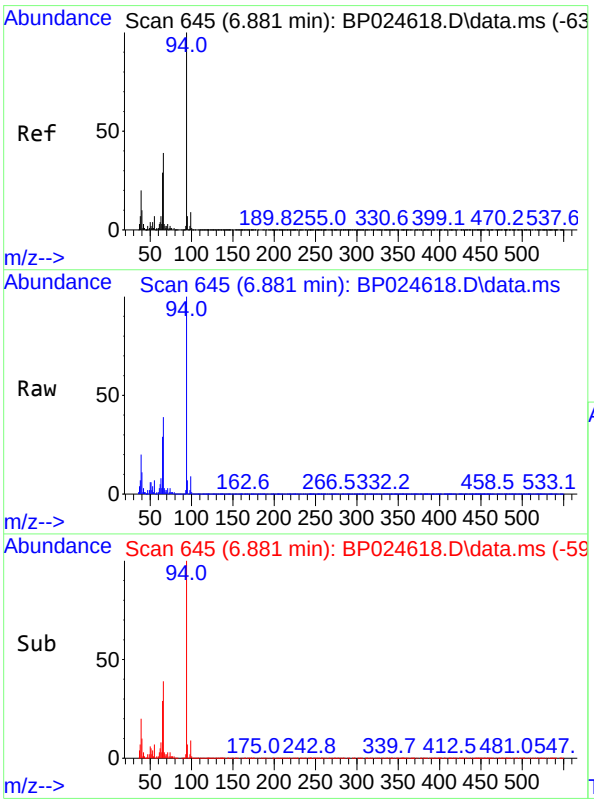
#9
Benzaldehyde
Concen: 39.62 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 231076

Ion	Ratio	Lower	Upper
77	100		
105	103.3	83.3	123.3
106	98.0	78.0	118.0

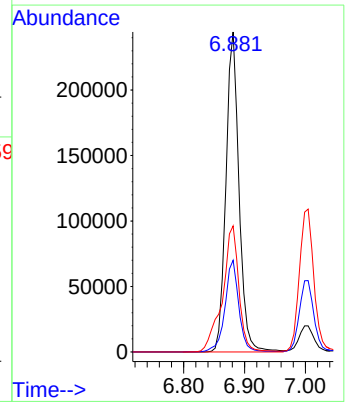


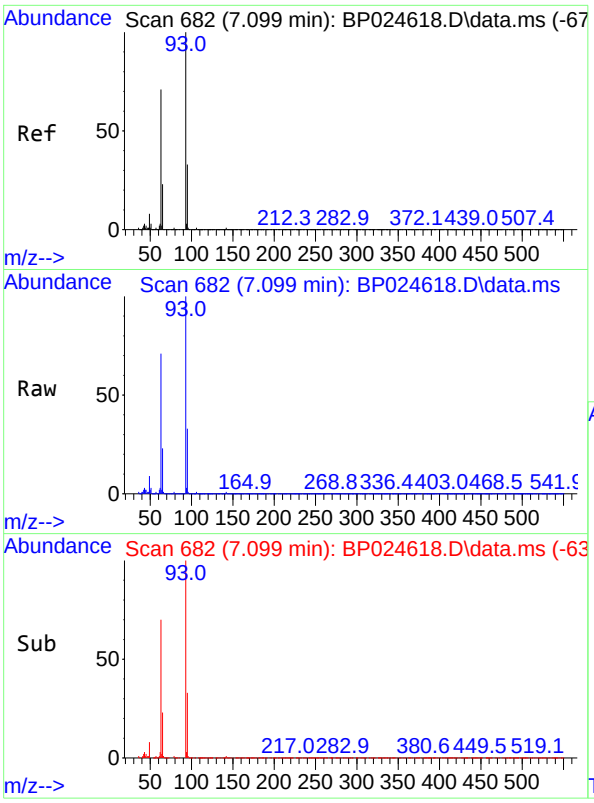


#10
Phenol
Concen: 39.18 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 94 Resp: 364948

Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.7	48.7
66	39.4	19.4	59.4



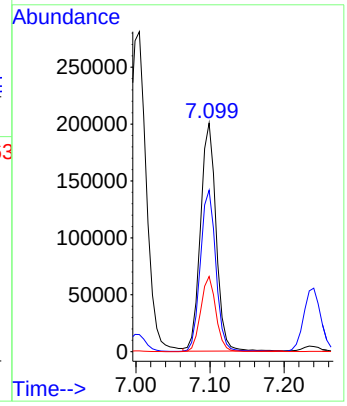


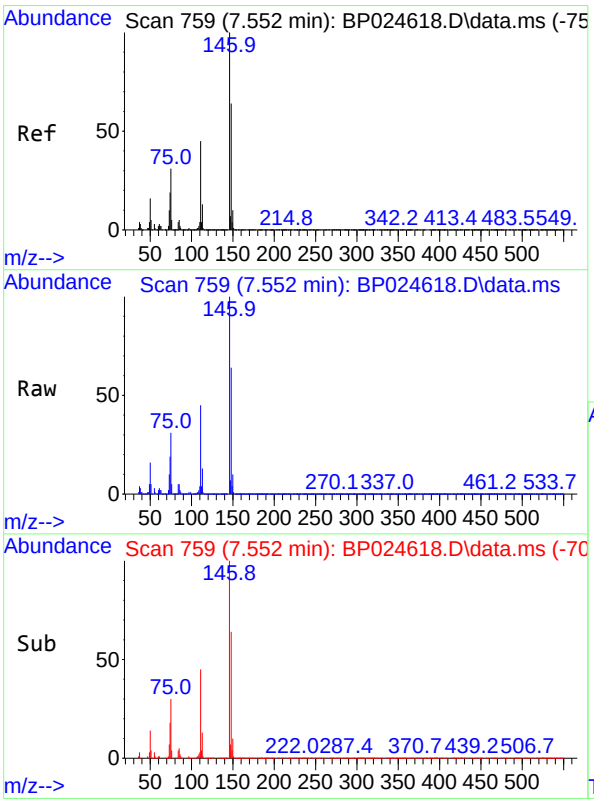
#11
bis(2-Chloroethyl)ether
Concen: 38.32 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 293331

Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.6	90.6
95	32.9	12.9	52.9

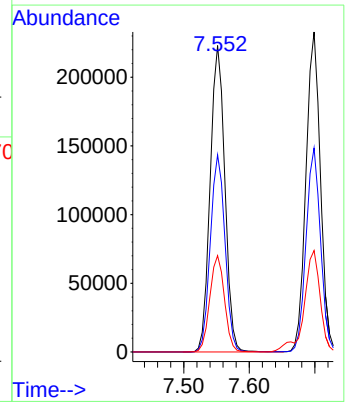


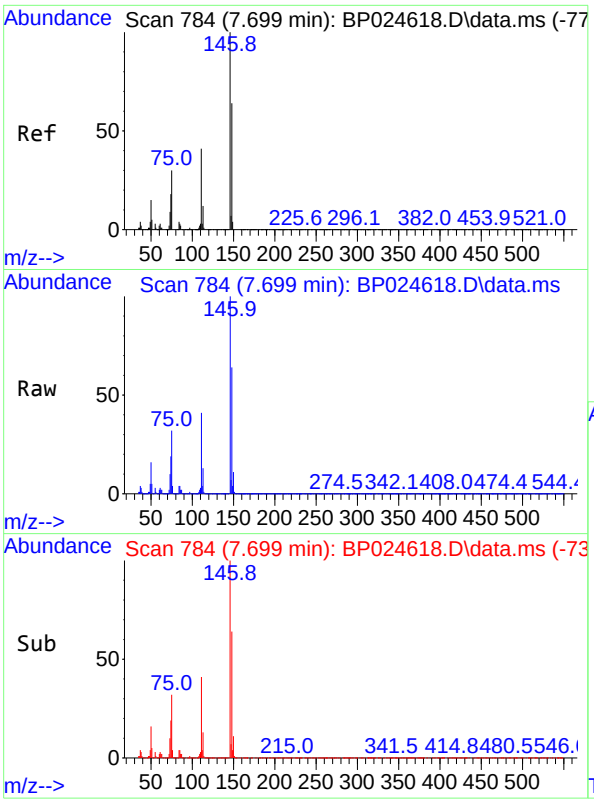


#12
1,3-Dichlorobenzene
Concen: 37.71 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:146 Resp: 348242

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	31.5	25.2	37.8



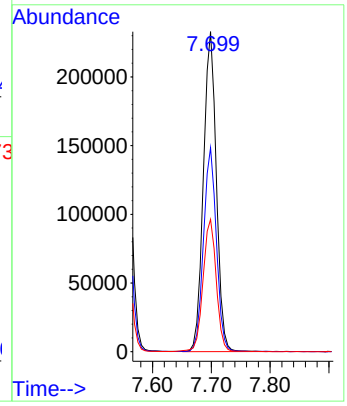


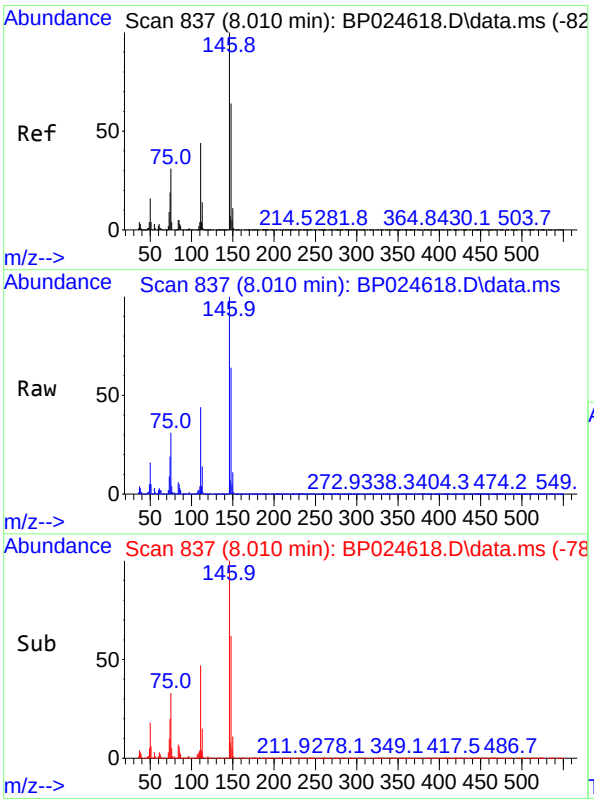
#13
1,4-Dichlorobenzene
Concen: 38.27 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 355533

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	41.3	33.0	49.6

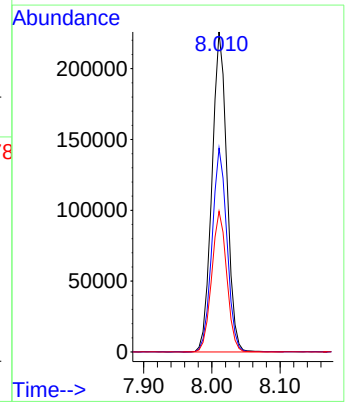


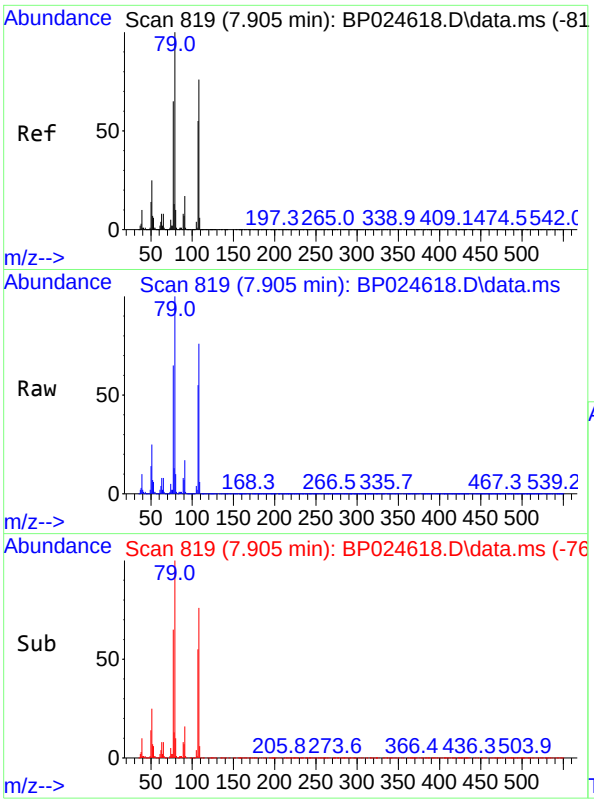


#14
1,2-Dichlorobenzene
Concen: 38.11 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:146 Resp: 344980

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	44.0	35.2	52.8



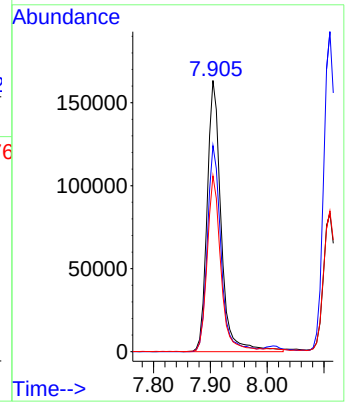


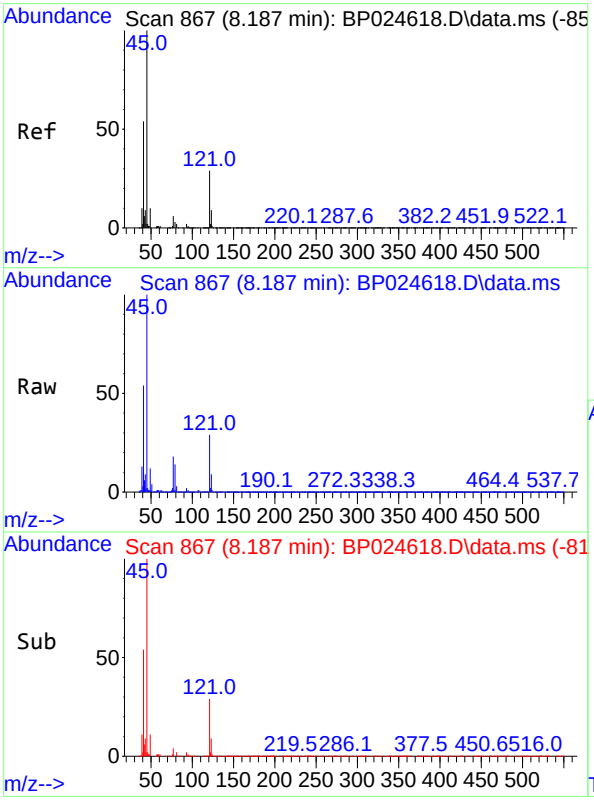
#15
Benzyl Alcohol
Concen: 40.52 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 277892

Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.8	91.2
77	64.9	51.9	77.9

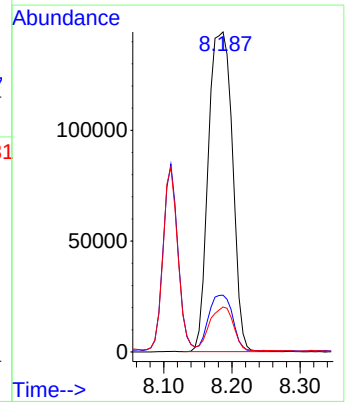


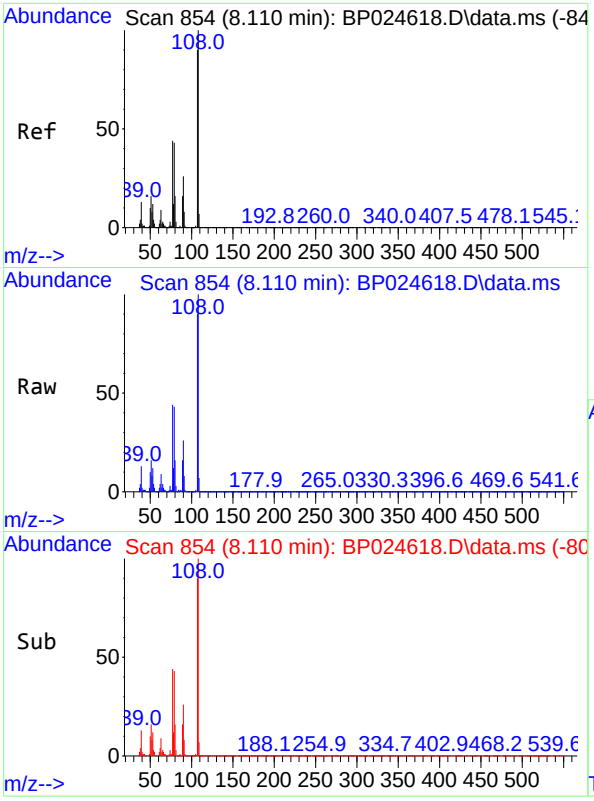


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.71 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 45 Resp: 354872

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.7
79	14.0	0.0	34.0



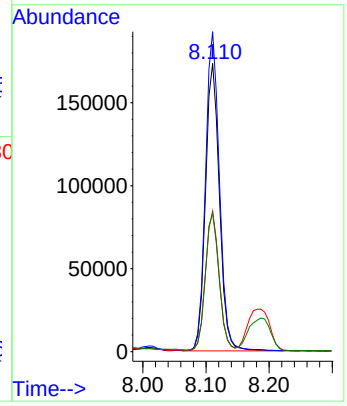


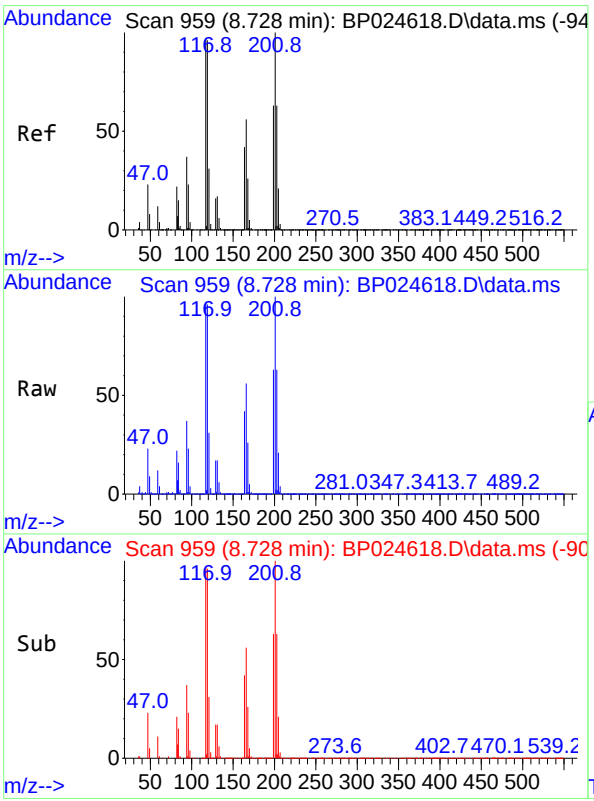
#17
2-Methylphenol
Concen: 39.81 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 265962

Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	48.8	39.0	58.6
79	48.0	38.4	57.6

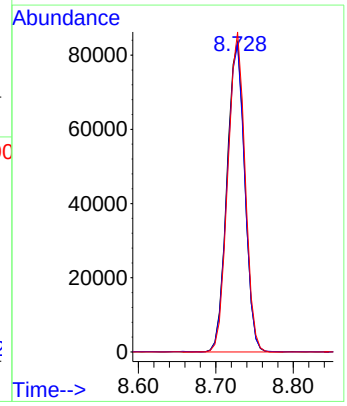


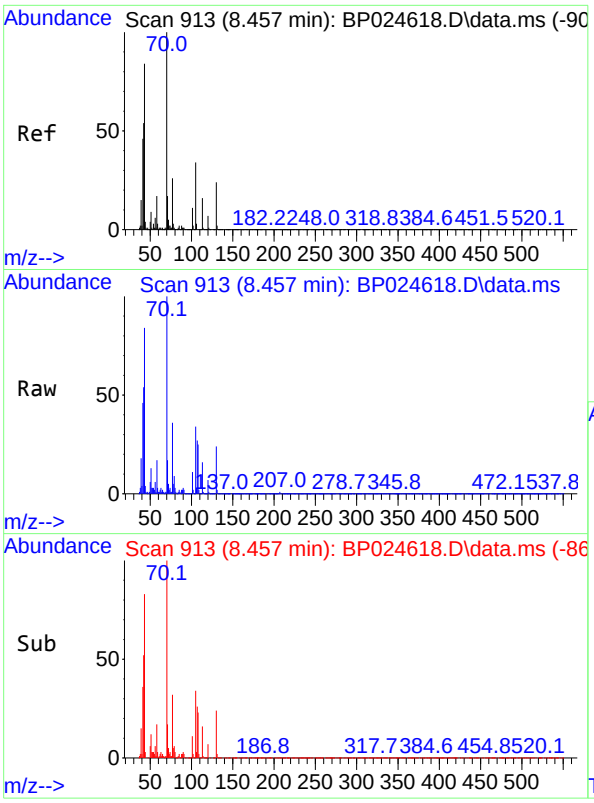


#18
Hexachloroethane
Concen: 37.43 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:117 Resp: 133224

Ion	Ratio	Lower	Upper
117	100		
119	99.2	79.4	119.0
201	103.4	82.7	124.1



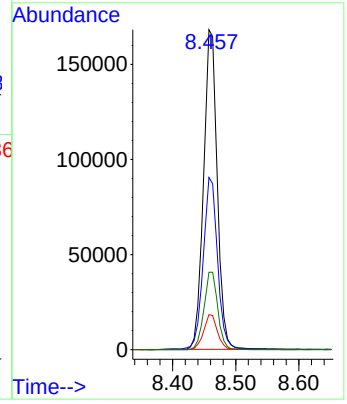


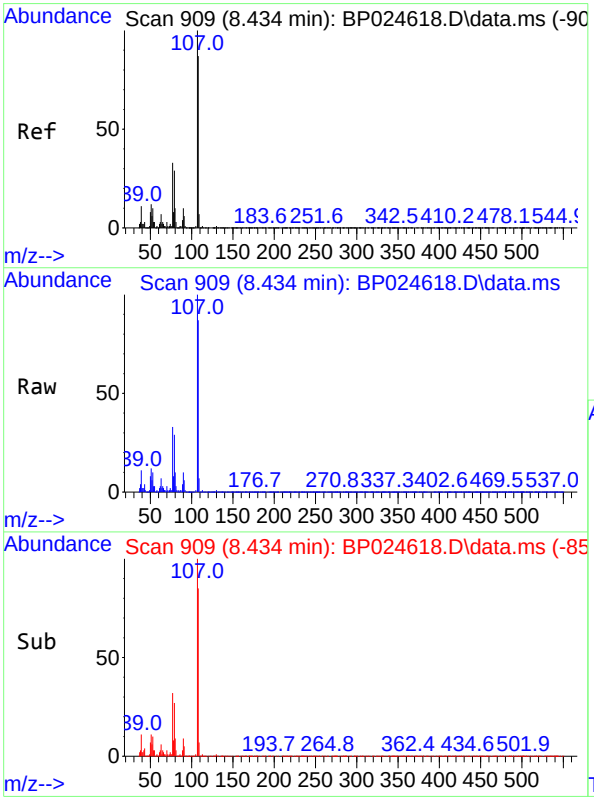
#19
n-Nitroso-di-n-propylamine
Concen: 40.61 ng
RT: 8.457 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 253553

Ion	Ratio	Lower	Upper
70	100		
42	53.8	43.0	64.6
101	10.9	8.7	13.1
130	24.2	19.4	29.0

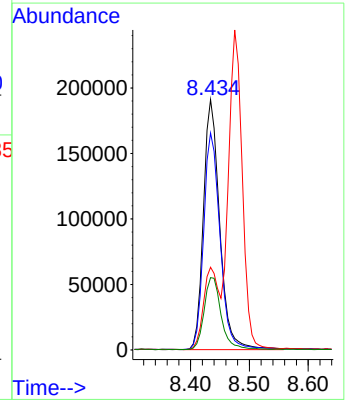


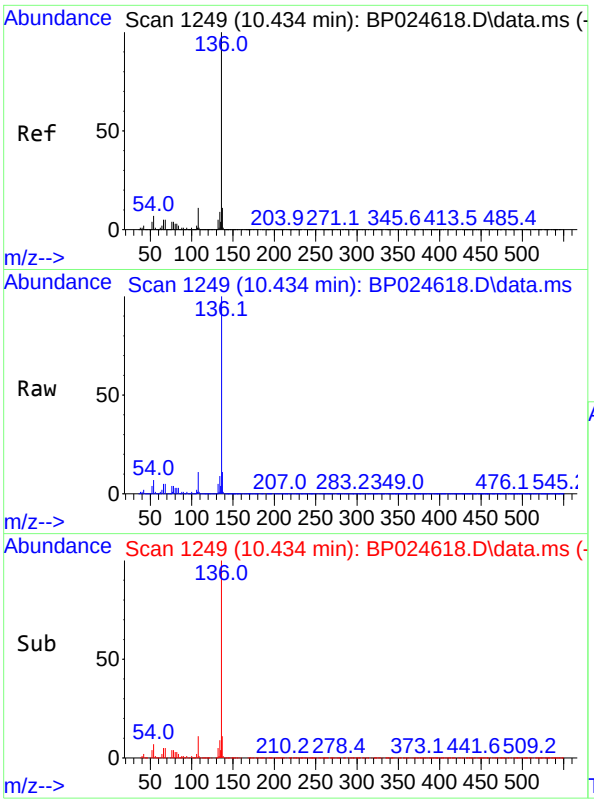


#20
3+4-Methylphenols
Concen: 40.33 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 366564

Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.7	106.7
77	33.1	13.1	53.1
79	28.9	8.9	48.9



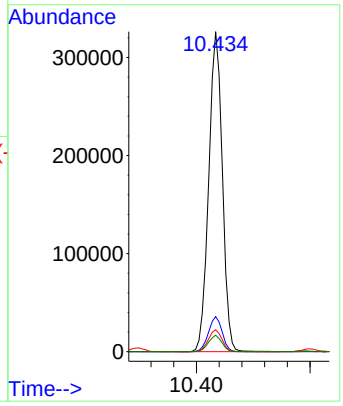


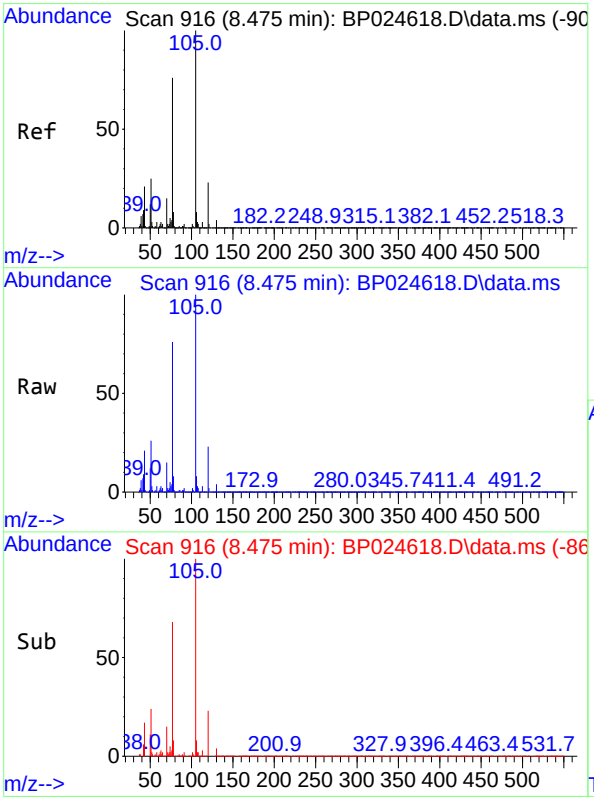
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 540452

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.5	8.3
68	5.2	4.2	6.2

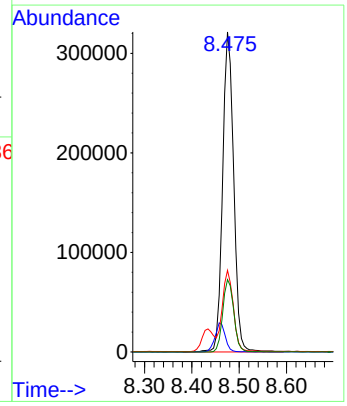


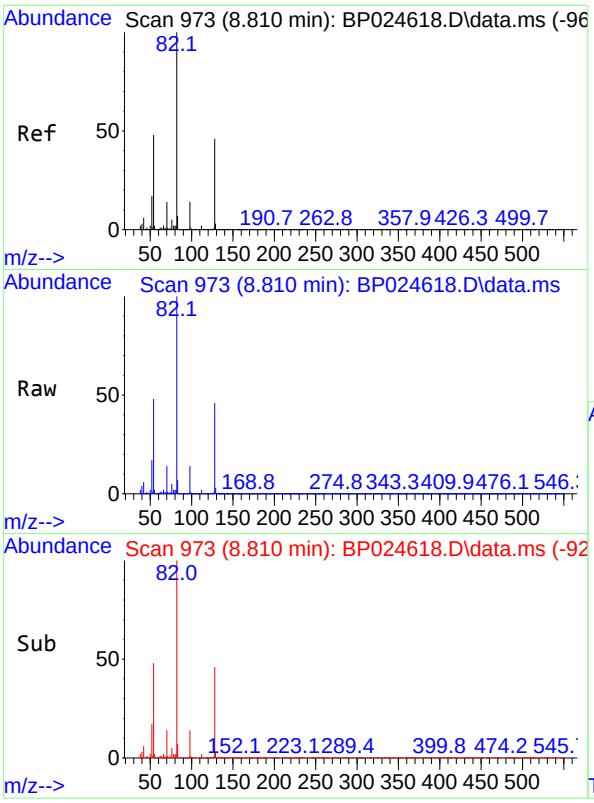


#22
Acetophenone
Concen: 38.64 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:105 Resp: 521603

Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	25.5	20.4	30.6
120	22.6	18.1	27.1



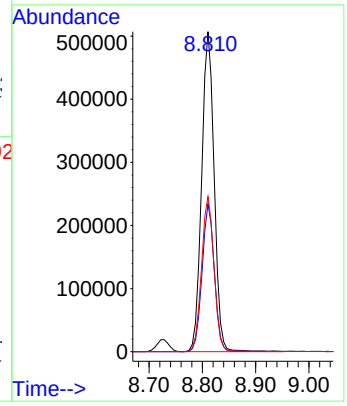


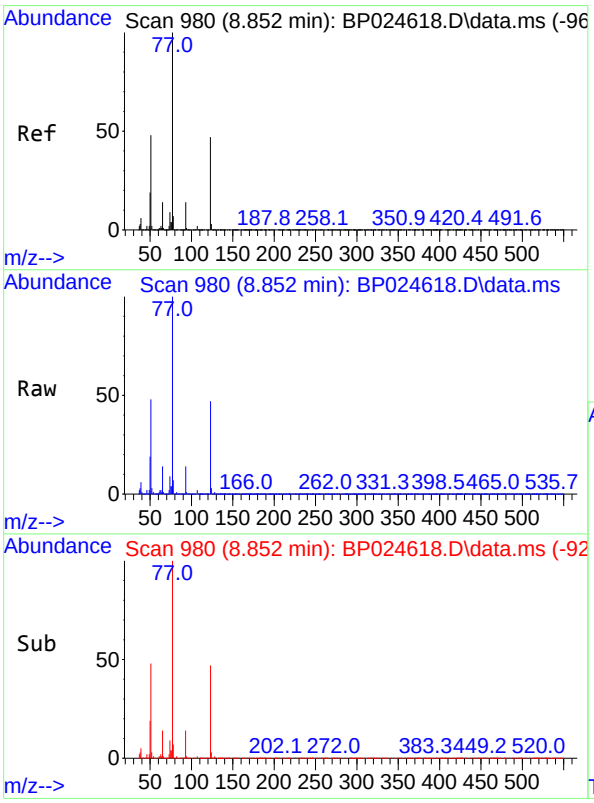
#23
Nitrobenzene-d5
Concen: 77.28 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 826567

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	48.4	38.7	58.1

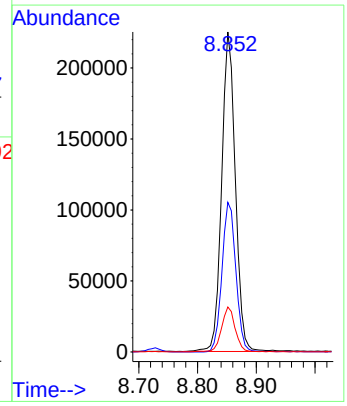


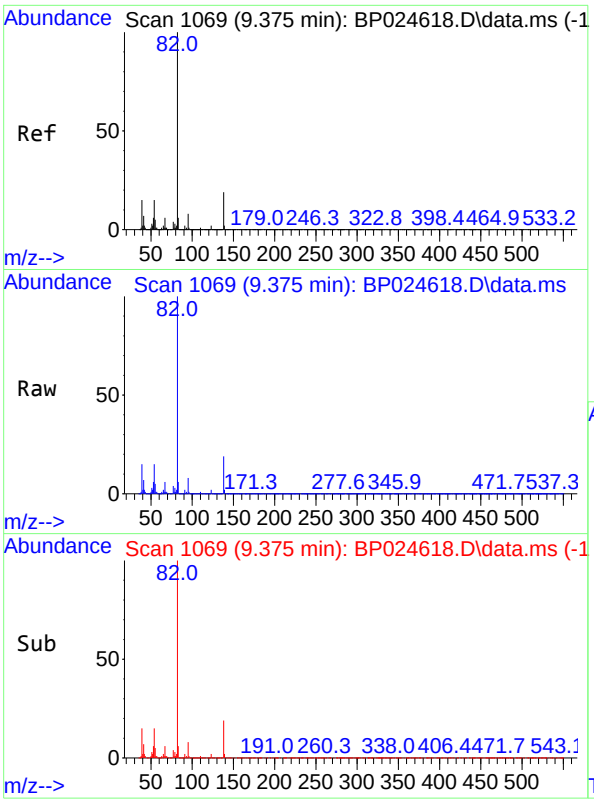


#24
Nitrobenzene
Concen: 38.65 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 77 Resp: 363767

Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.4	56.0
65	14.1	11.3	16.9



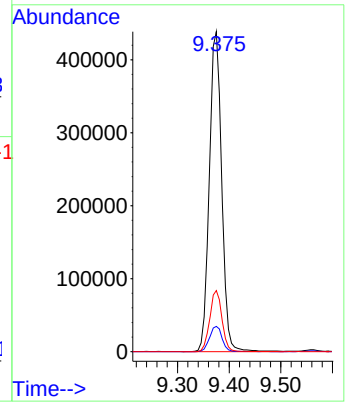


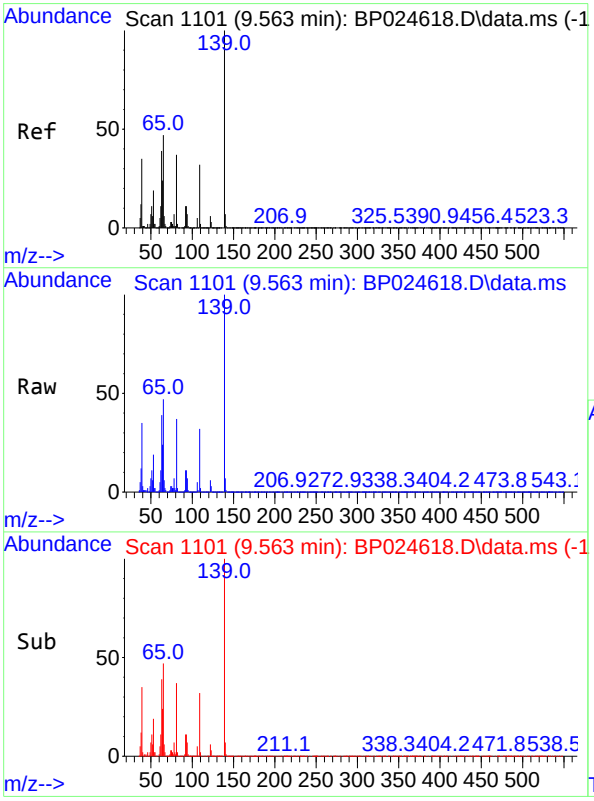
#25
Isophorone
Concen: 39.19 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 727081

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	19.1	15.3	22.9

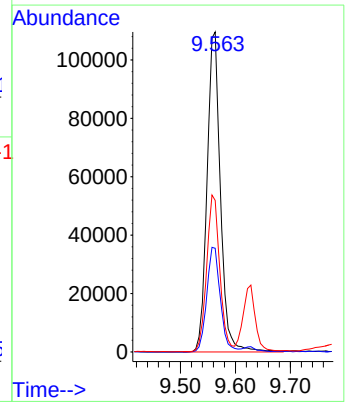


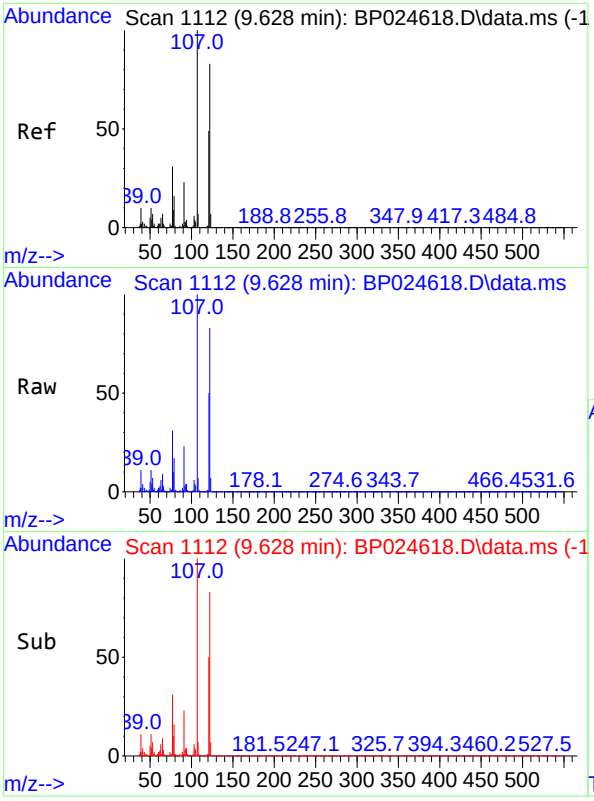


#26
2-Nitrophenol
Concen: 40.24 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:139 Resp: 185587

Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.9	38.9
65	47.4	37.9	56.9



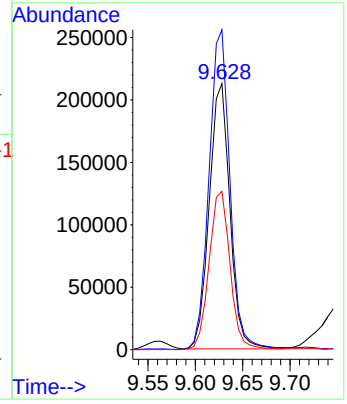


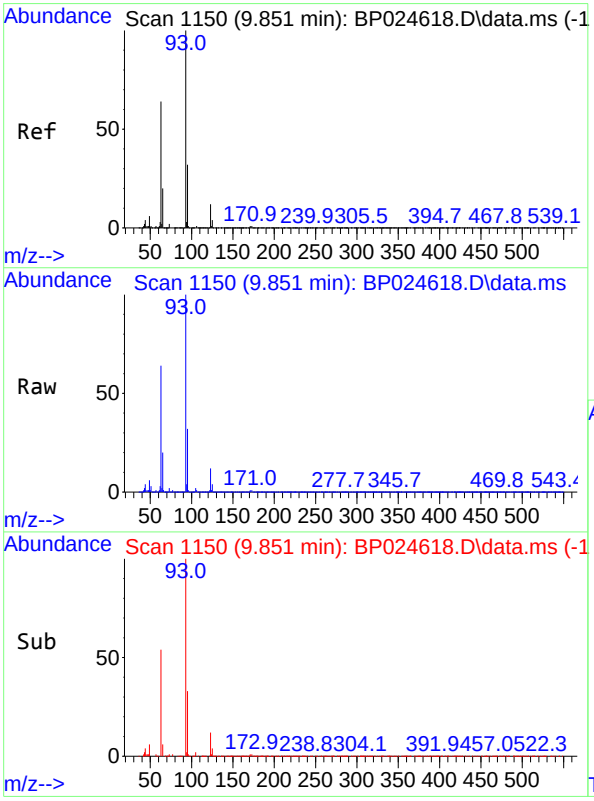
#27
2,4-Dimethylphenol
Concen: 39.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 322227

Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.5	47.6	71.4

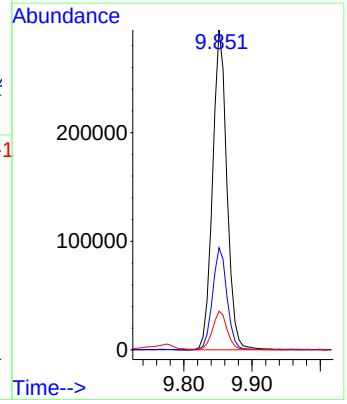


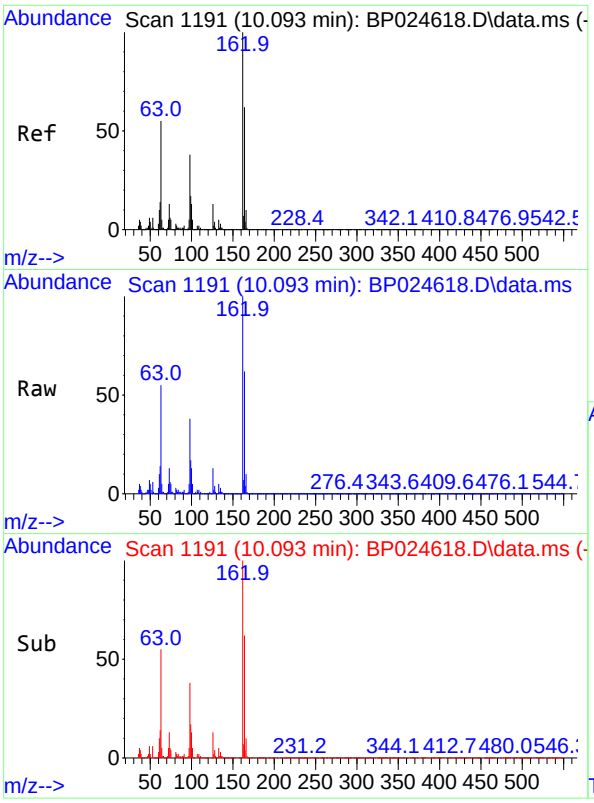


#28
bis(2-Chloroethoxy)methane
Concen: 38.88 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 93 Resp: 430958

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.1	9.7	14.5



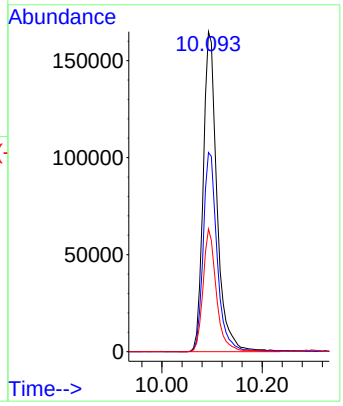


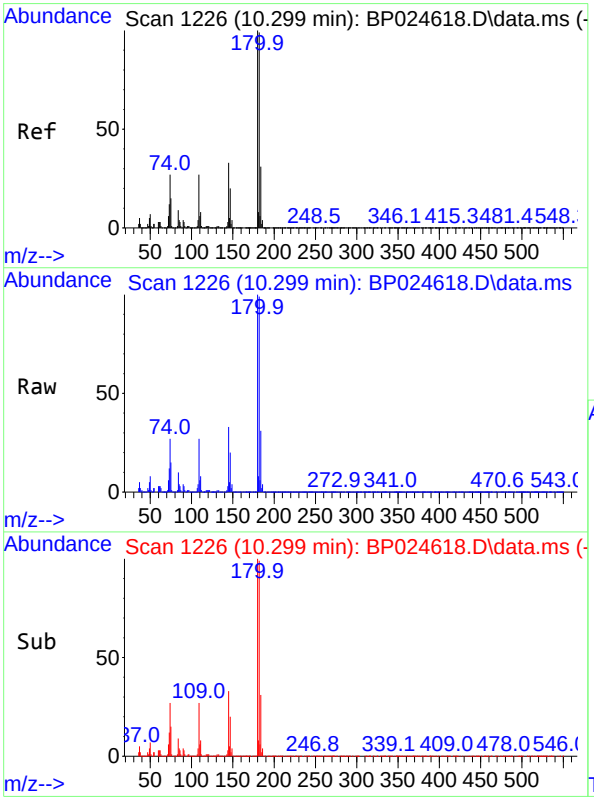
#29
2,4-Dichlorophenol
Concen: 39.95 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 314830

Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.3	82.3
98	38.4	18.4	58.4

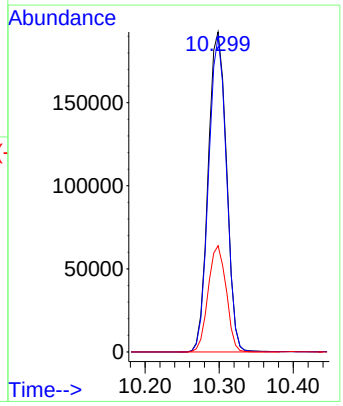


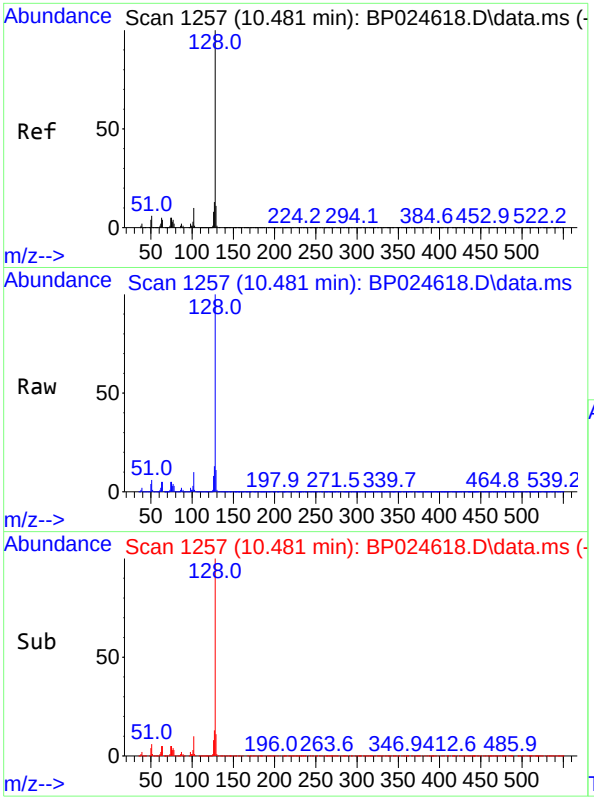


#30
1,2,4-Trichlorobenzene
Concen: 37.23 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:180 Resp: 330659

Ion	Ratio	Lower	Upper
180	100		
182	98.7	79.0	118.4
145	33.2	26.6	39.8



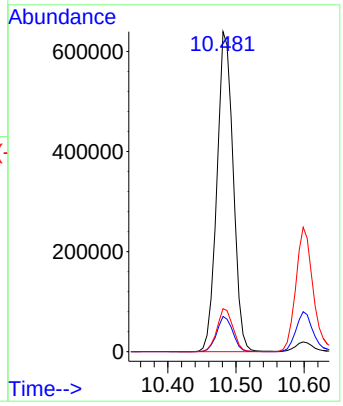


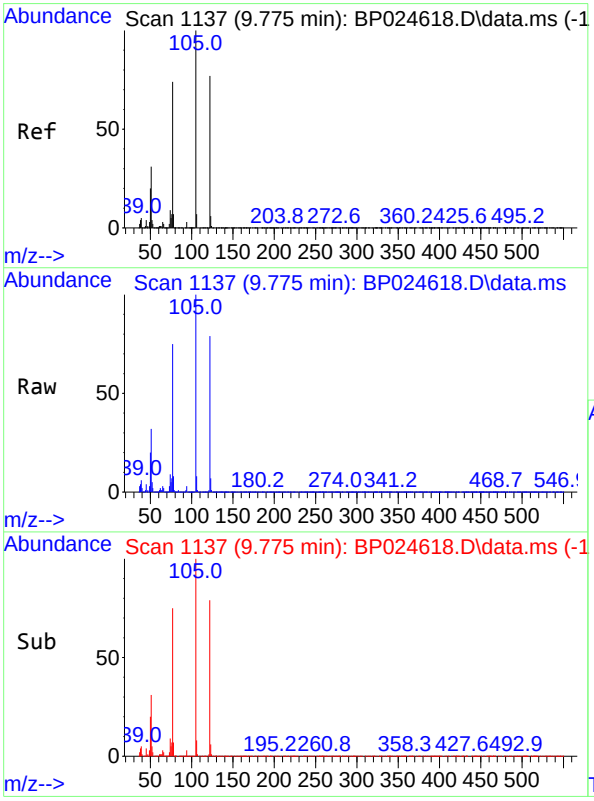
#31
Naphthalene
Concen: 37.82 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1059316

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.7	16.1

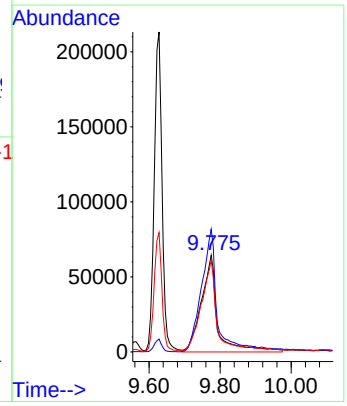


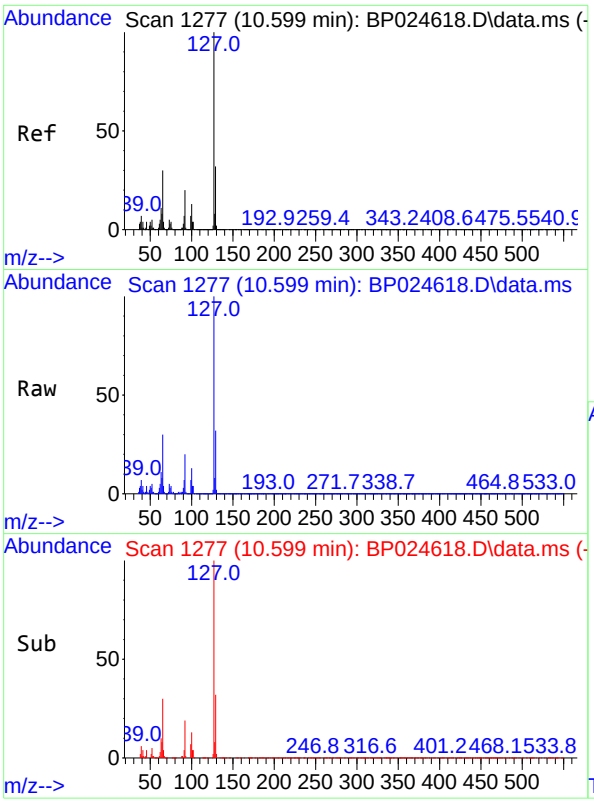


#32
Benzoic acid
Concen: 38.01 ng m
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:122 Resp: 206829

Ion	Ratio	Lower	Upper
122	100		
105	126.9	106.9	146.9
77	95.1	75.1	115.1



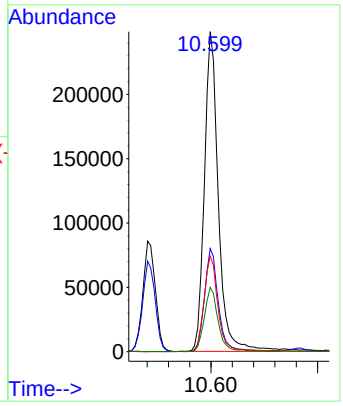


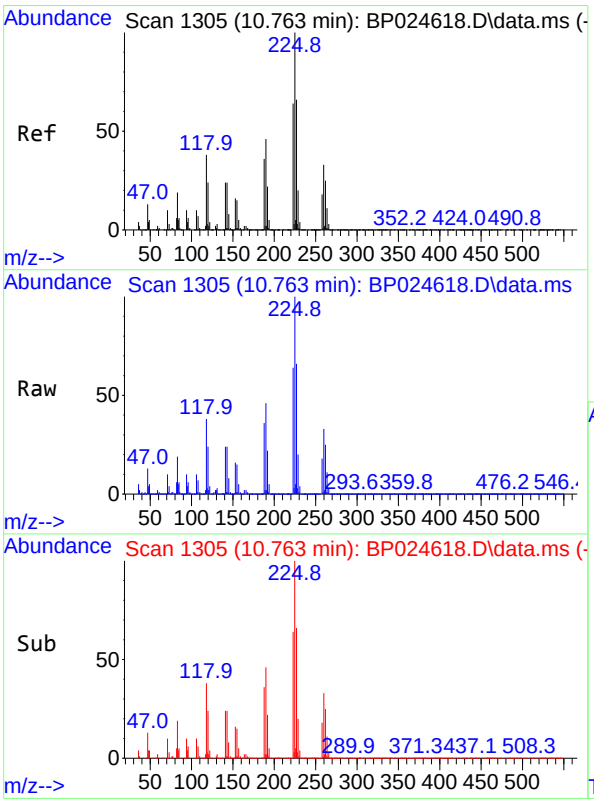
#33
4-Chloroaniline
Concen: 40.01 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 452150

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	29.9	23.9	35.9
92	20.1	16.1	24.1

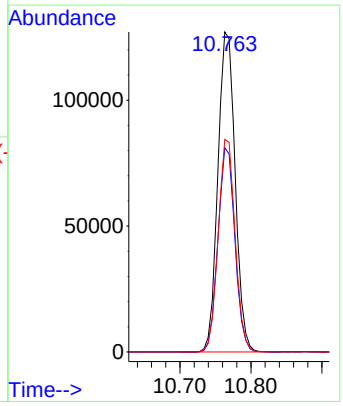


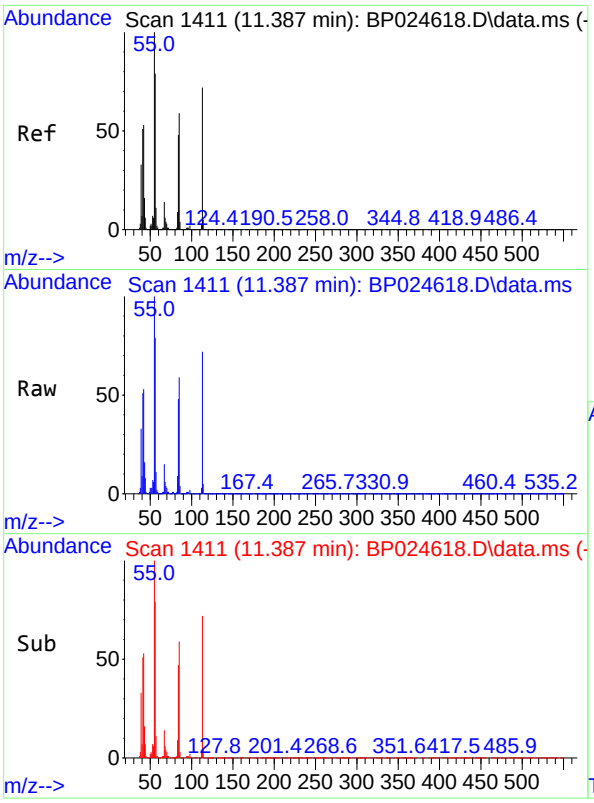


#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:225 Resp: 213978

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	66.4	53.1	79.7



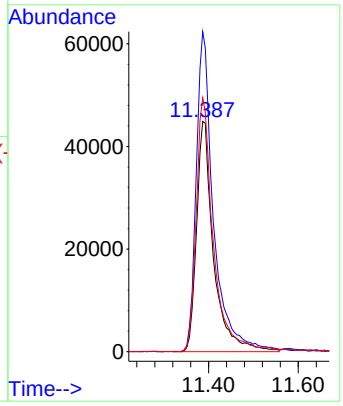


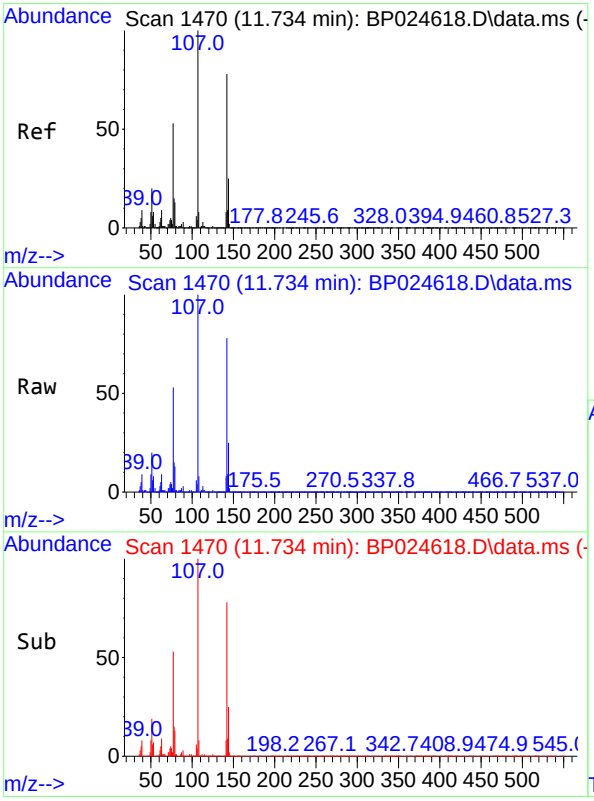
#35
Caprolactam
Concen: 41.43 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 118047

Ion	Ratio	Lower	Upper
113	100		
55	139.0	119.0	159.0
56	110.3	90.3	130.3

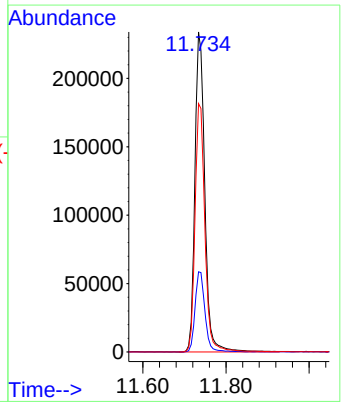


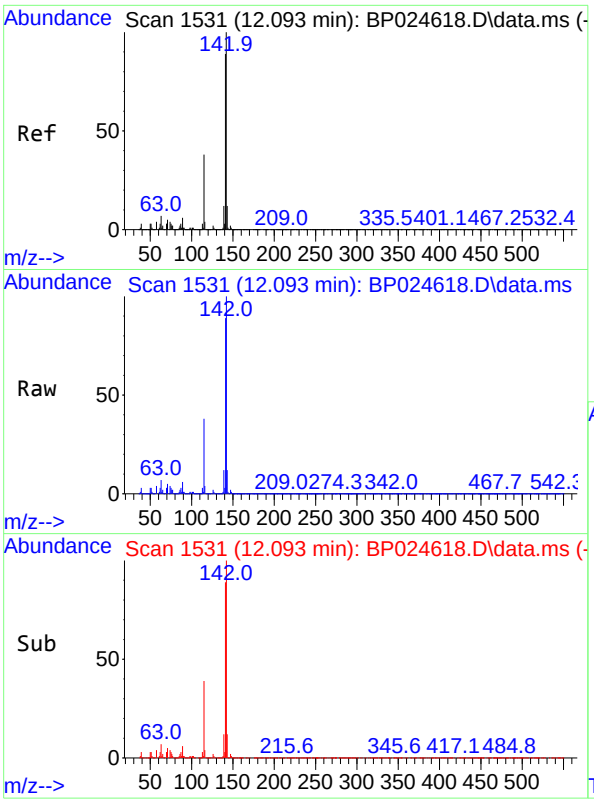


#36
4-Chloro-3-methylphenol
Concen: 40.07 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 385077

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	77.6	62.1	93.1



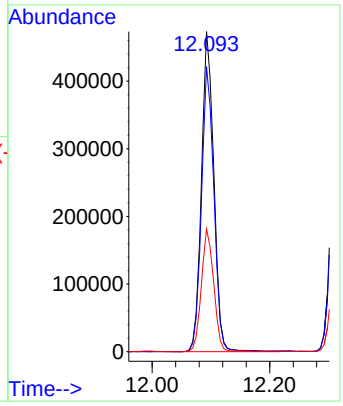


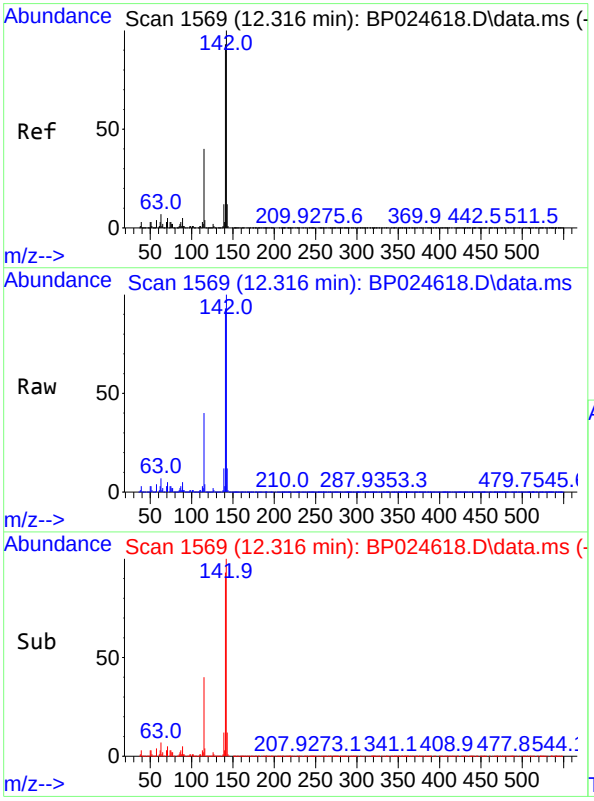
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 692133

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	38.3	30.6	46.0

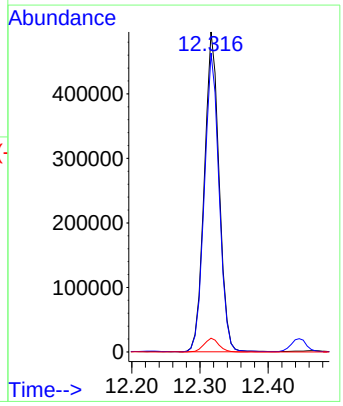


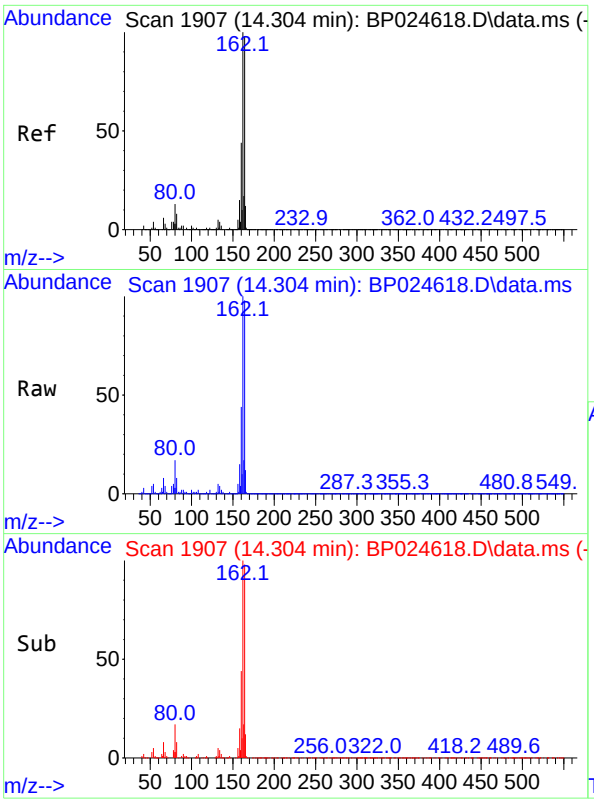


#38
1-Methylnaphthalene
Concen: 38.44 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:142 Resp: 745849

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.3	3.4	5.2



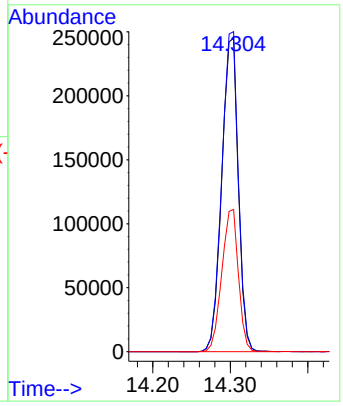


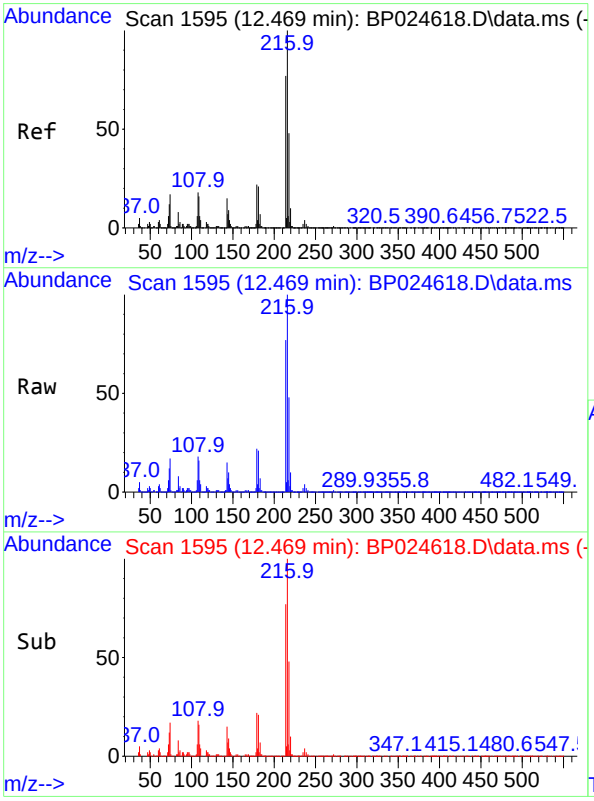
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 362458

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	45.4	36.3	54.5

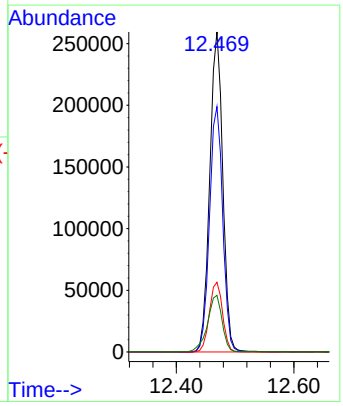


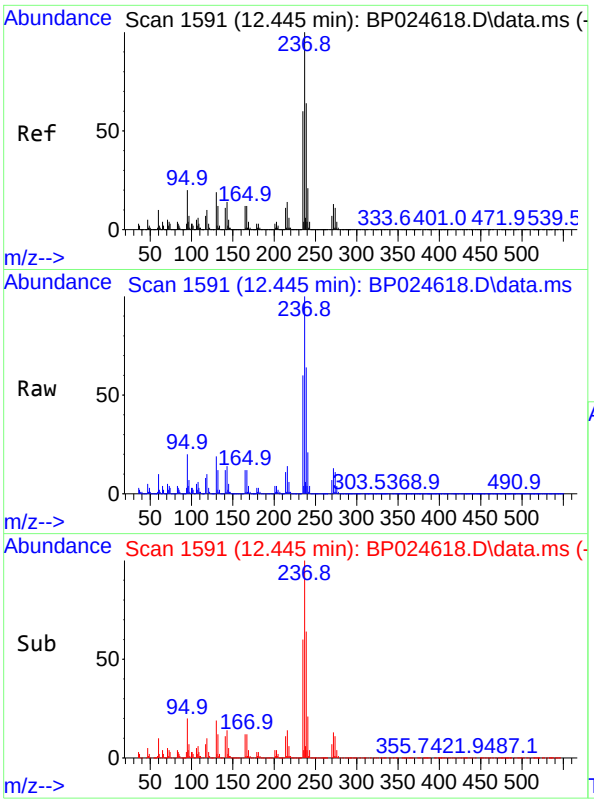


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.84 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:216 Resp: 398230

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.1	17.7	26.5
108	20.0	16.0	24.0



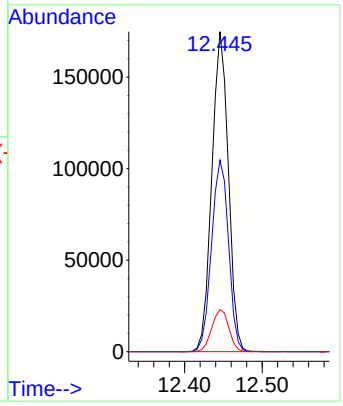


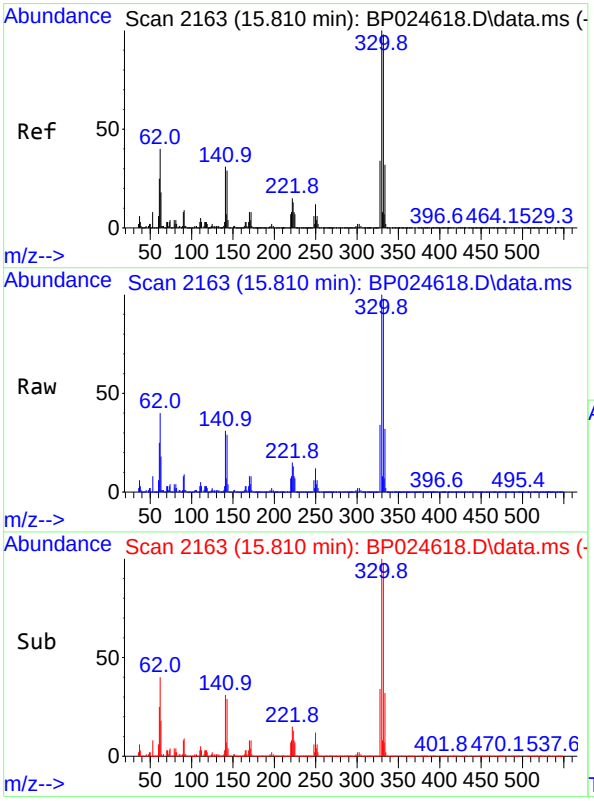
#41
Hexachlorocyclopentadiene
Concen: 40.48 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 258329

Ion	Ratio	Lower	Upper
237	100		
235	59.9	39.9	79.9
272	13.2	0.0	33.2

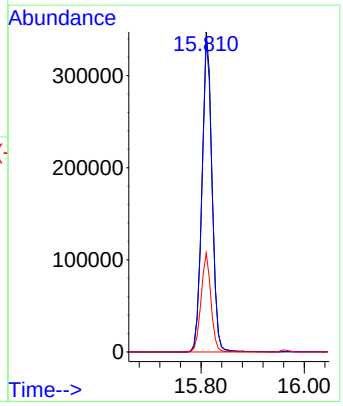


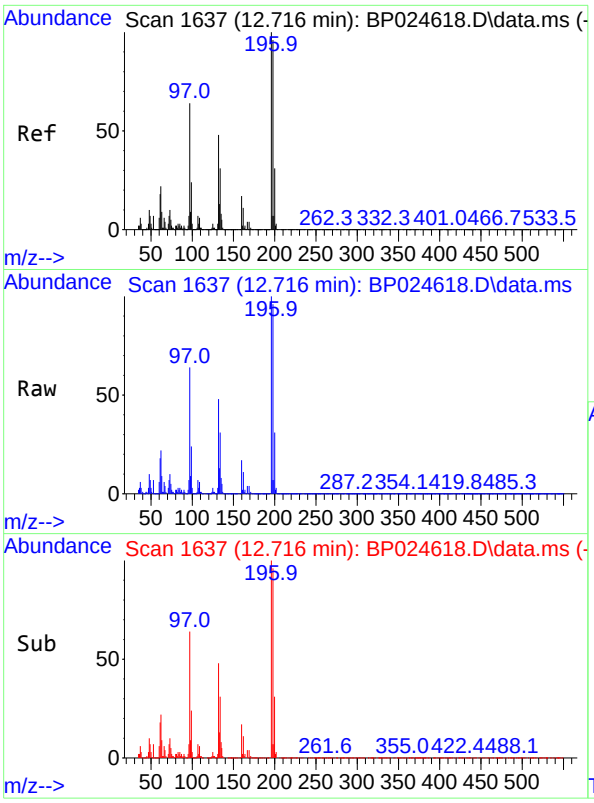


#42
2,4,6-Tribromophenol
Concen: 76.13 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:330 Resp: 467808

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	30.4	24.3	36.5



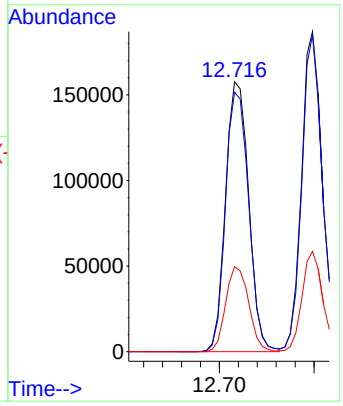


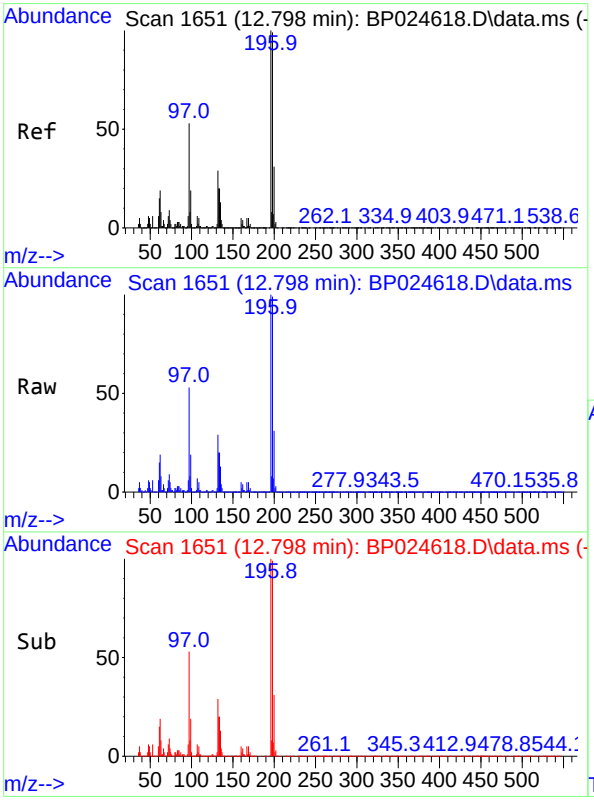
#43
2,4,6-Trichlorophenol
Concen: 39.41 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 268675

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.9	115.3
200	31.5	25.2	37.8

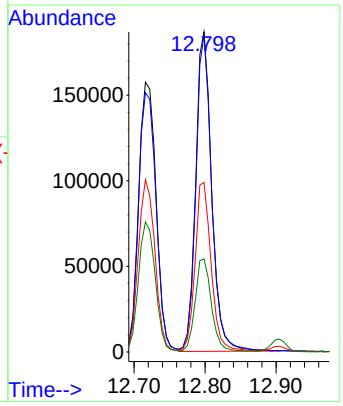


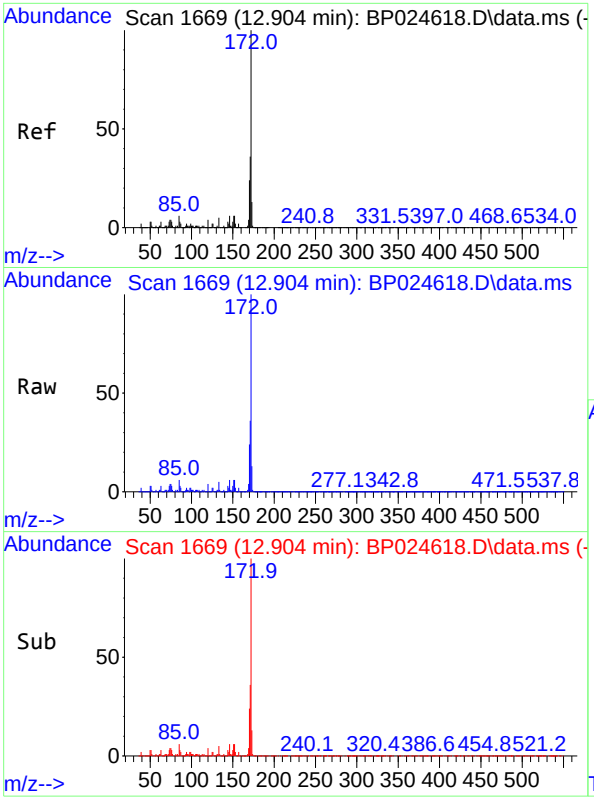


#44
2,4,5-Trichlorophenol
Concen: 38.62 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:196 Resp: 293079

Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.2	118.8
97	52.9	42.3	63.5
132	29.1	23.3	34.9



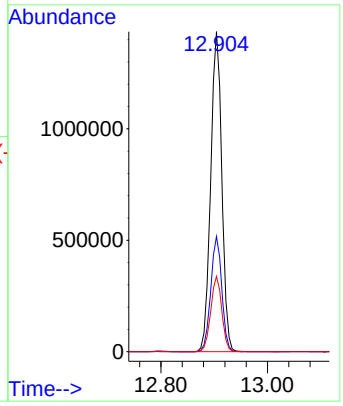


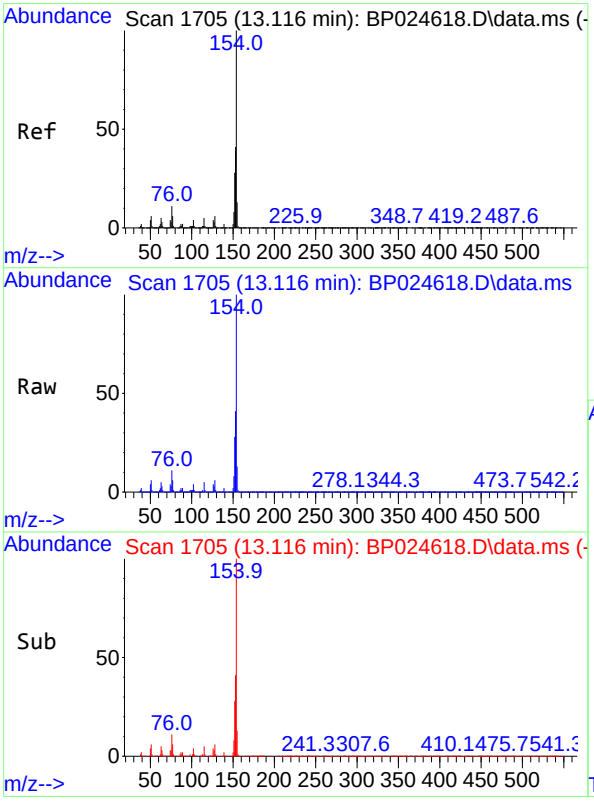
#45
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 2076354

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.5	18.8	28.2

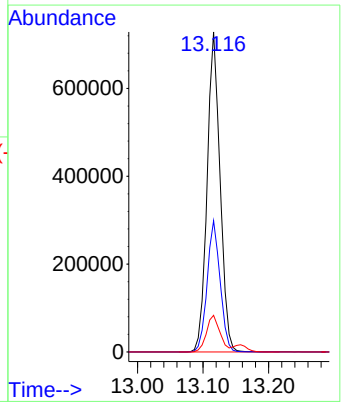


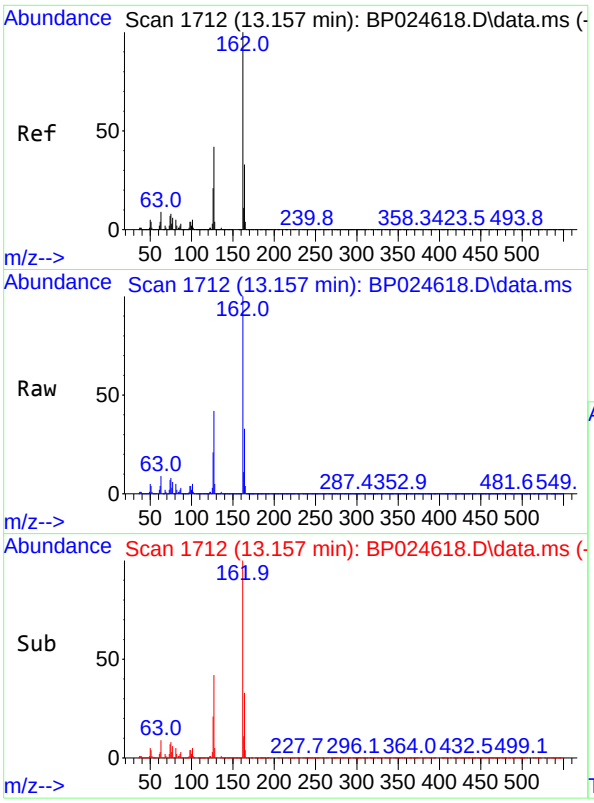


#46
1,1'-Biphenyl
Concen: 37.42 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 1002344

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	11.5	0.0	31.5



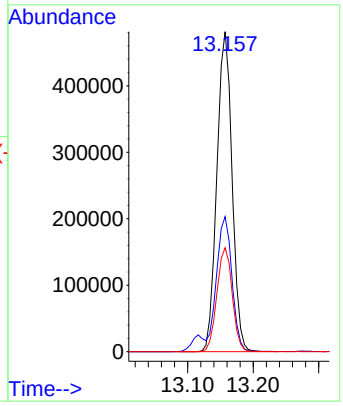


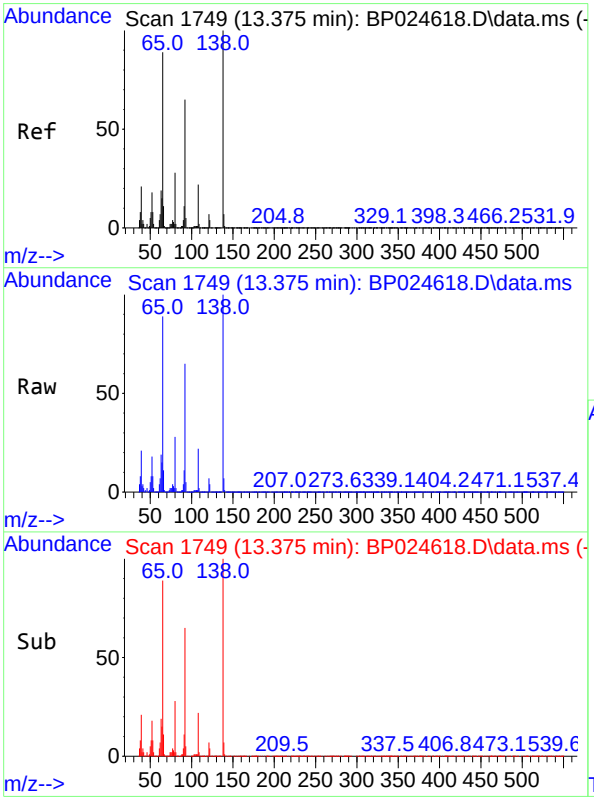
#47
2-Chloronaphthalene
Concen: 37.79 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 771952

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.8	50.6
164	32.5	26.0	39.0

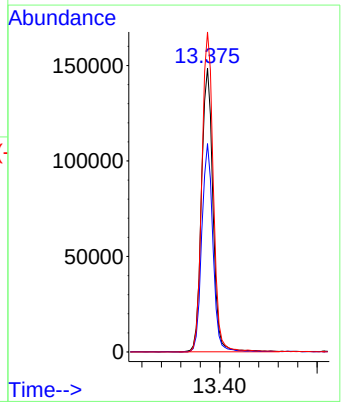


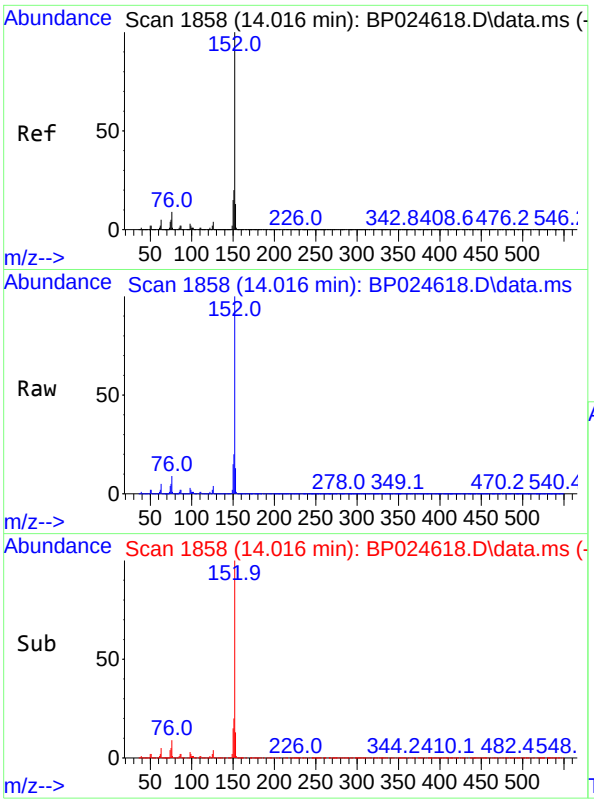


#48
2-Nitroaniline
Concen: 40.10 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 65 Resp: 242485

Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	112.7	90.2	135.2



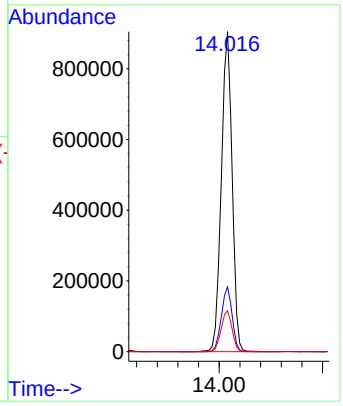


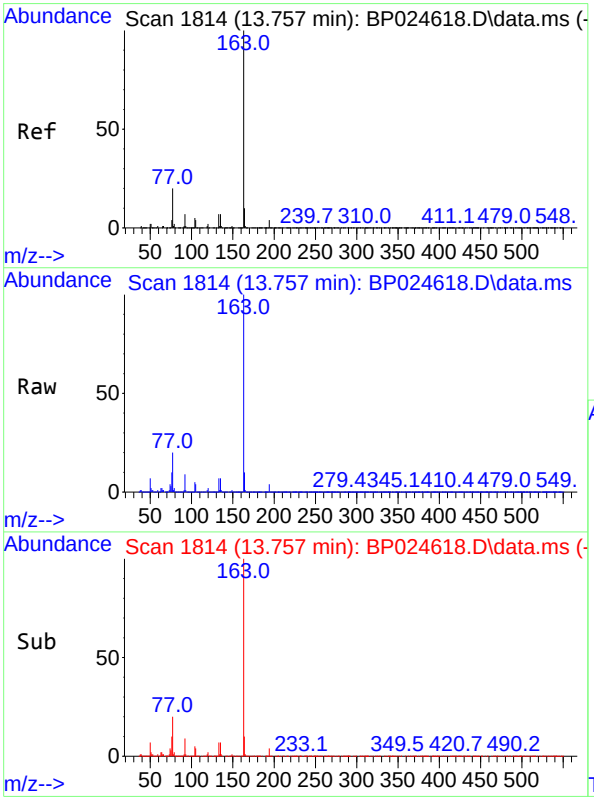
#49
Acenaphthylene
Concen: 38.26 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 1307740

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.8	10.2	15.4

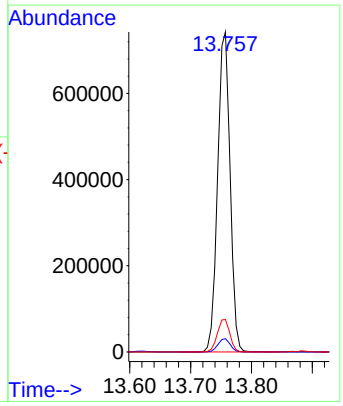


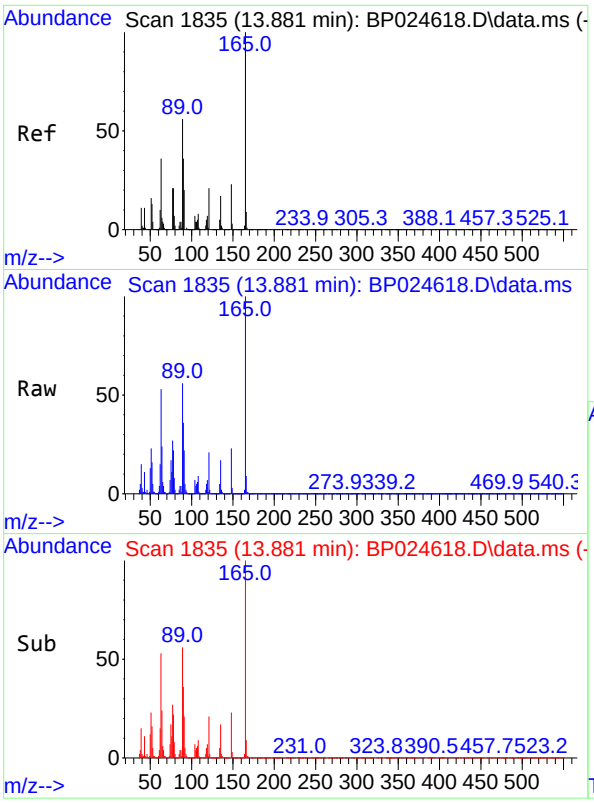


#50
Dimethylphthalate
Concen: 38.04 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:163 Resp: 1051056

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1



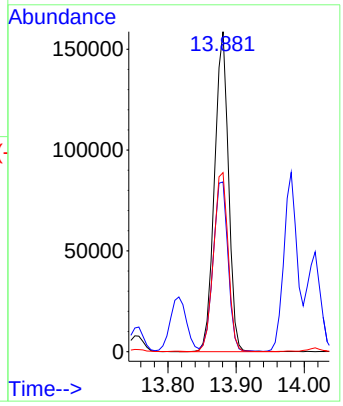


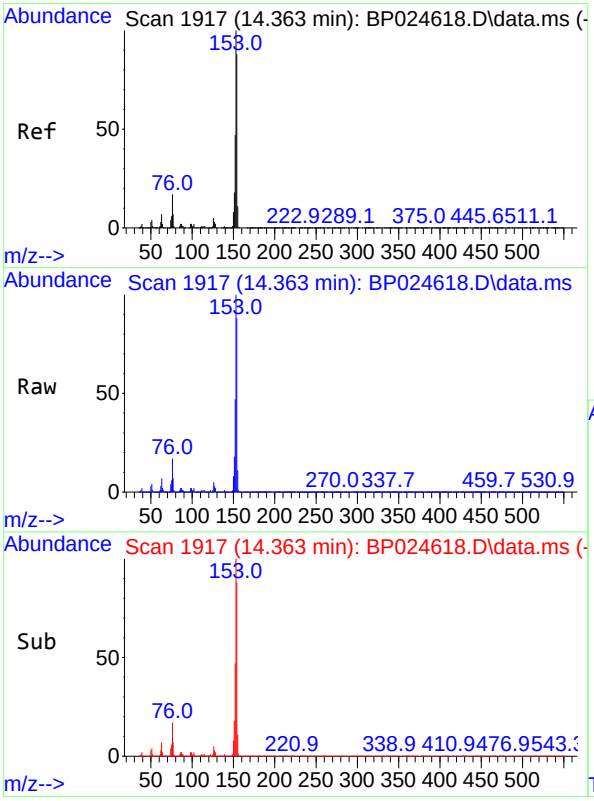
#51
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 13.881 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 226086

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	56.0	44.8	67.2

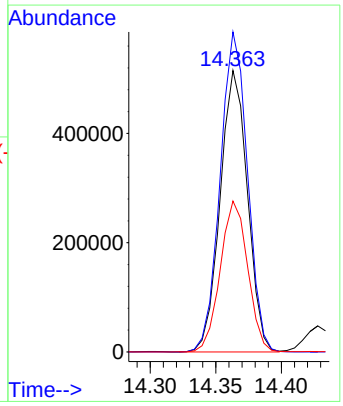


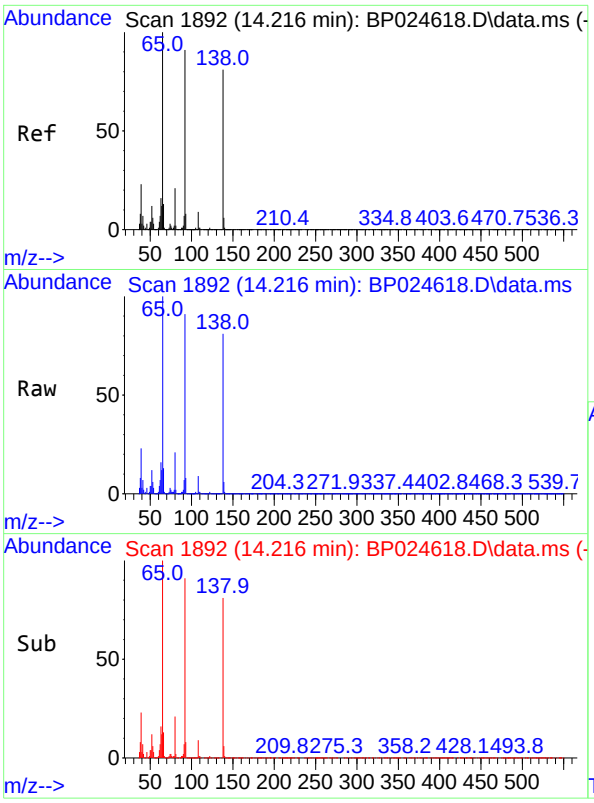


#52
Acenaphthene
Concen: 37.93 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 745335

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	53.6	42.9	64.3



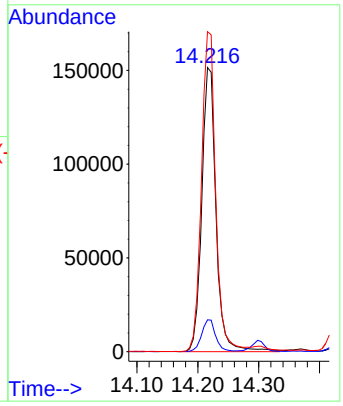


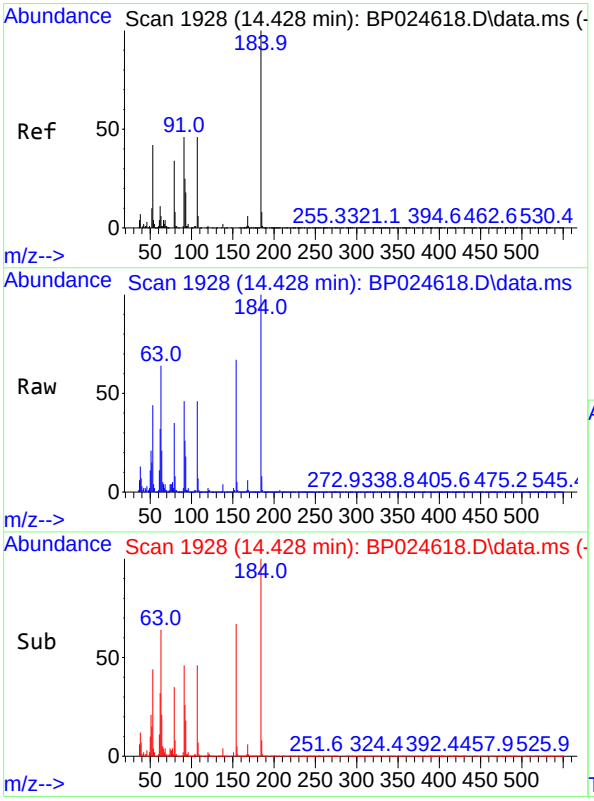
#53
3-Nitroaniline
Concen: 41.39 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 246561

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	112.6	90.1	135.1

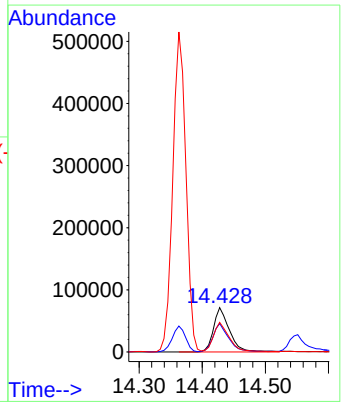


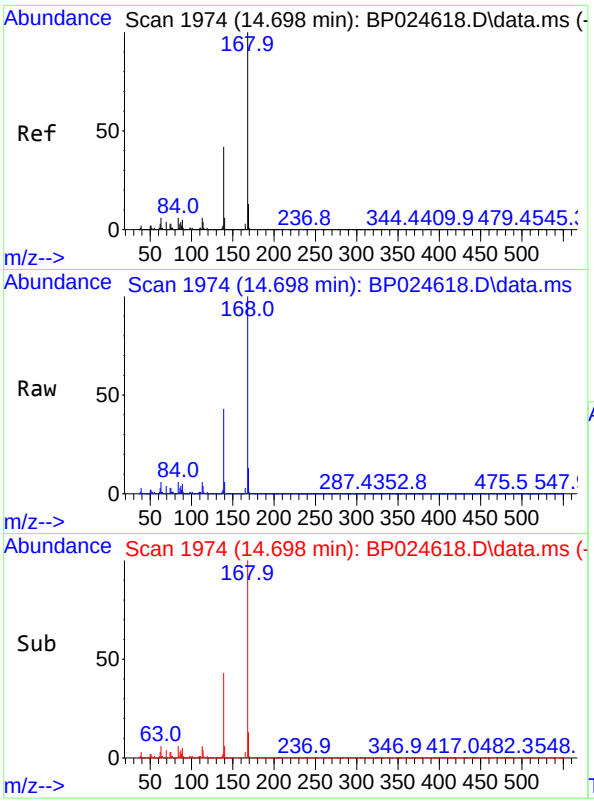


#54
2,4-Dinitrophenol
Concen: 37.54 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:184 Resp: 124517

Ion	Ratio	Lower	Upper
184	100		
63	64.1	51.3	76.9
154	66.9	53.5	80.3



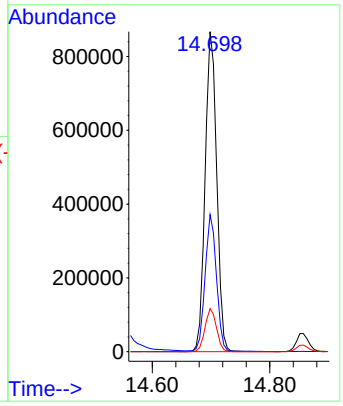


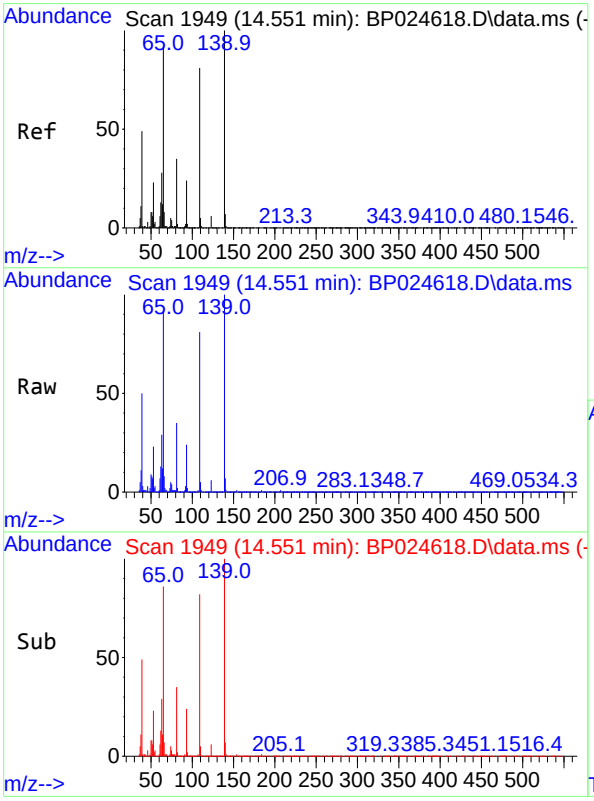
#55
Dibenzofuran
Concen: 37.77 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 1183806

Ion	Ratio	Lower	Upper
168	100		
139	42.8	34.2	51.4
169	13.5	10.8	16.2

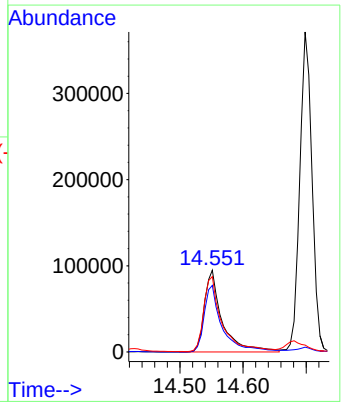


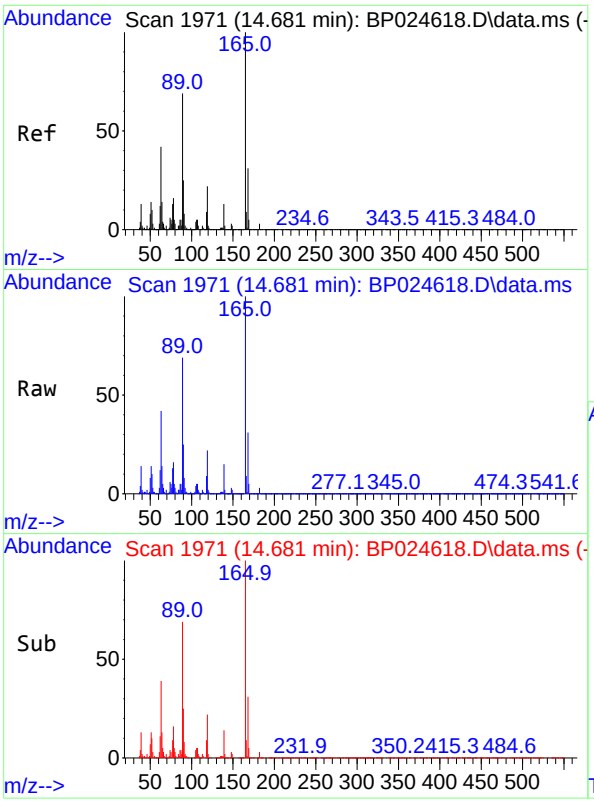


#56
4-Nitrophenol
Concen: 38.41 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:139 Resp: 186112

Ion	Ratio	Lower	Upper
139	100		
109	81.4	61.4	101.4
65	92.2	72.2	112.2



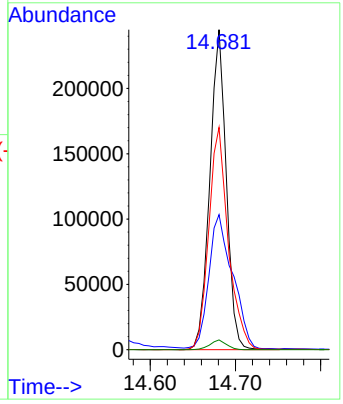


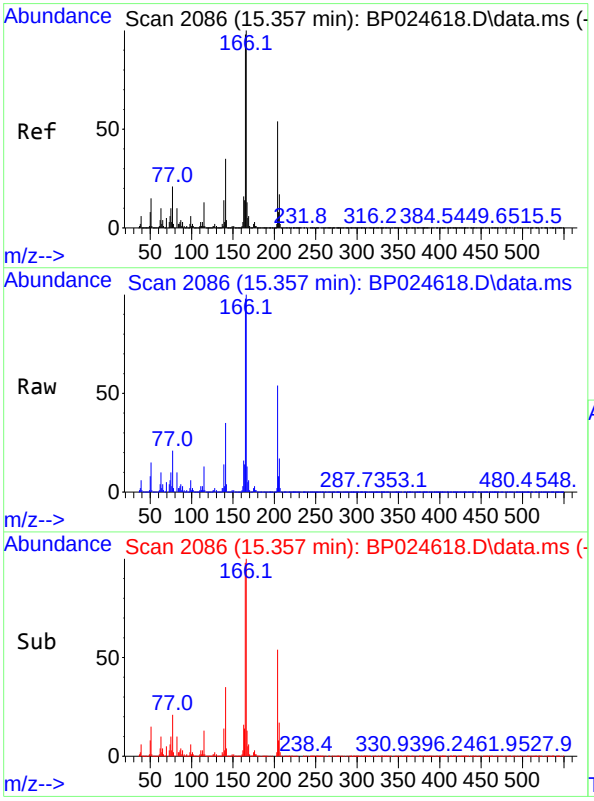
#57
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 329156

Ion	Ratio	Lower	Upper
165	100		
63	42.2	33.8	50.6
89	69.5	55.6	83.4
182	3.0	2.4	3.6

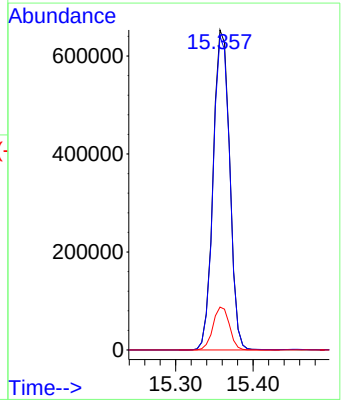


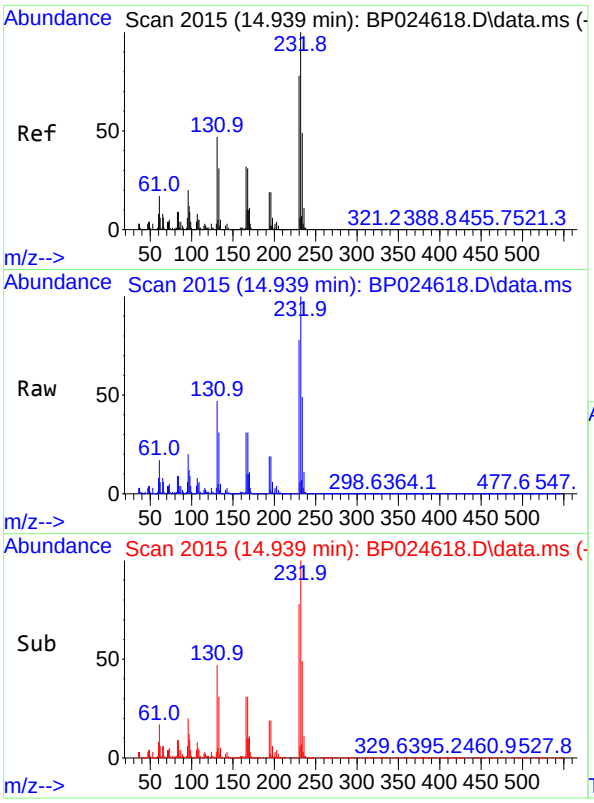


#58
Fluorene
Concen: 37.89 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:166 Resp: 968487

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.4	10.7	16.1



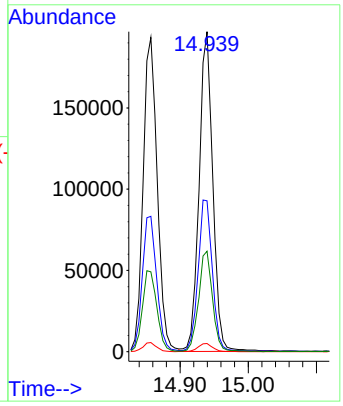


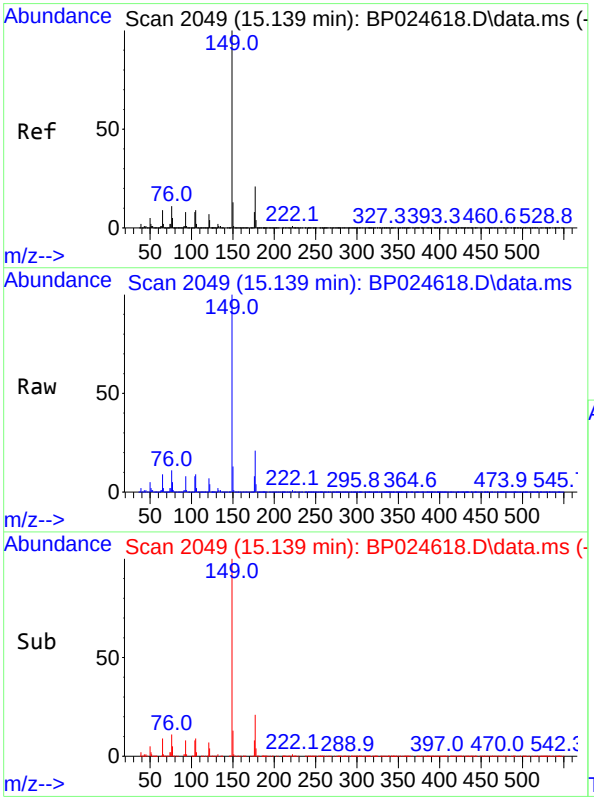
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.98 ng
RT: 14.939 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 274384

Ion	Ratio	Lower	Upper
232	100		
131	49.4	39.5	59.3
130	2.8	2.2	3.4
166	32.1	25.7	38.5

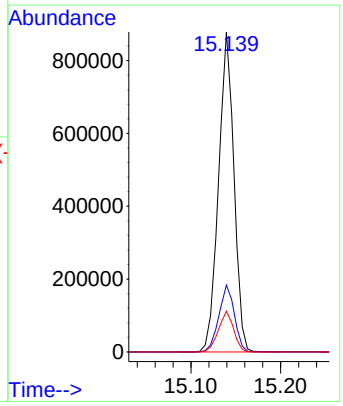


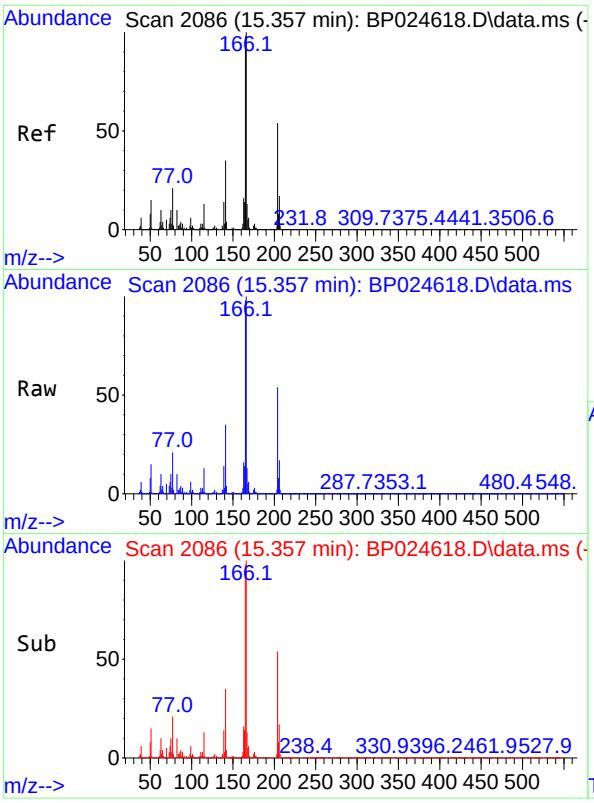


#60
Diethylphthalate
Concen: 37.48 ng
RT: 15.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1046478

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.7	10.2	15.2



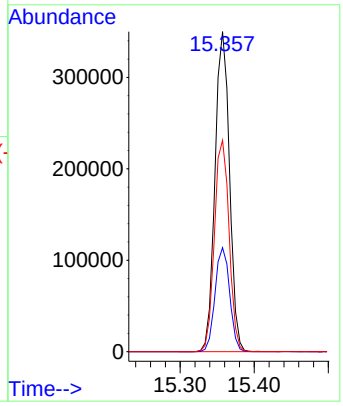


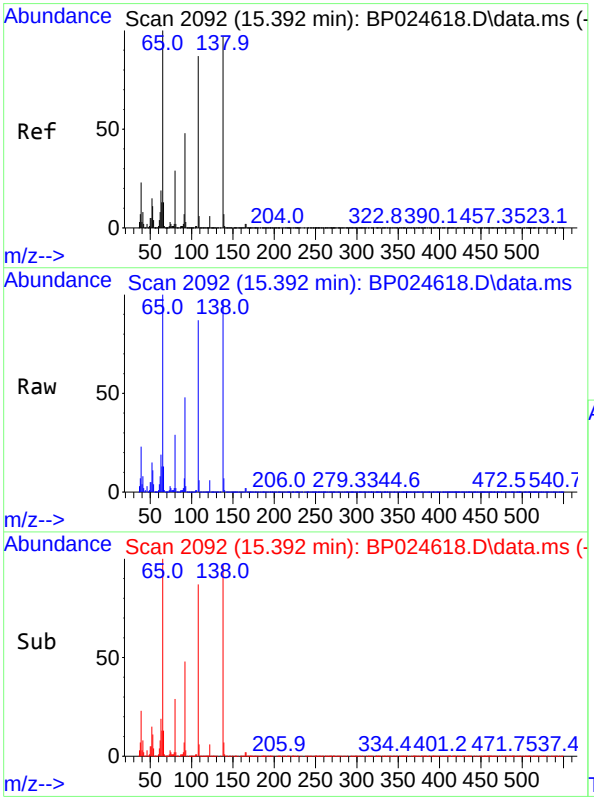
#61
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 15.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 475327

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	66.1	52.9	79.3

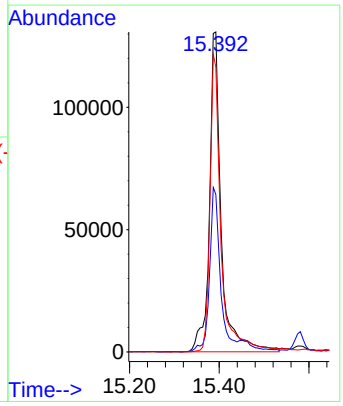


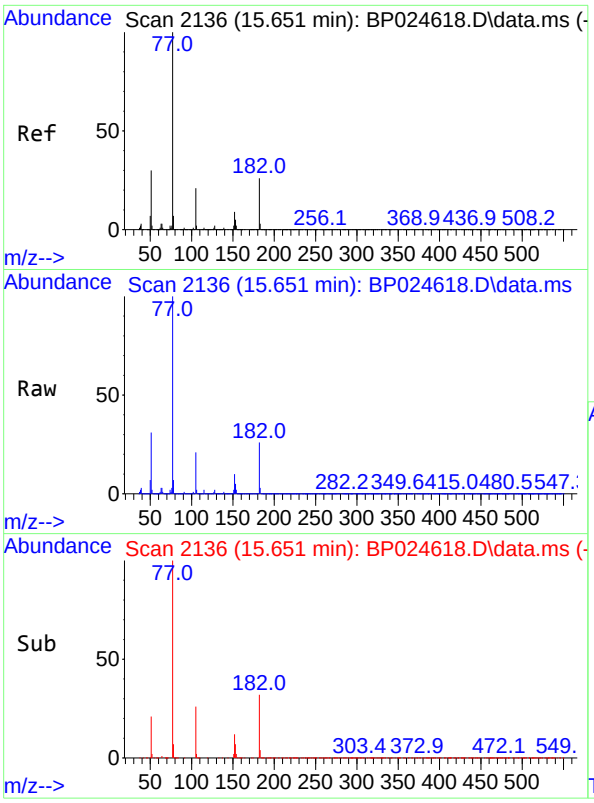


#62
4-Nitroaniline
Concen: 41.24 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:138 Resp: 239212

Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.2	69.2
108	89.0	69.0	109.0



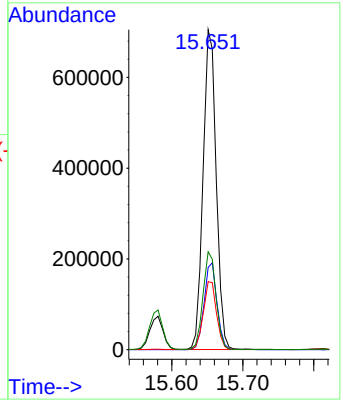


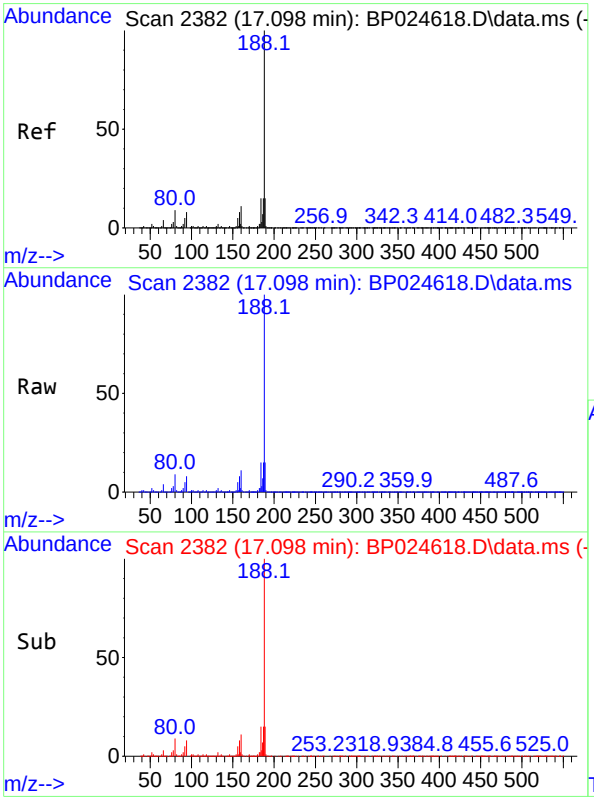
#63
Azobenzene
Concen: 37.94 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 906274

Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.7	45.7
105	21.3	1.3	41.3
51	30.6	10.6	50.6

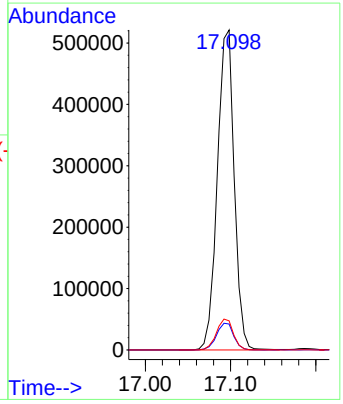


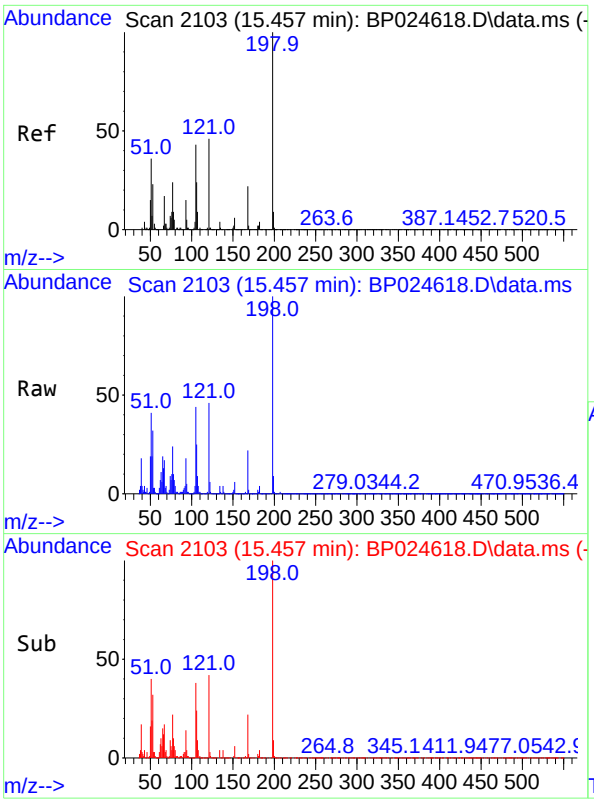


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:188 Resp: 717362

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	9.1	7.3	10.9



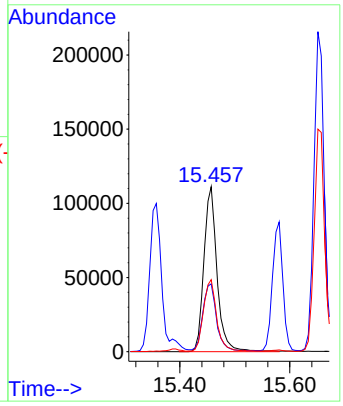


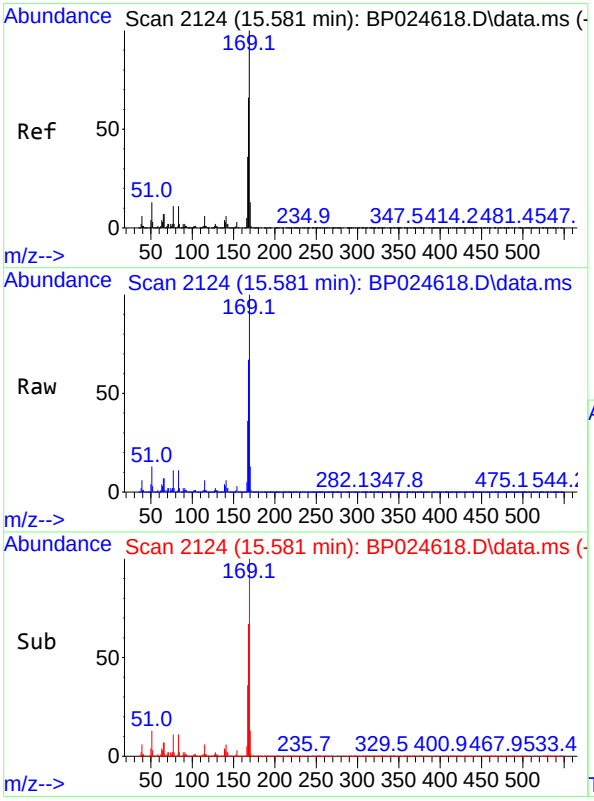
#65
4,6-Dinitro-2-methylphenol
Concen: 39.84 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 184593

Ion	Ratio	Lower	Upper
198	100		
51	41.1	21.1	61.1
105	43.6	23.6	63.6

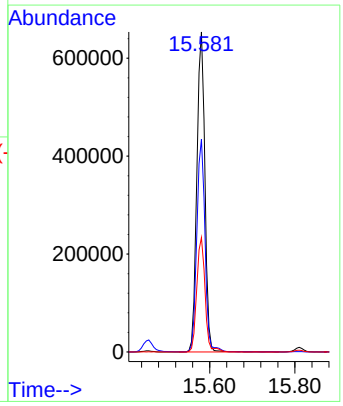


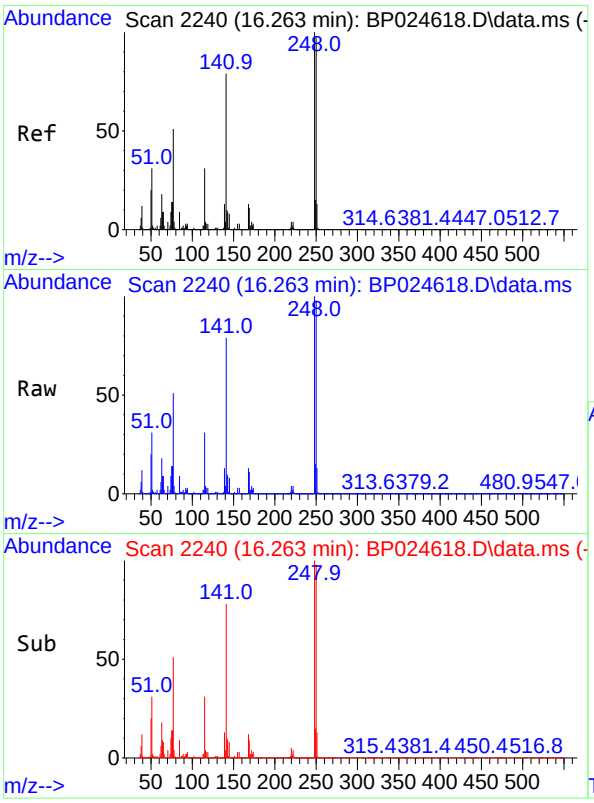


#66
n-Nitrosodiphenylamine
Concen: 38.63 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:169 Resp: 851188

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.8	28.6	43.0



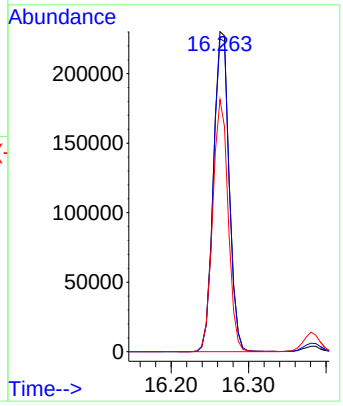


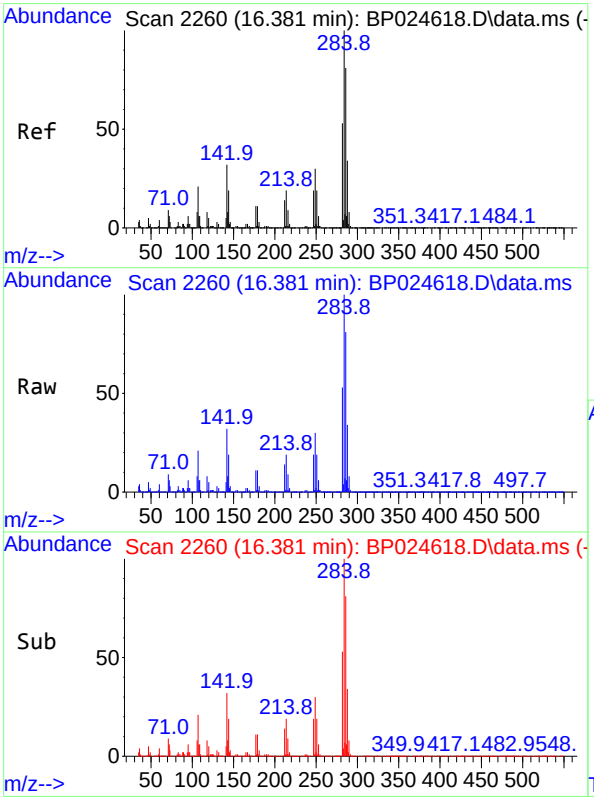
#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 323558

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	78.8	63.0	94.6

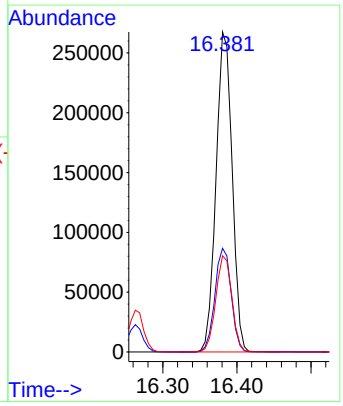


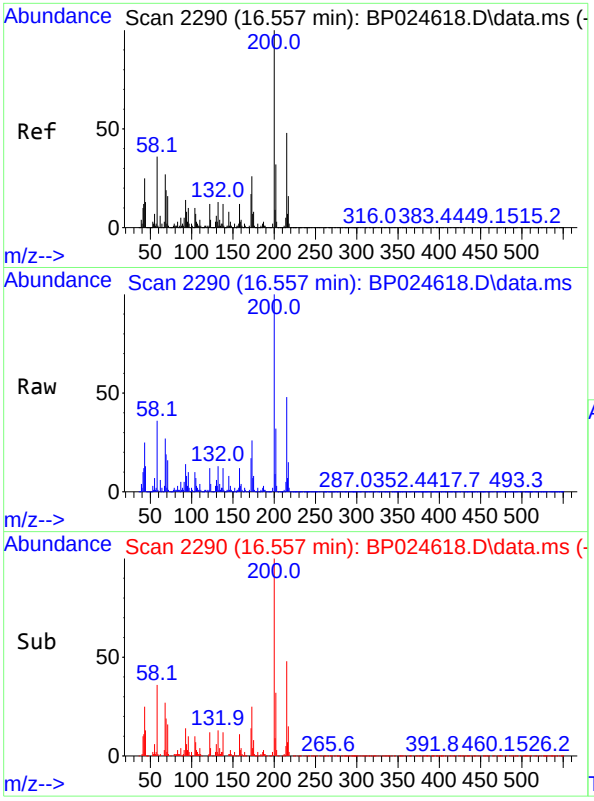


#68
Hexachlorobenzene
Concen: 37.60 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:284 Resp: 403916

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	30.1	24.1	36.1



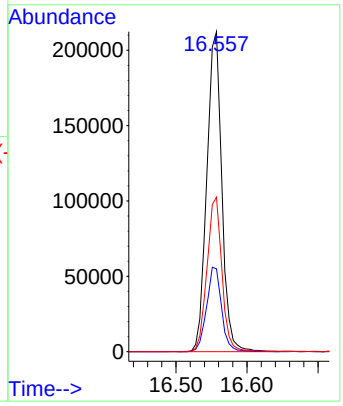


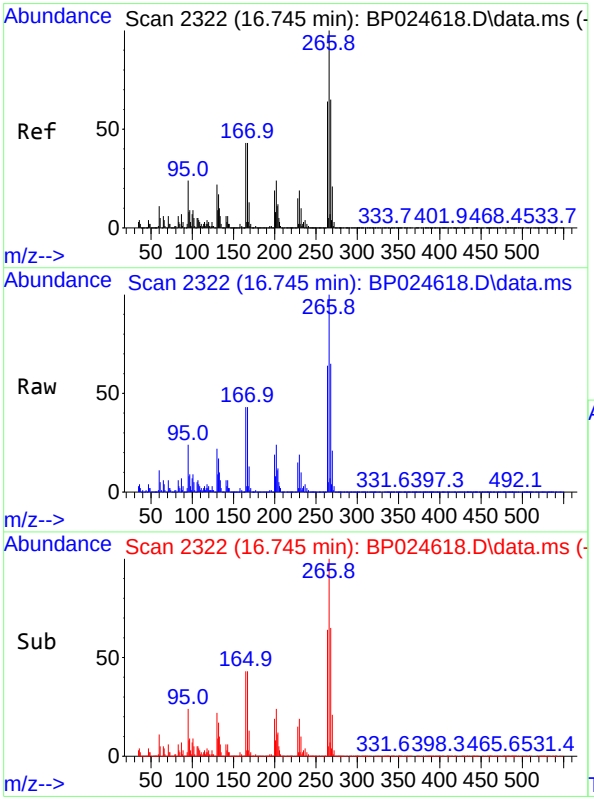
#69
Atrazine
Concen: 38.67 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 312226

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	48.3	28.3	68.3

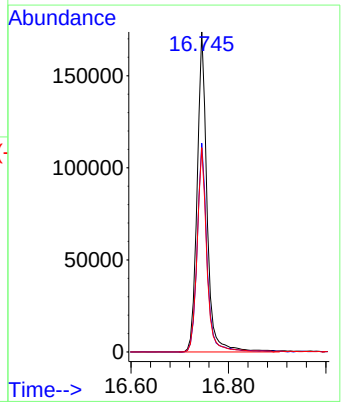


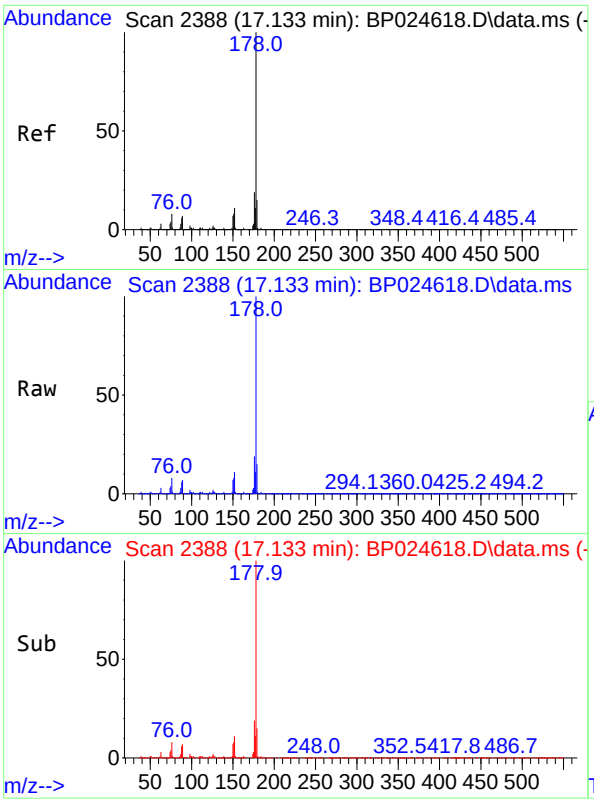


#70
Pentachlorophenol
Concen: 40.91 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:266 Resp: 246828

Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.2	78.4
264	63.9	51.1	76.7



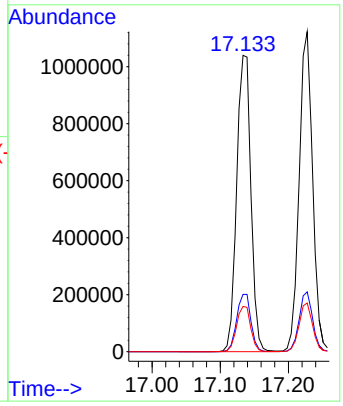


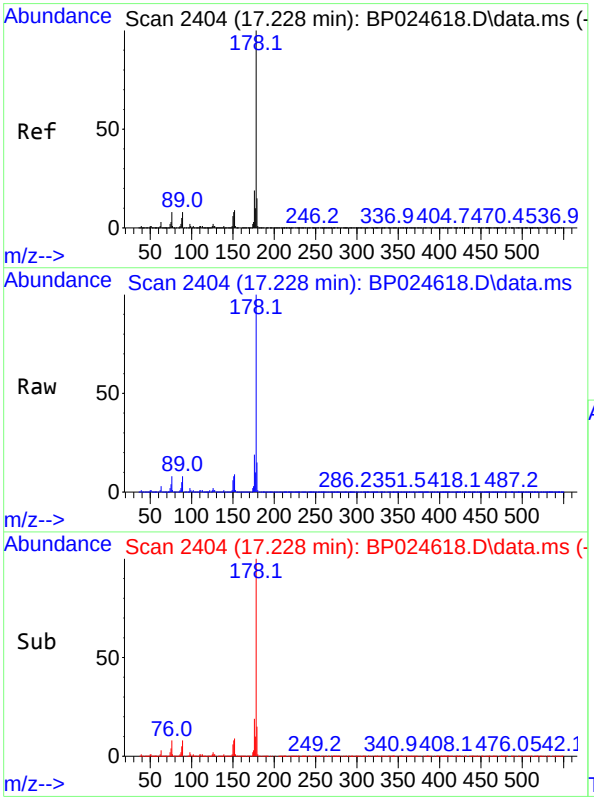
#71
Phenanthrene
Concen: 37.80 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 1507602

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

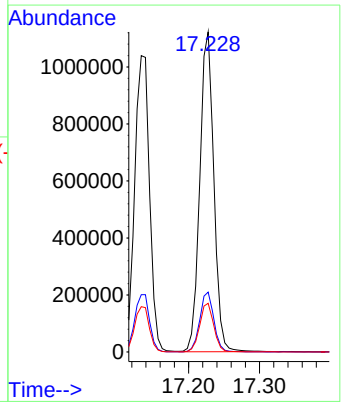


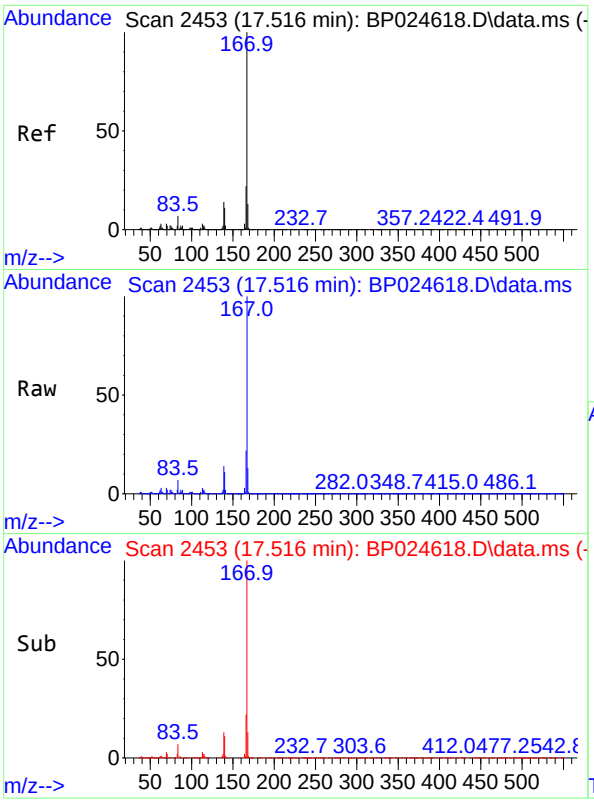


#72
Anthracene
Concen: 38.44 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:178 Resp: 1542275

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.2	18.2



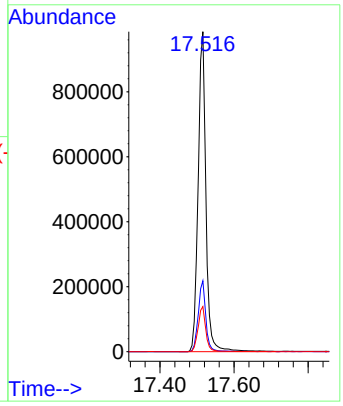


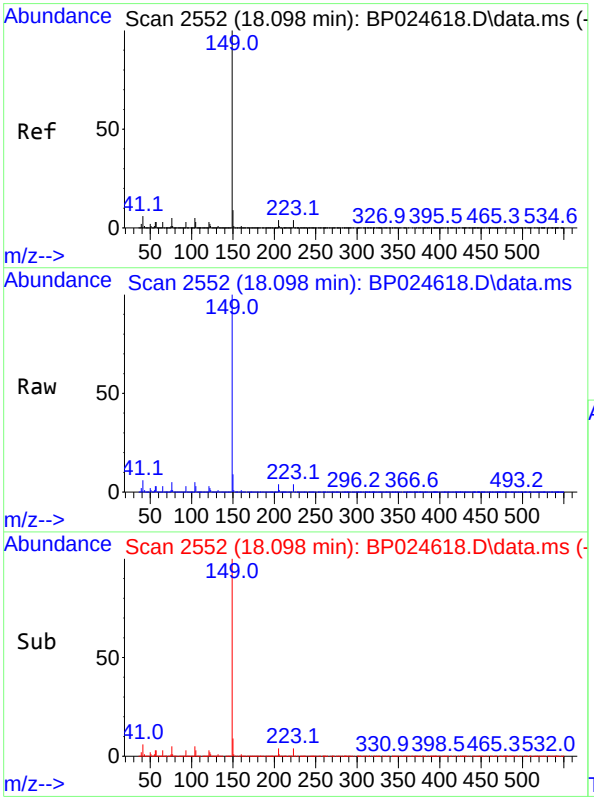
#73
Carbazole
Concen: 39.55 ng
RT: 17.516 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 1436294

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.1	11.3	16.9

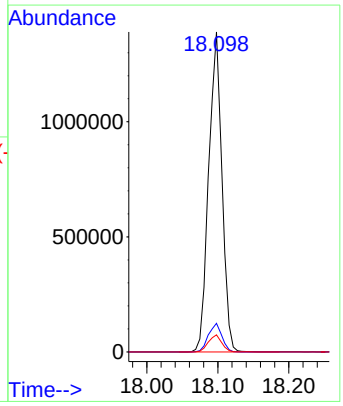


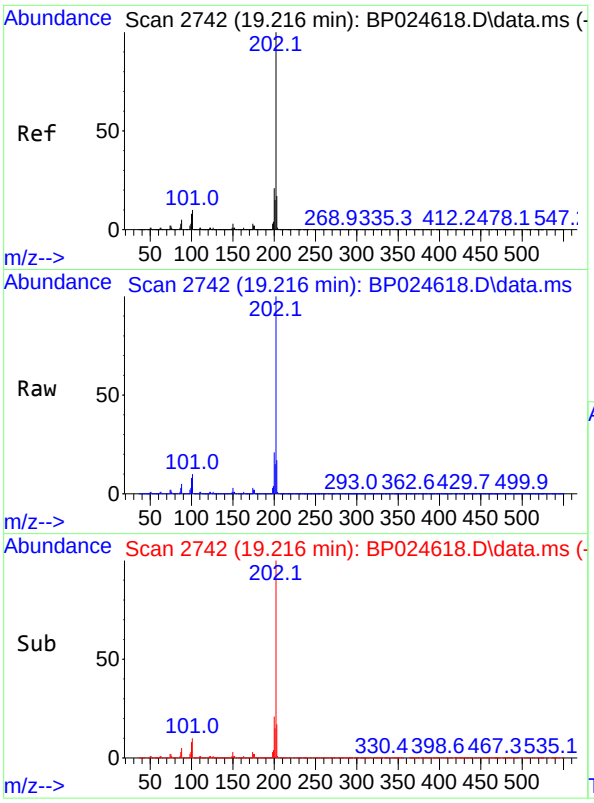


#74
Di-n-butylphthalate
Concen: 38.69 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1807097

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.4	4.3	6.5



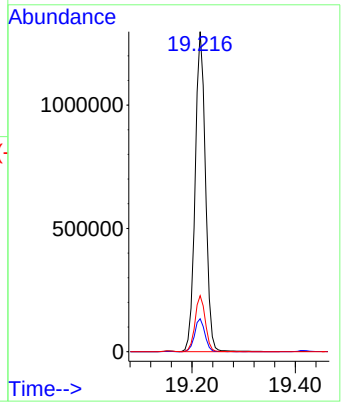


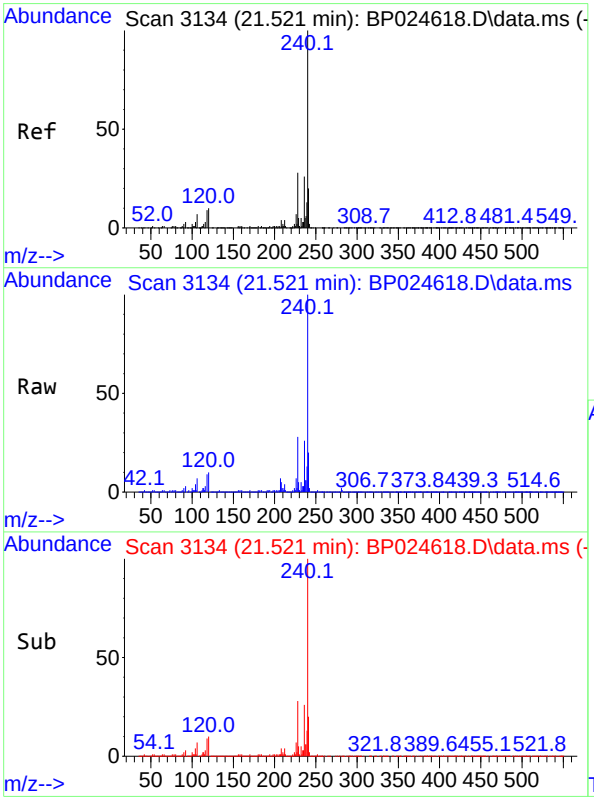
#75
Fluoranthene
Concen: 38.49 ng
RT: 19.216 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 1794046

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
203	17.5	0.0	37.5

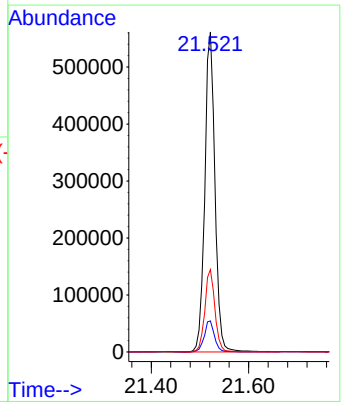


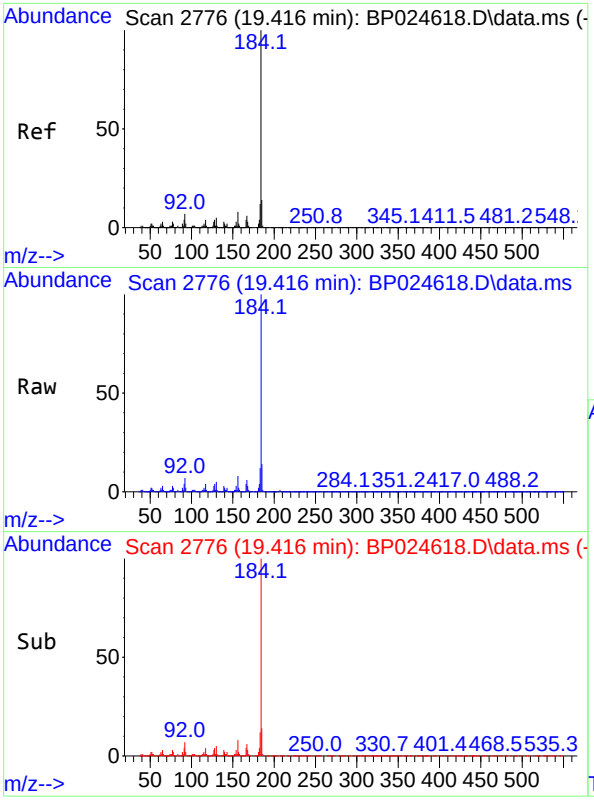


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:240 Resp: 810498

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.8	20.6	31.0



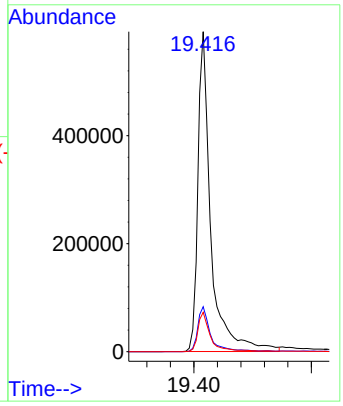


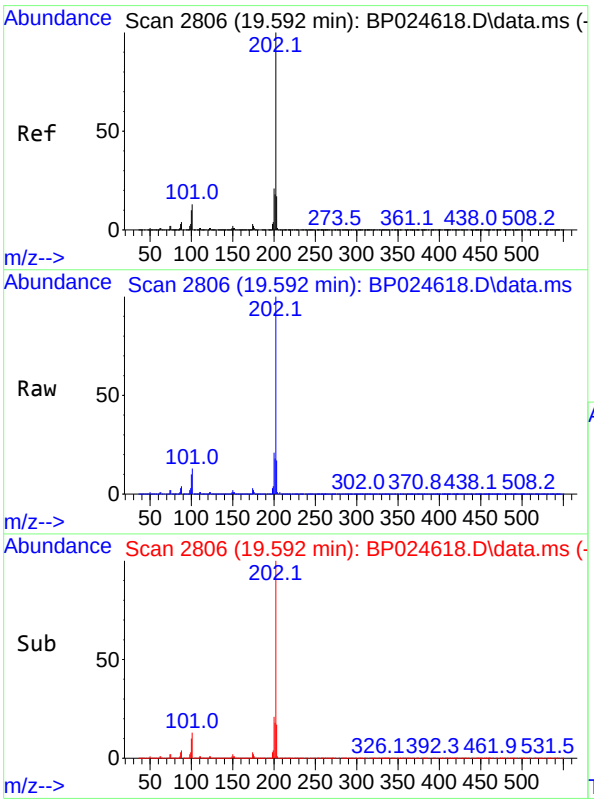
#77
Benzidine
Concen: 40.77 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 907109

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	12.3	9.8	14.8

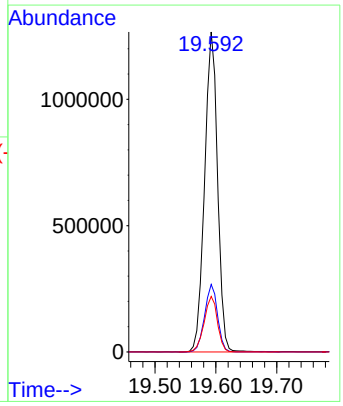


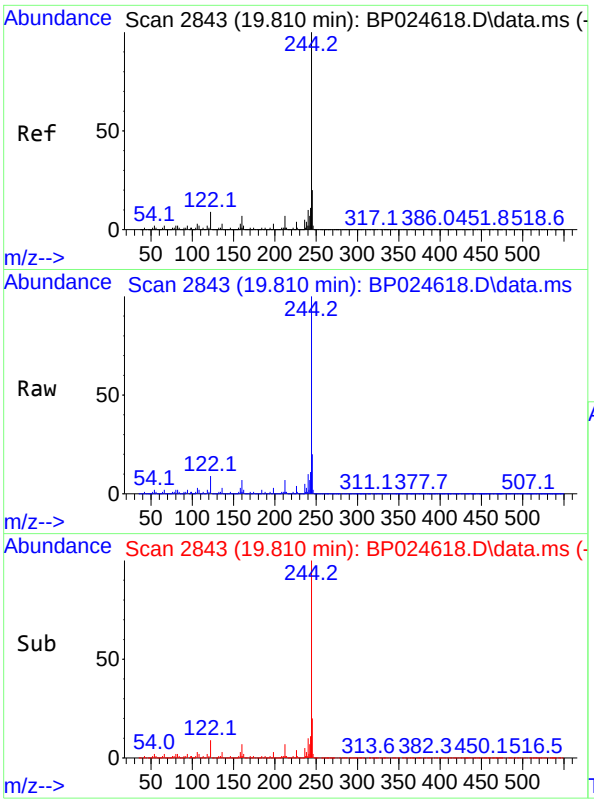


#78
Pyrene
Concen: 38.50 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:202 Resp: 1869519

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9



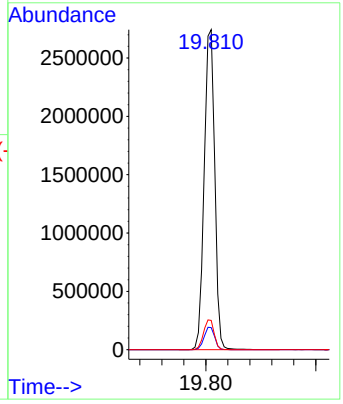


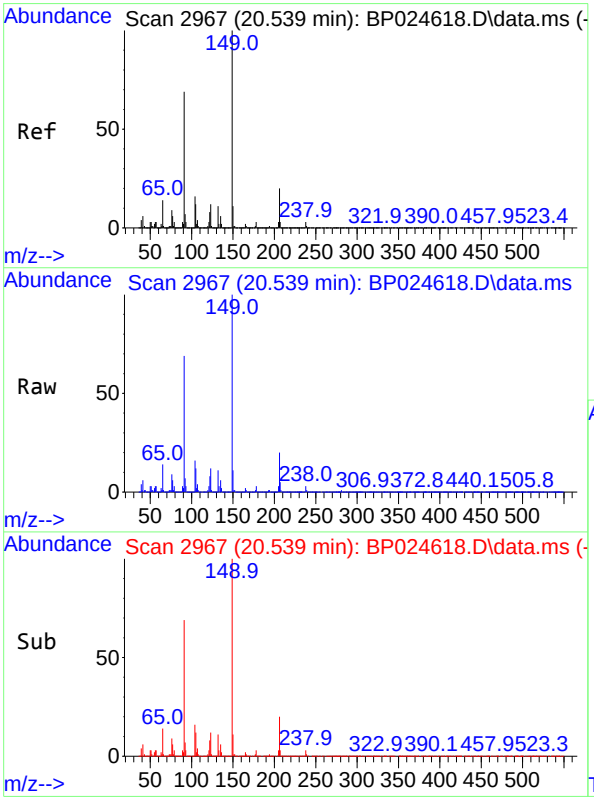
#79
Terphenyl-d14
Concen: 77.18 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 3647961

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.2	7.4	11.0

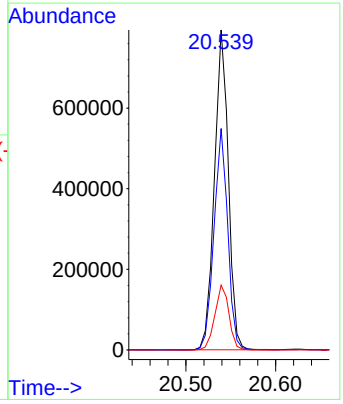


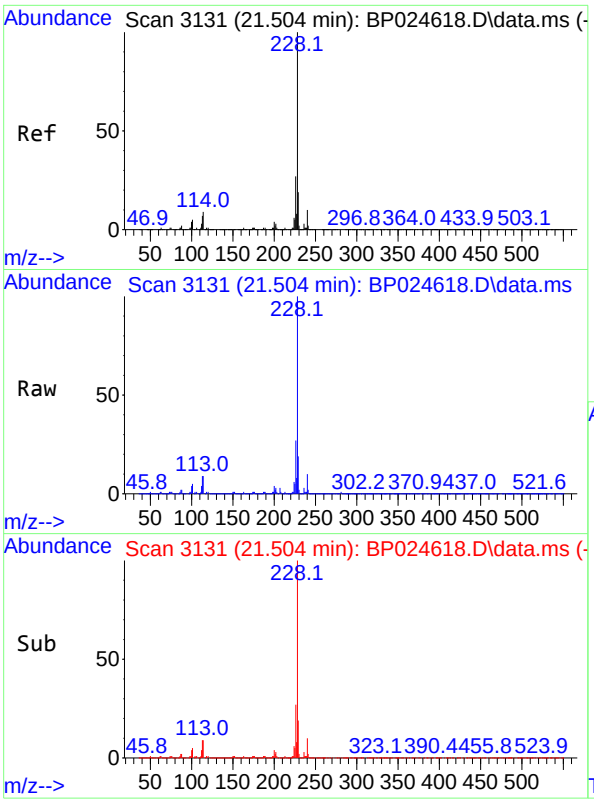


#80
Butylbenzylphthalate
Concen: 39.58 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 854913

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.4	83.0
206	20.2	16.2	24.2



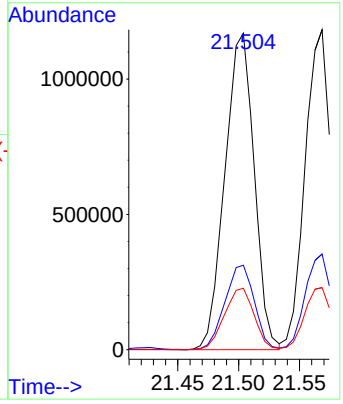


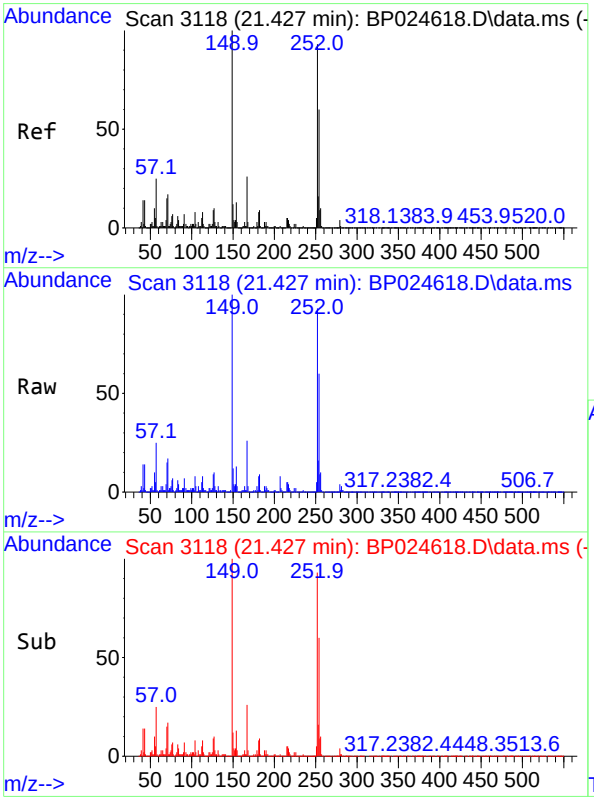
#81
Benzo(a)anthracene
Concen: 38.47 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 1957632

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.4	15.5	23.3

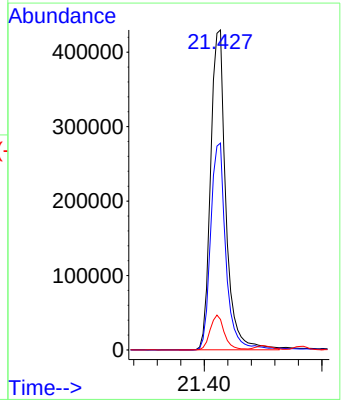


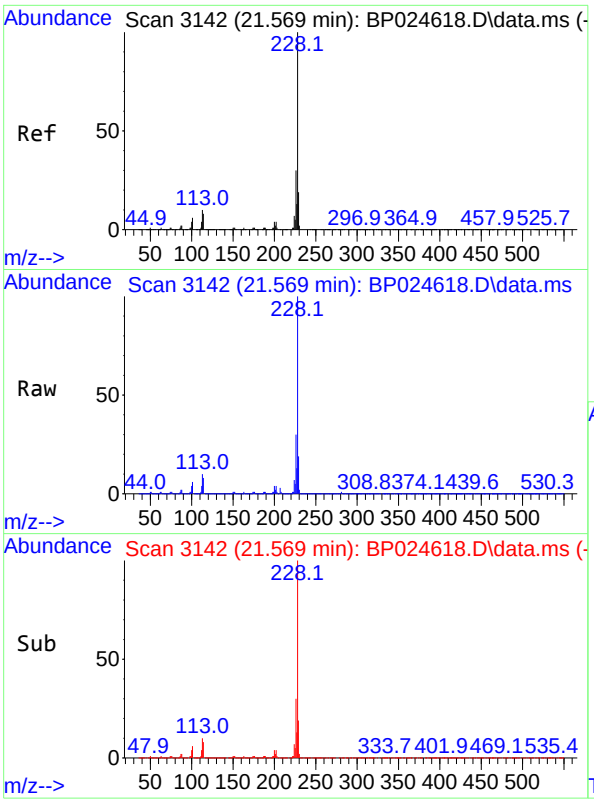


#82
3,3'-Dichlorobenzidine
Concen: 40.94 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 773866

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	9.6	7.7	11.5



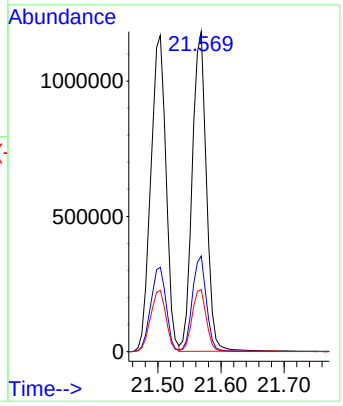


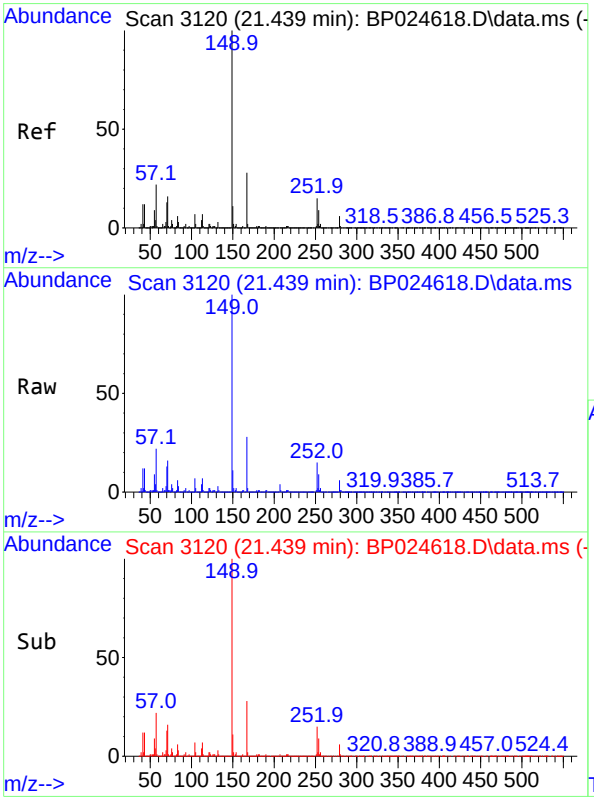
#83
Chrysene
Concen: 38.01 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 1833959

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.4	15.5	23.3

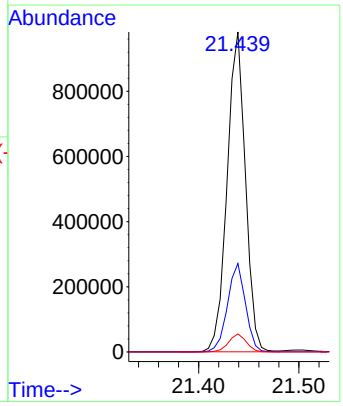


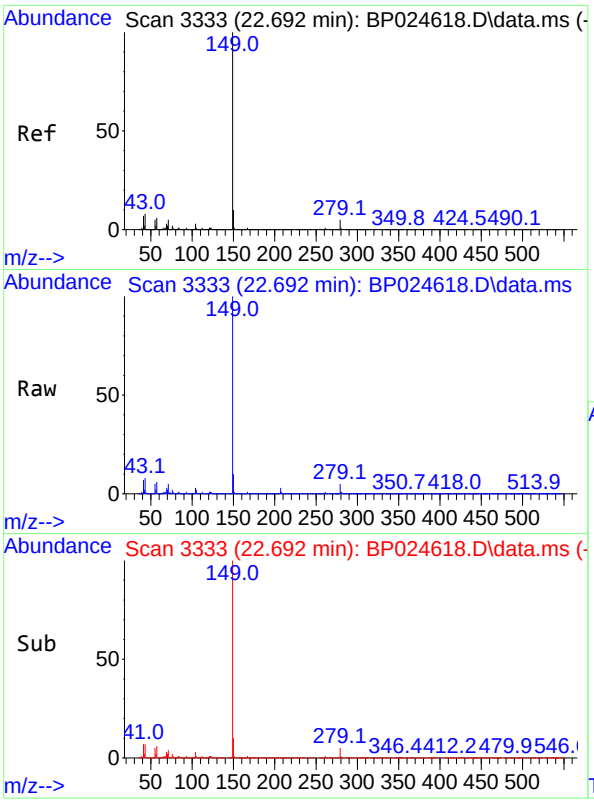


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.09 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1240956

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.7	4.6	6.8



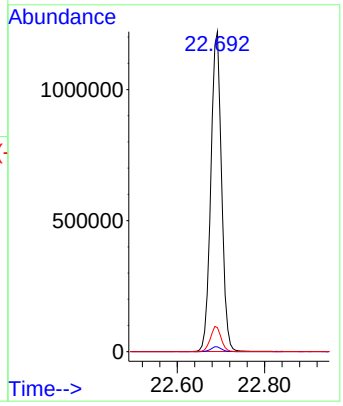


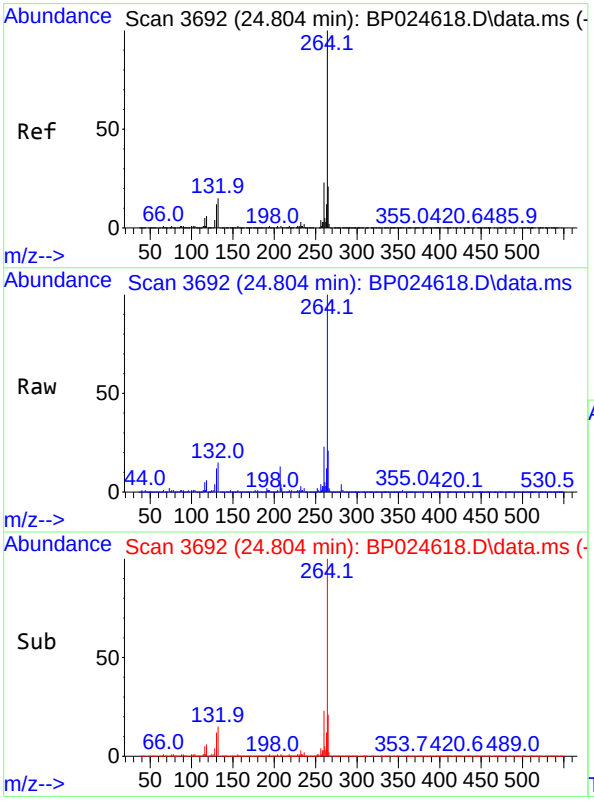
#85
Di-n-octyl phthalate
Concen: 39.97 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 2074694

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.3	9.5

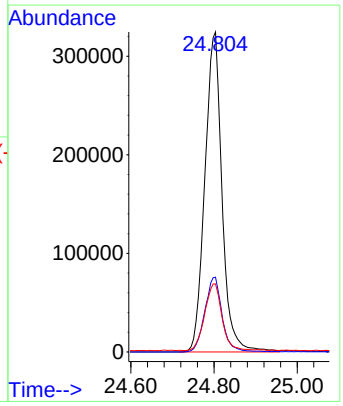


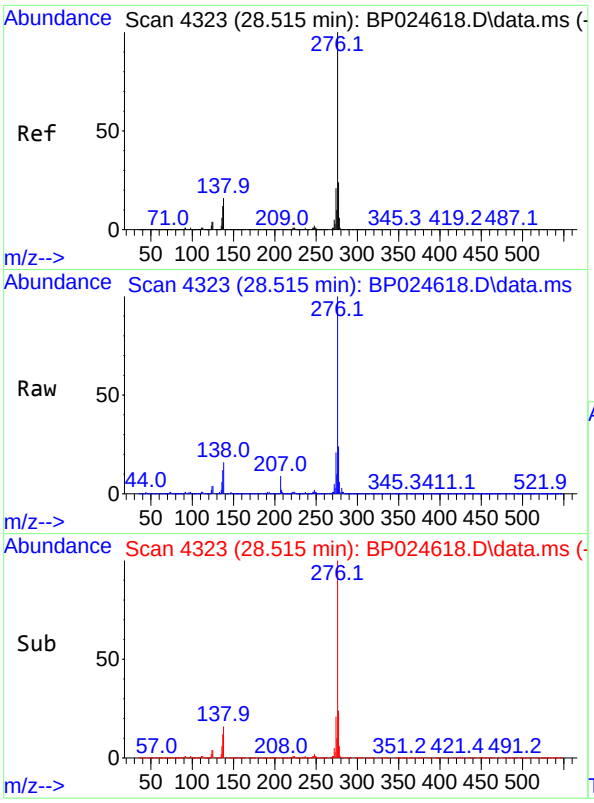


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:264 Resp: 929890

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.3	17.0	25.6



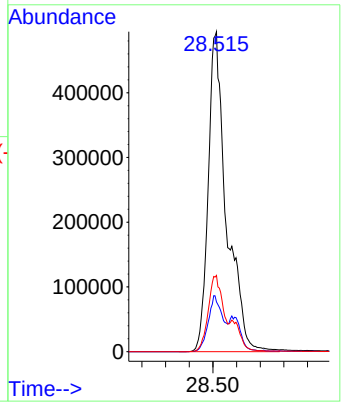


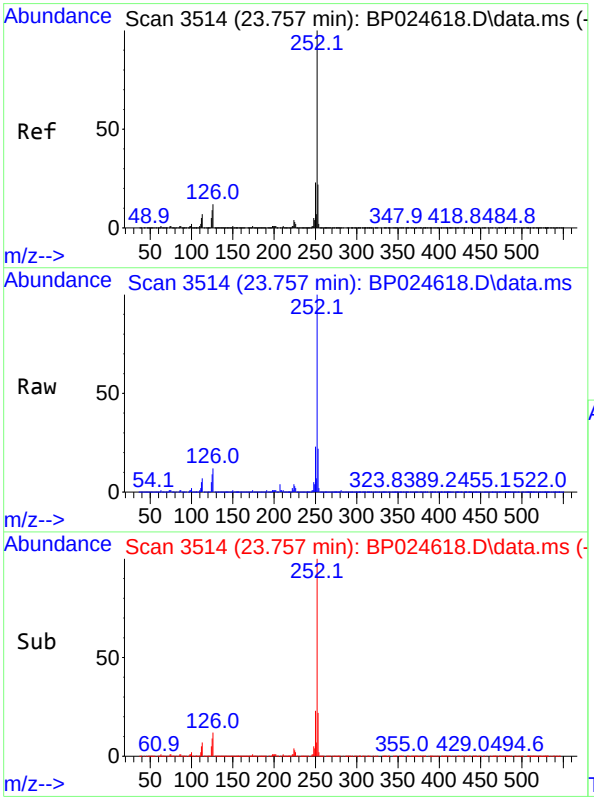
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 2648648

Ion	Ratio	Lower	Upper
276	100		
138	14.0	11.2	16.8
277	19.6	15.7	23.5

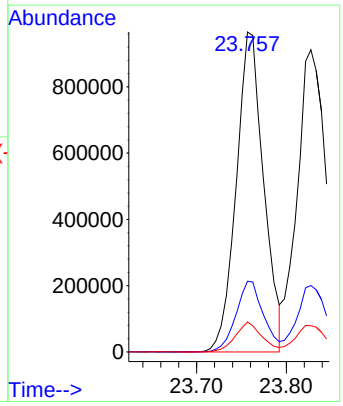


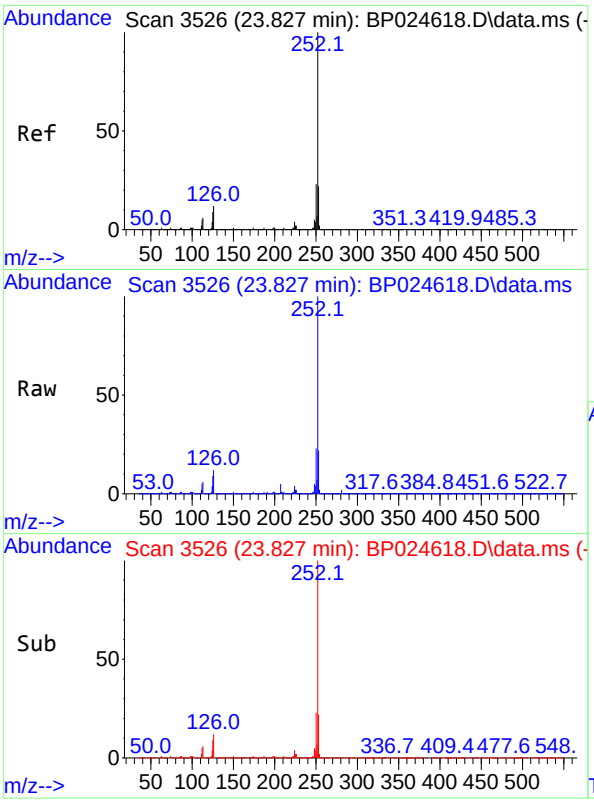


#88
Benzo(b)fluoranthene
Concen: 38.53 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 2050806

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.4	7.5	11.3



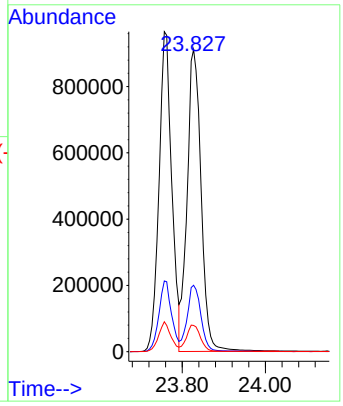


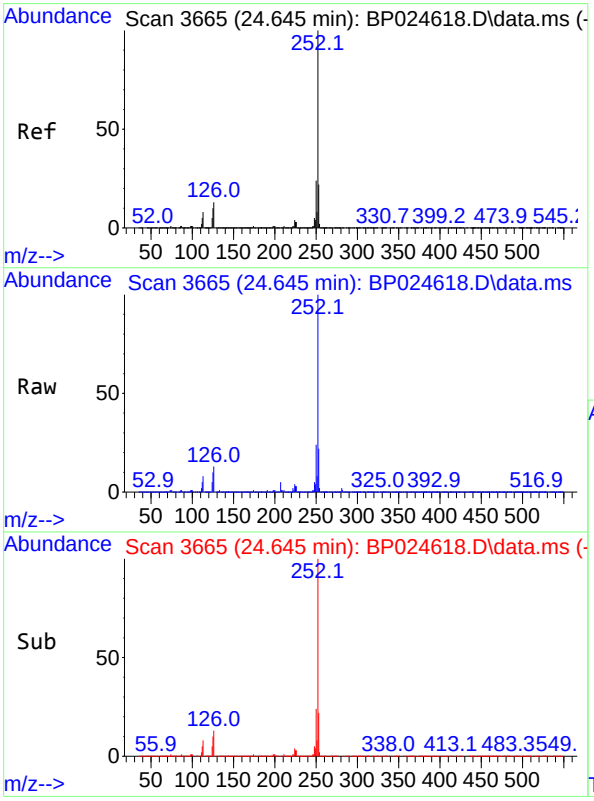
#89
Benzo(k)fluoranthene
Concen: 38.67 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 2120721

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.7	7.0	10.4

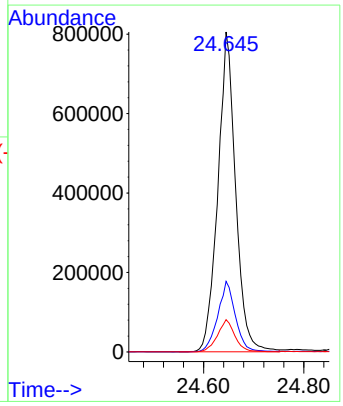


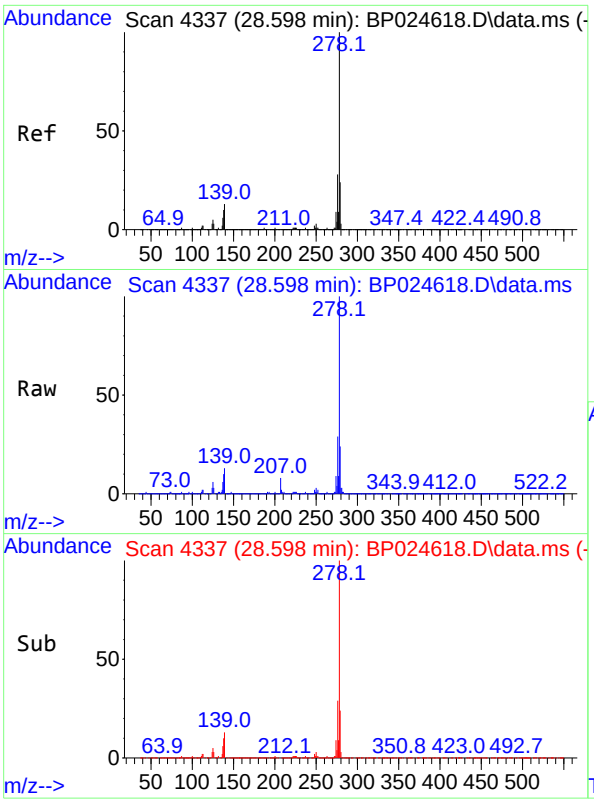


#90
Benzo(a)pyrene
Concen: 38.71 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 1979017

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.1	12.1



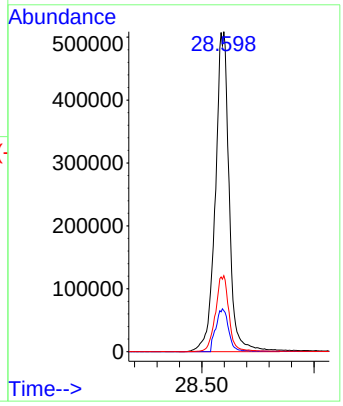


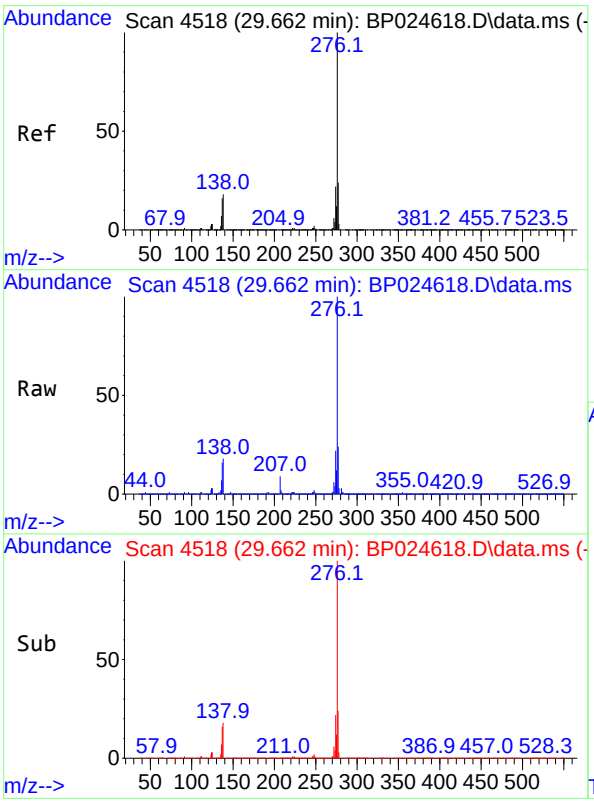
#91
Dibenzo(a,h)anthracene
Concen: 39.30 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 2170712

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.2	15.4
279	23.7	19.0	28.4

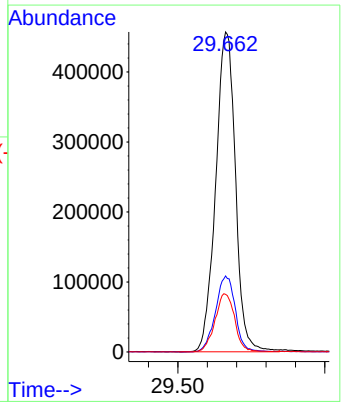




#92
Benzo(g,h,i)perylene
Concen: 38.84 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:276 Resp: 2132921

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	18.0	14.4	21.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	111395	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	489806	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	318760	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	628781	20.00	ng		-0.01
76) Chrysene-d12	21.522	240	717340	20.00	ng		0.00
86) Perylene-d12	24.810	264	811421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	708626	108.80	ng		0.00
7) Phenol-d6	6.852	99	930484	111.94	ng		0.00
23) Nitrobenzene-d5	8.810	82	1049445	108.26	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	587523	108.72	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	2553765	104.96	ng		0.00
79) Terphenyl-d14	19.822	244	4398872	105.15	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	156571	51.20	ng		98
3) Pyridine	3.622	79	379522	55.97	ng		99
4) n-Nitrosodimethylamine	3.534	42	161654	54.00	ng		99
6) Aniline	7.005	93	593141	55.27	ng		99
8) 2-Chlorophenol	7.240	128	408016	55.19	ng		99
9) Benzaldehyde	6.822	77	290405	54.06	ng		100
10) Phenol	6.881	94	475413	55.41	ng		99
11) bis(2-Chloroethyl)ether	7.093	93	377787	53.59	ng		100
12) 1,3-Dichlorobenzene	7.552	146	451750	53.11	ng		99
13) 1,4-Dichlorobenzene	7.699	146	455796	53.28	ng		99
14) 1,2-Dichlorobenzene	8.010	146	439707	52.74	ng		100
15) Benzyl Alcohol	7.910	79	363689	57.58	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	450215	53.33	ng		98
17) 2-Methylphenol	8.110	107	347065	56.40	ng		98
18) Hexachloroethane	8.728	117	173580	52.95	ng		98
19) n-Nitroso-di-n-propyla...	8.463	70	318058	55.32	ng		99
20) 3+4-Methylphenols	8.440	107	474048	56.64	ng		98
22) Acetophenone	8.481	105	653878	53.44	ng	#	98
24) Nitrobenzene	8.852	77	456929	53.56	ng		99
25) Isophorone	9.375	82	921892	54.82	ng		99
26) 2-Nitrophenol	9.557	139	239844	57.38	ng		98
27) 2,4-Dimethylphenol	9.628	122	402585	54.62	ng		99
28) bis(2-Chloroethoxy)met...	9.852	93	542581	54.01	ng		100
29) 2,4-Dichlorophenol	10.099	162	400983	56.14	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	424561	52.75	ng		97
31) Naphthalene	10.481	128	1336265	52.65	ng		100
32) Benzoic acid	9.787	122	263657	50.71	ng		99
33) 4-Chloroaniline	10.599	127	569812	55.63	ng		99
34) Hexachlorobutadiene	10.769	225	271578	52.09	ng		99
35) Caprolactam	11.393	113	148586	57.53	ng		98
36) 4-Chloro-3-methylphenol	11.734	107	478787	54.97	ng		99
37) 2-Methylnaphthalene	12.093	142	873274	53.13	ng		99
38) 1-Methylnaphthalene	12.316	142	919827	52.31	ng		98
40) 1,2,4,5-Tetrachloroben...	12.469	216	497848	53.78	ng		100
41) Hexachlorocyclopentadiene	12.446	237	334752	59.64	ng		96
43) 2,4,6-Trichlorophenol	12.716	196	341059	56.89	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

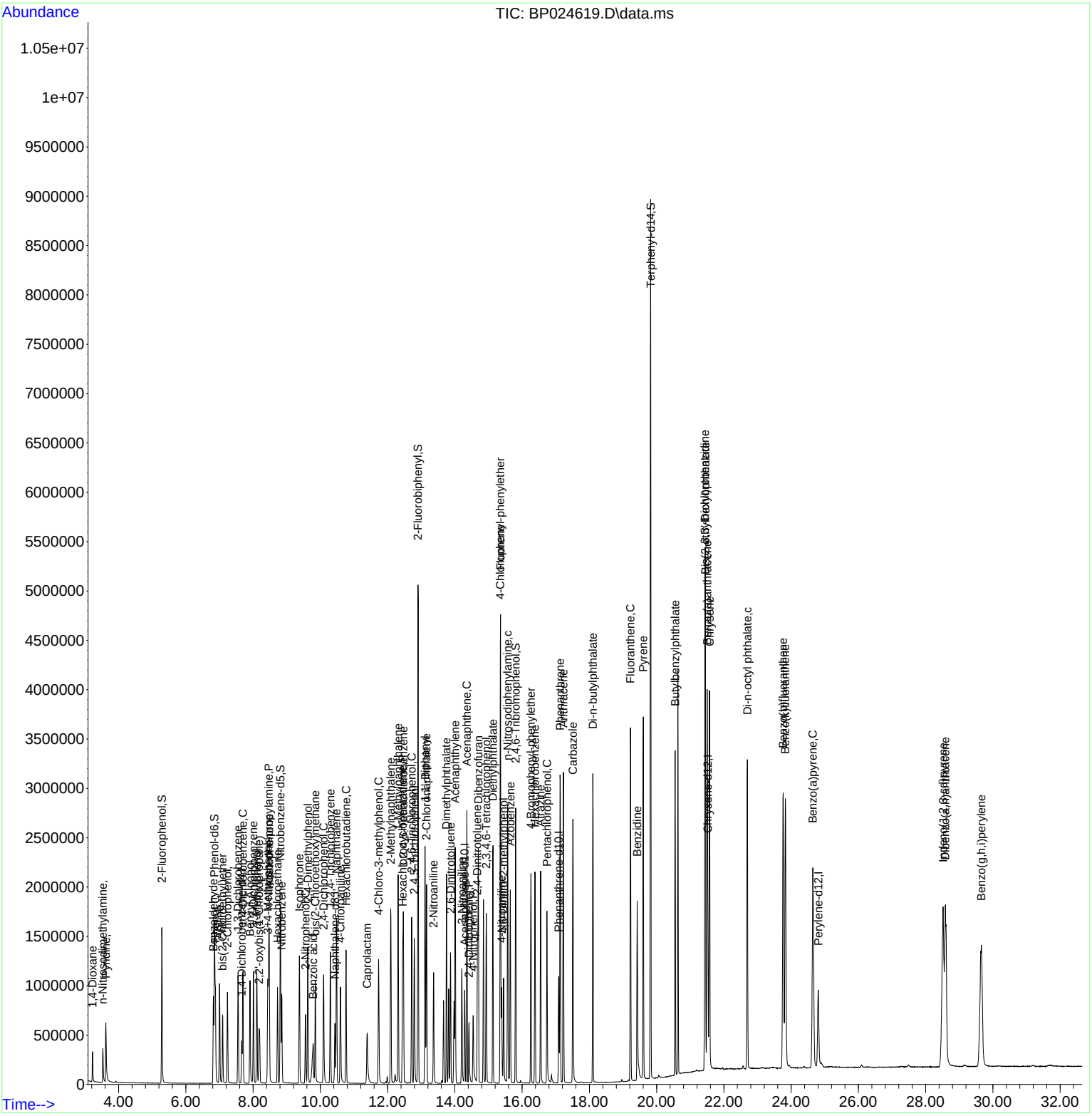
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	375330	56.24	ng	98
46) 1,1'-Biphenyl	13.116	154	1263640	53.64	ng	100
47) 2-Chloronaphthalene	13.157	162	952857	53.04	ng	99
48) 2-Nitroaniline	13.369	65	303475	57.06	ng	99
49) Acenaphthylene	14.010	152	1616938	53.79	ng	100
50) Dimethylphthalate	13.751	163	1283491	52.83	ng	99
51) 2,6-Dinitrotoluene	13.875	165	281728	54.91	ng	99
52) Acenaphthene	14.357	154	923238	53.42	ng	100
53) 3-Nitroaniline	14.210	138	302341	57.71	ng	99
54) 2,4-Dinitrophenol	14.422	184	159888	51.86	ng	98
55) Dibenzofuran	14.698	168	1447333	52.50	ng	99
56) 4-Nitrophenol	14.545	139	238294	53.99	ng	99
57) 2,4-Dinitrotoluene	14.669	165	404684	55.94	ng	98
58) Fluorene	15.357	166	1190632	52.97	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	341204	55.11	ng	100
60) Diethylphthalate	15.134	149	1305791	53.18	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	590421	52.67	ng	97
62) 4-Nitroaniline	15.392	138	298681	58.55	ng	99
63) Azobenzene	15.651	77	1121556	53.39	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	234095	57.64	ng	98
66) n-Nitrosodiphenylamine	15.569	169	1048396	54.28	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	396385	53.50	ng	99
68) Hexachlorobenzene	16.381	284	504987	53.64	ng	99
69) Atrazine	16.551	200	389749	55.07	ng	100
70) Pentachlorophenol	16.739	266	310477	58.71	ng	98
71) Phenanthrene	17.128	178	1838891	52.61	ng	100
72) Anthracene	17.228	178	1894573	53.87	ng	100
73) Carbazole	17.510	167	1750681	55.00	ng	100
74) Di-n-butylphthalate	18.104	149	2275163	55.58	ng	100
75) Fluoranthene	19.222	202	2199818	53.84	ng	100
77) Benzidine	19.422	184	1178505	59.85	ng	99
78) Pyrene	19.604	202	2282702	53.11	ng	100
80) Butylbenzylphthalate	20.551	149	1083395	56.68	ng	97
81) Benzo(a)anthracene	21.504	228	2396398	53.20	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	966906	57.80	ng	100
83) Chrysene	21.574	228	2250800	52.71	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1585070	56.42	ng	100
85) Di-n-octyl phthalate	22.698	149	2614856	56.91	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	3262830	55.06	ng	99
88) Benzo(b)fluoranthene	23.763	252	2612438	56.25	ng	99
89) Benzo(k)fluoranthene	23.827	252	2552663	53.34	ng	99
90) Benzo(a)pyrene	24.645	252	2475976	55.51	ng	100
91) Dibenzo(a,h)anthracene	28.586	278	2679367	55.60	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2625625	54.79	ng	99

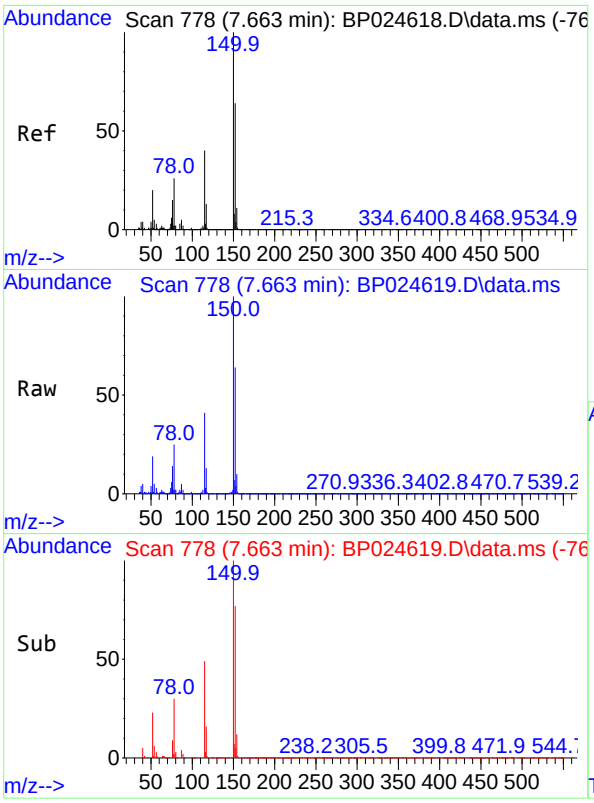
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



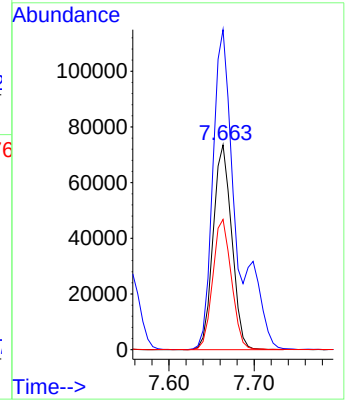


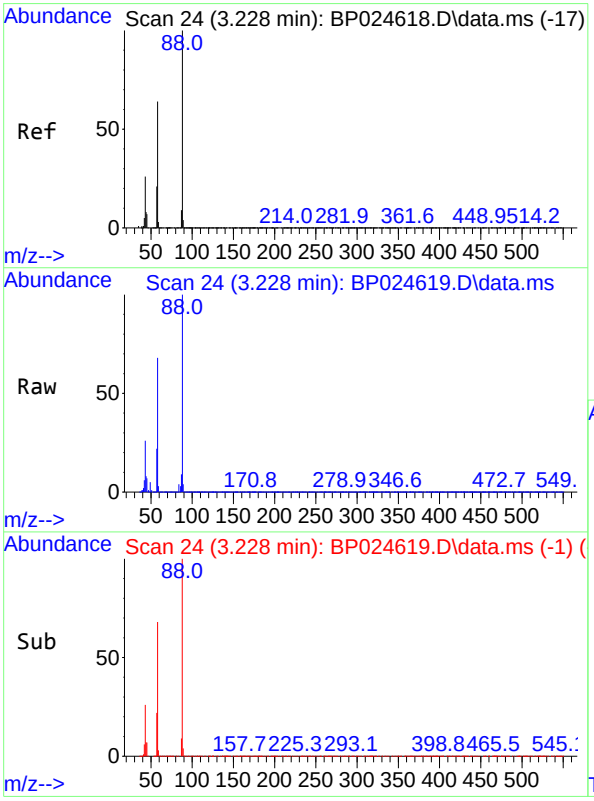
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 111395

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.9	188.9
115	63.6	50.1	75.1

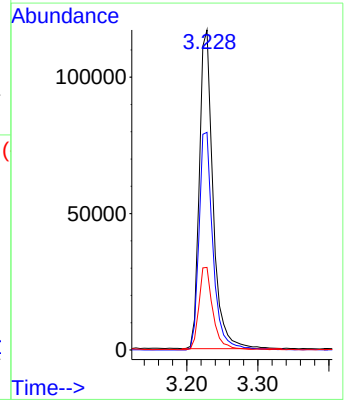


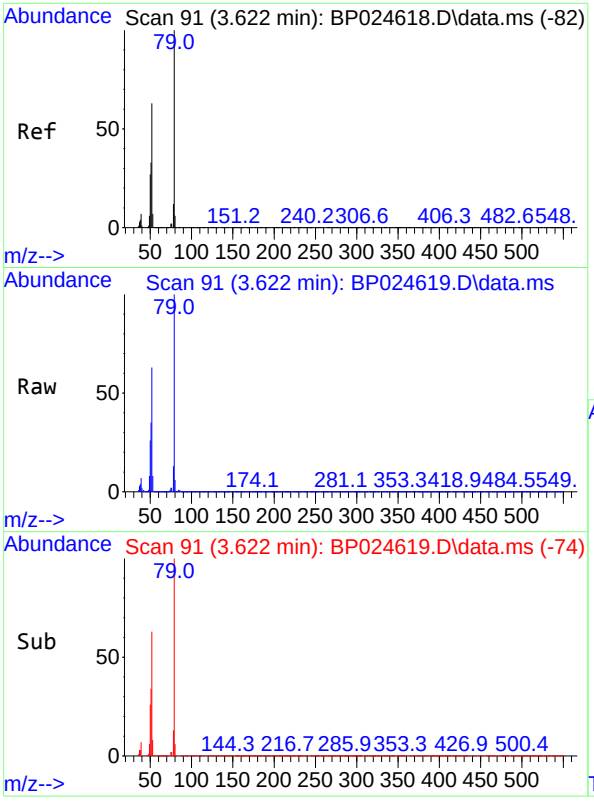


#2
1,4-Dioxane
Concen: 51.20 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 88 Resp: 156571

Ion	Ratio	Lower	Upper
88	100		
58	70.0	54.0	81.0
43	26.5	21.4	32.0



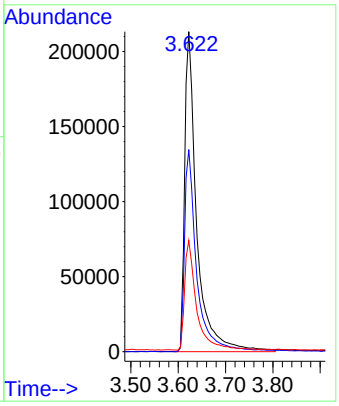


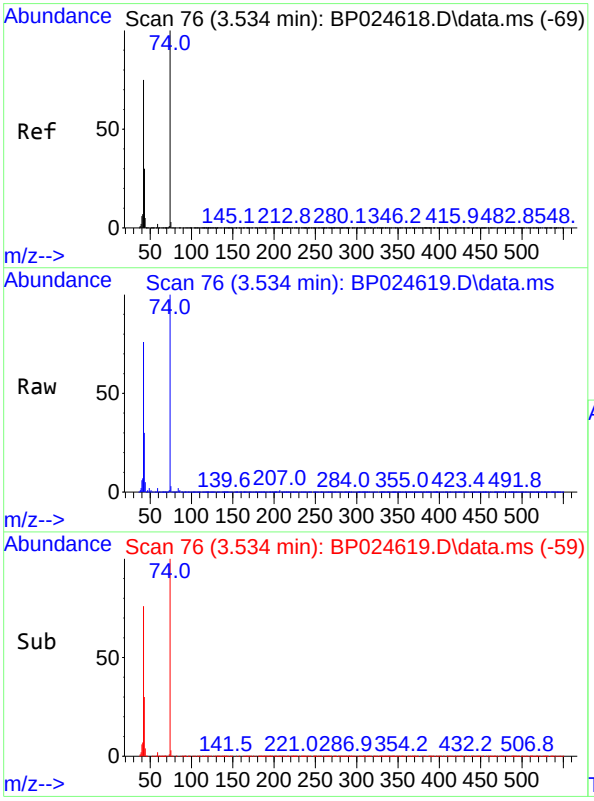
#3
Pyridine
Concen: 55.97 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 379522

Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	34.8	26.8	40.2

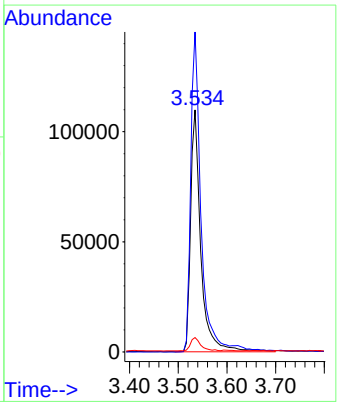


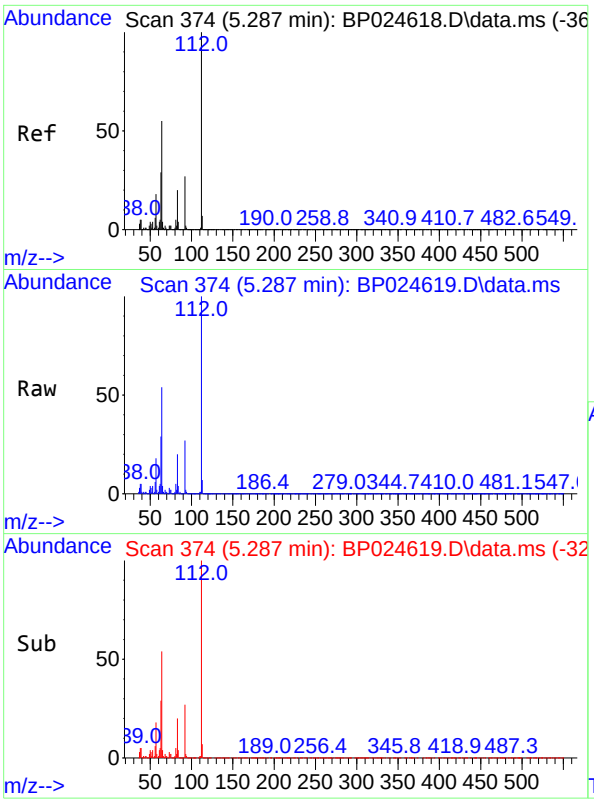


#4
n-Nitrosodimethylamine
Concen: 54.00 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 42 Resp: 161654

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2



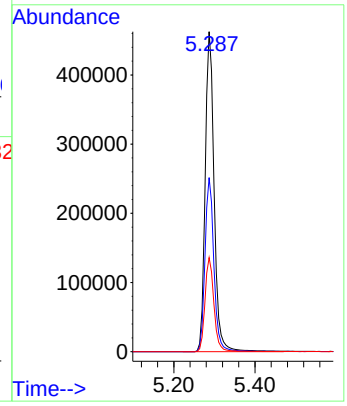


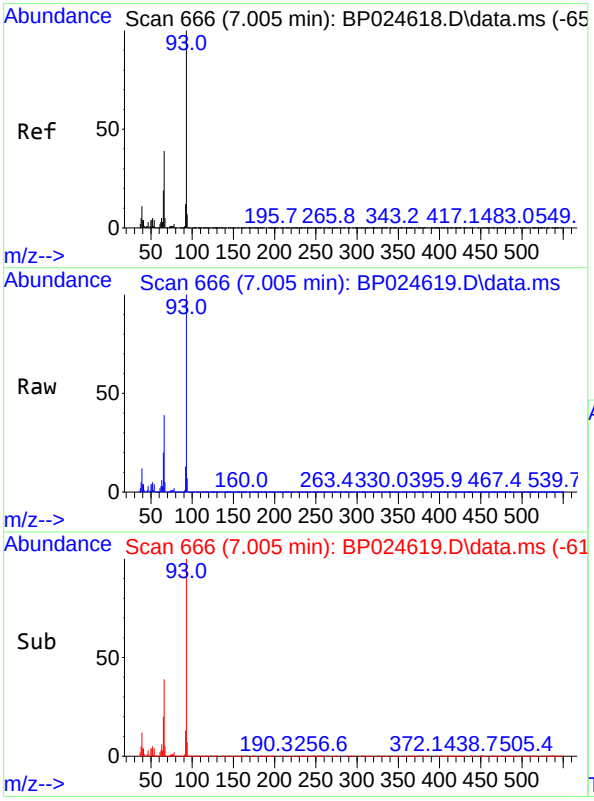
#5
2-Fluorophenol
Concen: 108.80 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 708626

Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.1	66.1
63	29.4	23.5	35.3

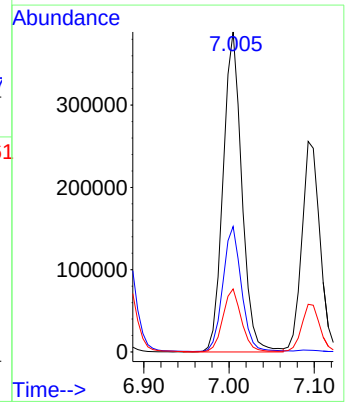


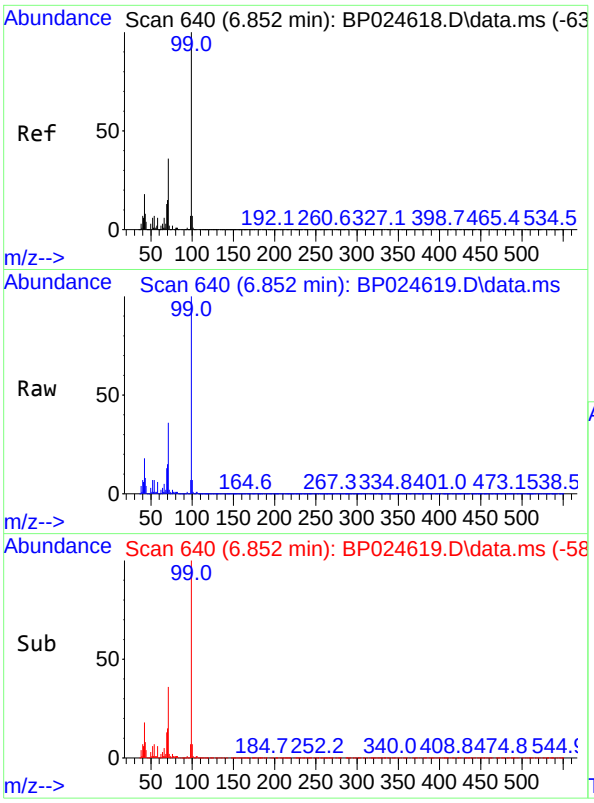


#6
Aniline
Concen: 55.27 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 93 Resp: 593141

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.0	46.6
65	19.7	15.5	23.3



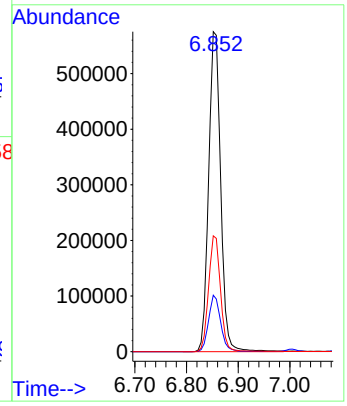


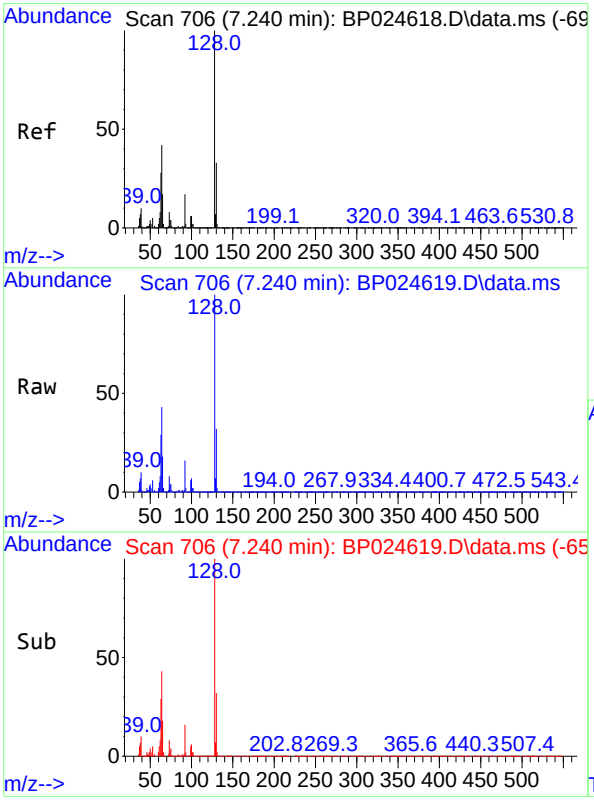
#7
Phenol-d6
Concen: 111.94 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 930484

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	36.2	29.2	43.8

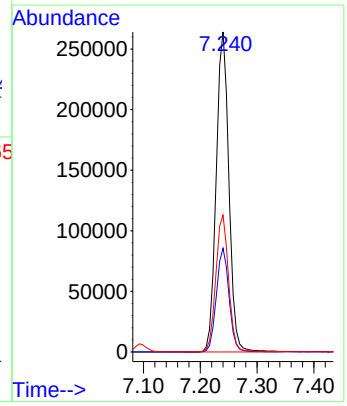


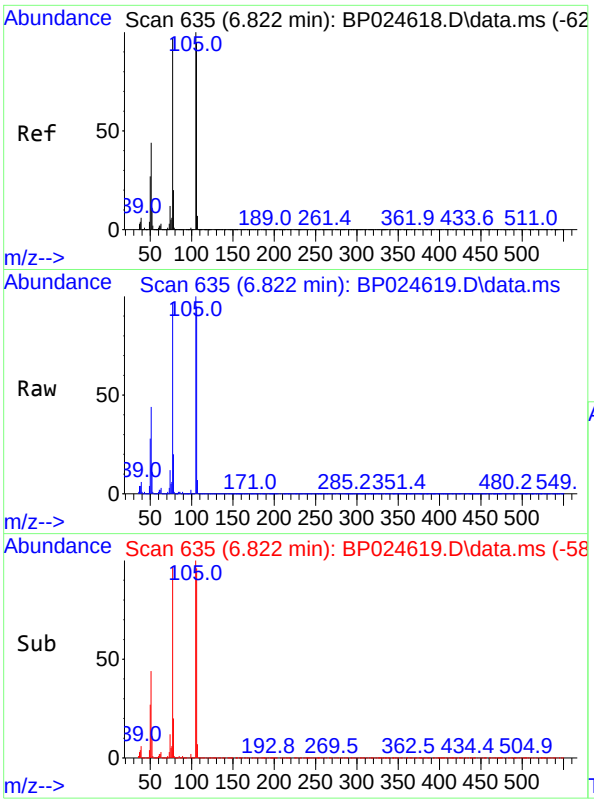


#8
2-Chlorophenol
Concen: 55.19 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:128 Resp: 408016

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	42.8	22.3	62.3



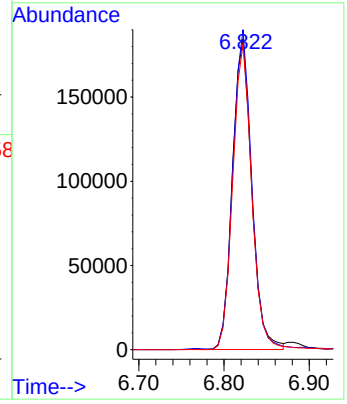


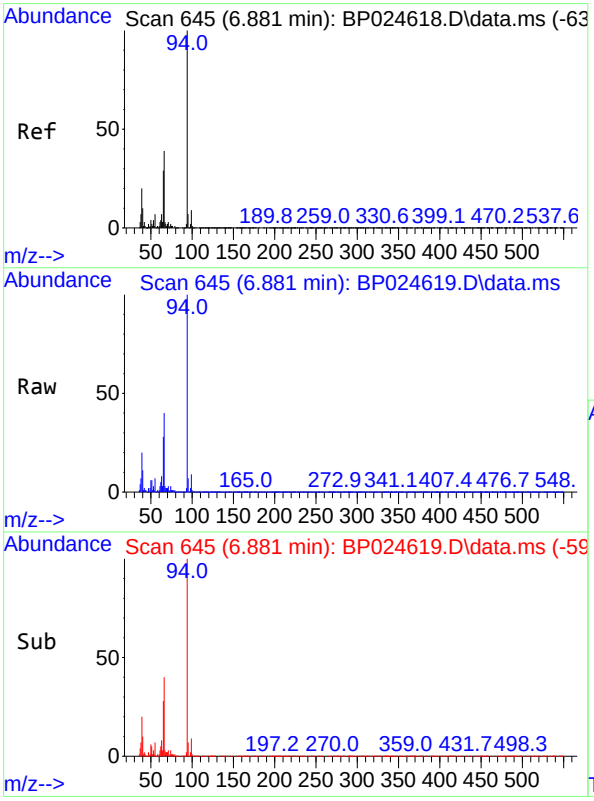
#9
Benzaldehyde
Concen: 54.06 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 290405

Ion	Ratio	Lower	Upper
77	100		
105	103.0	83.3	123.3
106	98.4	78.0	118.0

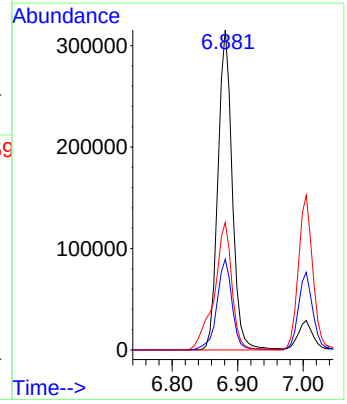


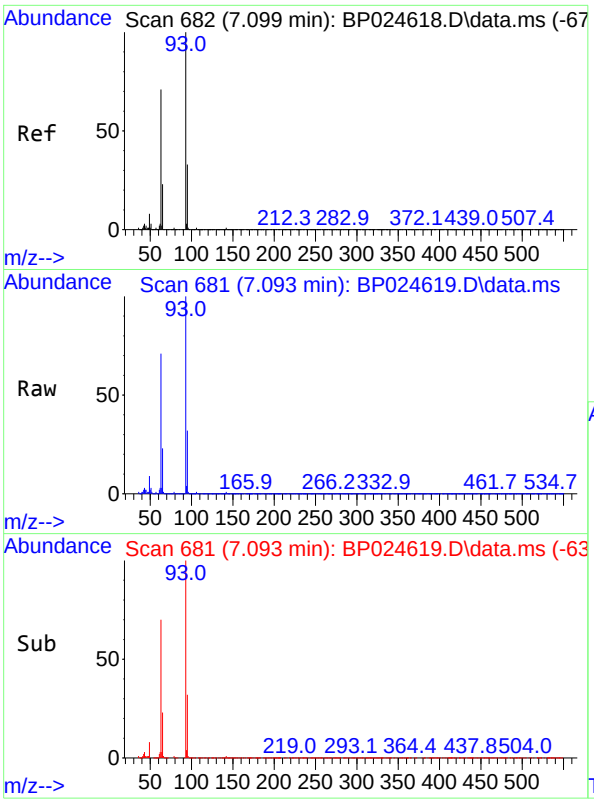


#10
Phenol
Concen: 55.41 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 94 Resp: 475413

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.7	48.7
66	39.9	19.4	59.4



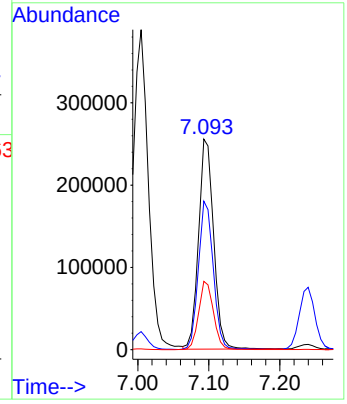


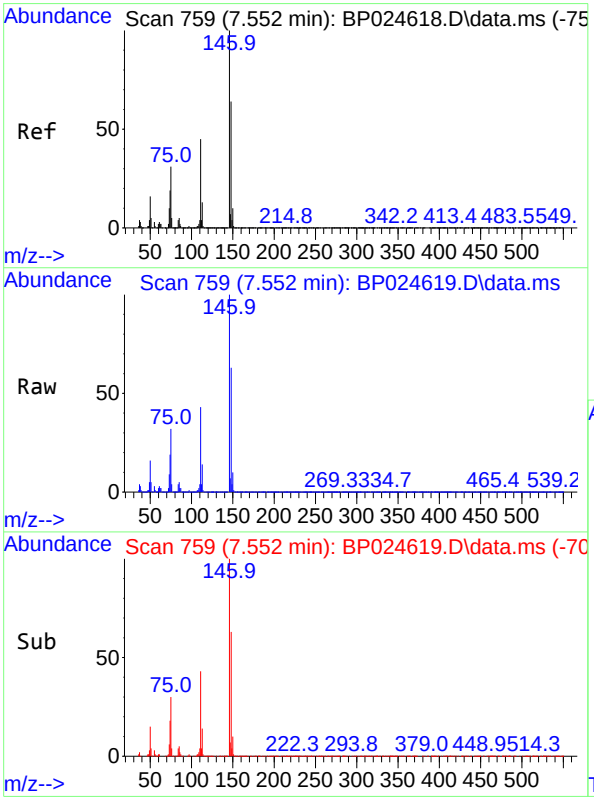
#11
bis(2-Chloroethyl)ether
Concen: 53.59 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 377787

Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.6	90.6
95	32.5	12.9	52.9

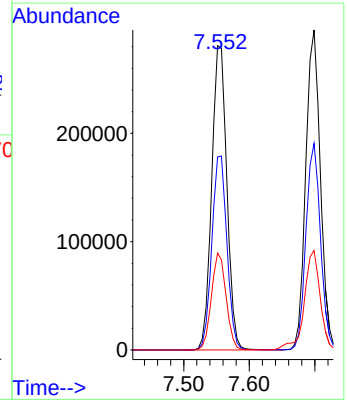


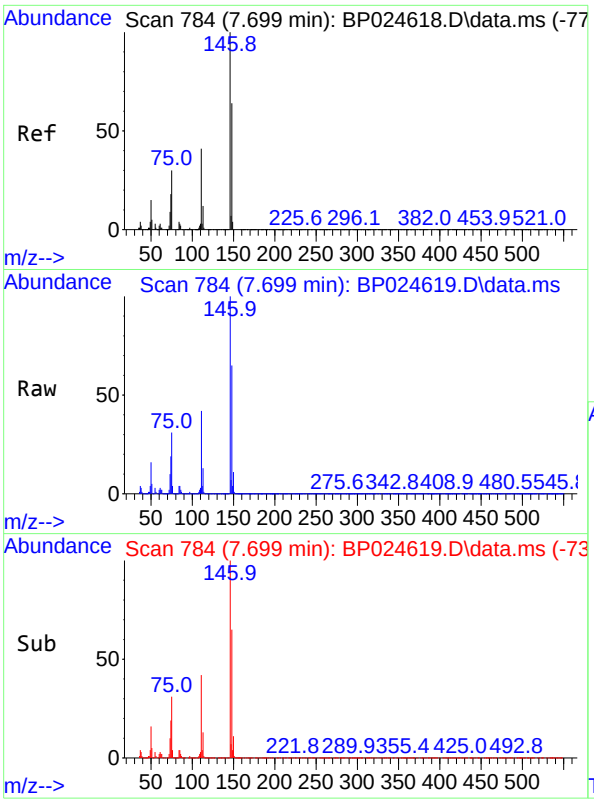


#12
1,3-Dichlorobenzene
Concen: 53.11 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:146 Resp: 451750

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	31.9	25.2	37.8



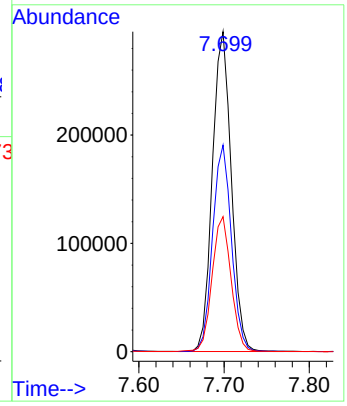


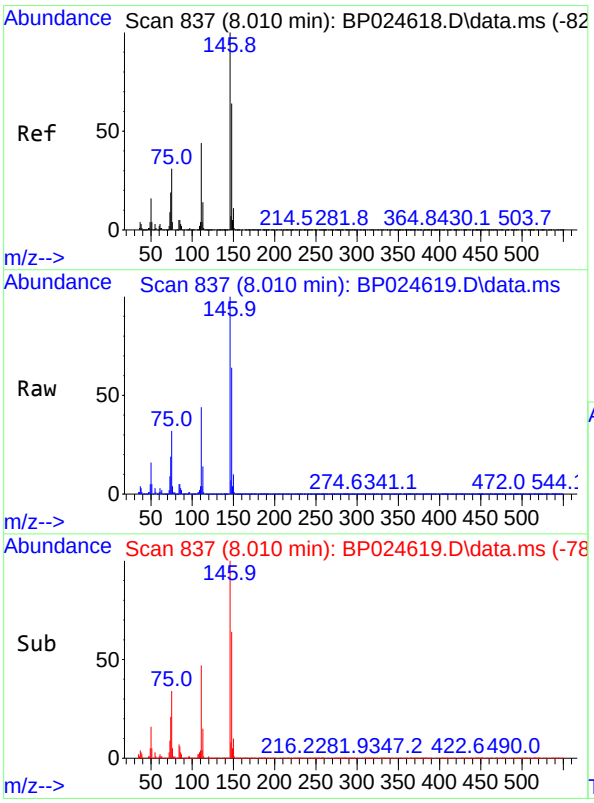
#13
1,4-Dichlorobenzene
Concen: 53.28 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 455796

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	42.2	33.0	49.6

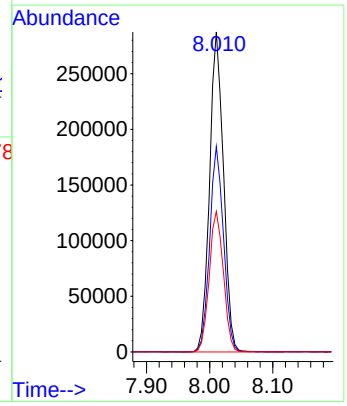


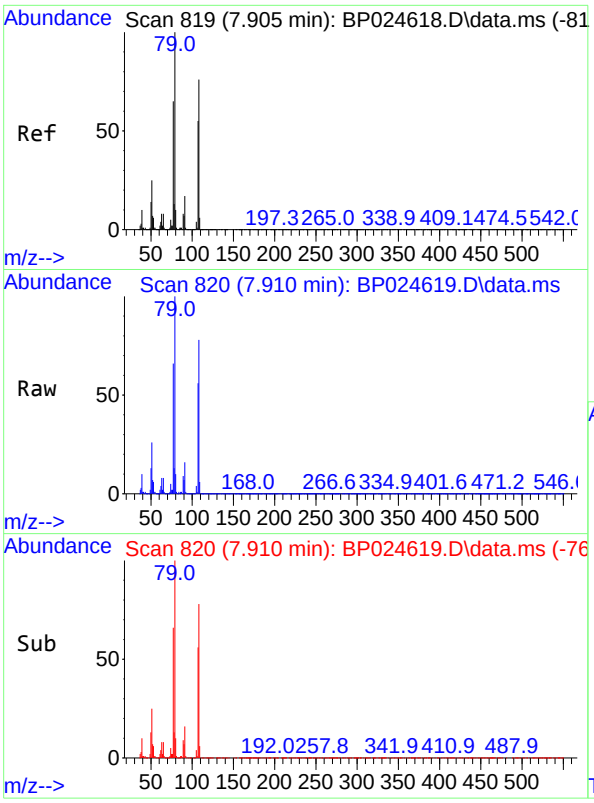


#14
1,2-Dichlorobenzene
Concen: 52.74 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:146 Resp: 439707

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	43.9	35.2	52.8



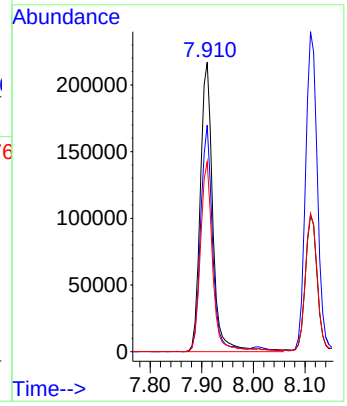


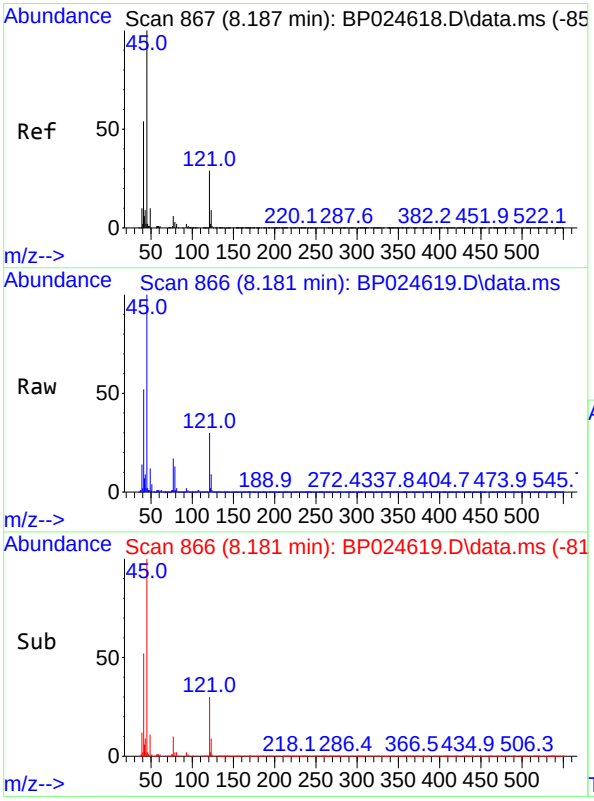
#15
Benzyl Alcohol
Concen: 57.58 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 363689

Ion	Ratio	Lower	Upper
79	100		
108	78.2	60.8	91.2
77	65.6	51.9	77.9

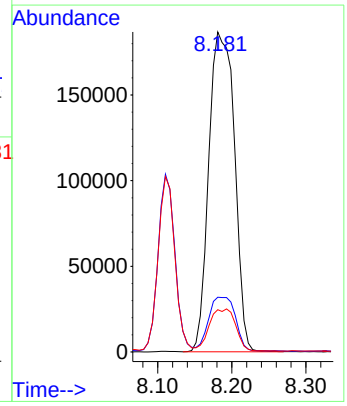


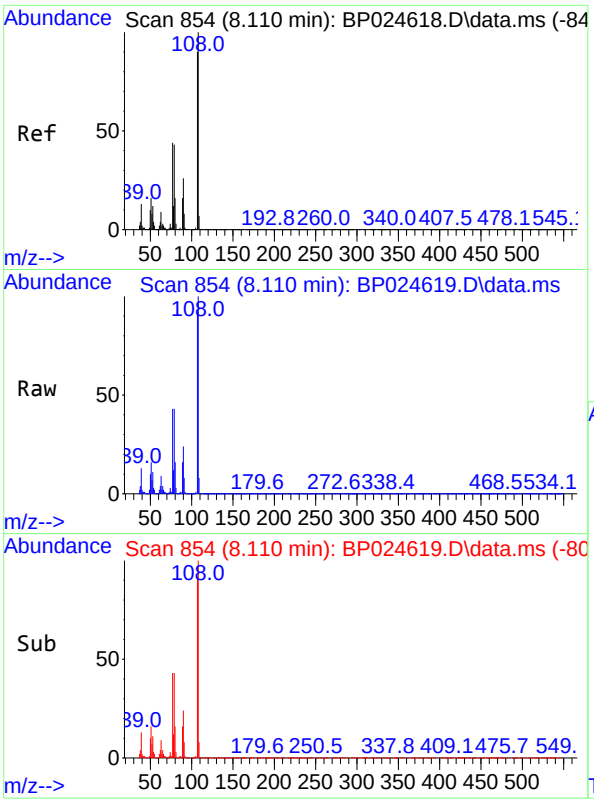


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.33 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 45 Resp: 450215

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	37.7
79	13.2	0.0	34.0



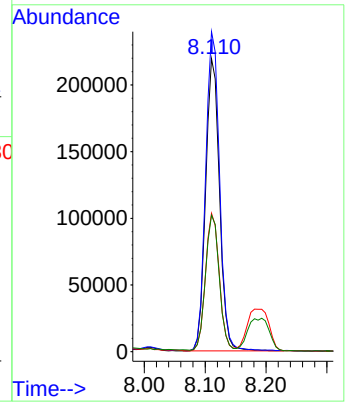


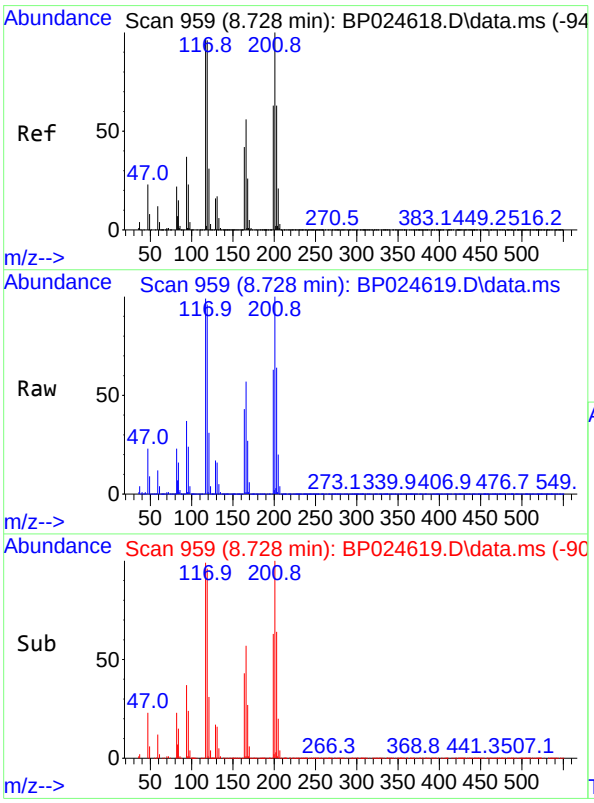
#17
2-Methylphenol
Concen: 56.40 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 347065

Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.9	133.3
77	47.2	39.0	58.6
79	46.6	38.4	57.6

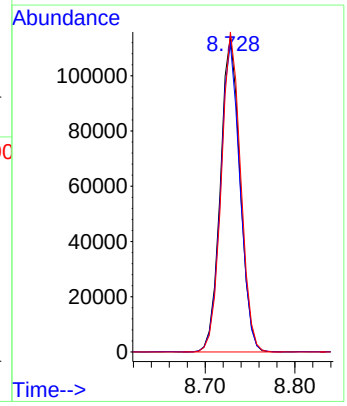


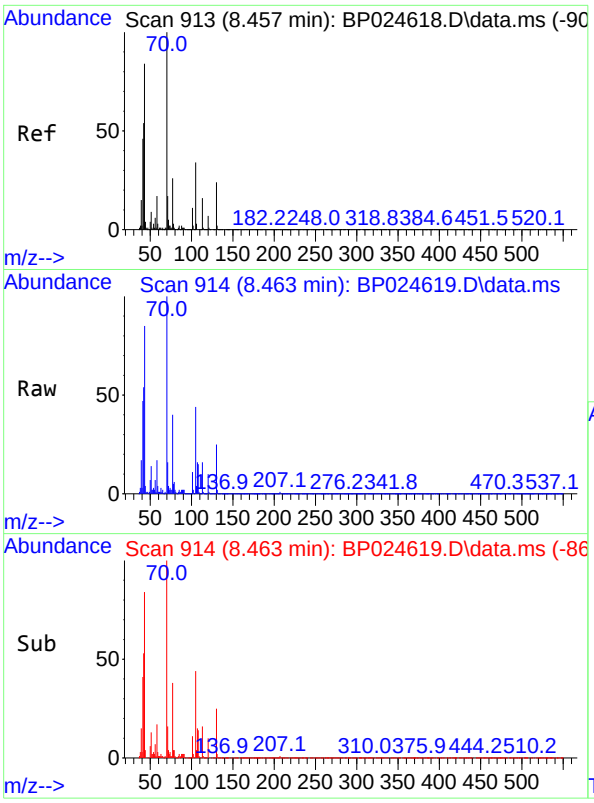


#18
Hexachloroethane
Concen: 52.95 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:117 Resp: 173580

Ion	Ratio	Lower	Upper
117	100		
119	97.5	79.4	119.0
201	101.3	82.7	124.1



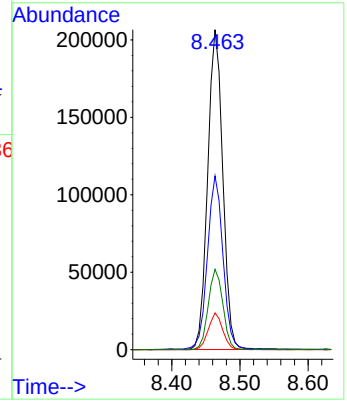


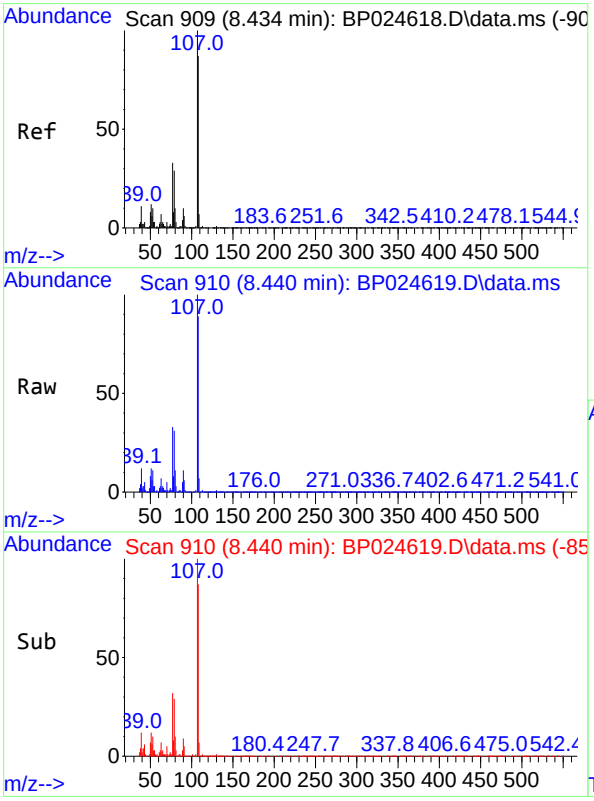
#19
n-Nitroso-di-n-propylamine
Concen: 55.32 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 318058

Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.0	64.6
101	11.5	8.7	13.1
130	25.1	19.4	29.0

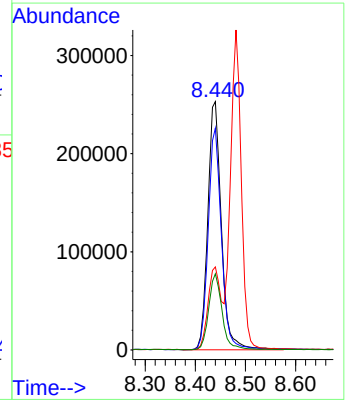


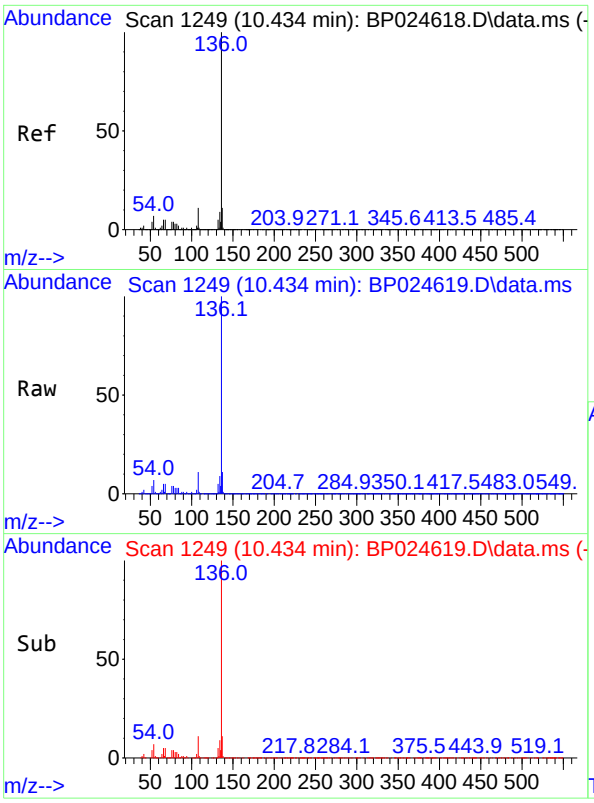


#20
3+4-Methylphenols
Concen: 56.64 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 474048

Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.7	106.7
77	33.4	13.1	53.1
79	30.7	8.9	48.9



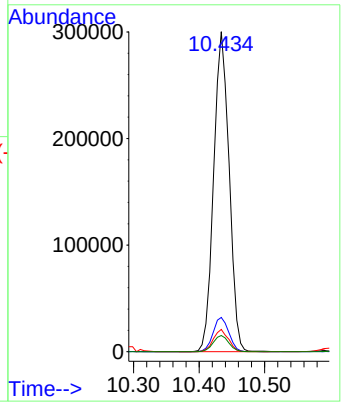


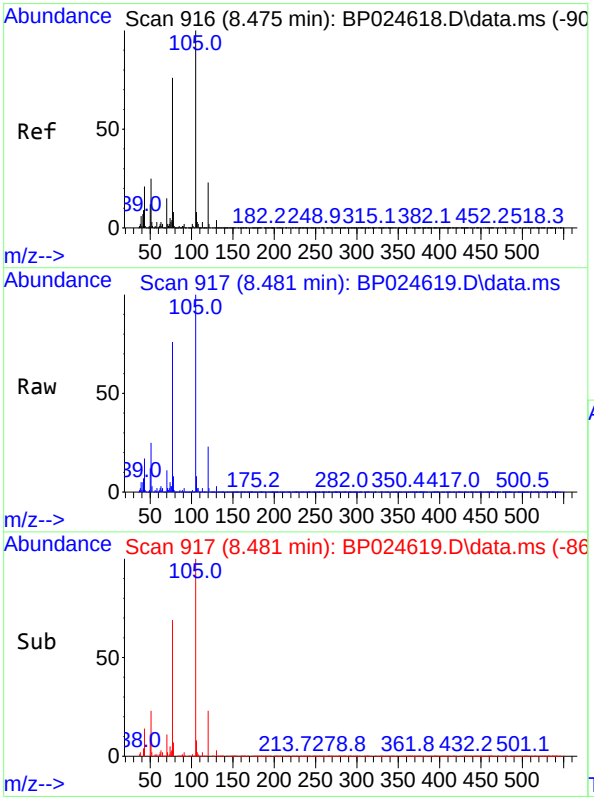
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 489806

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.5	8.3
68	5.0	4.2	6.2

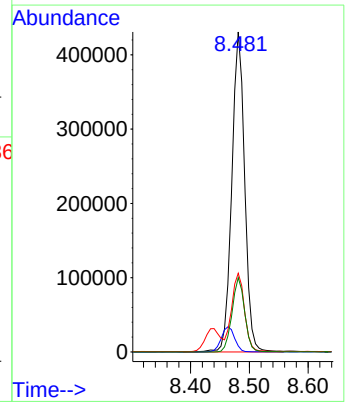


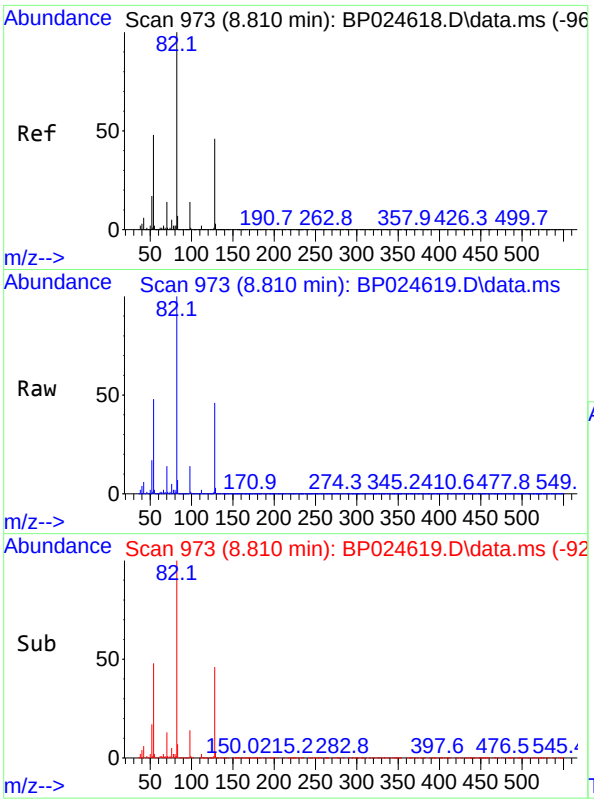


#22
Acetophenone
Concen: 53.44 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:105 Resp: 653878

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	24.6	20.4	30.6
120	23.2	18.1	27.1



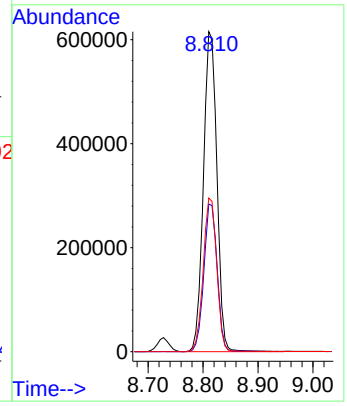


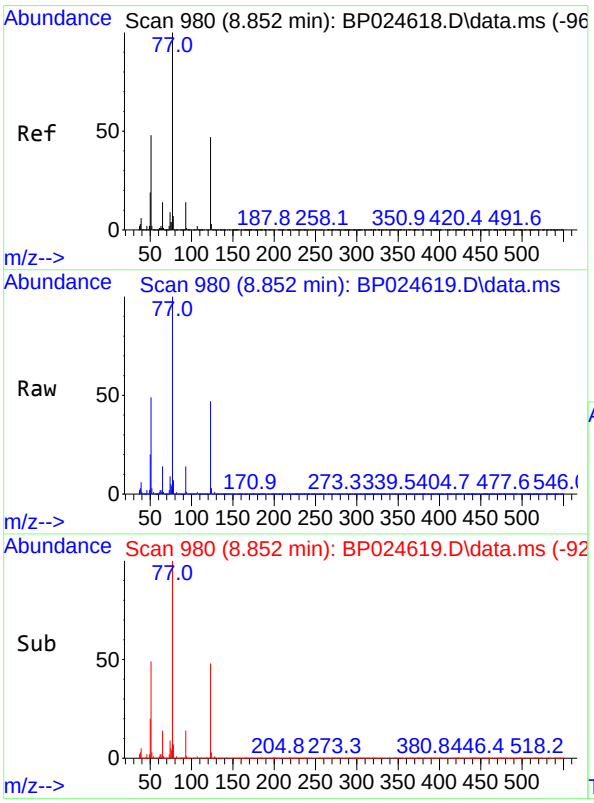
#23
Nitrobenzene-d5
Concen: 108.26 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1049445

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	48.0	38.7	58.1

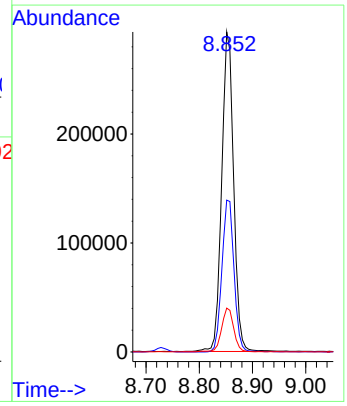


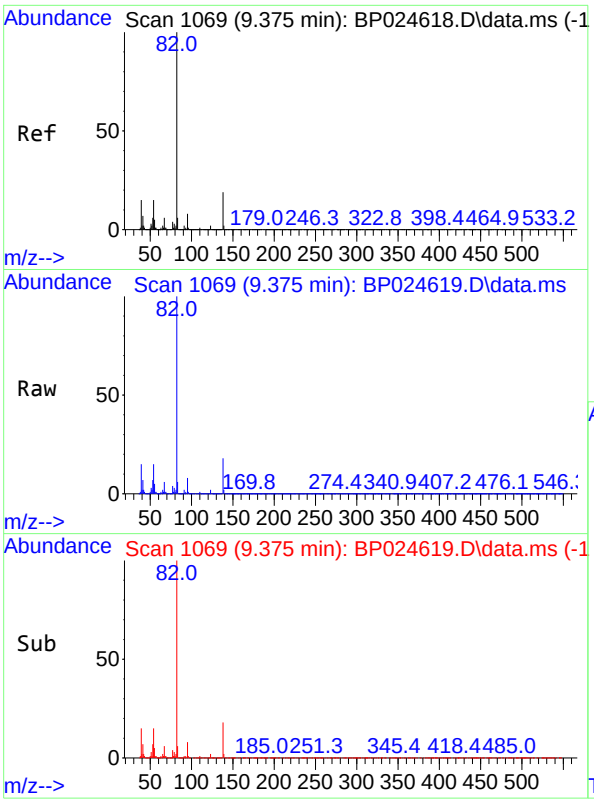


#24
Nitrobenzene
Concen: 53.56 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 77 Resp: 456929

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.4	56.0
65	13.7	11.3	16.9



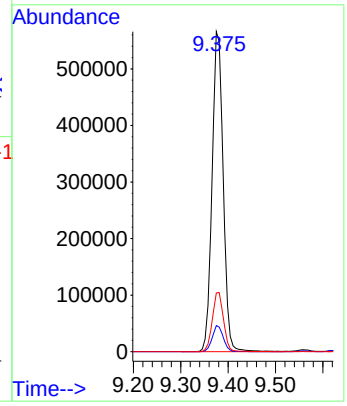


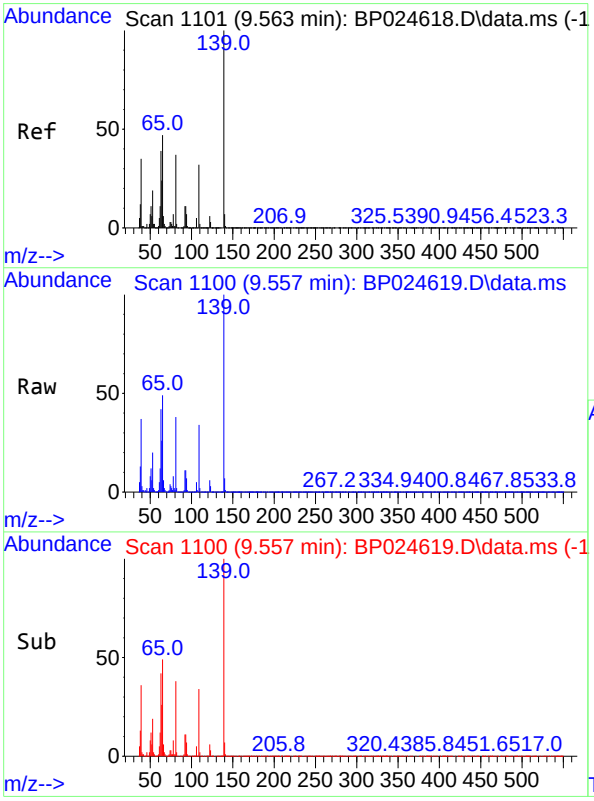
#25
Isophorone
Concen: 54.82 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 921892

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.3	9.5
138	18.3	15.3	22.9

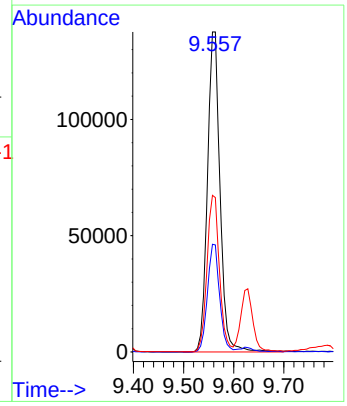


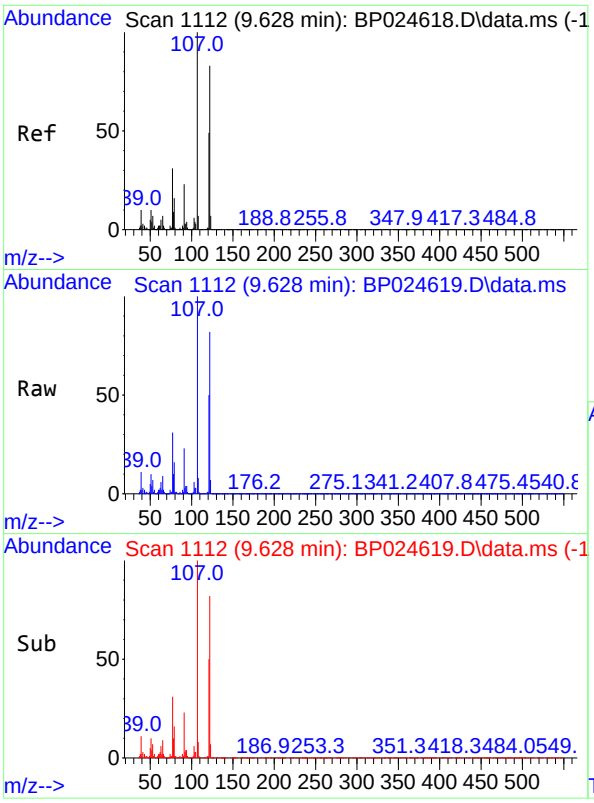


#26
2-Nitrophenol
Concen: 57.38 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 239844

Ion	Ratio	Lower	Upper
139	100		
109	33.6	25.9	38.9
65	49.0	37.9	56.9



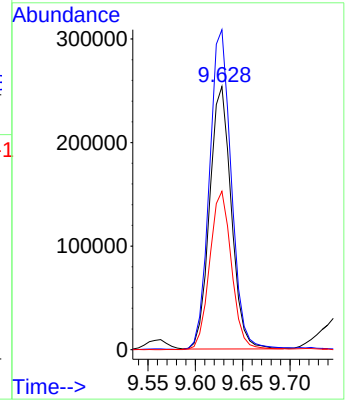


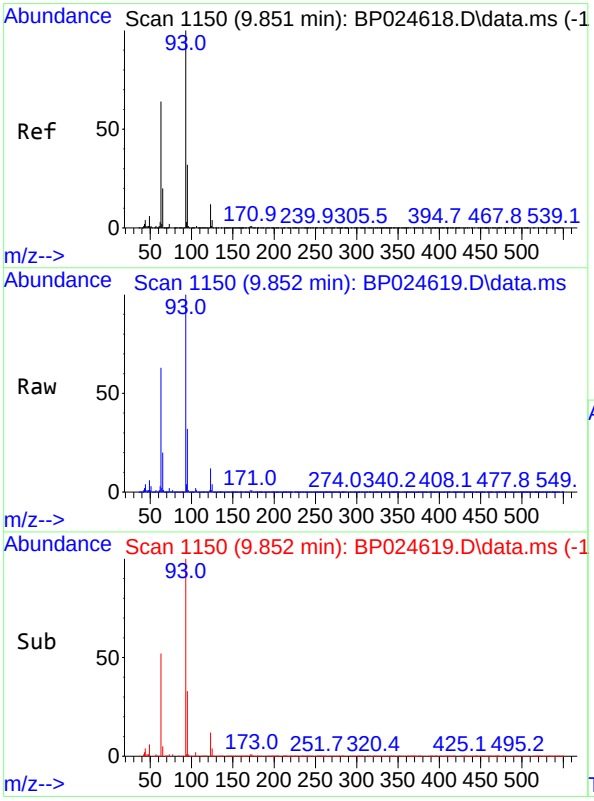
#27
2,4-Dimethylphenol
Concen: 54.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 402585

Ion	Ratio	Lower	Upper
122	100		
107	121.6	96.2	144.2
121	60.2	47.6	71.4

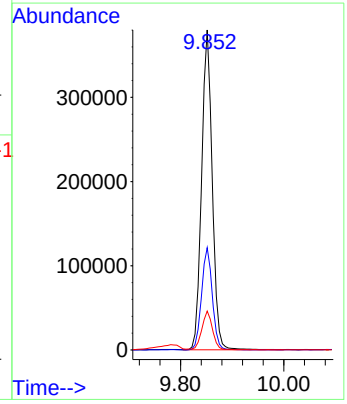


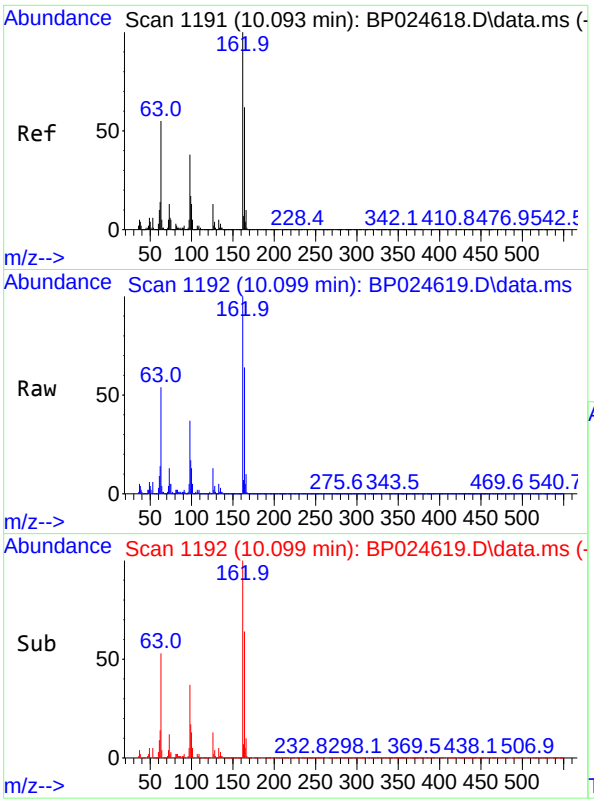


#28
bis(2-Chloroethoxy)methane
Concen: 54.01 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 93 Resp: 542581

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.2	9.7	14.5



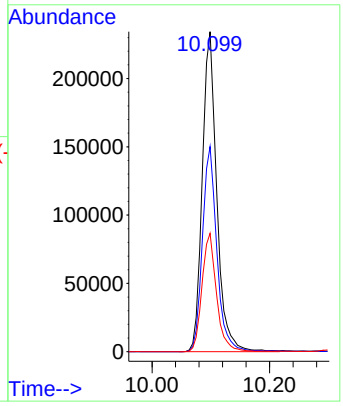


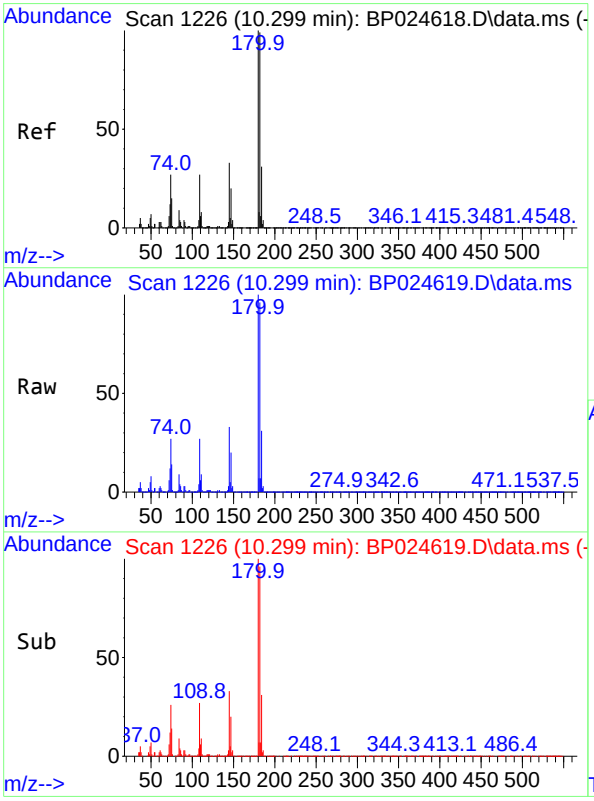
#29
2,4-Dichlorophenol
Concen: 56.14 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 400983

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	37.0	18.4	58.4

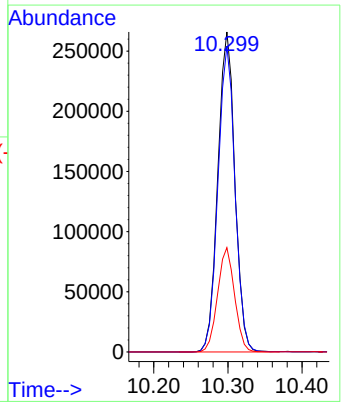


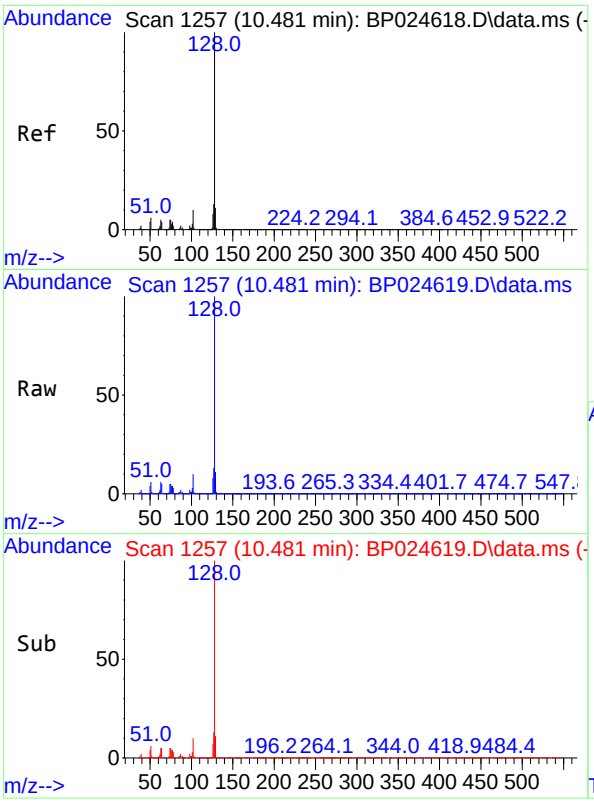


#30
1,2,4-Trichlorobenzene
Concen: 52.75 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:180 Resp: 424561

Ion	Ratio	Lower	Upper
180	100		
182	95.5	79.0	118.4
145	32.6	26.6	39.8



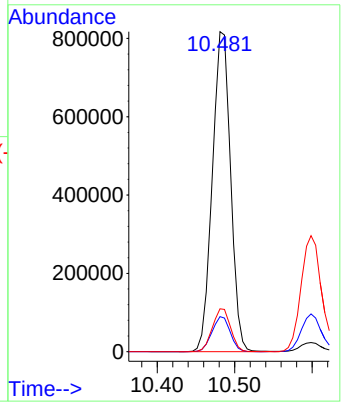


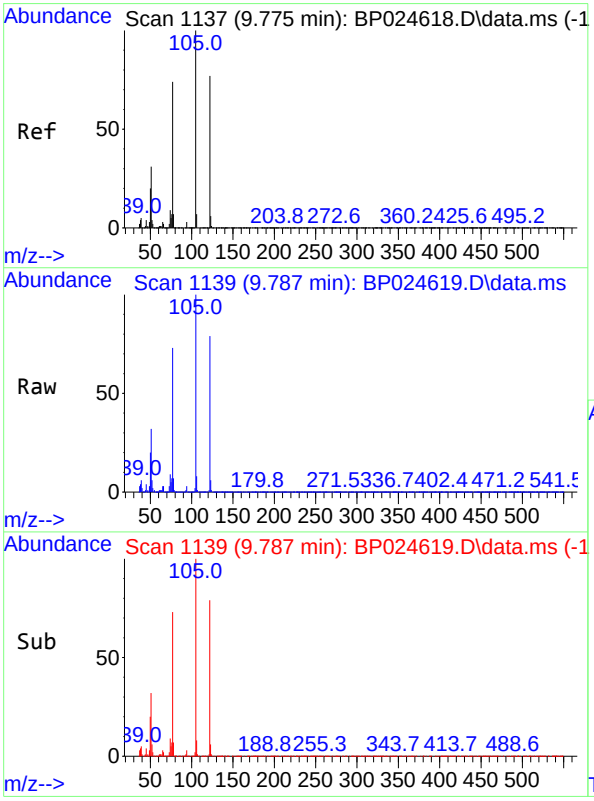
#31
Naphthalene
Concen: 52.65 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1336265

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.7	16.1

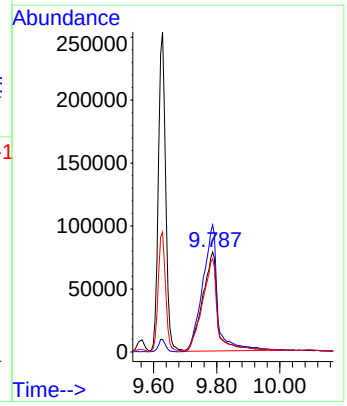


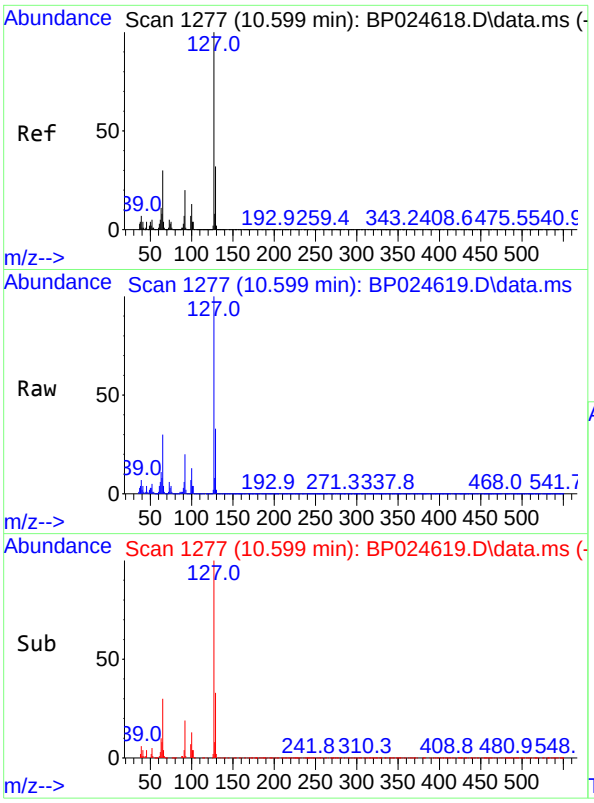


#32
Benzoic acid
Concen: 50.71 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:122 Resp: 263657

Ion	Ratio	Lower	Upper
122	100		
105	127.2	106.9	146.9
77	93.3	75.1	115.1



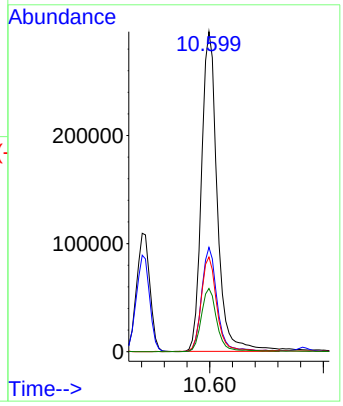


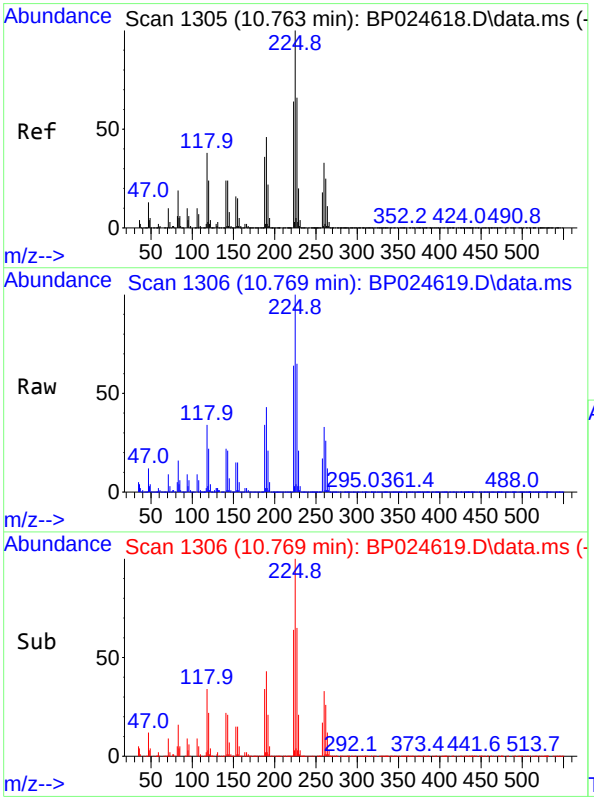
#33
4-Chloroaniline
Concen: 55.63 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 569812

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	29.6	23.9	35.9
92	19.7	16.1	24.1

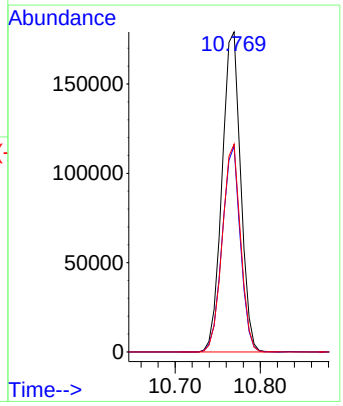


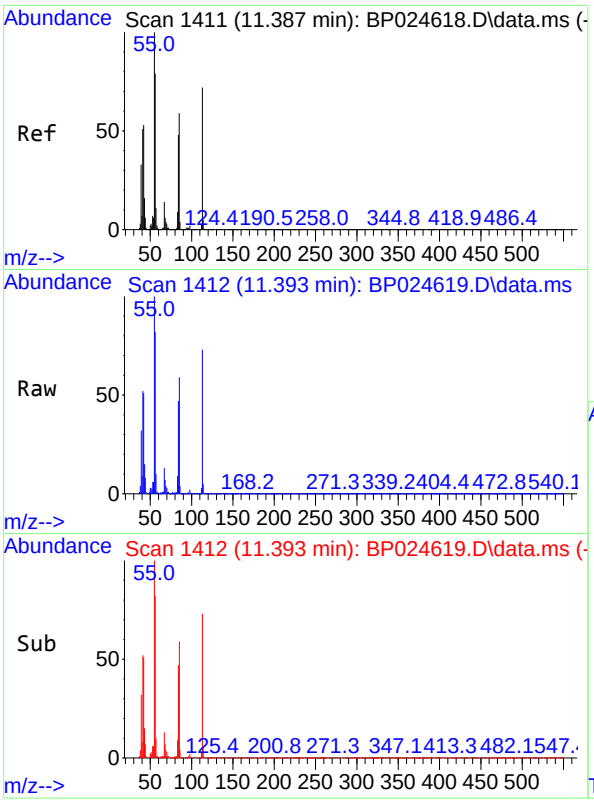


#34
Hexachlorobutadiene
Concen: 52.09 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:225 Resp: 271578

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.9	53.1	79.7



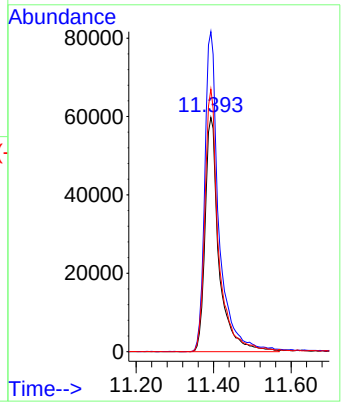


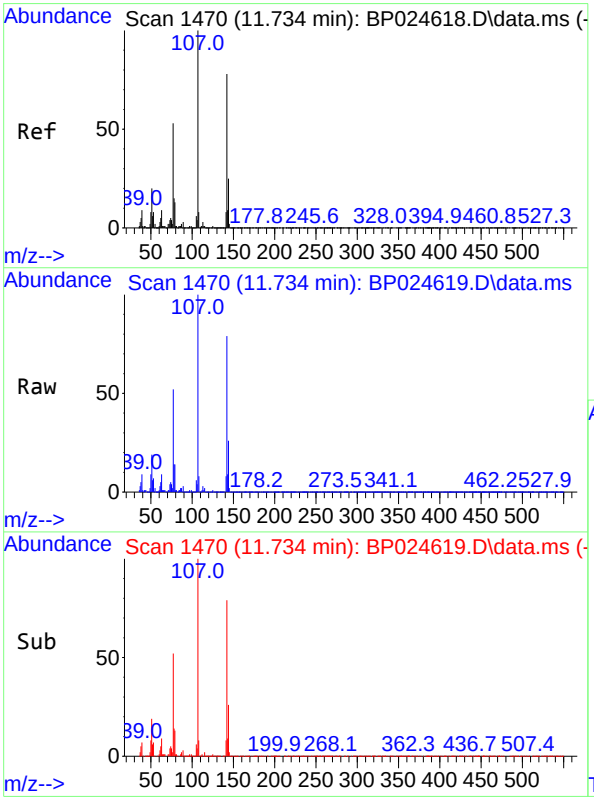
#35
Caprolactam
Concen: 57.53 ng
RT: 11.393 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 148586

Ion	Ratio	Lower	Upper
113	100		
55	136.6	119.0	159.0
56	112.0	90.3	130.3

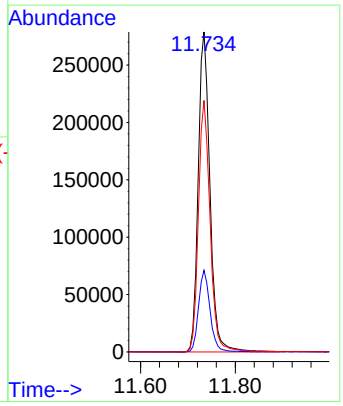


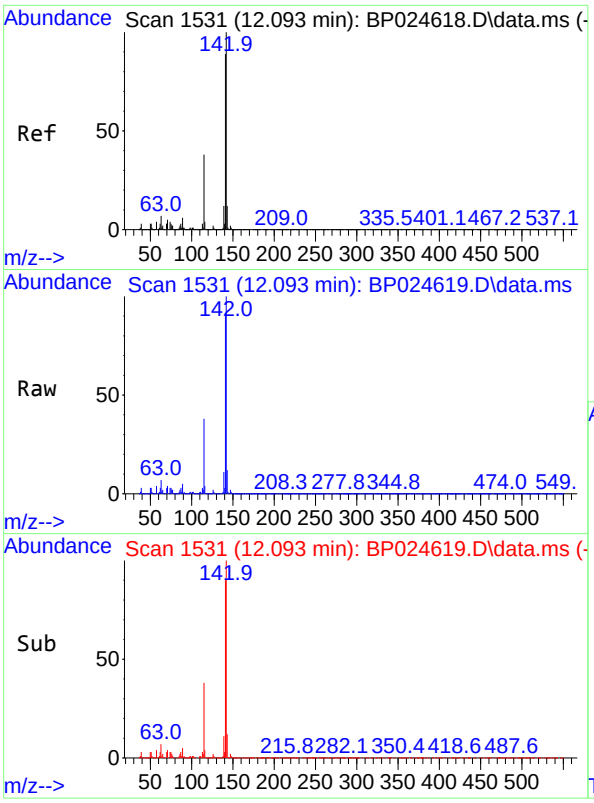


#36
4-Chloro-3-methylphenol
Concen: 54.97 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 478787

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	78.6	62.1	93.1



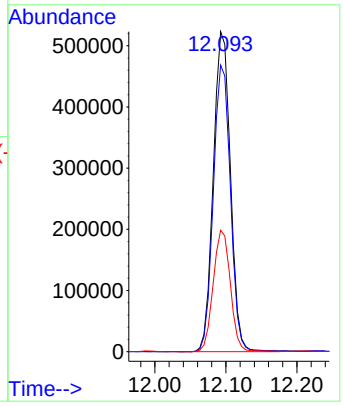


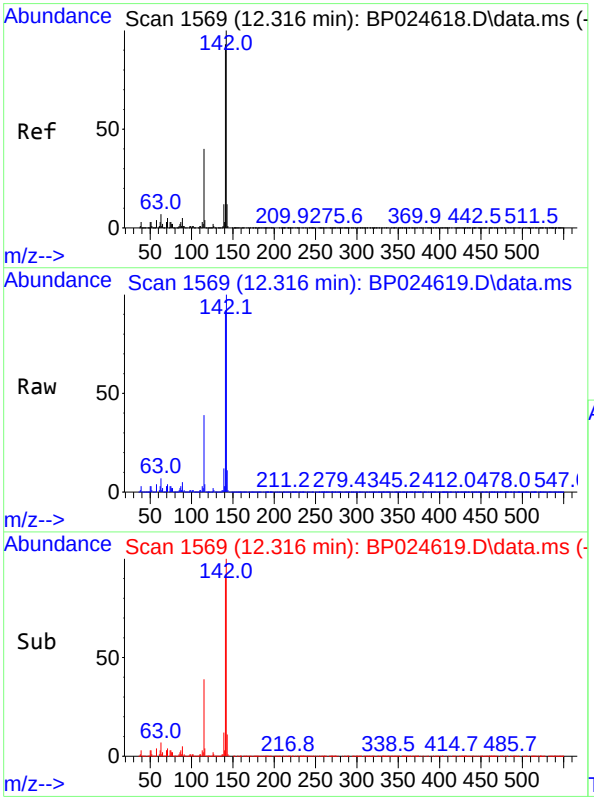
#37
2-Methylnaphthalene
Concen: 53.13 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 873274

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	37.9	30.6	46.0

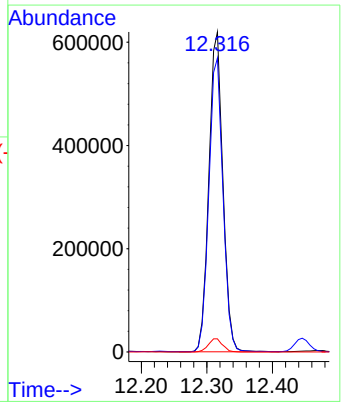


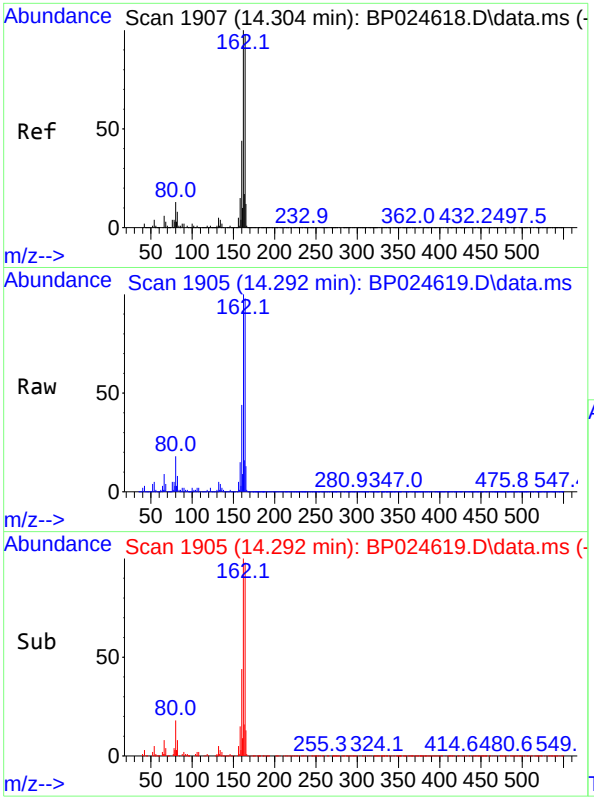


#38
1-Methylnaphthalene
Concen: 52.31 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:142 Resp: 919827

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.7	112.1
116	4.1	3.4	5.2



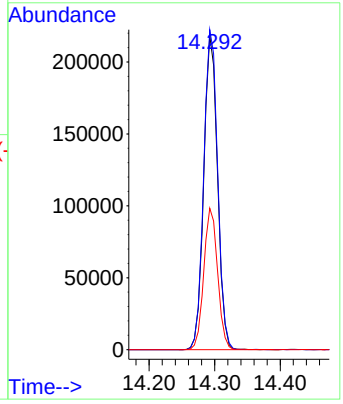


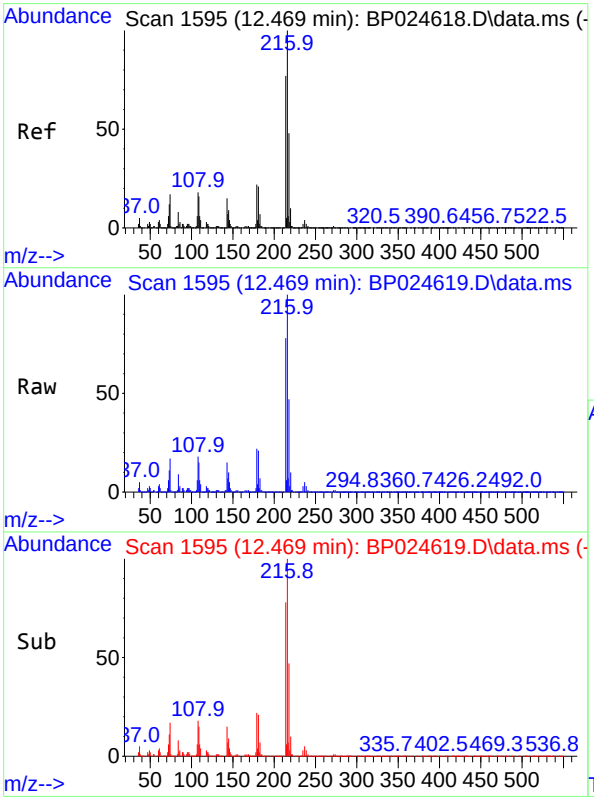
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 318760

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.6
160	45.1	36.3	54.5

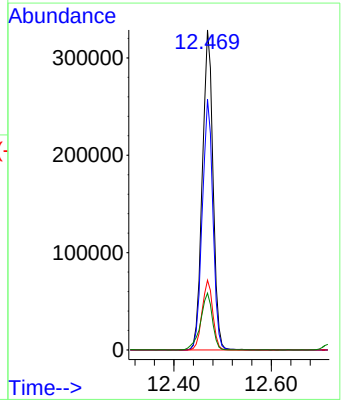


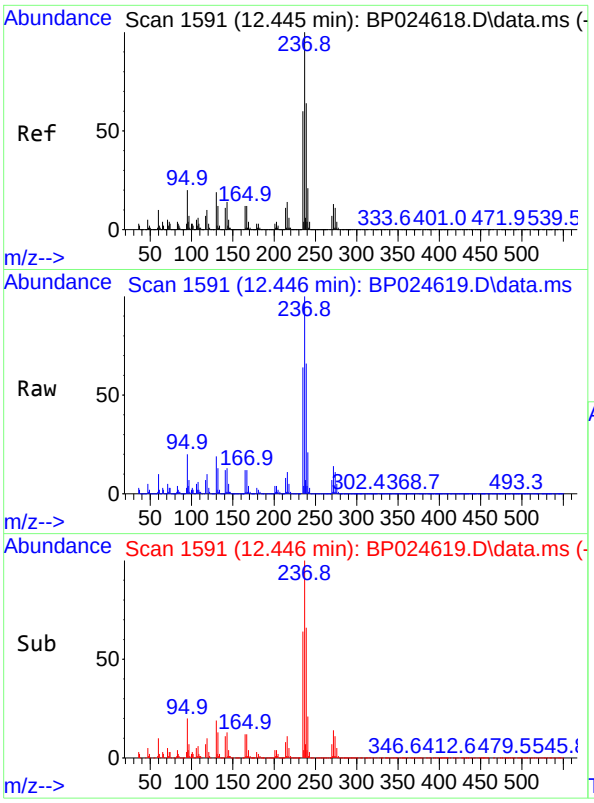


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.78 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:216 Resp: 497848

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	21.9	17.7	26.5
108	19.7	16.0	24.0



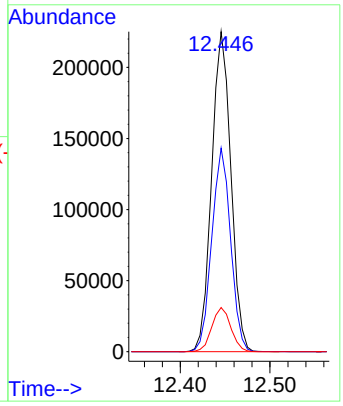


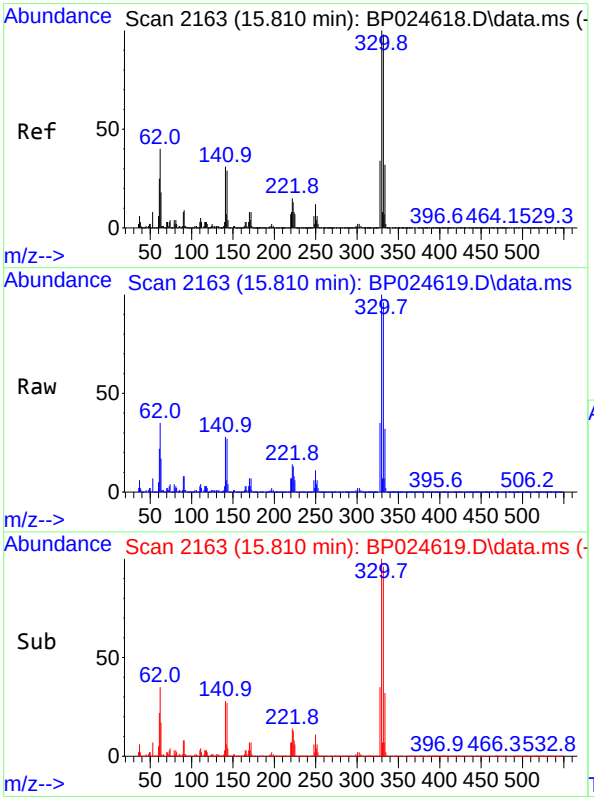
#41
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 334752

Ion	Ratio	Lower	Upper
237	100		
235	63.6	39.9	79.9
272	13.8	0.0	33.2

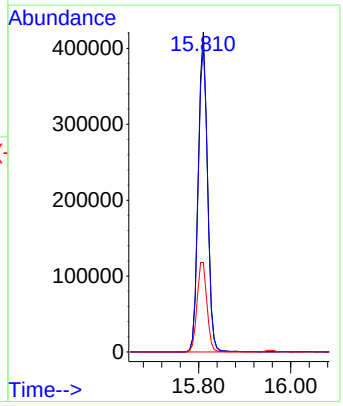


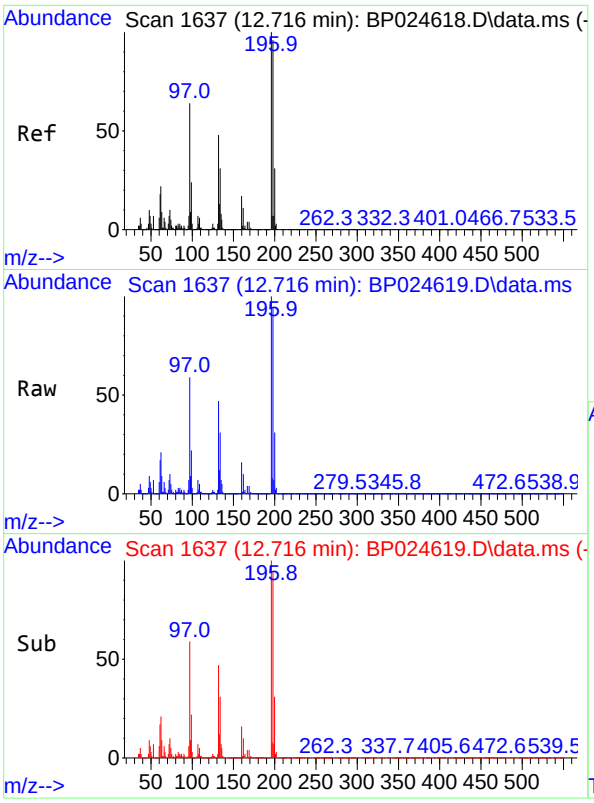


#42
2,4,6-Tribromophenol
Concen: 108.72 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:330 Resp: 587523

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	29.7	24.3	36.5



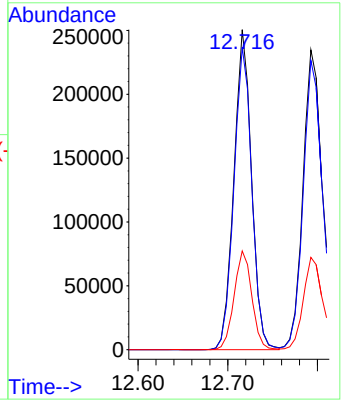


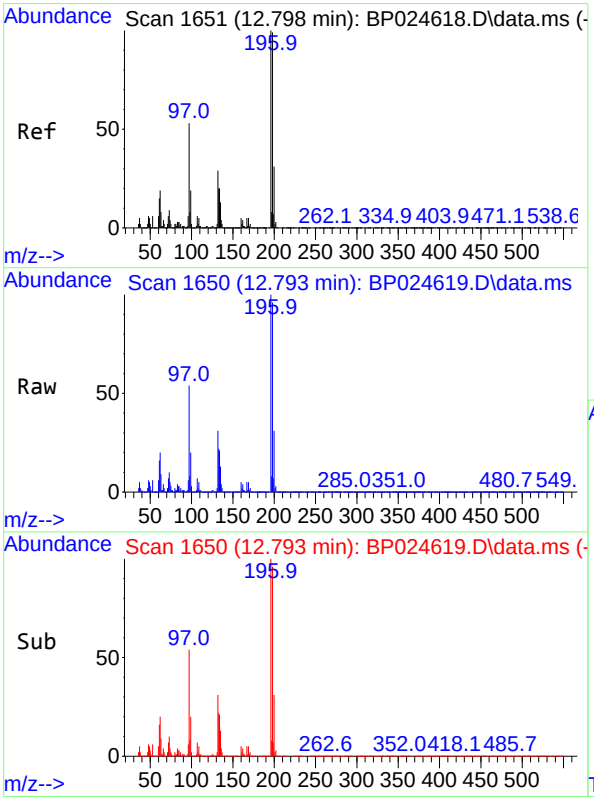
#43
2,4,6-Trichlorophenol
Concen: 56.89 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 341059

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.9	115.3
200	30.9	25.2	37.8

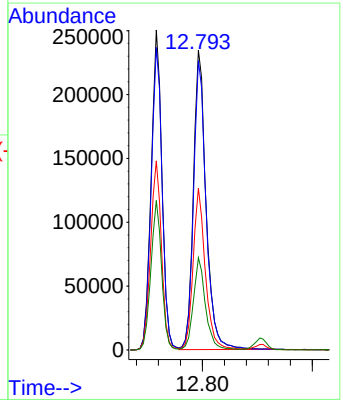


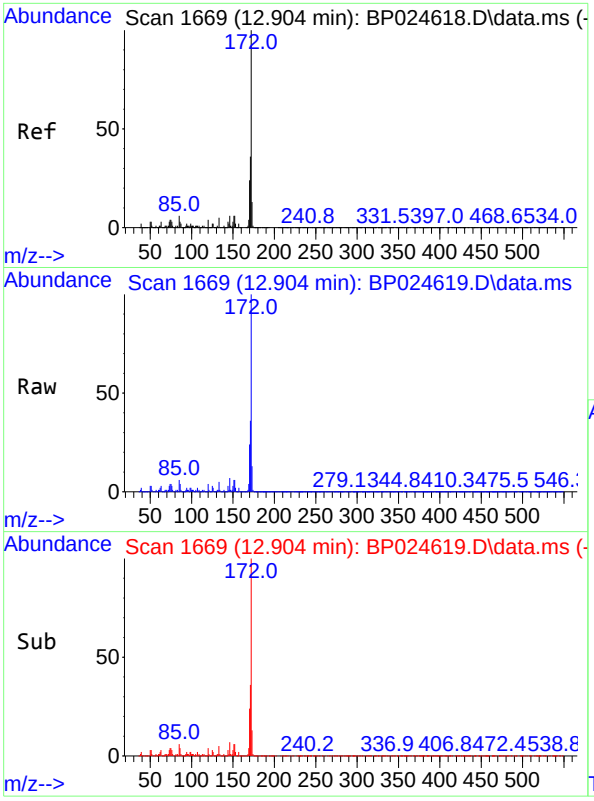


#44
2,4,5-Trichlorophenol
Concen: 56.24 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:196 Resp: 375330

Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.2	118.8
97	54.0	42.3	63.5
132	30.8	23.3	34.9



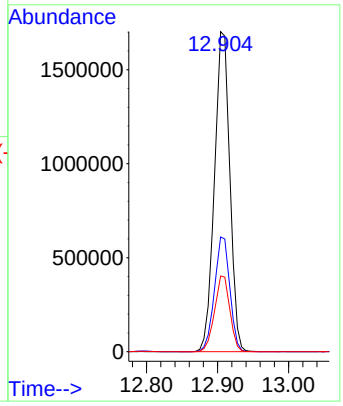


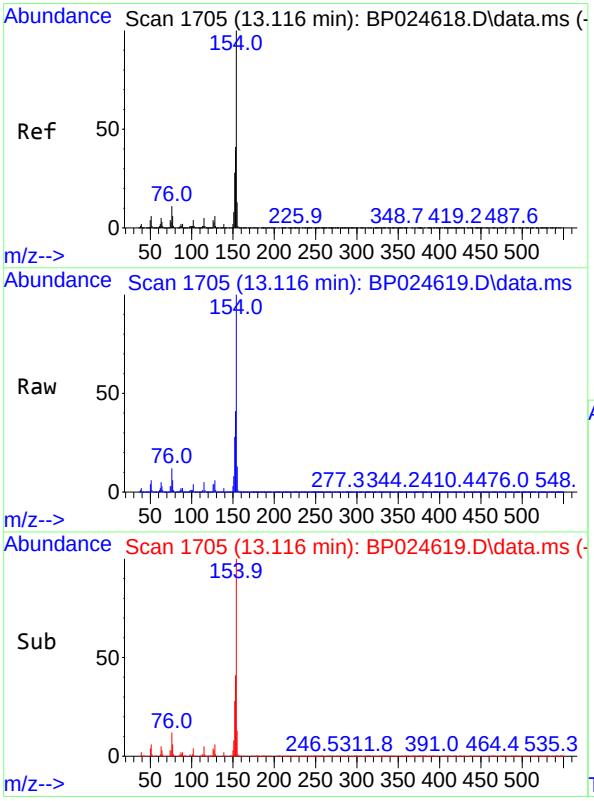
#45
2-Fluorobiphenyl
Concen: 104.96 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 2553765

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	18.8	28.2

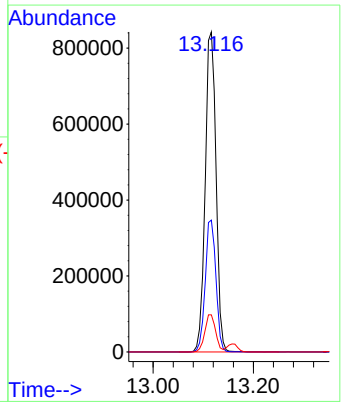


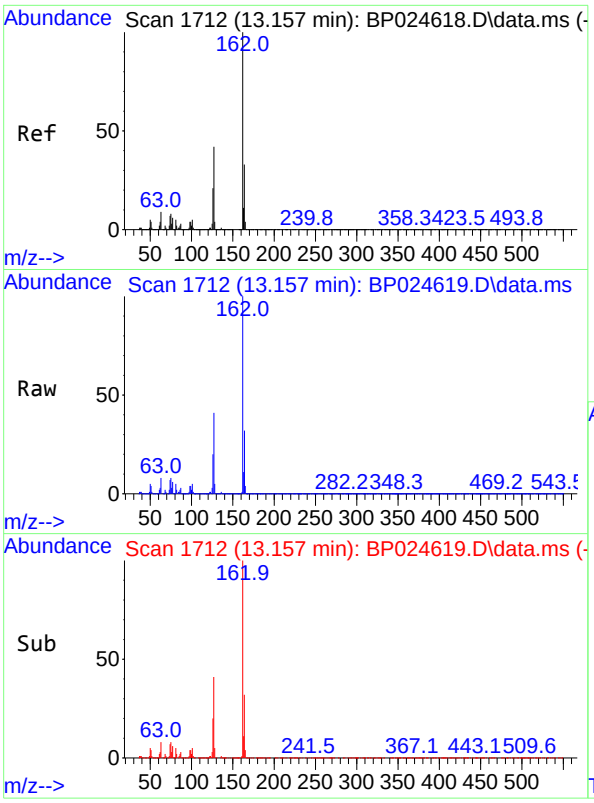


#46
1,1'-Biphenyl
Concen: 53.64 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 1263640

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.6	0.0	31.5



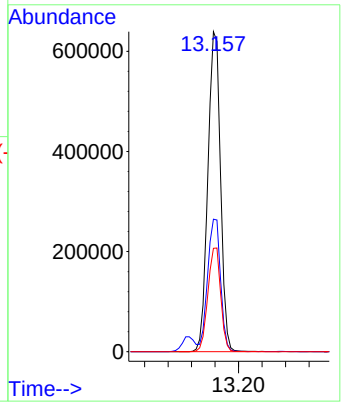


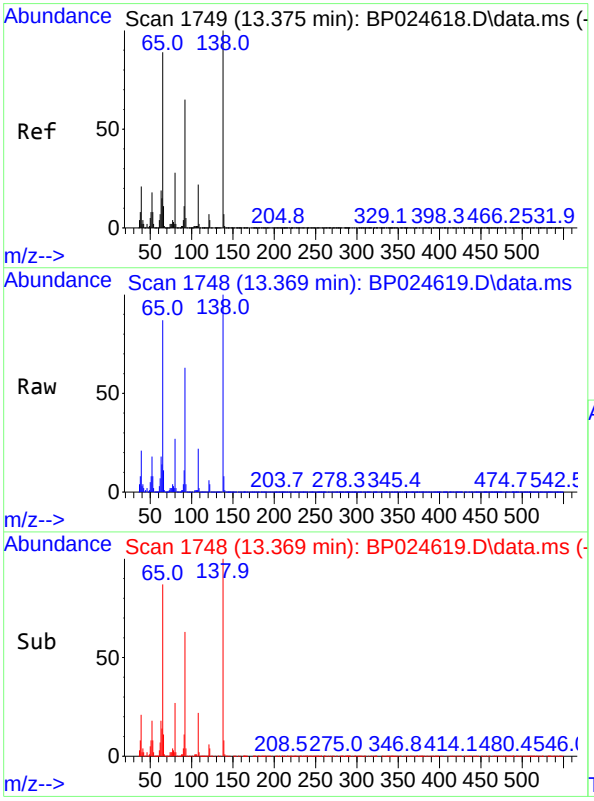
#47
2-Chloronaphthalene
Concen: 53.04 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 952857

Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.8	50.6
164	32.3	26.0	39.0

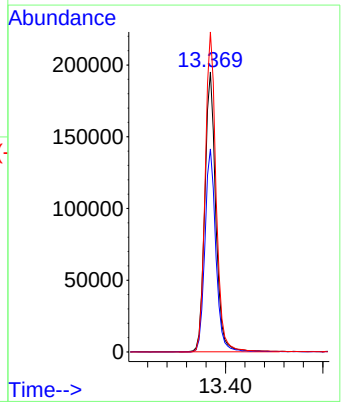


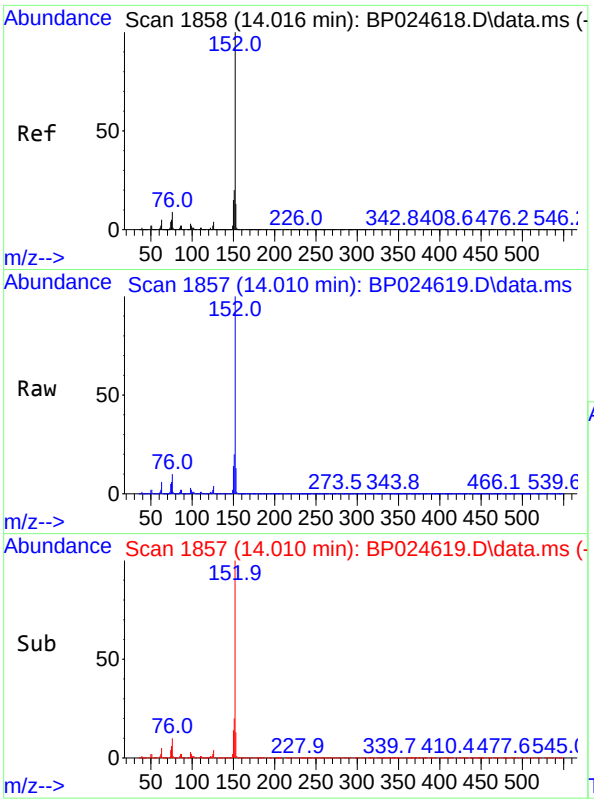


#48
2-Nitroaniline
Concen: 57.06 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 65 Resp: 303475

Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.7	88.1
138	114.3	90.2	135.2



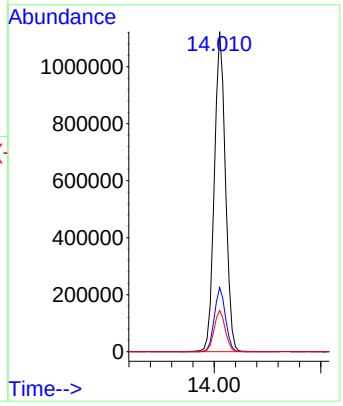


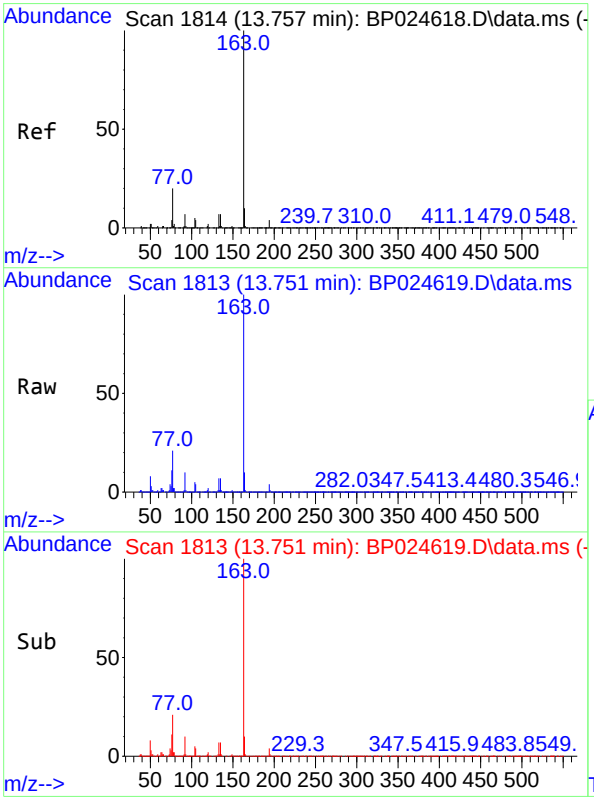
#49
Acenaphthylene
Concen: 53.79 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1616938

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.9	10.2	15.4

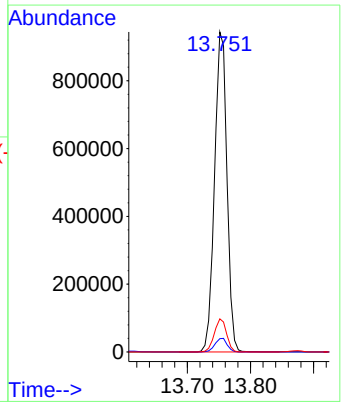


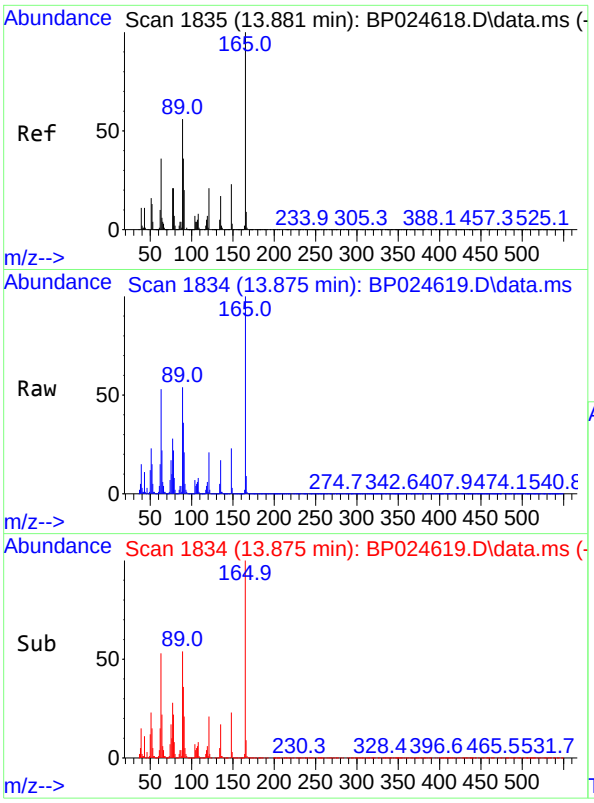


#50
Dimethylphthalate
Concen: 52.83 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:163 Resp: 1283491

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1



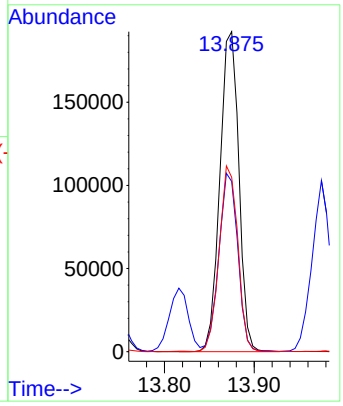


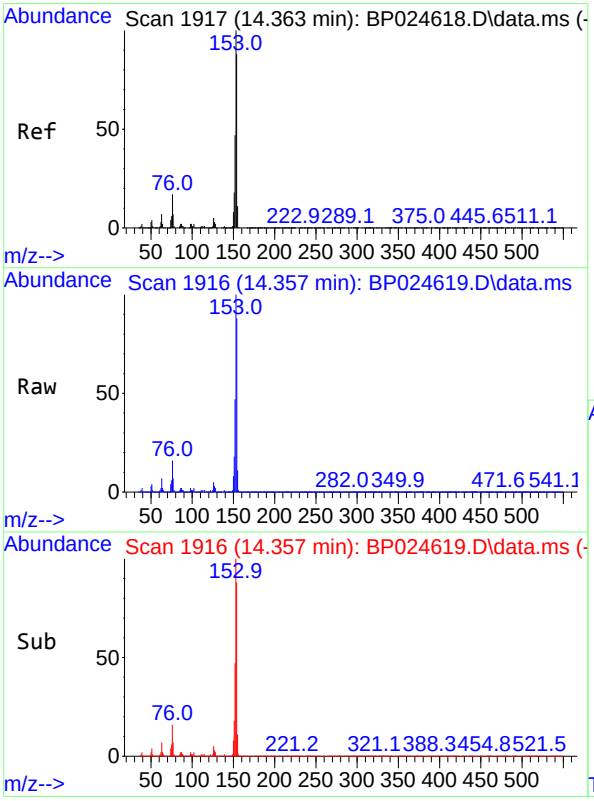
#51
2,6-Dinitrotoluene
Concen: 54.91 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 281728

Ion	Ratio	Lower	Upper
165	100		
63	53.2	42.4	63.6
89	54.5	44.8	67.2

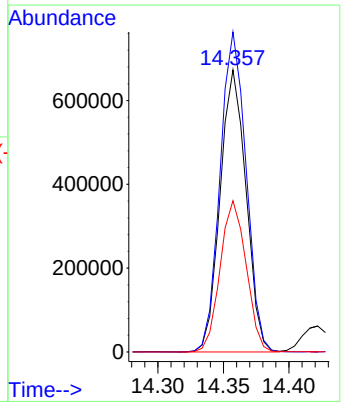


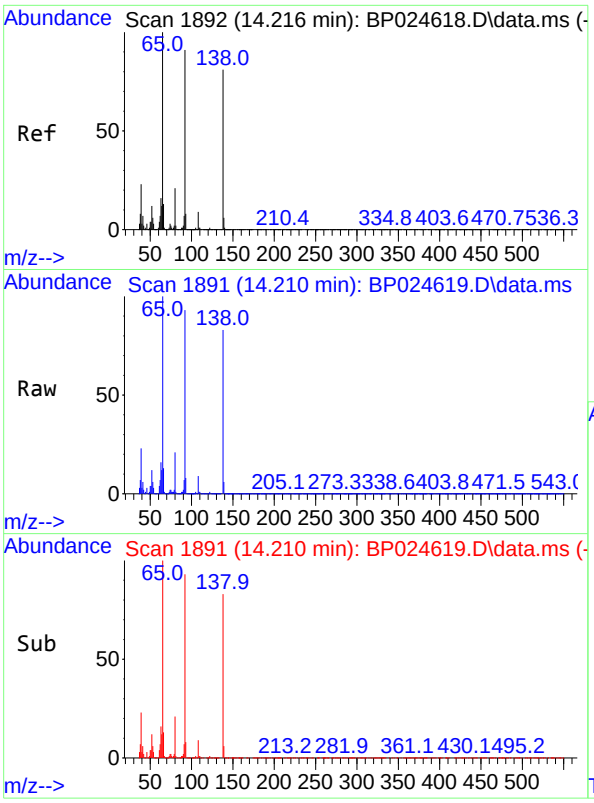


#52
Acenaphthene
Concen: 53.42 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 923238

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.4
152	53.6	42.9	64.3



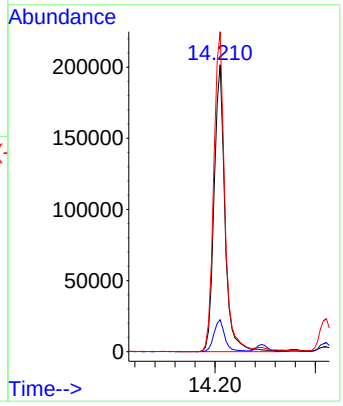


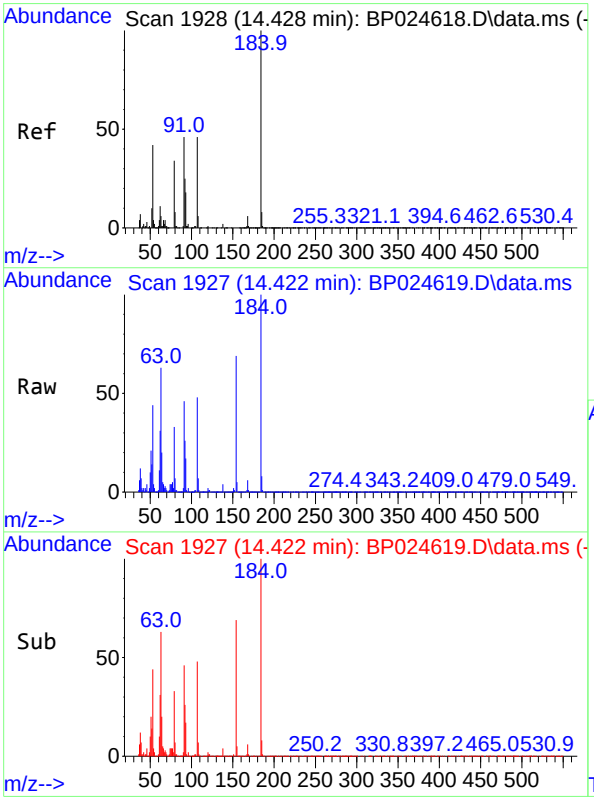
#53
3-Nitroaniline
Concen: 57.71 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 302341

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	111.5	90.1	135.1

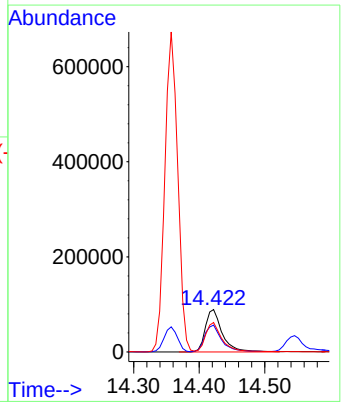


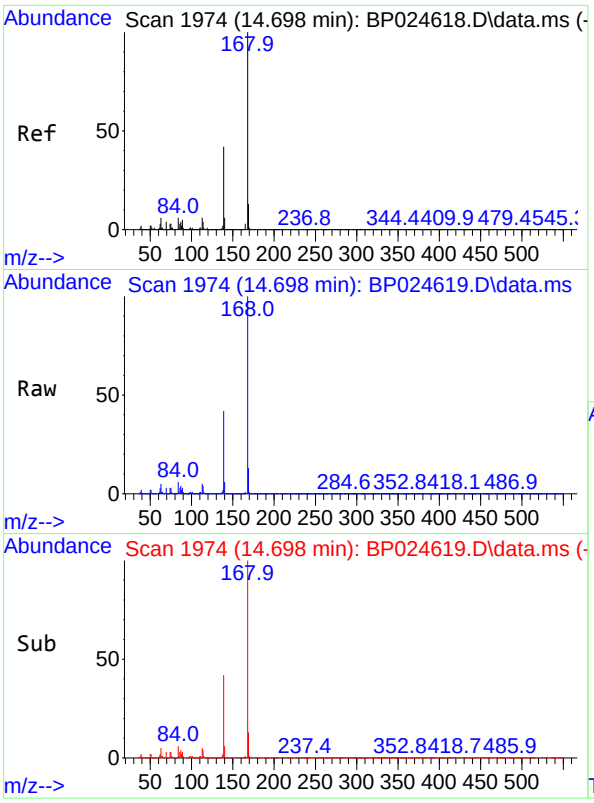


#54
2,4-Dinitrophenol
Concen: 51.86 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:184 Resp: 159888

Ion	Ratio	Lower	Upper
184	100		
63	63.3	51.3	76.9
154	69.3	53.5	80.3



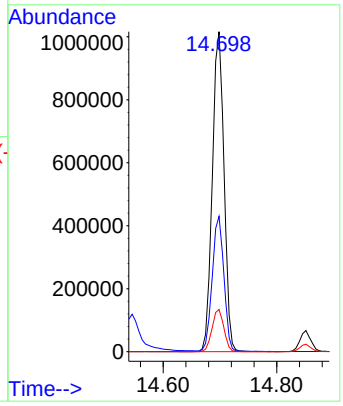


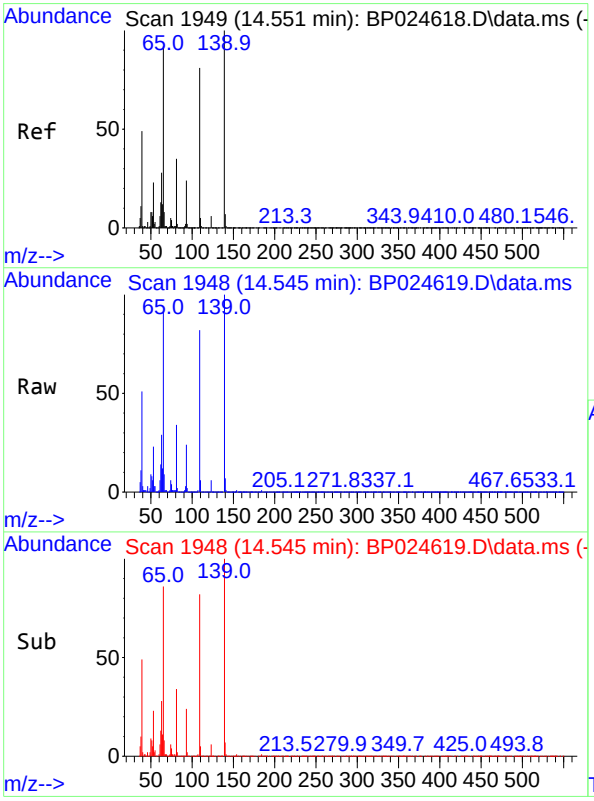
#55
Dibenzofuran
Concen: 52.50 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1447333

Ion	Ratio	Lower	Upper
168	100		
139	42.3	34.2	51.4
169	13.2	10.8	16.2

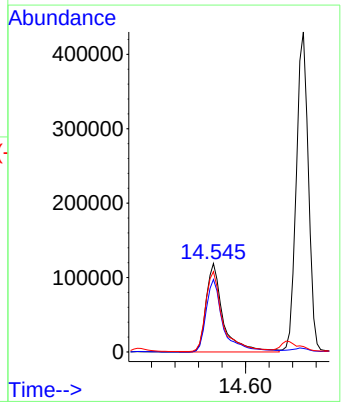


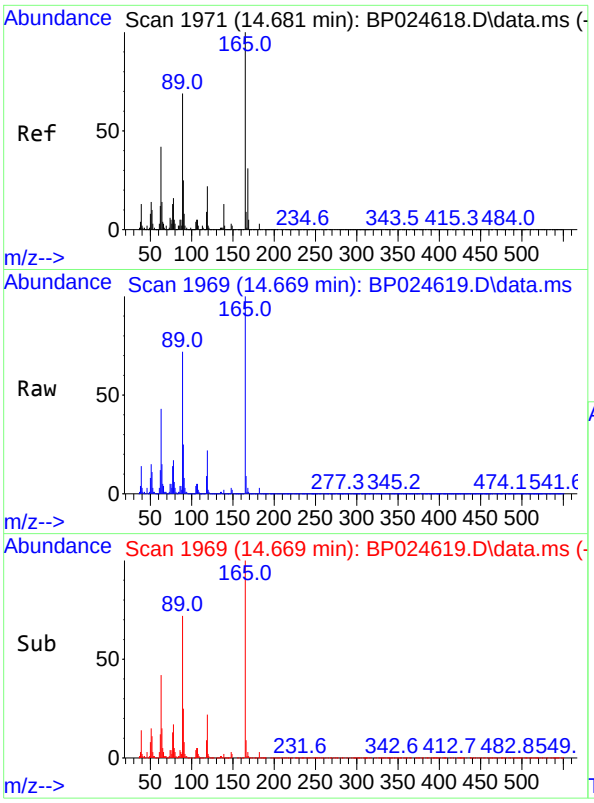


#56
4-Nitrophenol
Concen: 53.99 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 238294

Ion	Ratio	Lower	Upper
139	100		
109	82.0	61.4	101.4
65	90.8	72.2	112.2



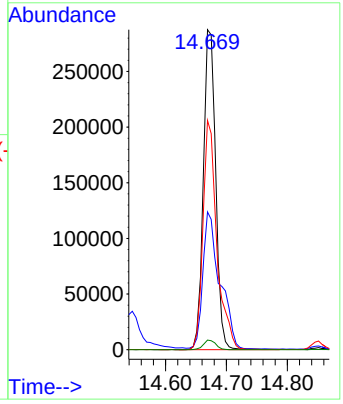


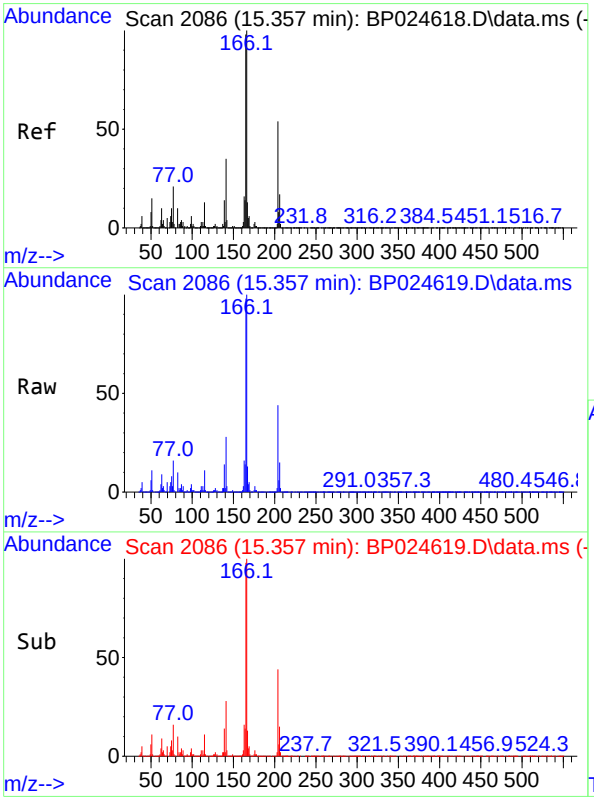
#57
2,4-Dinitrotoluene
Concen: 55.94 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 404684

Ion	Ratio	Lower	Upper
165	100		
63	43.0	33.8	50.6
89	71.7	55.6	83.4
182	3.0	2.4	3.6

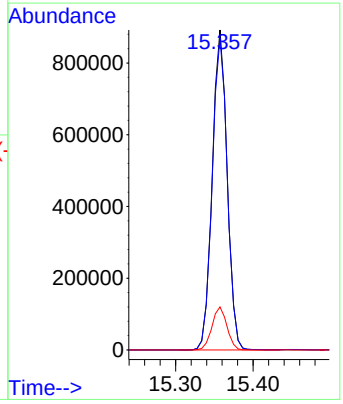


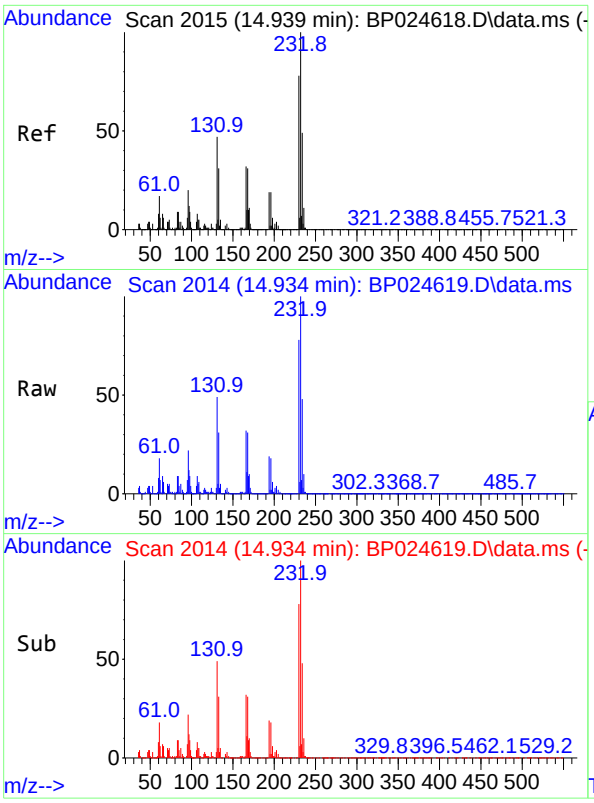


#58
Fluorene
Concen: 52.97 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:166 Resp: 1190632

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.5	117.7
167	13.4	10.7	16.1



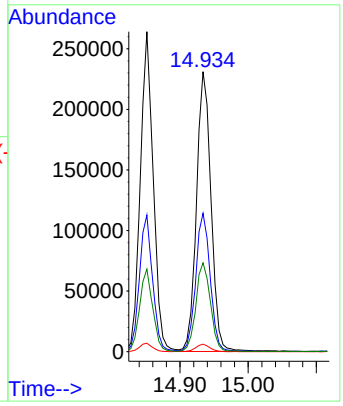


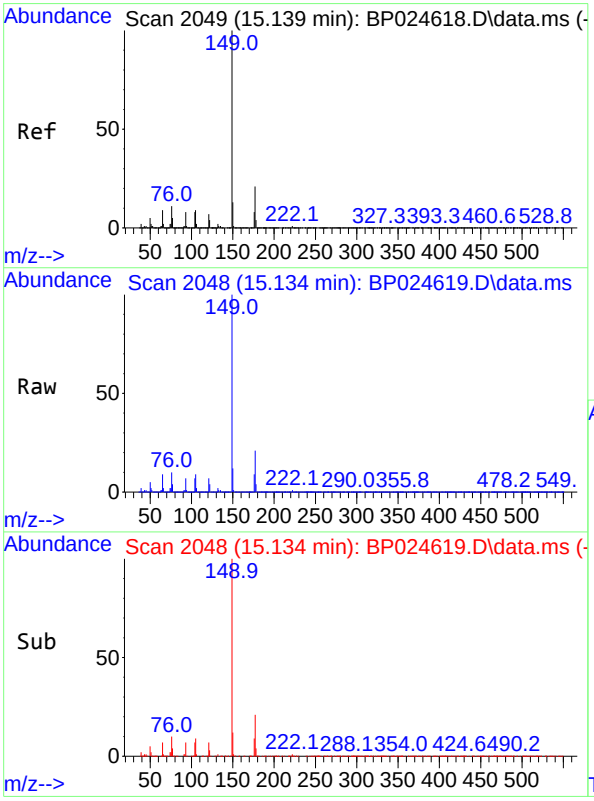
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.11 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 341204

Ion	Ratio	Lower	Upper
232	100		
131	49.3	39.5	59.3
130	2.6	2.2	3.4
166	31.8	25.7	38.5

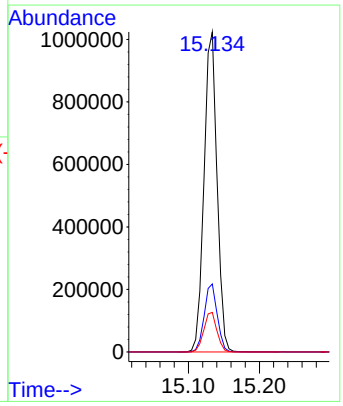


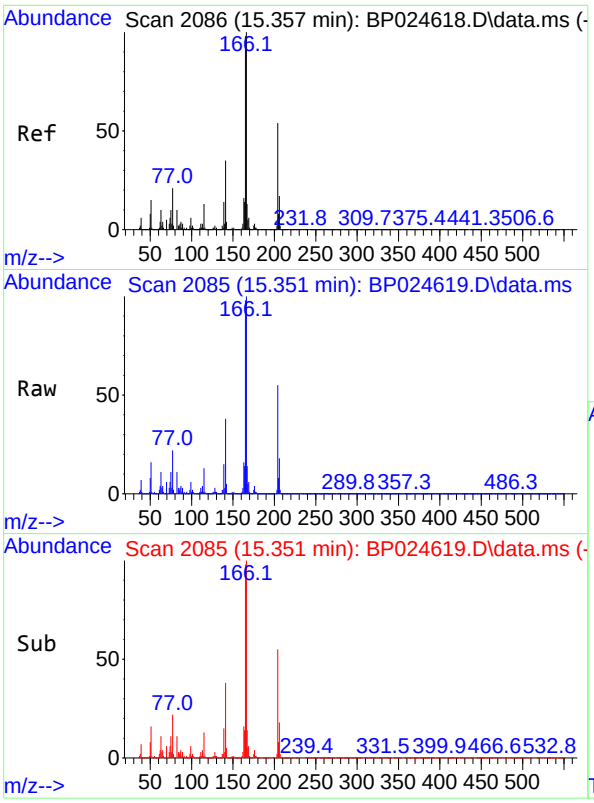


#60
Diethylphthalate
Concen: 53.18 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1305791

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.3	10.2	15.2



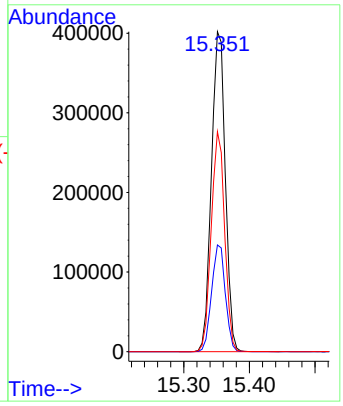


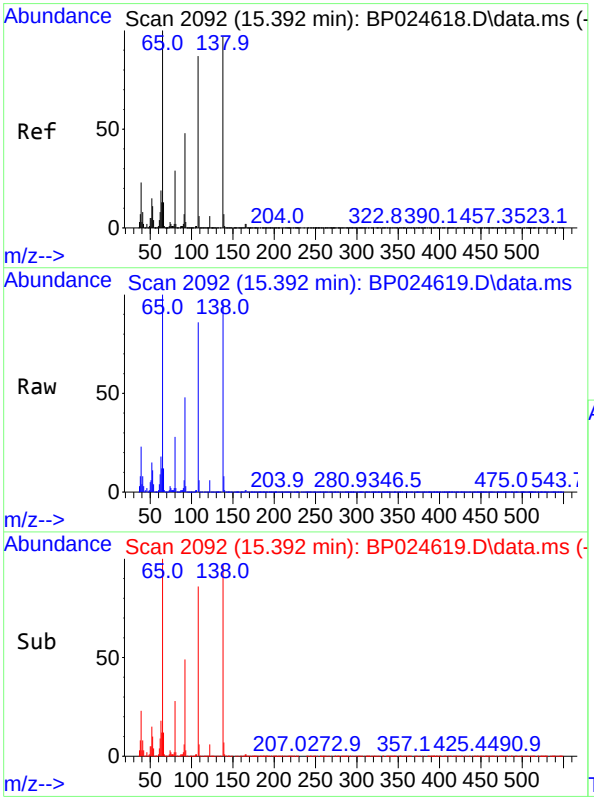
#61
4-Chlorophenyl-phenylether
Concen: 52.67 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 590421

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.0	39.0
141	68.7	52.9	79.3

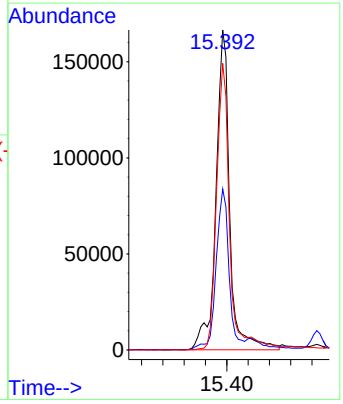


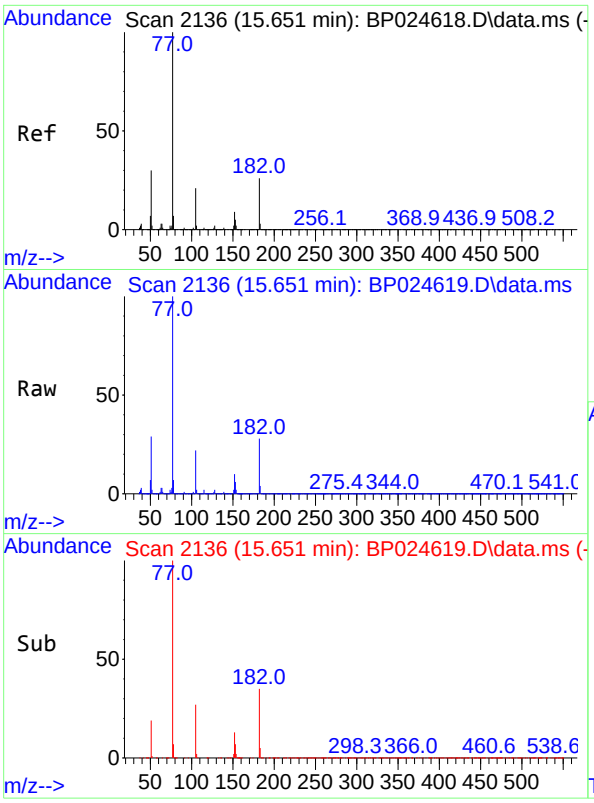


#62
4-Nitroaniline
Concen: 58.55 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:138 Resp: 298681

Ion	Ratio	Lower	Upper
138	100		
92	50.3	29.2	69.2
108	89.6	69.0	109.0



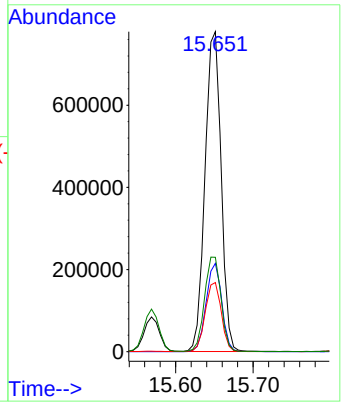


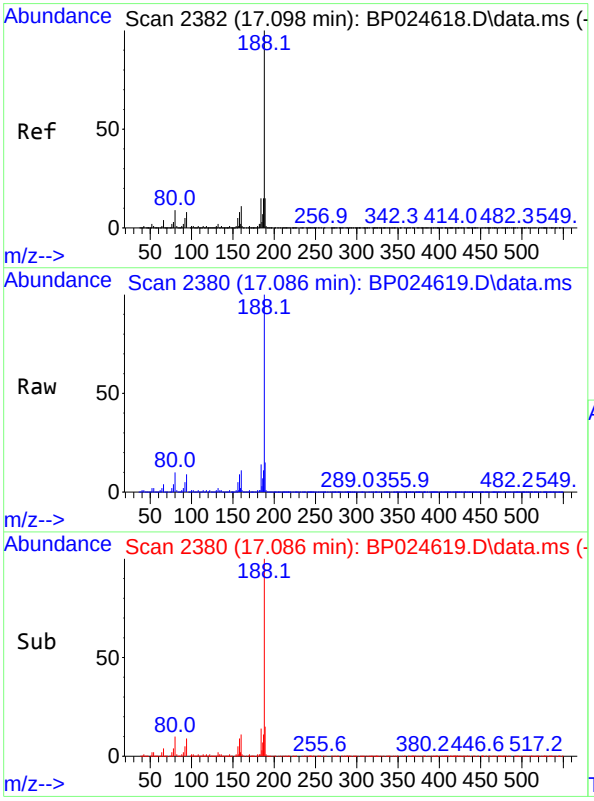
#63
Azobenzene
Concen: 53.39 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1121556

Ion	Ratio	Lower	Upper
77	100		
182	27.6	5.7	45.7
105	21.6	1.3	41.3
51	29.5	10.6	50.6

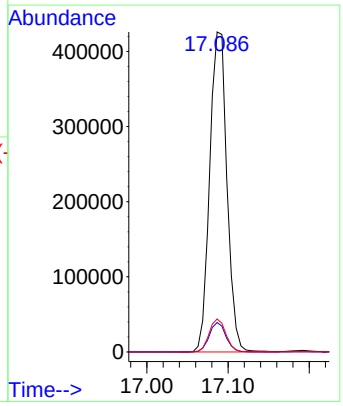


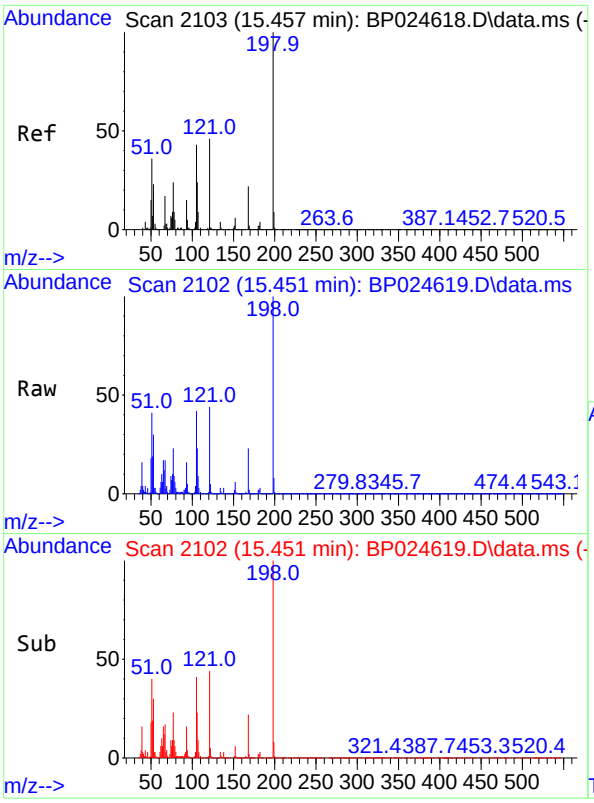


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:188 Resp: 628781

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.3	7.3	10.9



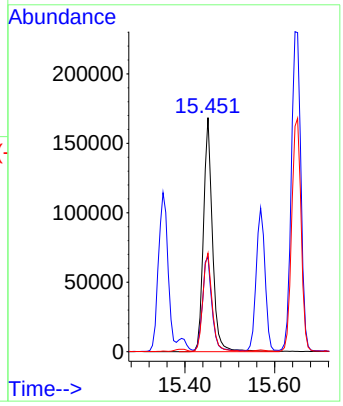


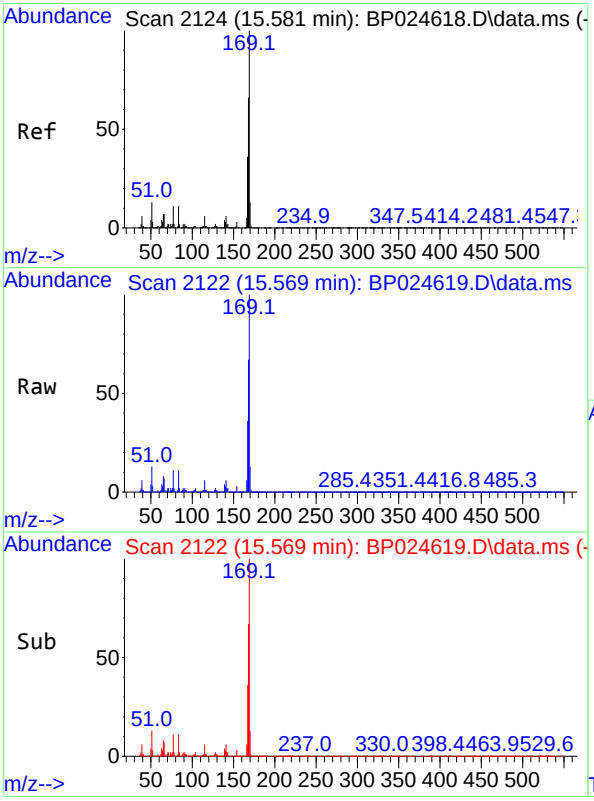
#65
4,6-Dinitro-2-methylphenol
Concen: 57.64 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 234095

Ion	Ratio	Lower	Upper
198	100		
51	40.5	21.1	61.1
105	42.1	23.6	63.6

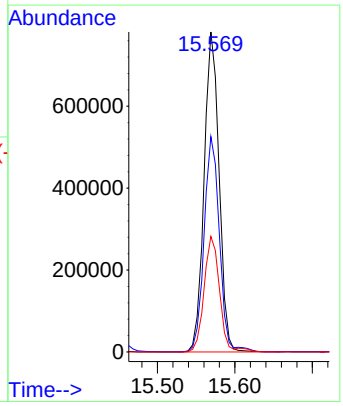


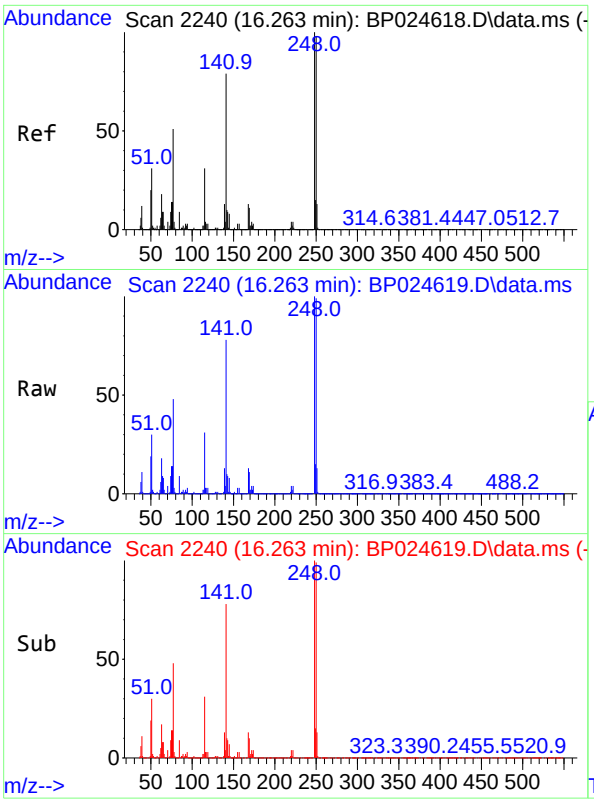


#66
n-Nitrosodiphenylamine
Concen: 54.28 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:169 Resp: 1048396

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.1	28.6	43.0



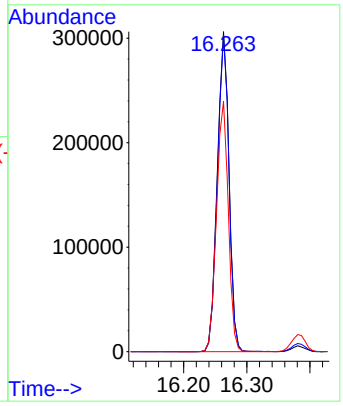


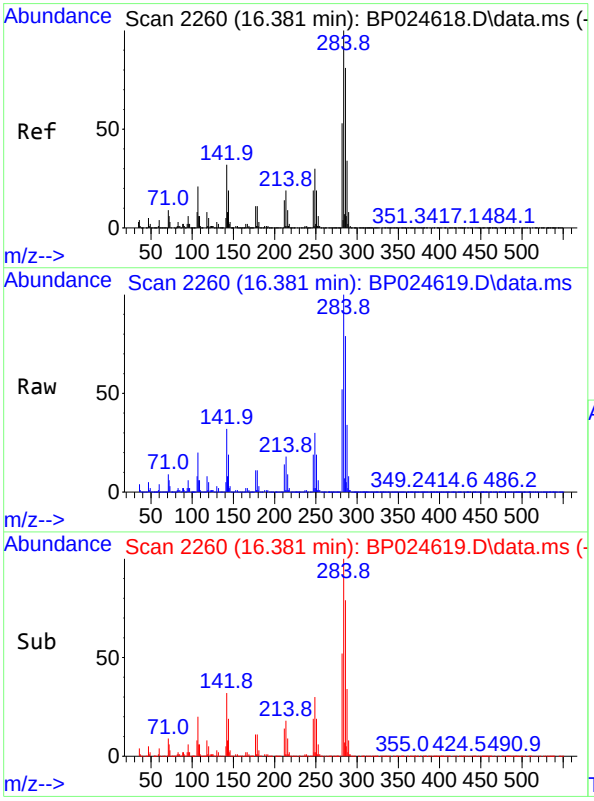
#67
4-Bromophenyl-phenylether
Concen: 53.50 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 396385

Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.2	117.4
141	78.2	63.0	94.6

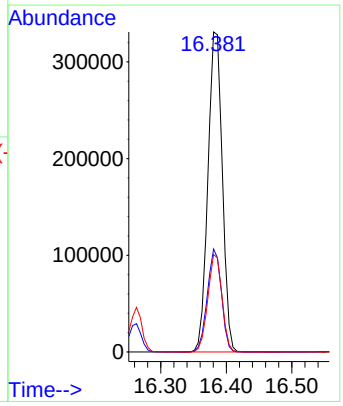


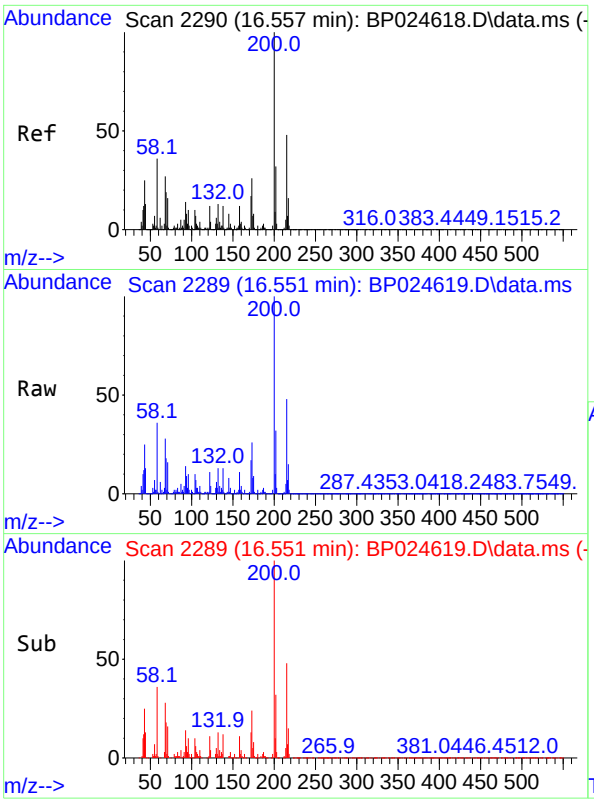


#68
Hexachlorobenzene
Concen: 53.64 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:284 Resp: 504987

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.9	38.9
249	30.4	24.1	36.1



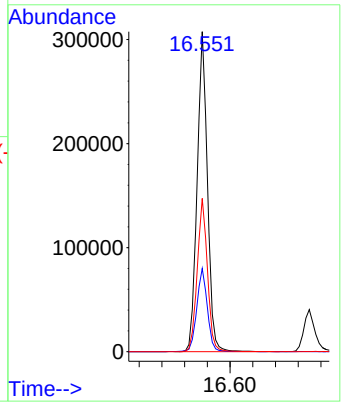


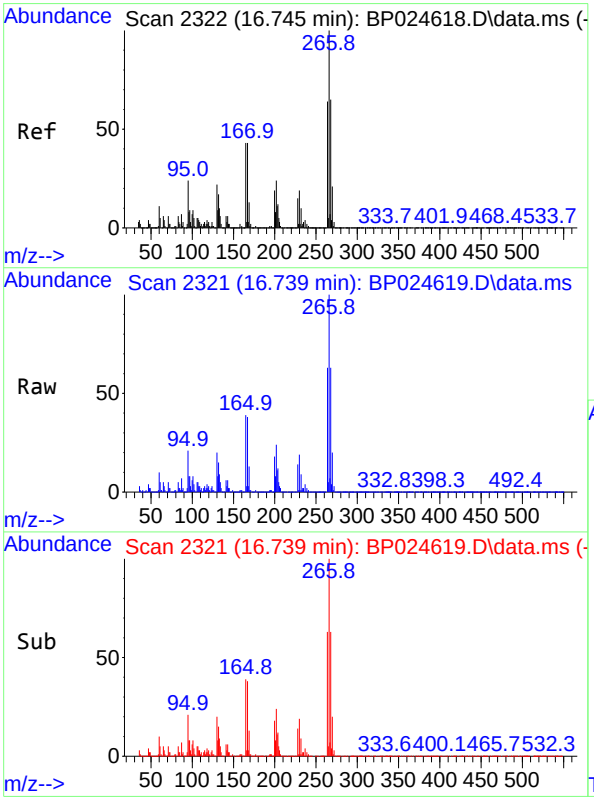
#69
Atrazine
Concen: 55.07 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 389749

Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.9	45.9
215	47.9	28.3	68.3

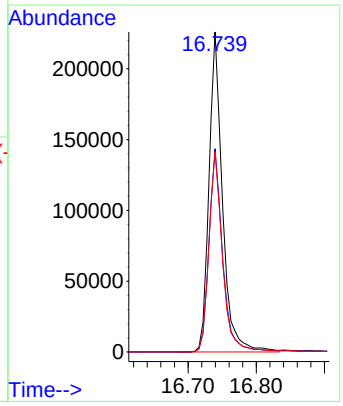


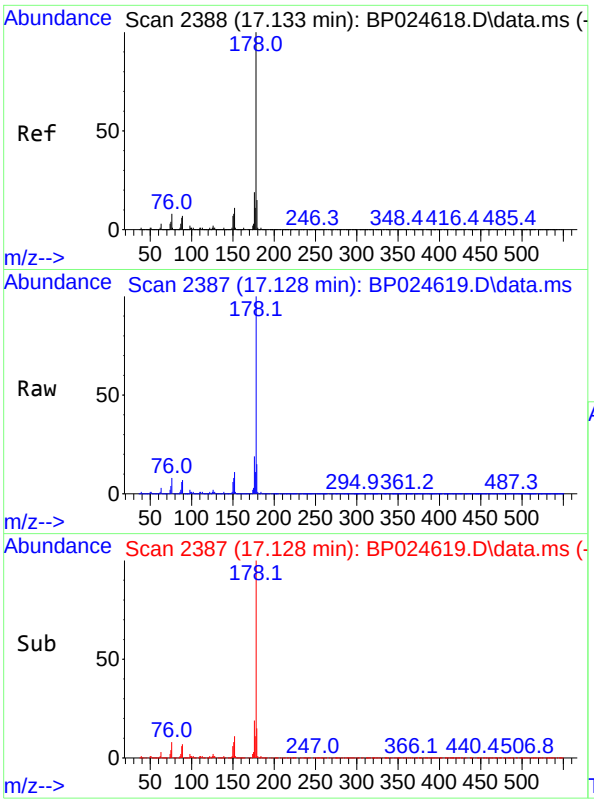


#70
Pentachlorophenol
Concen: 58.71 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:266 Resp: 310477

Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.2	78.4
264	62.6	51.1	76.7



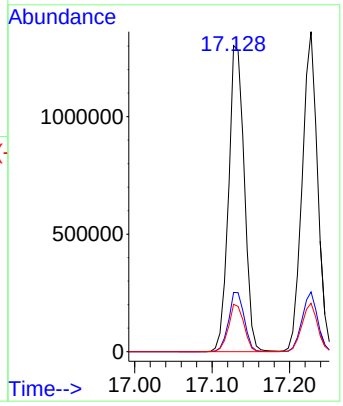


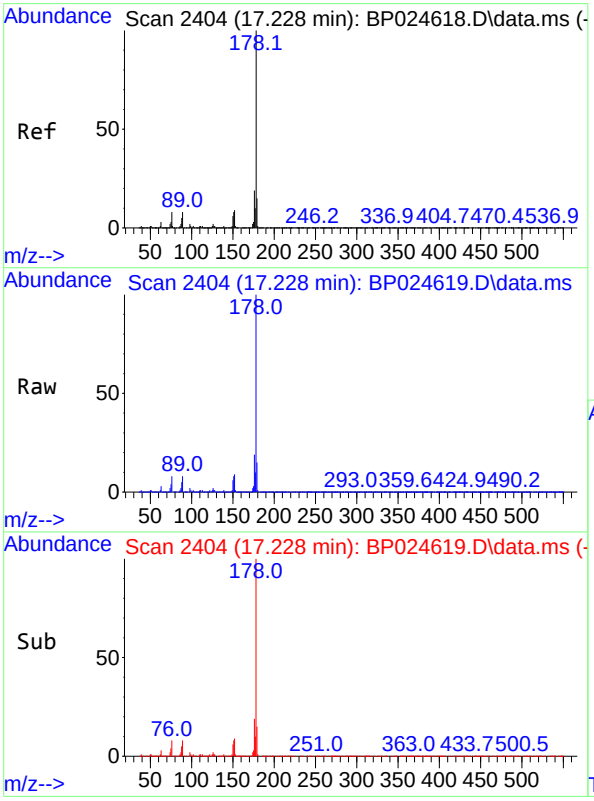
#71
Phenanthrene
Concen: 52.61 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1838891

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.2	18.4

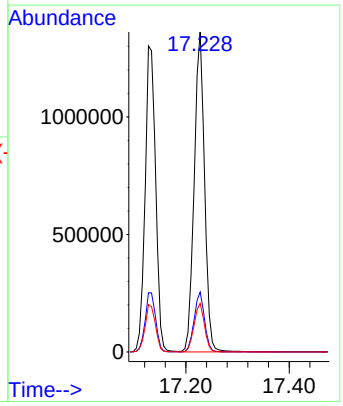


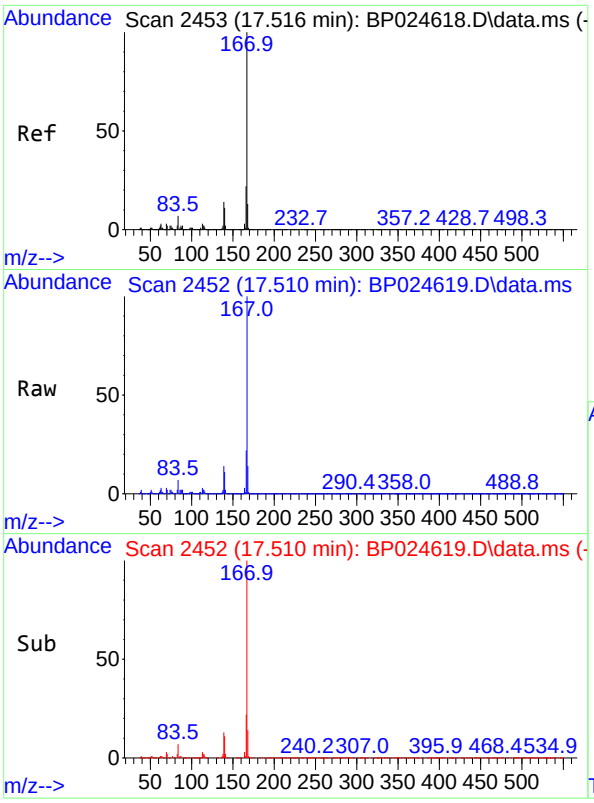


#72
Anthracene
Concen: 53.87 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:178 Resp: 1894573

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.2	18.2



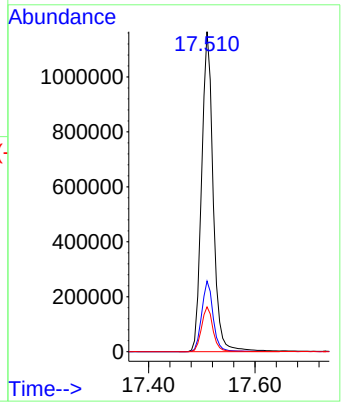


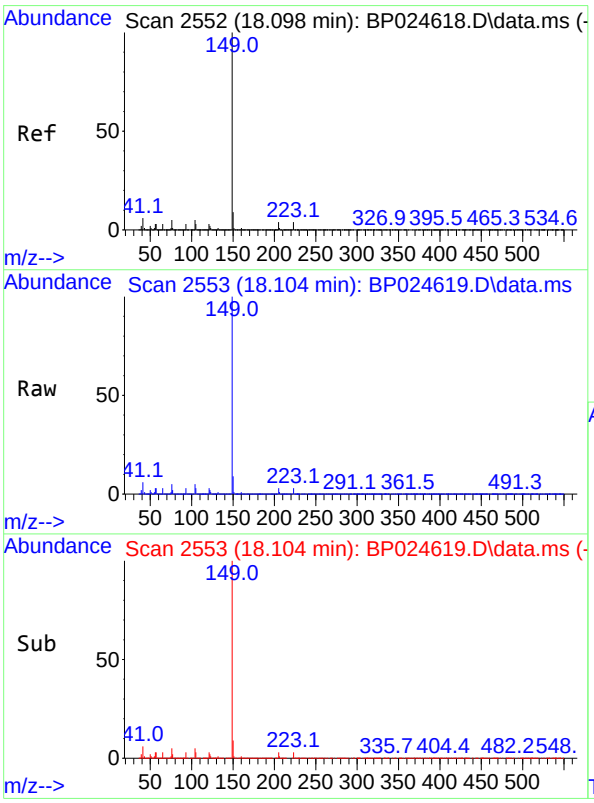
#73
Carbazole
Concen: 55.00 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 1750681

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.0	11.3	16.9

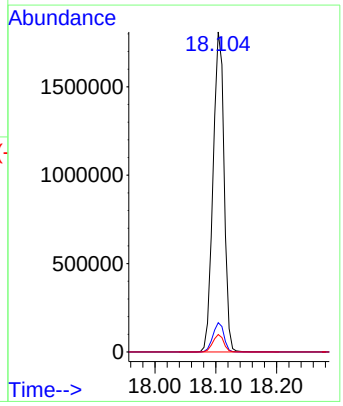


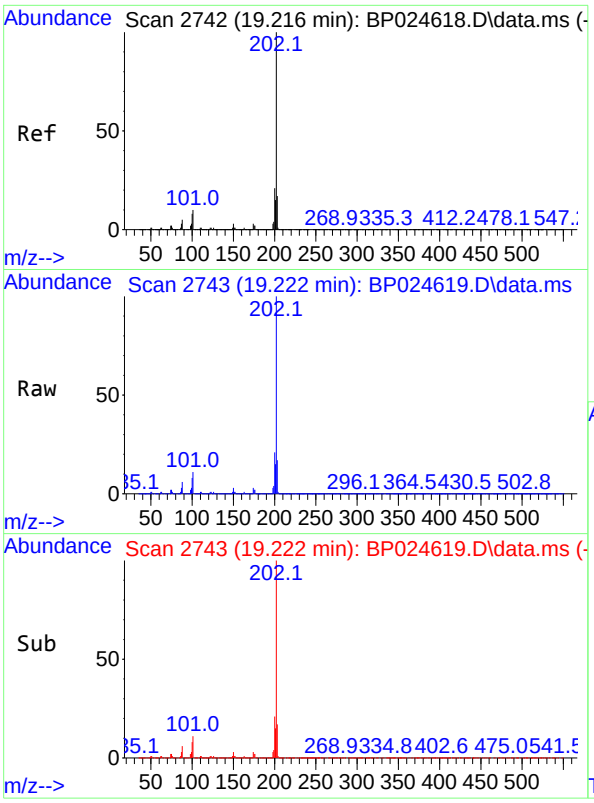


#74
Di-n-butylphthalate
Concen: 55.58 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 2275163

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.3	6.5



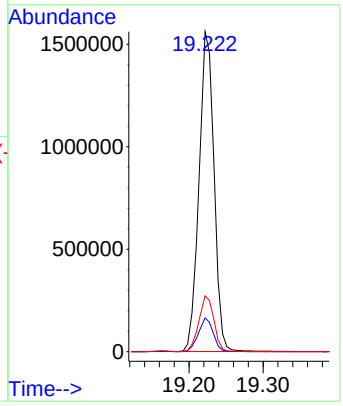


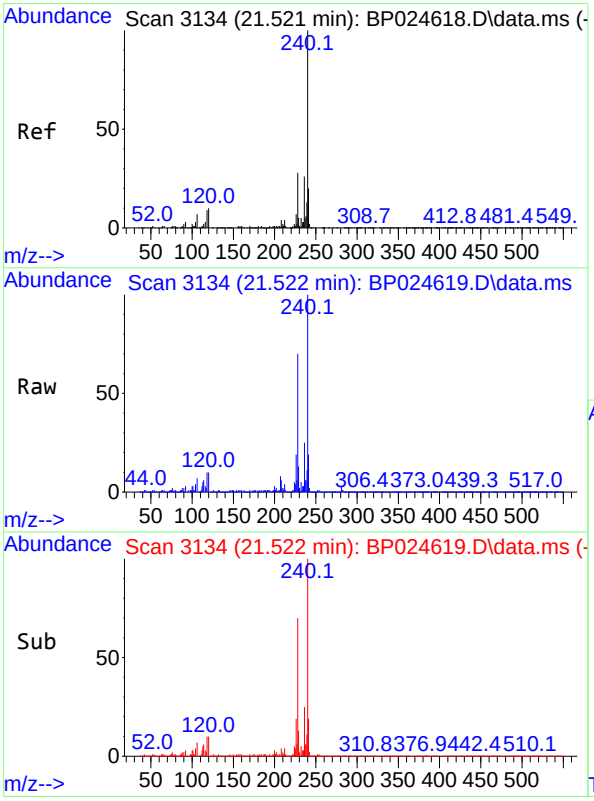
#75
Fluoranthene
Concen: 53.84 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 2199818

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
203	17.4	0.0	37.5

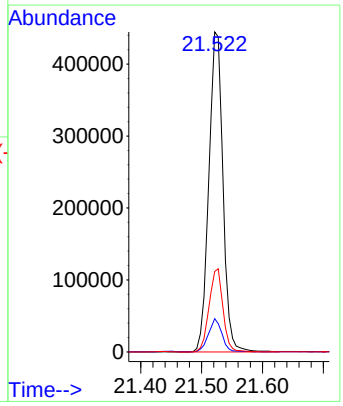


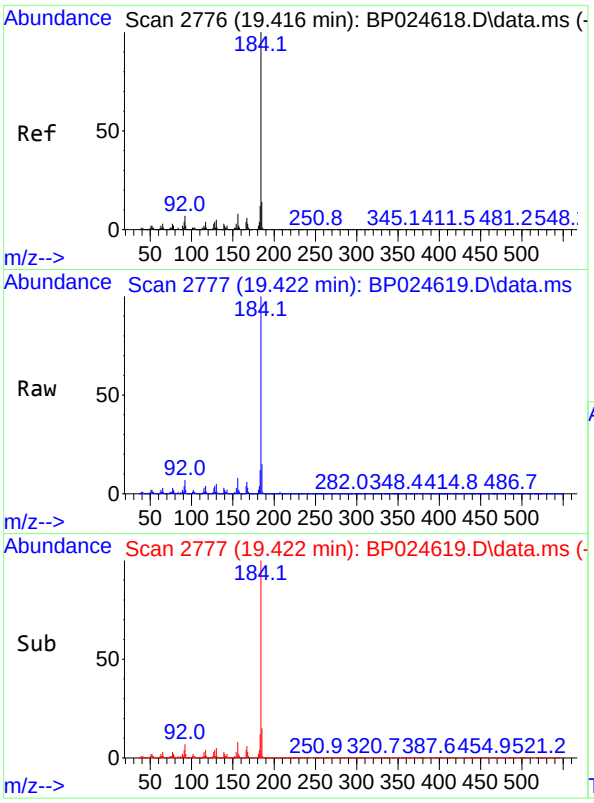


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:240 Resp: 717340

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	25.1	20.6	31.0



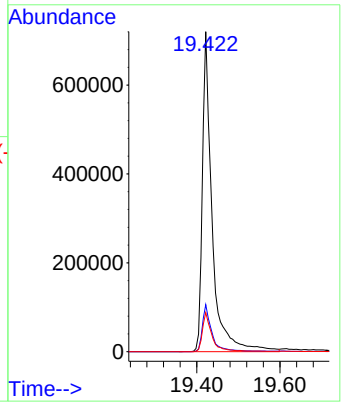


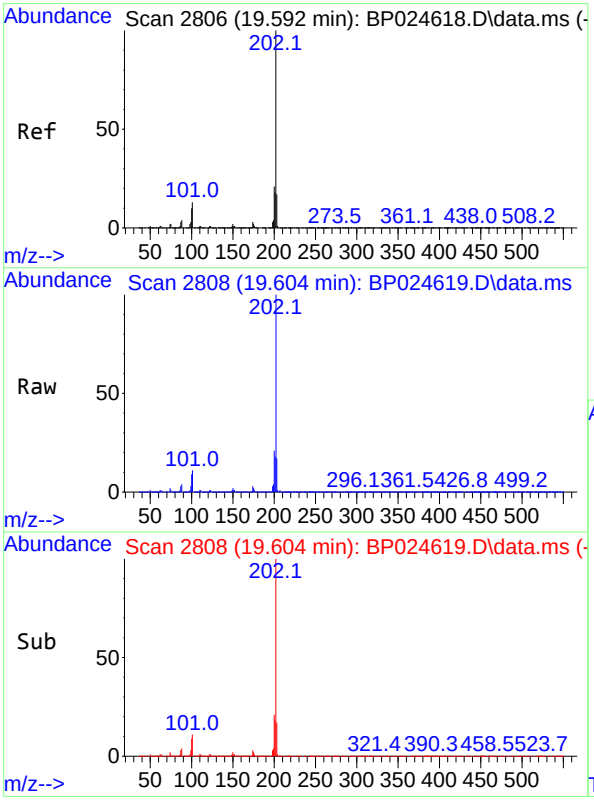
#77
Benzidine
Concen: 59.85 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 1178505

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.2	16.8
183	12.2	9.8	14.8

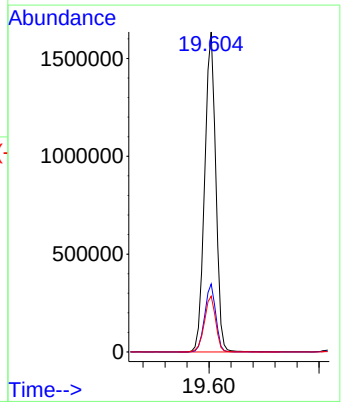


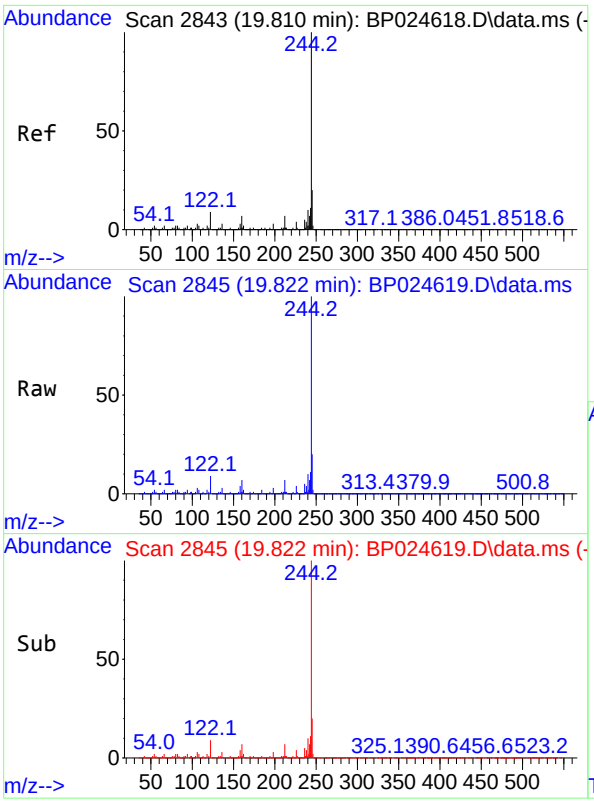


#78
Pyrene
Concen: 53.11 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:202 Resp: 2282702

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	13.9	20.9



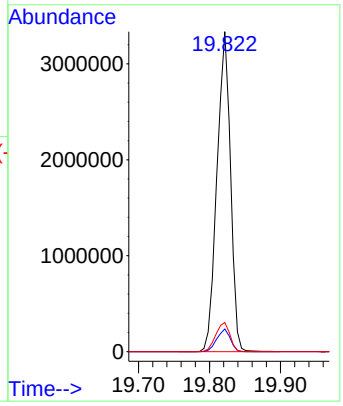


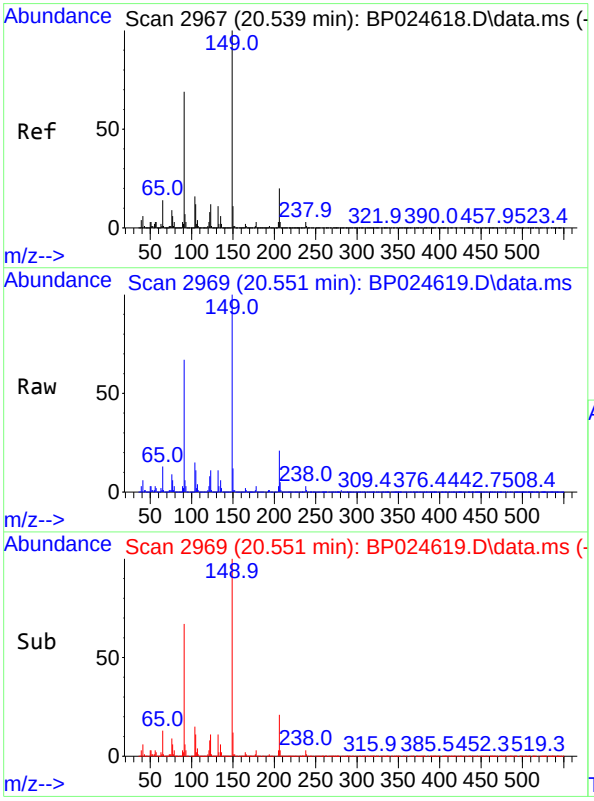
#79
Terphenyl-d14
Concen: 105.15 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 4398872

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.2	7.4	11.0

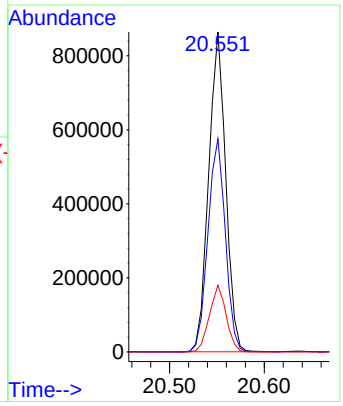


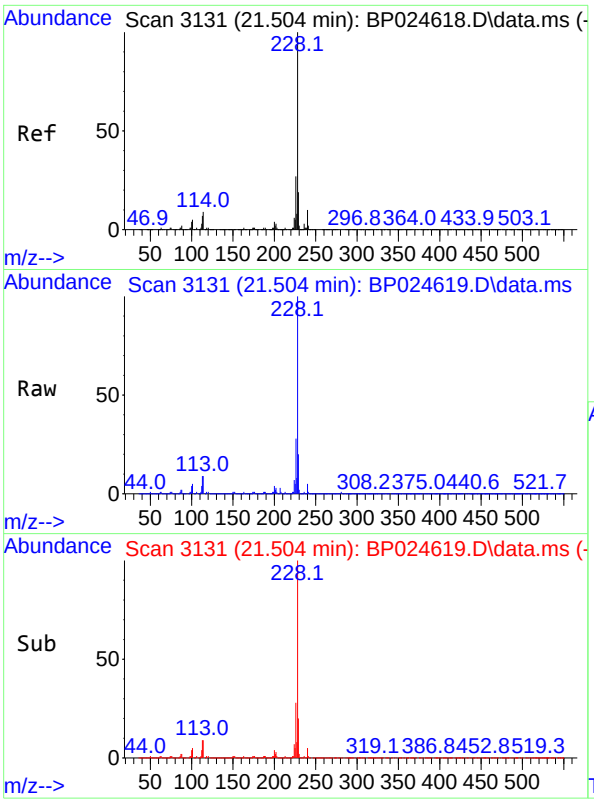


#80
Butylbenzylphthalate
Concen: 56.68 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1083395

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.4	83.0
206	20.8	16.2	24.2



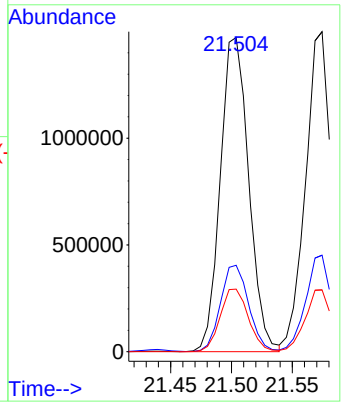


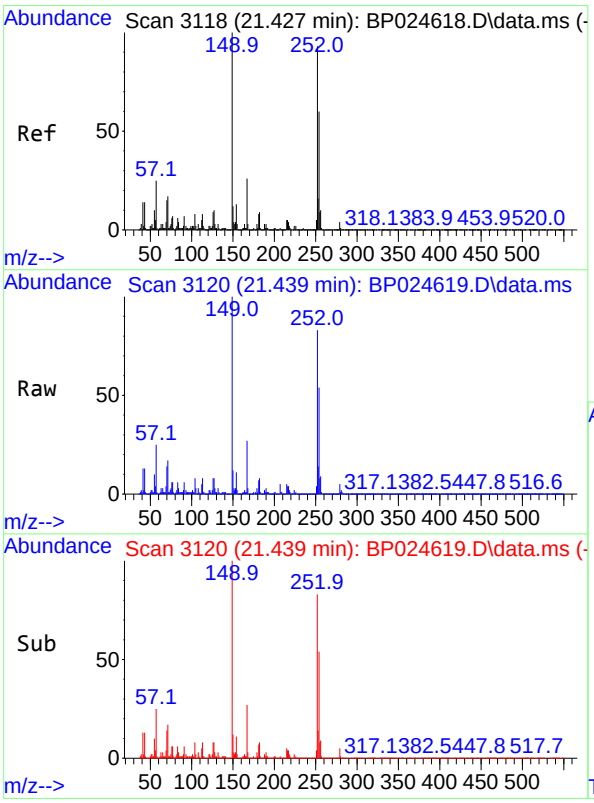
#81
Benzo(a)anthracene
Concen: 53.20 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2396398

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	19.9	15.5	23.3

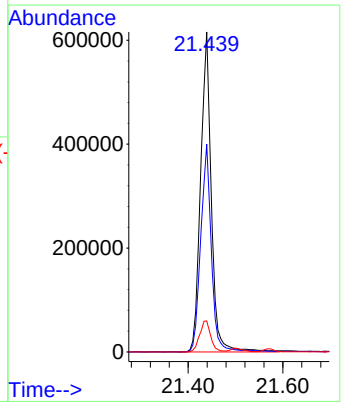


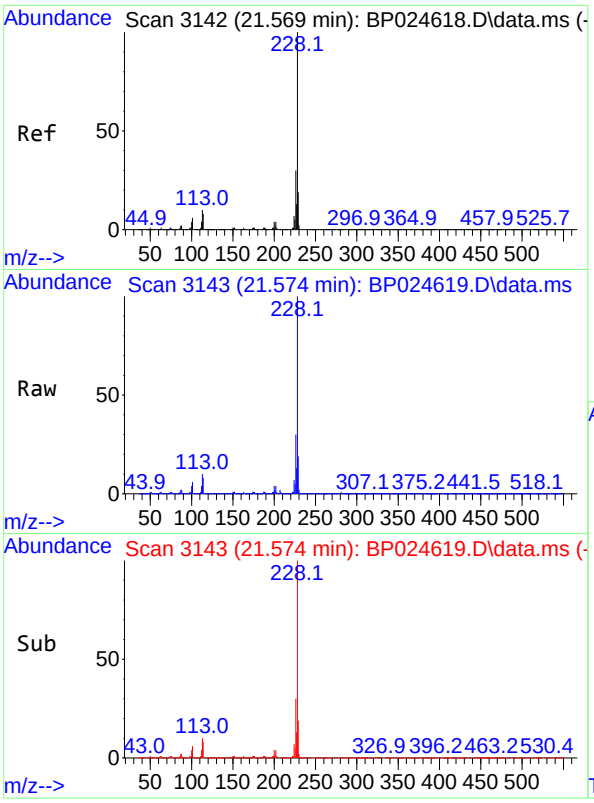


#82
3,3'-Dichlorobenzidine
Concen: 57.80 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 966906

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	9.7	7.7	11.5



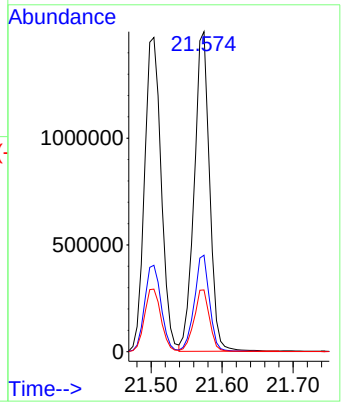


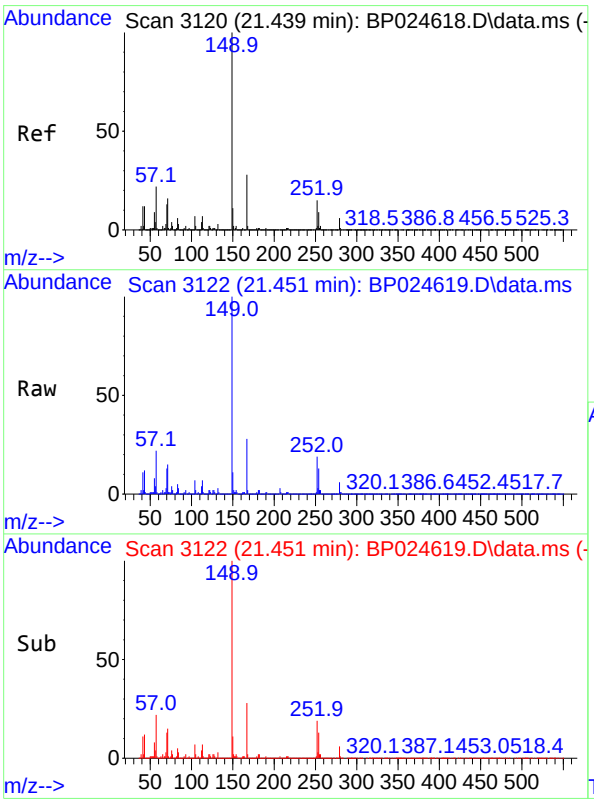
#83
Chrysene
Concen: 52.71 ng
RT: 21.574 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2250800

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.3	15.5	23.3

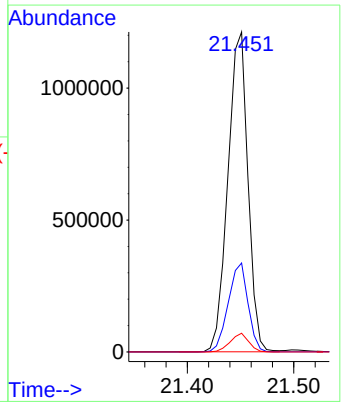


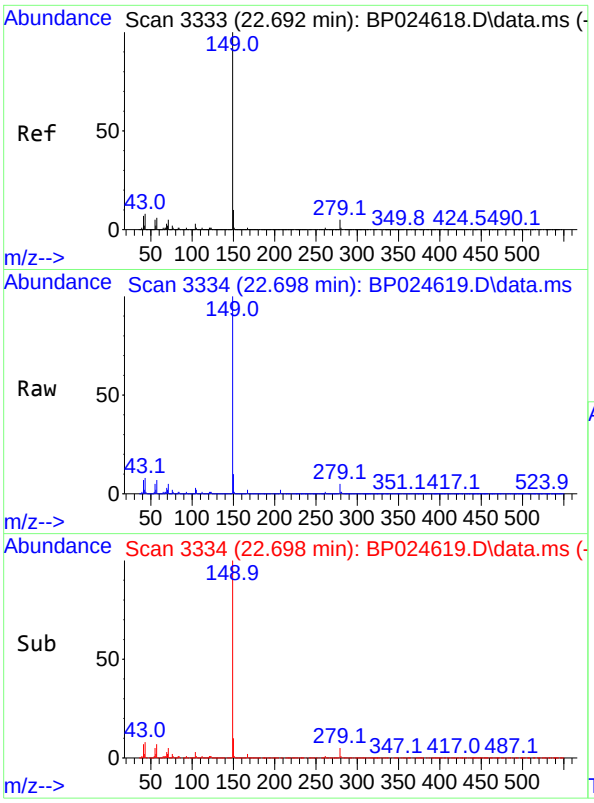


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.42 ng
RT: 21.451 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1585070

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.9	4.6	6.8



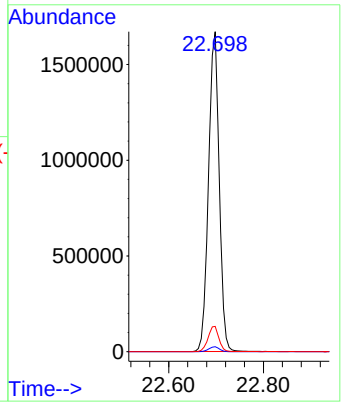


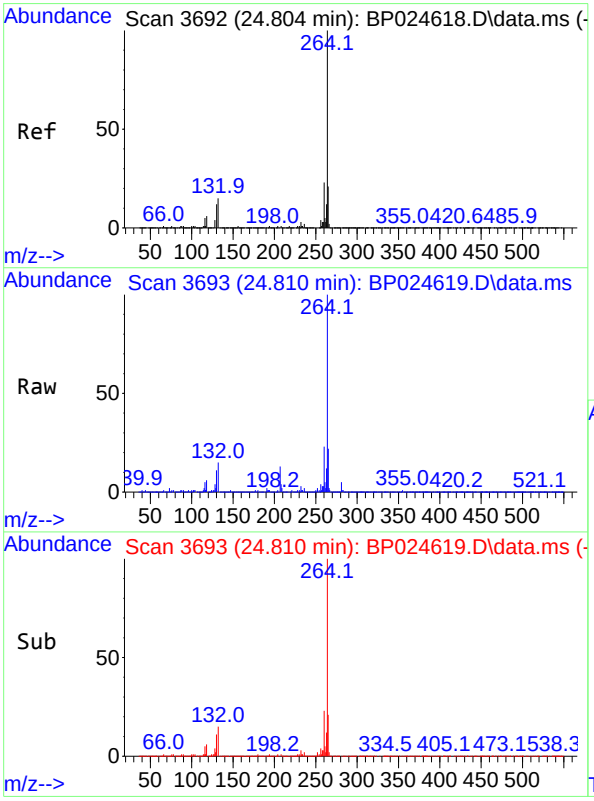
#85
Di-n-octyl phthalate
Concen: 56.91 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 2614856

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.3	9.5

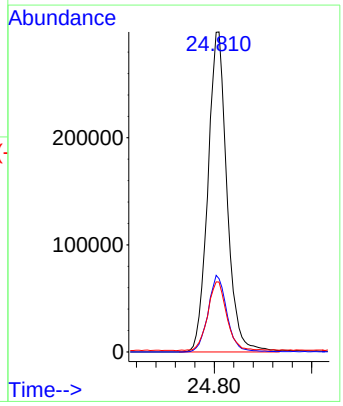


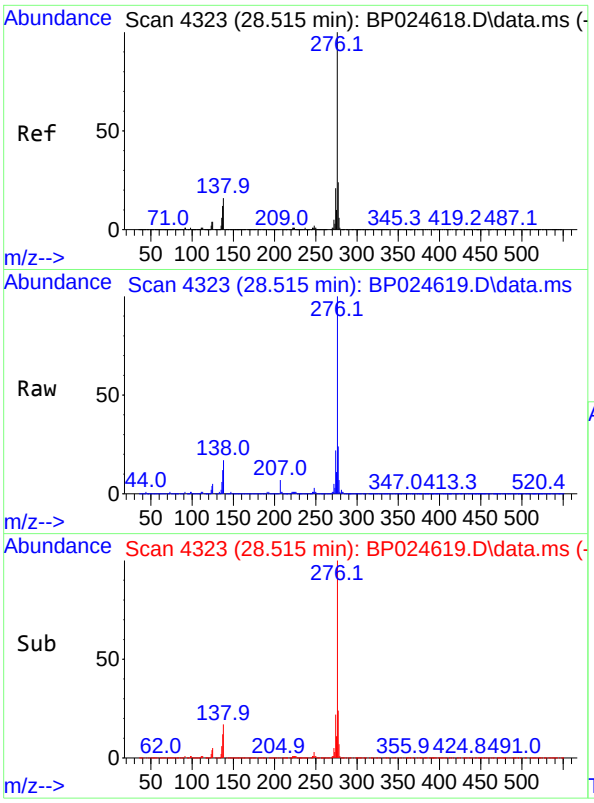


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:264 Resp: 811421

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.9	17.0	25.6



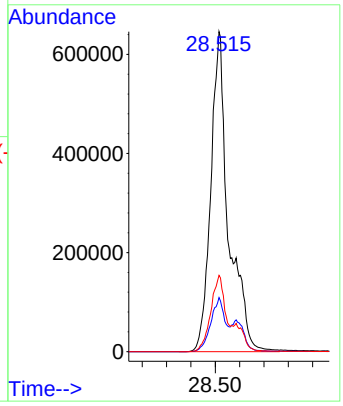


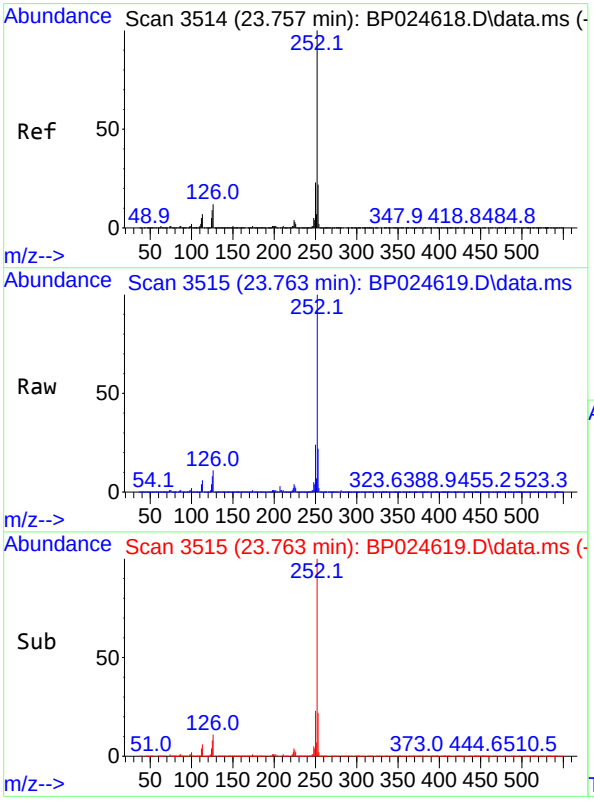
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.06 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 3262830

Ion	Ratio	Lower	Upper
276	100		
138	13.6	11.2	16.8
277	19.3	15.7	23.5

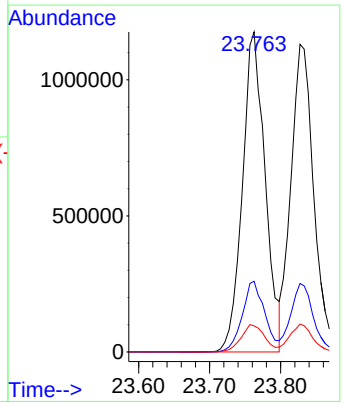


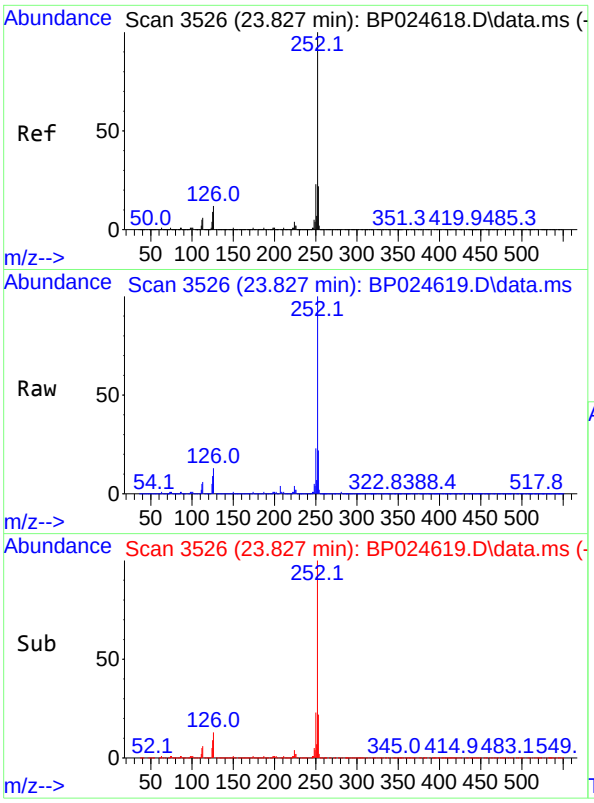


#88
Benzo(b)fluoranthene
Concen: 56.25 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2612438

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.2	7.5	11.3



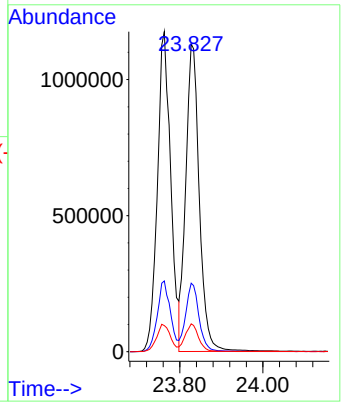


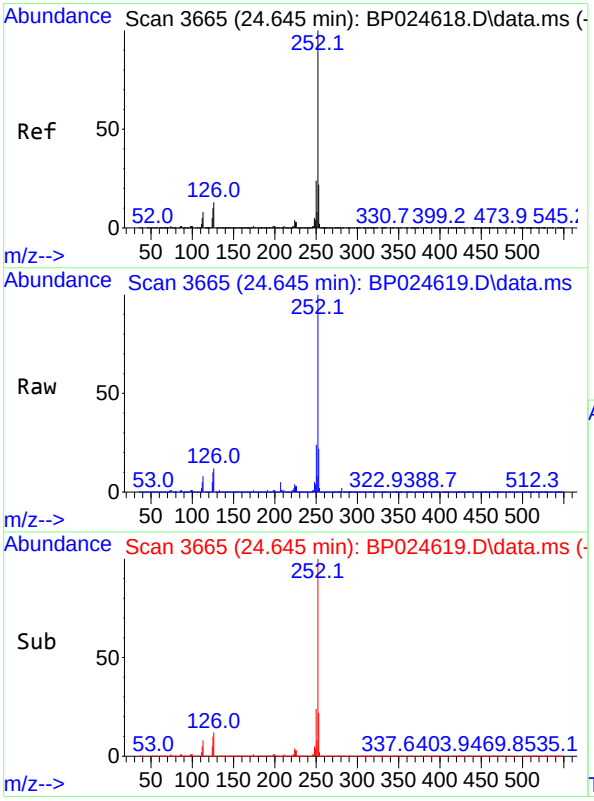
#89
Benzo(k)fluoranthene
Concen: 53.34 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 2552663

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.1	7.0	10.4

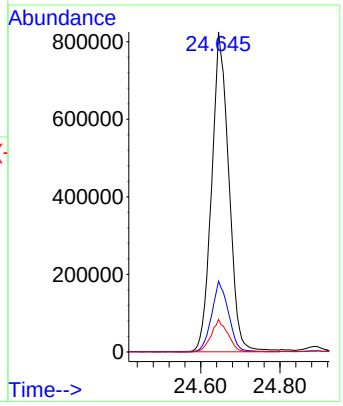


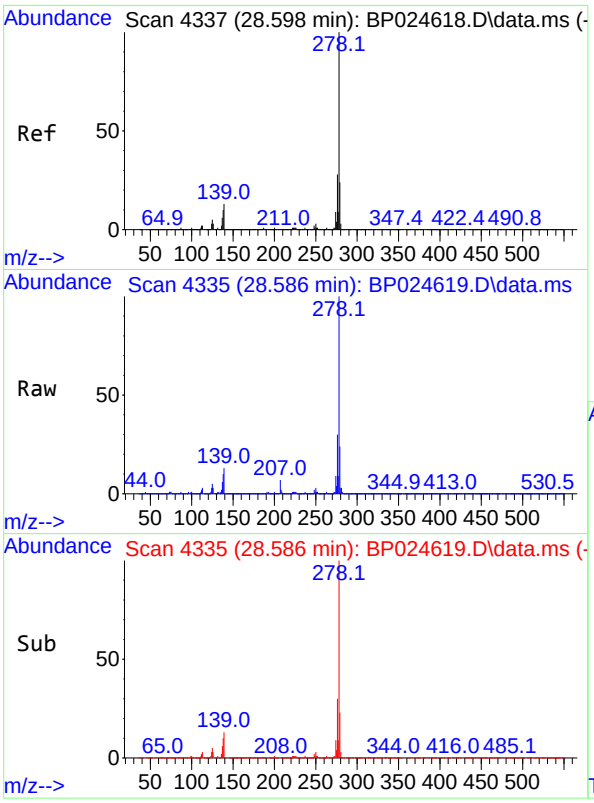


#90
Benzo(a)pyrene
Concen: 55.51 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2475976

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1



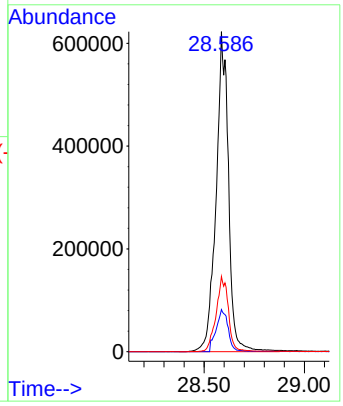


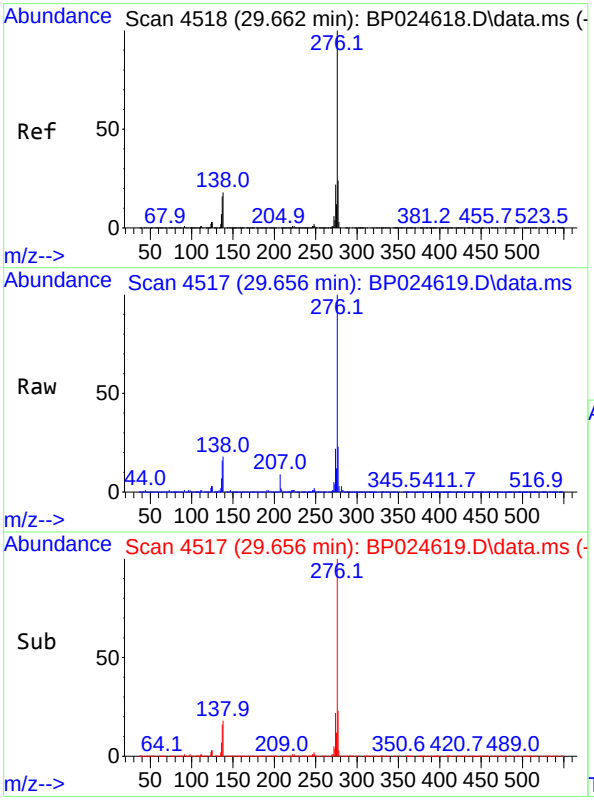
#91
Dibenzo(a,h)anthracene
Concen: 55.60 ng
RT: 28.586 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 2679367

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.2	15.4
279	23.5	19.0	28.4

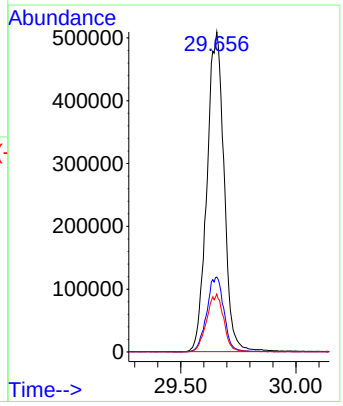




#92
Benzo(g,h,i)perylene
Concen: 54.79 ng
RT: 29.656 min Scan# 4517
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:276 Resp: 2625625

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	18.2	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	106955	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	484921	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	325327	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	646756	20.00	ng		-0.01
76) Chrysene-d12	21.521	240	726281	20.00	ng		0.00
86) Perylene-d12	24.810	264	822943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	784577	125.47	ng		0.00
7) Phenol-d6	6.858	99	1039562	130.26	ng		0.00
23) Nitrobenzene-d5	8.816	82	1188192	123.80	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	696428	126.27	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	2956939	119.08	ng		0.00
79) Terphenyl-d14	19.822	244	5119872	120.88	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	170174	57.95	ng		99
3) Pyridine	3.617	79	419426	64.42	ng		98
4) n-Nitrosodimethylamine	3.528	42	178836	62.22	ng		99
6) Aniline	7.005	93	670773	65.10	ng		100
8) 2-Chlorophenol	7.240	128	459952	64.79	ng		99
9) Benzaldehyde	6.816	77	305987	59.33	ng		98
10) Phenol	6.881	94	535743	65.04	ng		99
11) bis(2-Chloroethyl)ether	7.099	93	416957	61.60	ng		99
12) 1,3-Dichlorobenzene	7.552	146	496139	60.75	ng		99
13) 1,4-Dichlorobenzene	7.699	146	502743	61.20	ng		99
14) 1,2-Dichlorobenzene	8.010	146	490458	61.27	ng		99
15) Benzyl Alcohol	7.910	79	413146	68.12	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	501972	61.93	ng		98
17) 2-Methylphenol	8.110	107	389272	65.89	ng		98
18) Hexachloroethane	8.728	117	191530	60.85	ng		97
19) n-Nitroso-di-n-propyla...	8.463	70	363059	65.76	ng		99
20) 3+4-Methylphenols	8.434	107	543003	67.57	ng		99
22) Acetophenone	8.481	105	744359	61.45	ng	#	98
24) Nitrobenzene	8.857	77	518098	61.34	ng		97
25) Isophorone	9.381	82	1048461	62.98	ng		99
26) 2-Nitrophenol	9.557	139	278764	67.36	ng		99
27) 2,4-Dimethylphenol	9.622	122	462148	63.34	ng		100
28) bis(2-Chloroethoxy)met...	9.851	93	610221	61.35	ng		99
29) 2,4-Dichlorophenol	10.093	162	459806	65.03	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	478505	60.05	ng		97
31) Naphthalene	10.487	128	1508460	60.03	ng		100
32) Benzoic acid	9.799	122	319375	60.53	ng		99
33) 4-Chloroaniline	10.599	127	671888	66.26	ng		99
34) Hexachlorobutadiene	10.769	225	303458	58.79	ng		98
35) Caprolactam	11.404	113	175653	68.70	ng		97
36) 4-Chloro-3-methylphenol	11.740	107	559138	64.84	ng		100
37) 2-Methylnaphthalene	12.098	142	1008171	61.96	ng		99
38) 1-Methylnaphthalene	12.316	142	1066290	61.25	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	566530	59.97	ng		100
41) Hexachlorocyclopentadiene	12.445	237	381621	66.62	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	400552	65.46	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	436361	64.06	ng		99
46) 1,1'-Biphenyl	13.122	154	1437786	59.80	ng		100
47) 2-Chloronaphthalene	13.163	162	1105298	60.29	ng		100
48) 2-Nitroaniline	13.369	65	354977	65.40	ng		98
49) Acenaphthylene	14.016	152	1884018	61.41	ng		100
50) Dimethylphthalate	13.757	163	1498318	60.42	ng		100
51) 2,6-Dinitrotoluene	13.875	165	328682	62.76	ng		99
52) Acenaphthene	14.363	154	1072483	60.80	ng		100
53) 3-Nitroaniline	14.210	138	361174	67.54	ng		99
54) 2,4-Dinitrophenol	14.428	184	196350	61.10	ng		96
55) Dibenzofuran	14.698	168	1691790	60.13	ng		99
56) 4-Nitrophenol	14.545	139	281293	61.78	ng		98
57) 2,4-Dinitrotoluene	14.675	165	471525	63.87	ng		99
58) Fluorene	15.363	166	1376412	60.00	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	396678	62.78	ng		99
60) Diethylphthalate	15.134	149	1525628	60.87	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	692230	60.51	ng		99
62) 4-Nitroaniline	15.404	138	354287	68.05	ng		99
63) Azobenzene	15.657	77	1310800	61.14	ng		97
65) 4,6-Dinitro-2-methylph...	15.457	198	278024	66.55	ng		95
66) n-Nitrosodiphenylamine	15.575	169	1205525	60.68	ng		100
67) 4-Bromophenyl-phenylether	16.269	248	469127	61.56	ng		99
68) Hexachlorobenzene	16.386	284	590615	60.99	ng		99
69) Atrazine	16.557	200	460742	63.29	ng		98
70) Pentachlorophenol	16.739	266	371465	68.29	ng		99
71) Phenanthrene	17.133	178	2183329	60.73	ng		100
72) Anthracene	17.233	178	2210412	61.11	ng		99
73) Carbazole	17.510	167	2042777	62.39	ng		100
74) Di-n-butylphthalate	18.098	149	2644959	62.81	ng		99
75) Fluoranthene	19.222	202	2594532	61.73	ng		100
77) Benzidine	19.422	184	1304259	65.42	ng		99
78) Pyrene	19.598	202	2661811	61.17	ng		100
80) Butylbenzylphthalate	20.551	149	1243403	64.25	ng		100
81) Benzo(a)anthracene	21.504	228	2778689	60.93	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	1114122	65.77	ng		100
83) Chrysene	21.574	228	2588513	59.88	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1822019	64.05	ng		99
85) Di-n-octyl phthalate	22.692	149	2998832	64.47	ng		100
87) Indeno(1,2,3-cd)pyrene	28.533	276	3824922	63.64	ng	#	92
88) Benzo(b)fluoranthene	23.768	252	2922103	62.04	ng		99
89) Benzo(k)fluoranthene	23.845	252	3055252	62.95	ng		100
90) Benzo(a)pyrene	24.657	252	2881508	63.69	ng		100
91) Dibenzo(a,h)anthracene	28.603	278	3137905	64.20	ng		99
92) Benzo(g,h,i)perylene	29.692	276	3065416	63.07	ng		100

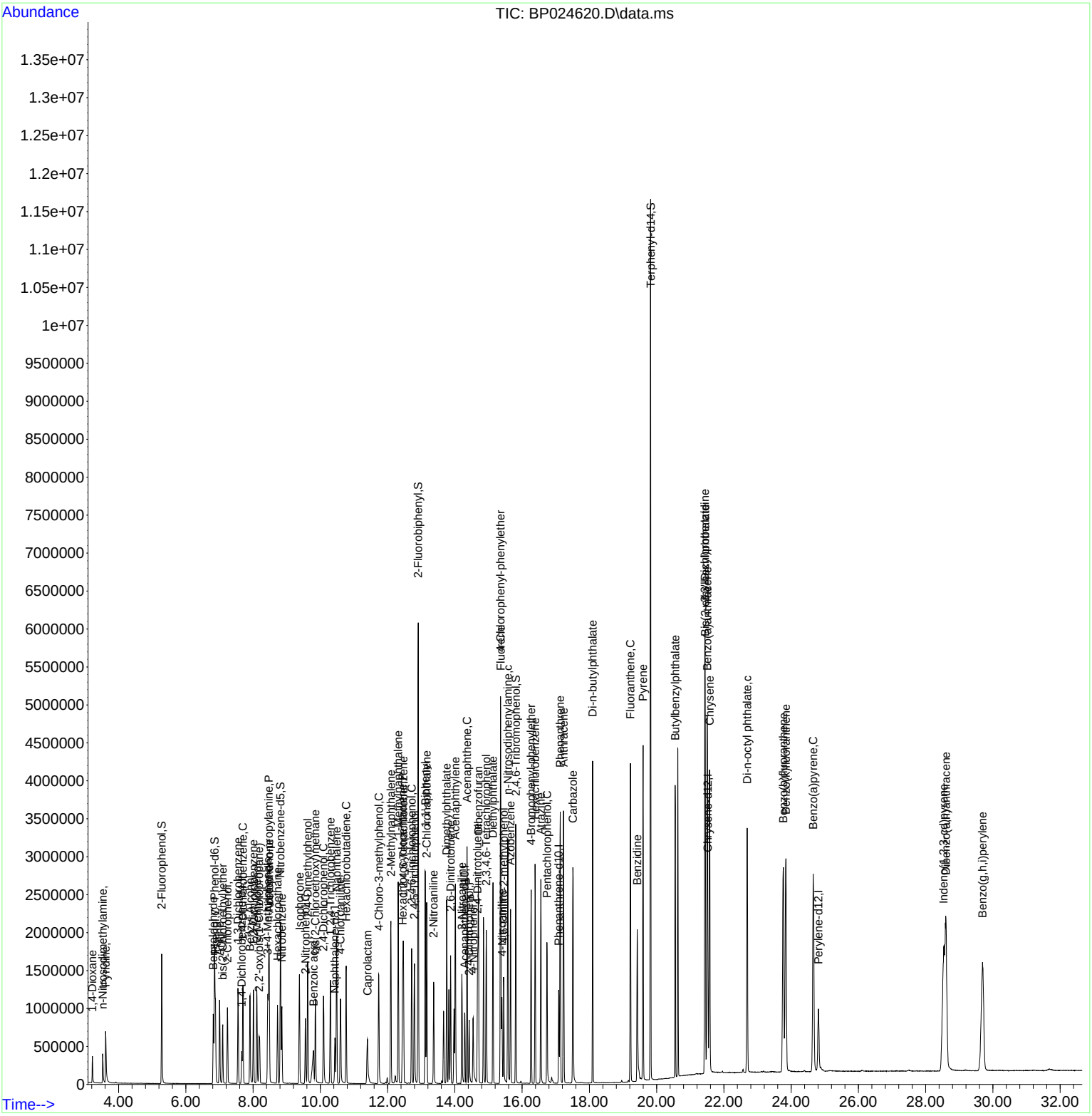
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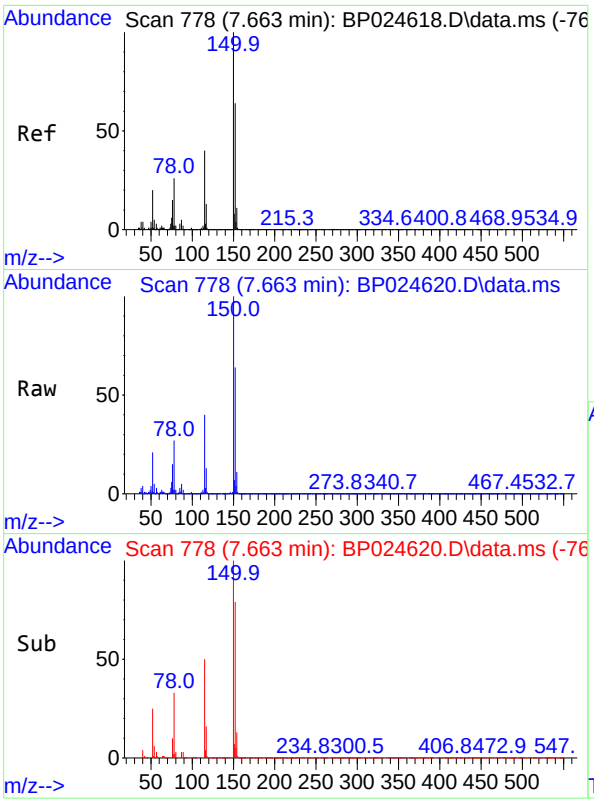
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



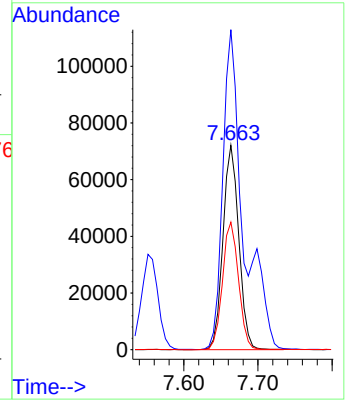


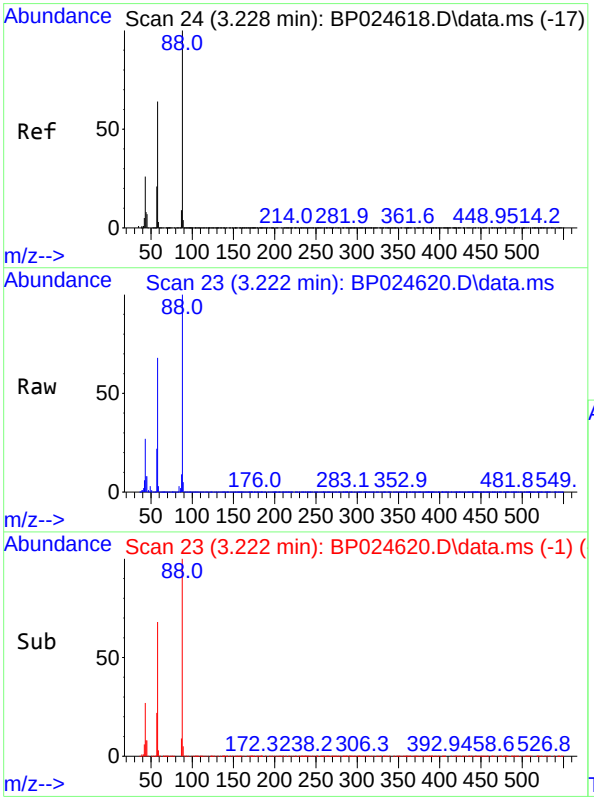
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 106955

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	62.4	50.1	75.1

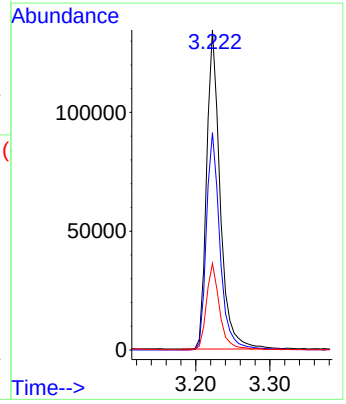


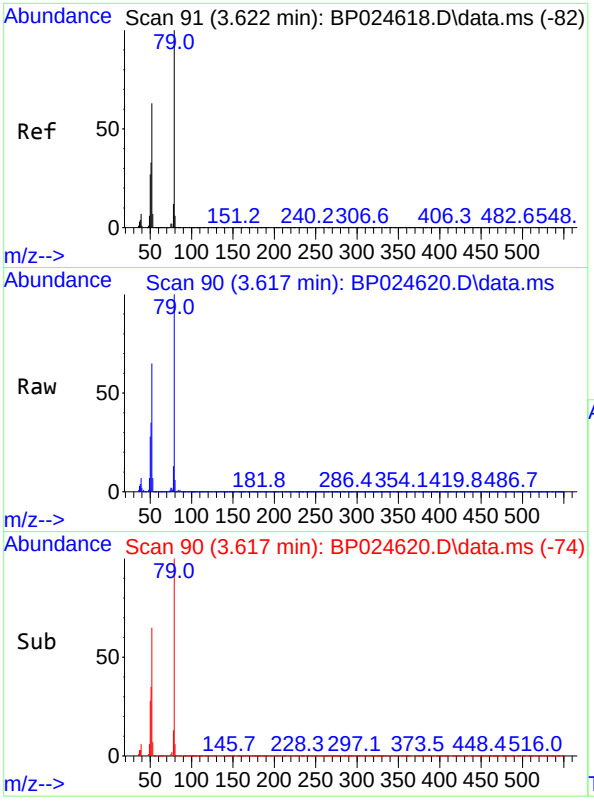


#2
1,4-Dioxane
Concen: 57.95 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 88 Resp: 170174

Ion	Ratio	Lower	Upper
88	100		
58	68.9	54.0	81.0
43	26.5	21.4	32.0



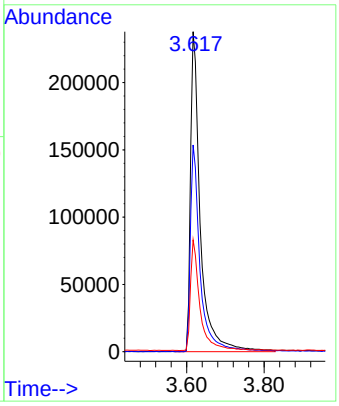


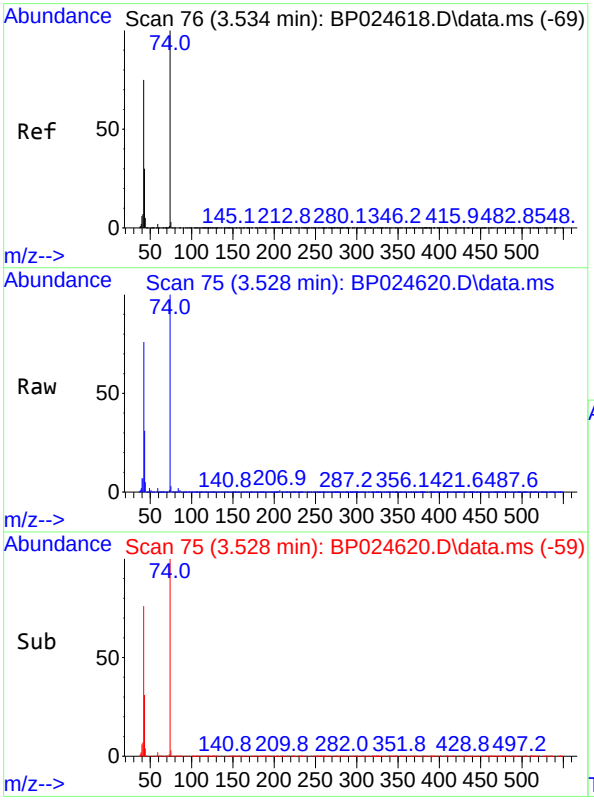
#3
Pyridine
Concen: 64.42 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 419426

Ion	Ratio	Lower	Upper
79	100		
52	64.6	50.2	75.2
51	34.9	26.8	40.2

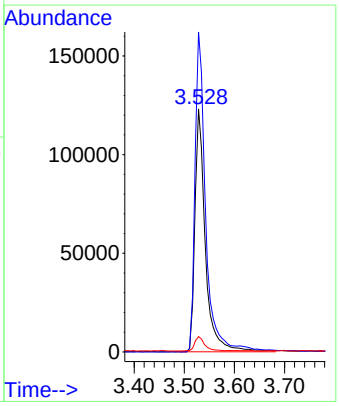


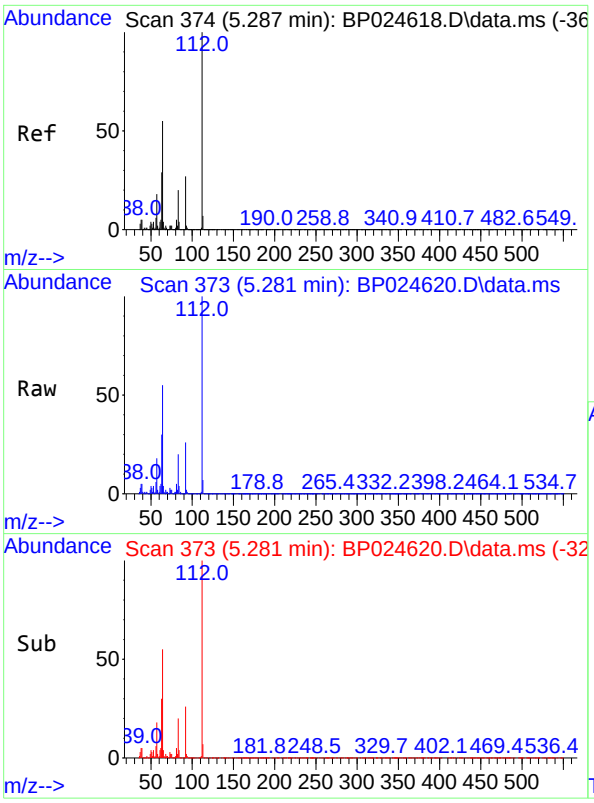


#4
n-Nitrosodimethylamine
Concen: 62.22 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 42 Resp: 178836

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	6.3	5.4	8.2



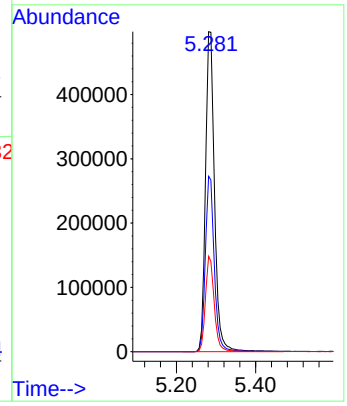


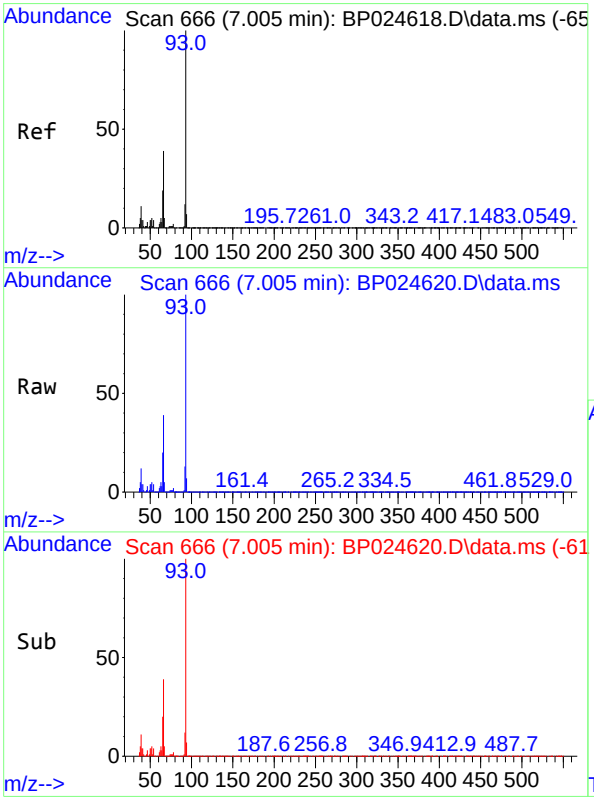
#5
2-Fluorophenol
Concen: 125.47 ng
RT: 5.281 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 784577

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	29.8	23.5	35.3

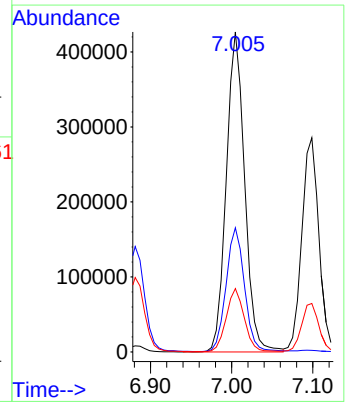


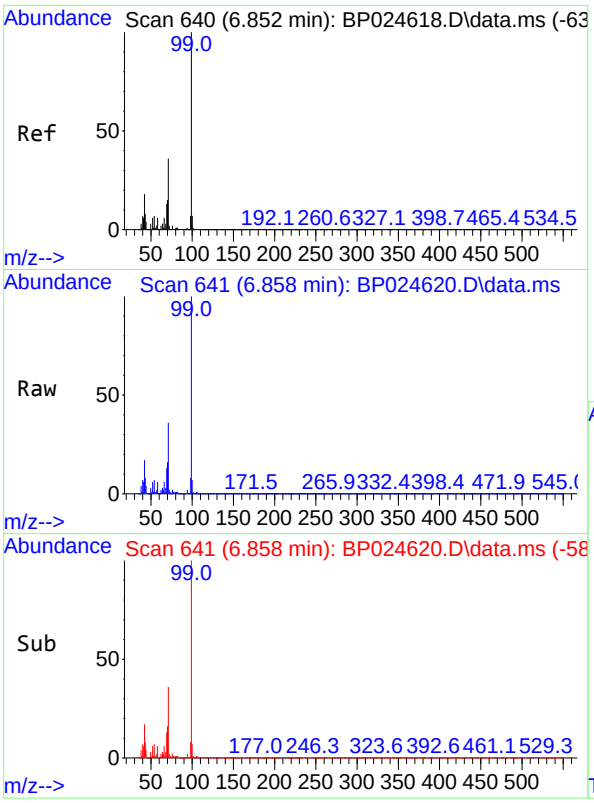


#6
Aniline
Concen: 65.10 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 93 Resp: 670773

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.8	15.5	23.3



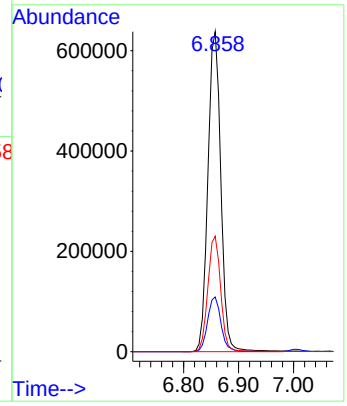


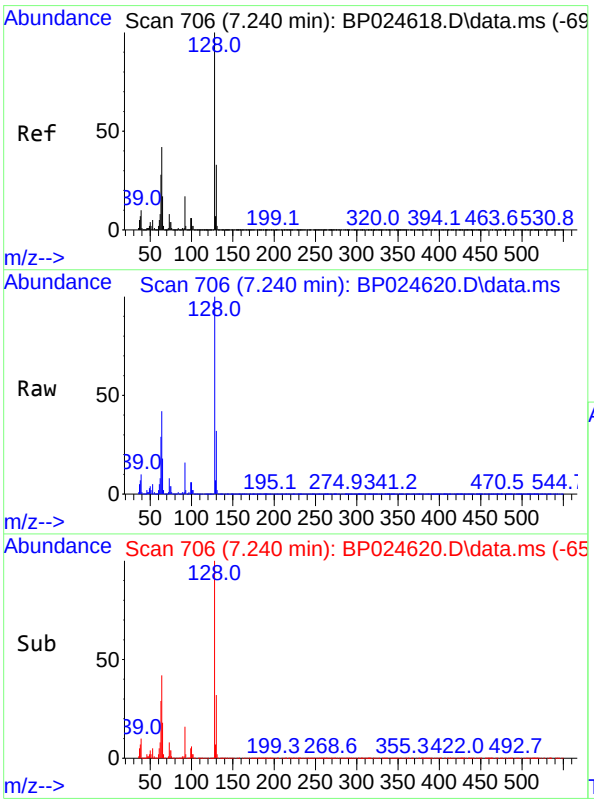
#7
Phenol-d6
Concen: 130.26 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1039562

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	36.1	29.2	43.8

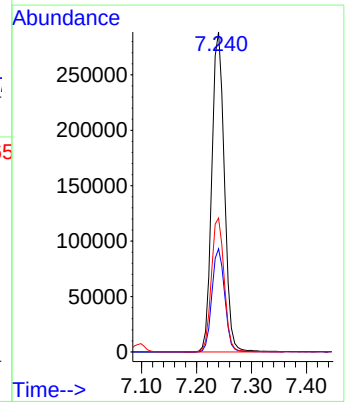


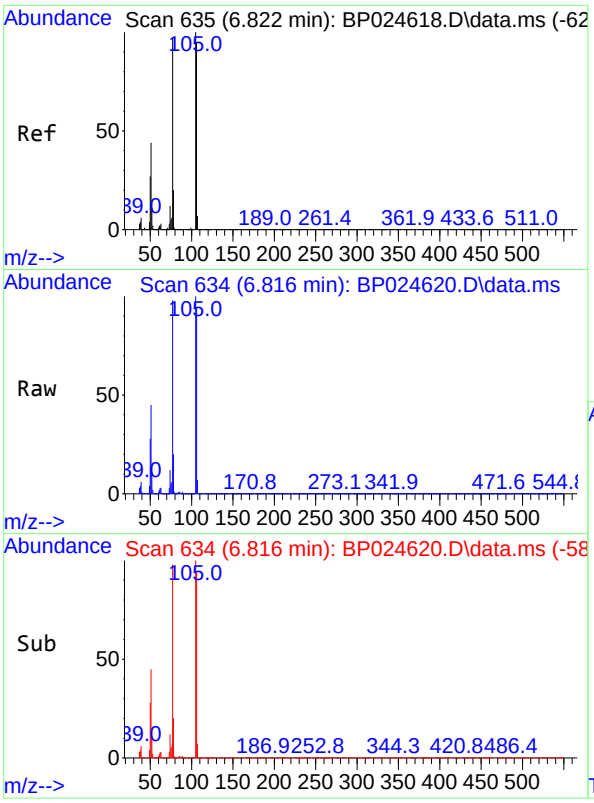


#8
2-Chlorophenol
Concen: 64.79 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:128 Resp: 459952

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	41.9	22.3	62.3



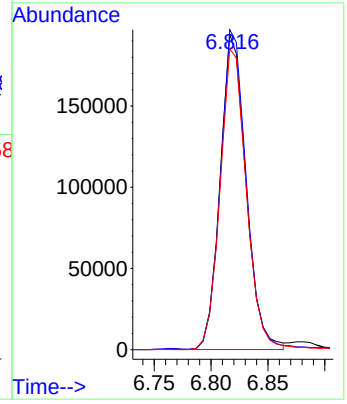


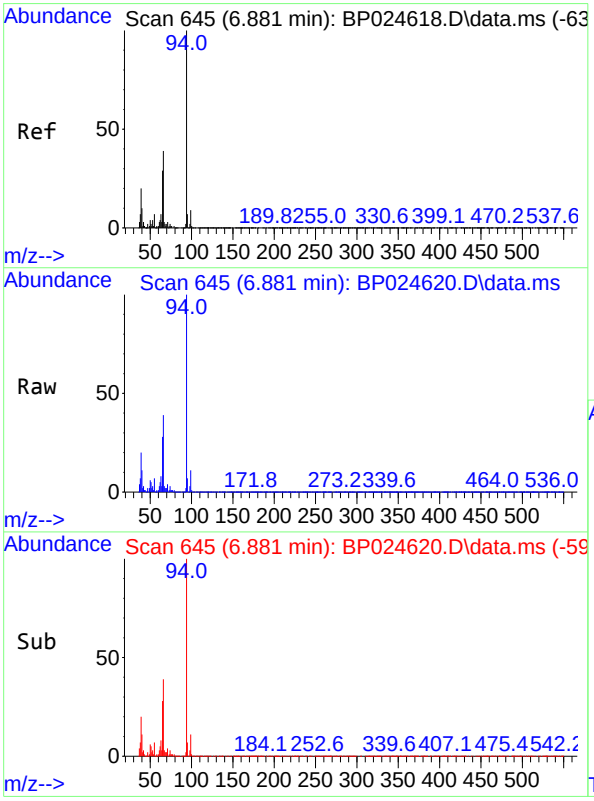
#9
Benzaldehyde
Concen: 59.33 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 305987

Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.3	123.3
106	95.5	78.0	118.0

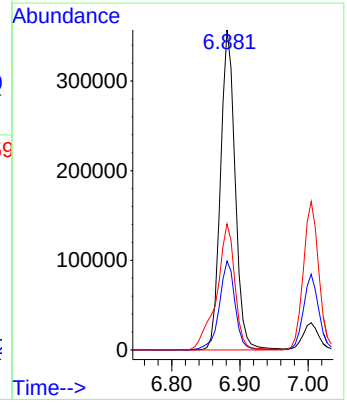


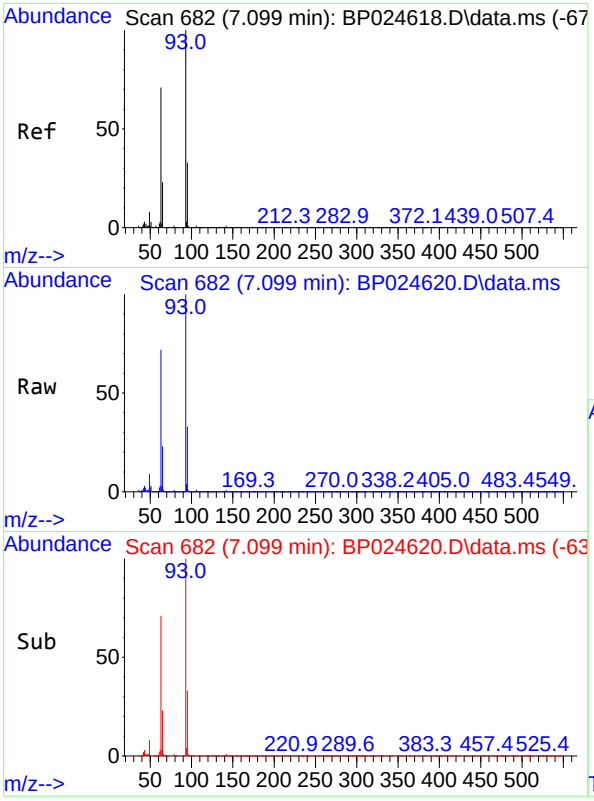


#10
Phenol
Concen: 65.04 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 94 Resp: 535743

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.7	48.7
66	39.4	19.4	59.4



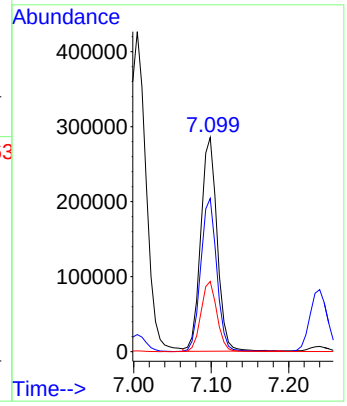


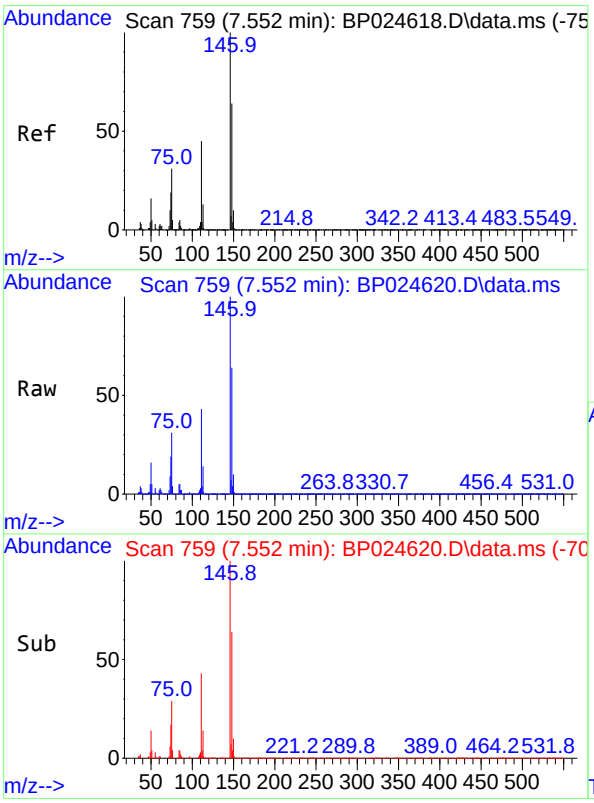
#11
bis(2-Chloroethyl)ether
Concen: 61.60 ng
RT: 7.099 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 416957

Ion	Ratio	Lower	Upper
93	100		
63	71.6	50.6	90.6
95	32.8	12.9	52.9

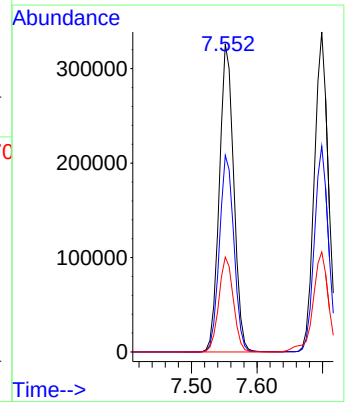


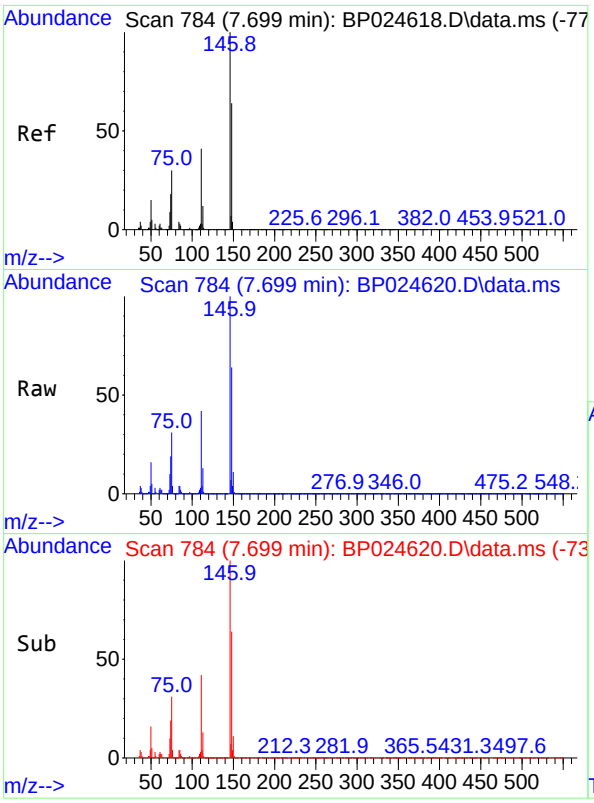


#12
1,3-Dichlorobenzene
Concen: 60.75 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:146 Resp: 496139

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	30.8	25.2	37.8



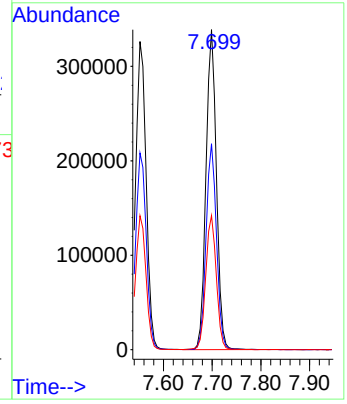


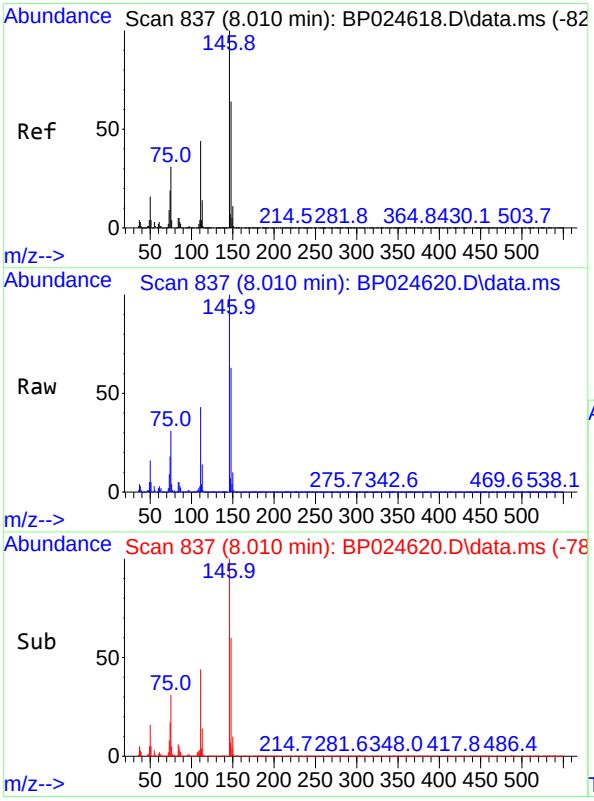
#13
1,4-Dichlorobenzene
Concen: 61.20 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 502743

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	41.9	33.0	49.6

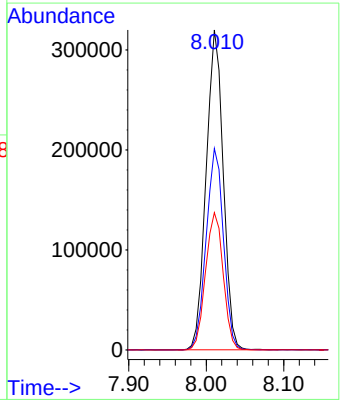


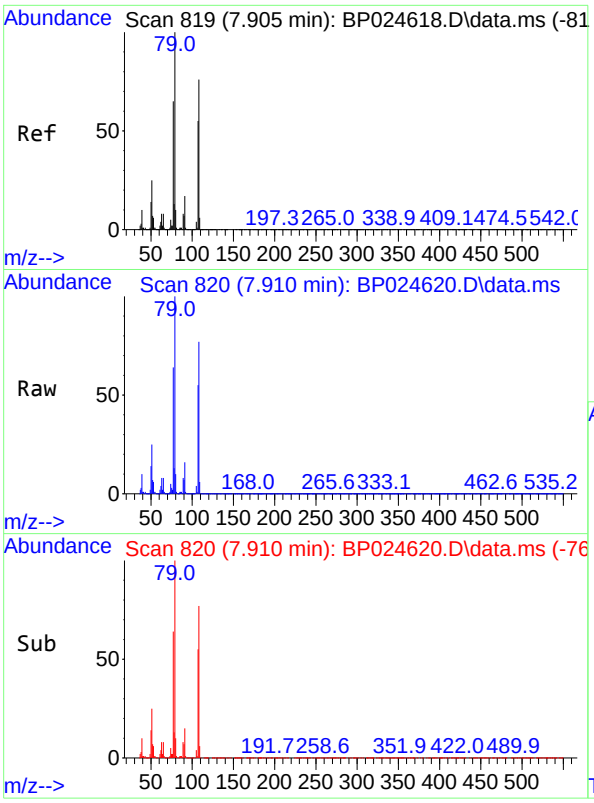


#14
1,2-Dichlorobenzene
Concen: 61.27 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:146 Resp: 490458

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
111	42.9	35.2	52.8



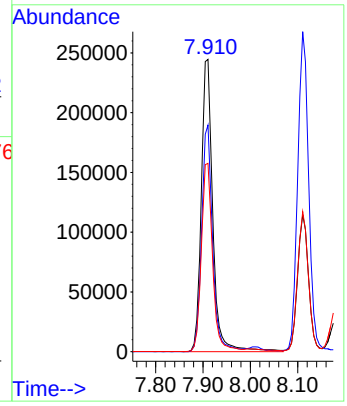


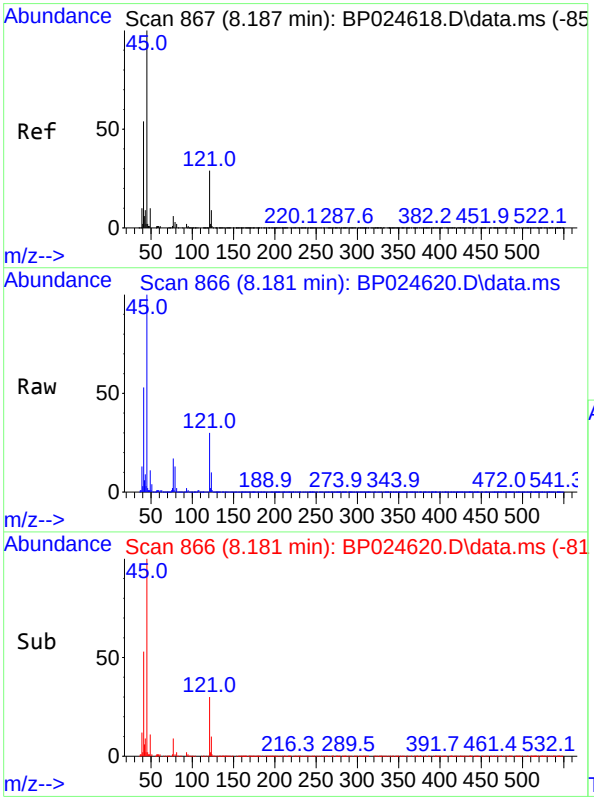
#15
Benzyl Alcohol
Concen: 68.12 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 413146

Ion	Ratio	Lower	Upper
79	100		
108	77.5	60.8	91.2
77	64.4	51.9	77.9

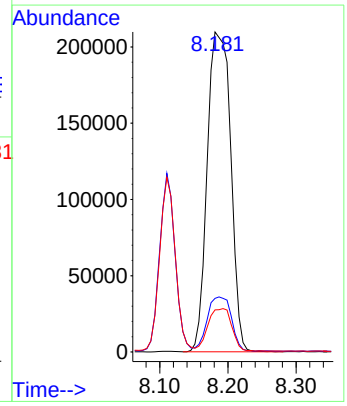


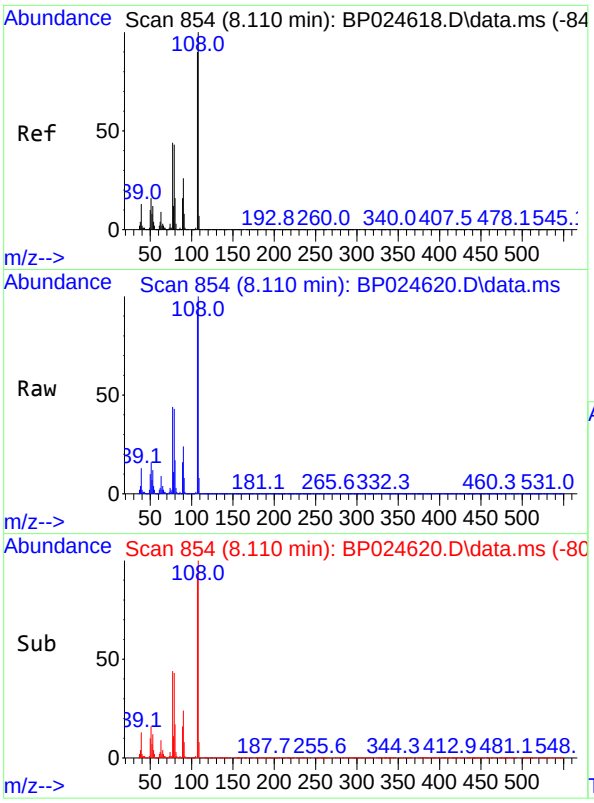


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.93 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 45 Resp: 501972

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	37.7
79	13.1	0.0	34.0



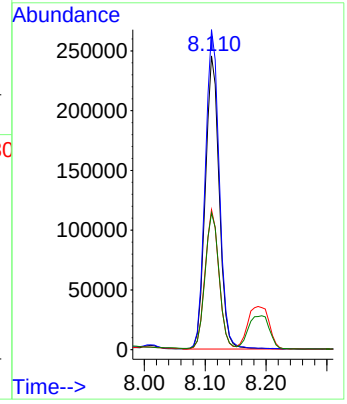


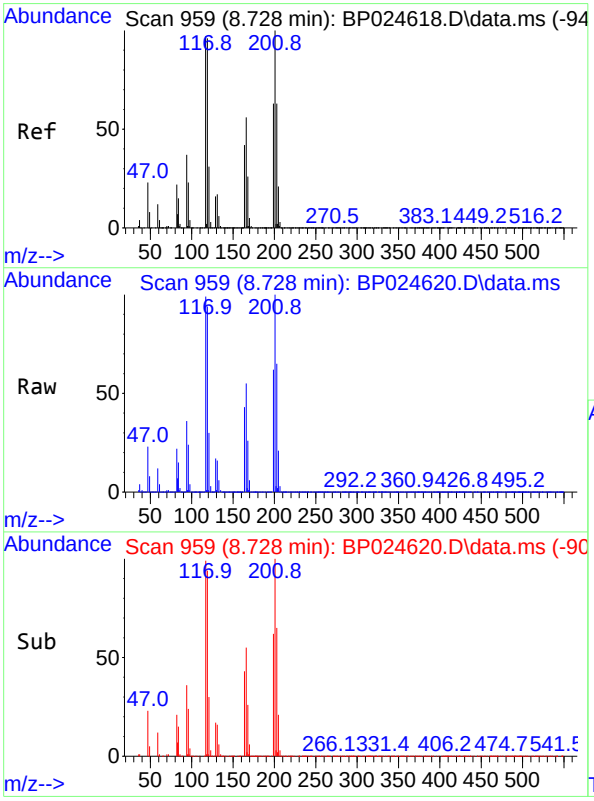
#17
2-Methylphenol
Concen: 65.89 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 389272

Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.9	133.3
77	47.6	39.0	58.6
79	46.6	38.4	57.6

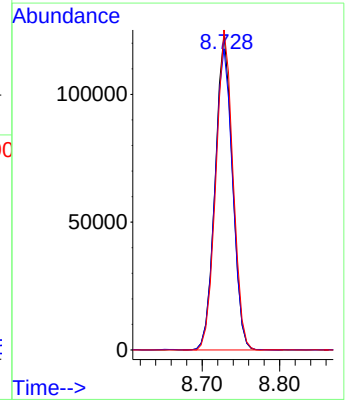


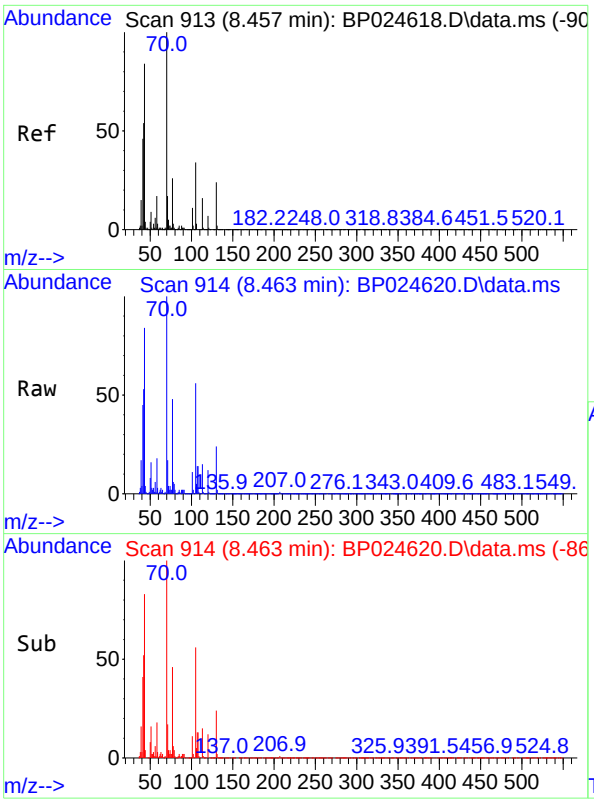


#18
Hexachloroethane
Concen: 60.85 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:117 Resp: 191530

Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.0
201	101.2	82.7	124.1



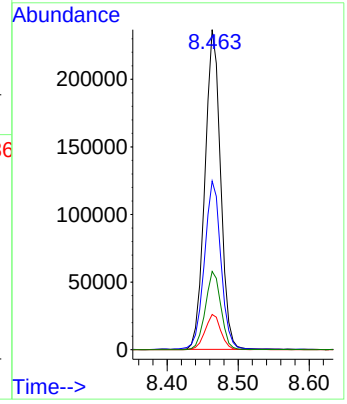


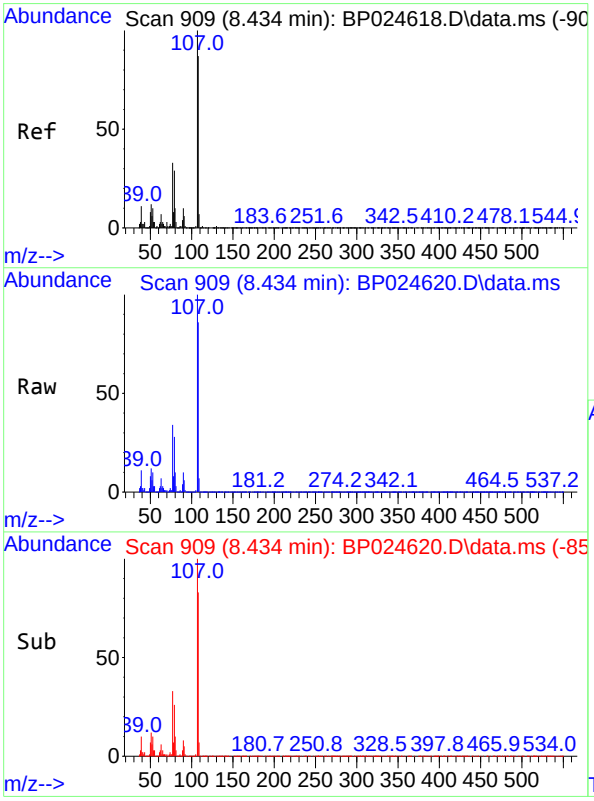
#19
n-Nitroso-di-n-propylamine
Concen: 65.76 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 363059

Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.0	64.6
101	11.0	8.7	13.1
130	24.4	19.4	29.0

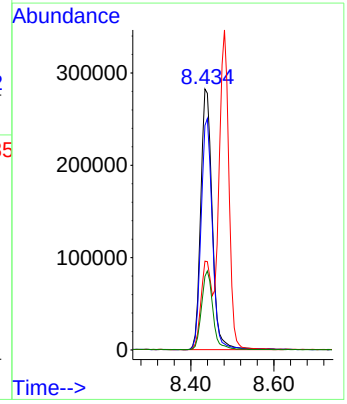


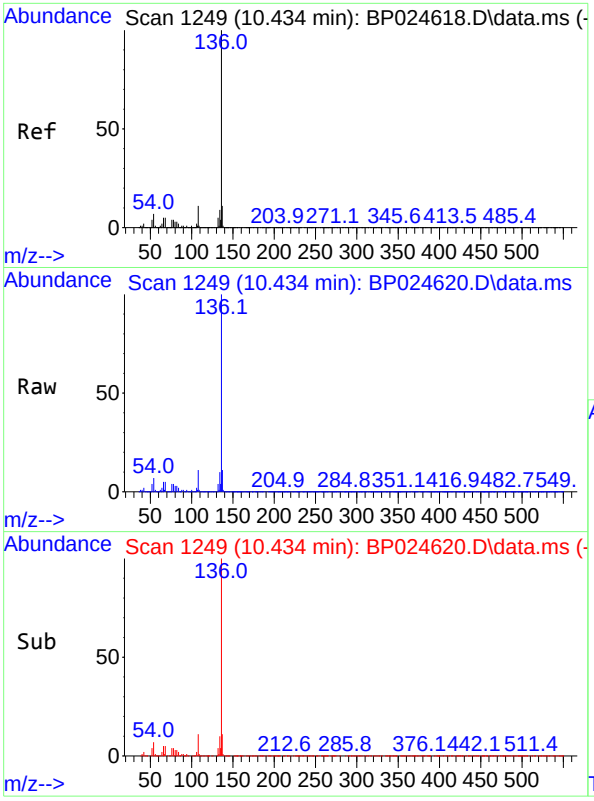


#20
3+4-Methylphenols
Concen: 67.57 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 543003

Ion	Ratio	Lower	Upper
107	100		
108	86.0	66.7	106.7
77	34.0	13.1	53.1
79	28.2	8.9	48.9



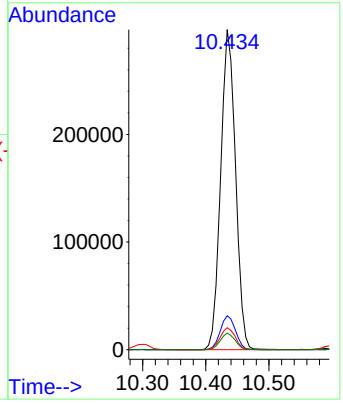


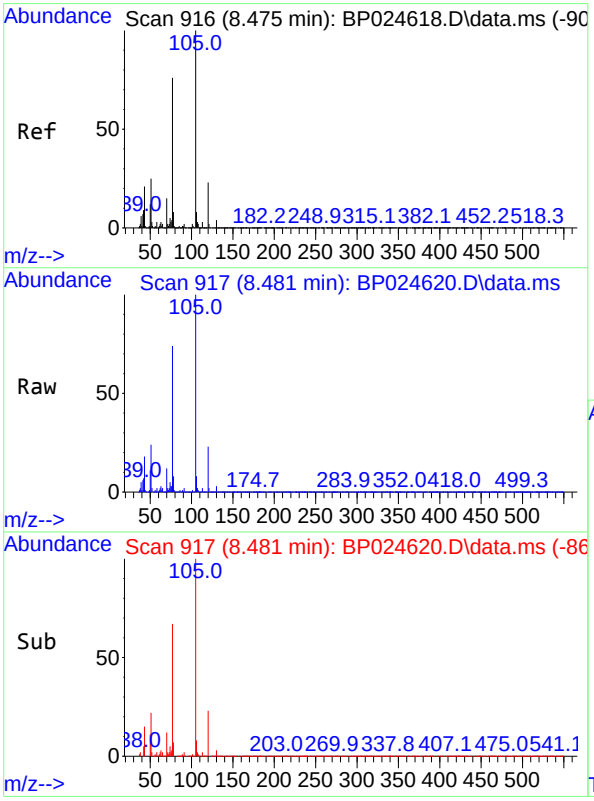
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 484921

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	5.2	4.2	6.2

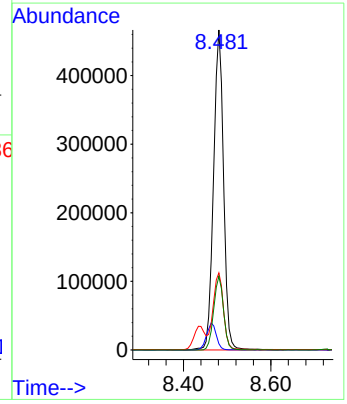


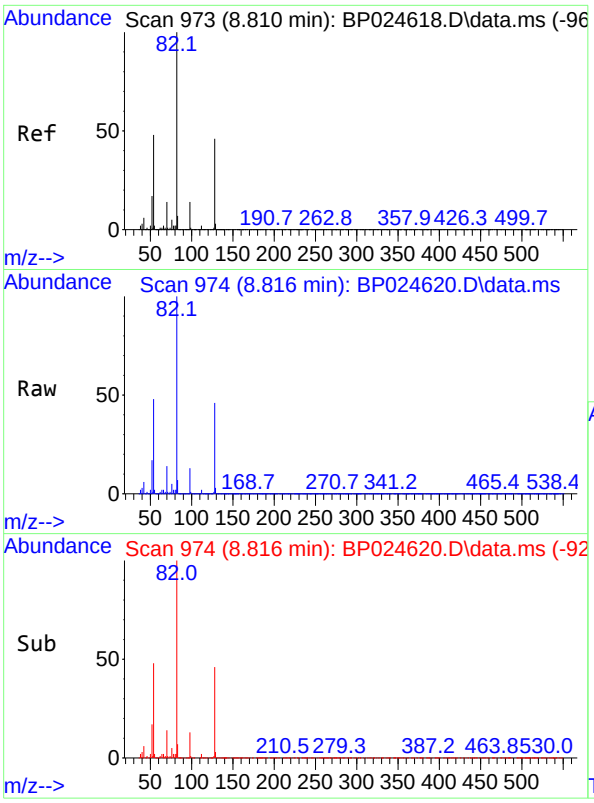


#22
Acetophenone
Concen: 61.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:105 Resp: 744359

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	24.1	20.4	30.6
120	23.0	18.1	27.1



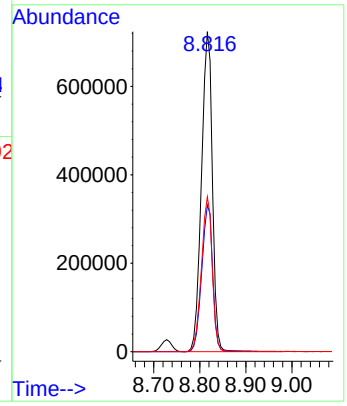


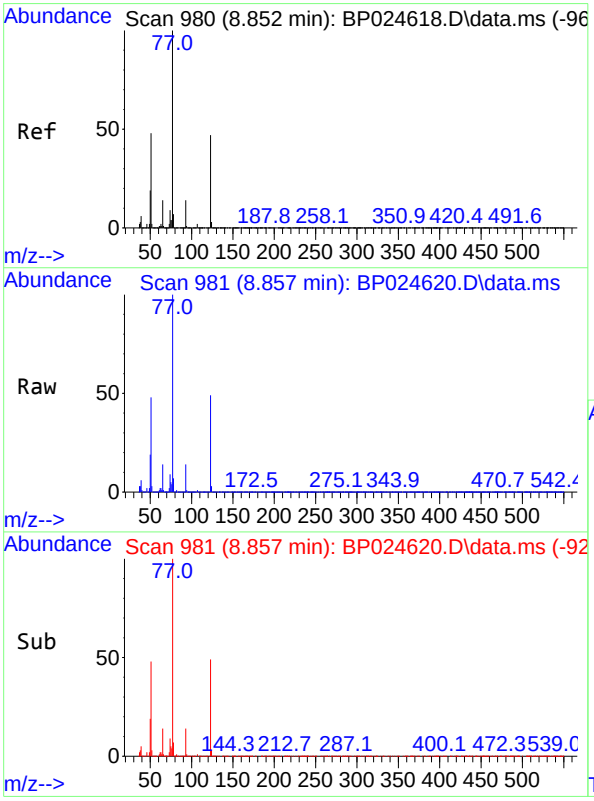
#23
Nitrobenzene-d5
Concen: 123.80 ng
RT: 8.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1188192

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	48.4	38.7	58.1

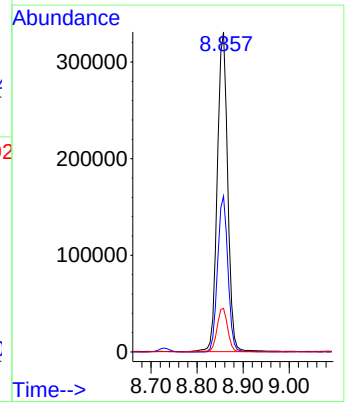


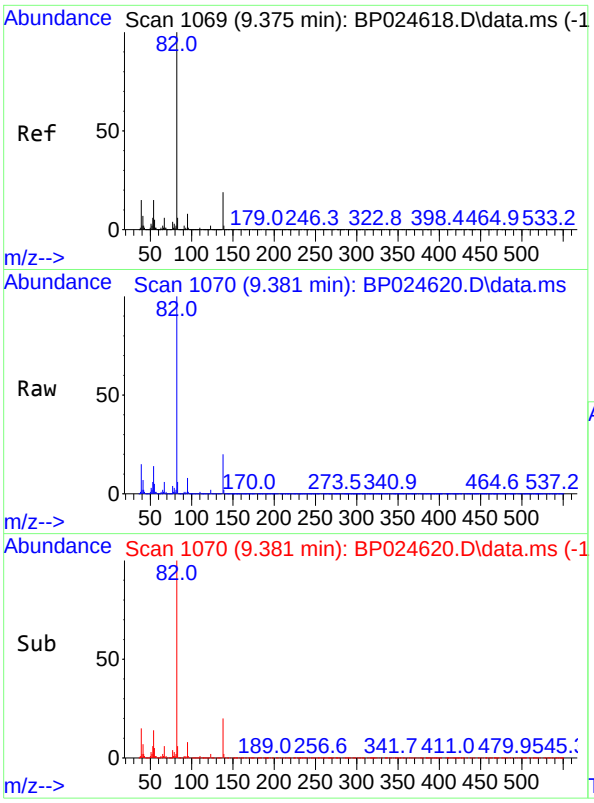


#24
Nitrobenzene
Concen: 61.34 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 77 Resp: 518098

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.4	56.0
65	13.7	11.3	16.9



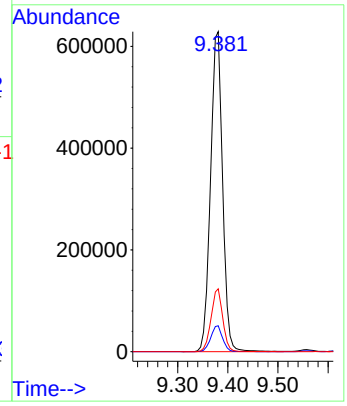


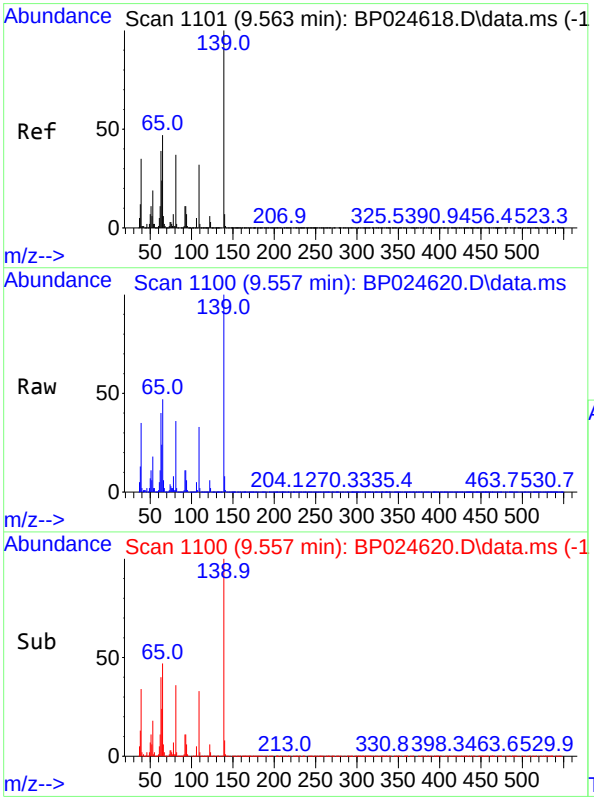
#25
Isophorone
Concen: 62.98 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1048461

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.3	9.5
138	19.7	15.3	22.9

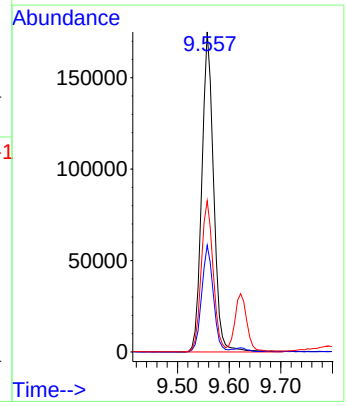


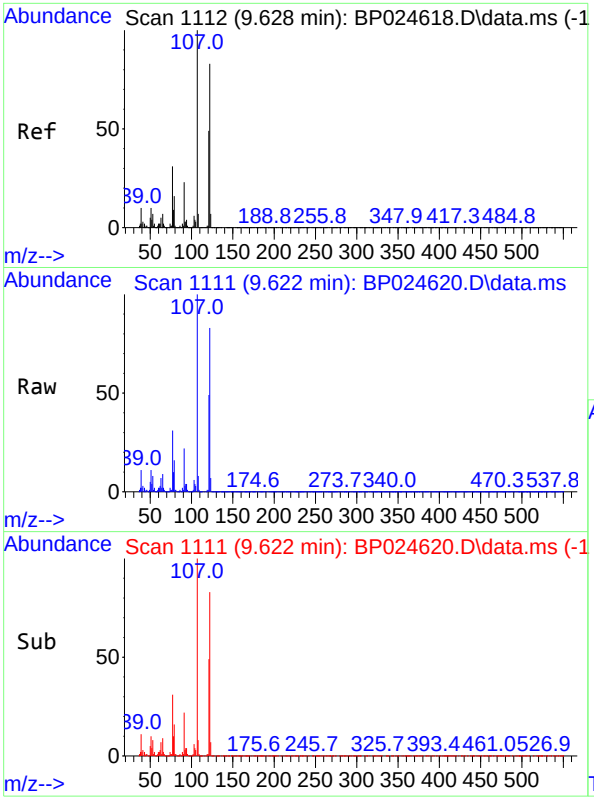


#26
2-Nitrophenol
Concen: 67.36 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 278764

Ion	Ratio	Lower	Upper
139	100		
109	33.4	25.9	38.9
65	47.3	37.9	56.9



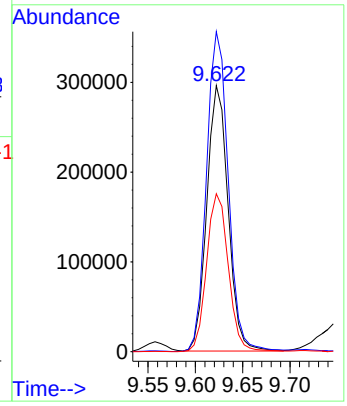


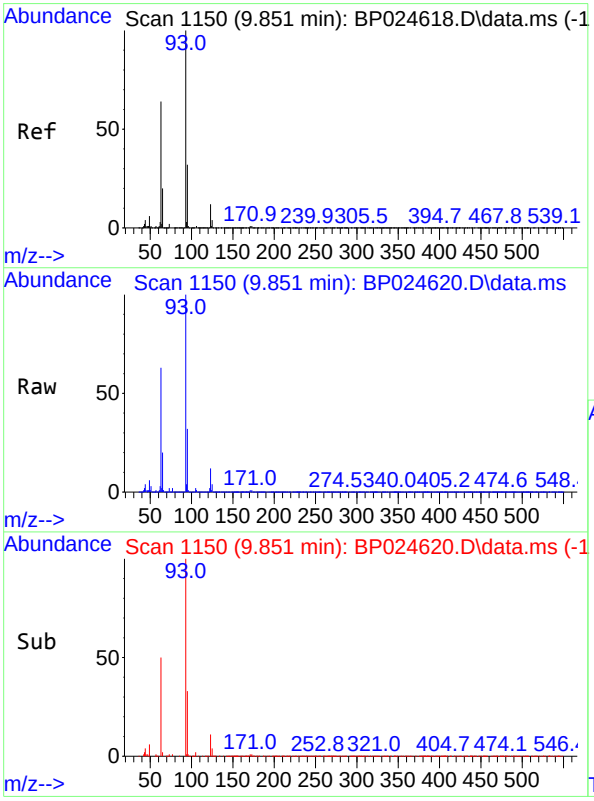
#27
2,4-Dimethylphenol
Concen: 63.34 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 462148

Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.3	47.6	71.4

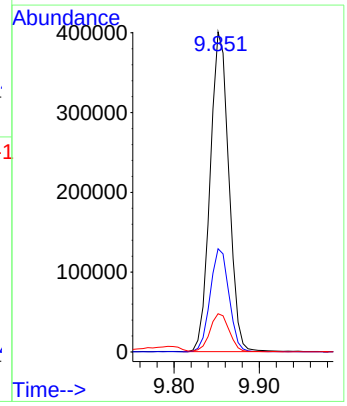


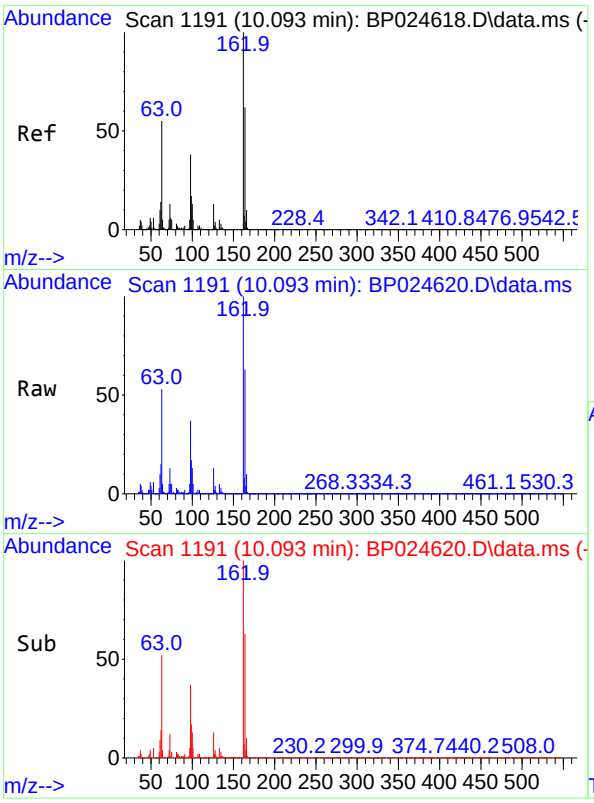


#28
bis(2-Chloroethoxy)methane
Concen: 61.35 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 93 Resp: 610221

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	11.9	9.7	14.5



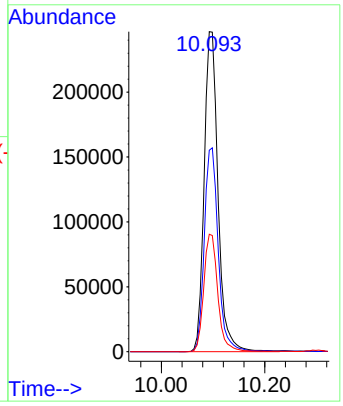


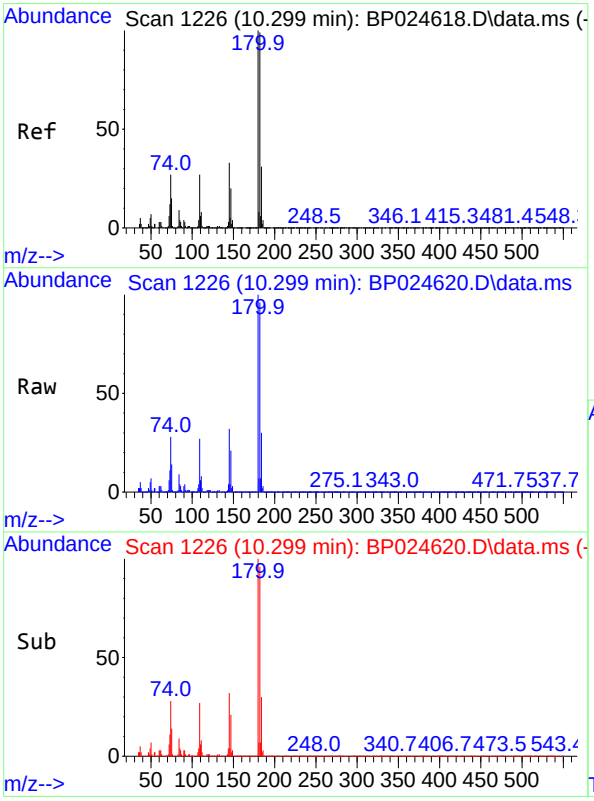
#29
2,4-Dichlorophenol
Concen: 65.03 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 459806

Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.3	82.3
98	36.7	18.4	58.4

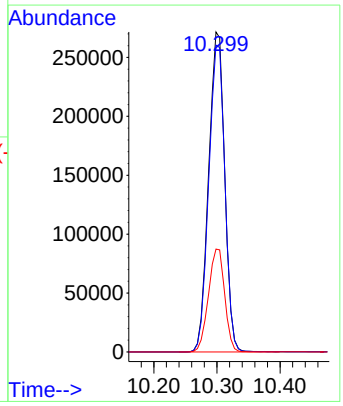


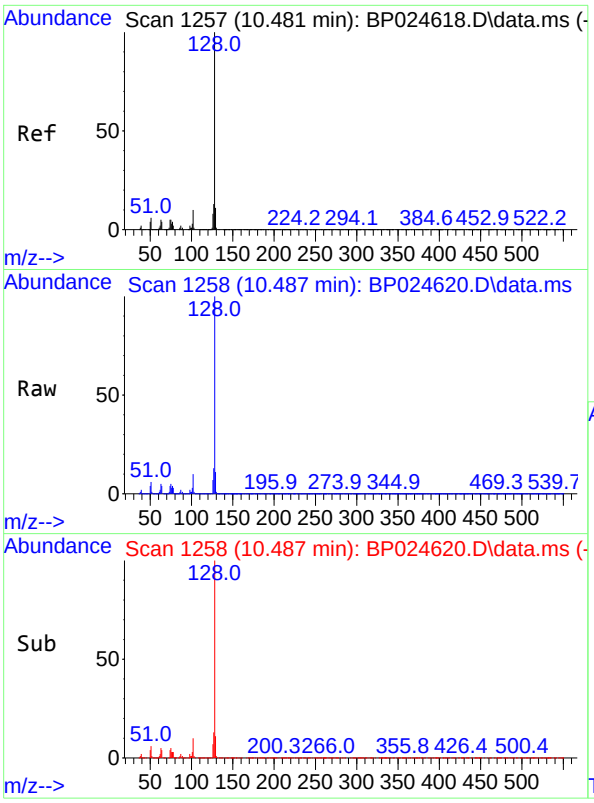


#30
1,2,4-Trichlorobenzene
Concen: 60.05 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:180 Resp: 478505

Ion	Ratio	Lower	Upper
180	100		
182	95.9	79.0	118.4
145	32.2	26.6	39.8



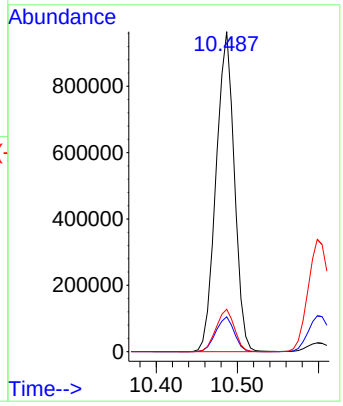


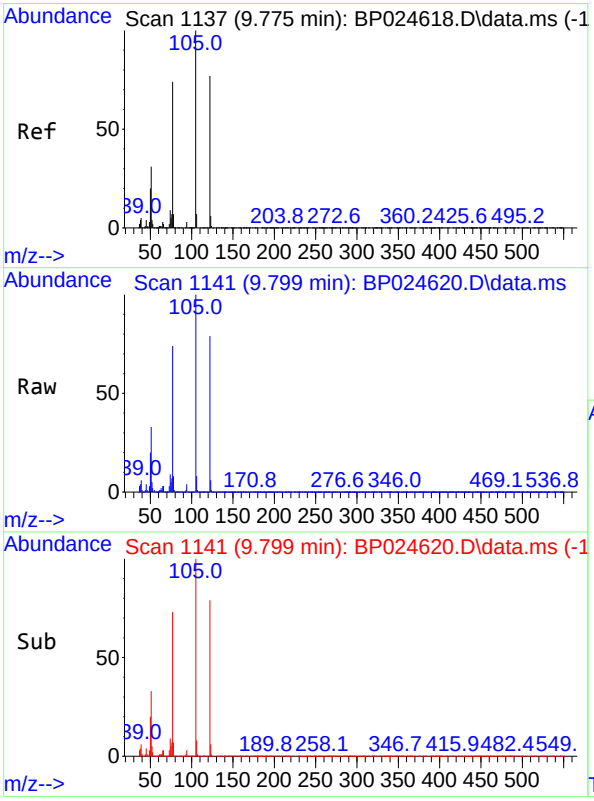
#31
Naphthalene
Concen: 60.03 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1508460

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.7	16.1

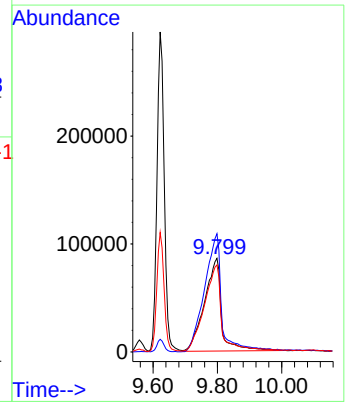


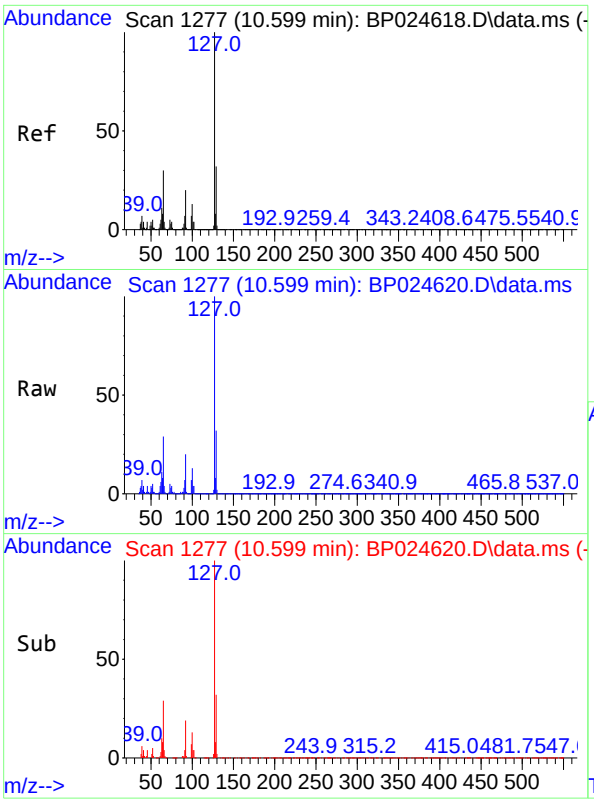


#32
Benzoic acid
Concen: 60.53 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.024 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:122 Resp: 319375

Ion	Ratio	Lower	Upper
122	100		
105	126.3	106.9	146.9
77	93.0	75.1	115.1



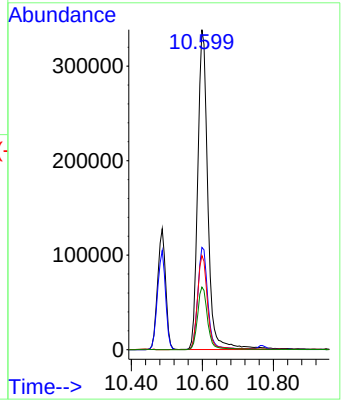


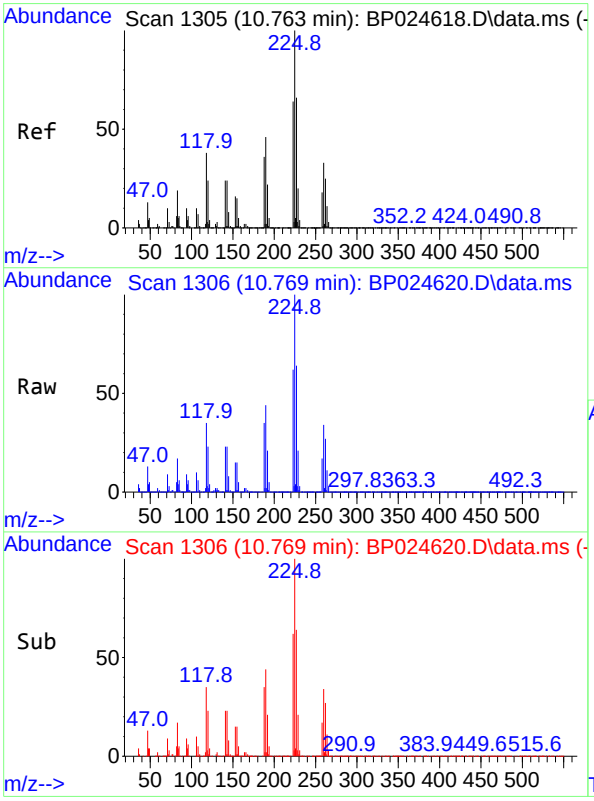
#33
4-Chloroaniline
Concen: 66.26 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 671888

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	29.4	23.9	35.9
92	19.6	16.1	24.1

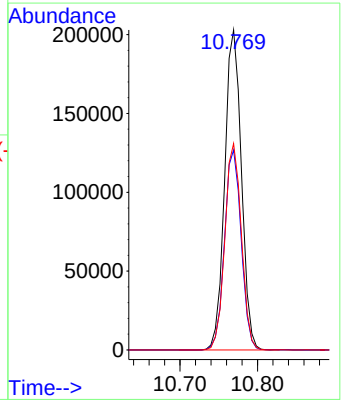


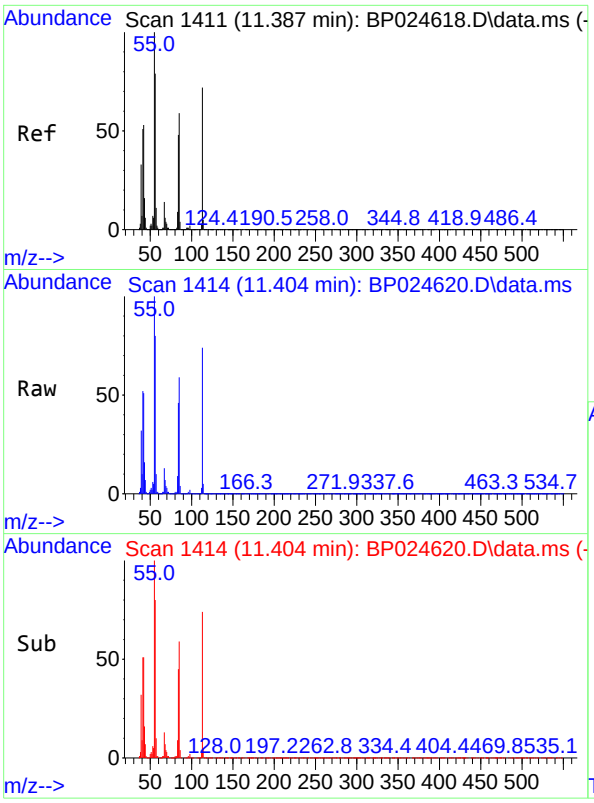


#34
Hexachlorobutadiene
Concen: 58.79 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:225 Resp: 303458

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.5	53.1	79.7



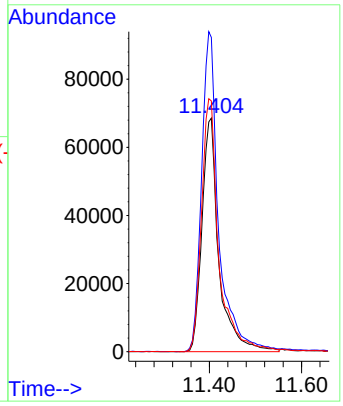


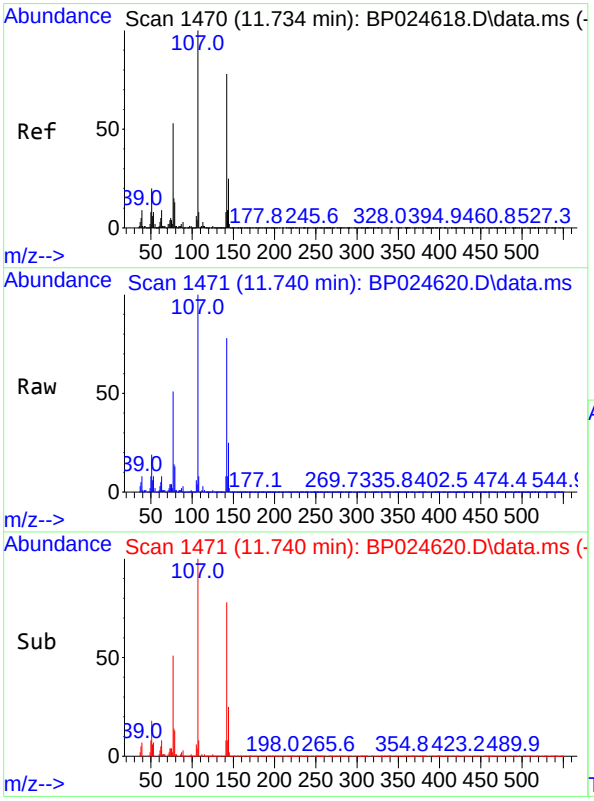
#35
Caprolactam
Concen: 68.70 ng
RT: 11.404 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 175653

Ion	Ratio	Lower	Upper
113	100		
55	134.5	119.0	159.0
56	107.3	90.3	130.3

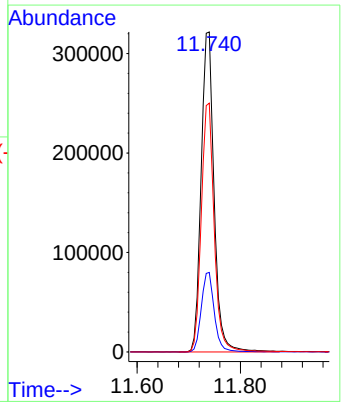


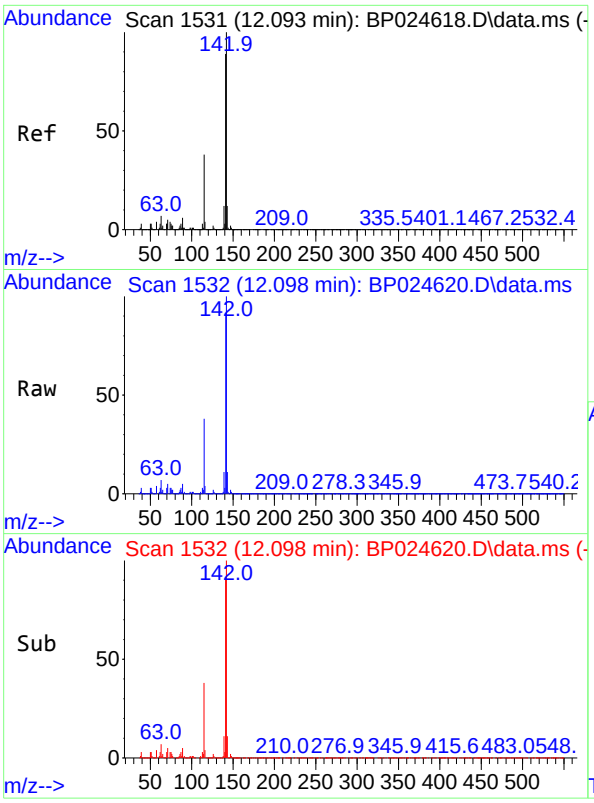


#36
4-Chloro-3-methylphenol
Concen: 64.84 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 559138

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.1	30.1
142	77.8	62.1	93.1



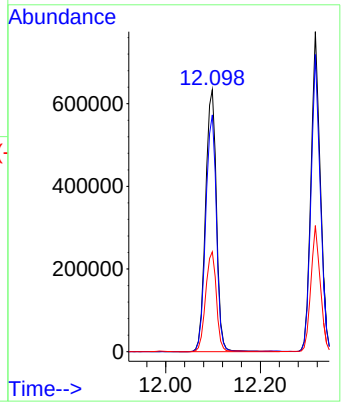


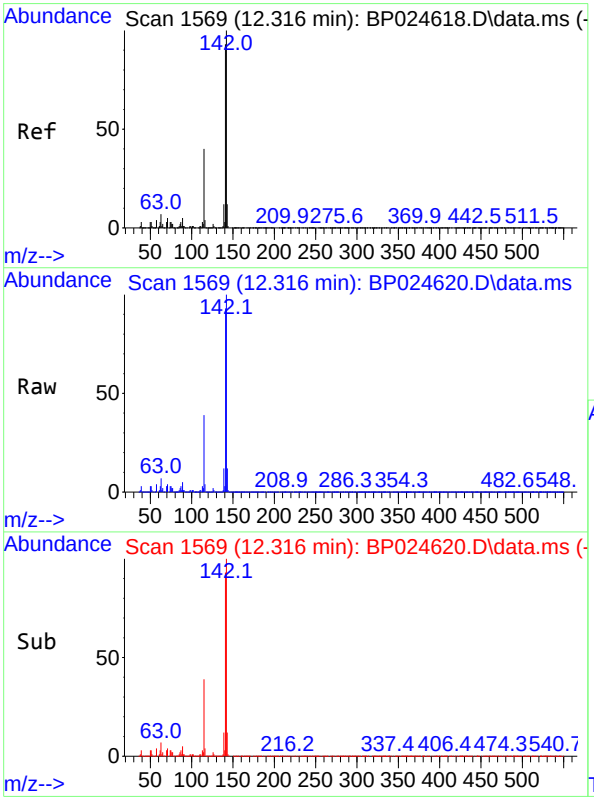
#37
2-Methylnaphthalene
Concen: 61.96 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1008171

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.2	106.8
115	38.1	30.6	46.0

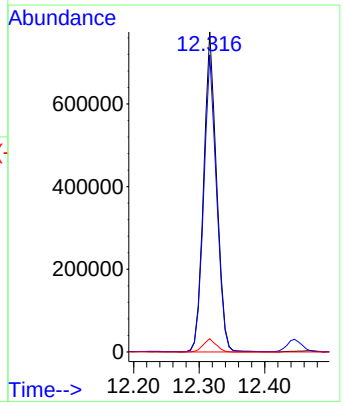


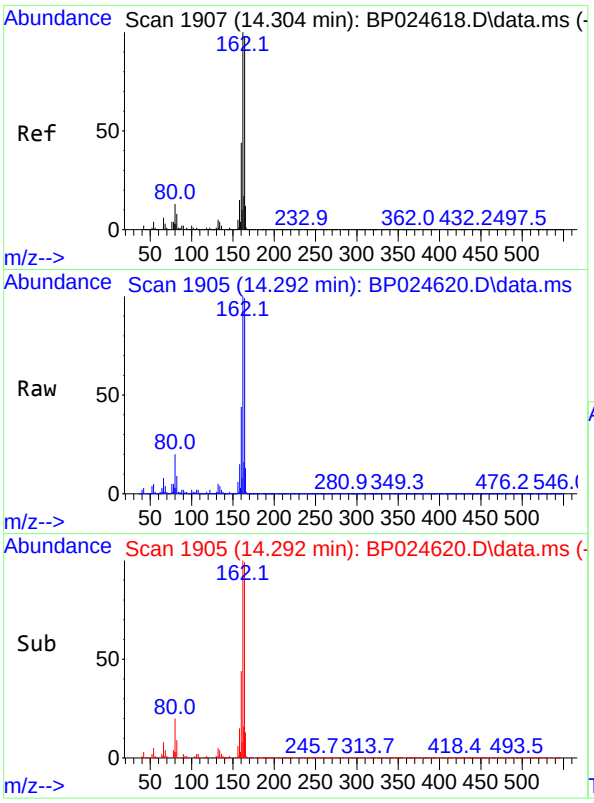


#38
1-Methylnaphthalene
Concen: 61.25 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:142 Resp: 1066290

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.7	112.1
116	4.2	3.4	5.2



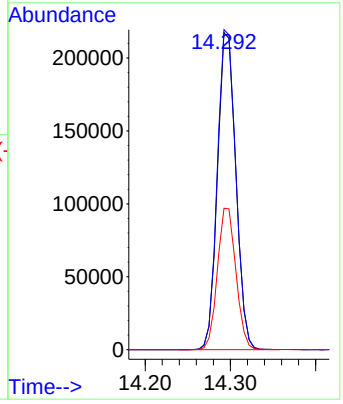


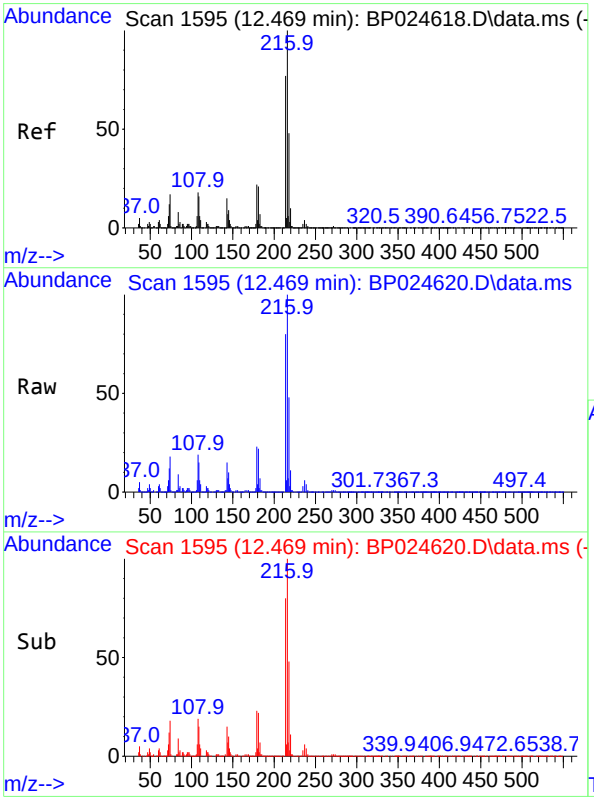
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 325327

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	44.6	36.3	54.5

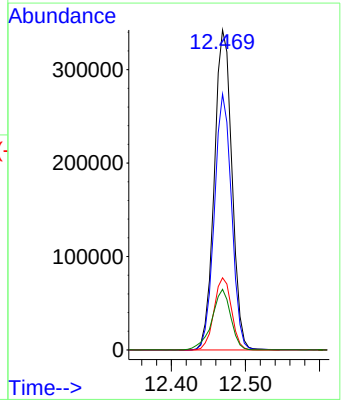


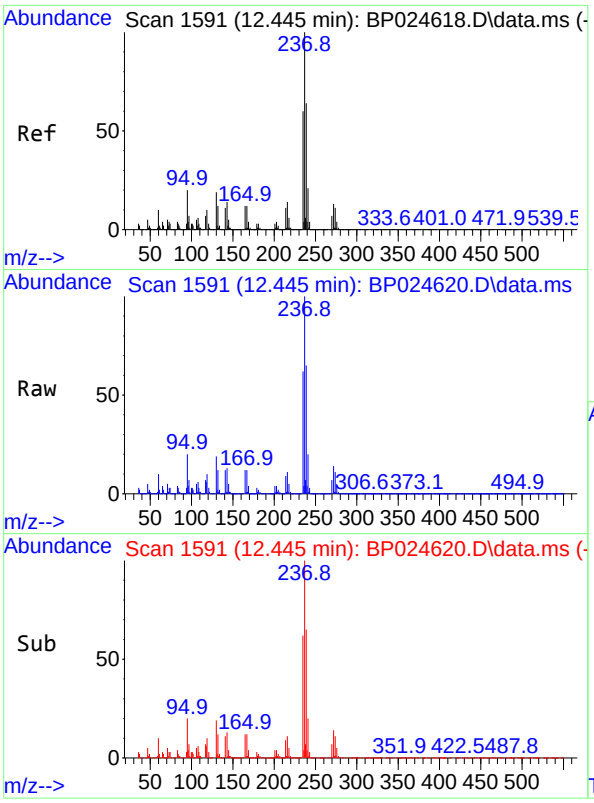


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.97 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:216 Resp: 566530

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	22.4	17.7	26.5
108	20.3	16.0	24.0



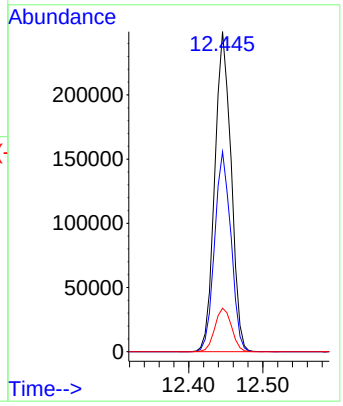


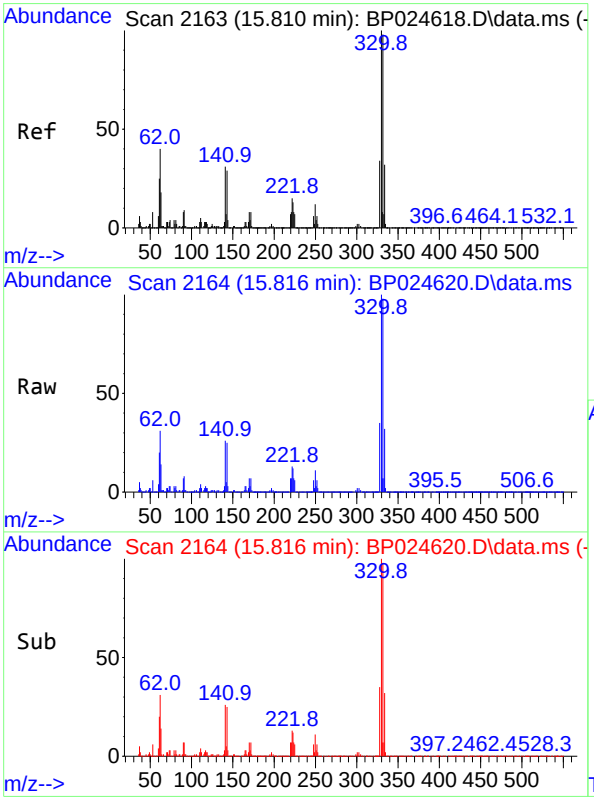
#41
Hexachlorocyclopentadiene
Concen: 66.62 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 381621

Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.9	79.9
272	13.6	0.0	33.2

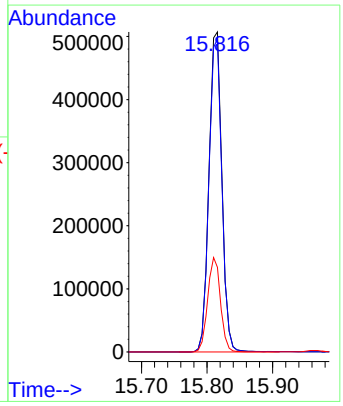


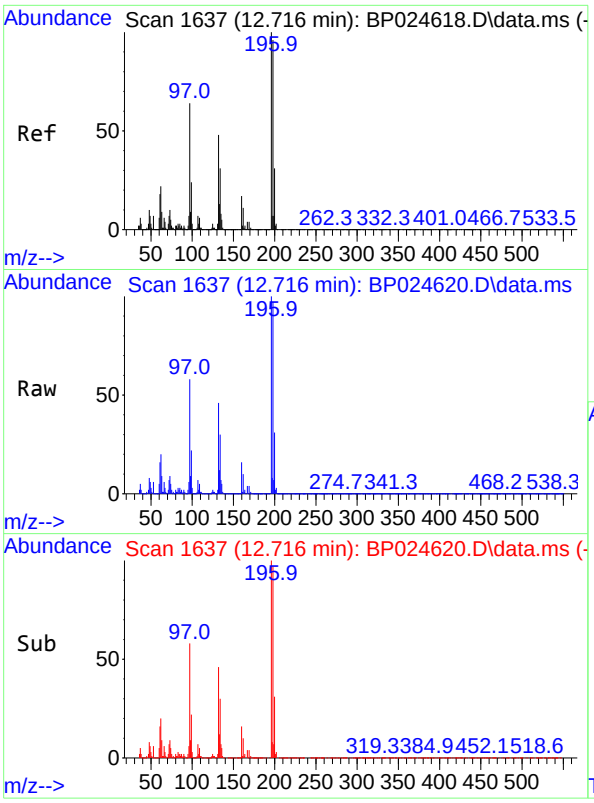


#42
2,4,6-Tribromophenol
Concen: 126.27 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:330 Resp: 696428

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	29.3	24.3	36.5



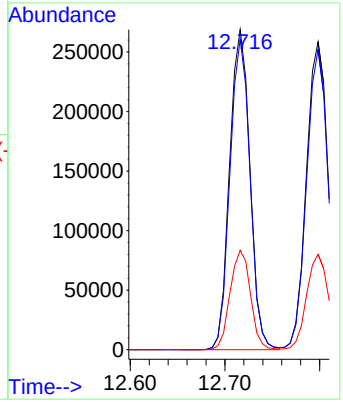


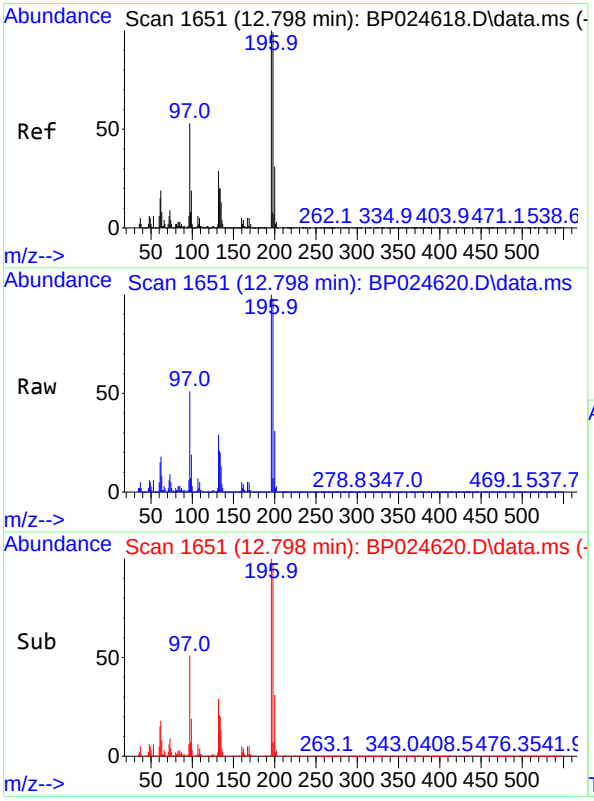
#43
2,4,6-Trichlorophenol
Concen: 65.46 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 400552

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.9	115.3
200	31.0	25.2	37.8

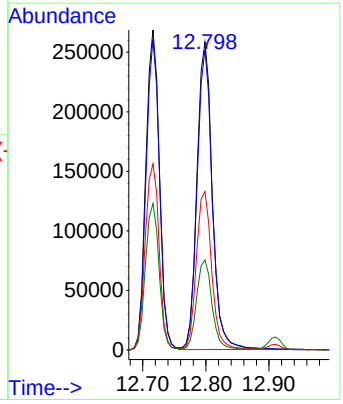


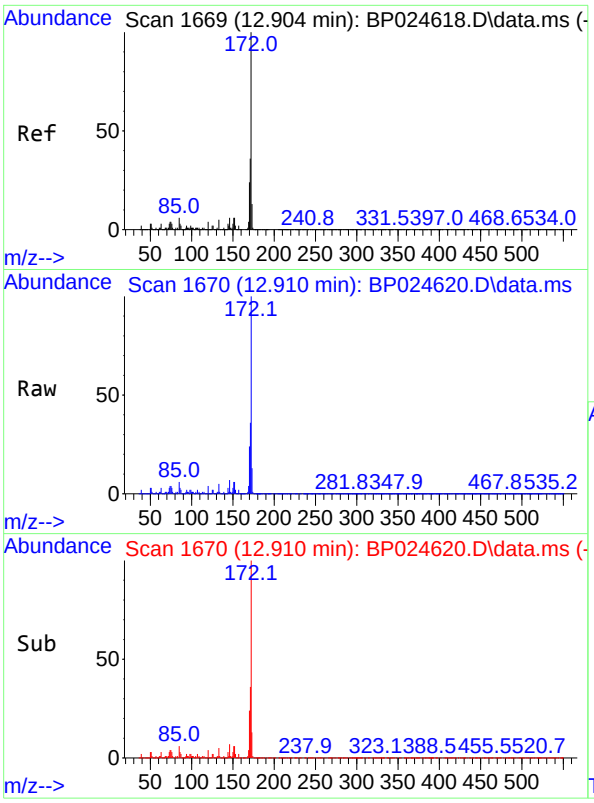


#44
2,4,5-Trichlorophenol
Concen: 64.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:196 Resp: 436361

Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.2	118.8
97	51.4	42.3	63.5
132	29.2	23.3	34.9



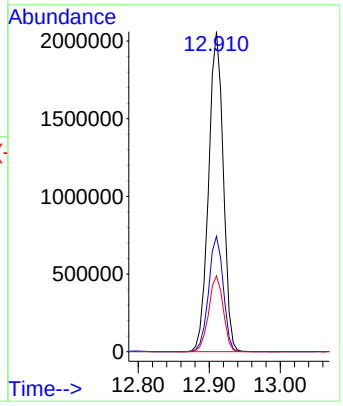


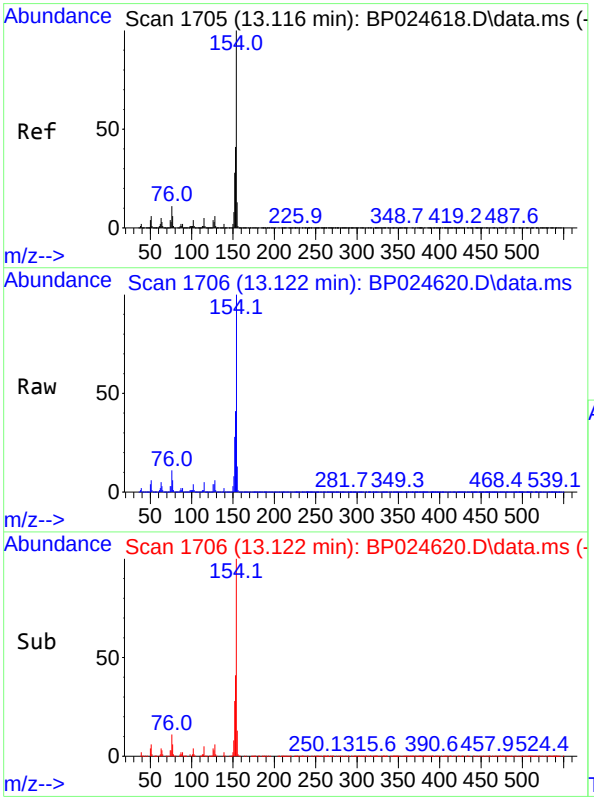
#45
2-Fluorobiphenyl
Concen: 119.08 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 2956939

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.7	18.8	28.2

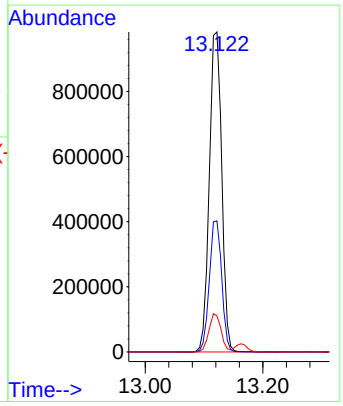


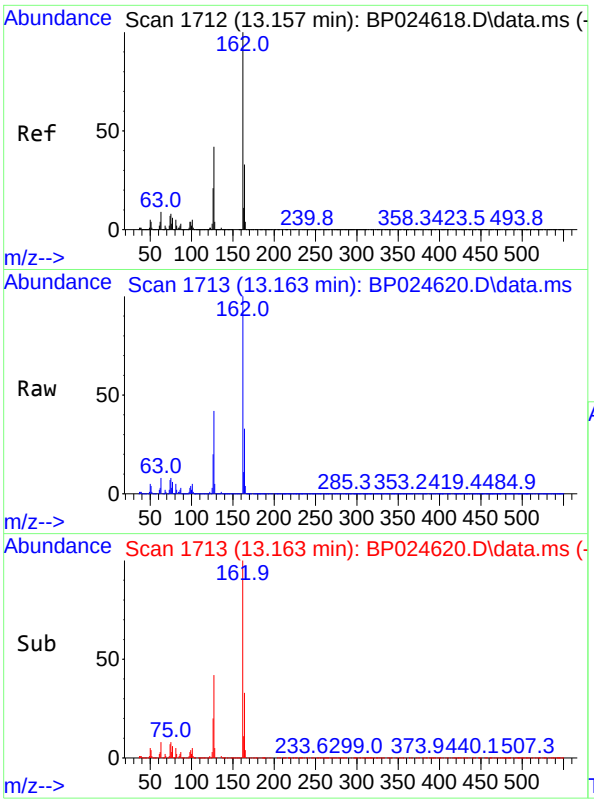


#46
1,1'-Biphenyl
Concen: 59.80 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1437786

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	11.3	0.0	31.5



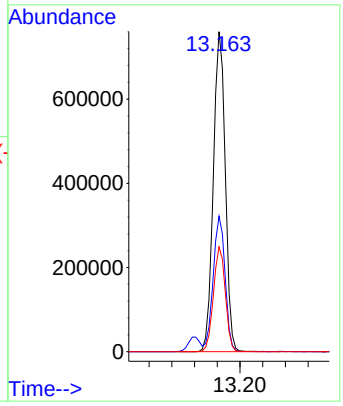


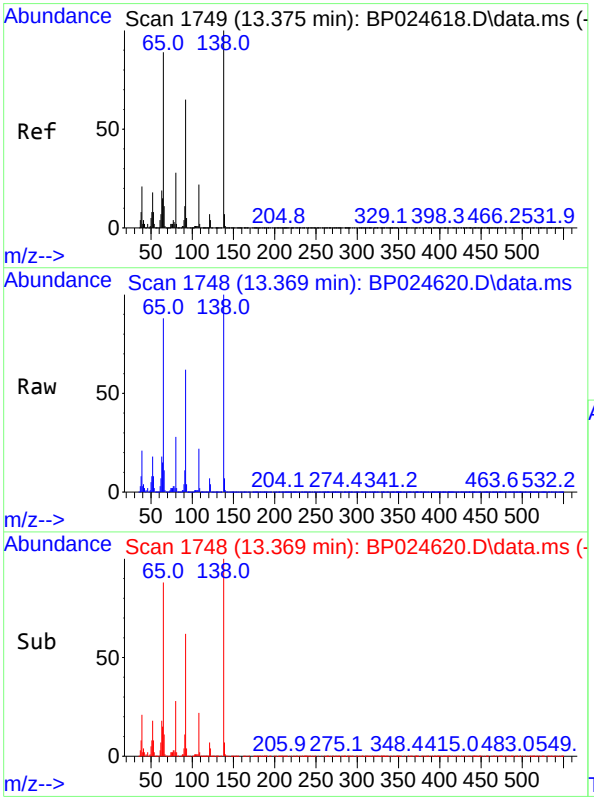
#47
2-Chloronaphthalene
Concen: 60.29 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1105298

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.8	50.6
164	32.8	26.0	39.0

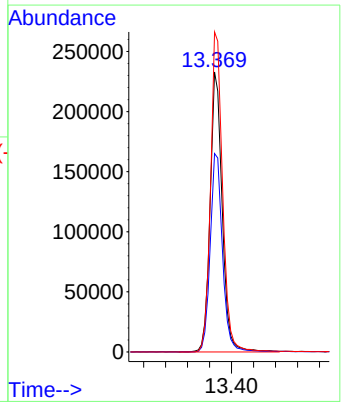


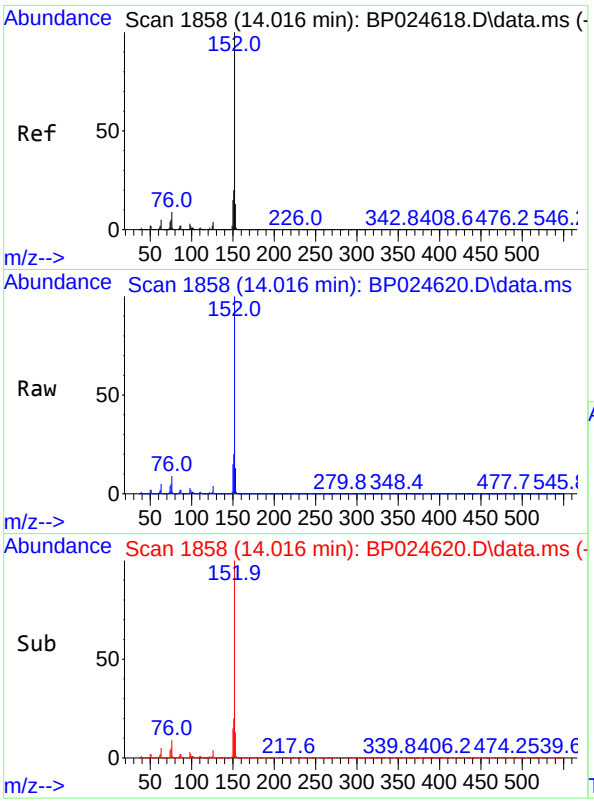


#48
2-Nitroaniline
Concen: 65.40 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 65 Resp: 354977

Ion	Ratio	Lower	Upper
65	100		
92	70.9	58.7	88.1
138	114.3	90.2	135.2



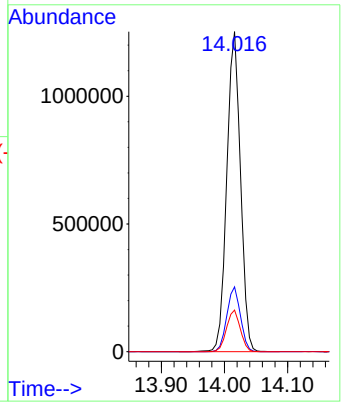


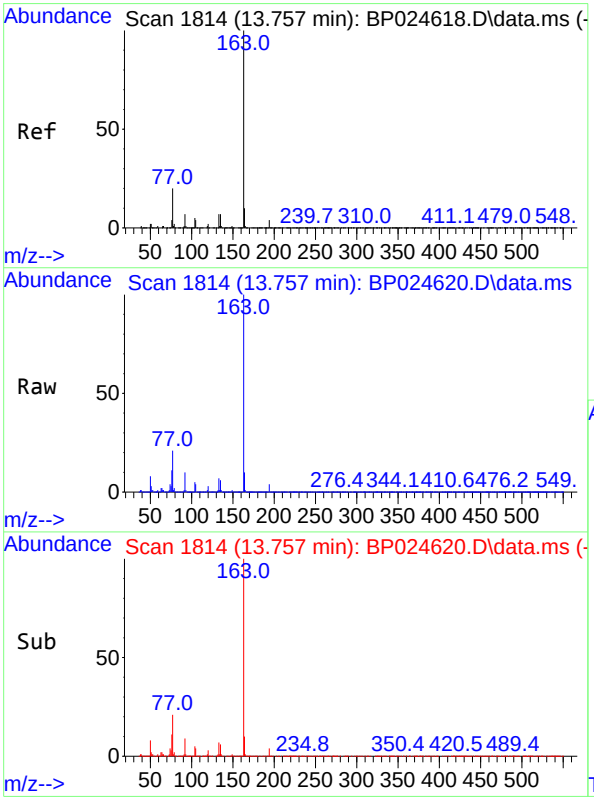
#49
Acenaphthylene
Concen: 61.41 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1884018

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.0	10.2	15.4

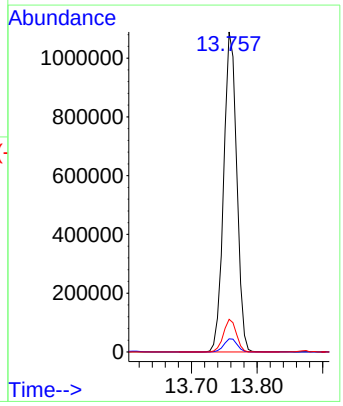


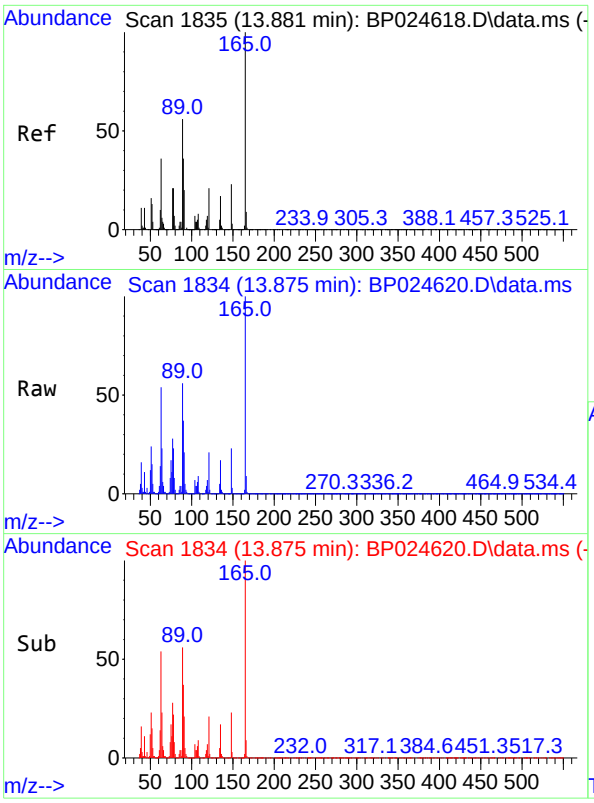


#50
Dimethylphthalate
Concen: 60.42 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:163 Resp: 1498318

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1



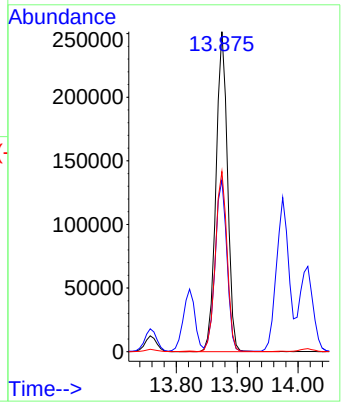


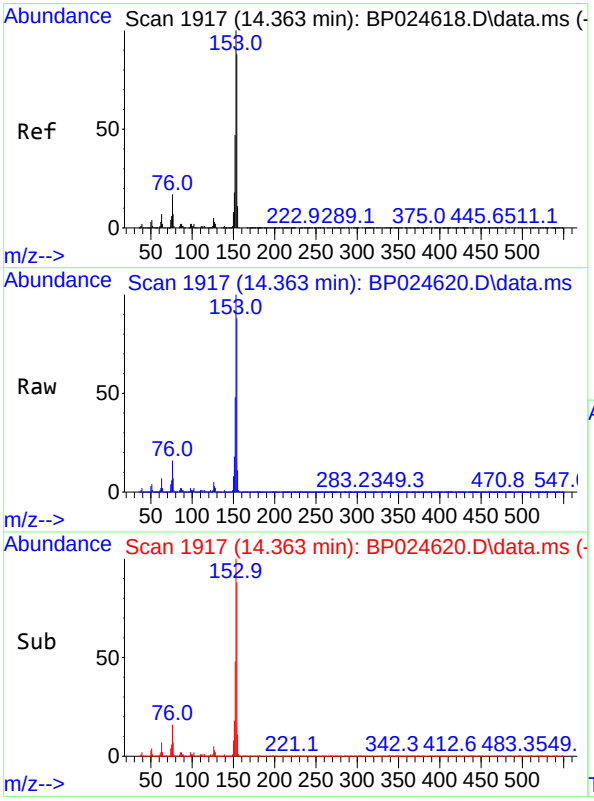
#51
2,6-Dinitrotoluene
Concen: 62.76 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 328682

Ion	Ratio	Lower	Upper
165	100		
63	53.7	42.4	63.6
89	56.3	44.8	67.2

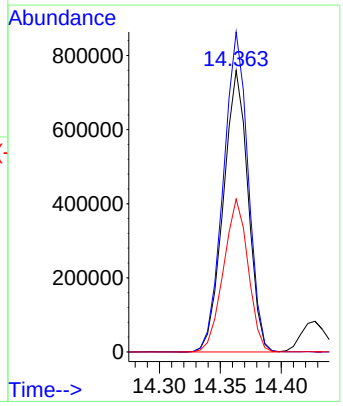


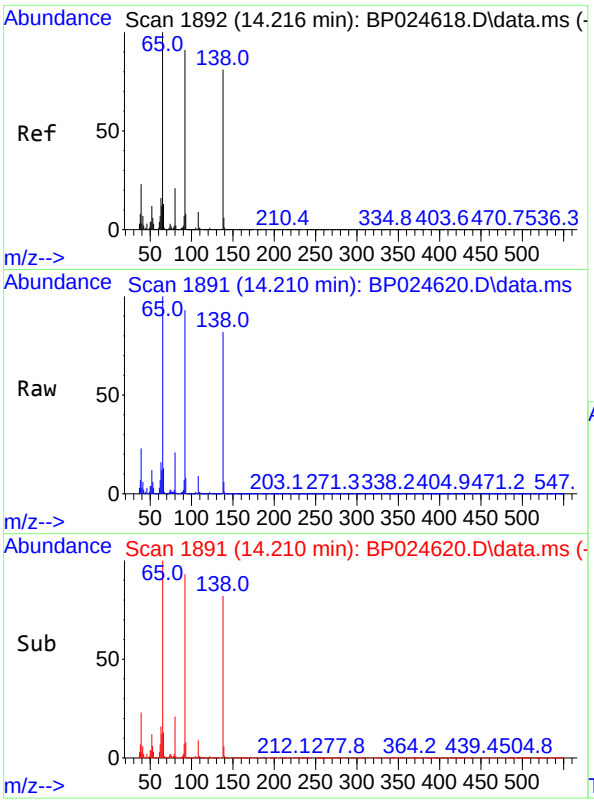


#52
Acenaphthene
Concen: 60.80 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1072483

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	54.4	42.9	64.3



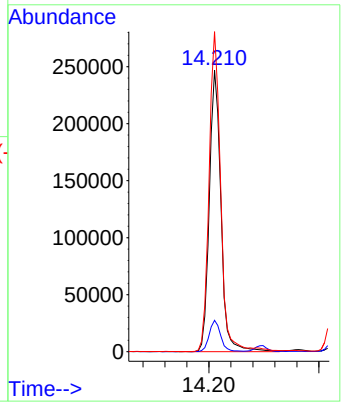


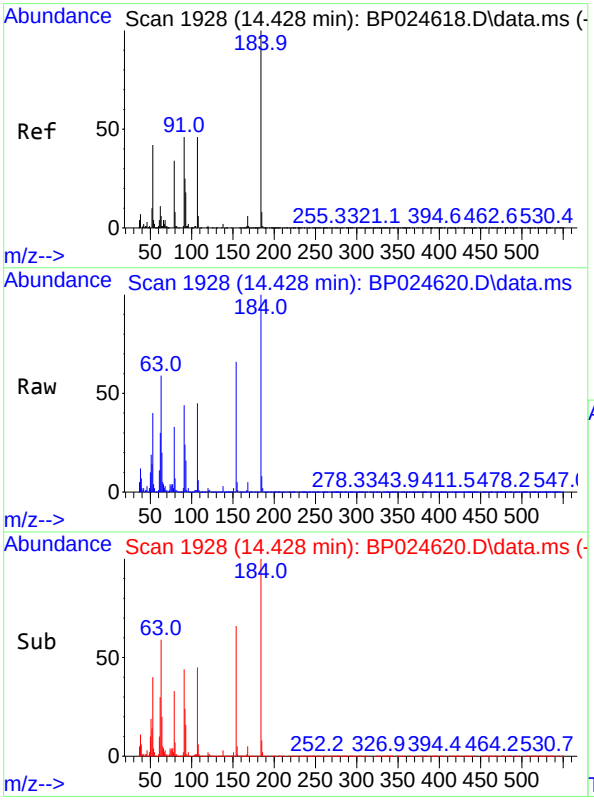
#53
3-Nitroaniline
Concen: 67.54 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 361174

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	113.7	90.1	135.1

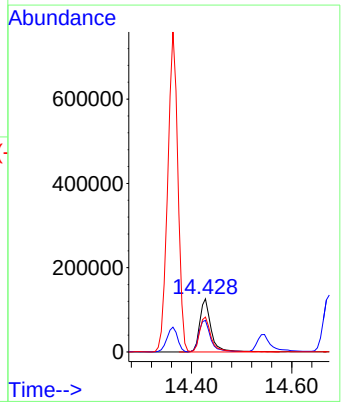


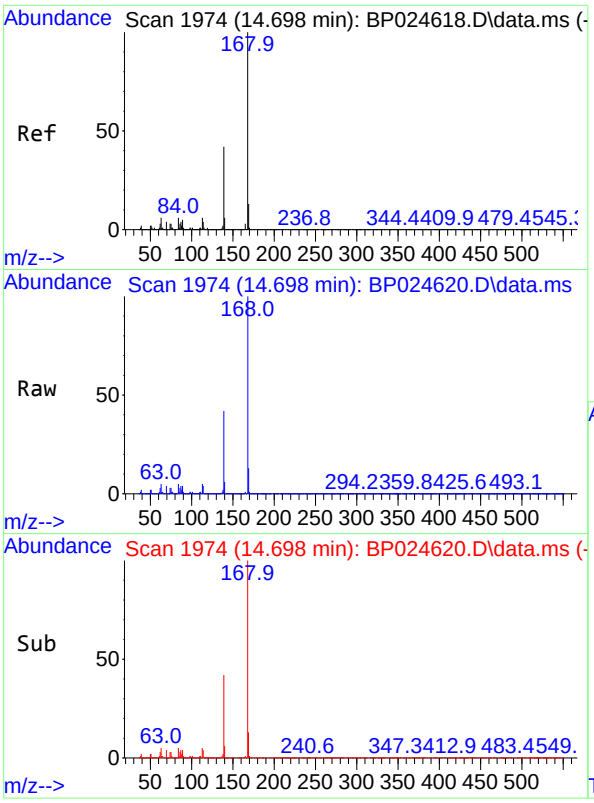


#54
2,4-Dinitrophenol
Concen: 61.10 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:184 Resp: 196350

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.3	76.9
154	65.7	53.5	80.3



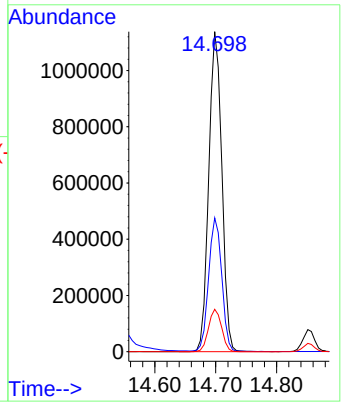


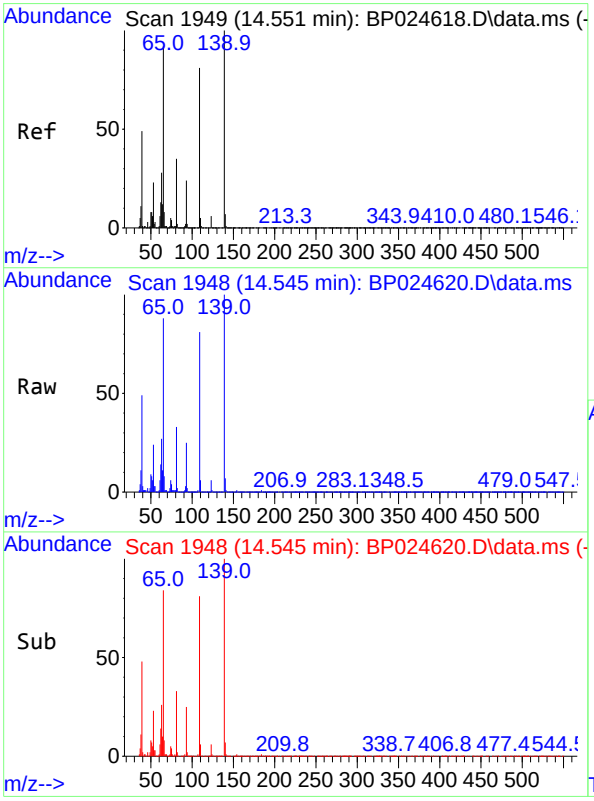
#55
Dibenzofuran
Concen: 60.13 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1691790

Ion	Ratio	Lower	Upper
168	100		
139	41.8	34.2	51.4
169	13.3	10.8	16.2

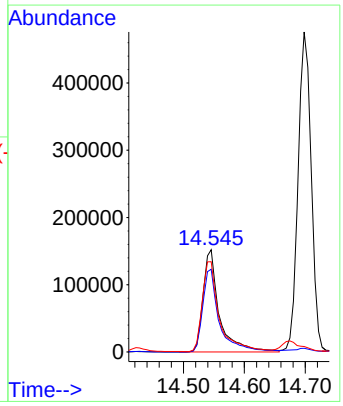


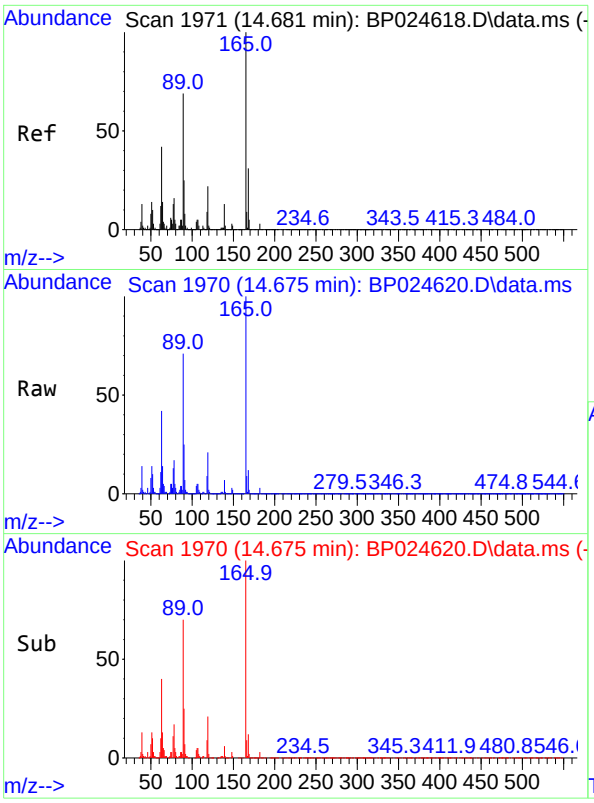


#56
4-Nitrophenol
Concen: 61.78 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 281293

Ion	Ratio	Lower	Upper
139	100		
109	80.9	61.4	101.4
65	88.2	72.2	112.2



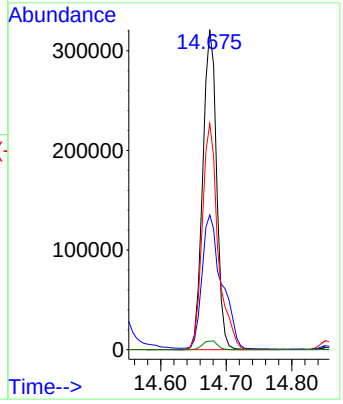


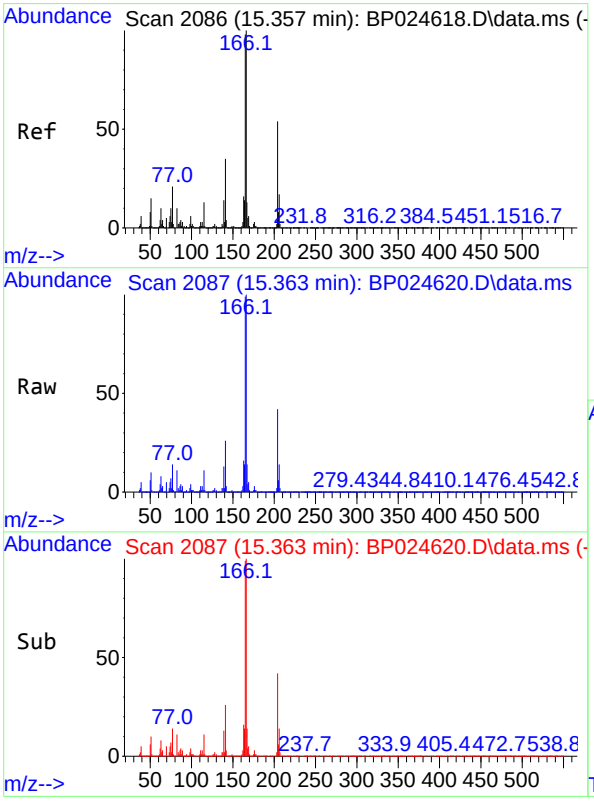
#57
2,4-Dinitrotoluene
Concen: 63.87 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 471525

Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.8	50.6
89	70.6	55.6	83.4
182	2.7	2.4	3.6

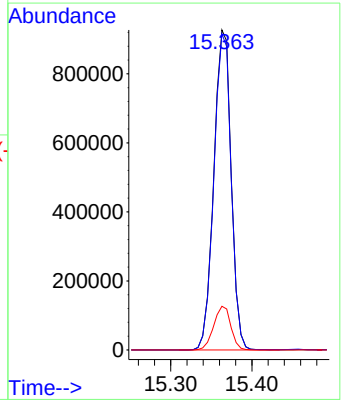


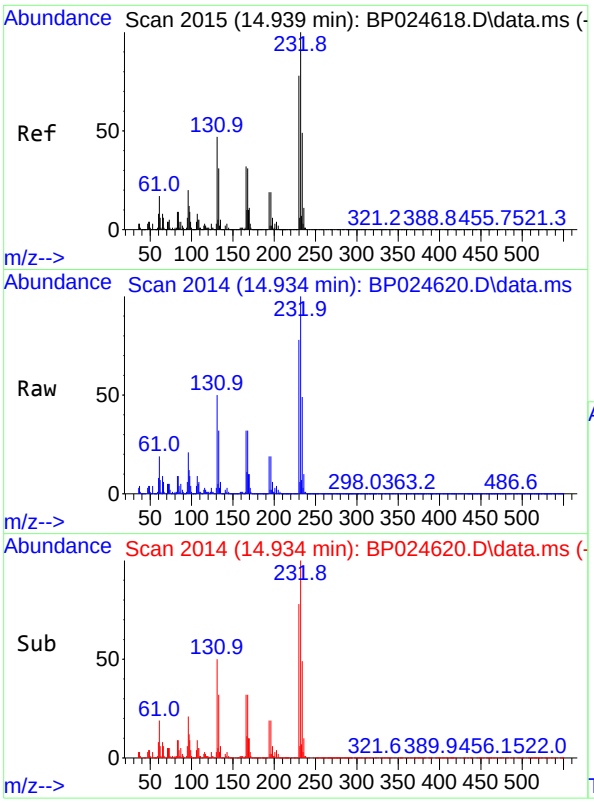


#58
Fluorene
Concen: 60.00 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:166 Resp: 1376412

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	13.6	10.7	16.1



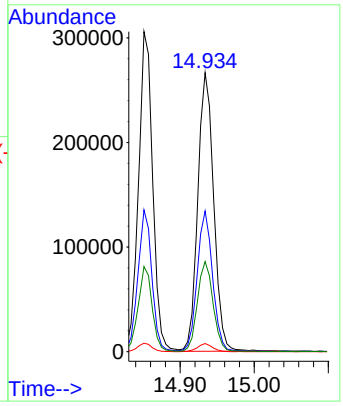


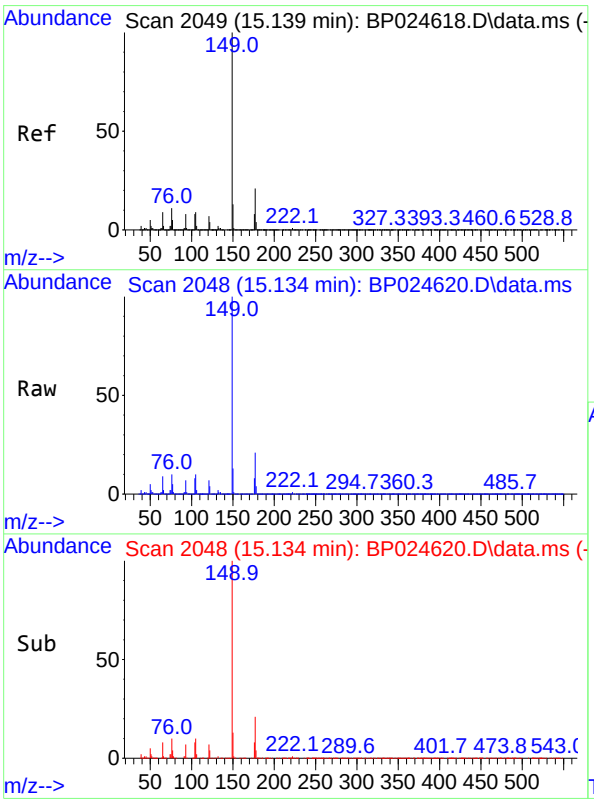
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.78 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 396678

Ion	Ratio	Lower	Upper
232	100		
131	49.0	39.5	59.3
130	2.7	2.2	3.4
166	31.9	25.7	38.5

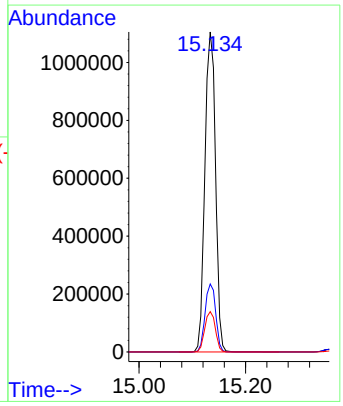


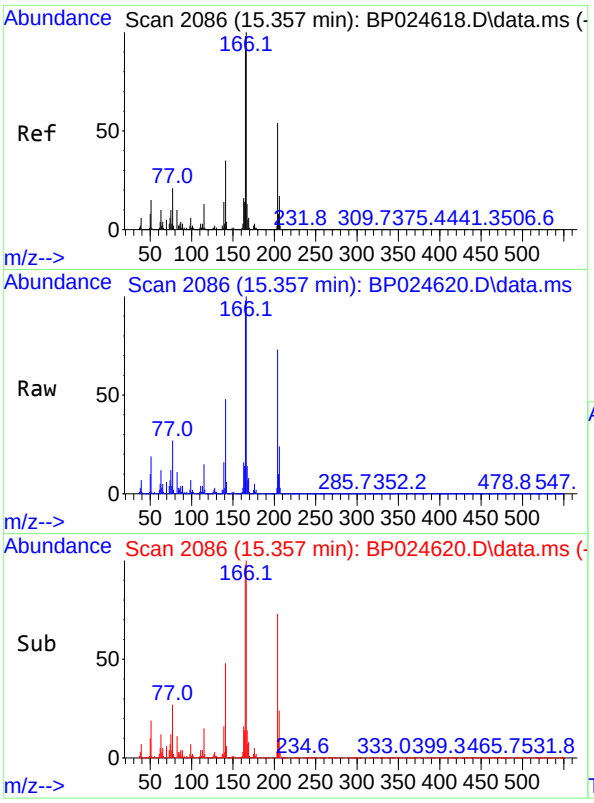


#60
Diethylphthalate
Concen: 60.87 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1525628

Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.6	10.2	15.2



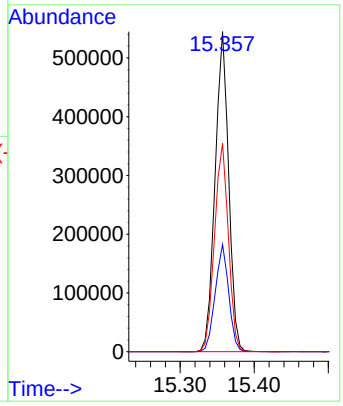


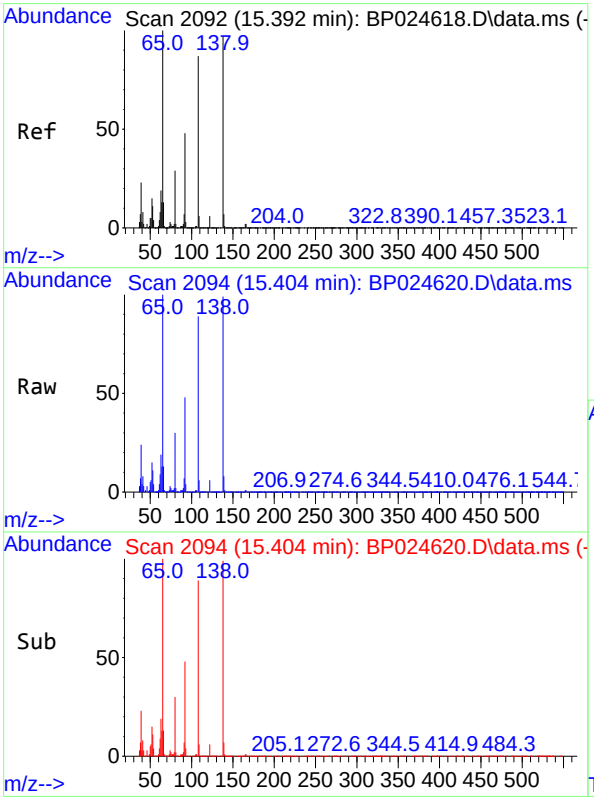
#61
4-Chlorophenyl-phenylether
Concen: 60.51 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 692230

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	65.2	52.9	79.3

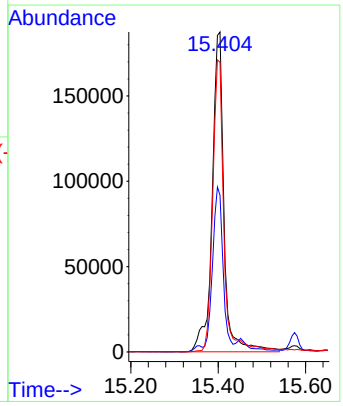


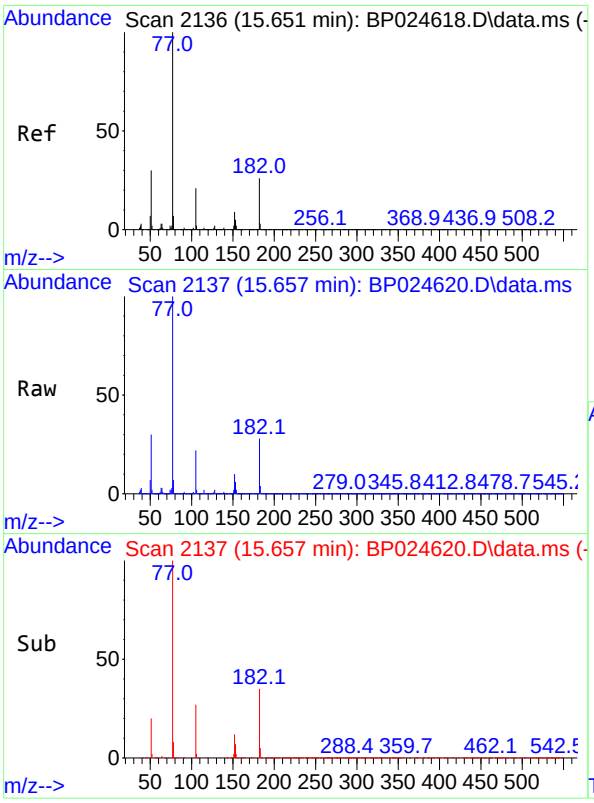


#62
4-Nitroaniline
Concen: 68.05 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:138 Resp: 354287

Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.2	69.2
108	90.5	69.0	109.0



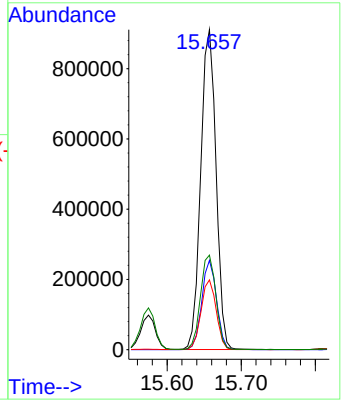


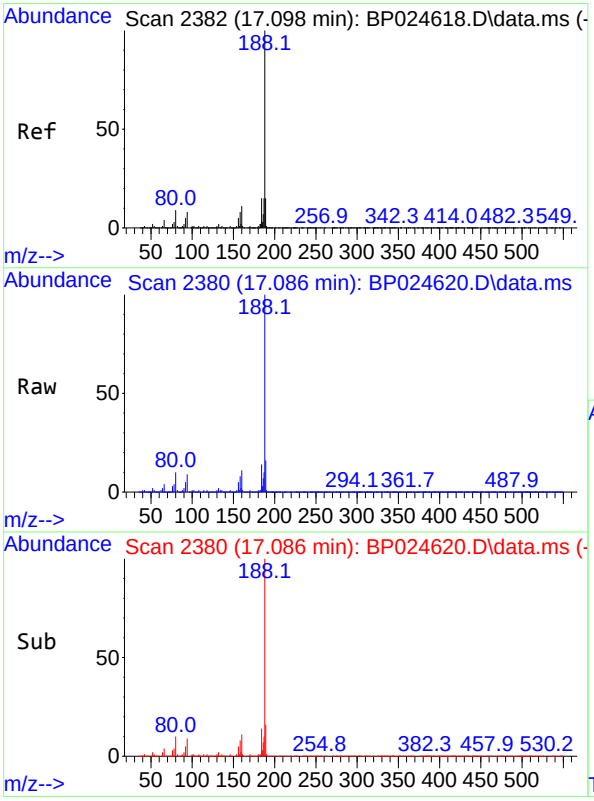
#63
Azobenzene
Concen: 61.14 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1310800

Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.8	1.3	41.3
51	29.6	10.6	50.6

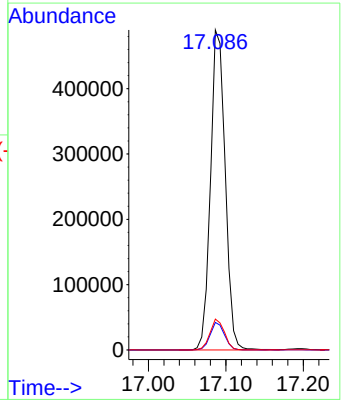


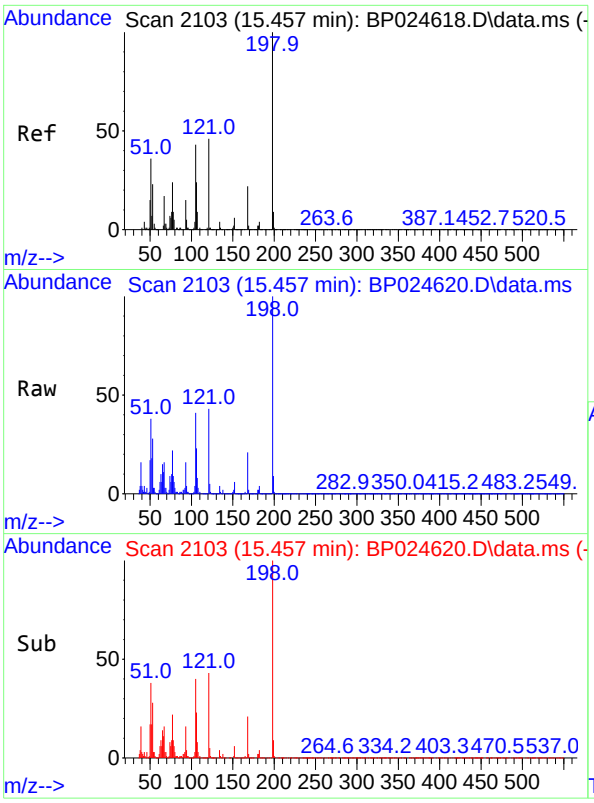


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:188 Resp: 646756

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.6	7.3	10.9



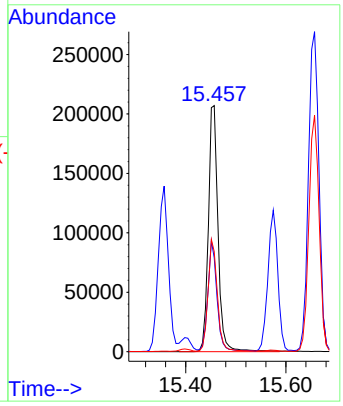


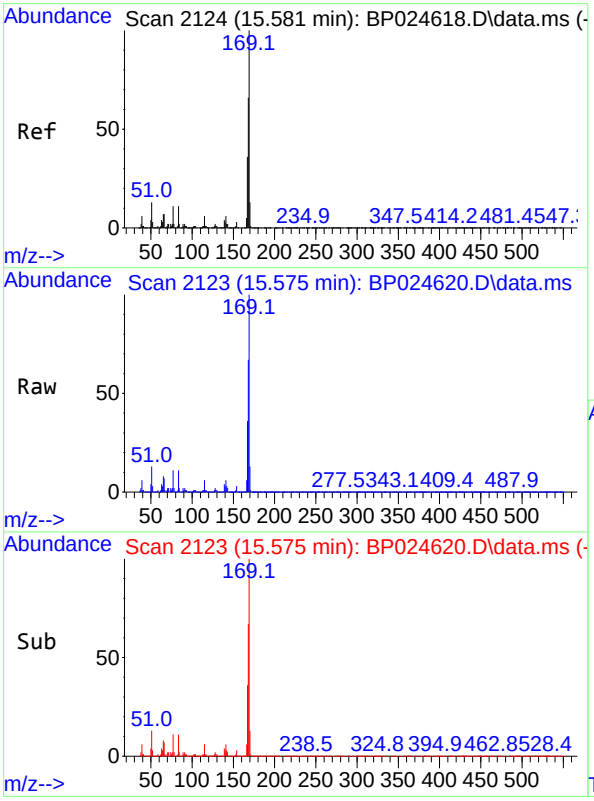
#65
4,6-Dinitro-2-methylphenol
Concen: 66.55 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 278024

Ion	Ratio	Lower	Upper
198	100		
51	38.1	21.1	61.1
105	40.6	23.6	63.6

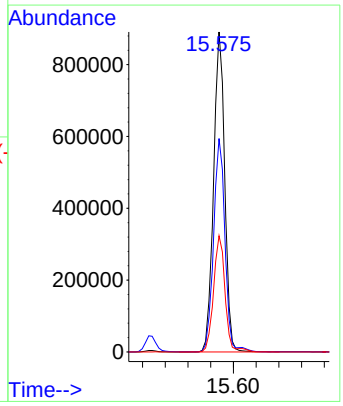


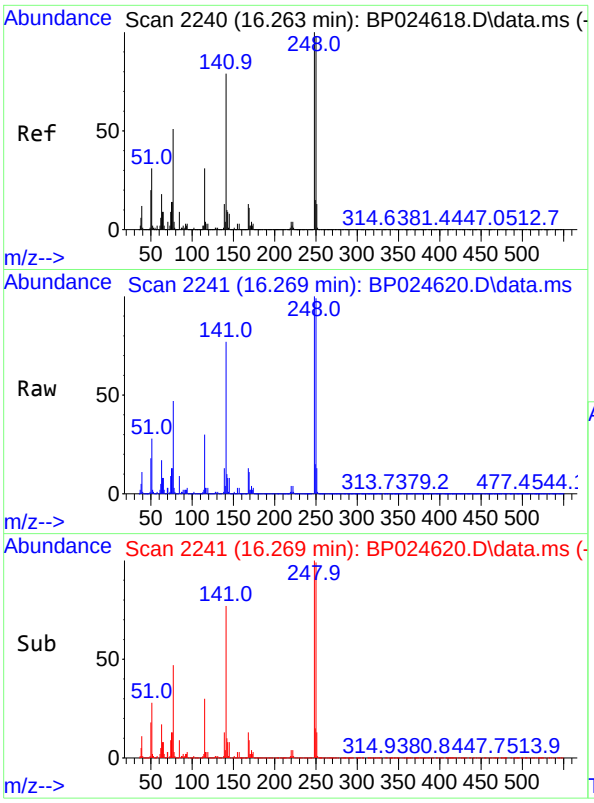


#66
n-Nitrosodiphenylamine
Concen: 60.68 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:169 Resp: 1205525

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.3	28.6	43.0



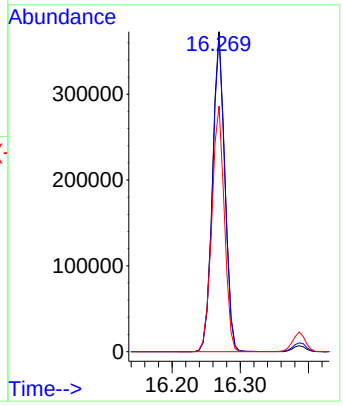


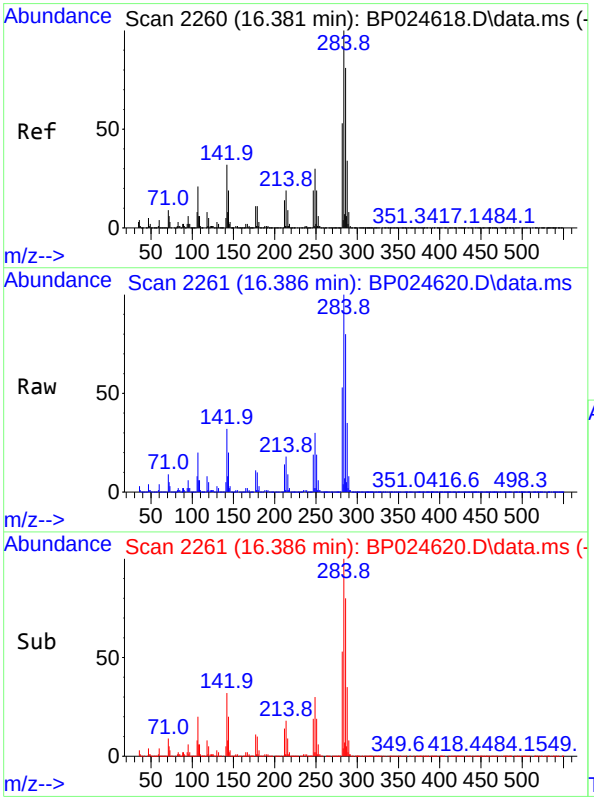
#67
4-Bromophenyl-phenylether
Concen: 61.56 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 469127

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.2	117.4
141	76.7	63.0	94.6

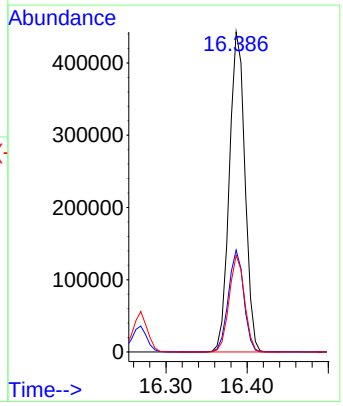


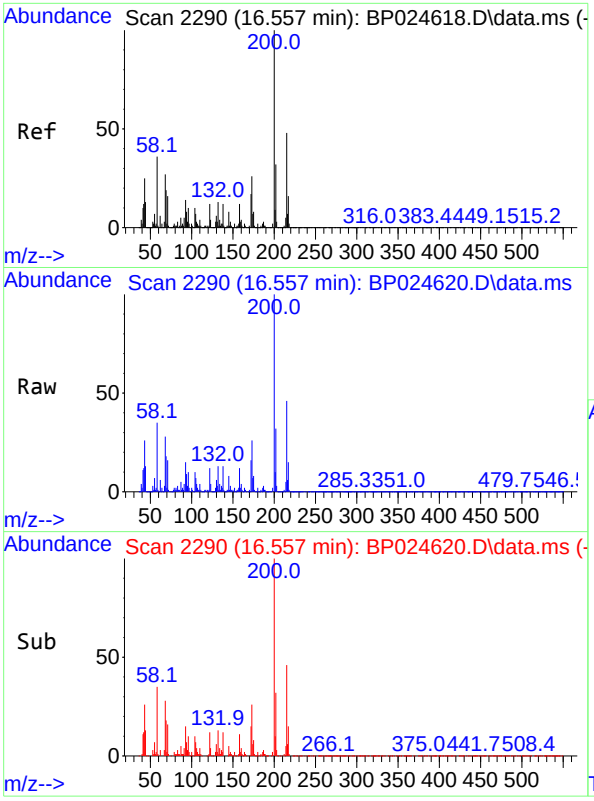


#68
Hexachlorobenzene
Concen: 60.99 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:284 Resp: 590615

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.9	38.9
249	30.3	24.1	36.1



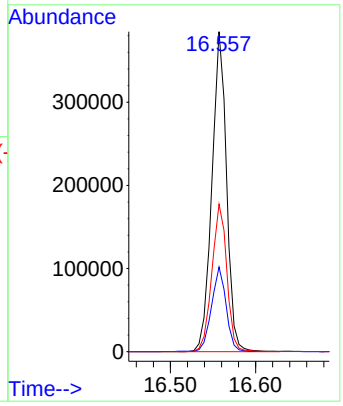


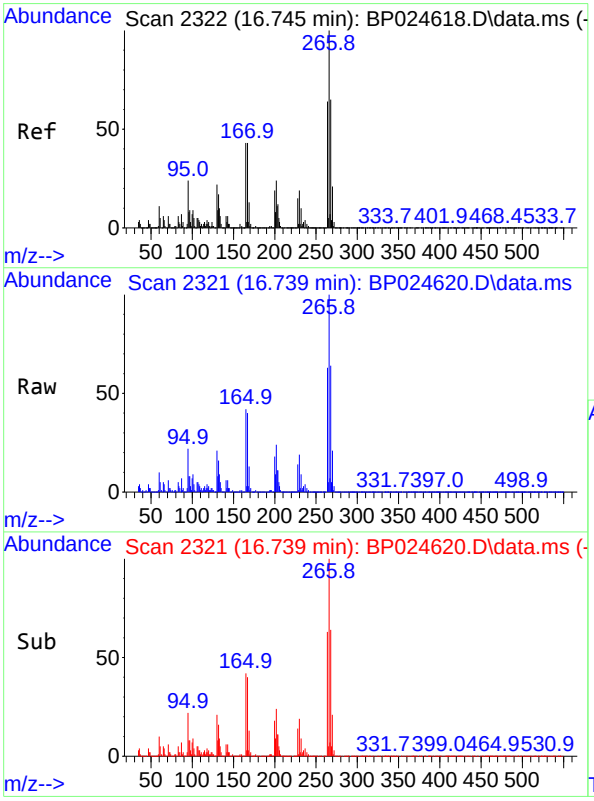
#69
Atrazine
Concen: 63.29 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 460742

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.9	45.9
215	46.1	28.3	68.3

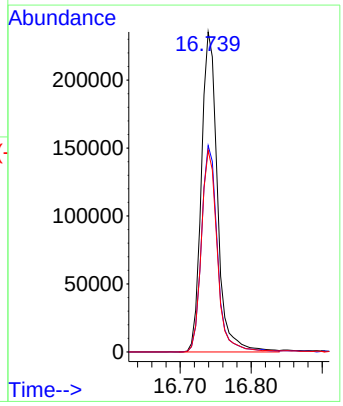


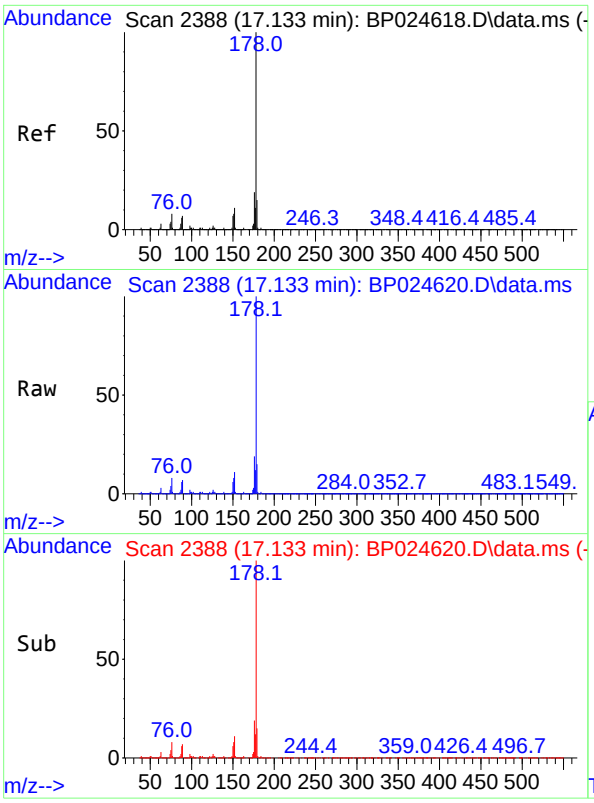


#70
Pentachlorophenol
Concen: 68.29 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:266 Resp: 371465

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.2	78.4
264	62.9	51.1	76.7



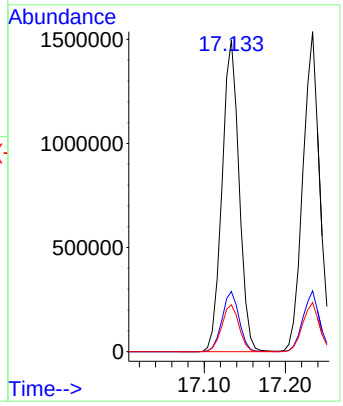


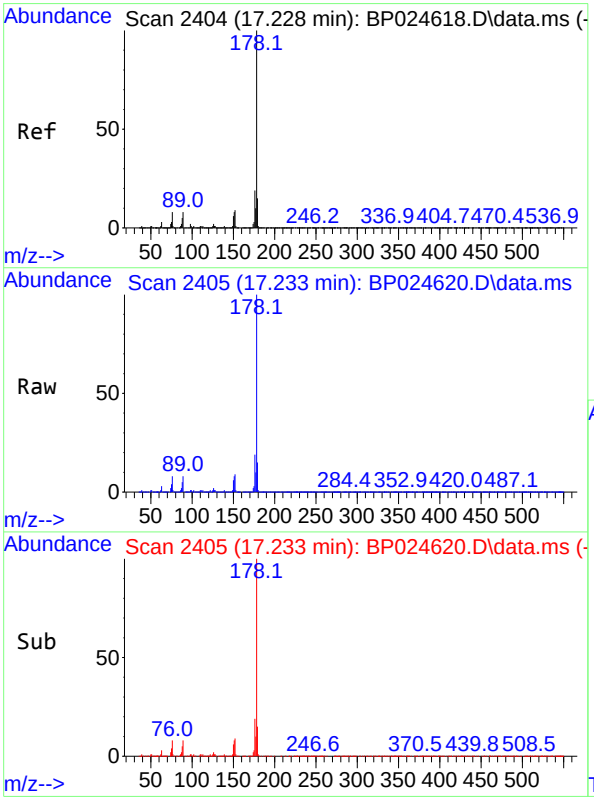
#71
Phenanthrene
Concen: 60.73 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 2183329

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.2	18.4

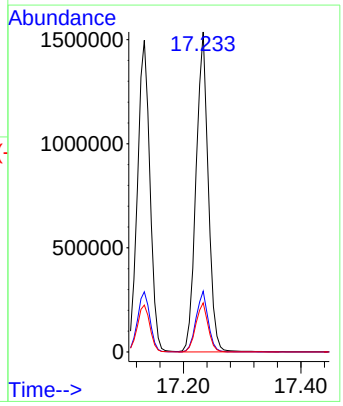


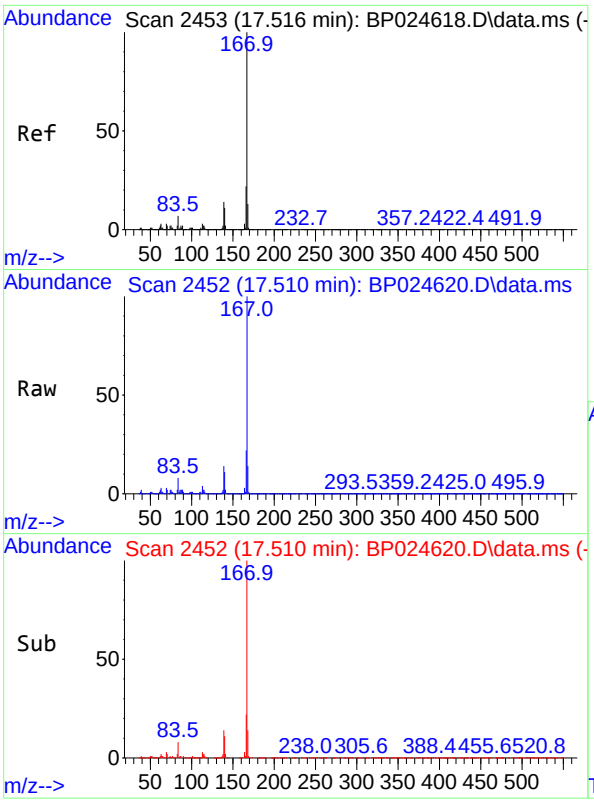


#72
Anthracene
Concen: 61.11 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:178 Resp: 2210412

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	12.2	18.2



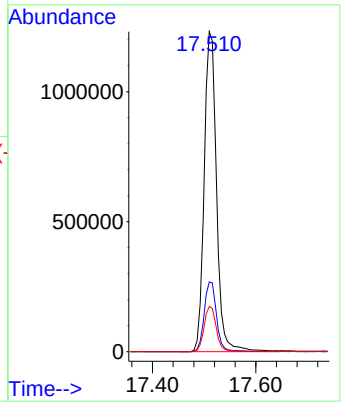


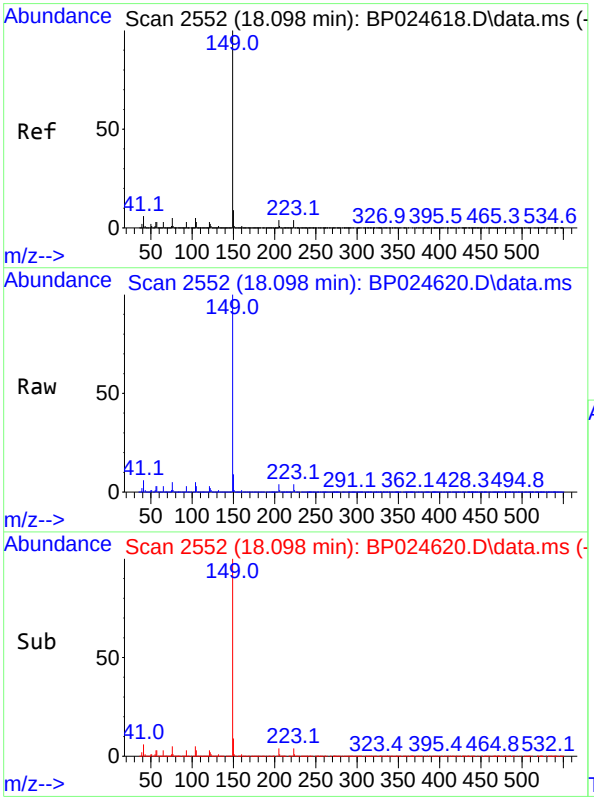
#73
Carbazole
Concen: 62.39 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 2042777

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.1	11.3	16.9

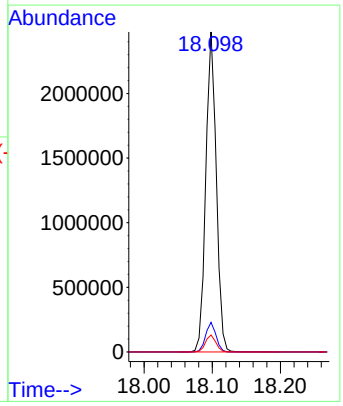


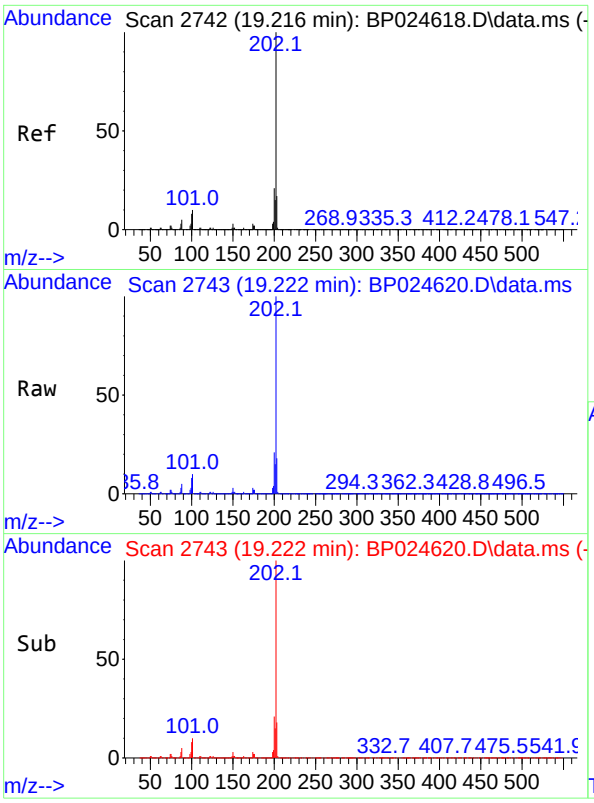


#74
Di-n-butylphthalate
Concen: 62.81 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 2644959

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.3	6.5



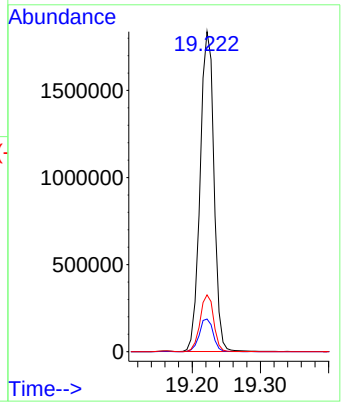


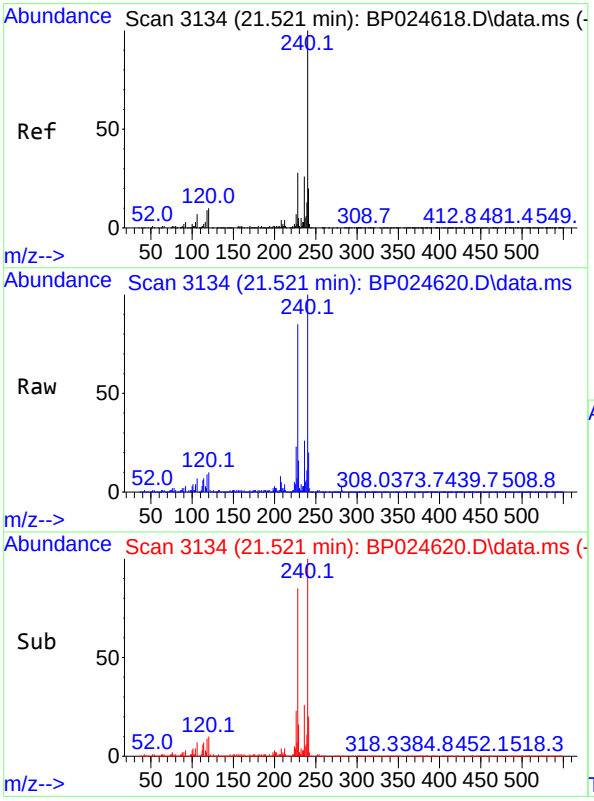
#75
Fluoranthene
Concen: 61.73 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 2594532

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
203	17.8	0.0	37.5

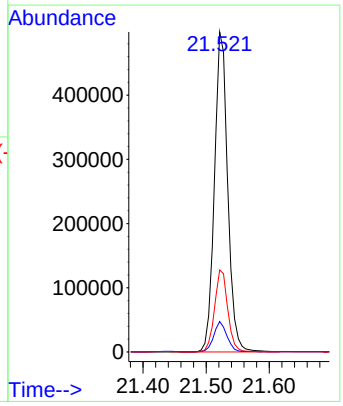


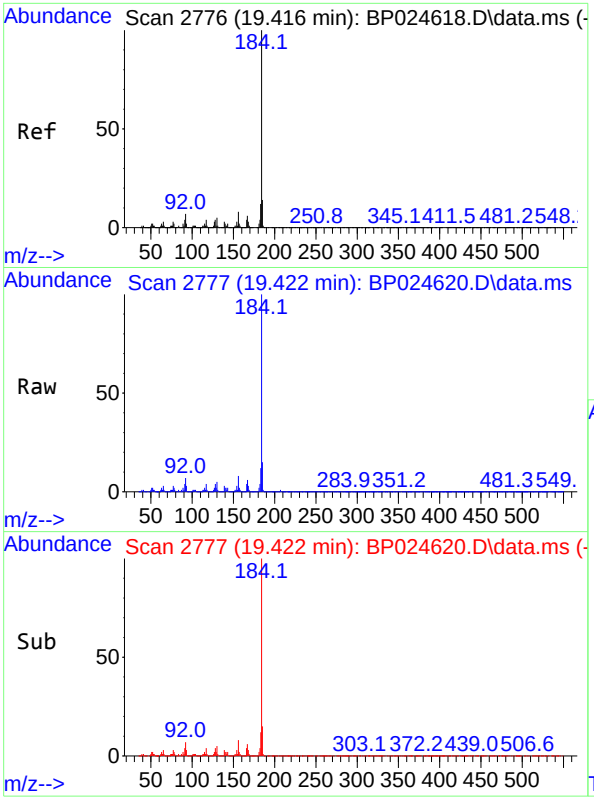


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:240 Resp: 726281

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	25.6	20.6	31.0



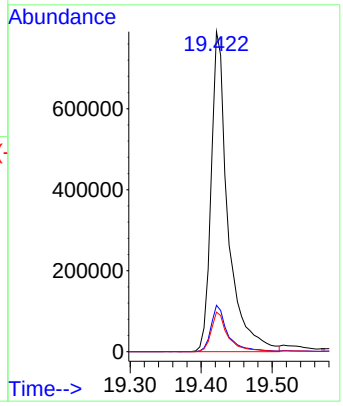


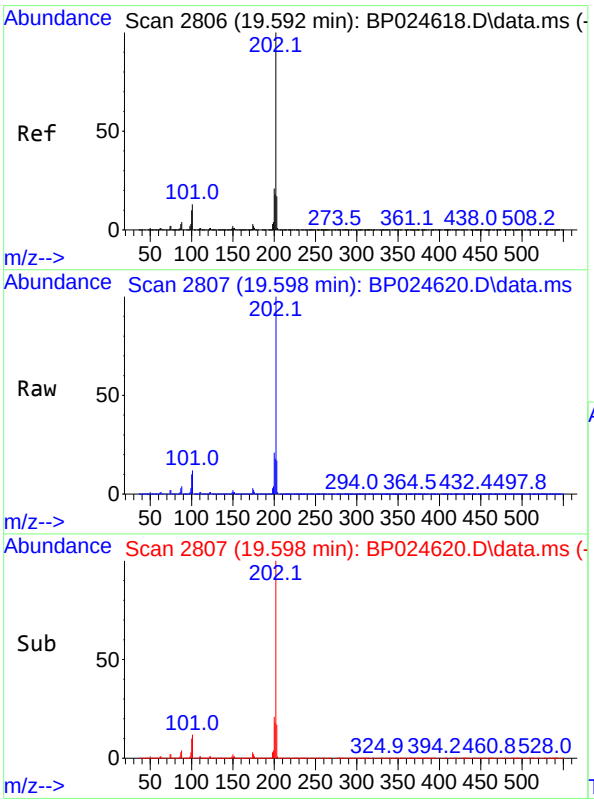
#77
Benzidine
Concen: 65.42 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1304259

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.2	16.8
183	12.4	9.8	14.8

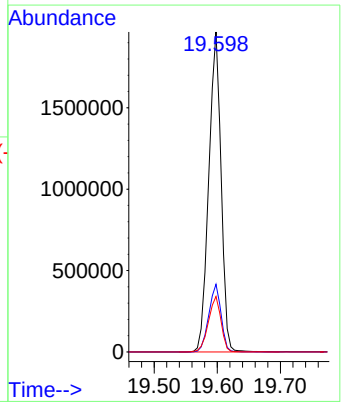


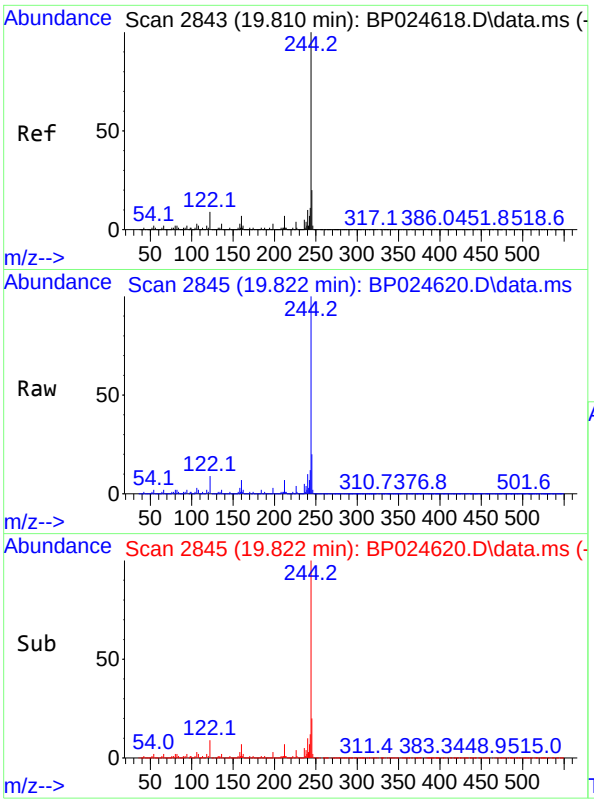


#78
Pyrene
Concen: 61.17 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:202 Resp: 2661811

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9



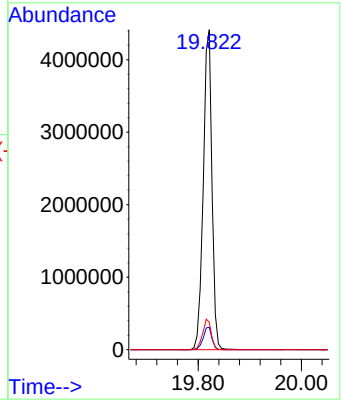


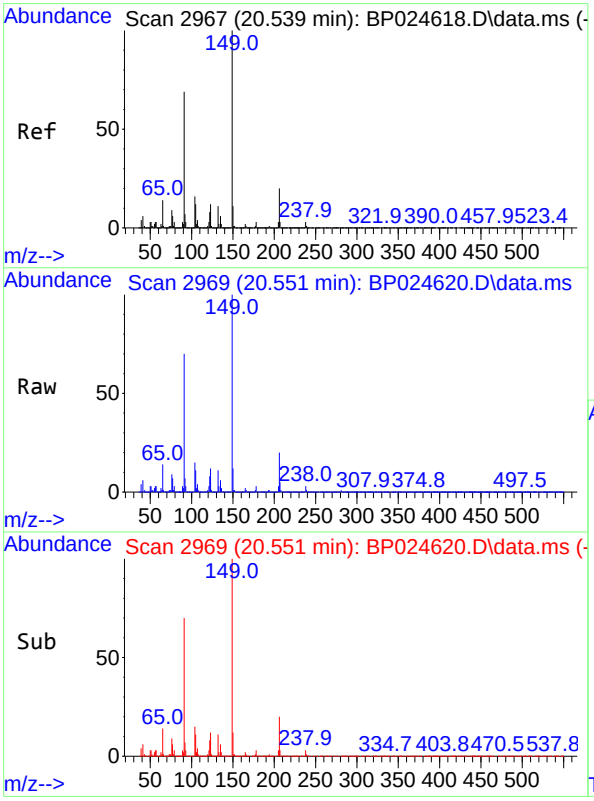
#79
Terphenyl-d14
Concen: 120.88 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 5119872

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	8.6	7.4	11.0

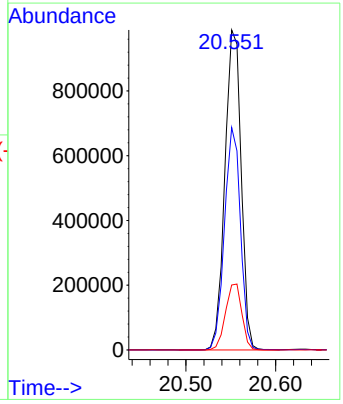


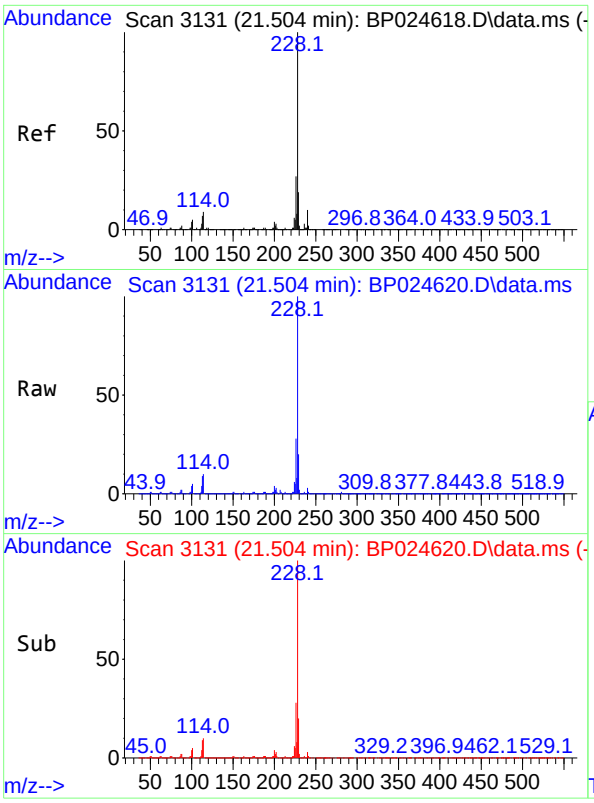


#80
Butylbenzylphthalate
Concen: 64.25 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1243403

Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.4	83.0
206	20.3	16.2	24.2



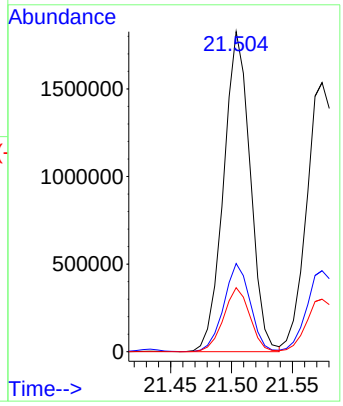


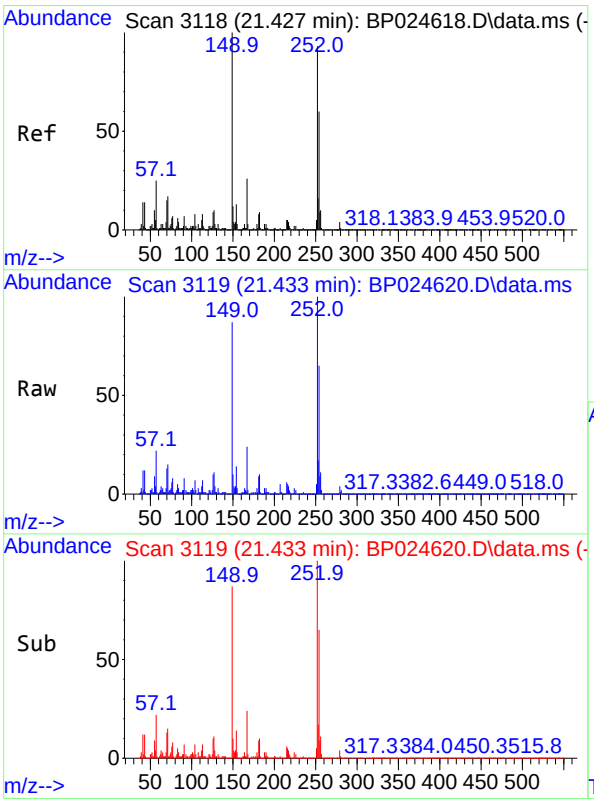
#81
Benzo(a)anthracene
Concen: 60.93 ng
RT: 21.504 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 2778689

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	20.0	15.5	23.3

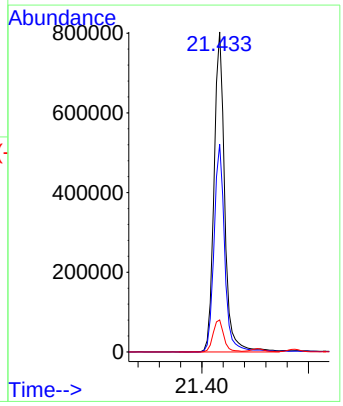


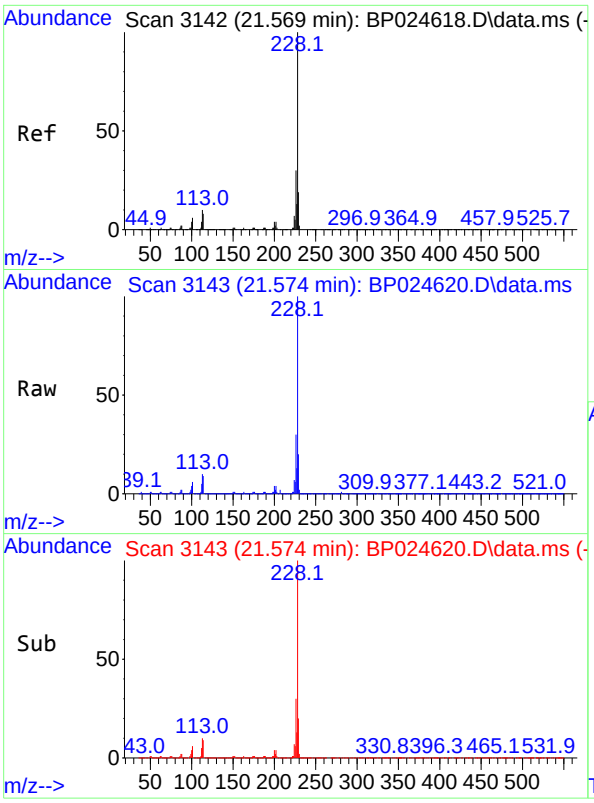


#82
3,3'-Dichlorobenzidine
Concen: 65.77 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 1114122

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	10.0	7.7	11.5



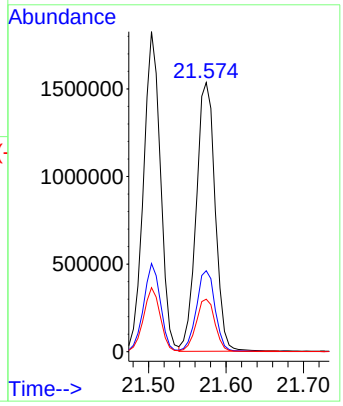


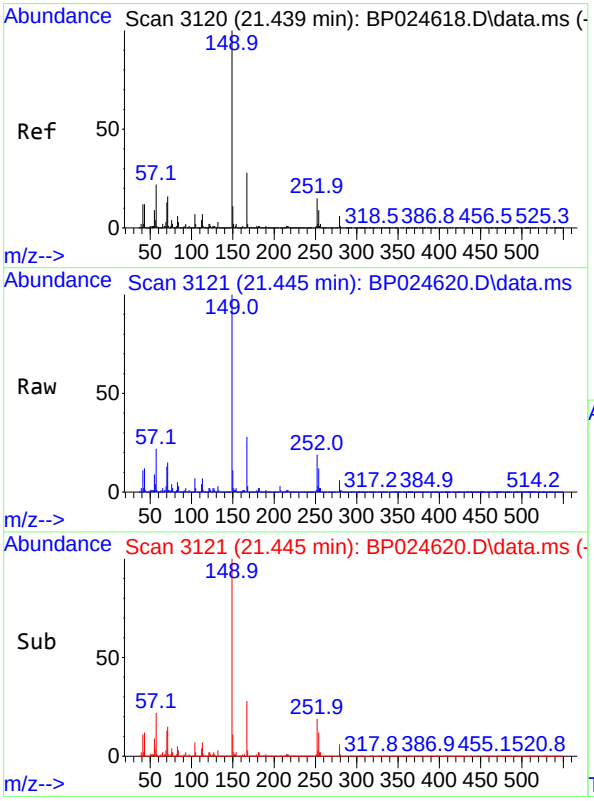
#83
Chrysene
Concen: 59.88 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 2588513

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.5	15.5	23.3

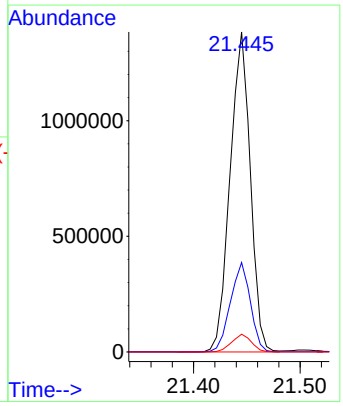


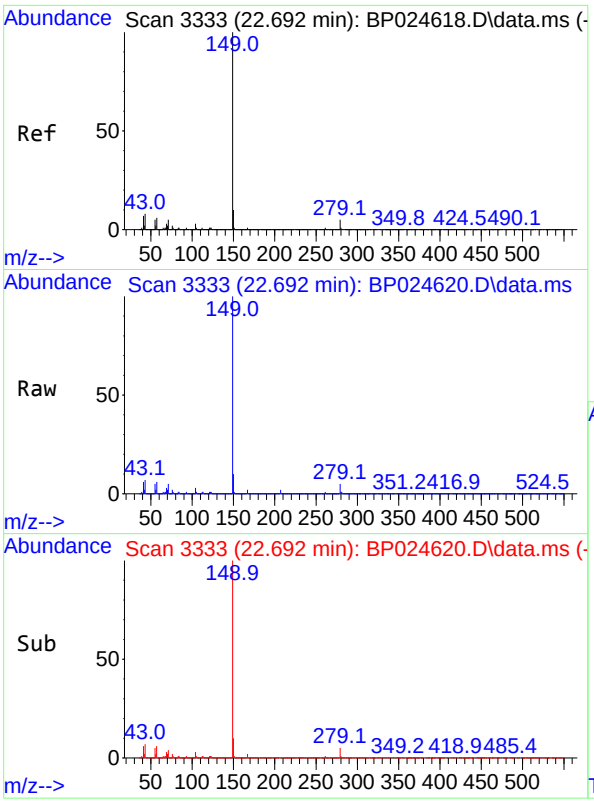


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.05 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1822019

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	5.6	4.6	6.8



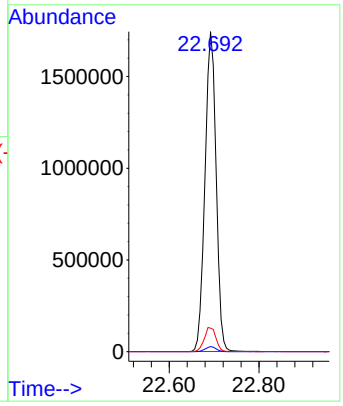


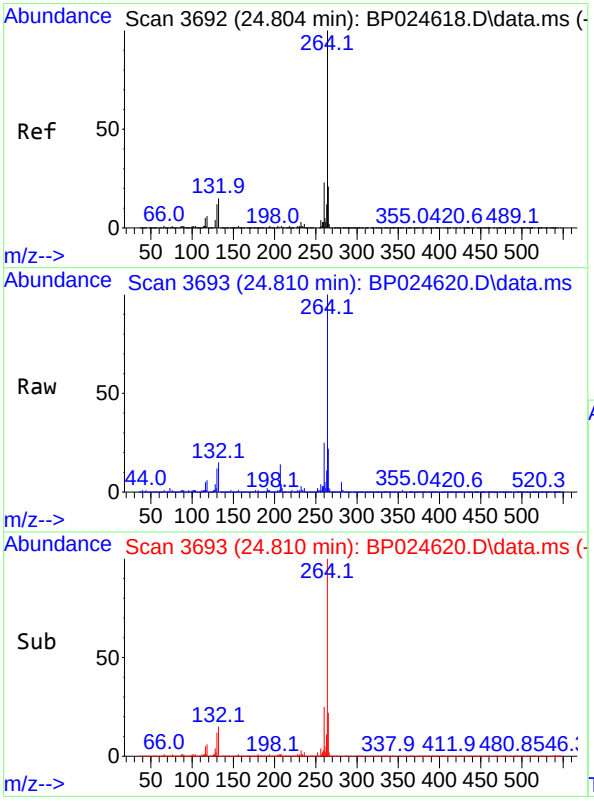
#85
Di-n-octyl phthalate
Concen: 64.47 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 2998832

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.3	9.5

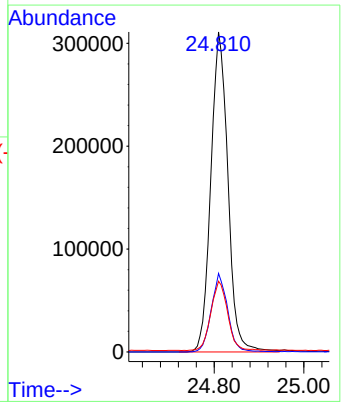


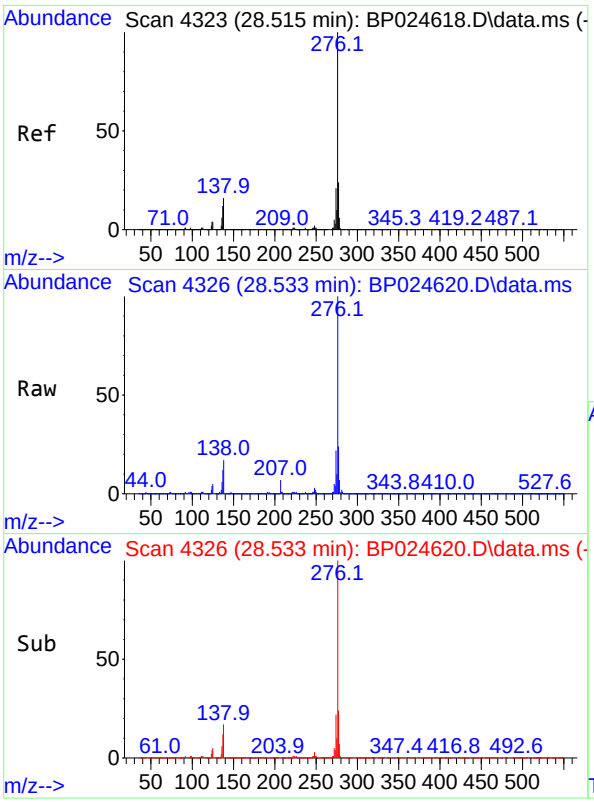


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:264 Resp: 822943

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.1	17.0	25.6



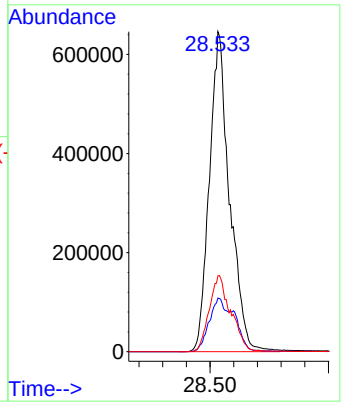


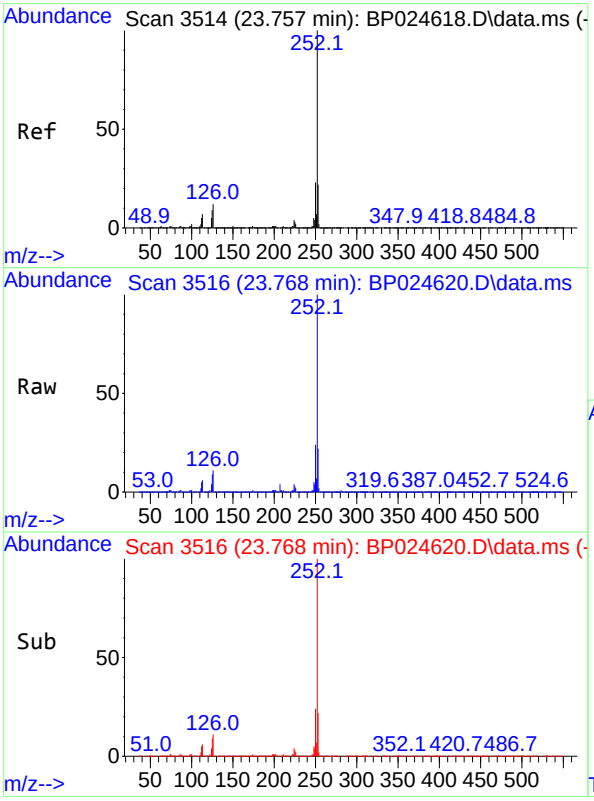
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.64 ng
RT: 28.533 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 3824922

Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.2	16.8
277	25.5	15.7	23.5#

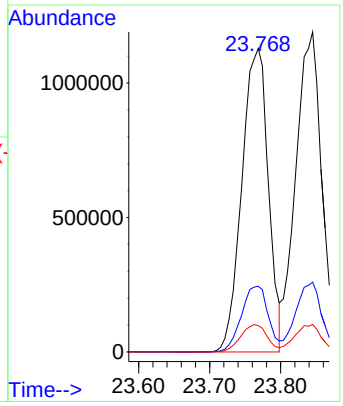


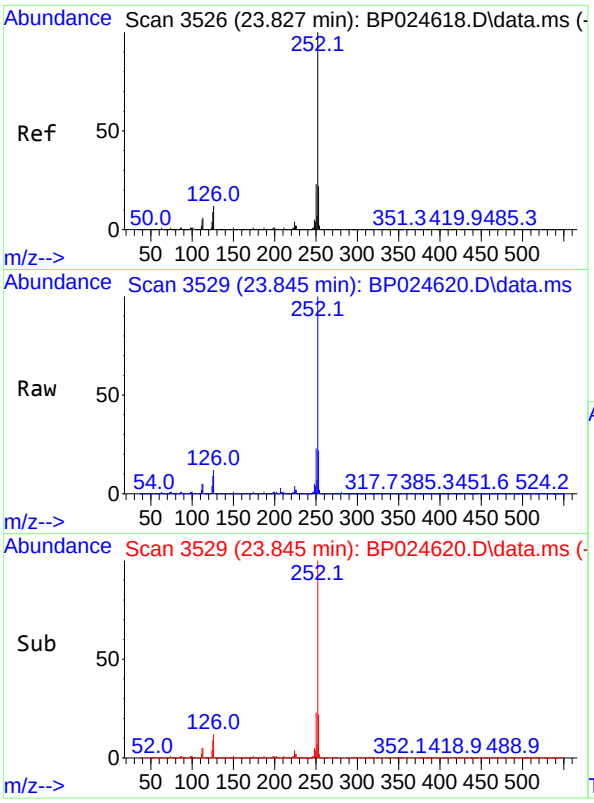


#88
Benzo(b)fluoranthene
Concen: 62.04 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2922103

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.7	7.5	11.3



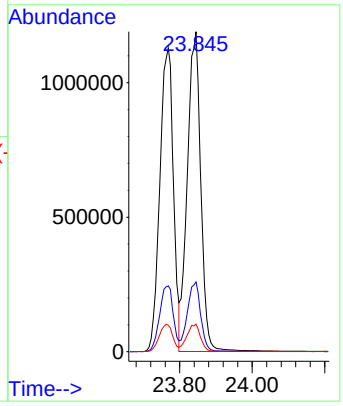


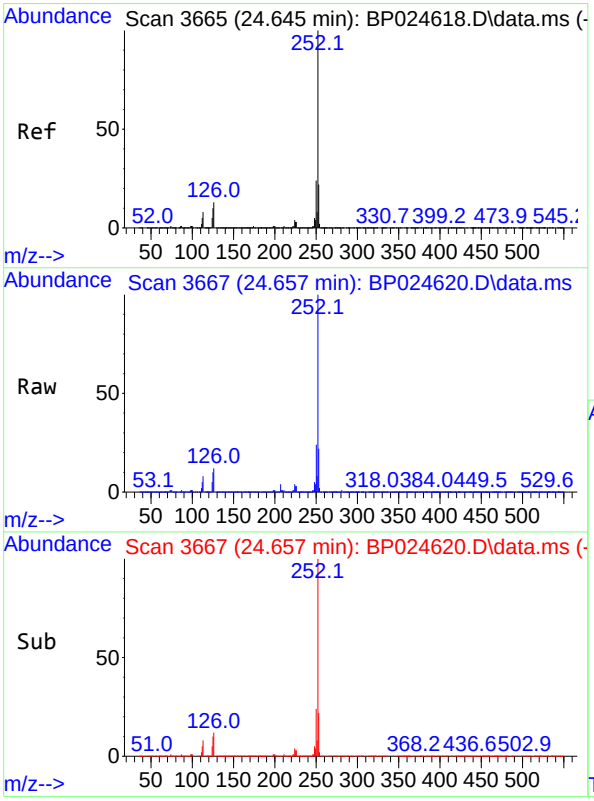
#89
Benzo(k)fluoranthene
Concen: 62.95 ng
RT: 23.845 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 3055252

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.6	7.0	10.4

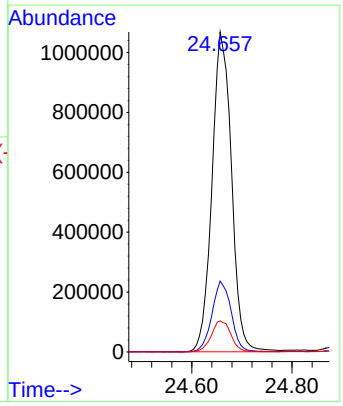


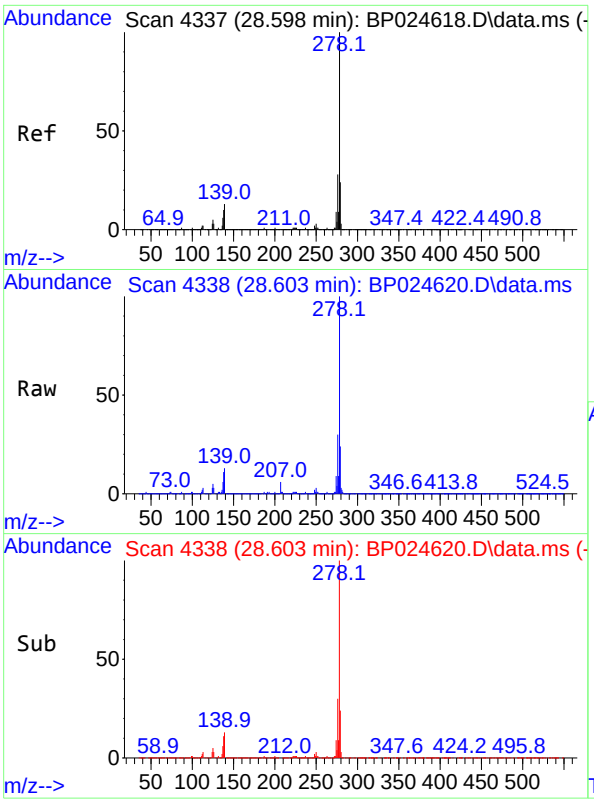


#90
Benzo(a)pyrene
Concen: 63.69 ng
RT: 24.657 min Scan# 3667
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2881508

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	8.1	12.1



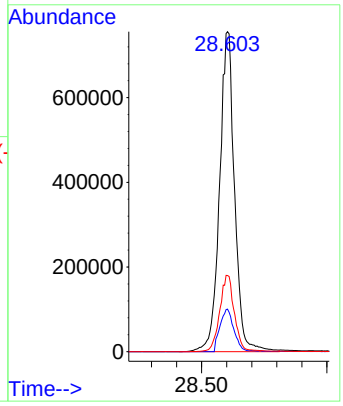


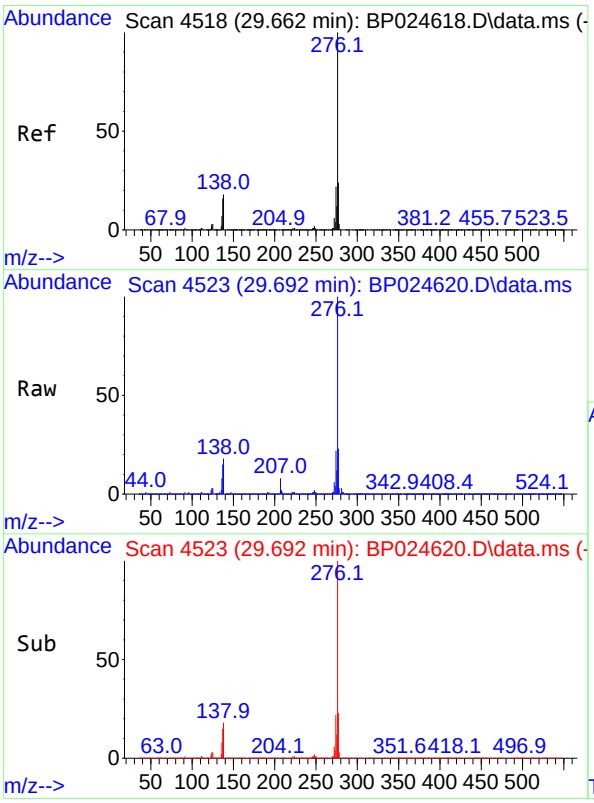
#91
Dibenzo(a,h)anthracene
Concen: 64.20 ng
RT: 28.603 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 3137905

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.2	15.4
279	23.8	19.0	28.4

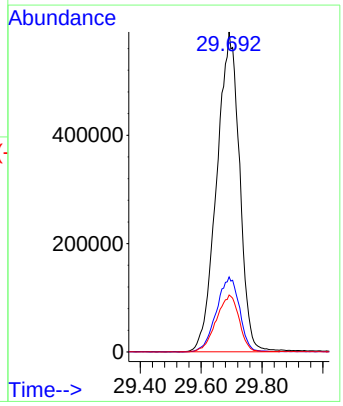




#92
Benzo(g,h,i)perylene
Concen: 63.07 ng
RT: 29.692 min Scan# 4523
Delta R.T. 0.029 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:276 Resp: 3065416

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	17.8	14.4	21.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	134481	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	584325	20.00	ng		0.00
39) Acenaphthene-d10	14.298	164	373575	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	713479	20.00	ng		0.00
76) Chrysene-d12	21.516	240	765954	20.00	ng		0.00
86) Perylene-d12	24.804	264	877352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1283582	163.25	ng		0.00
7) Phenol-d6	6.858	99	1670035	166.42	ng		0.00
23) Nitrobenzene-d5	8.822	82	1840183	159.12	ng		0.01
42) 2,4,6-Tribromophenol	15.828	330	1032638	163.05	ng		0.02
45) 2-Fluorobiphenyl	12.910	172	4438179	155.65	ng		0.00
79) Terphenyl-d14	19.816	244	7152255	160.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	275790	74.70	ng		99
3) Pyridine	3.622	79	679364	82.98	ng		98
4) n-Nitrosodimethylamine	3.534	42	289012	79.96	ng		100
6) Aniline	7.005	93	1075238	82.99	ng		100
8) 2-Chlorophenol	7.240	128	740005	82.91	ng		99
9) Benzaldehyde	6.822	77	412028	63.54	ng		100
10) Phenol	6.887	94	859122	82.95	ng		100
11) bis(2-Chloroethyl)ether	7.099	93	670572	78.79	ng		100
12) 1,3-Dichlorobenzene	7.552	146	795953	77.51	ng		100
13) 1,4-Dichlorobenzene	7.699	146	802182	77.67	ng		98
14) 1,2-Dichlorobenzene	8.010	146	779316	77.43	ng		99
15) Benzyl Alcohol	7.910	79	664684	87.16	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	782240	76.75	ng		98
17) 2-Methylphenol	8.110	107	620901	83.58	ng		99
18) Hexachloroethane	8.728	117	306812	77.52	ng		97
19) n-Nitroso-di-n-propyla...	8.469	70	551845	79.50	ng		98
20) 3+4-Methylphenols	8.440	107	852078	84.32	ng		99
22) Acetophenone	8.481	105	1147610	78.62	ng	#	99
24) Nitrobenzene	8.857	77	804153	79.02	ng		98
25) Isophorone	9.381	82	1593235	79.42	ng		100
26) 2-Nitrophenol	9.557	139	442185	88.67	ng		98
27) 2,4-Dimethylphenol	9.628	122	722439	82.17	ng		100
28) bis(2-Chloroethoxy)met...	9.857	93	946615	78.98	ng		99
29) 2,4-Dichlorophenol	10.099	162	721701	84.70	ng		97
30) 1,2,4-Trichlorobenzene	10.299	180	755529	78.69	ng		98
31) Naphthalene	10.487	128	2354789	77.77	ng		100
32) Benzoic acid	9.828	122	525308	80.15	ng		99
33) 4-Chloroaniline	10.599	127	1033865	84.61	ng		99
34) Hexachlorobutadiene	10.769	225	481140	77.35	ng		97
35) Caprolactam	11.416	113	257252	83.50	ng		96
36) 4-Chloro-3-methylphenol	11.734	107	838983	80.74	ng		99
37) 2-Methylnaphthalene	12.093	142	1529445	78.01	ng		100
38) 1-Methylnaphthalene	12.322	142	1613775	76.92	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	875750	80.73	ng		100
41) Hexachlorocyclopentadiene	12.446	237	628436	95.54	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	601332	85.58	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	657399	84.05	ng	97
46) 1,1'-Biphenyl	13.122	154	2175624	78.79	ng	100
47) 2-Chloronaphthalene	13.163	162	1662979	78.99	ng	99
48) 2-Nitroaniline	13.375	65	512458	82.22	ng	97
49) Acenaphthylene	14.016	152	2773742	78.73	ng	99
50) Dimethylphthalate	13.763	163	2182359	76.64	ng	100
51) 2,6-Dinitrotoluene	13.887	165	476606	79.26	ng	97
52) Acenaphthene	14.363	154	1572103	77.62	ng	99
53) 3-Nitroaniline	14.222	138	522849	85.15	ng	100
54) 2,4-Dinitrophenol	14.428	184	300458	79.29	ng	98
55) Dibenzofuran	14.704	168	2477374	76.68	ng	99
56) 4-Nitrophenol	14.557	139	409954	77.27	ng	98
57) 2,4-Dinitrotoluene	14.681	165	678287	80.01	ng	97
58) Fluorene	15.363	166	2003709	76.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	588947	81.17	ng	98
60) Diethylphthalate	15.145	149	2193488	76.22	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	997863	75.96	ng	99
62) 4-Nitroaniline	15.404	138	509582	85.24	ng	99
63) Azobenzene	15.663	77	1858146	75.47	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	401011	87.01	ng	98
66) n-Nitrosodiphenylamine	15.587	169	1711679	78.10	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	684619	81.43	ng	98
68) Hexachlorobenzene	16.398	284	856547	80.18	ng	99
69) Atrazine	16.575	200	645877	80.42	ng	99
70) Pentachlorophenol	16.751	266	548492	91.41	ng	99
71) Phenanthrene	17.145	178	3091665	77.95	ng	99
72) Anthracene	17.239	178	3161669	79.23	ng	99
73) Carbazole	17.522	167	2892236	80.08	ng	99
74) Di-n-butylphthalate	18.110	149	3747927	80.68	ng	99
75) Fluoranthene	19.228	202	3629085	78.27	ng	99
77) Benzidine	19.422	184	1678507	79.83	ng	100
78) Pyrene	19.604	202	3747276	81.65	ng	99
80) Butylbenzylphthalate	20.545	149	1741954	85.34	ng	98
81) Benzo(a)anthracene	21.498	228	3829787	79.63	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	1575691	88.21	ng	100
83) Chrysene	21.569	228	3615014	79.29	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2577445	85.91	ng	99
85) Di-n-octyl phthalate	22.686	149	4341653	88.50	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	5243999m	81.85	ng	
88) Benzo(b)fluoranthene	23.768	252	4173798	83.11	ng	99
89) Benzo(k)fluoranthene	23.833	252	4160268	80.40	ng	100
90) Benzo(a)pyrene	24.645	252	3988360	82.69	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	4338518	83.26	ng	99
92) Benzo(g,h,i)perylene	29.680	276	4253459	82.08	ng	99

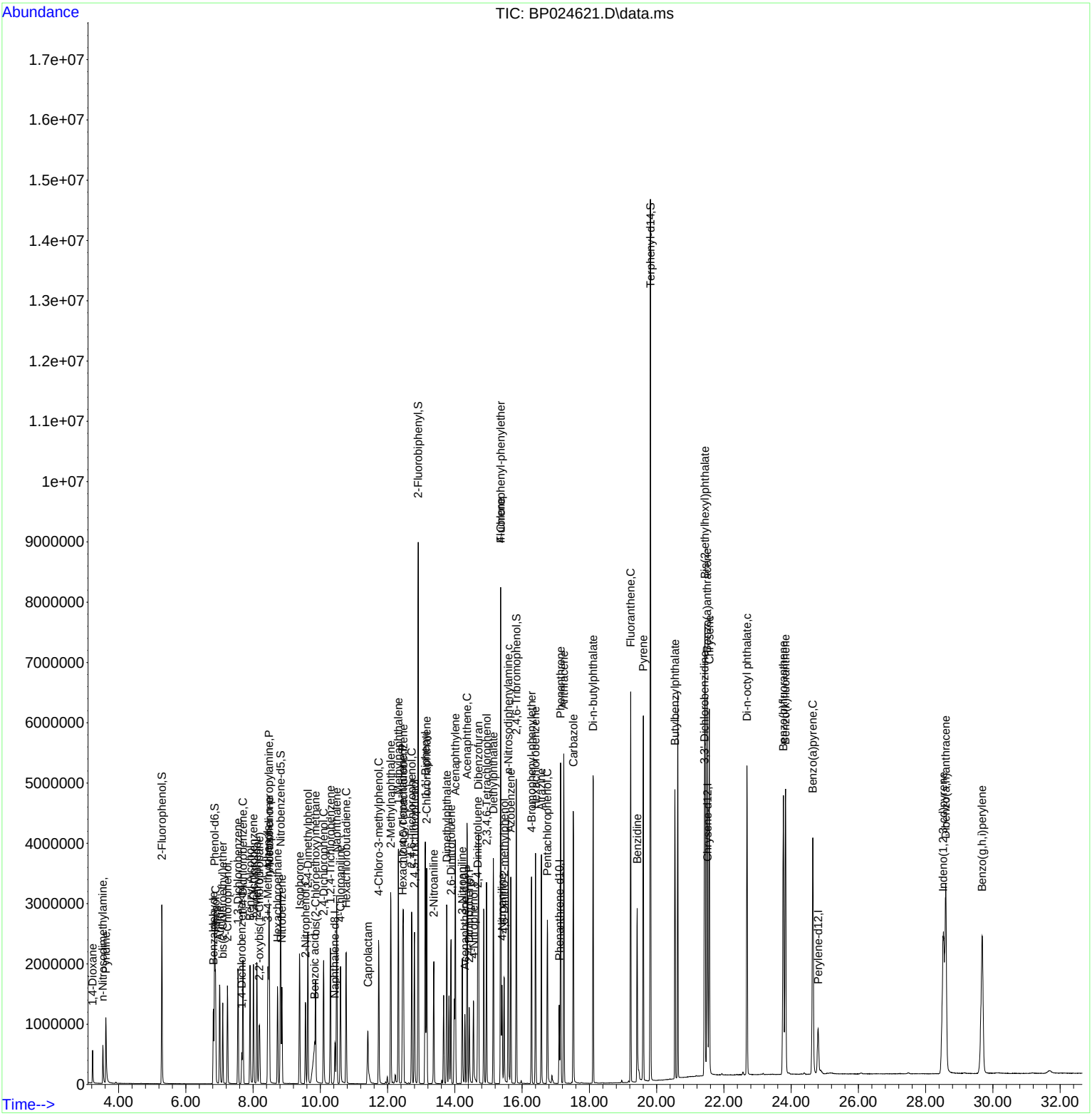
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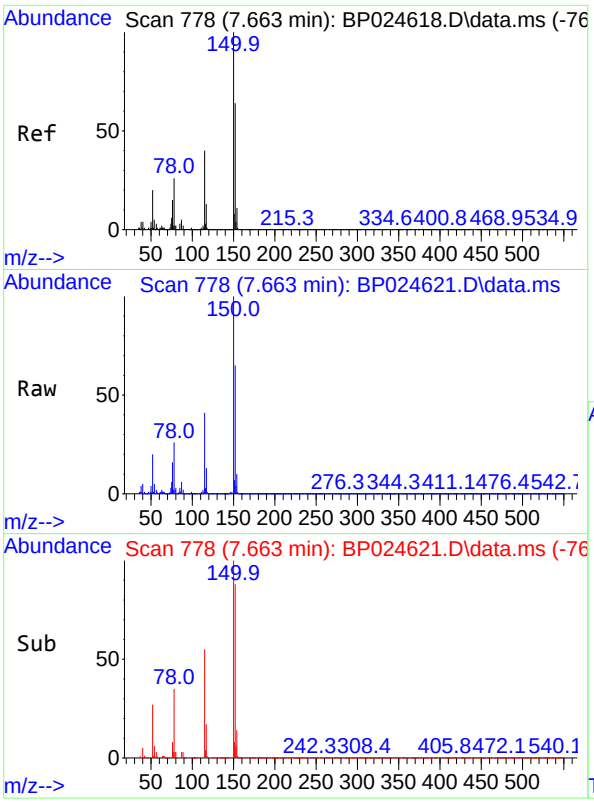
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



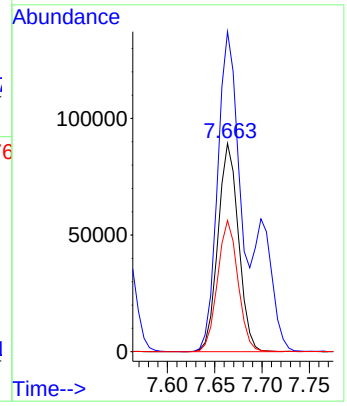


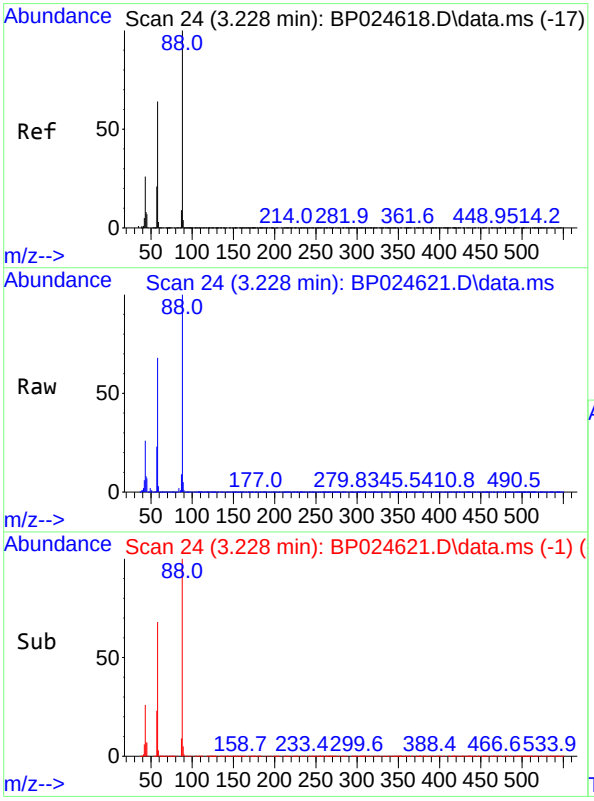
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 134481

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.9	188.9
115	63.0	50.1	75.1

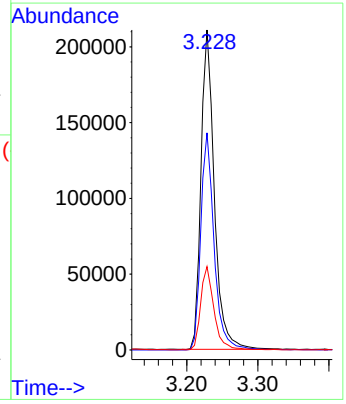


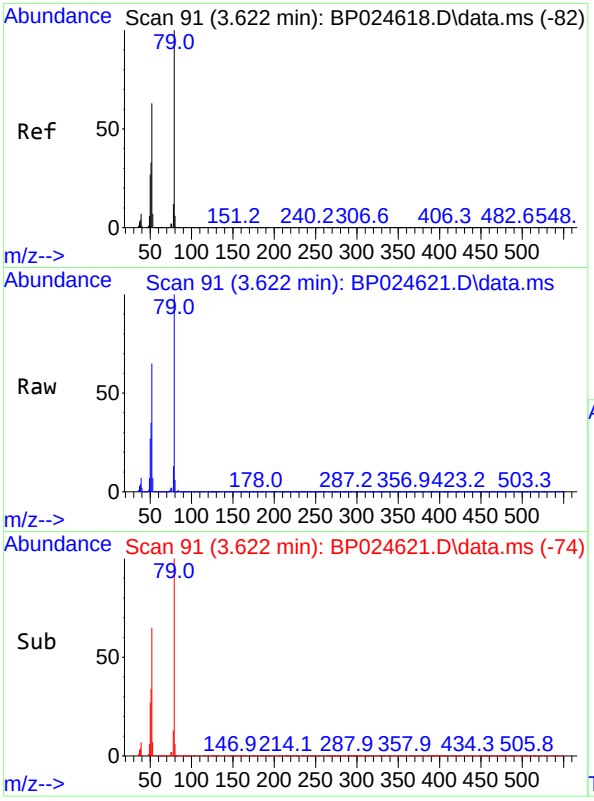


#2
1,4-Dioxane
Concen: 74.70 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 88 Resp: 275790

Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.0	81.0
43	26.1	21.4	32.0



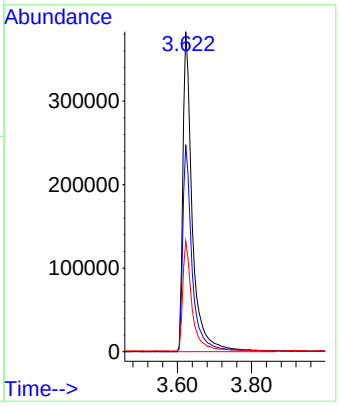


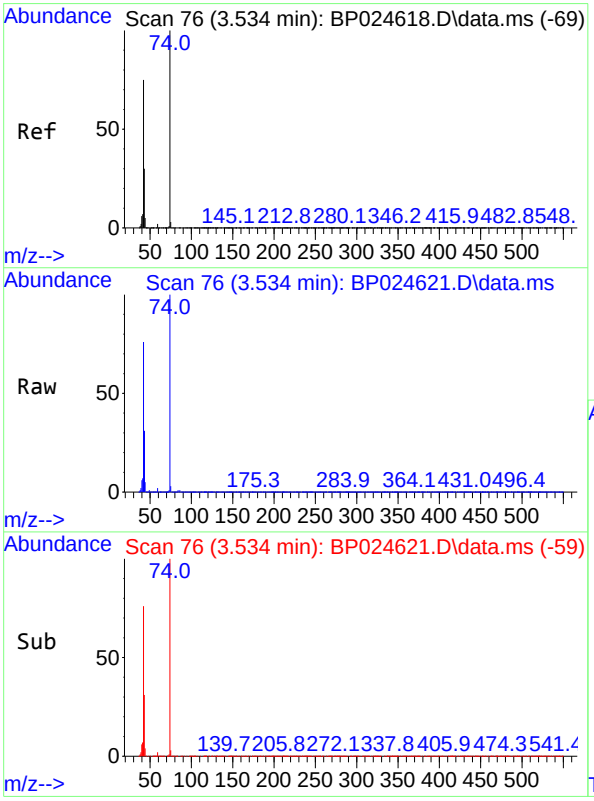
#3
Pyridine
Concen: 82.98 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 679364

Ion	Ratio	Lower	Upper
79	100		
52	64.7	50.2	75.2
51	34.6	26.8	40.2

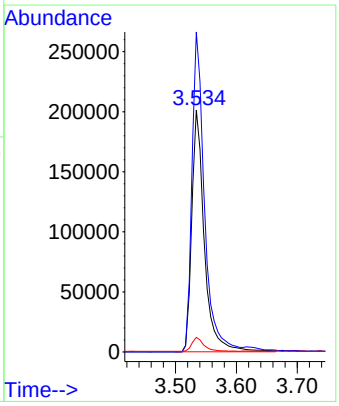


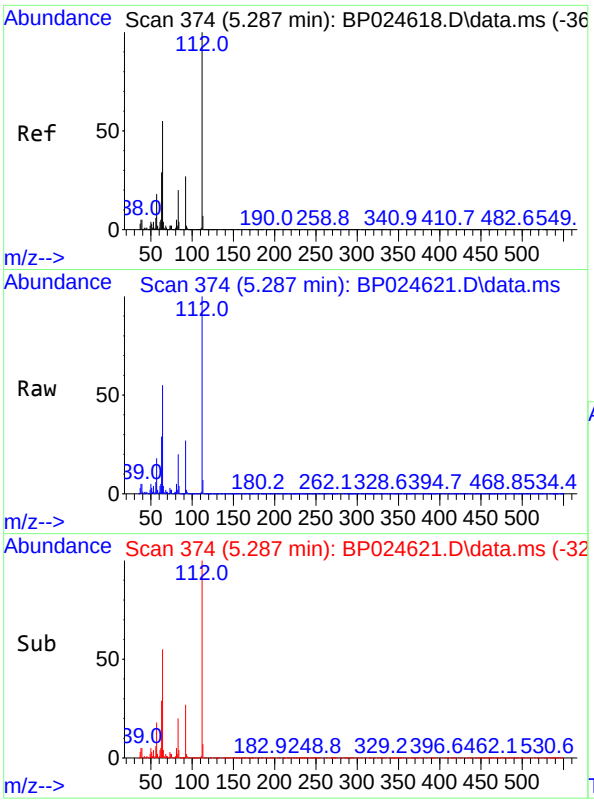


#4
n-Nitrosodimethylamine
Concen: 79.96 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 42 Resp: 289012

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2



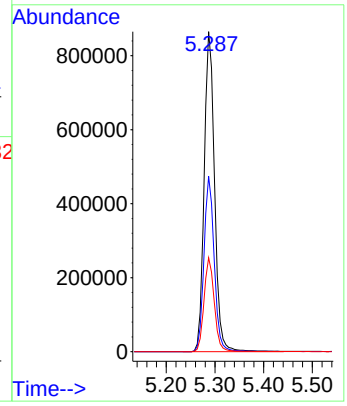


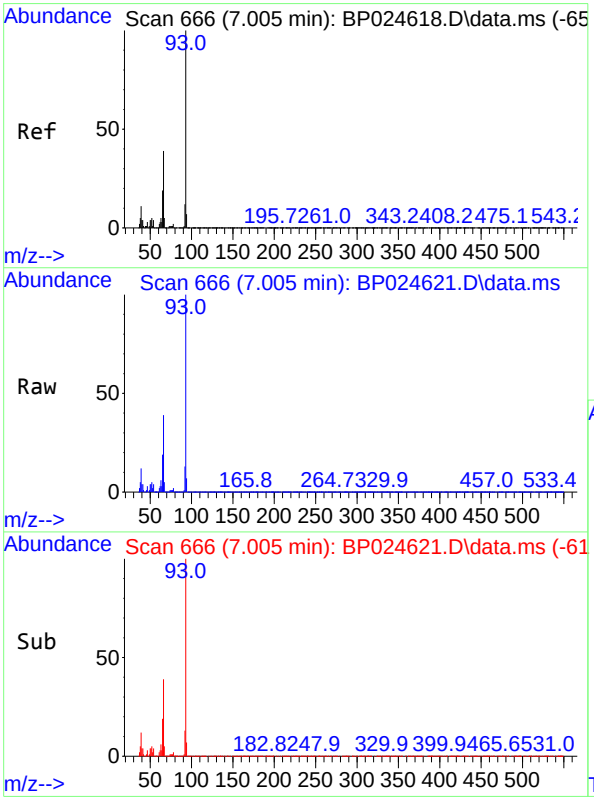
#5
2-Fluorophenol
Concen: 163.25 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1283582

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	29.4	23.5	35.3

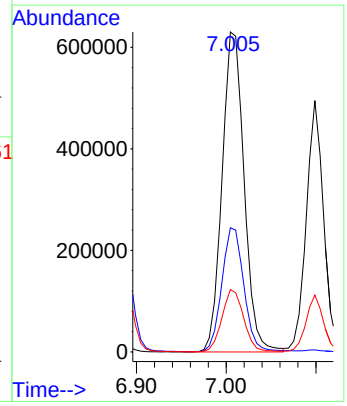


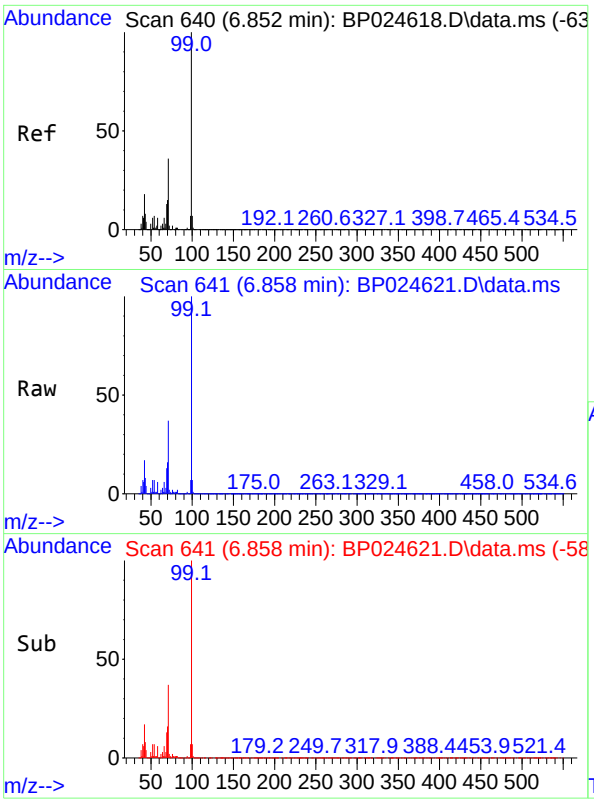


#6
Aniline
Concen: 82.99 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 1075238

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.5	15.5	23.3



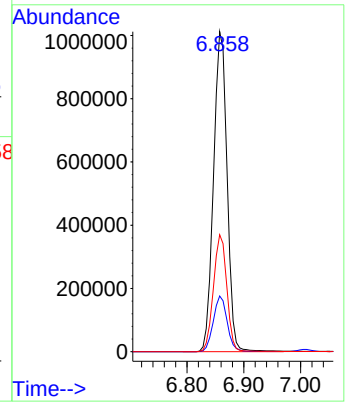


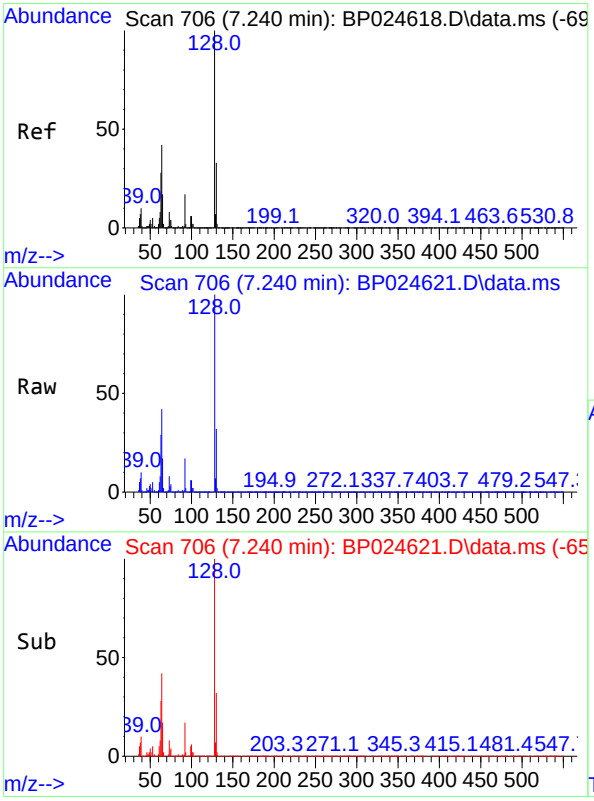
#7
Phenol-d6
Concen: 166.42 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1670035

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	36.6	29.2	43.8

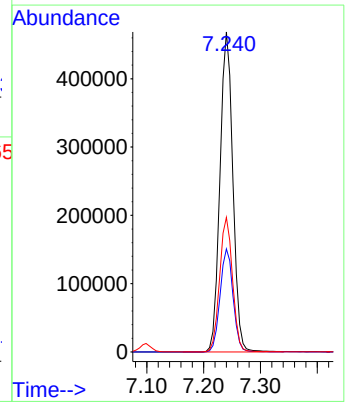


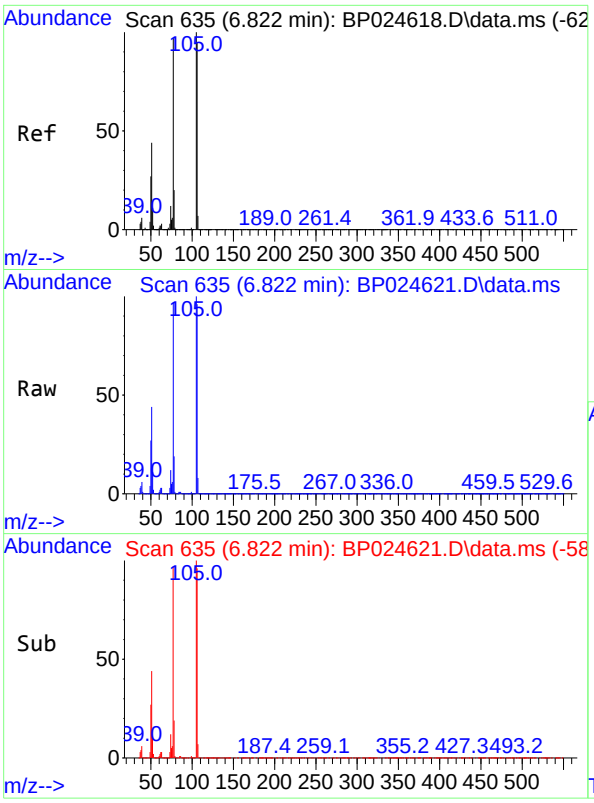


#8
2-Chlorophenol
Concen: 82.91 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:128 Resp: 740005

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	42.1	22.3	62.3



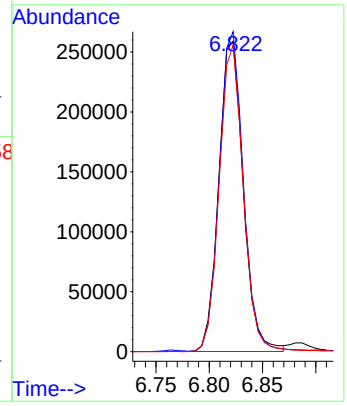


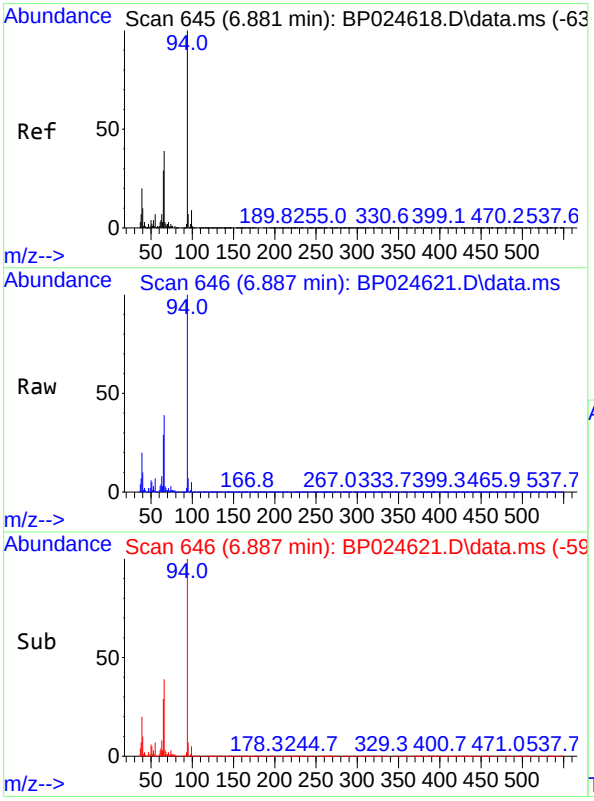
#9
Benzaldehyde
Concen: 63.54 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 412028

Ion	Ratio	Lower	Upper
77	100		
105	103.1	83.3	123.3
106	98.7	78.0	118.0

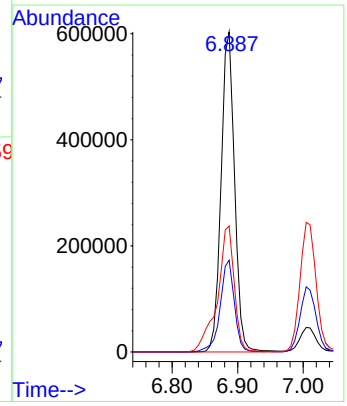


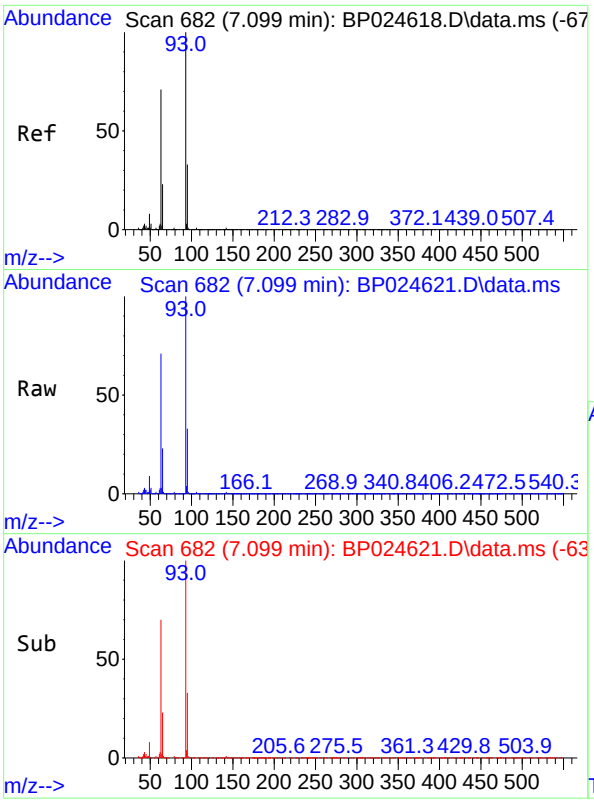


#10
Phenol
Concen: 82.95 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 94 Resp: 859122

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	39.3	19.4	59.4



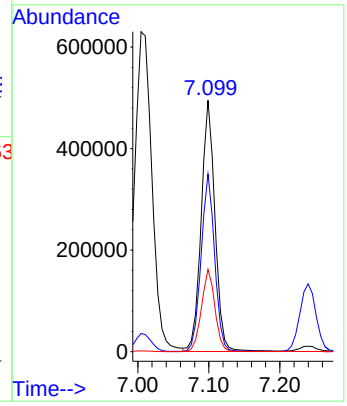


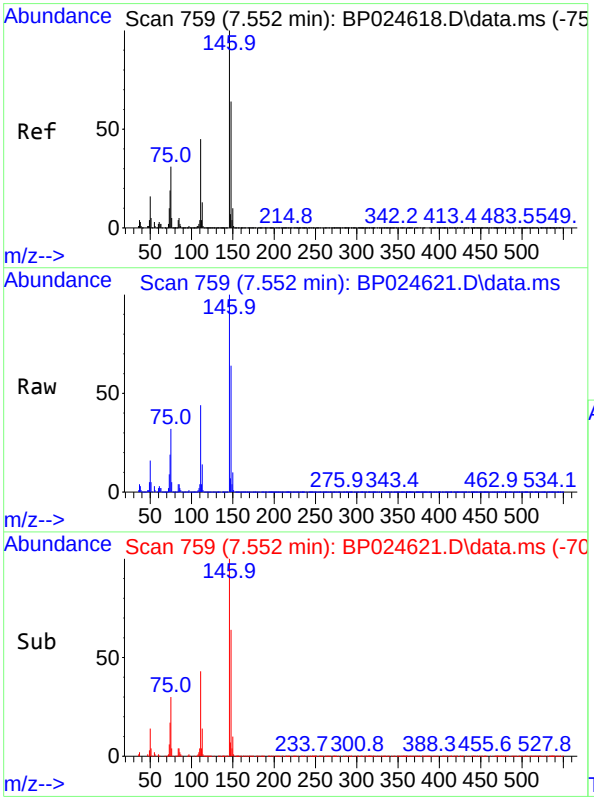
#11
bis(2-Chloroethyl)ether
Concen: 78.79 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 670572

Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.6	90.6
95	32.7	12.9	52.9

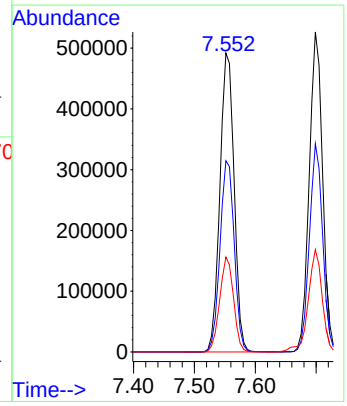


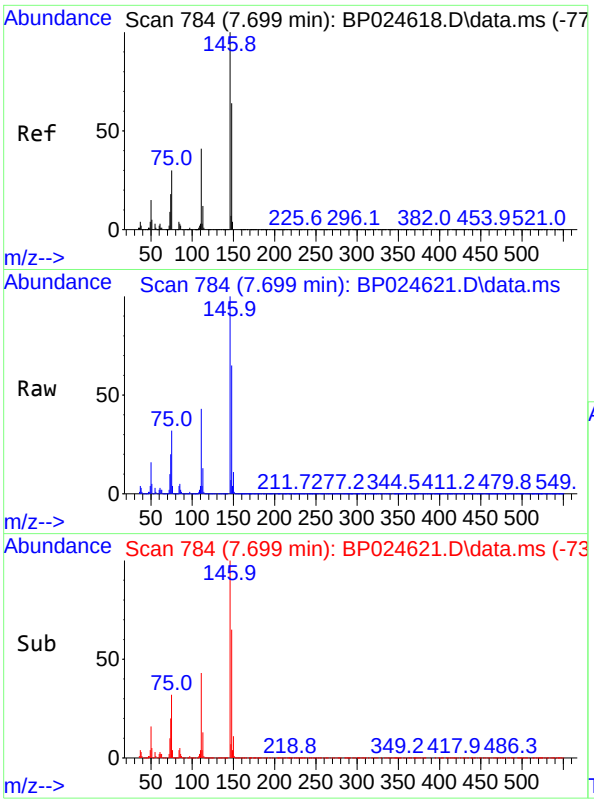


#12
1,3-Dichlorobenzene
Concen: 77.51 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 795953

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	31.8	25.2	37.8



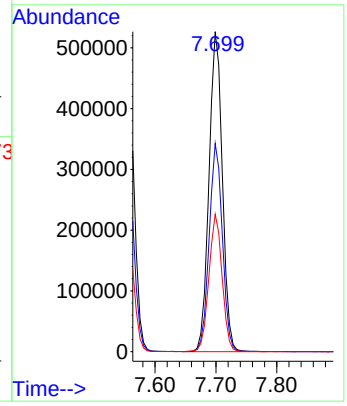


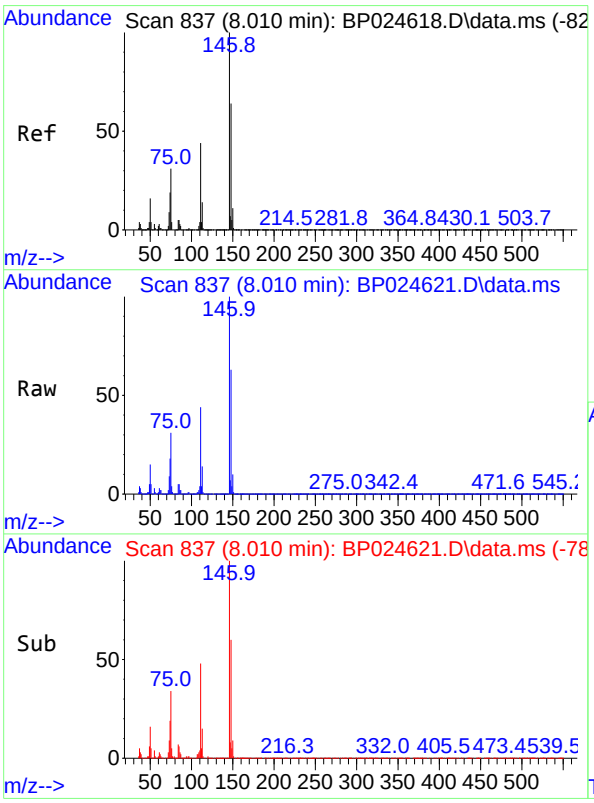
#13
1,4-Dichlorobenzene
Concen: 77.67 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 802182

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	43.0	33.0	49.6

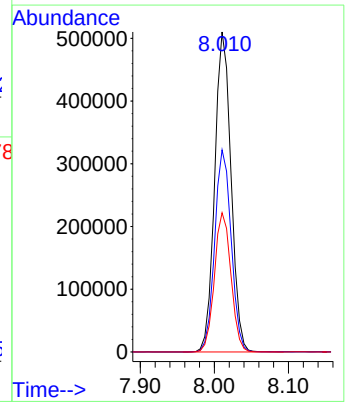


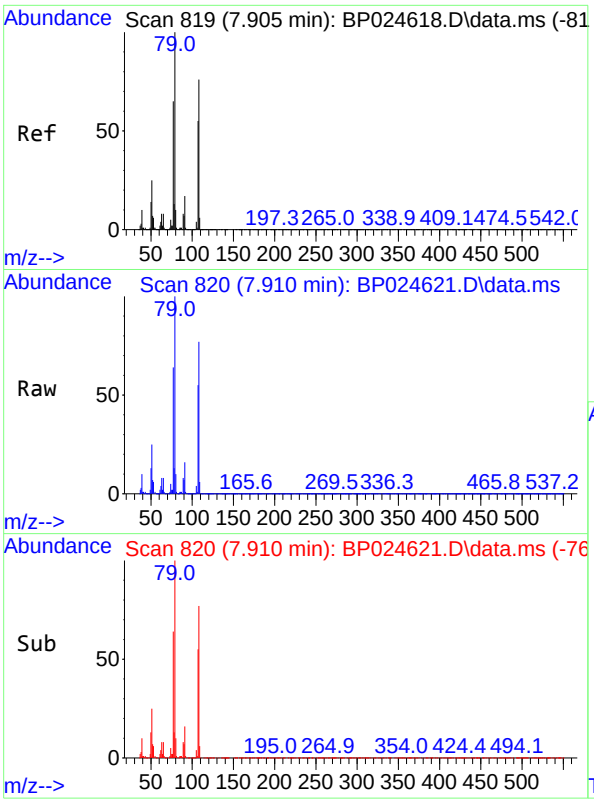


#14
1,2-Dichlorobenzene
Concen: 77.43 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 779316

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.4
111	43.5	35.2	52.8



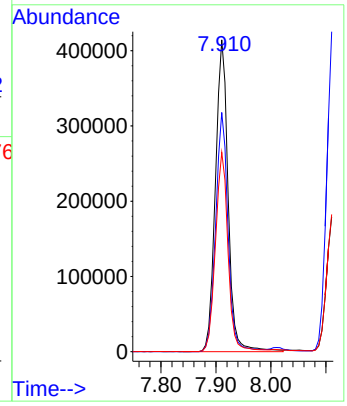


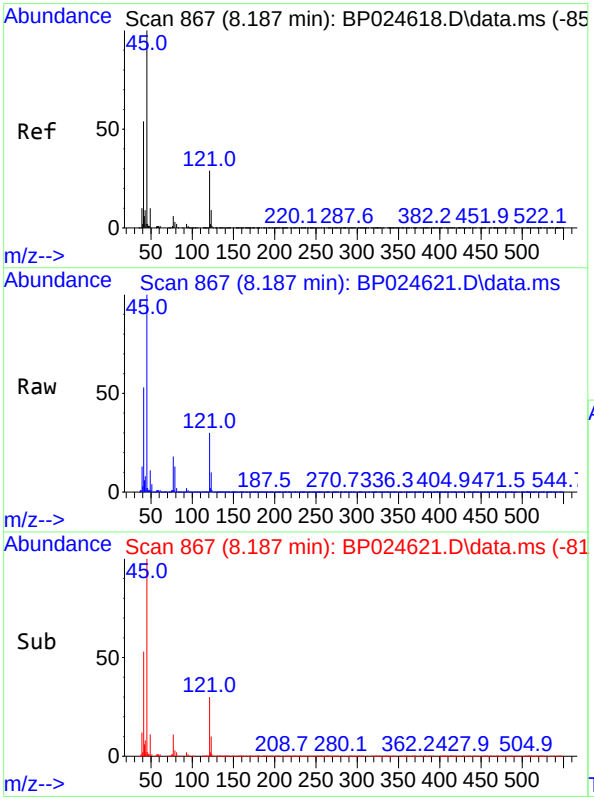
#15
Benzyl Alcohol
Concen: 87.16 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 664684

Ion	Ratio	Lower	Upper
79	100		
108	76.7	60.8	91.2
77	63.9	51.9	77.9

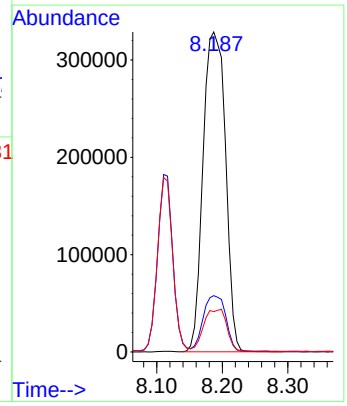


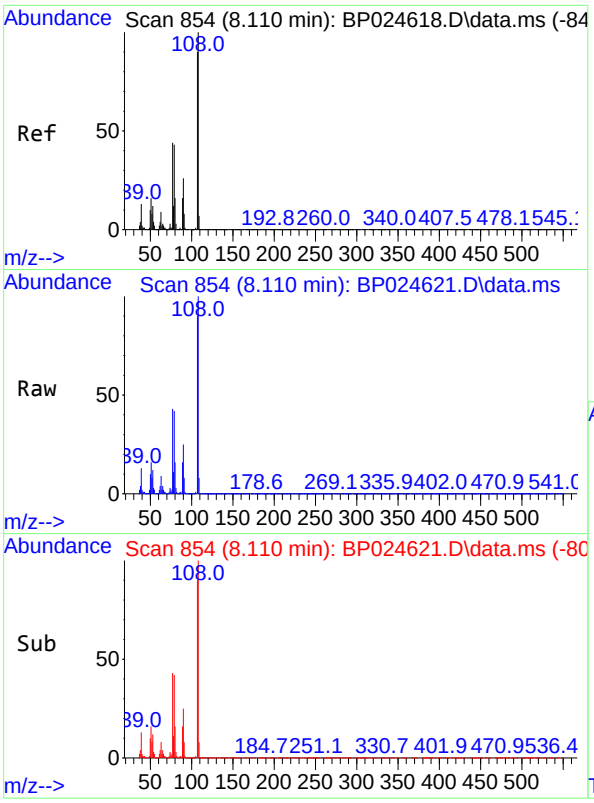


#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.75 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 45 Resp: 782240

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.7
79	12.6	0.0	34.0



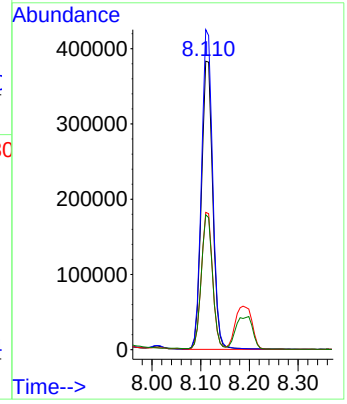


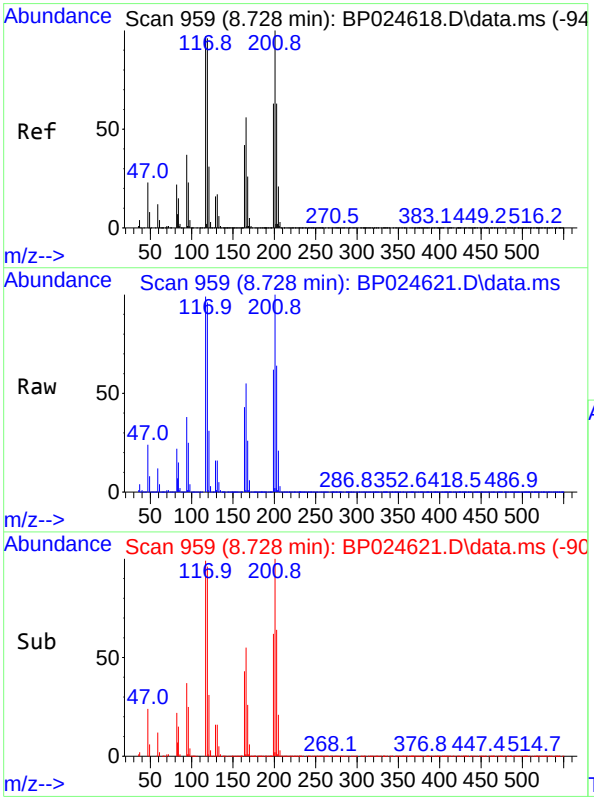
#17
2-Methylphenol
Concen: 83.58 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 620901

Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.9	133.3
77	47.6	39.0	58.6
79	46.7	38.4	57.6

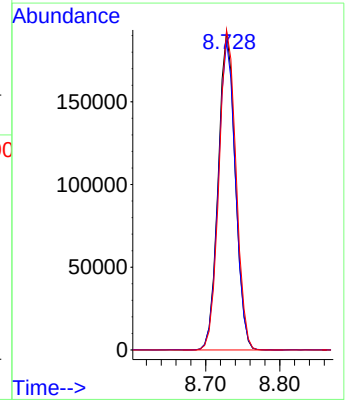


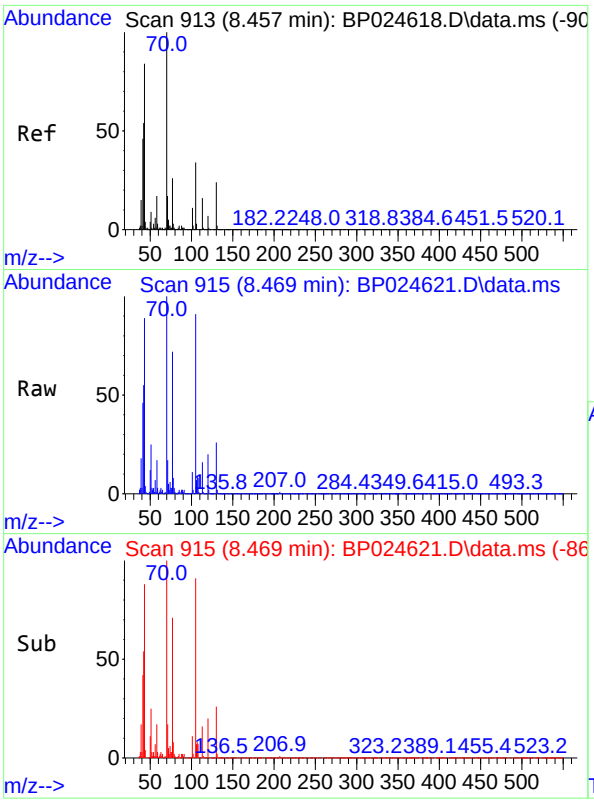


#18
Hexachloroethane
Concen: 77.52 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:117 Resp: 306812

Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.0
201	100.5	82.7	124.1



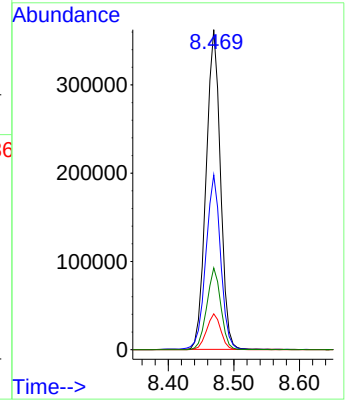


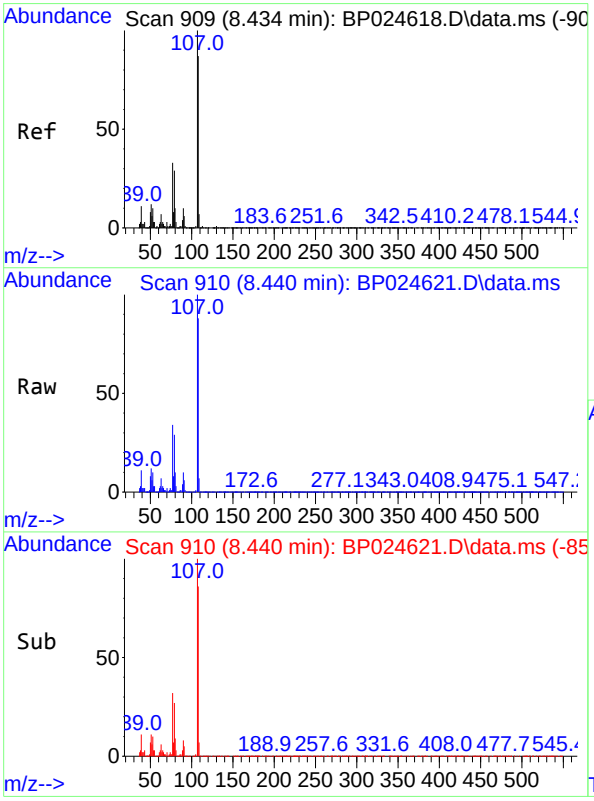
#19
n-Nitroso-di-n-propylamine
Concen: 79.50 ng
RT: 8.469 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 551845

Ion	Ratio	Lower	Upper
70	100		
42	54.6	43.0	64.6
101	11.2	8.7	13.1
130	25.6	19.4	29.0

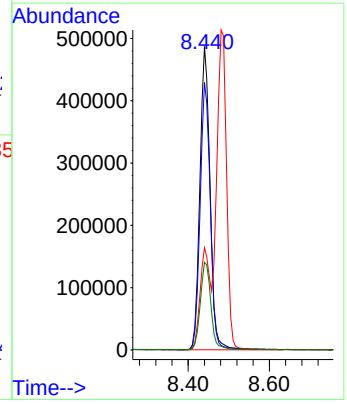


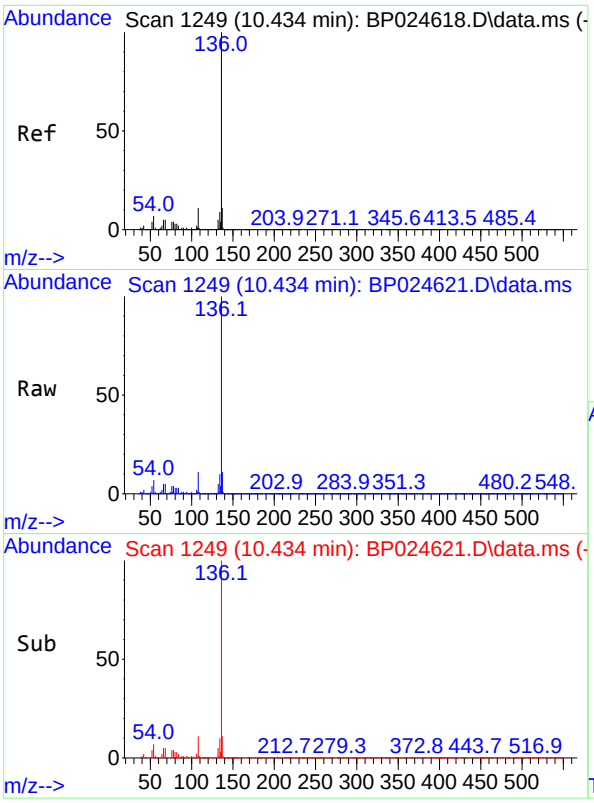


#20
3+4-Methylphenols
Concen: 84.32 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 852078

Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	33.7	13.1	53.1
79	28.8	8.9	48.9



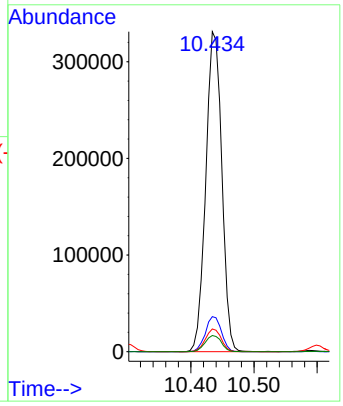


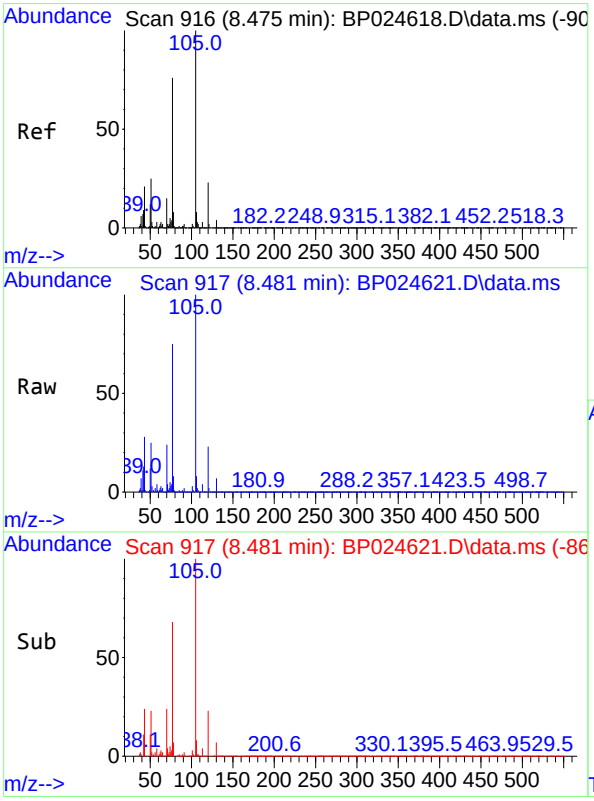
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 584325

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.5	8.3
68	5.1	4.2	6.2

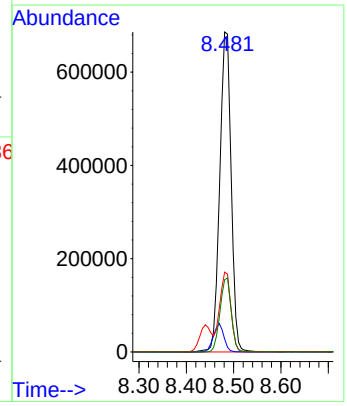


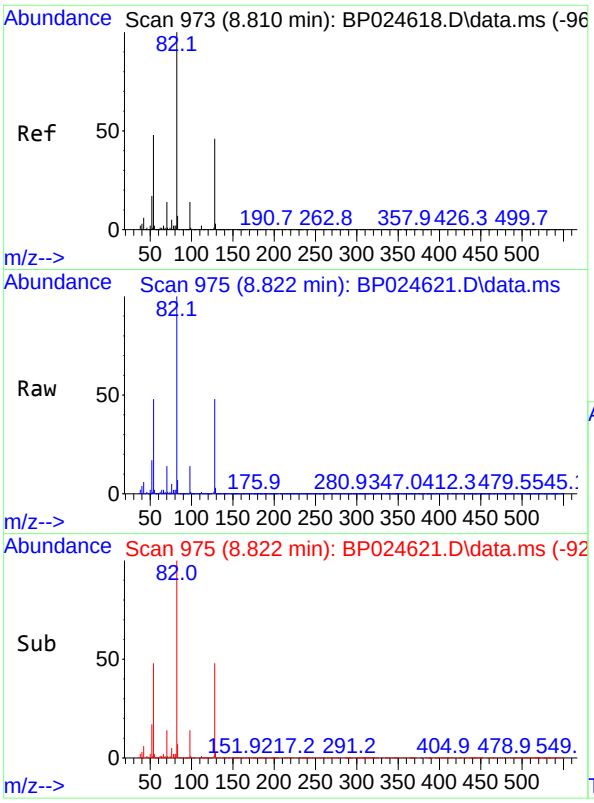


#22
Acetophenone
Concen: 78.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:105 Resp: 1147610

Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.0	3.0#
51	25.0	20.4	30.6
120	22.6	18.1	27.1



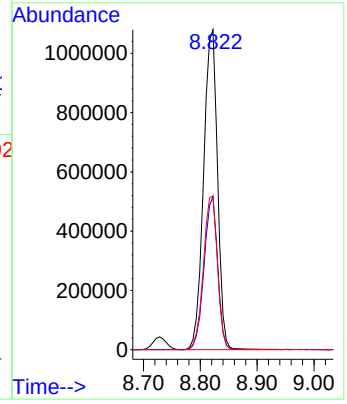


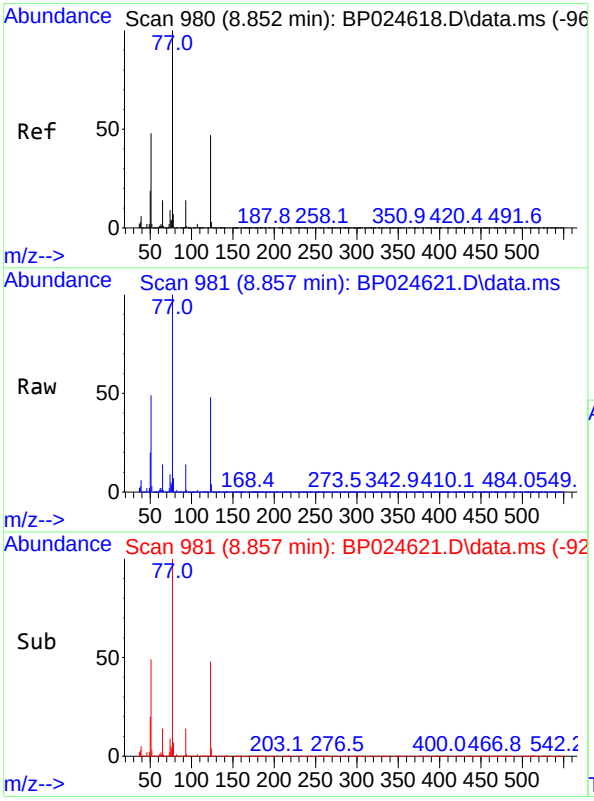
#23
Nitrobenzene-d5
Concen: 159.12 ng
RT: 8.822 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1840183

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.4
54	48.0	38.7	58.1

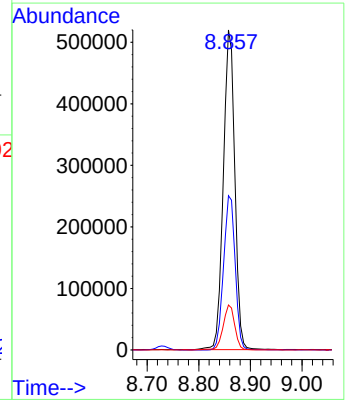


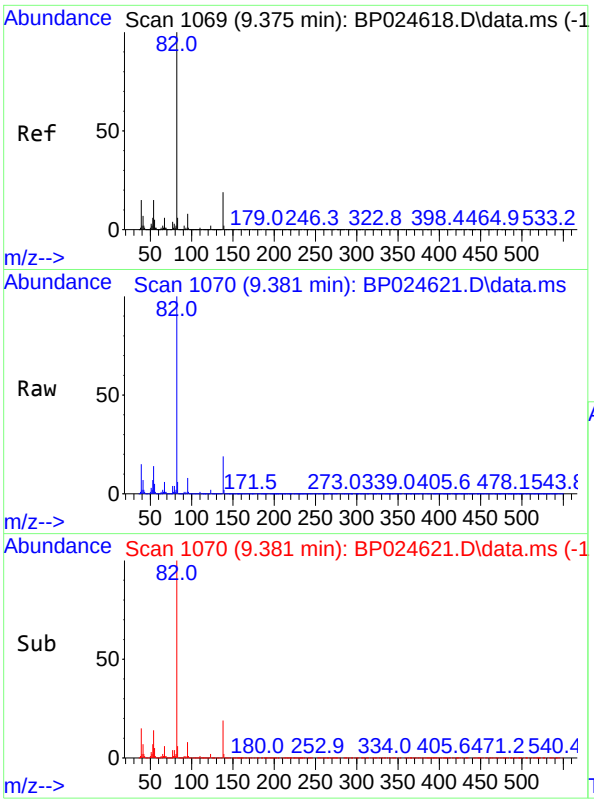


#24
Nitrobenzene
Concen: 79.02 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 77 Resp: 804153

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.4	56.0
65	14.0	11.3	16.9



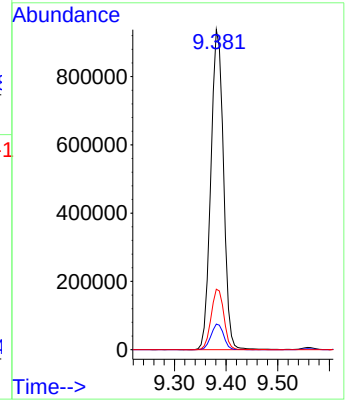


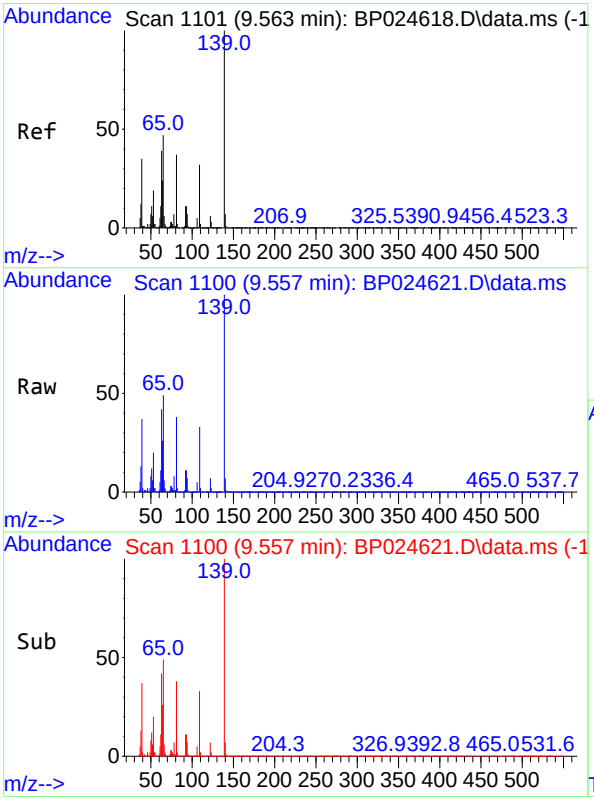
#25
Isophorone
Concen: 79.42 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1593235

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	18.9	15.3	22.9

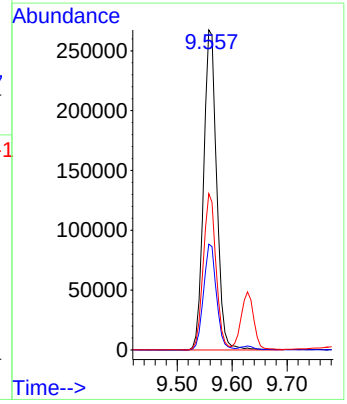


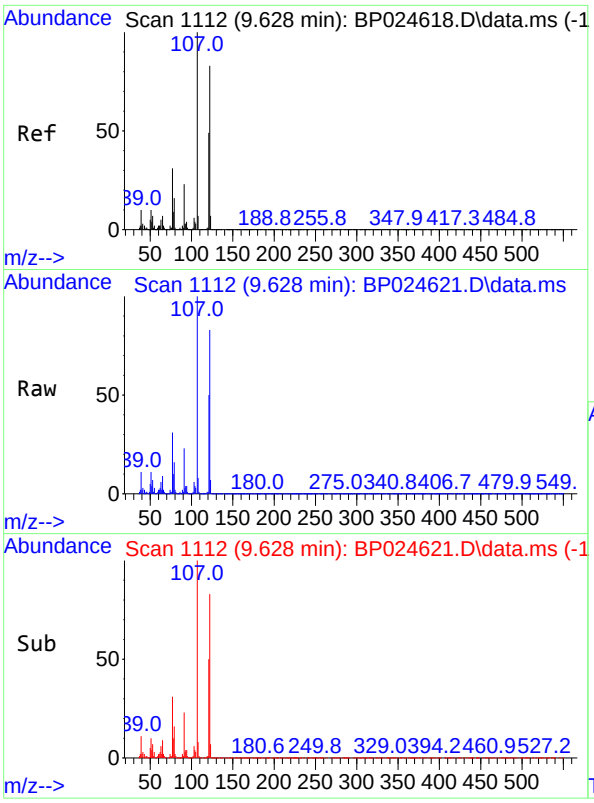


#26
2-Nitrophenol
Concen: 88.67 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 442185

Ion	Ratio	Lower	Upper
139	100		
109	33.1	25.9	38.9
65	48.8	37.9	56.9



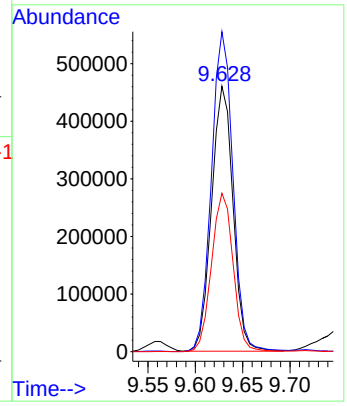


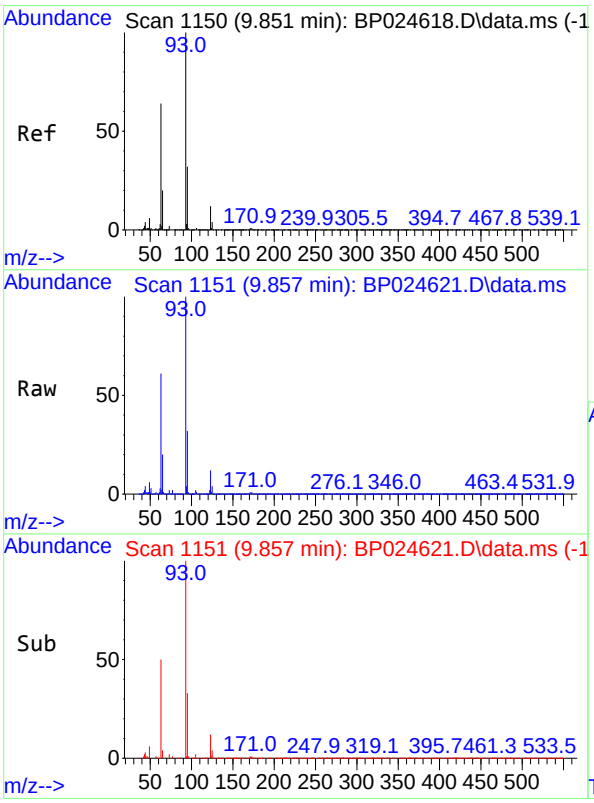
#27
2,4-Dimethylphenol
Concen: 82.17 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 722439

Ion	Ratio	Lower	Upper
122	100		
107	120.6	96.2	144.2
121	59.7	47.6	71.4

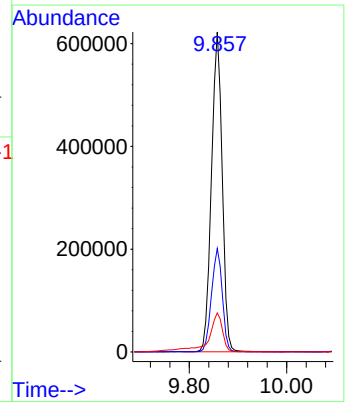


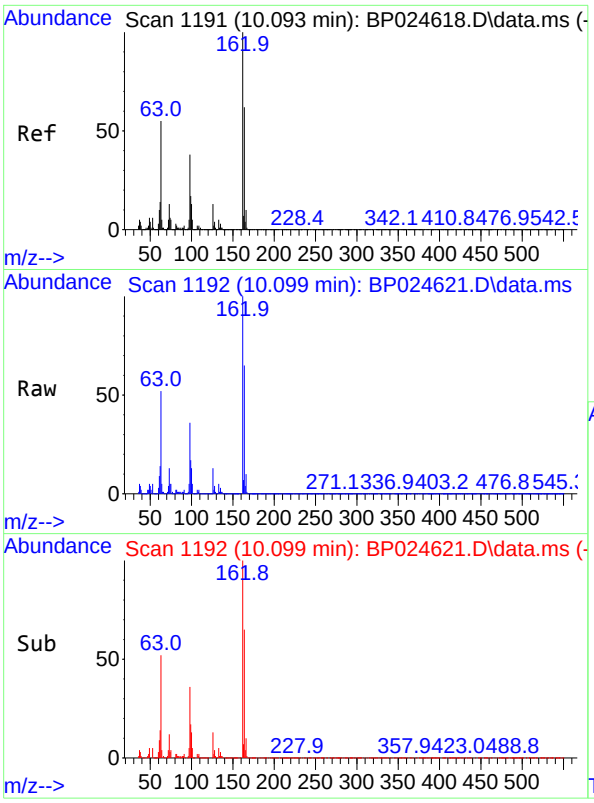


#28
bis(2-Chloroethoxy)methane
Concen: 78.98 ng
RT: 9.857 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 946615

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	12.2	9.7	14.5



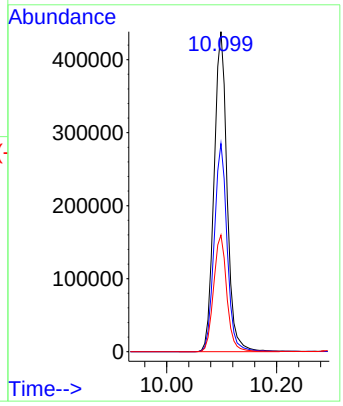


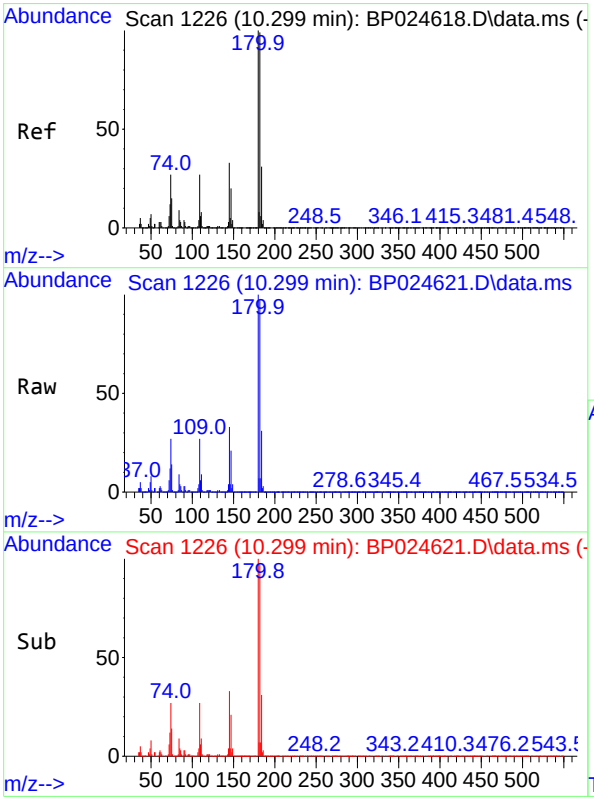
#29
2,4-Dichlorophenol
Concen: 84.70 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 721701

Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.3	82.3
98	36.5	18.4	58.4

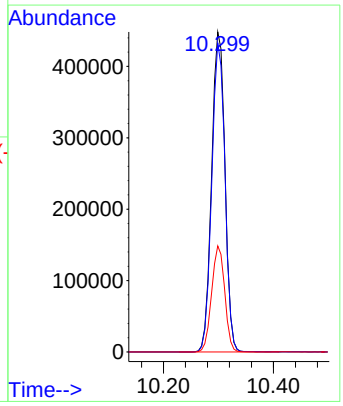


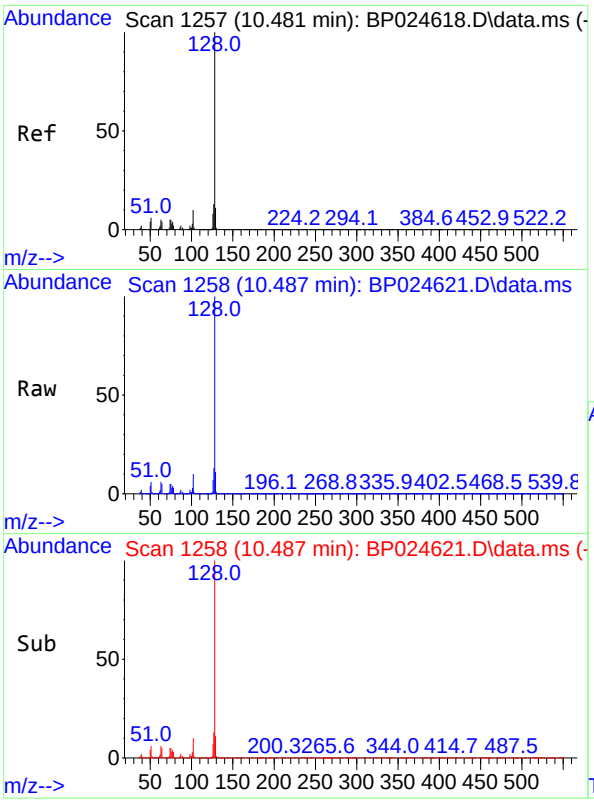


#30
1,2,4-Trichlorobenzene
Concen: 78.69 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:180 Resp: 755529

Ion	Ratio	Lower	Upper
180	100		
182	96.5	79.0	118.4
145	33.1	26.6	39.8



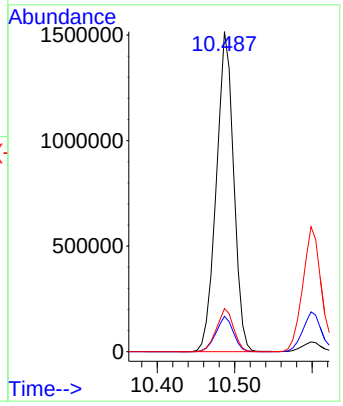


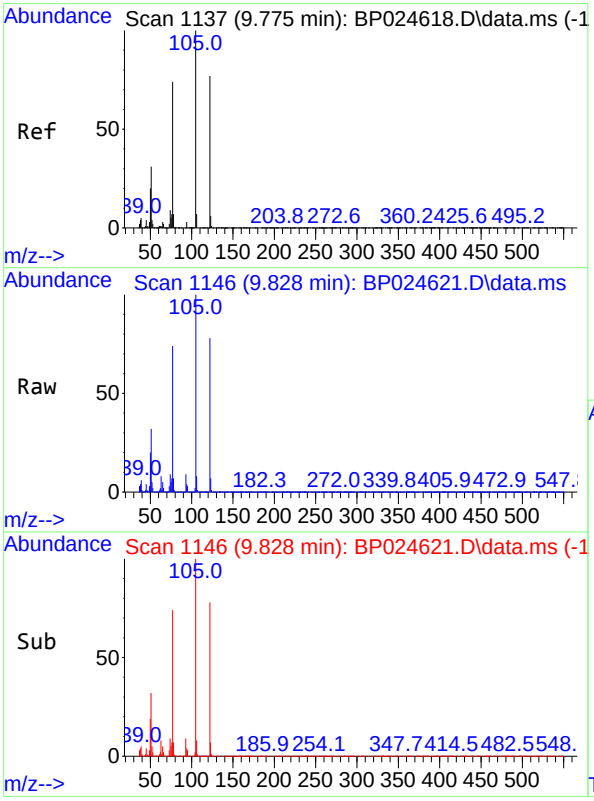
#31
Naphthalene
Concen: 77.77 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 2354789

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.7	16.1

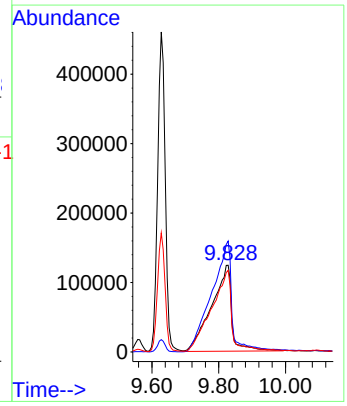


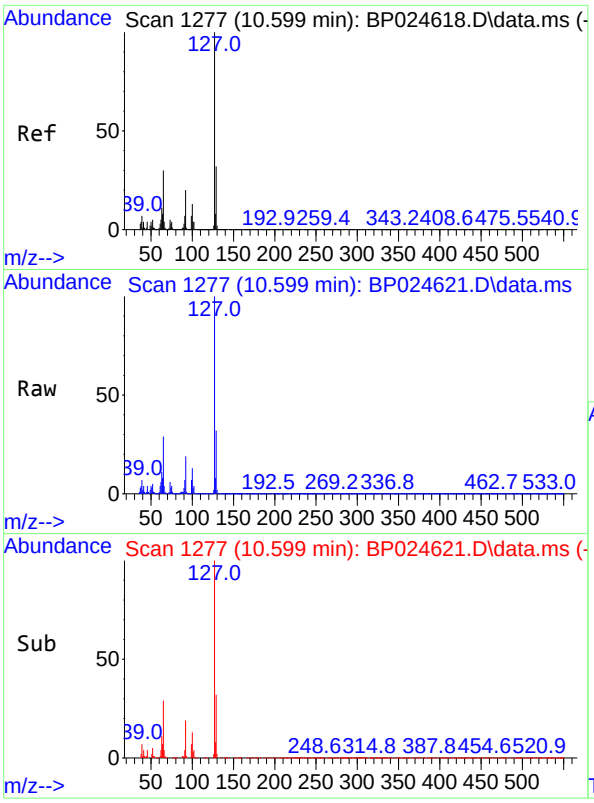


#32
Benzoic acid
Concen: 80.15 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:122 Resp: 525308

Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.9	146.9
77	94.2	75.1	115.1



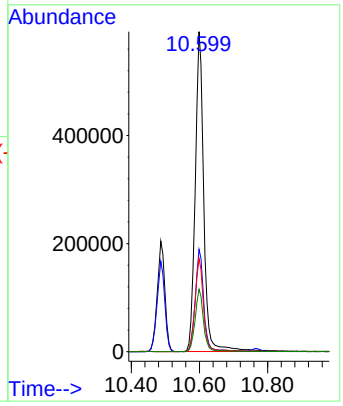


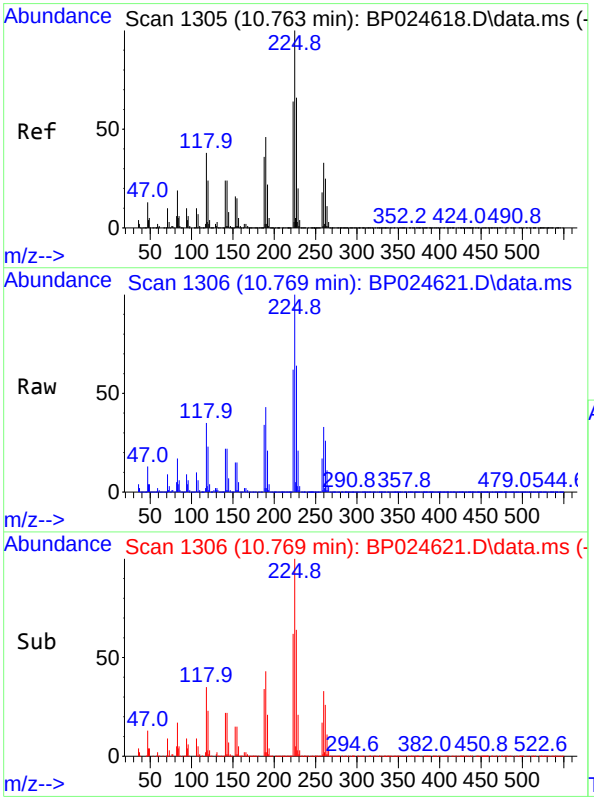
#33
4-Chloroaniline
Concen: 84.61 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1033865

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.1	23.9	35.9
92	19.5	16.1	24.1

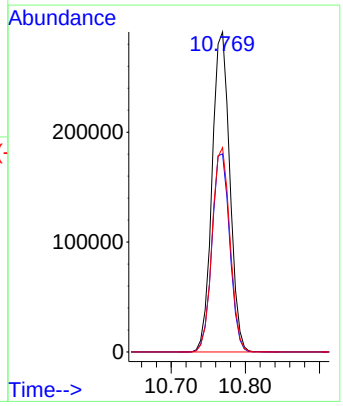


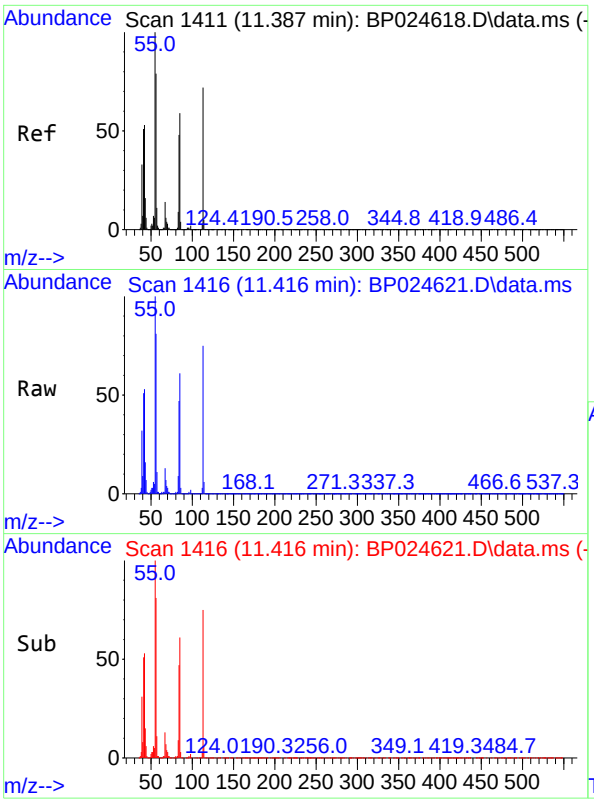


#34
Hexachlorobutadiene
Concen: 77.35 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:225 Resp: 481140

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.8	53.1	79.7



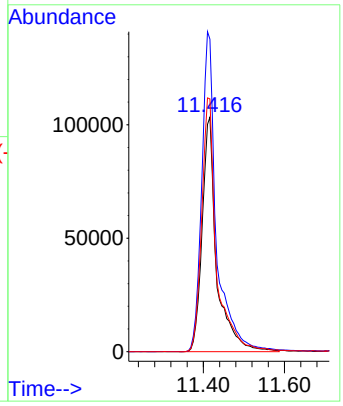


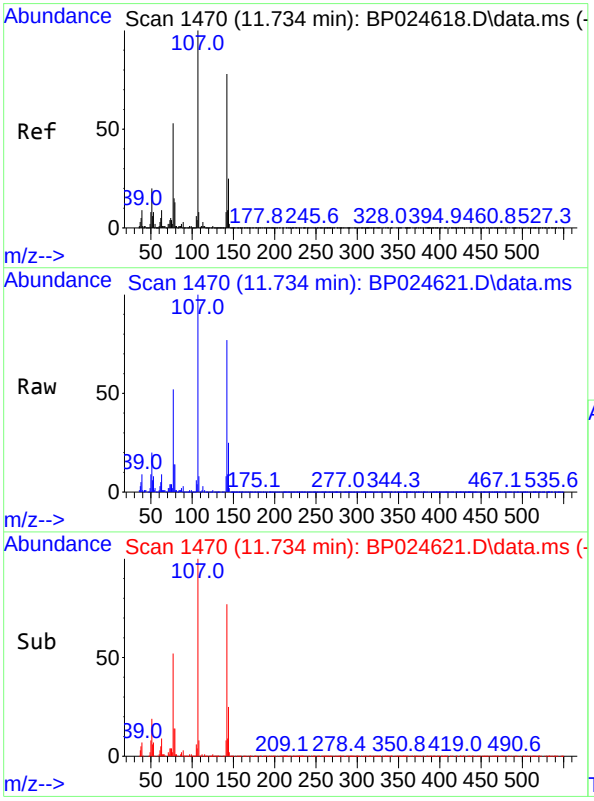
#35
Caprolactam
Concen: 83.50 ng
RT: 11.416 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 257252

Ion	Ratio	Lower	Upper
113	100		
55	133.3	119.0	159.0
56	107.8	90.3	130.3

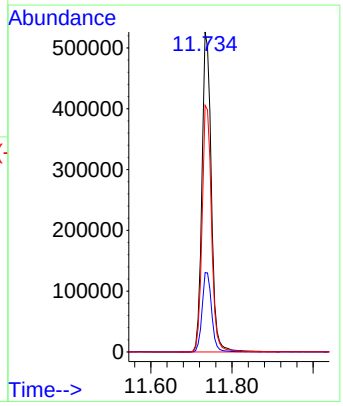


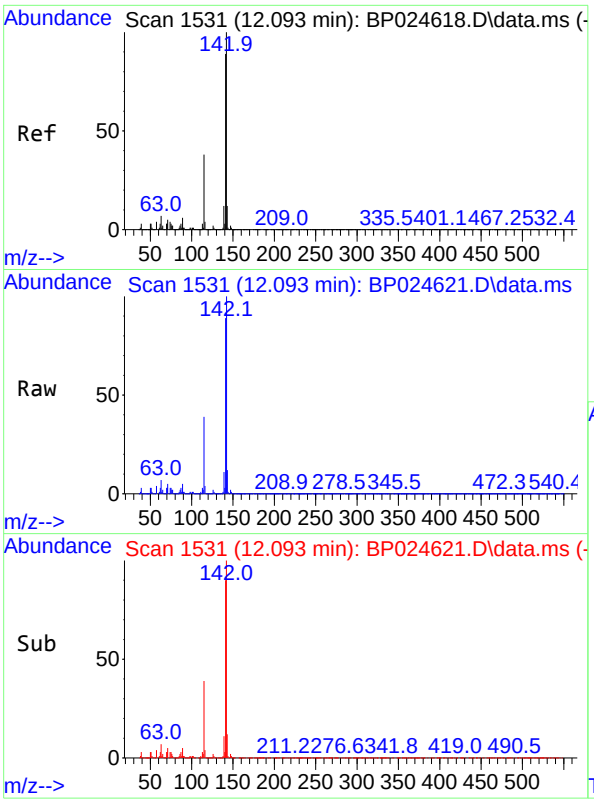


#36
4-Chloro-3-methylphenol
Concen: 80.74 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 838983

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.1	30.1
142	77.1	62.1	93.1



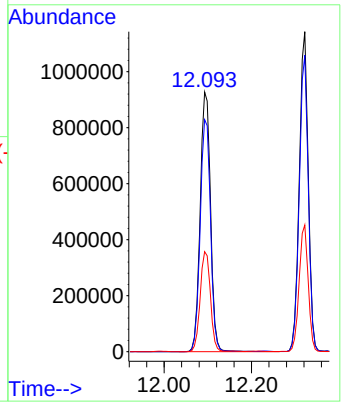


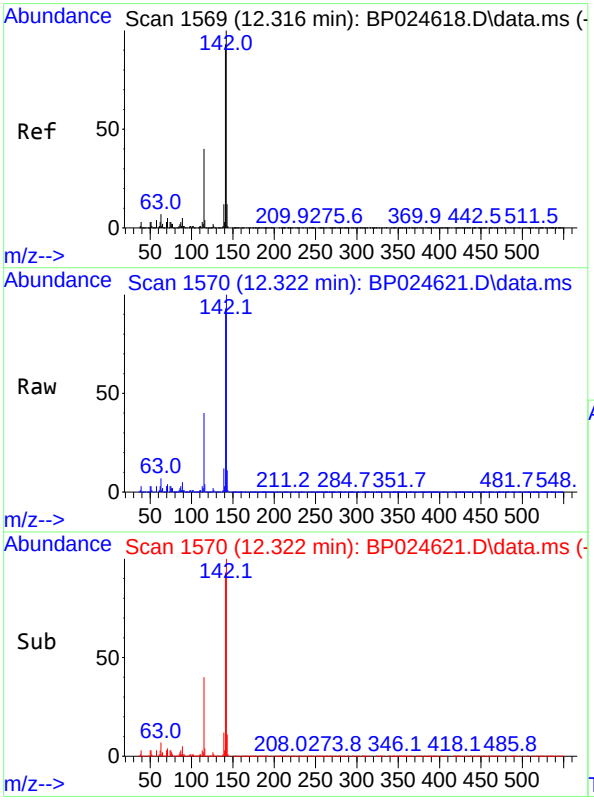
#37
2-Methylnaphthalene
Concen: 78.01 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1529445

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	38.5	30.6	46.0

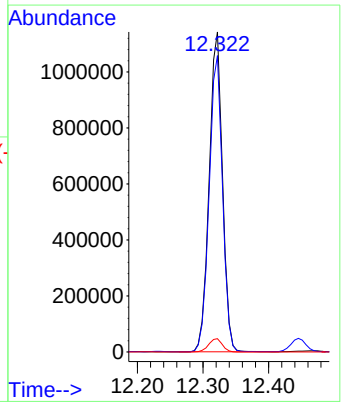


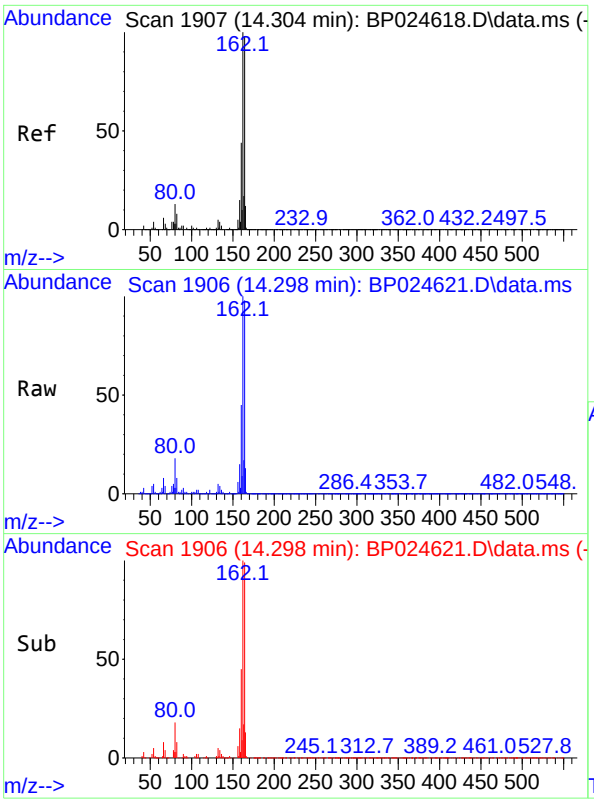


#38
1-Methylnaphthalene
Concen: 76.92 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:142 Resp: 1613775

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	4.1	3.4	5.2



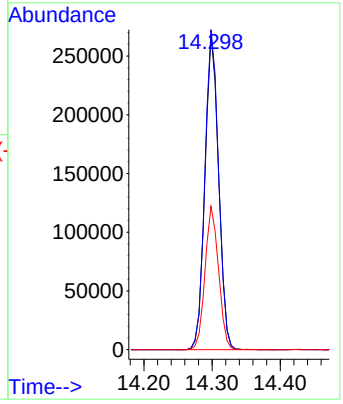


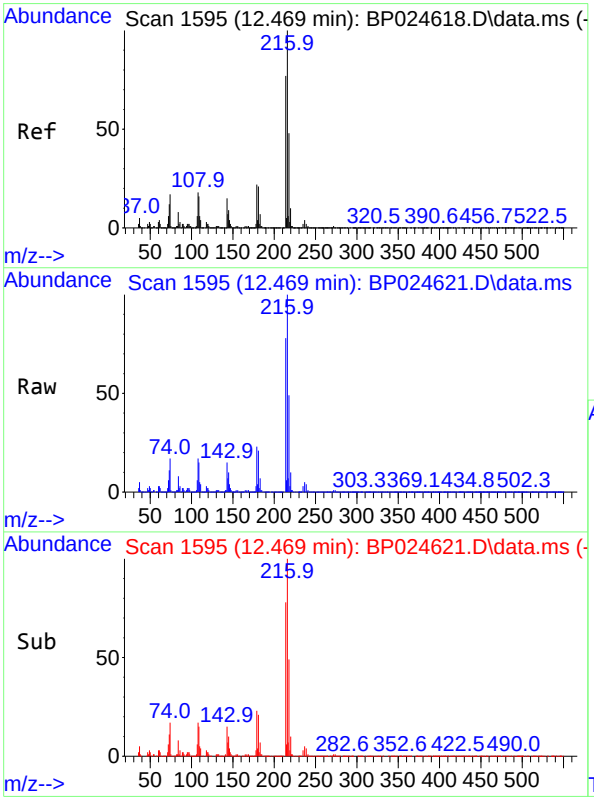
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 373575

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.5	36.3	54.5

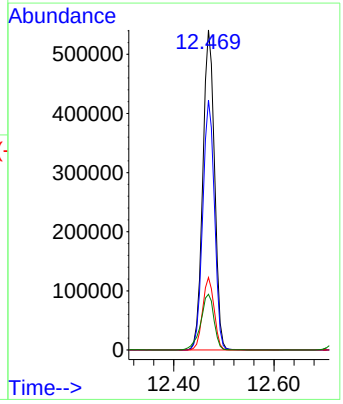


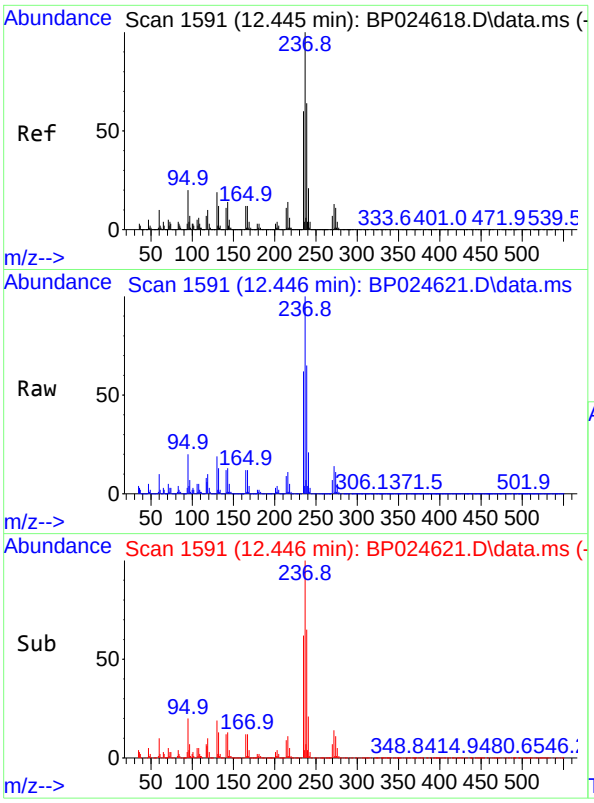


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.73 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:216 Resp: 875750

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	22.4	17.7	26.5
108	19.6	16.0	24.0



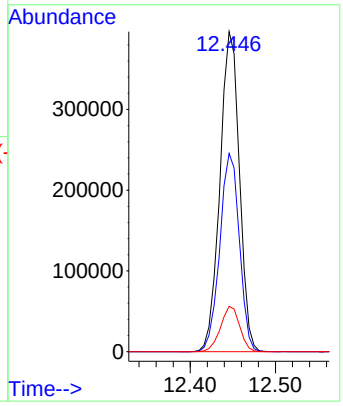


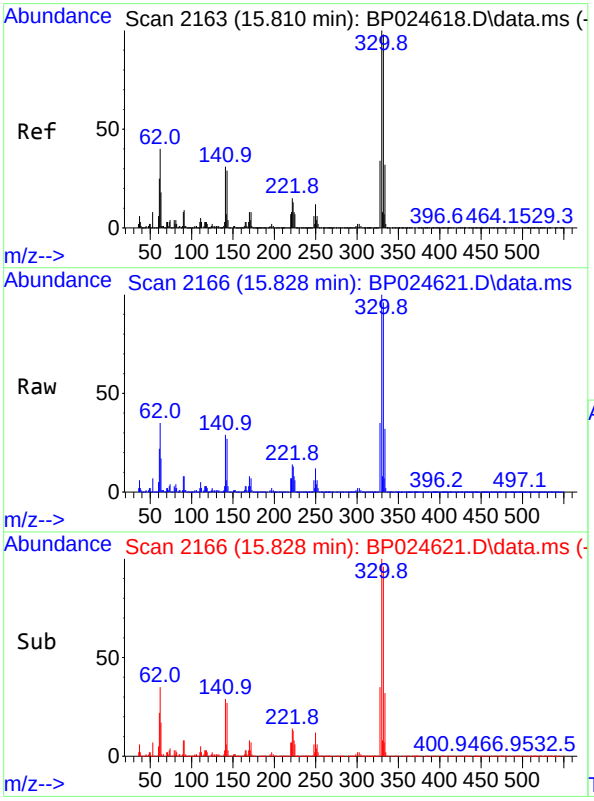
#41
Hexachlorocyclopentadiene
Concen: 95.54 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 628436

Ion	Ratio	Lower	Upper
237	100		
235	61.9	39.9	79.9
272	14.1	0.0	33.2

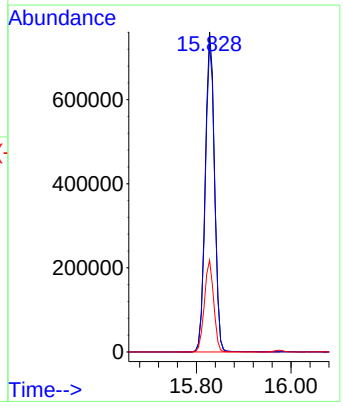


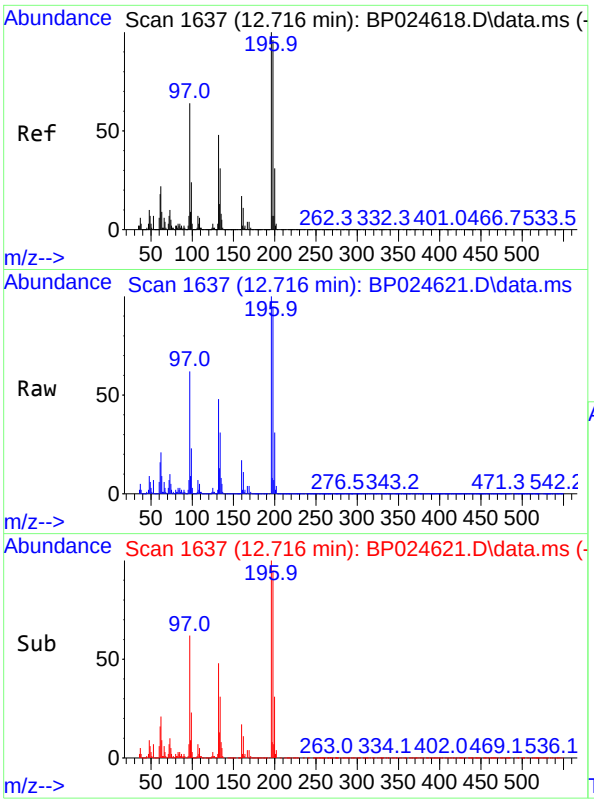


#42
2,4,6-Tribromophenol
Concen: 163.05 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:330 Resp: 1032638

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	28.8	24.3	36.5



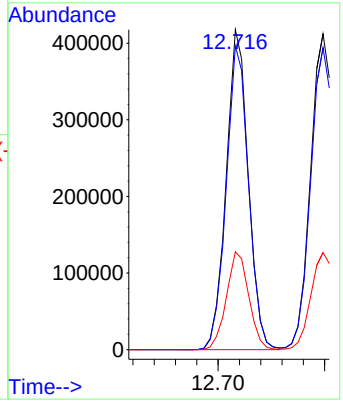


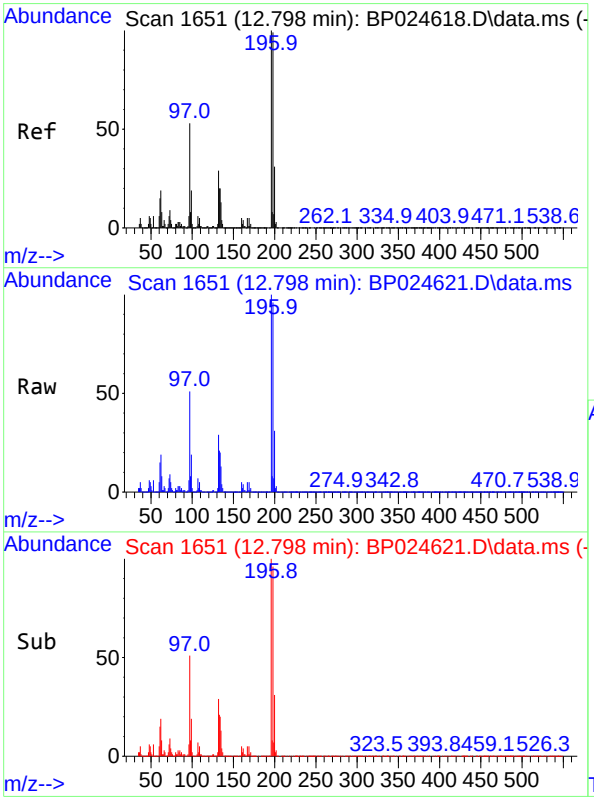
#43
2,4,6-Trichlorophenol
Concen: 85.58 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 601332

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.9	115.3
200	30.6	25.2	37.8

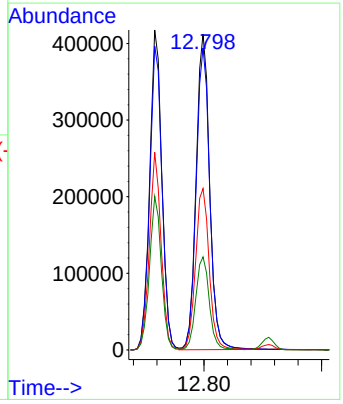


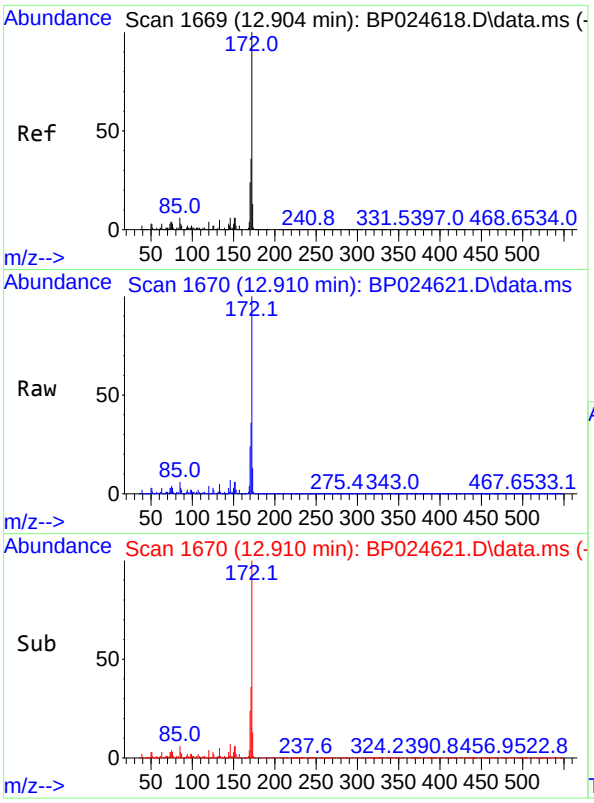


#44
2,4,5-Trichlorophenol
Concen: 84.05 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:196 Resp: 657399

Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.2	118.8
97	51.1	42.3	63.5
132	29.5	23.3	34.9



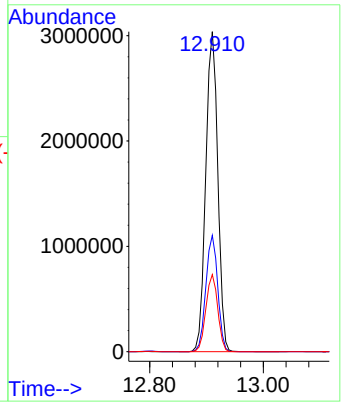


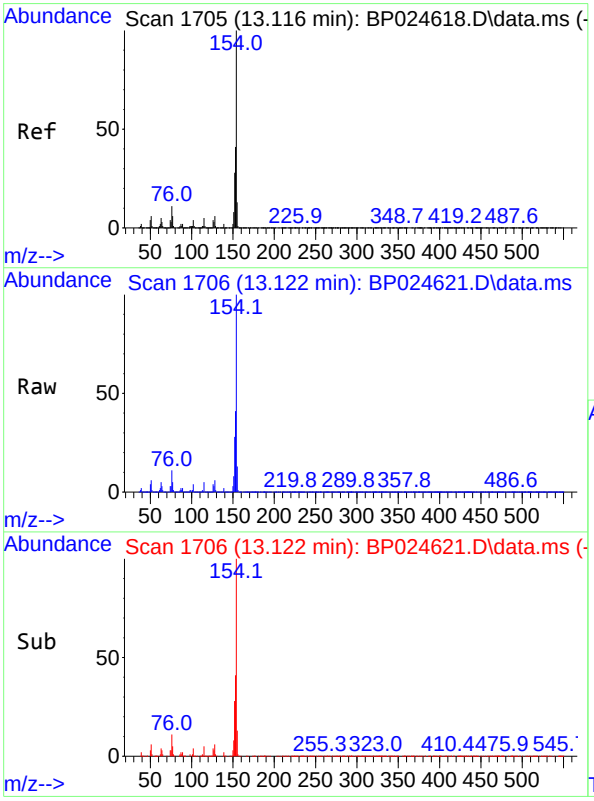
#45
2-Fluorobiphenyl
Concen: 155.65 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 4438179

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	24.1	18.8	28.2

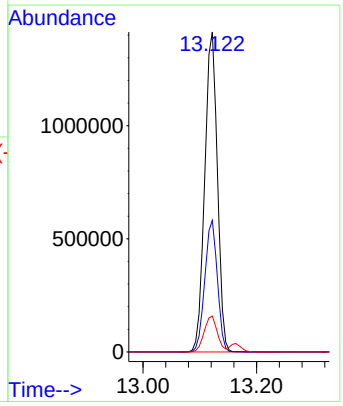


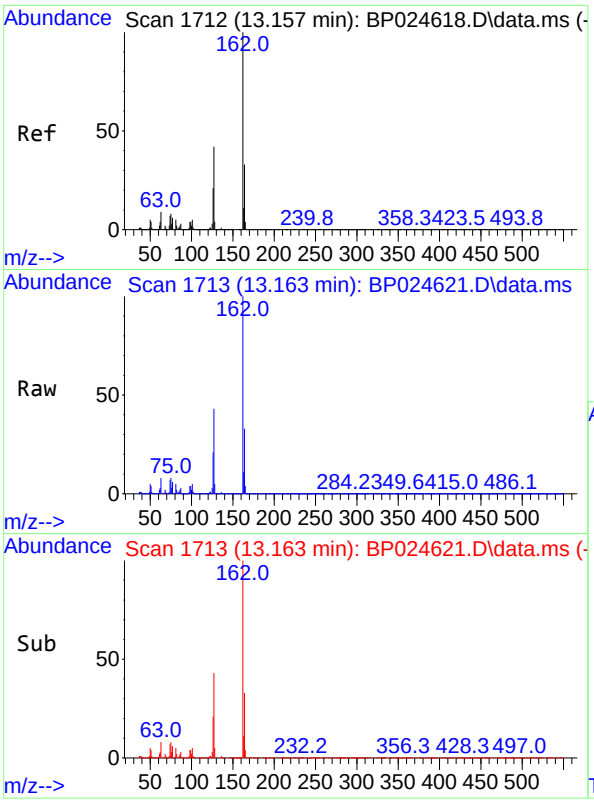


#46
1,1'-Biphenyl
Concen: 78.79 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 2175624

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	11.2	0.0	31.5



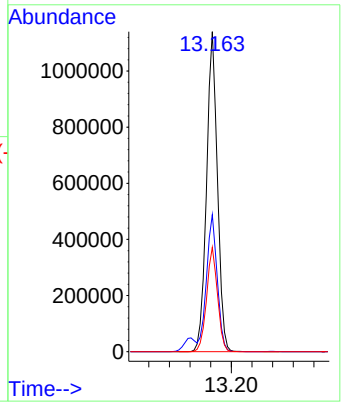


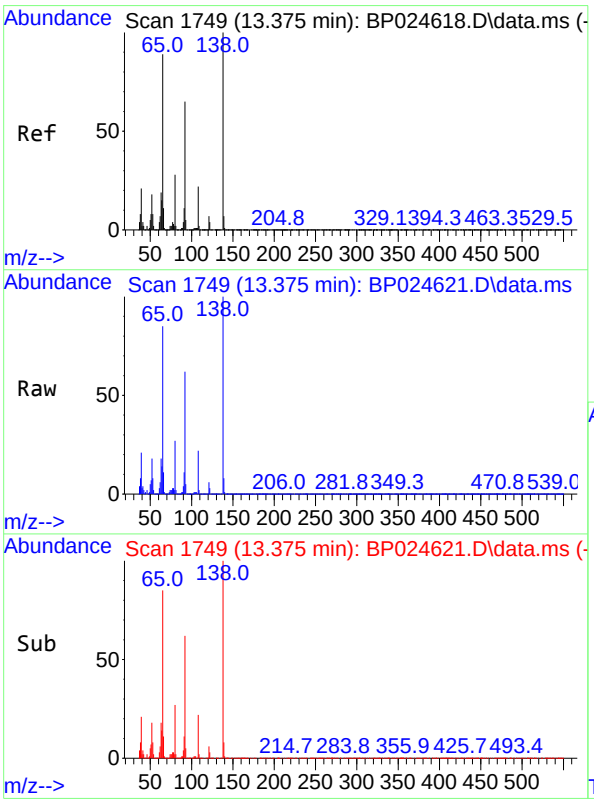
#47
2-Chloronaphthalene
Concen: 78.99 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1662979

Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.8	50.6
164	32.6	26.0	39.0

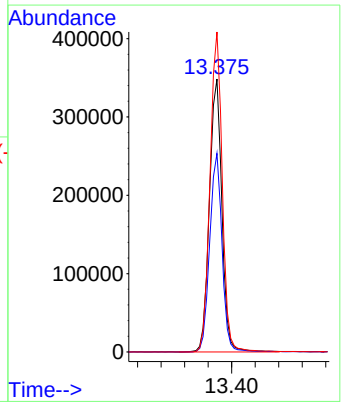


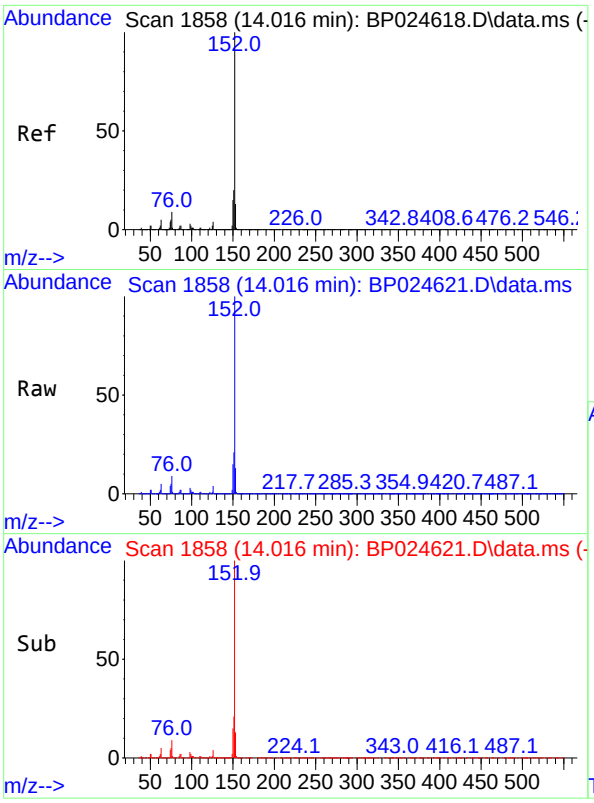


#48
2-Nitroaniline
Concen: 82.22 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 65 Resp: 512458

Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.7	88.1
138	117.2	90.2	135.2



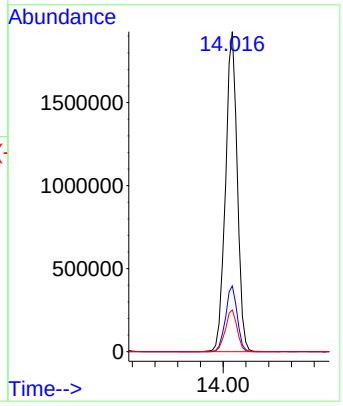


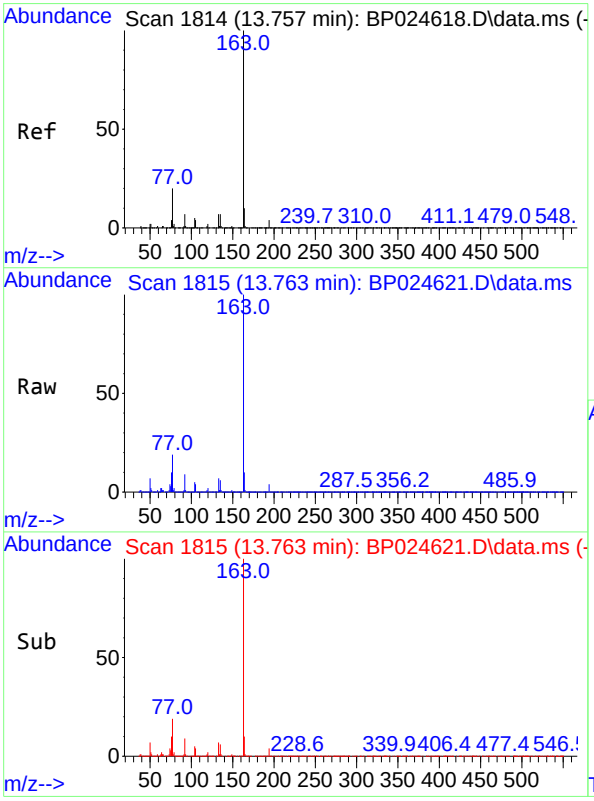
#49
Acenaphthylene
Concen: 78.73 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 2773742

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.1	10.2	15.4

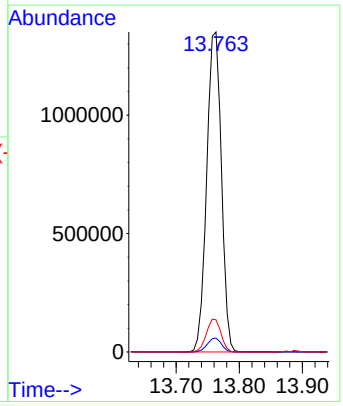


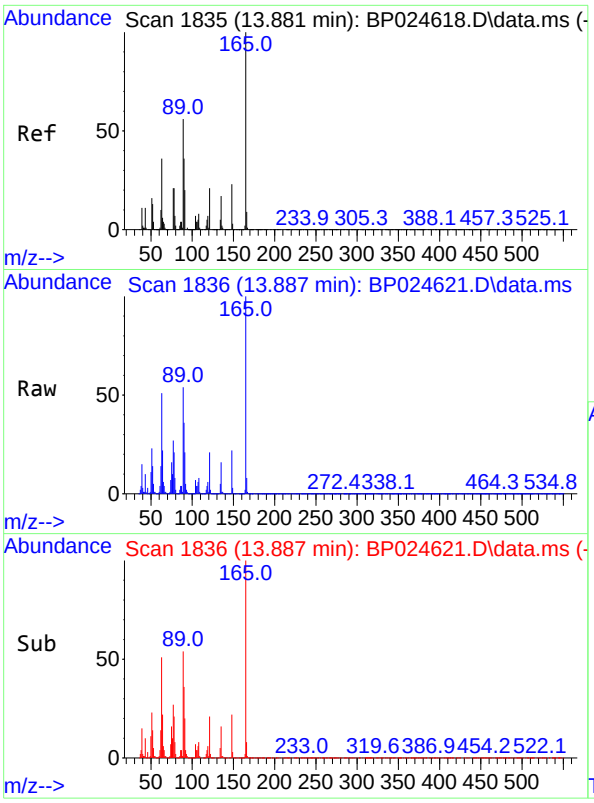


#50
Dimethylphthalate
Concen: 76.64 ng
RT: 13.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:163 Resp: 2182359

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.1	12.1



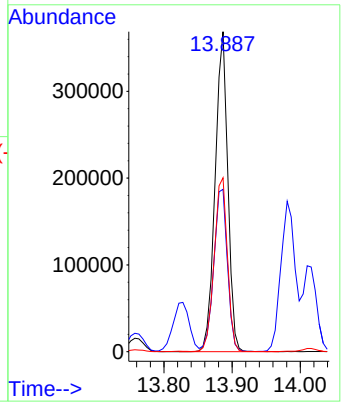


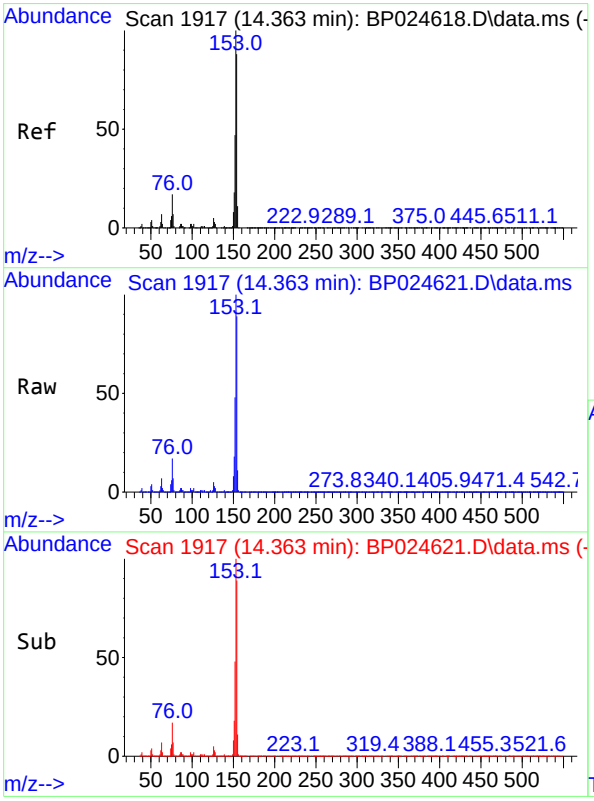
#51
2,6-Dinitrotoluene
Concen: 79.26 ng
RT: 13.887 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 476606

Ion	Ratio	Lower	Upper
165	100		
63	50.8	42.4	63.6
89	54.4	44.8	67.2

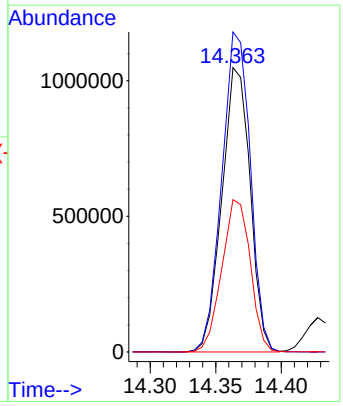


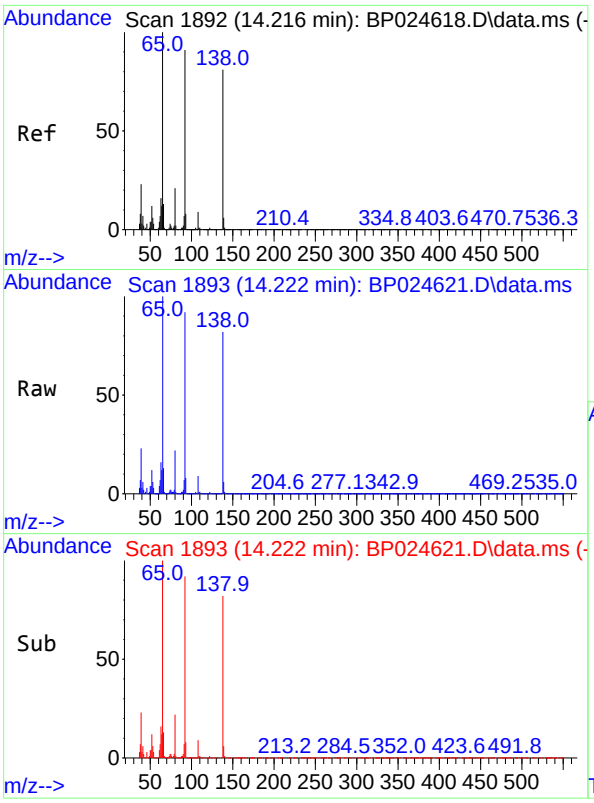


#52
Acenaphthene
Concen: 77.62 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 1572103

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.0	136.4
152	53.6	42.9	64.3



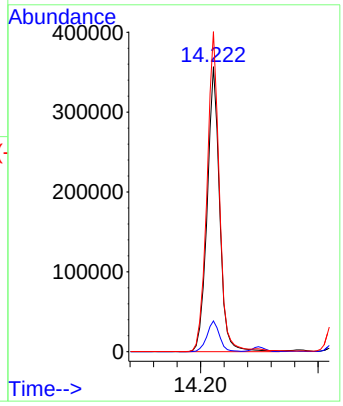


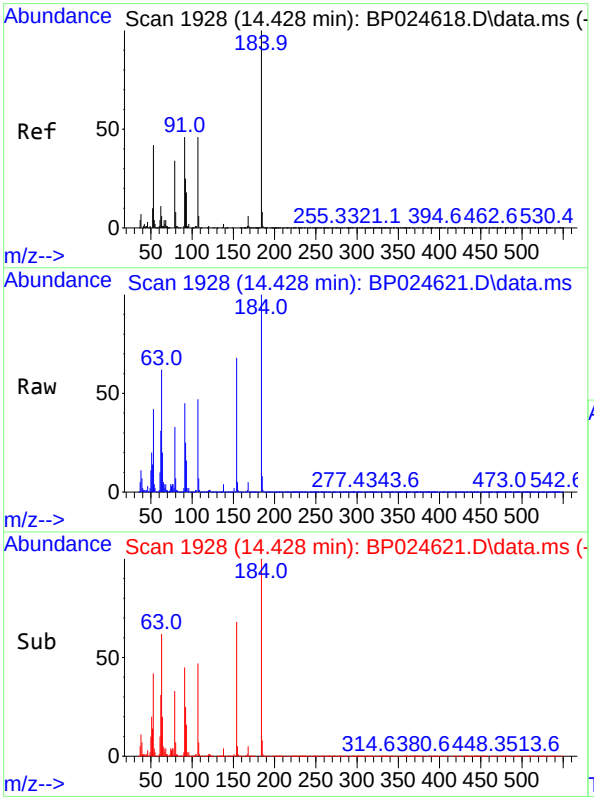
#53
3-Nitroaniline
Concen: 85.15 ng
RT: 14.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 522849

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	112.3	90.1	135.1

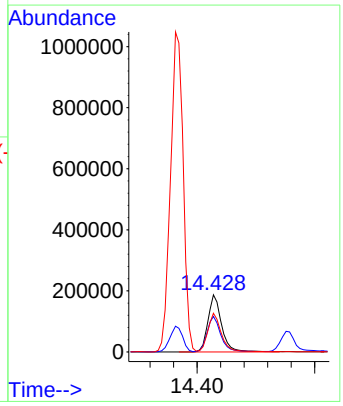


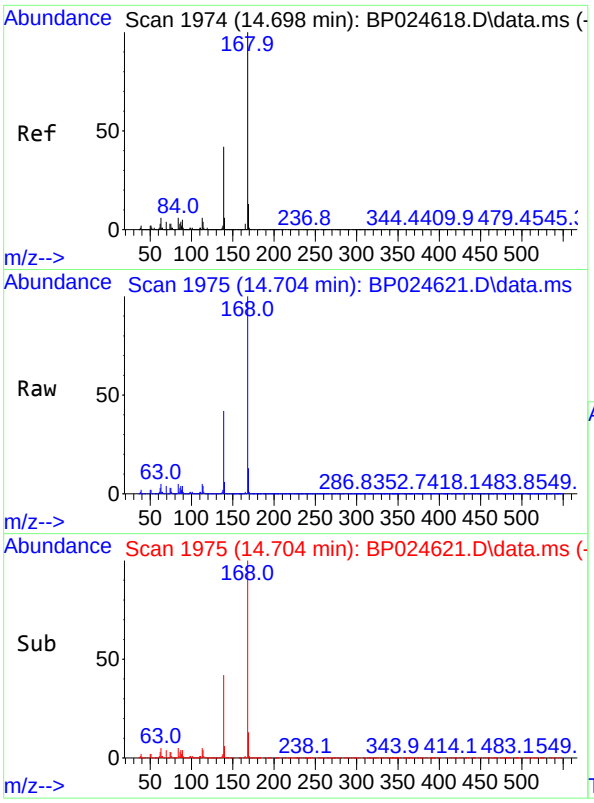


#54
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:184 Resp: 300458

Ion	Ratio	Lower	Upper
184	100		
63	62.1	51.3	76.9
154	67.9	53.5	80.3



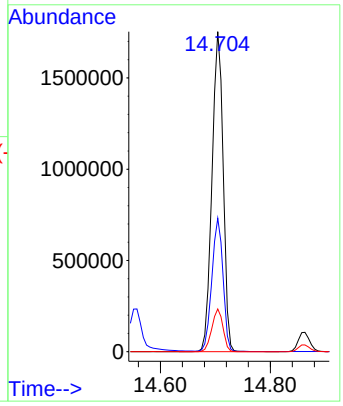


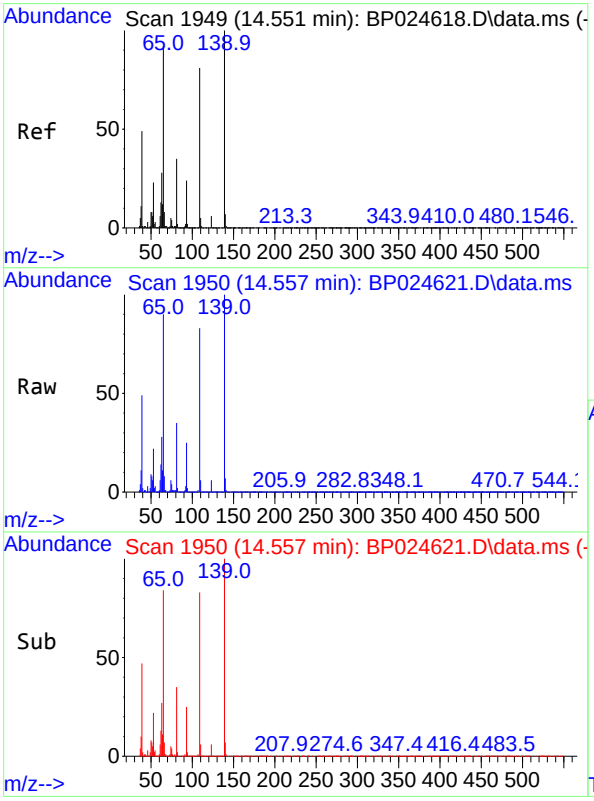
#55
Dibenzofuran
Concen: 76.68 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 2477374

Ion	Ratio	Lower	Upper
168	100		
139	41.7	34.2	51.4
169	13.4	10.8	16.2

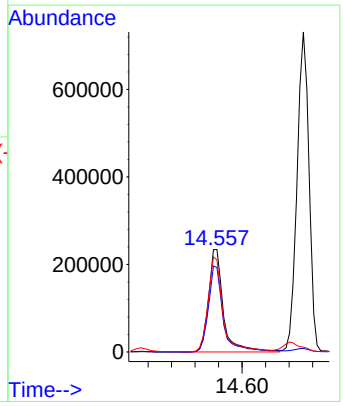


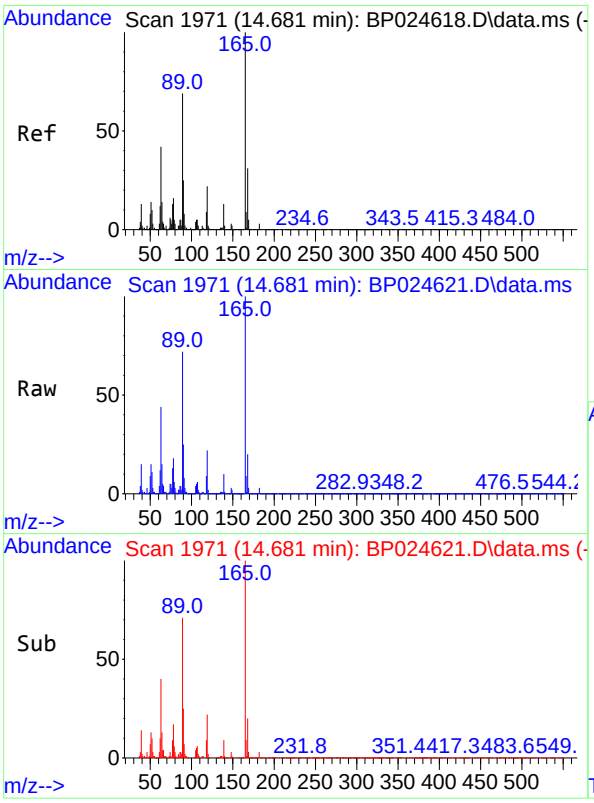


#56
4-Nitrophenol
Concen: 77.27 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 409954

Ion	Ratio	Lower	Upper
139	100		
109	82.6	61.4	101.4
65	89.8	72.2	112.2



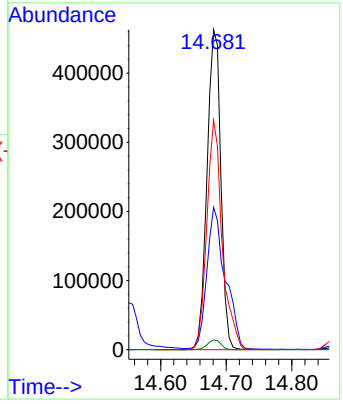


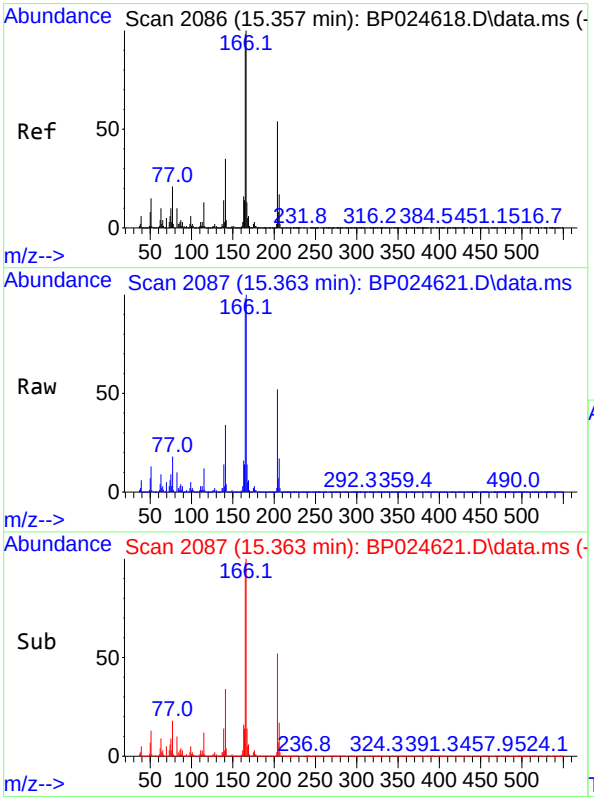
#57
2,4-Dinitrotoluene
Concen: 80.01 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 678287

Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.8	50.6
89	71.6	55.6	83.4
182	3.1	2.4	3.6

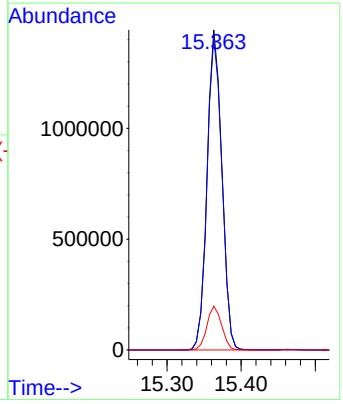


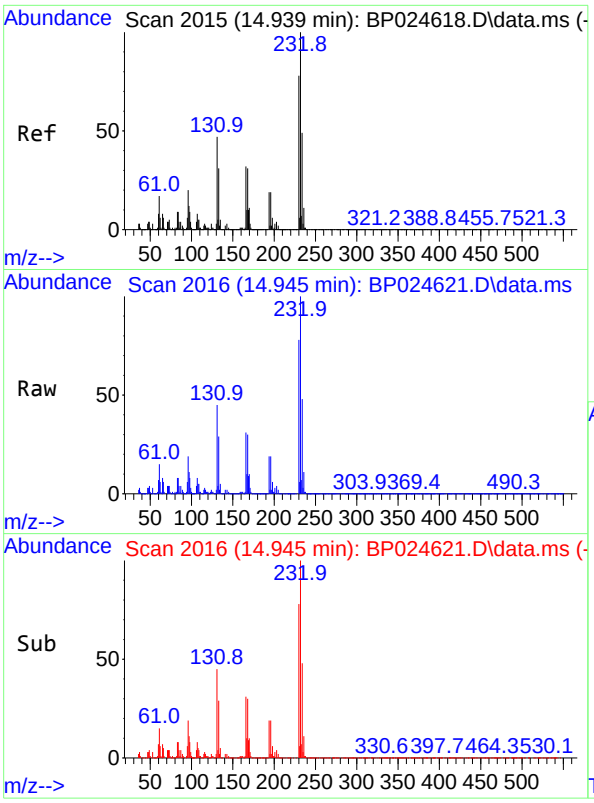


#58
Fluorene
Concen: 76.06 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:166 Resp: 2003709

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	13.7	10.7	16.1



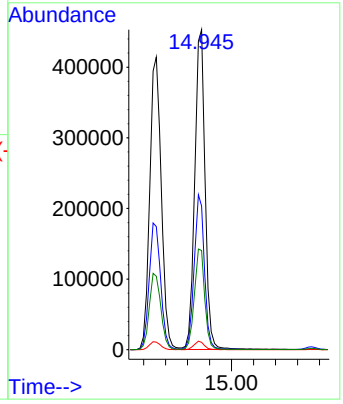


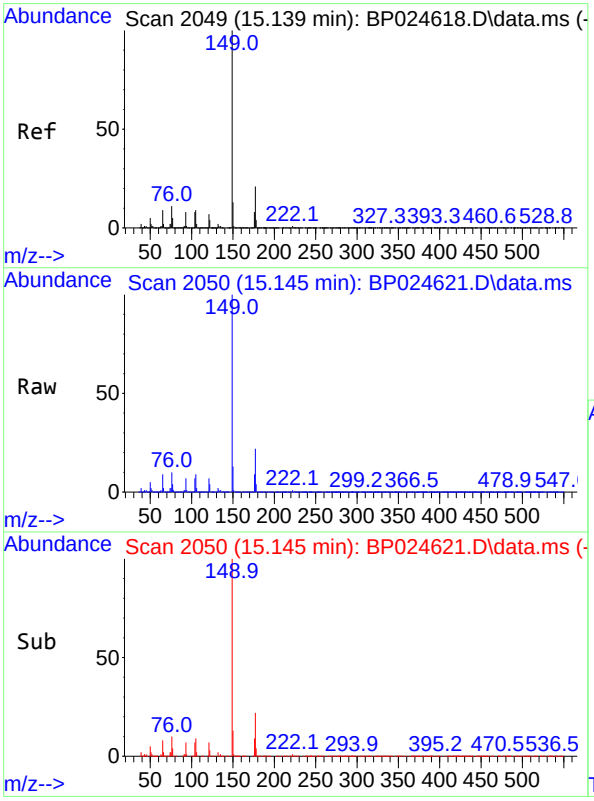
#59
2,3,4,6-Tetrachlorophenol
Concen: 81.17 ng
RT: 14.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 588947

Ion	Ratio	Lower	Upper
232	100		
131	48.1	39.5	59.3
130	2.6	2.2	3.4
166	31.4	25.7	38.5

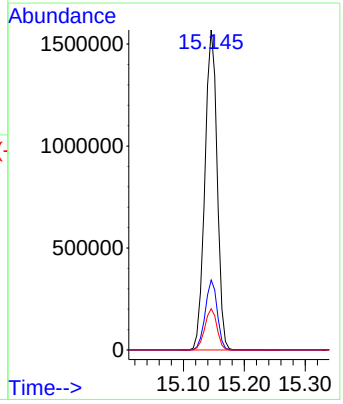


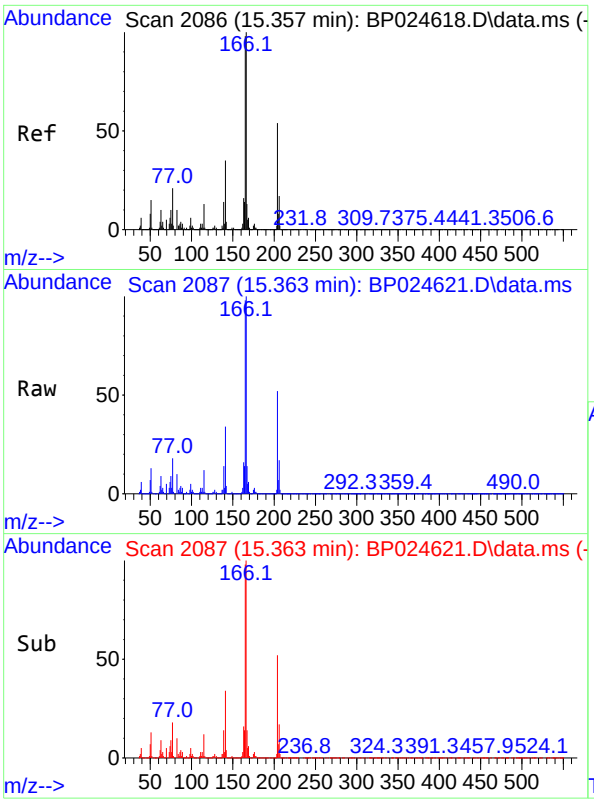


#60
Diethylphthalate
Concen: 76.22 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2193488

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.9	10.2	15.2



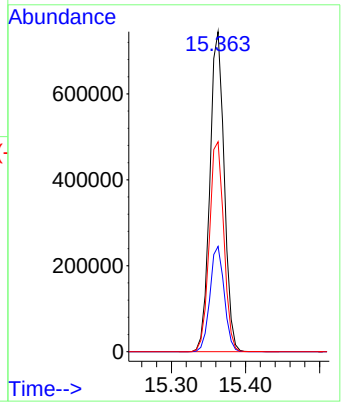


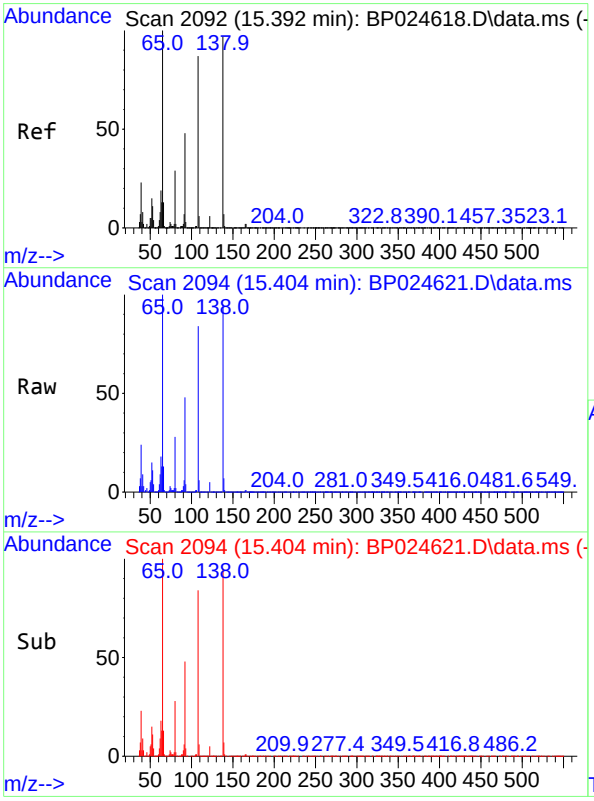
#61
4-Chlorophenyl-phenylether
Concen: 75.96 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 997863

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	65.6	52.9	79.3

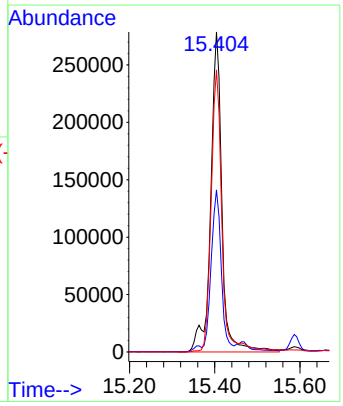


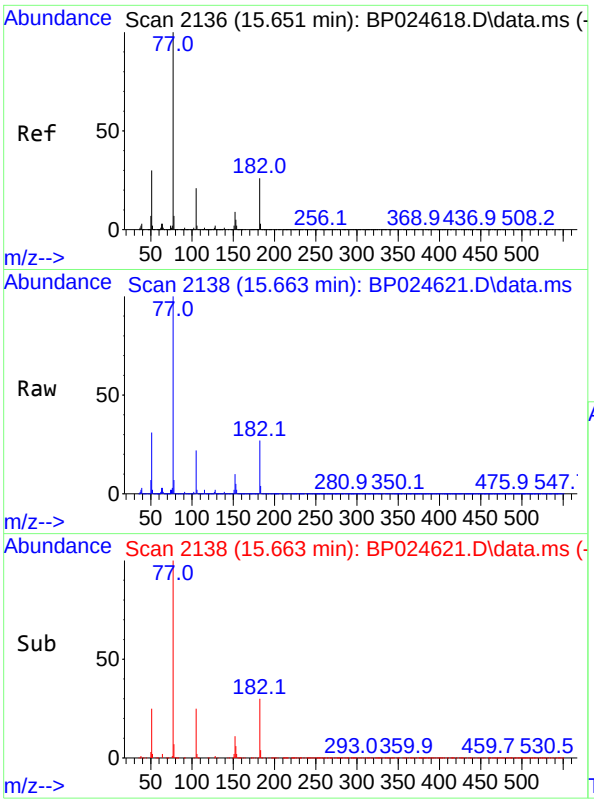


#62
4-Nitroaniline
Concen: 85.24 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:138 Resp: 509582

Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.2	69.2
108	88.2	69.0	109.0



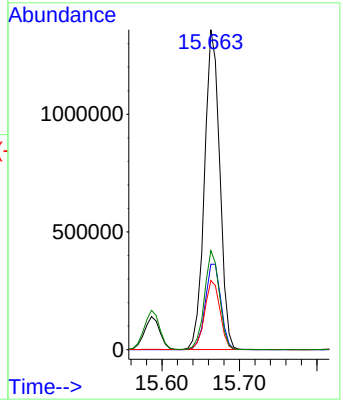


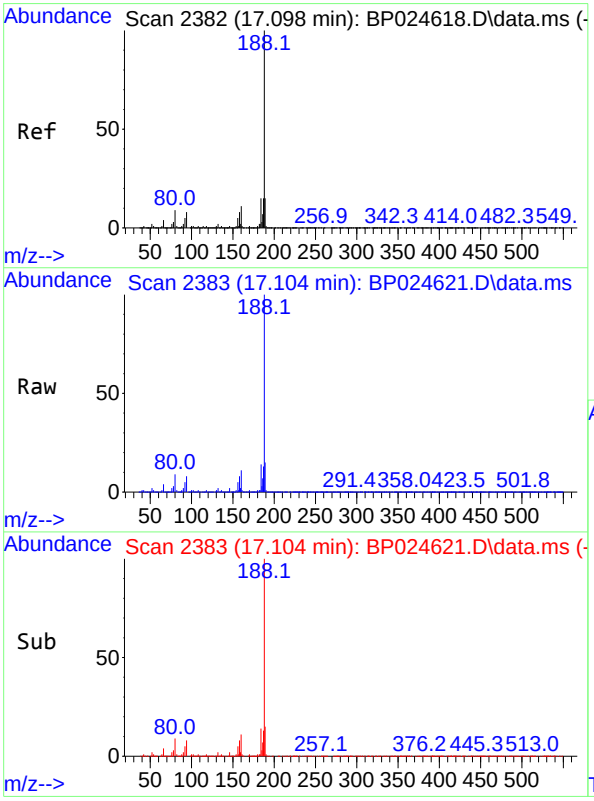
#63
Azobenzene
Concen: 75.47 ng
RT: 15.663 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1858146

Ion	Ratio	Lower	Upper
77	100		
182	26.7	5.7	45.7
105	21.6	1.3	41.3
51	30.9	10.6	50.6

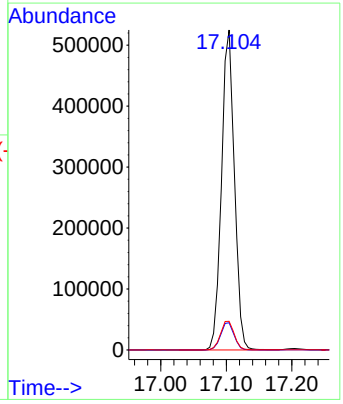


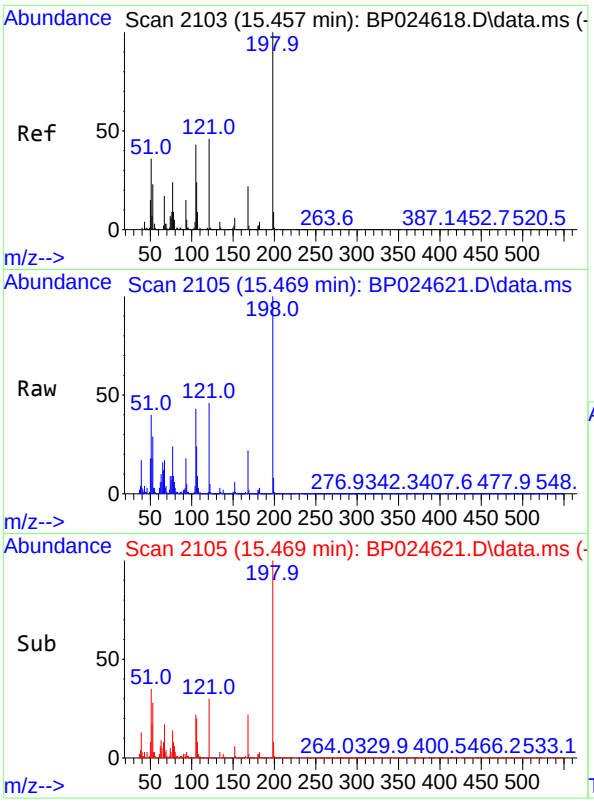


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:188 Resp: 713479

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.5	9.7
80	9.0	7.3	10.9



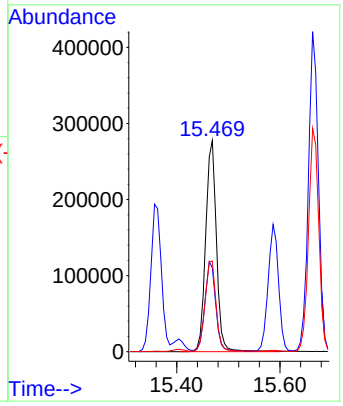


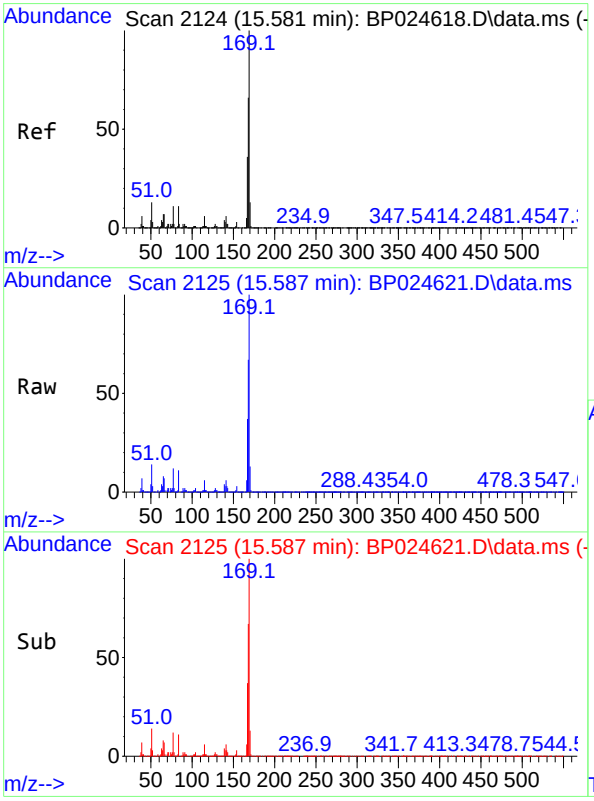
#65
4,6-Dinitro-2-methylphenol
Concen: 87.01 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 401011

Ion	Ratio	Lower	Upper
198	100		
51	39.8	21.1	61.1
105	42.9	23.6	63.6

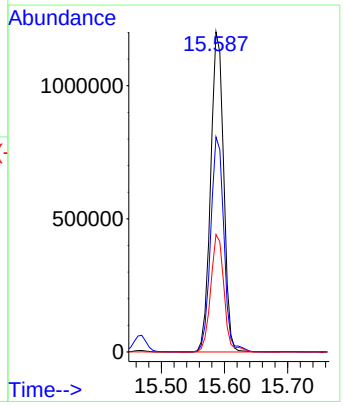


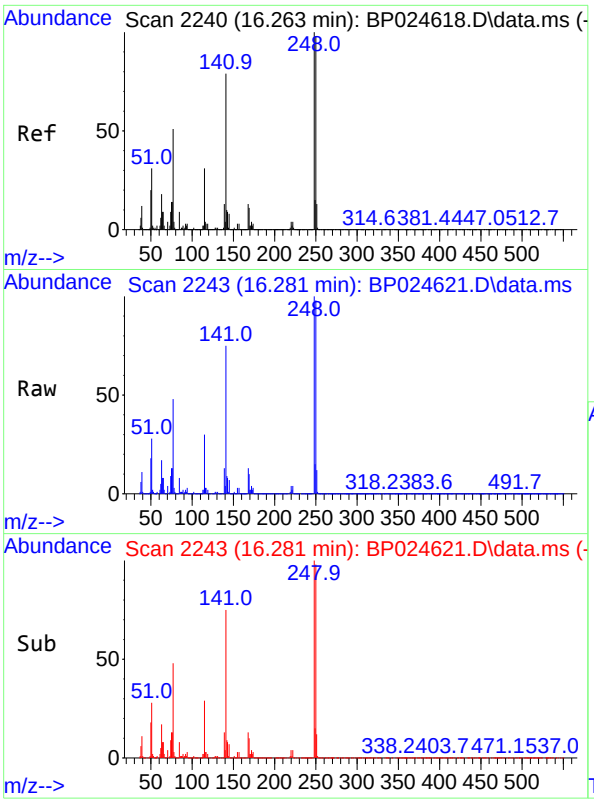


#66
n-Nitrosodiphenylamine
Concen: 78.10 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:169 Resp: 1711679

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	36.7	28.6	43.0



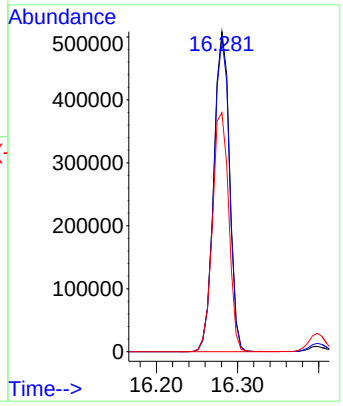


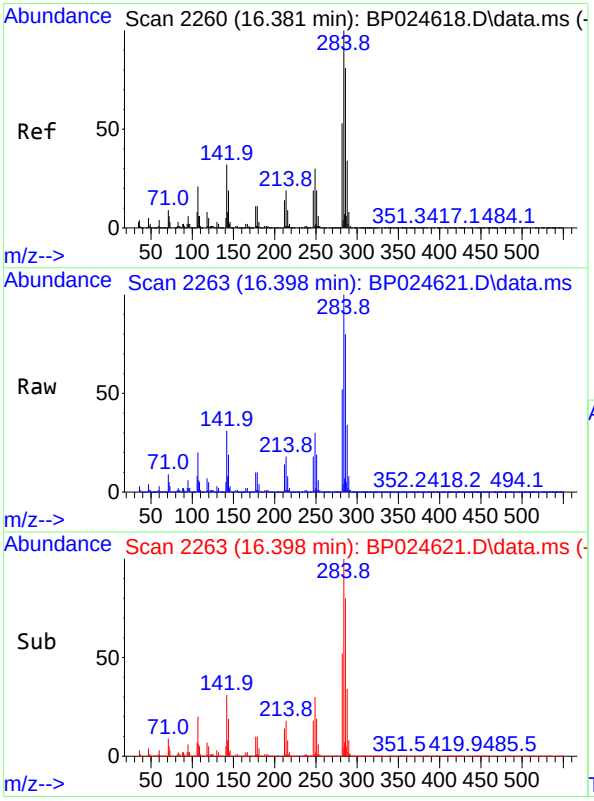
#67
4-Bromophenyl-phenylether
Concen: 81.43 ng
RT: 16.281 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 684619

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	74.7	63.0	94.6

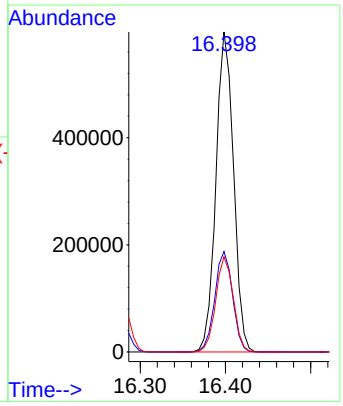


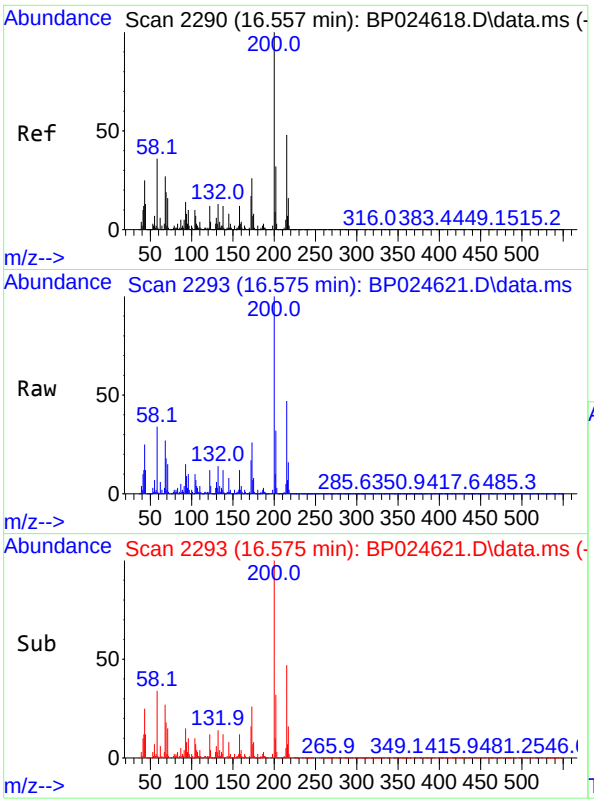


#68
Hexachlorobenzene
Concen: 80.18 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:284 Resp: 856547

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.9	38.9
249	29.7	24.1	36.1



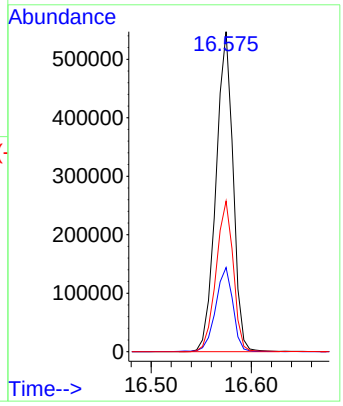


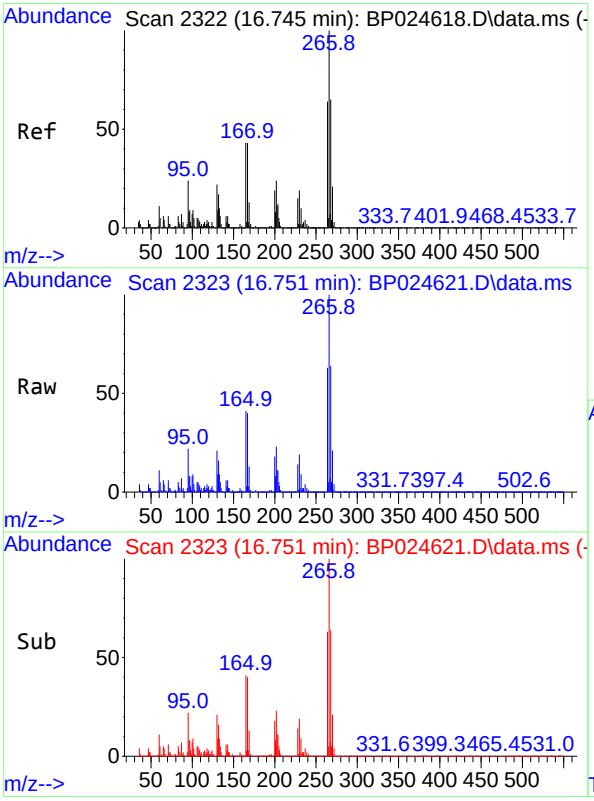
#69
Atrazine
Concen: 80.42 ng
RT: 16.575 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 645877

Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.9	45.9
215	47.1	28.3	68.3

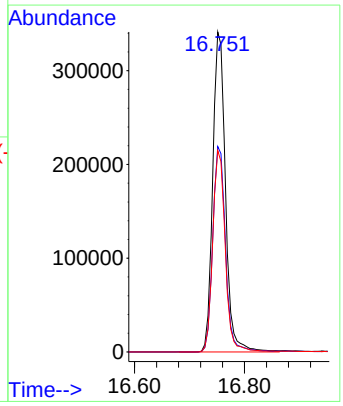


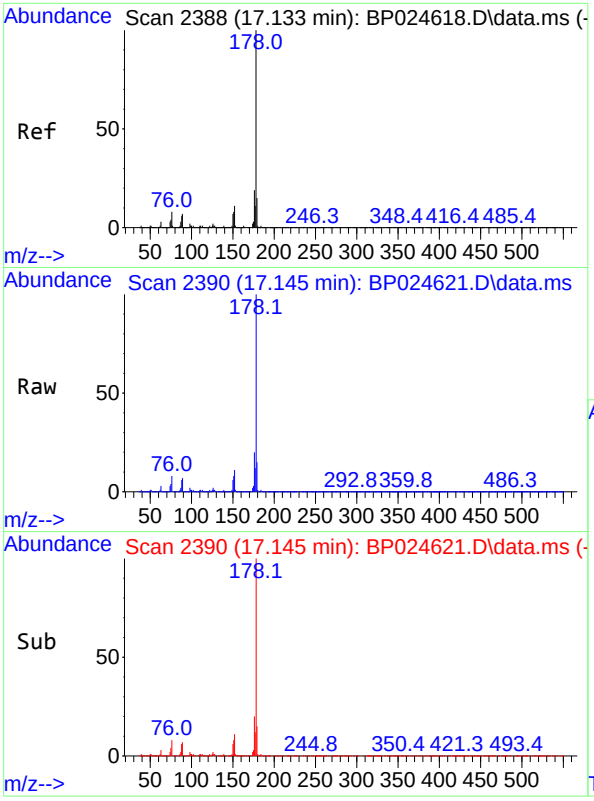


#70
Pentachlorophenol
Concen: 91.41 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:266 Resp: 548492

Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.4
264	62.9	51.1	76.7



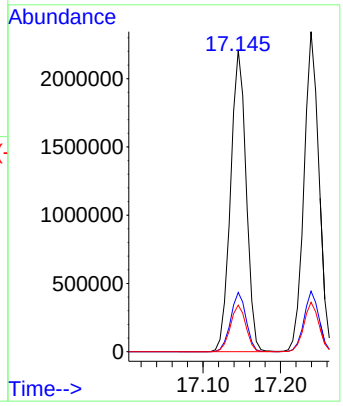


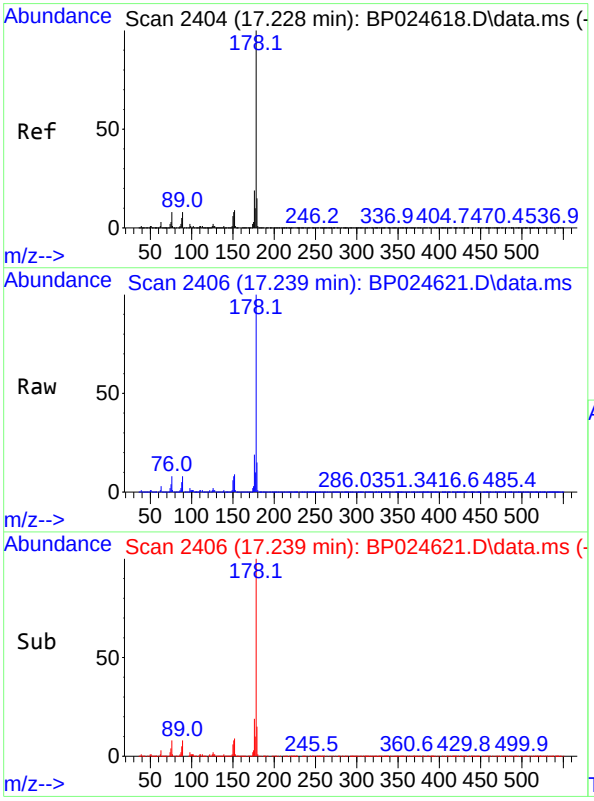
#71
Phenanthrene
Concen: 77.95 ng
RT: 17.145 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 3091665

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.2	18.4

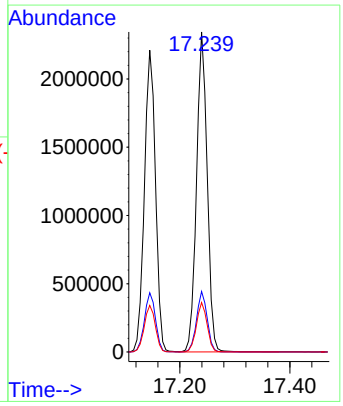


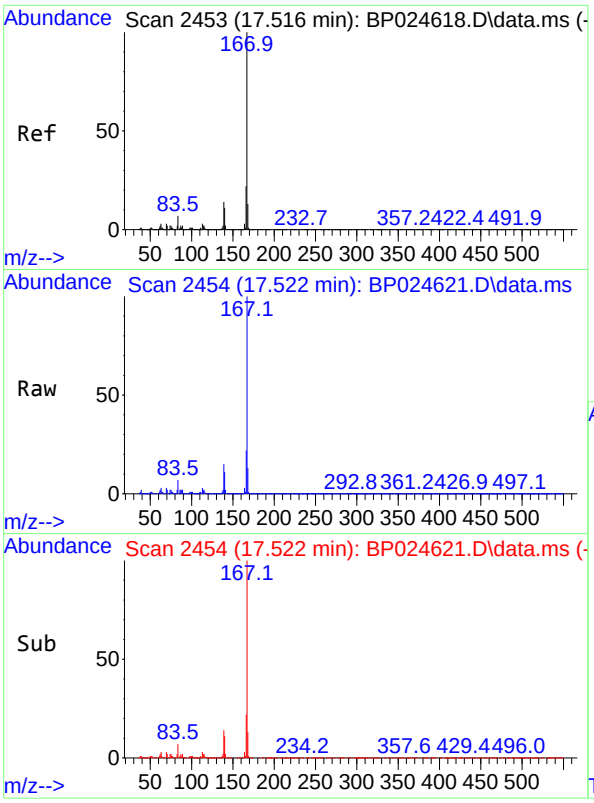


#72
Anthracene
Concen: 79.23 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:178 Resp: 3161669

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.2



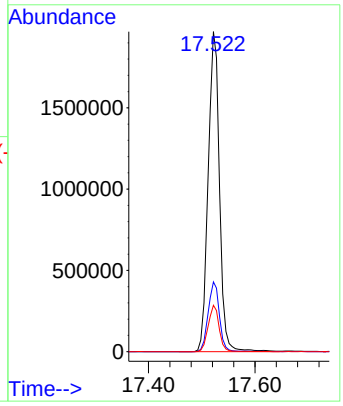


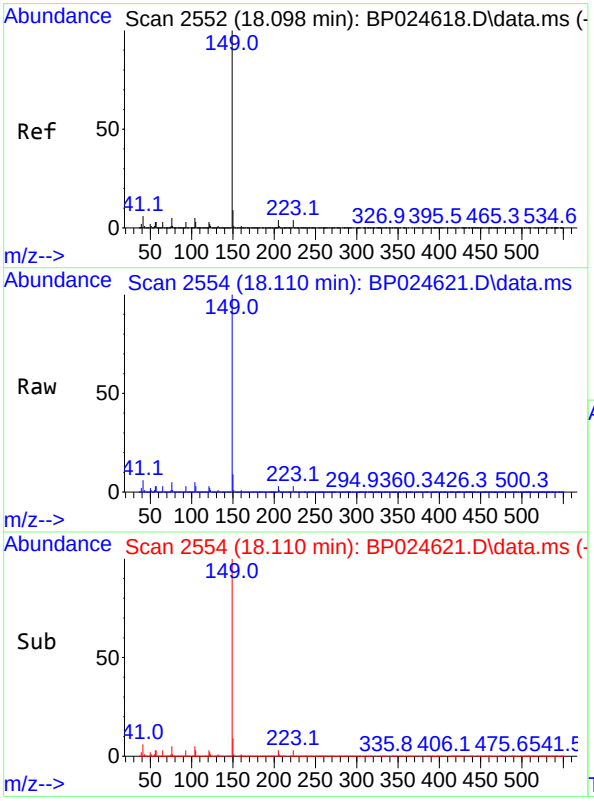
#73
Carbazole
Concen: 80.08 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 2892236

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.5	11.3	16.9

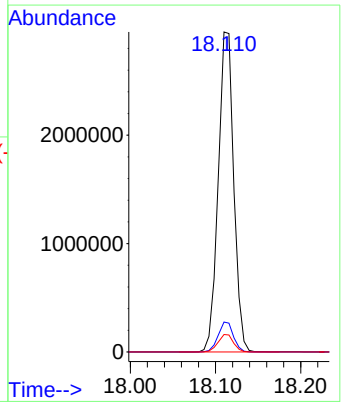


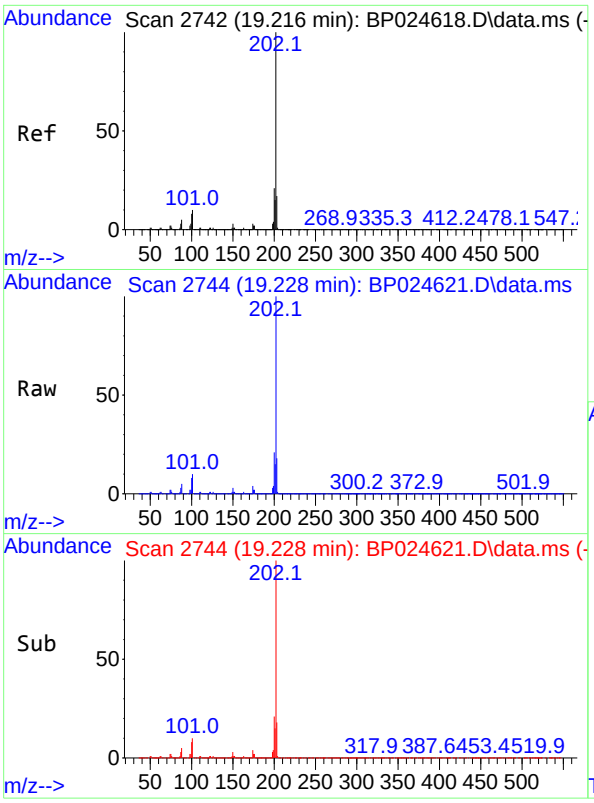


#74
Di-n-butylphthalate
Concen: 80.68 ng
RT: 18.110 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 3747927

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.5	4.3	6.5



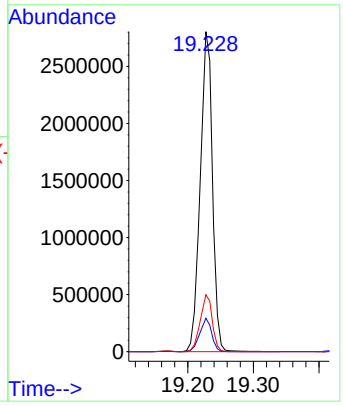


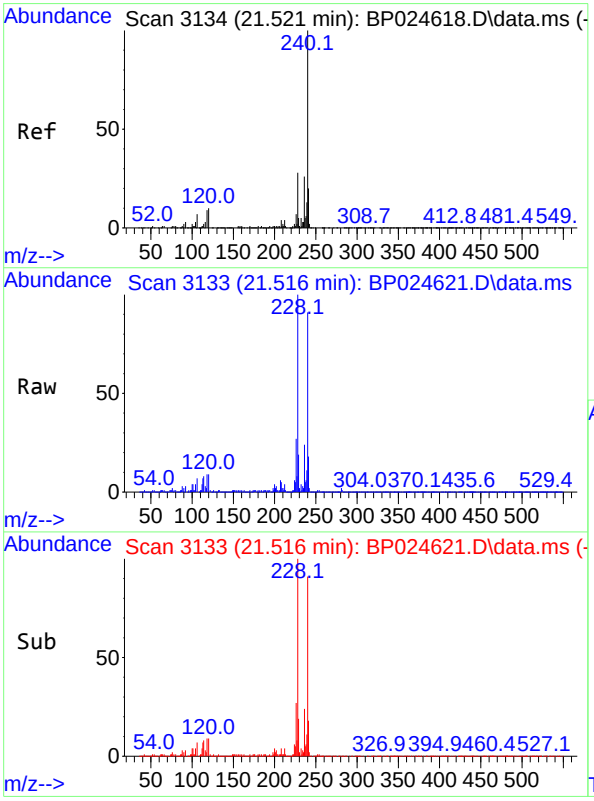
#75
Fluoranthene
Concen: 78.27 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 3629085

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
203	17.8	0.0	37.5

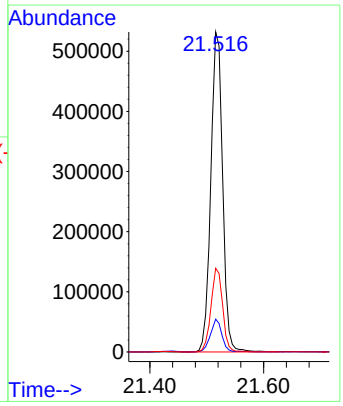


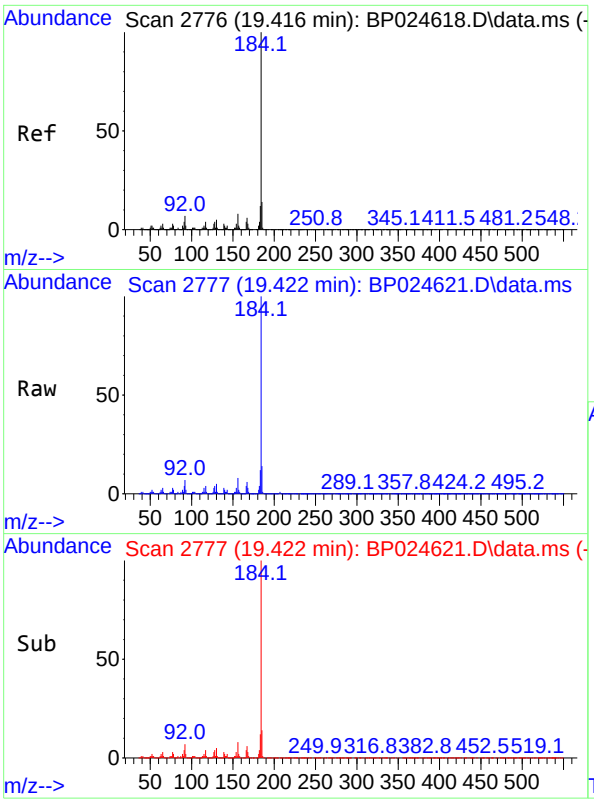


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:240 Resp: 765954

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.8	11.6
236	26.2	20.6	31.0



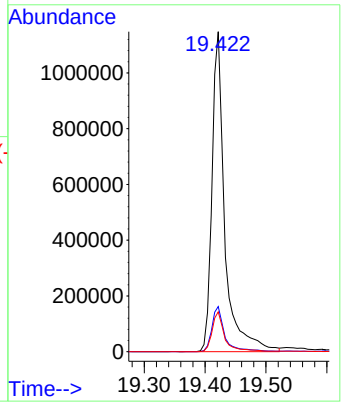


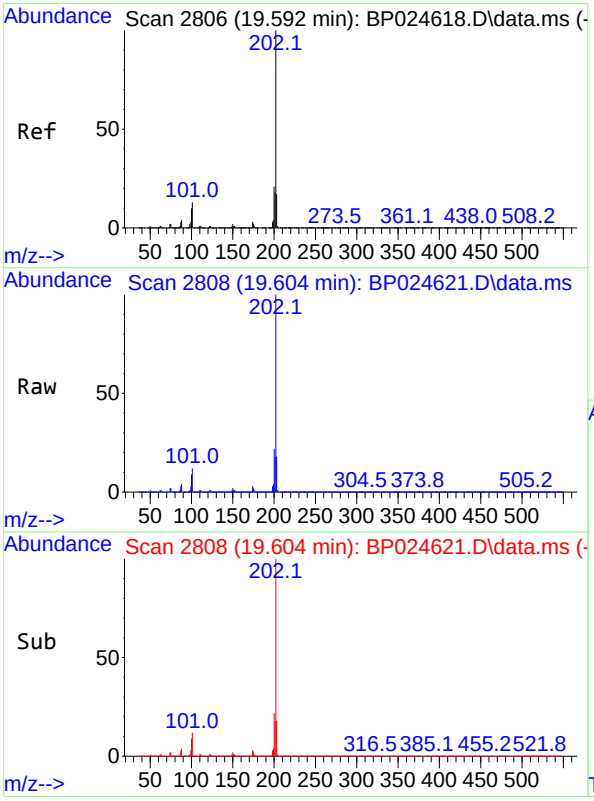
#77
Benzidine
Concen: 79.83 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 1678507

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.4	9.8	14.8

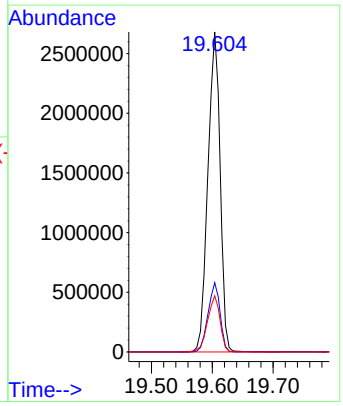


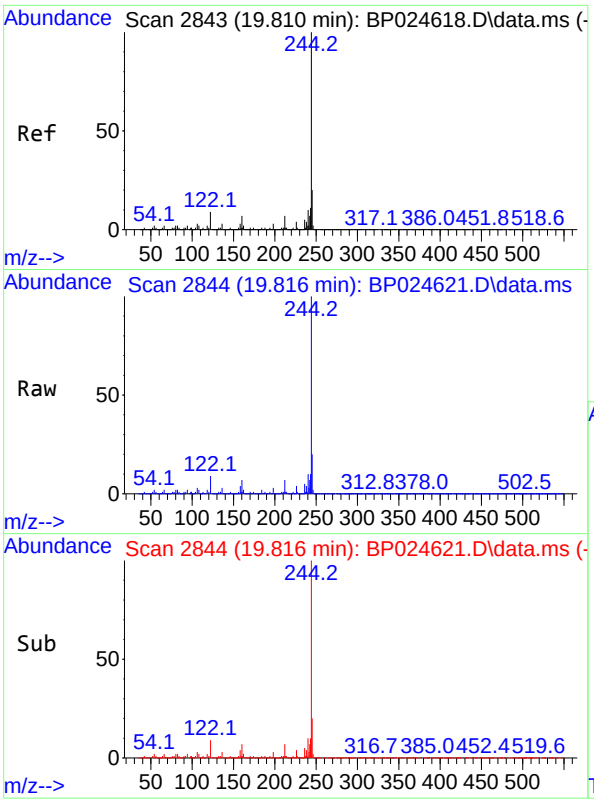


#78
Pyrene
Concen: 81.65 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:202 Resp: 3747276

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.6	13.9	20.9



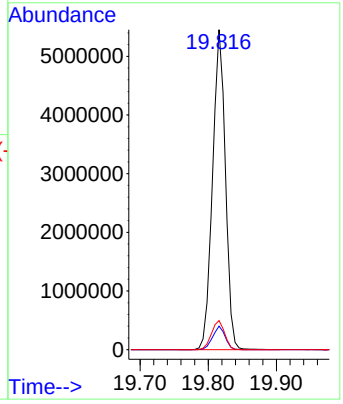


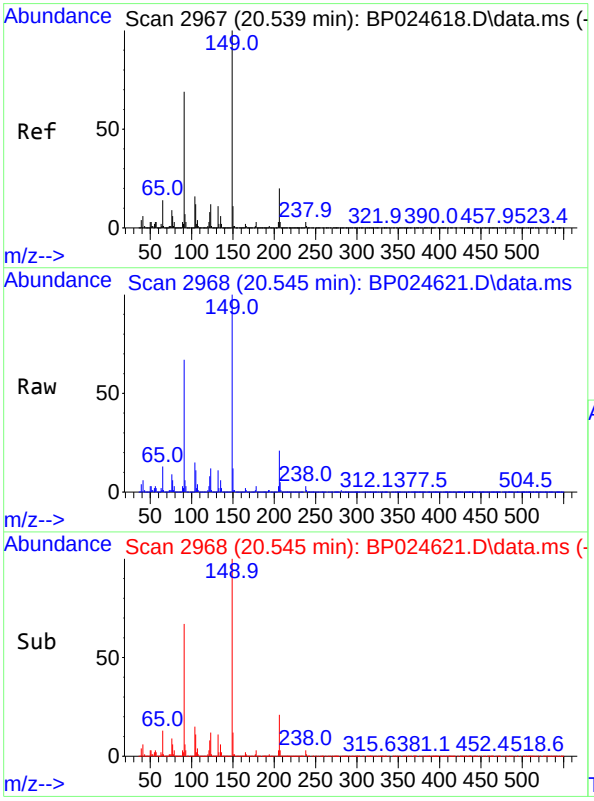
#79
Terphenyl-d14
Concen: 160.11 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 7152255

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	9.1	7.4	11.0

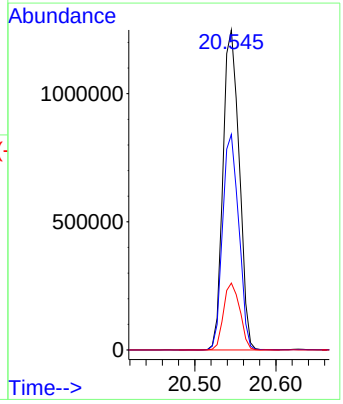


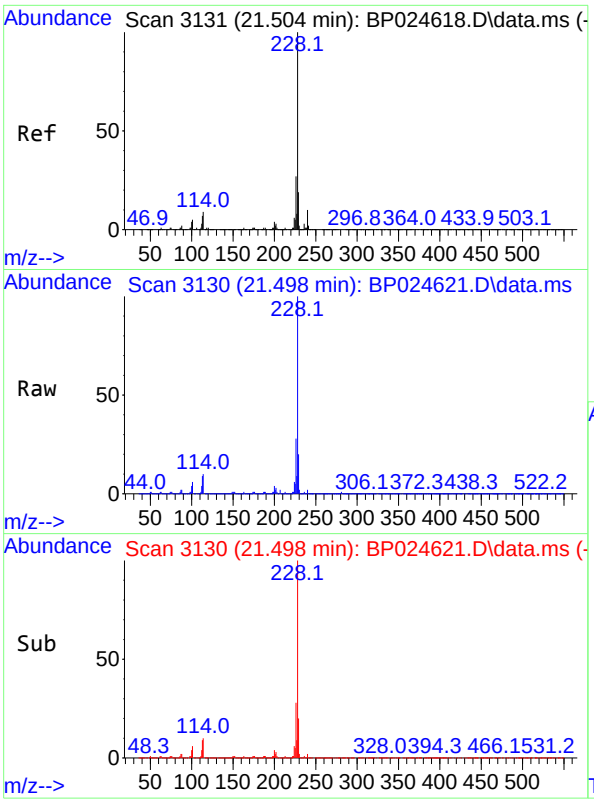


#80
Butylbenzylphthalate
Concen: 85.34 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 1741954

Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.4	83.0
206	20.9	16.2	24.2



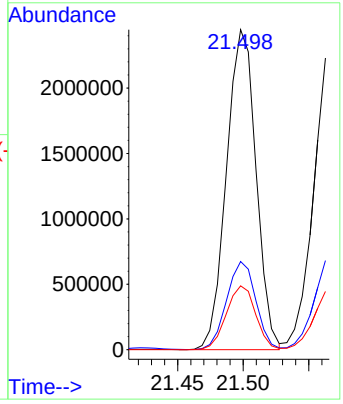


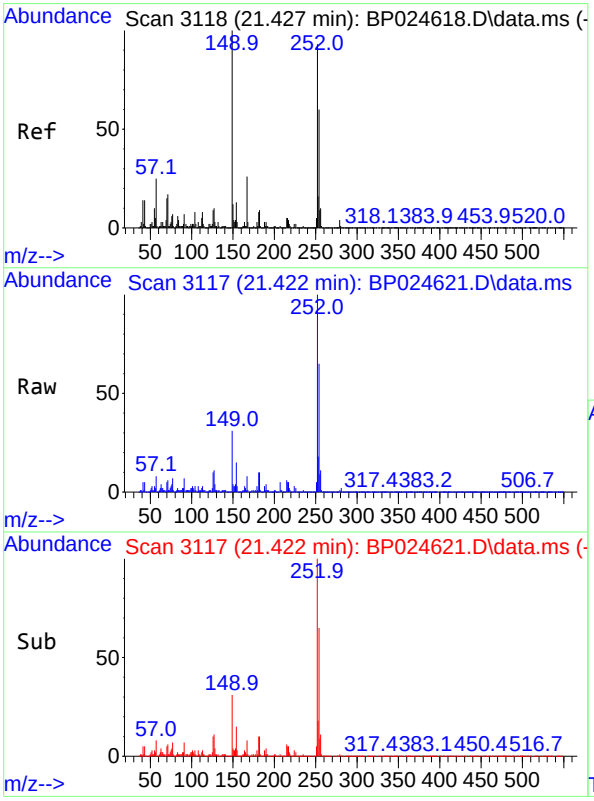
#81
Benzo(a)anthracene
Concen: 79.63 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 3829787

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.0
229	19.9	15.5	23.3

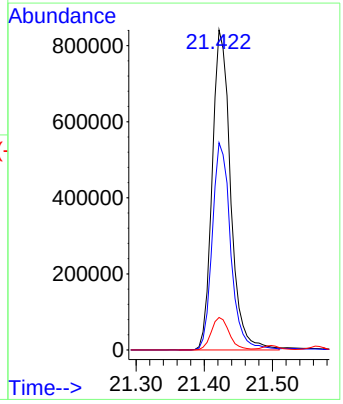


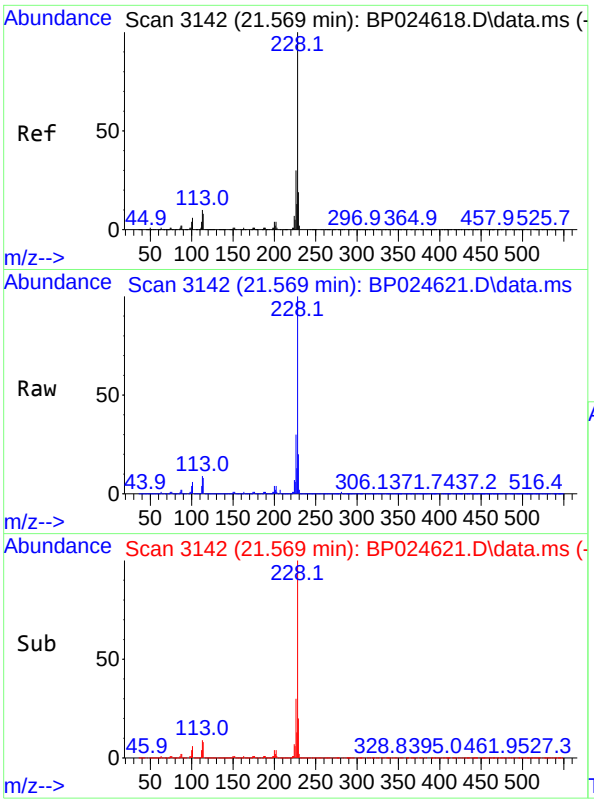


#82
3,3'-Dichlorobenzidine
Concen: 88.21 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 1575691

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	10.2	7.7	11.5



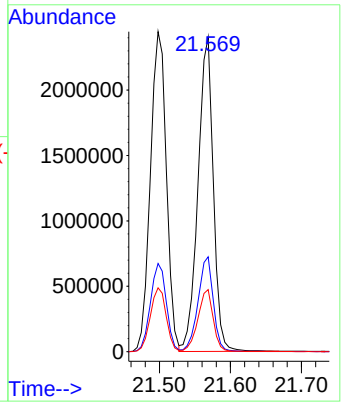


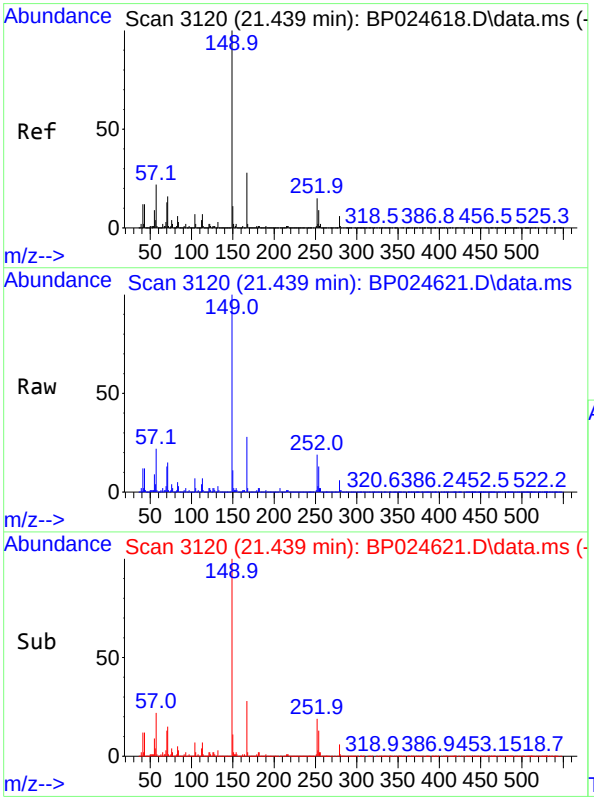
#83
Chrysene
Concen: 79.29 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 3615014

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.5	23.3

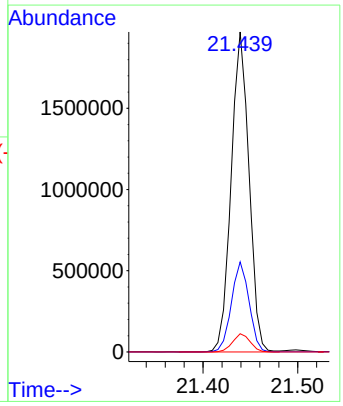


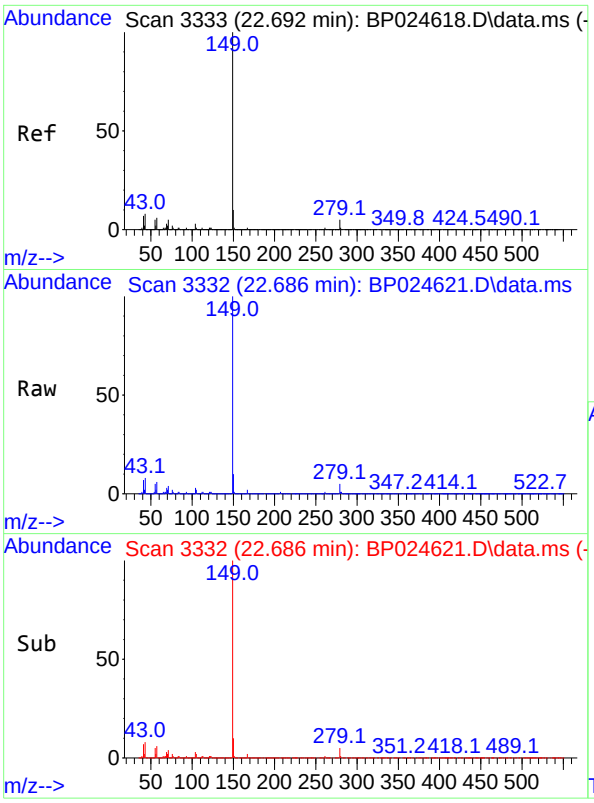


#84
Bis(2-ethylhexyl)phthalate
Concen: 85.91 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2577445

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.7	4.6	6.8



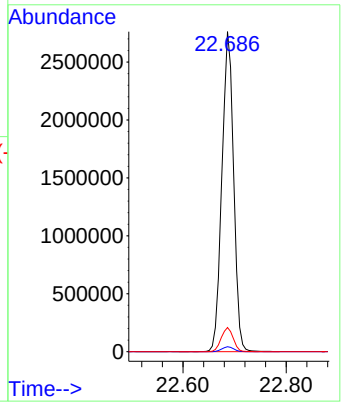


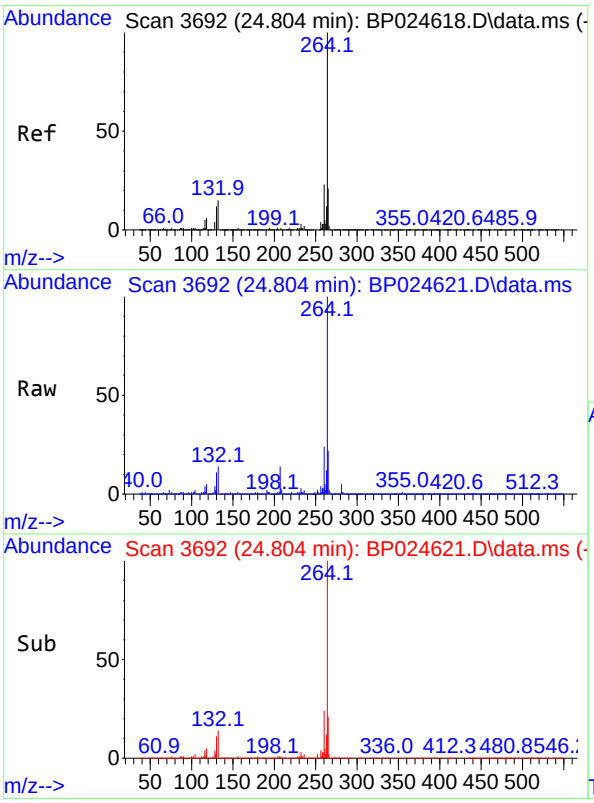
#85
Di-n-octyl phthalate
Concen: 88.50 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4341653

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5

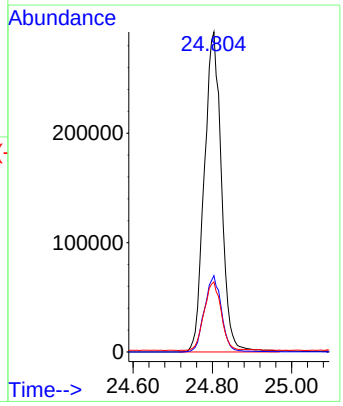


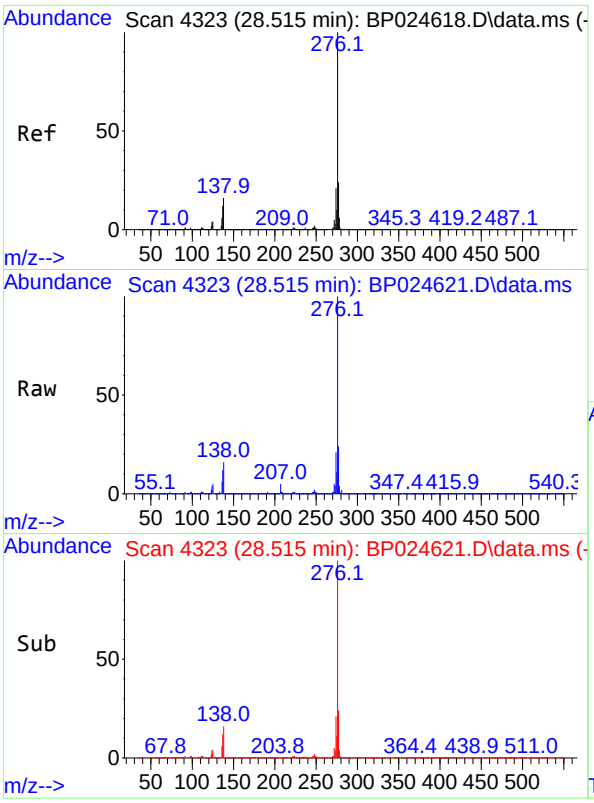


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:264 Resp: 877352

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.0	25.6



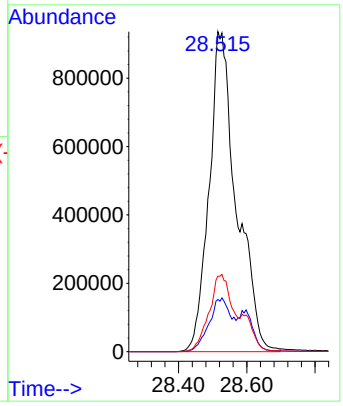


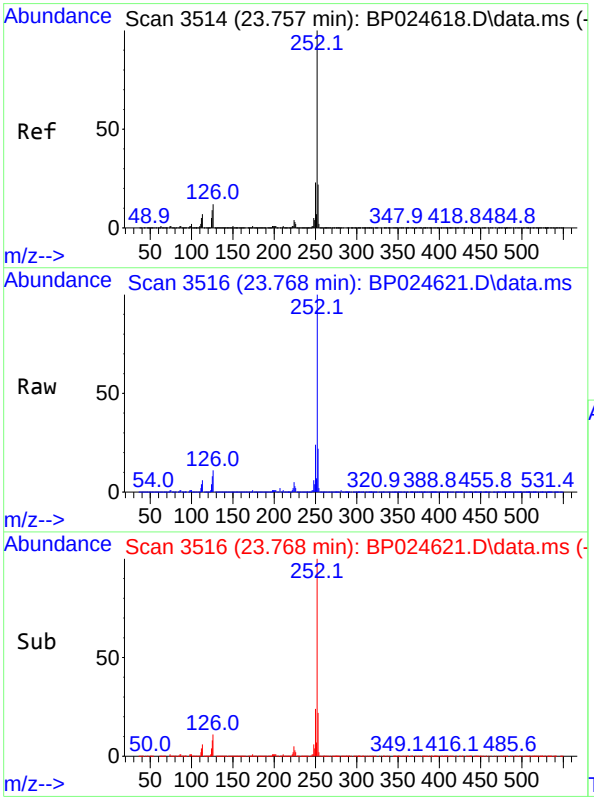
#87
Indeno(1,2,3-cd)pyrene
Concen: 81.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 5243999

Ion	Ratio	Lower	Upper
276	100		
138	13.7	11.2	16.8
277	20.5	15.7	23.5

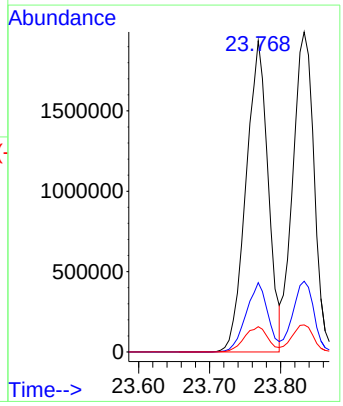


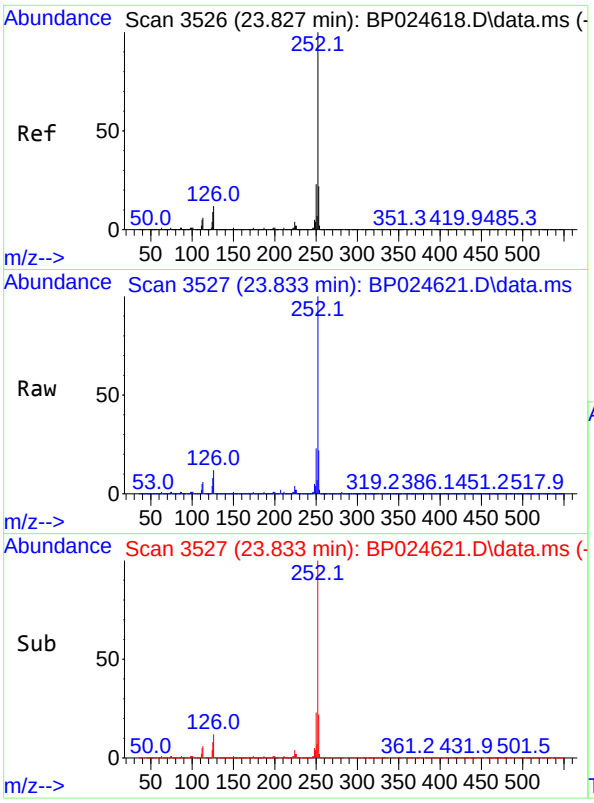


#88
Benzo(b)fluoranthene
Concen: 83.11 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 4173798

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.2	7.5	11.3



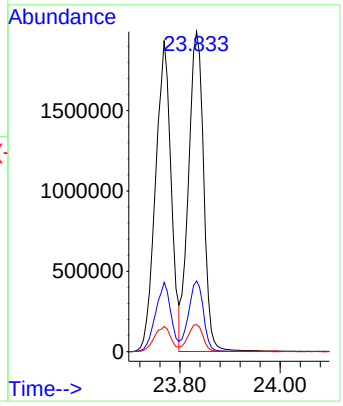


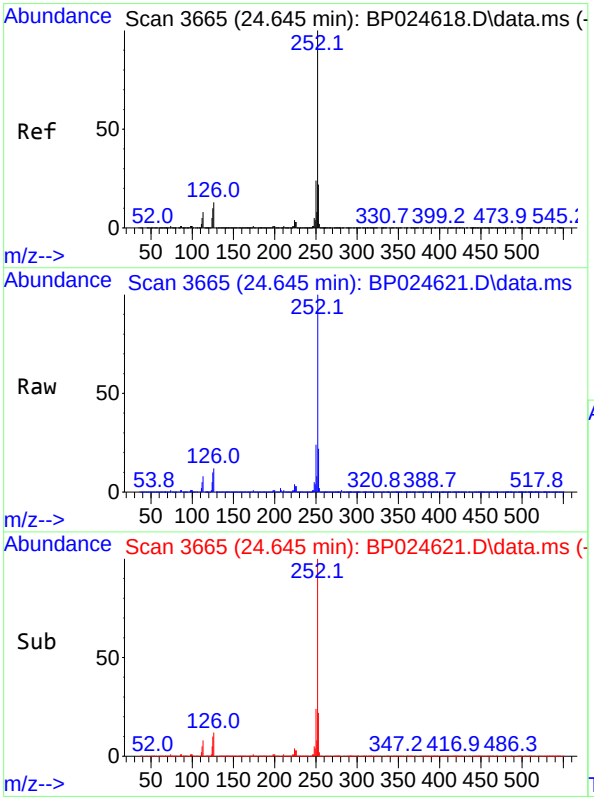
#89
Benzo(k)fluoranthene
Concen: 80.40 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 4160268

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.5	7.0	10.4

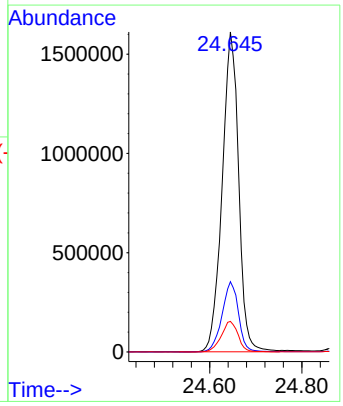


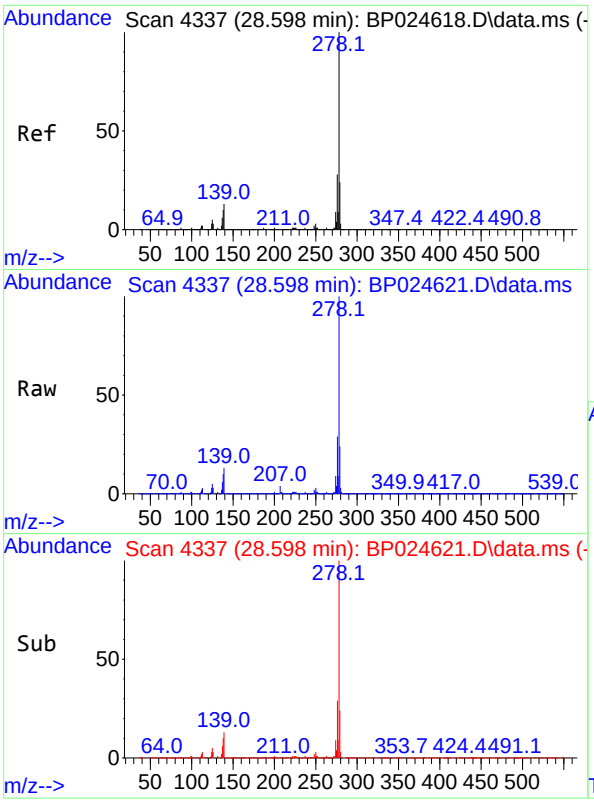


#90
Benzo(a)pyrene
Concen: 82.69 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 3988360

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.5	8.1	12.1



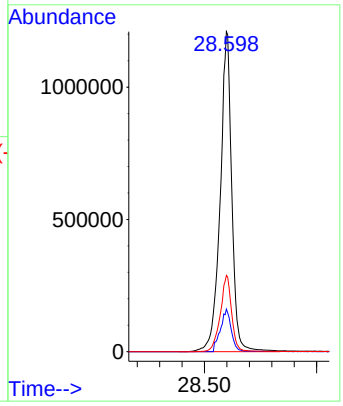


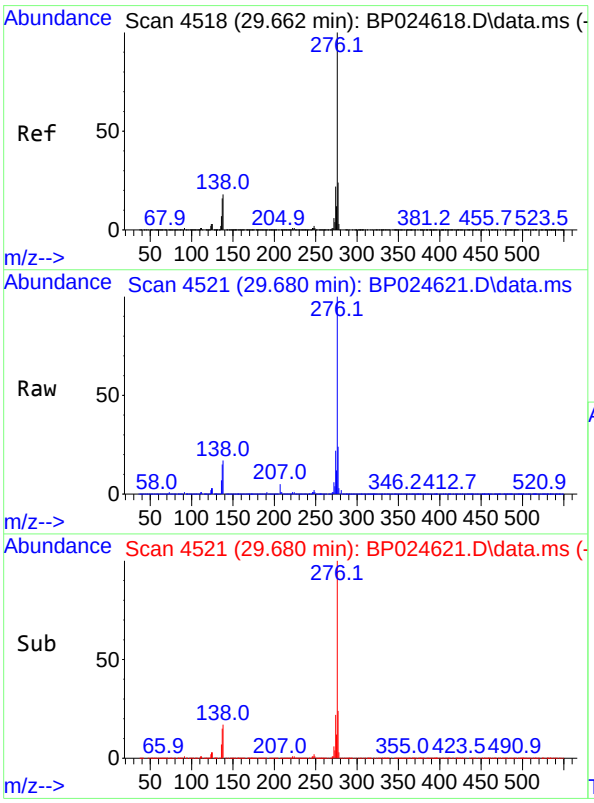
#91
Dibenzo(a,h)anthracene
Concen: 83.26 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 4338518

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.2	15.4
279	23.9	19.0	28.4

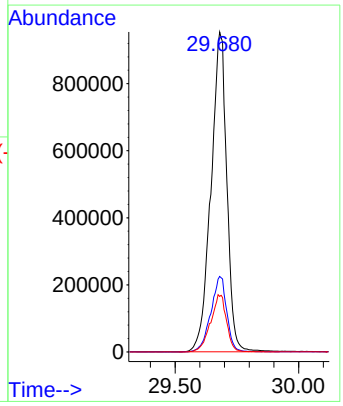




#92
Benzo(g,h,i)perylene
Concen: 82.08 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:276 Resp: 4253459

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	17.3	14.4	21.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	144423	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	621777	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	391112	20.00	ng	-0.01
64) Phenanthrene-d10	17.092	188	780511	20.00	ng	0.00
76) Chrysene-d12	21.521	240	868822	20.00	ng	0.00
86) Perylene-d12	24.815	264	1015341	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	658249	77.95	ng	0.00
7) Phenol-d6	6.852	99	852330	79.09	ng	0.00
23) Nitrobenzene-d5	8.810	82	962660	78.23	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	520660	78.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2290715	76.73	ng	0.00
79) Terphenyl-d14	19.822	244	3889002	76.75	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	145871	36.79	ng	99
3) Pyridine	3.622	79	347515	39.53	ng	97
4) n-Nitrosodimethylamine	3.528	42	147412	37.98	ng	98
6) Aniline	6.999	93	545556	39.21	ng	100
8) 2-Chlorophenol	7.234	128	377358	39.37	ng	97
9) Benzaldehyde	6.816	77	272303	39.03	ng	99
10) Phenol	6.881	94	434788	39.09	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	346744	37.94	ng	99
12) 1,3-Dichlorobenzene	7.552	146	417899	37.89	ng	98
13) 1,4-Dichlorobenzene	7.699	146	420432	37.90	ng	99
14) 1,2-Dichlorobenzene	8.010	146	409587	37.90	ng	99
15) Benzyl Alcohol	7.904	79	332015	40.54	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	416339	38.04	ng	99
17) 2-Methylphenol	8.110	107	316066	39.62	ng	99
18) Hexachloroethane	8.728	117	158167	37.21	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	291961	39.16	ng	99
20) 3+4-Methylphenols	8.434	107	429326	39.56	ng	99
22) Acetophenone	8.475	105	597464	38.47	ng	99
24) Nitrobenzene	8.851	77	416985	38.50	ng	96
25) Isophorone	9.375	82	821637	38.49	ng	99
26) 2-Nitrophenol	9.557	139	218211	41.12	ng	95
27) 2,4-Dimethylphenol	9.622	122	369418	39.48	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	493722	38.71	ng	100
29) 2,4-Dichlorophenol	10.093	162	364373	40.19	ng	97
30) 1,2,4-Trichlorobenzene	10.298	180	389362	38.11	ng	98
31) Naphthalene	10.481	128	1226624	38.07	ng	100
32) Benzoic acid	9.781	122	223660	36.46	ng	98
33) 4-Chloroaniline	10.598	127	524873	40.37	ng	99
34) Hexachlorobutadiene	10.763	225	246776	37.29	ng	98
35) Caprolactam	11.387	113	130399	39.75	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	431344	39.01	ng	100
37) 2-Methylnaphthalene	12.098	142	789724	37.85	ng	99
38) 1-Methylnaphthalene	12.316	142	833521	37.34	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	444420	39.13	ng	100
41) Hexachlorocyclopentadiene	12.445	237	305575	44.37	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	305651	41.55	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	336252	41.06	ng	97
46) 1,1'-Biphenyl	13.116	154	1124669	38.91	ng	99
47) 2-Chloronaphthalene	13.157	162	864853	39.24	ng	98
48) 2-Nitroaniline	13.369	65	264965	40.60	ng	97
49) Acenaphthylene	14.010	152	1419821	38.49	ng	100
50) Dimethylphthalate	13.751	163	1155211	38.75	ng	99
51) 2,6-Dinitrotoluene	13.875	165	247537	39.32	ng	99
52) Acenaphthene	14.357	154	803755	37.90	ng	99
53) 3-Nitroaniline	14.210	138	262737	40.87	ng	100
54) 2,4-Dinitrophenol	14.428	184	135624	37.83	ng	96
55) Dibenzofuran	14.698	168	1282228	37.91	ng	99
56) 4-Nitrophenol	14.545	139	202528	38.70	ng	97
57) 2,4-Dinitrotoluene	14.675	165	354817	39.97	ng	99
58) Fluorene	15.357	166	1059642	38.42	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	298327	39.27	ng	99
60) Diethylphthalate	15.134	149	1150091	38.17	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	526066	38.25	ng	99
62) 4-Nitroaniline	15.398	138	265185	42.72	ng	98
63) Azobenzene	15.657	77	1000653	38.82	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	203200	40.30	ng	98
66) n-Nitrosodiphenylamine	15.575	169	920187	38.38	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	357846	38.91	ng	97
68) Hexachlorobenzene	16.386	284	446142	38.18	ng	99
69) Atrazine	16.551	200	347661	39.57	ng	99
70) Pentachlorophenol	16.739	266	269781	41.12	ng	99
71) Phenanthrene	17.133	178	1629118	37.55	ng	99
72) Anthracene	17.228	178	1669395	38.24	ng	100
73) Carbazole	17.510	167	1563685	39.57	ng	99
74) Di-n-butylphthalate	18.098	149	1978741	38.94	ng	100
75) Fluoranthene	19.222	202	1956043	38.57	ng	100
77) Benzidine	19.422	184	1023514	43.25	ng	99
78) Pyrene	19.604	202	1992845	38.28	ng	100
80) Butylbenzylphthalate	20.557	149	938210	40.52	ng	96
81) Benzo(a)anthracene	21.510	228	2121561	38.89	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	861323	42.51	ng	100
83) Chrysene	21.574	228	1976940	38.23	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1375919	40.43	ng	100
85) Di-n-octyl phthalate	22.698	149	2321673	41.72	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2879864m	38.85	ng	
88) Benzo(b)fluoranthene	23.768	252	2283322	39.29	ng	100
89) Benzo(k)fluoranthene	23.833	252	2289000	38.22	ng	100
90) Benzo(a)pyrene	24.668	252	2177020	39.00	ng	99
91) Dibenzo(a,h)anthracene	28.615	278	2374558	39.38	ng	100
92) Benzo(g,h,i)perylene	29.686	276	2333151	38.91	ng	100

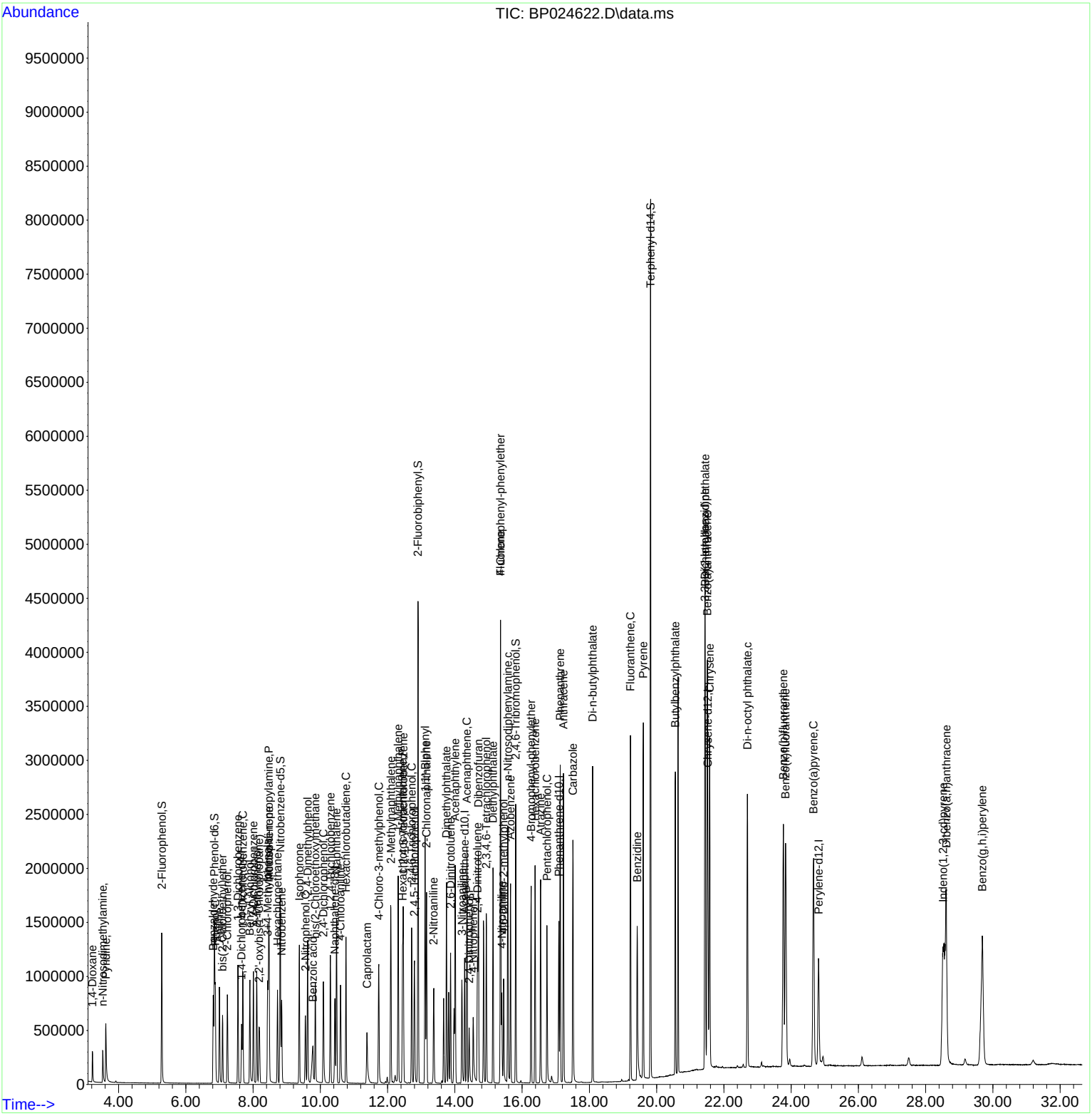
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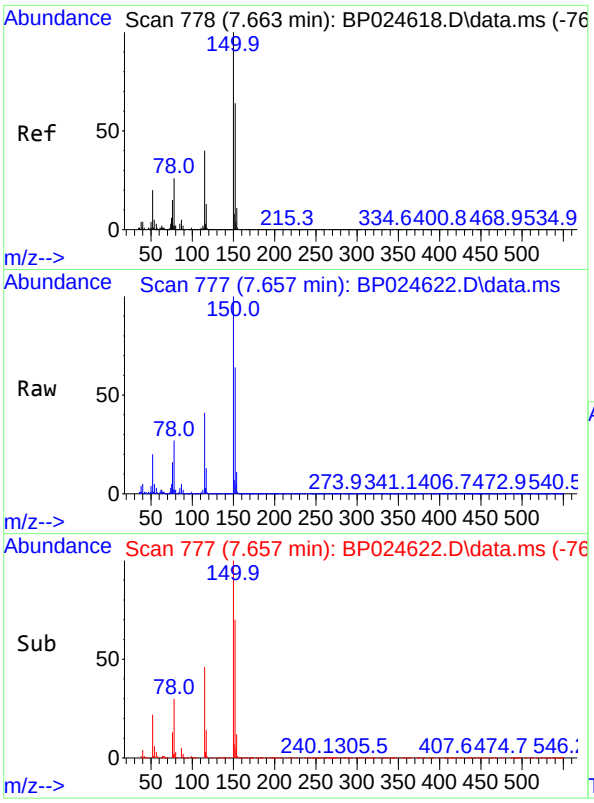
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



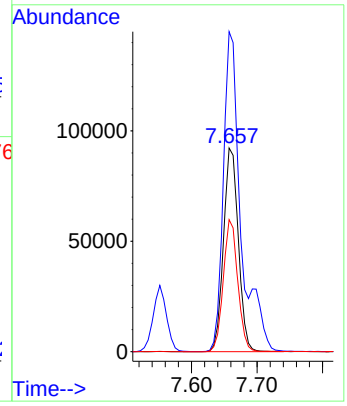


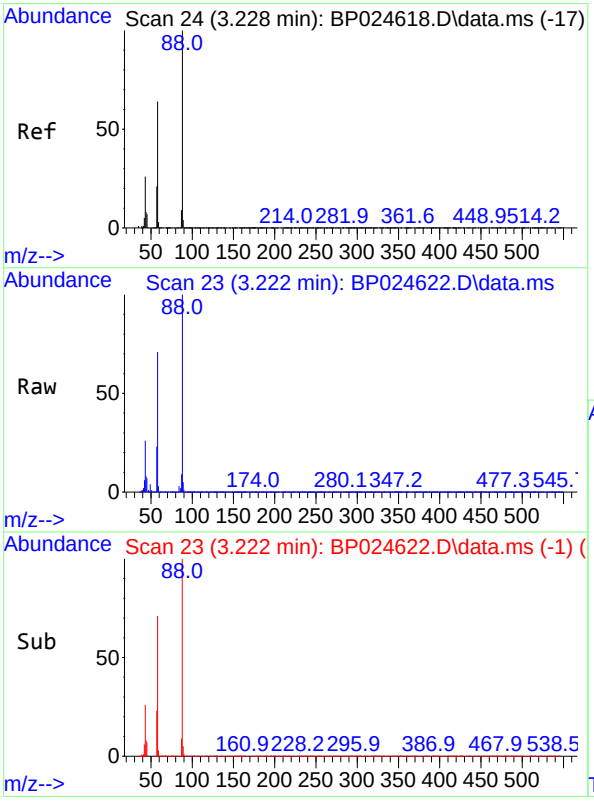
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:152 Resp: 144423

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.9	188.9
115	64.8	50.1	75.1

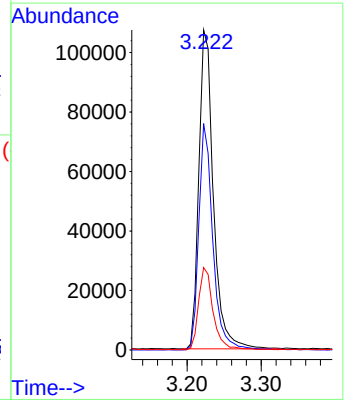


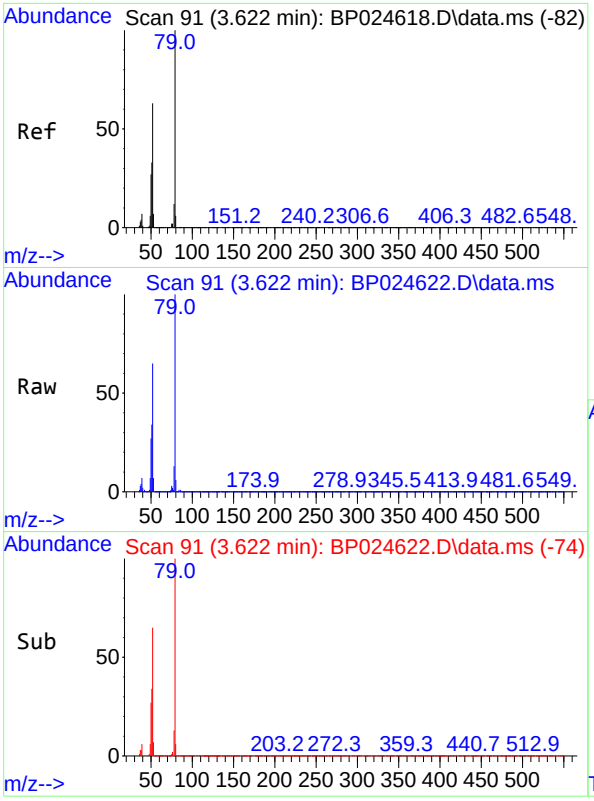


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 88 Resp: 145871

Ion	Ratio	Lower	Upper
88	100		
58	68.6	54.0	81.0
43	25.9	21.4	32.0



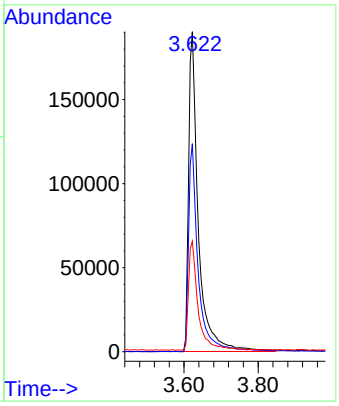


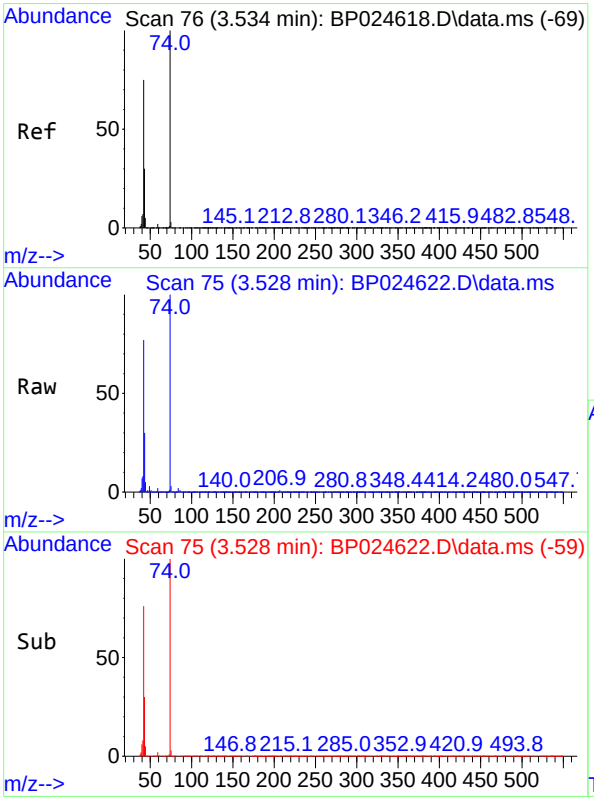
#3
Pyridine
Concen: 39.53 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 79 Resp: 347515

Ion	Ratio	Lower	Upper
79	100		
52	65.0	50.2	75.2
51	34.5	26.8	40.2

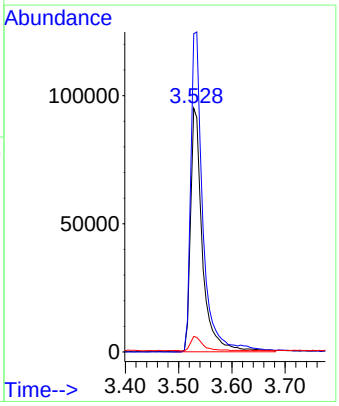


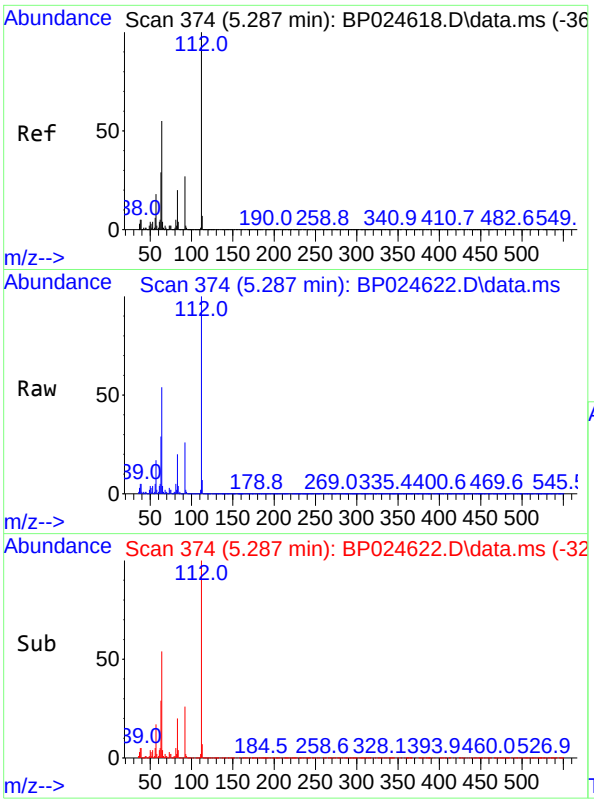


#4
n-Nitrosodimethylamine
Concen: 37.98 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 42 Resp: 147412

Ion	Ratio	Lower	Upper
42	100		
74	130.6	106.2	159.2
44	6.4	5.4	8.2



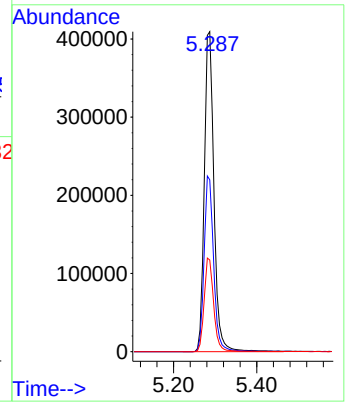


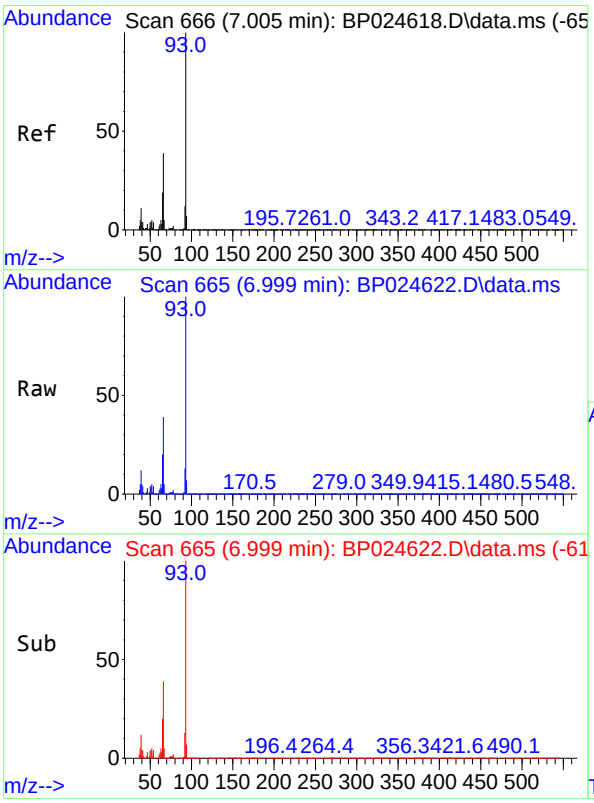
#5
2-Fluorophenol
Concen: 77.95 ng
RT: 5.287 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:112 Resp: 658249

Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.1	66.1
63	28.7	23.5	35.3

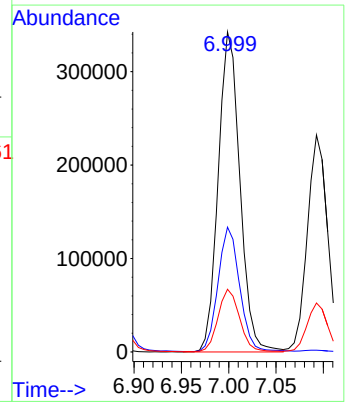


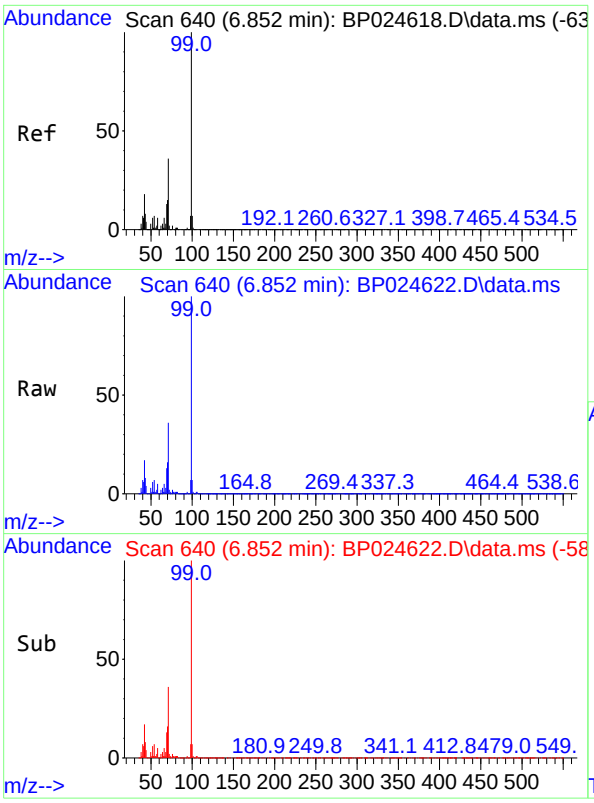


#6
Aniline
Concen: 39.21 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 93 Resp: 545556

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.0	46.6
65	19.6	15.5	23.3



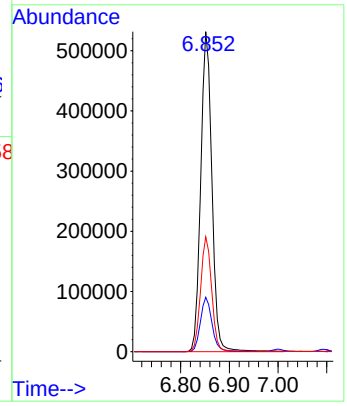


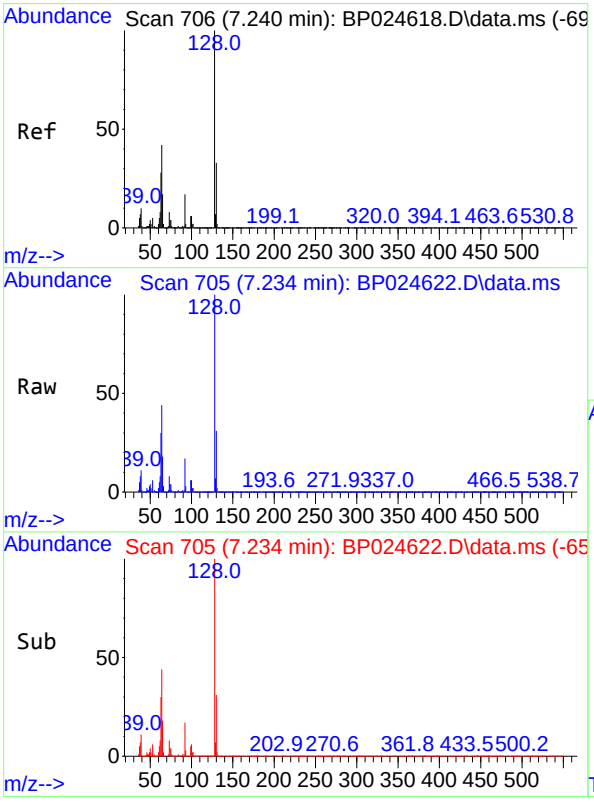
#7
Phenol-d6
Concen: 79.09 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 99 Resp: 852330

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.4	21.6
71	35.9	29.2	43.8

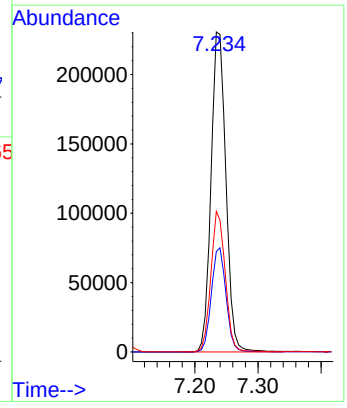


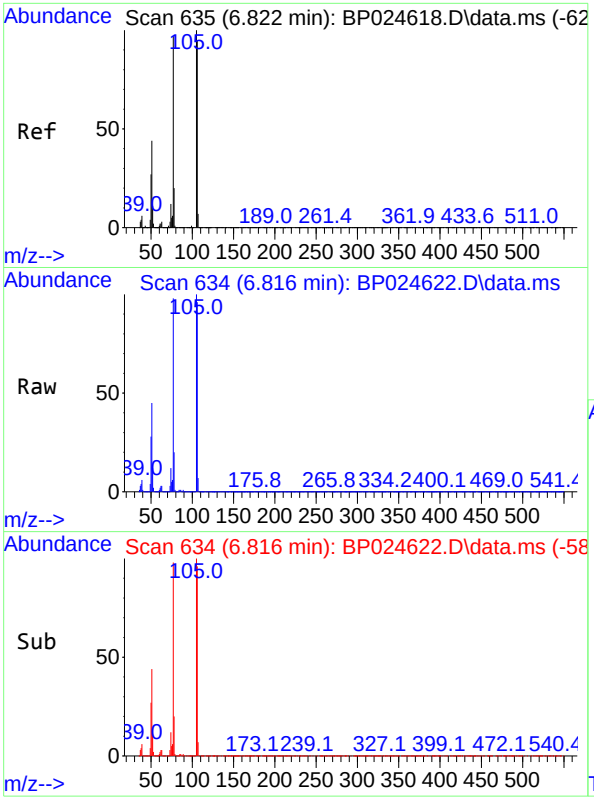


#8
2-Chlorophenol
Concen: 39.37 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:128 Resp: 377358

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.0	53.0
64	43.9	22.3	62.3



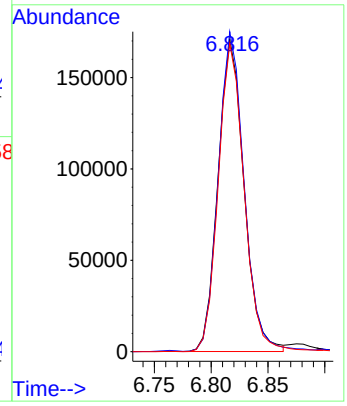


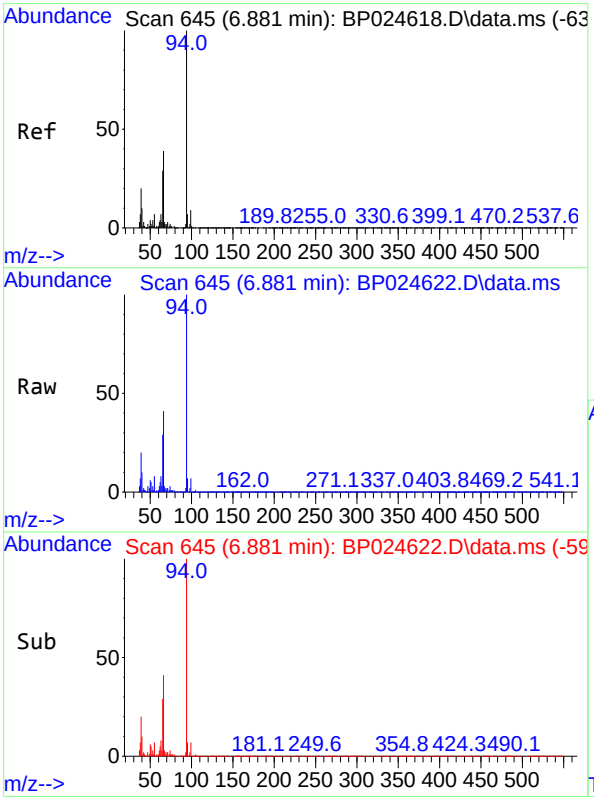
#9
Benzaldehyde
Concen: 39.03 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 77 Resp: 272303

Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.3	123.3
106	98.5	78.0	118.0

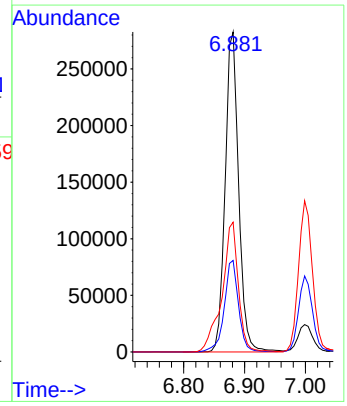


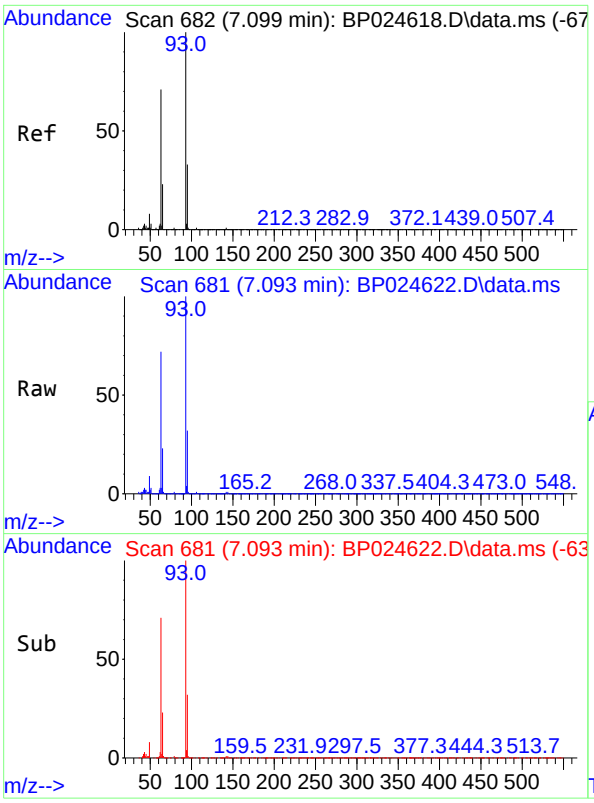


#10
Phenol
Concen: 39.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 94 Resp: 434788

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	40.5	19.4	59.4



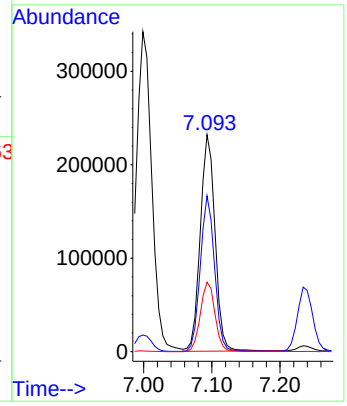


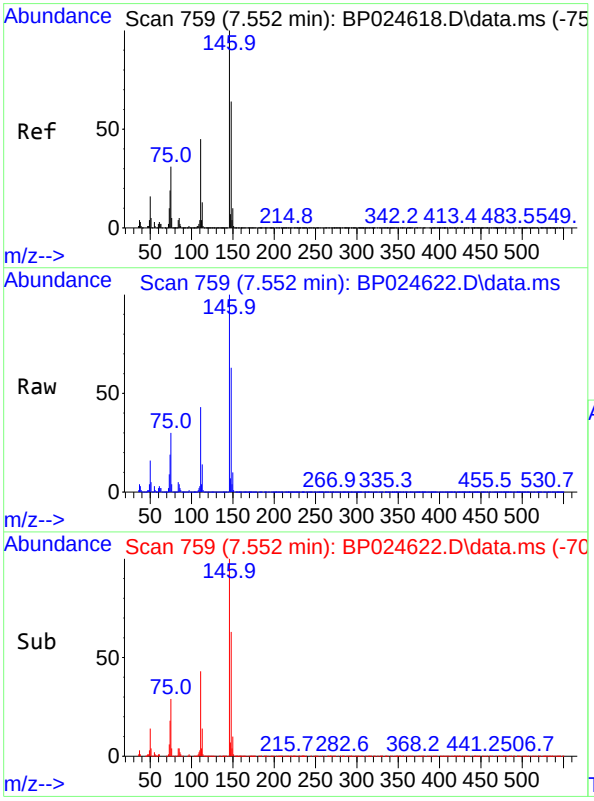
#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 93 Resp: 346744

Ion	Ratio	Lower	Upper
93	100		
63	71.9	50.6	90.6
95	32.1	12.9	52.9

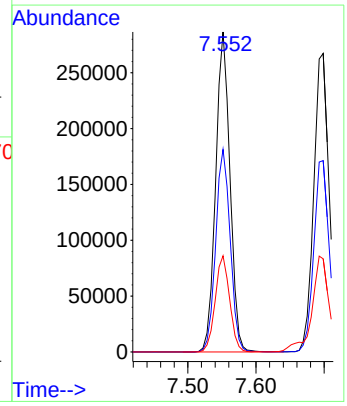


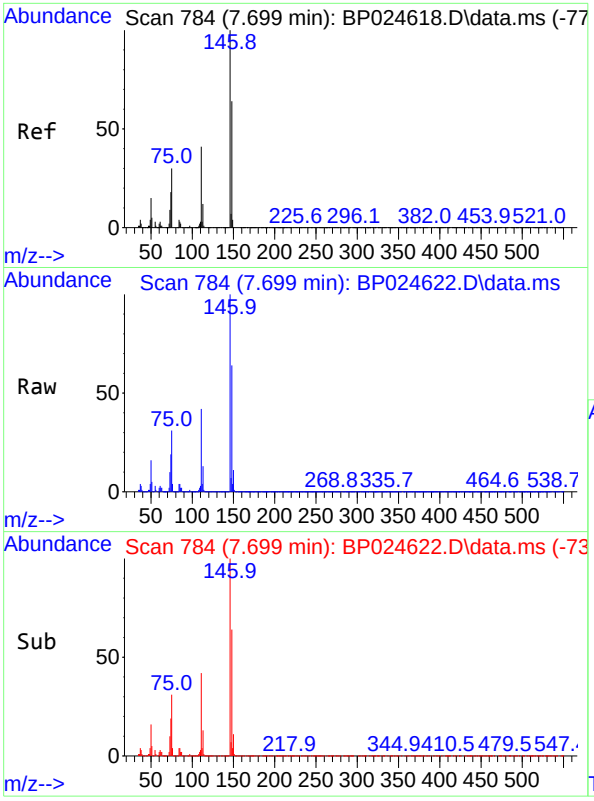


#12
1,3-Dichlorobenzene
Concen: 37.89 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:146 Resp: 417899

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	30.1	25.2	37.8



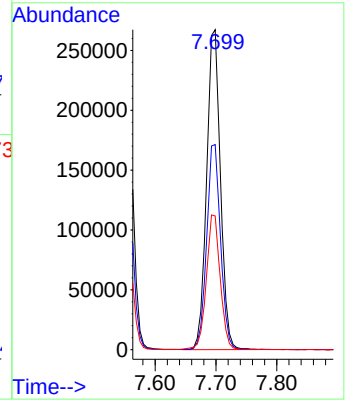


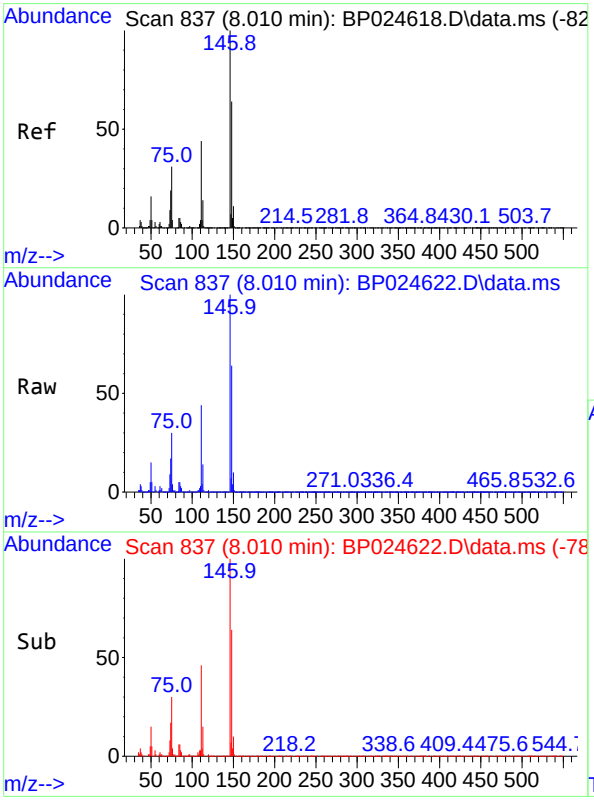
#13
1,4-Dichlorobenzene
Concen: 37.90 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:146 Resp: 420432

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	41.8	33.0	49.6

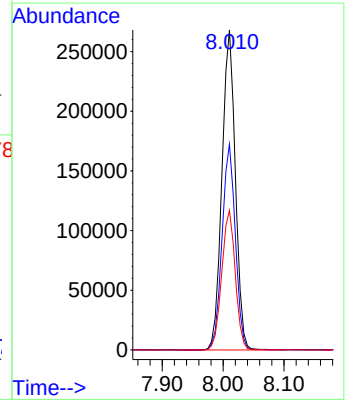


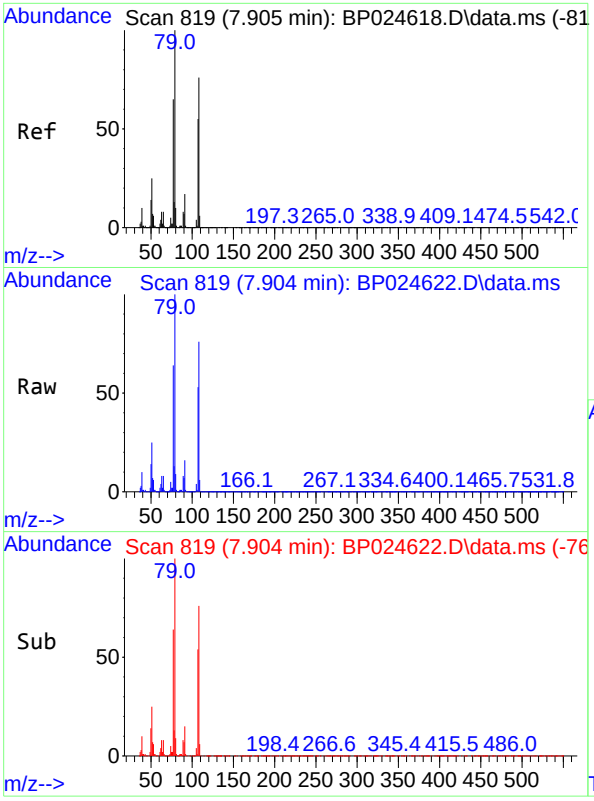


#14
1,2-Dichlorobenzene
Concen: 37.90 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:146 Resp: 409587

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
111	43.6	35.2	52.8



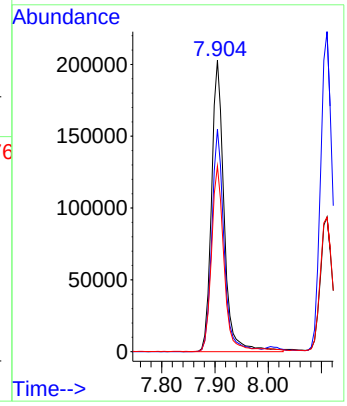


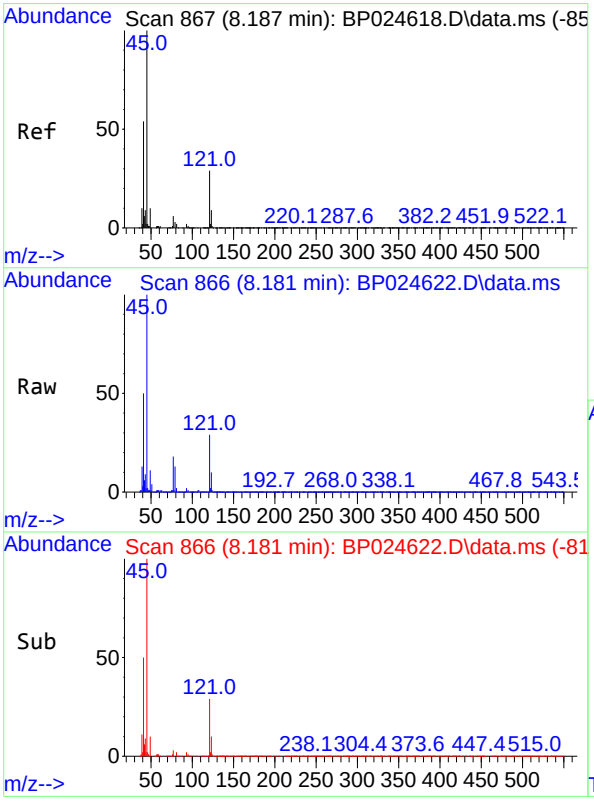
#15
Benzyl Alcohol
Concen: 40.54 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 79 Resp: 332015

Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.8	91.2
77	63.7	51.9	77.9

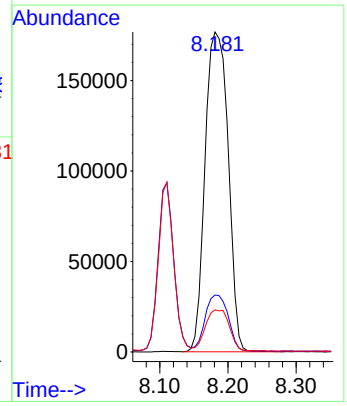


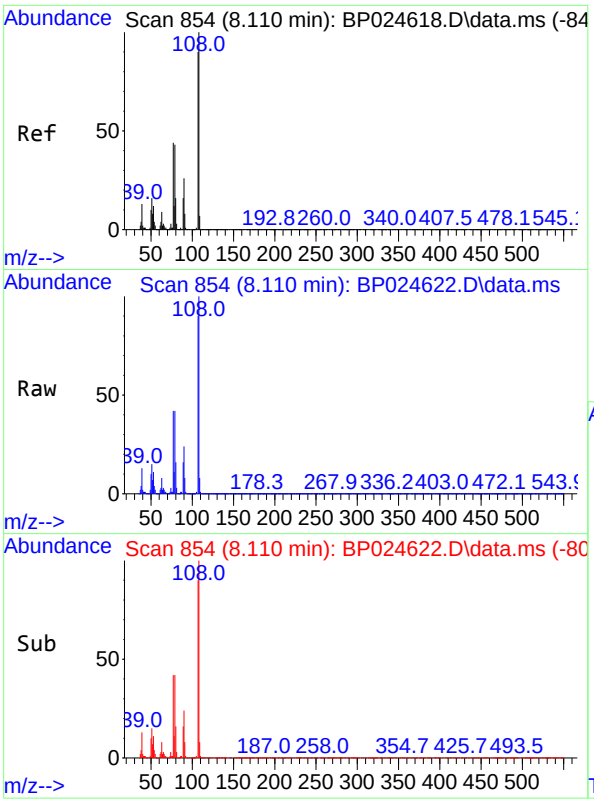


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.04 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 45 Resp: 416339

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.2	0.0	34.0



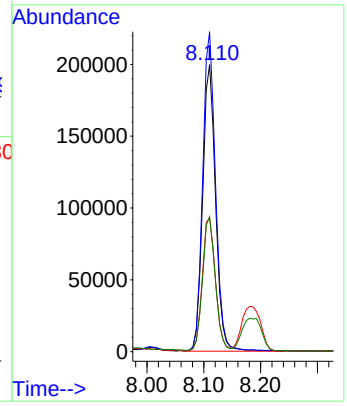


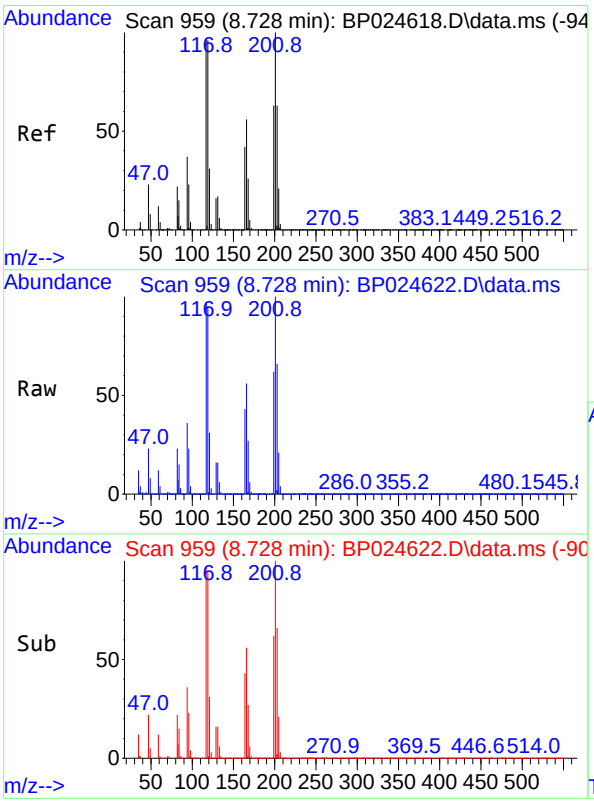
#17
2-Methylphenol
Concen: 39.62 ng
RT: 8.110 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:107 Resp: 316066

Ion	Ratio	Lower	Upper
107	100		
108	111.5	88.9	133.3
77	46.8	39.0	58.6
79	47.0	38.4	57.6

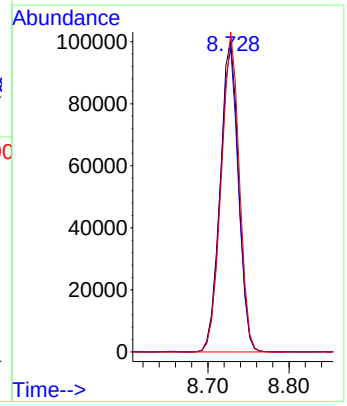


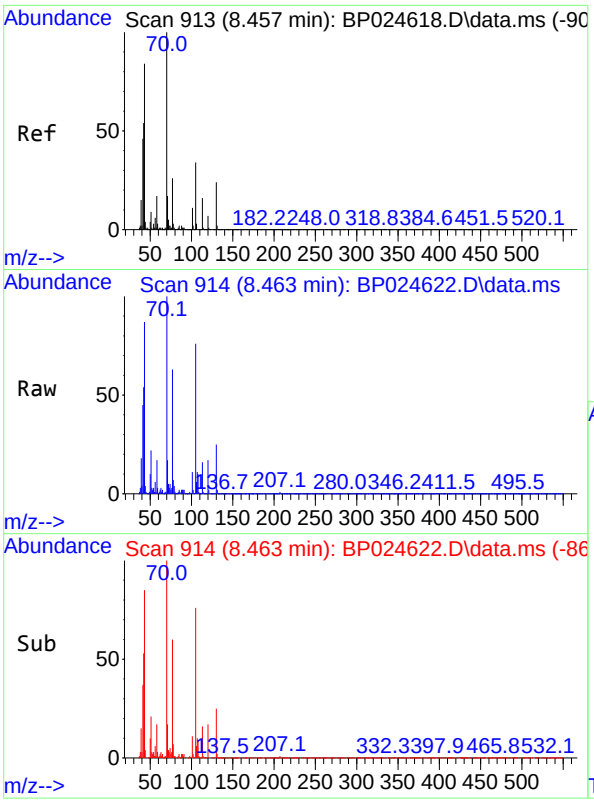


#18
Hexachloroethane
Concen: 37.21 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:117 Resp: 158167

Ion	Ratio	Lower	Upper
117	100		
119	97.9	79.4	119.0
201	103.0	82.7	124.1



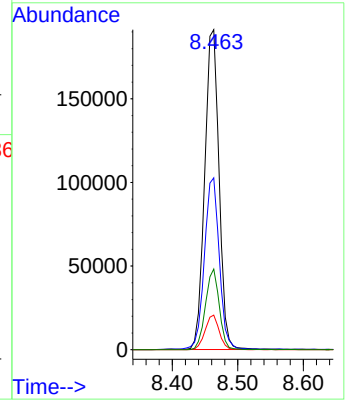


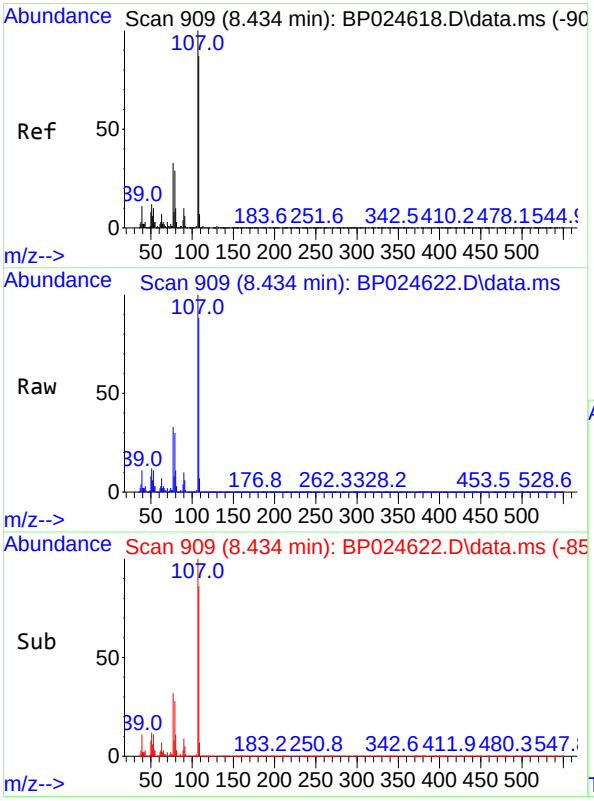
#19
n-Nitroso-di-n-propylamine
Concen: 39.16 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 70 Resp: 291961

Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.0	64.6
101	10.8	8.7	13.1
130	25.2	19.4	29.0

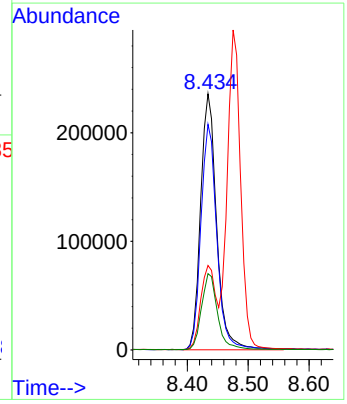


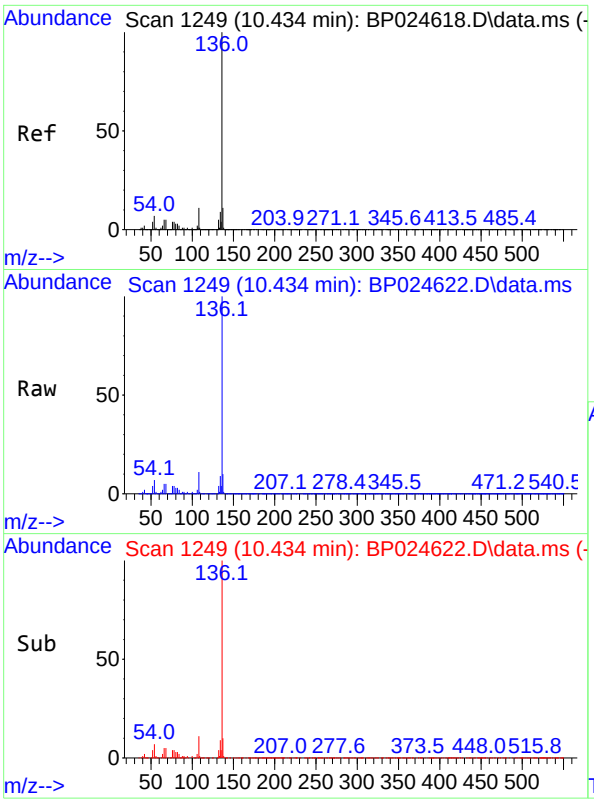


#20
3+4-Methylphenols
Concen: 39.56 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 429326

Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	33.0	13.1	53.1
79	29.8	8.9	48.9



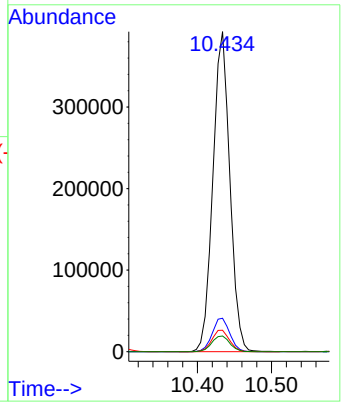


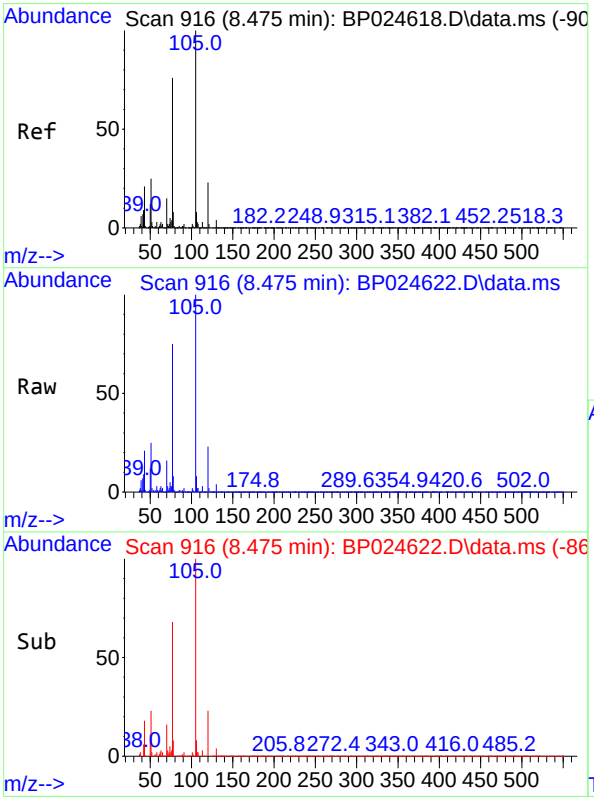
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:136 Resp: 621777

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.7	5.5	8.3
68	4.9	4.2	6.2

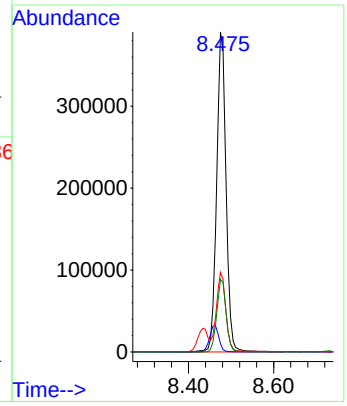


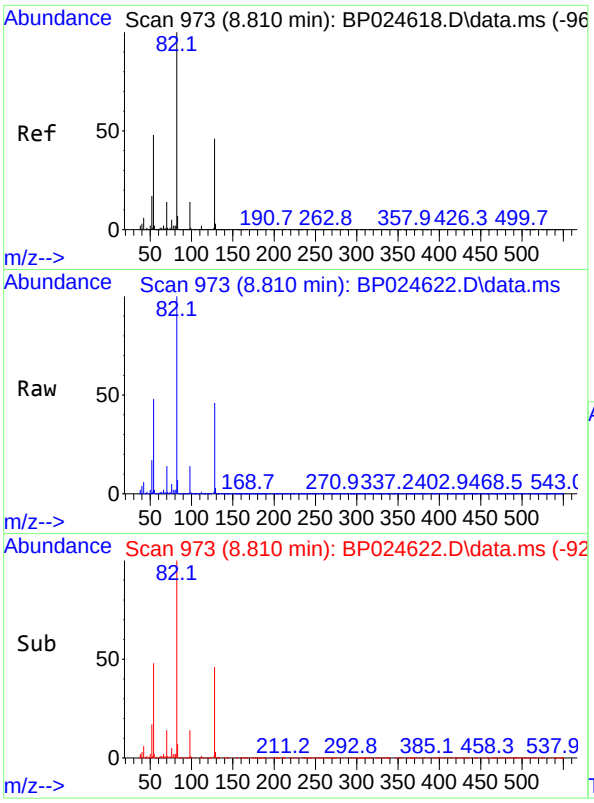


#22
Acetophenone
Concen: 38.47 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:105 Resp: 597464

Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.0	3.0
51	24.9	20.4	30.6
120	22.7	18.1	27.1



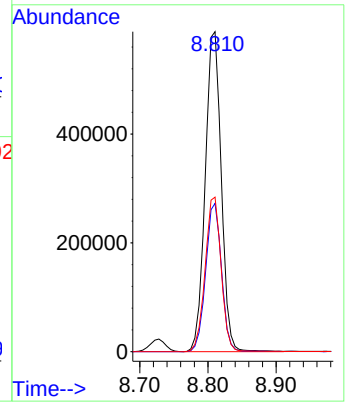


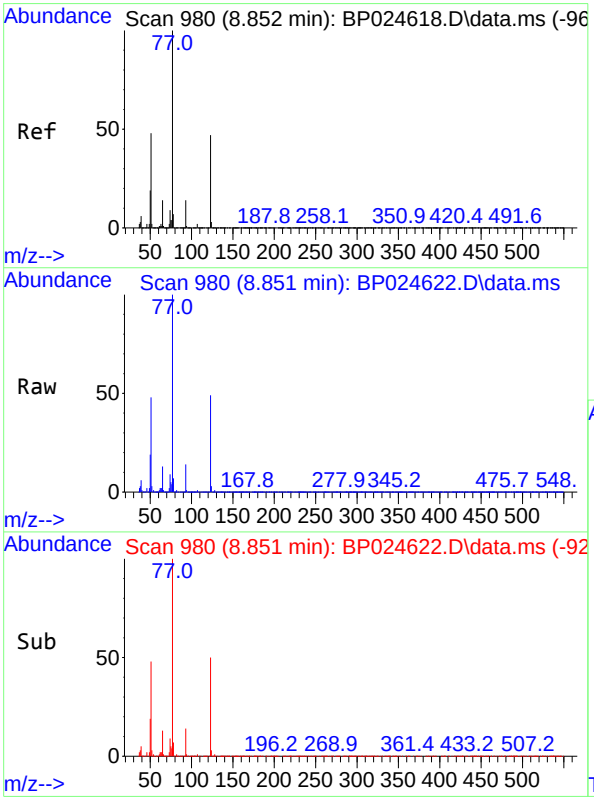
#23
Nitrobenzene-d5
Concen: 78.23 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 82 Resp: 962660

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	48.3	38.7	58.1

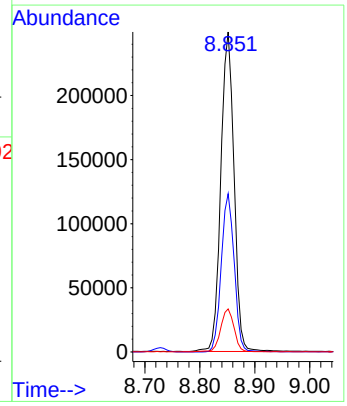


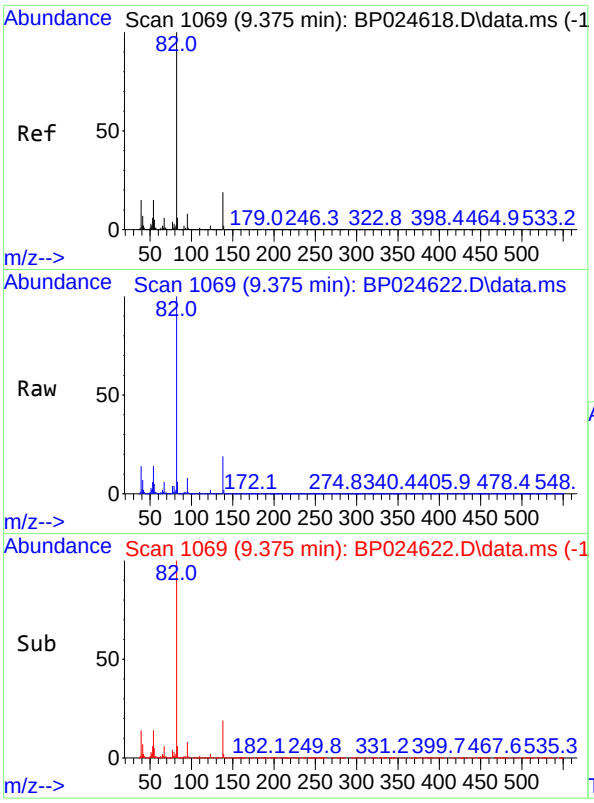


#24
Nitrobenzene
Concen: 38.50 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 77 Resp: 416985

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.4	56.0
65	13.5	11.3	16.9



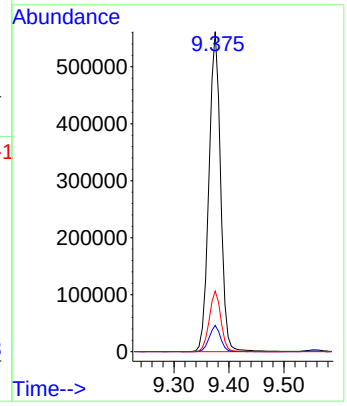


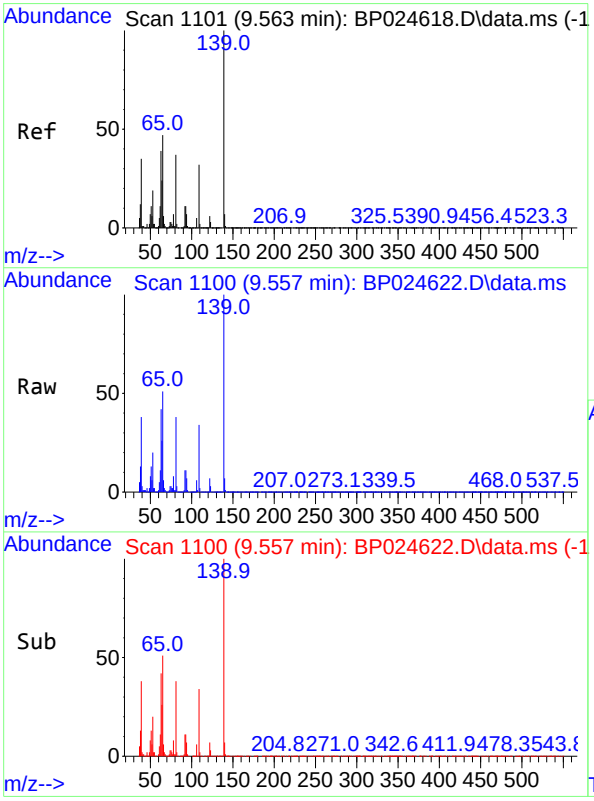
#25
Isophorone
Concen: 38.49 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 82 Resp: 821637

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.3	9.5
138	18.9	15.3	22.9

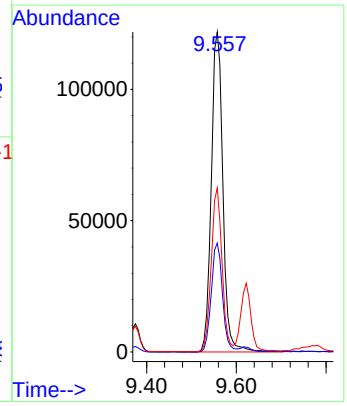


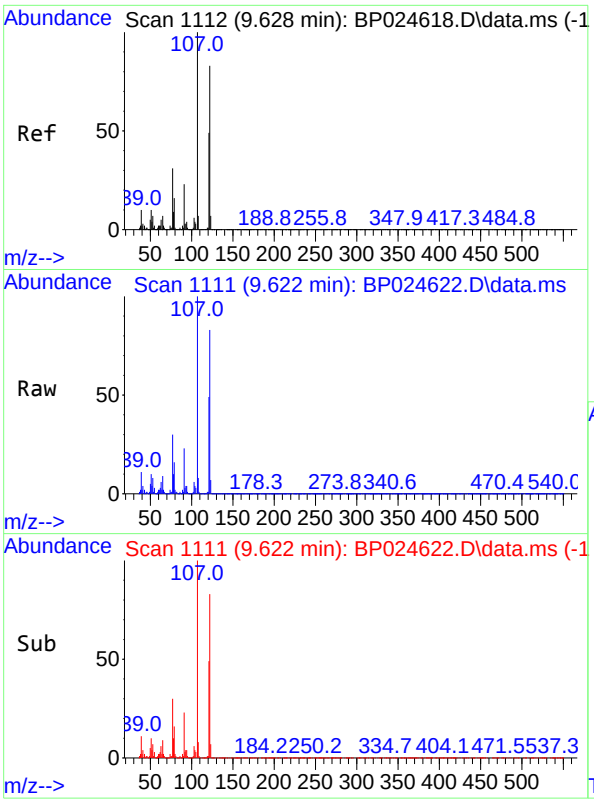


#26
2-Nitrophenol
Concen: 41.12 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 218211

Ion	Ratio	Lower	Upper
139	100		
109	34.0	25.9	38.9
65	51.3	37.9	56.9



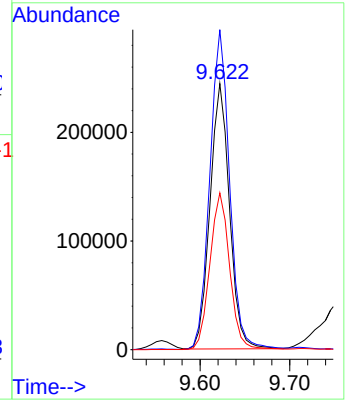


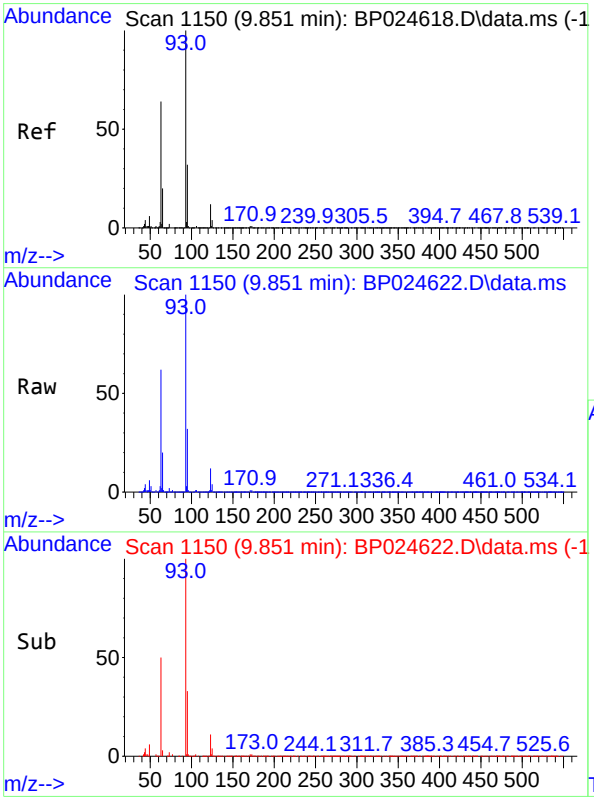
#27
2,4-Dimethylphenol
Concen: 39.48 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:122 Resp: 369418

Ion	Ratio	Lower	Upper
122	100		
107	120.3	96.2	144.2
121	58.9	47.6	71.4

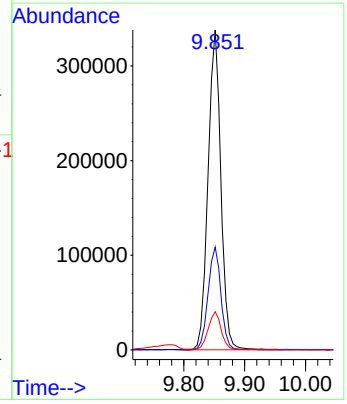


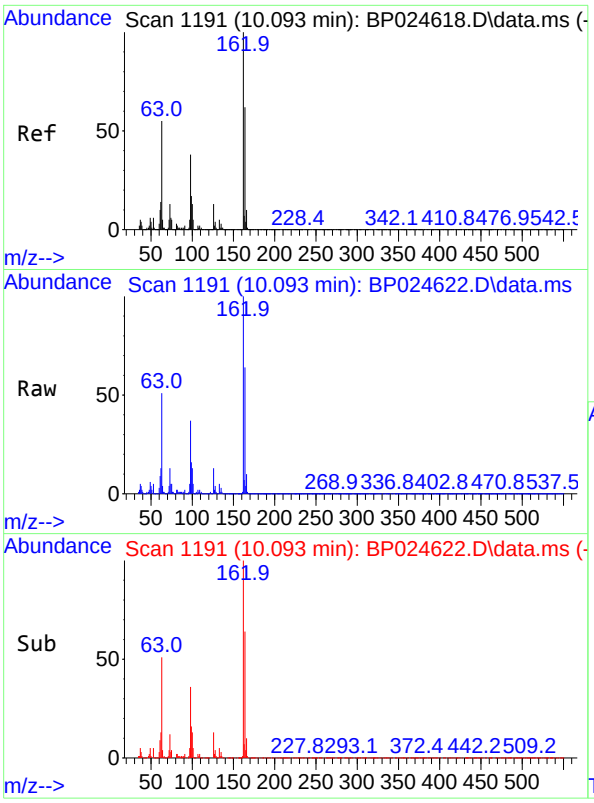


#28
bis(2-Chloroethoxy)methane
Concen: 38.71 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 93 Resp: 493722

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	12.0	9.7	14.5



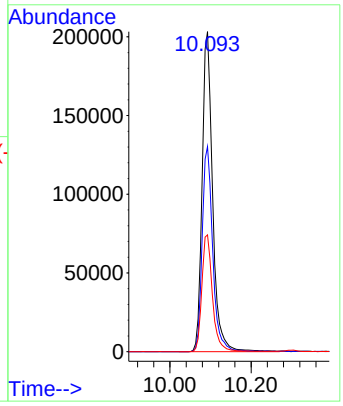


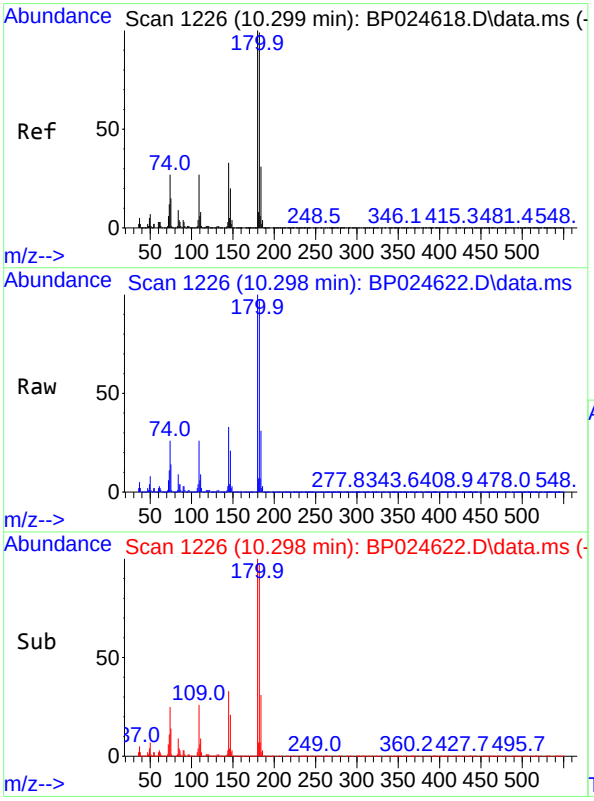
#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:162 Resp: 364373

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	36.5	18.4	58.4

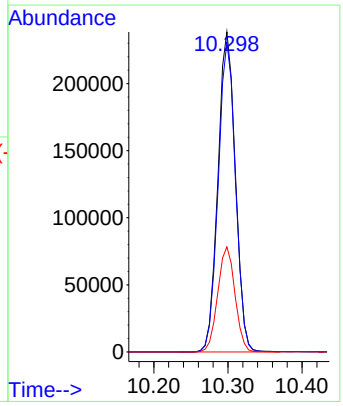


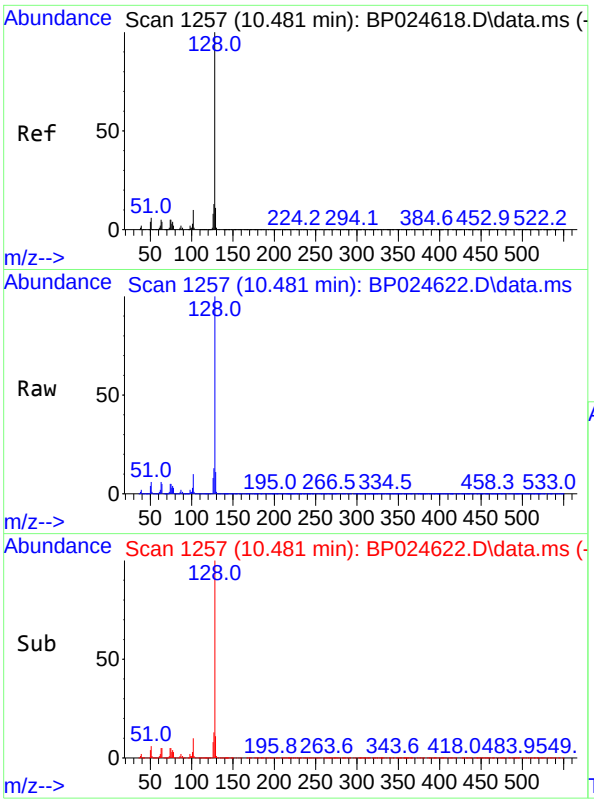


#30
1,2,4-Trichlorobenzene
Concen: 38.11 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:180 Resp: 389362

Ion	Ratio	Lower	Upper
180	100		
182	96.8	79.0	118.4
145	32.9	26.6	39.8



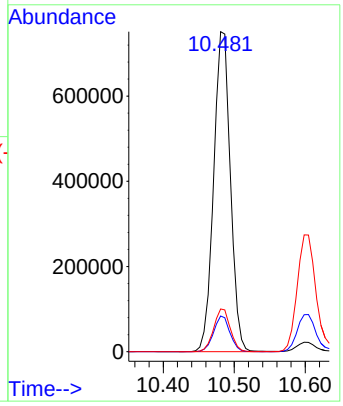


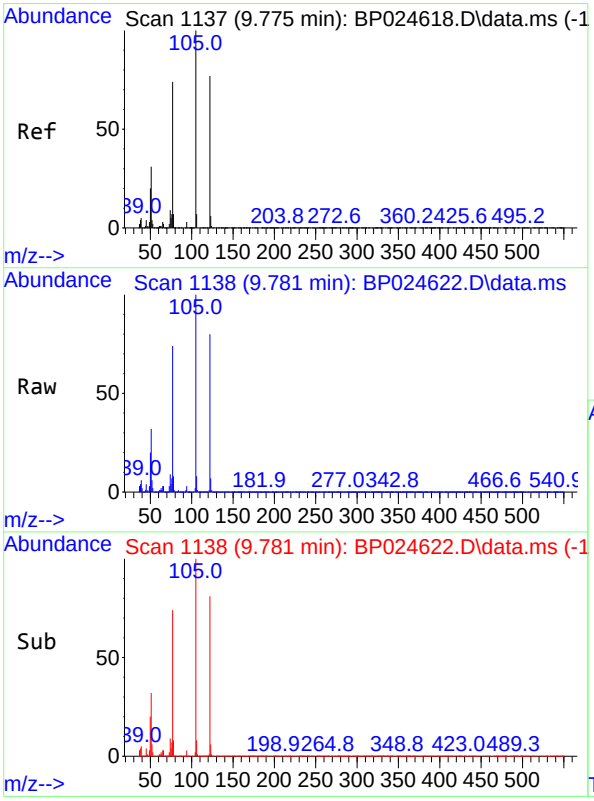
#31
Naphthalene
Concen: 38.07 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:128 Resp: 1226624

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.7	16.1

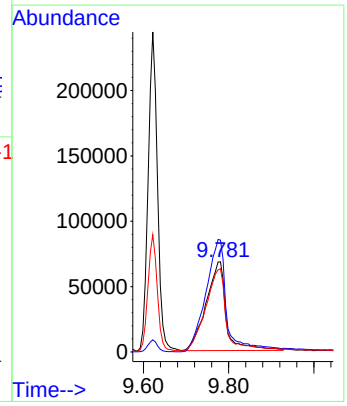


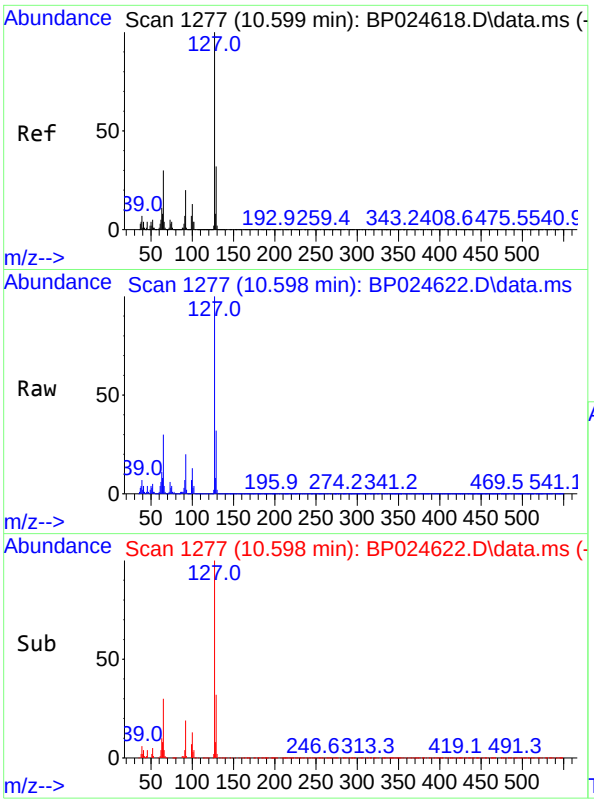


#32
Benzoic acid
Concen: 36.46 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:122 Resp: 223660

Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.9	146.9
77	92.5	75.1	115.1



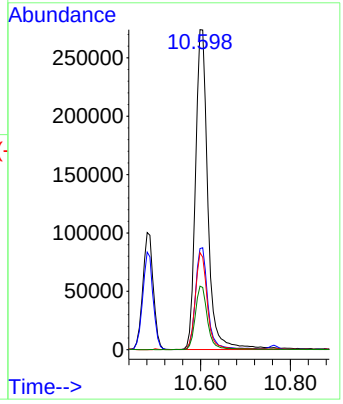


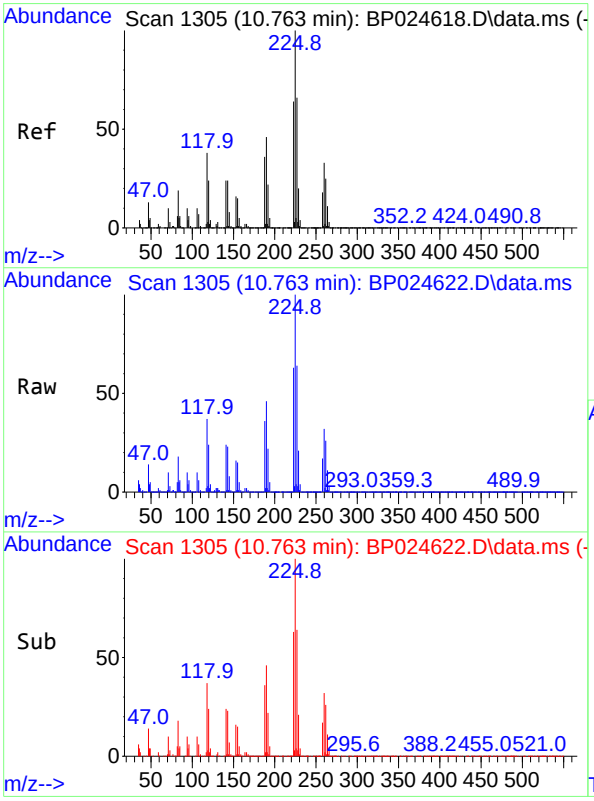
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:127 Resp: 524873

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	30.3	23.9	35.9
92	19.9	16.1	24.1

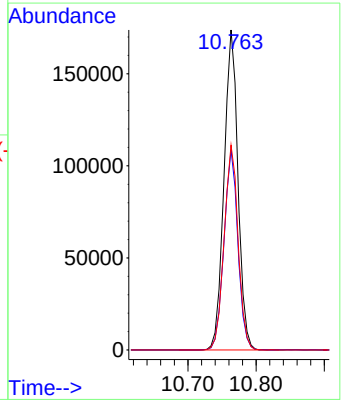


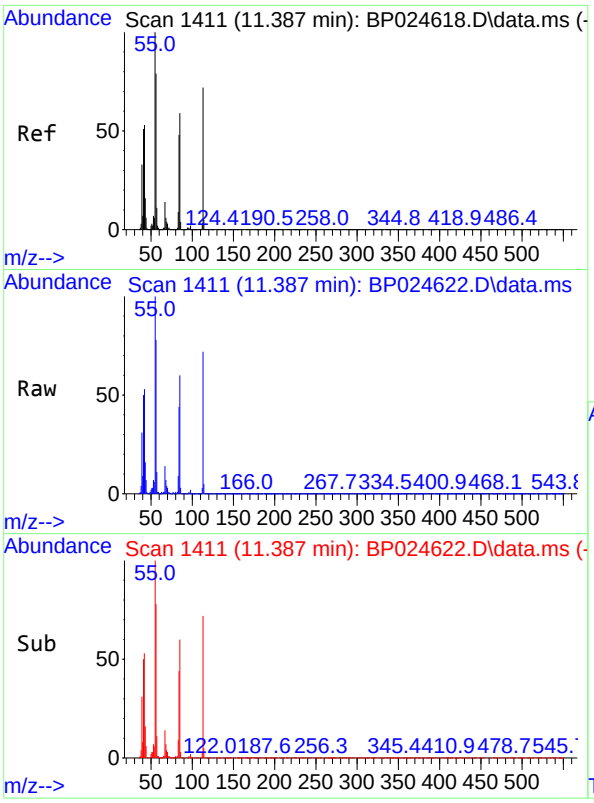


#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:225 Resp: 246776

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.0	53.1	79.7



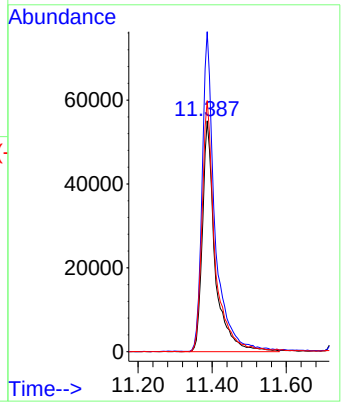


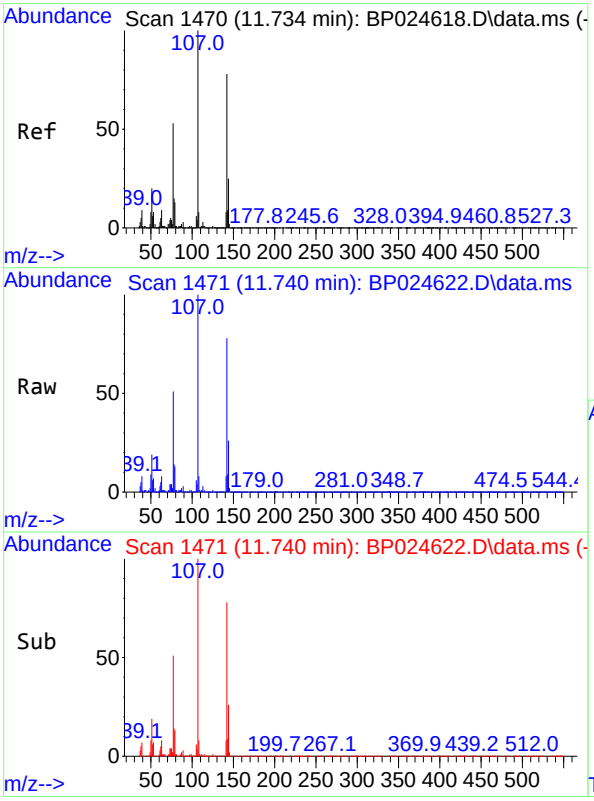
#35
Caprolactam
Concen: 39.75 ng
RT: 11.387 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:113 Resp: 130399

Ion	Ratio	Lower	Upper
113	100		
55	138.6	119.0	159.0
56	108.8	90.3	130.3

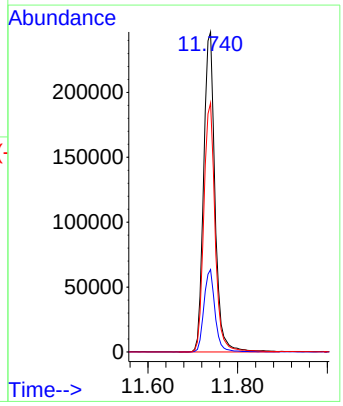


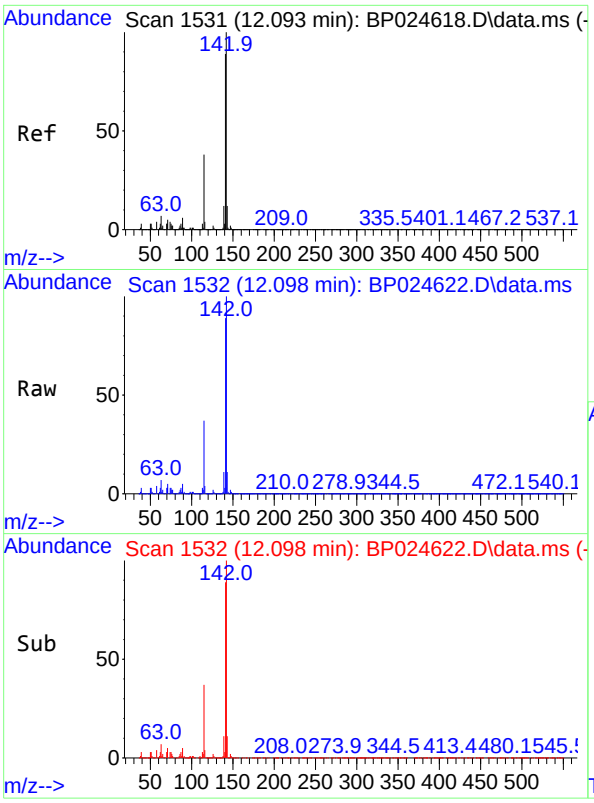


#36
4-Chloro-3-methylphenol
Concen: 39.01 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 431344

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.1	30.1
142	77.8	62.1	93.1



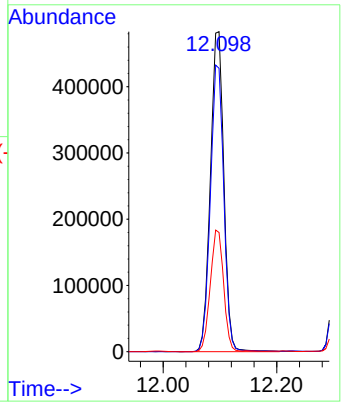


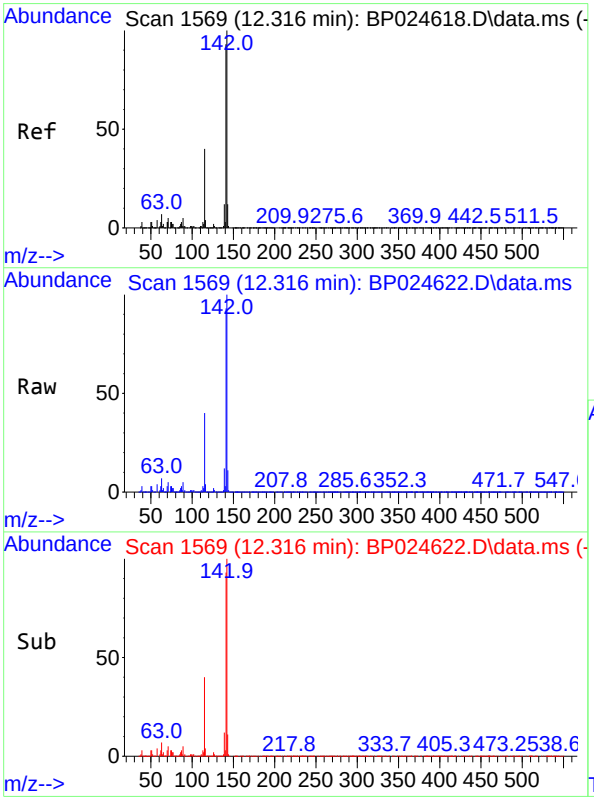
#37
2-Methylnaphthalene
Concen: 37.85 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:142 Resp: 789724

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	37.2	30.6	46.0

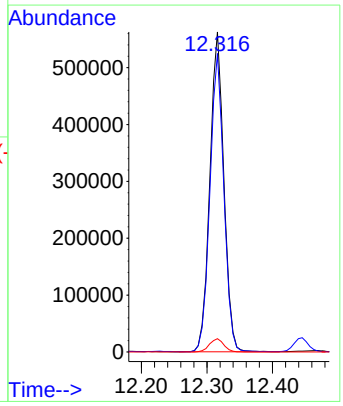


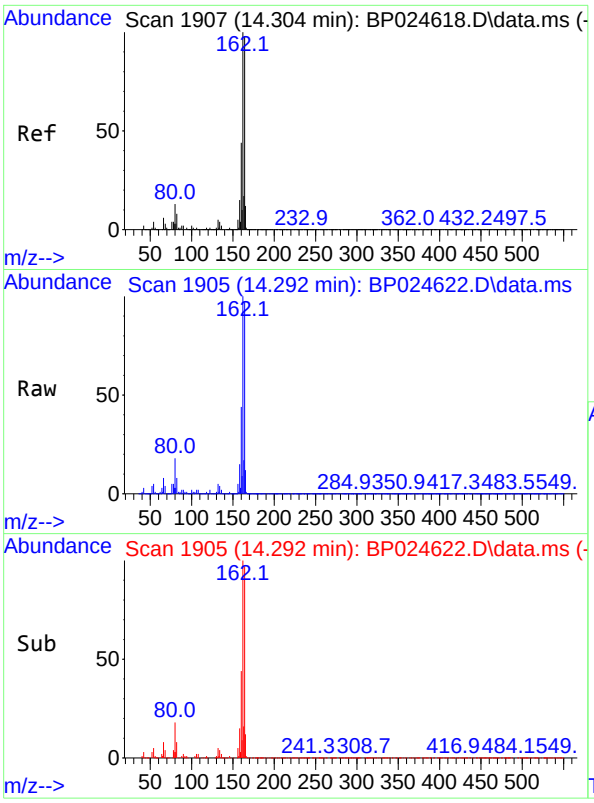


#38
1-Methylnaphthalene
Concen: 37.34 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:142 Resp: 833521

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.7	112.1
116	4.2	3.4	5.2



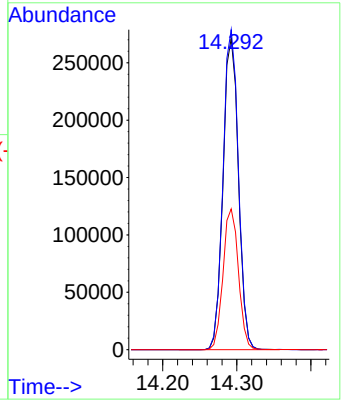


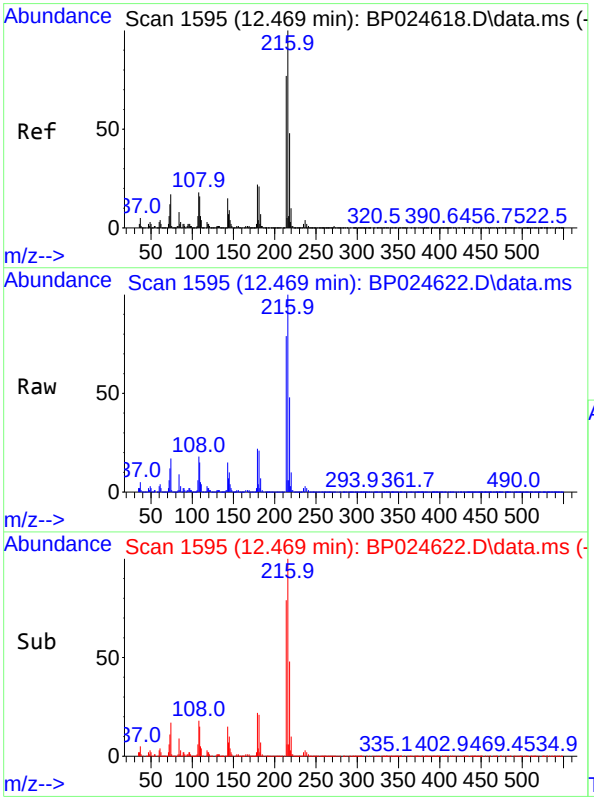
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:164 Resp: 391112

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.6
160	45.2	36.3	54.5

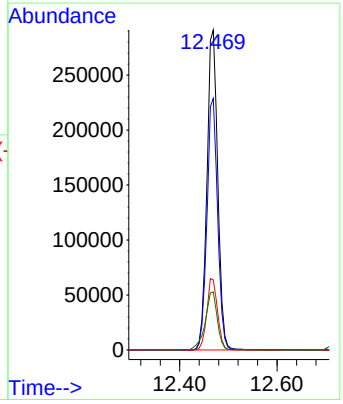


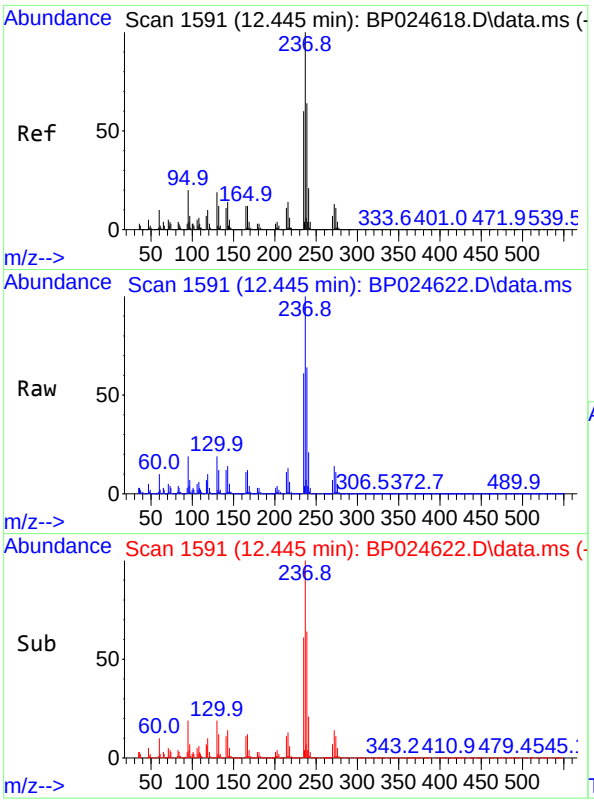


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.13 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:216 Resp: 444420

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	22.2	17.7	26.5
108	20.3	16.0	24.0



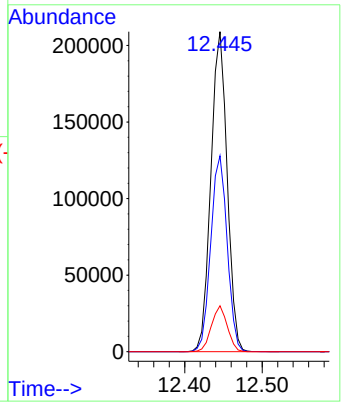


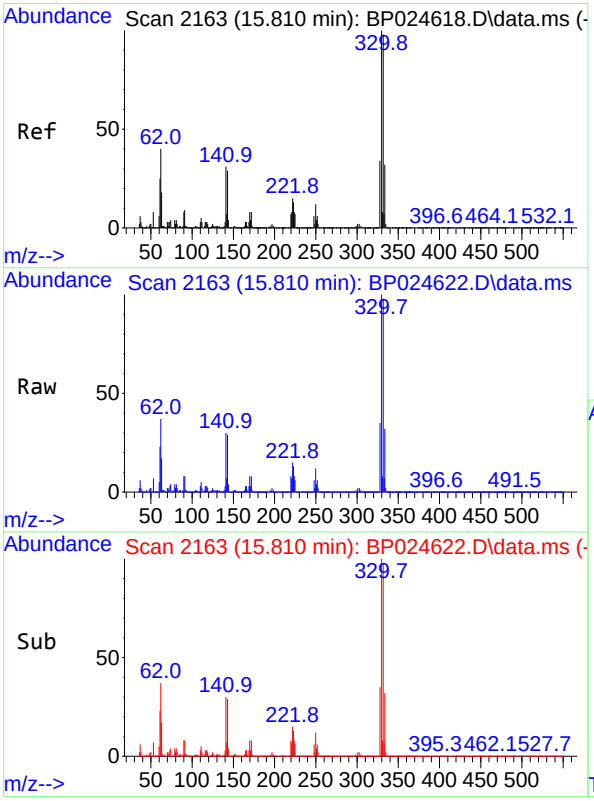
#41
Hexachlorocyclopentadiene
Concen: 44.37 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:237 Resp: 305575

Ion	Ratio	Lower	Upper
237	100		
235	61.2	39.9	79.9
272	14.3	0.0	33.2

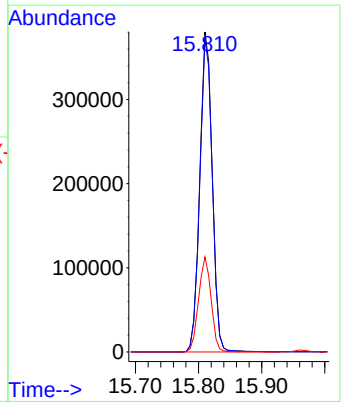


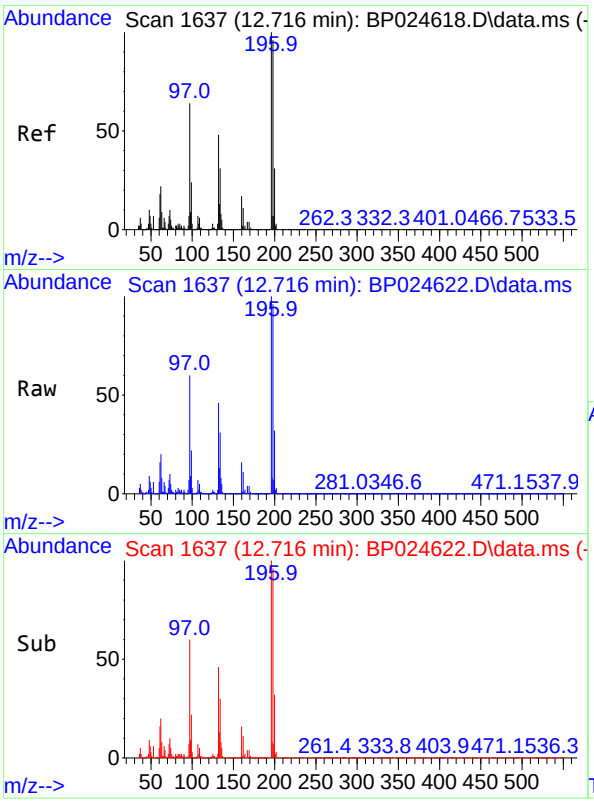


#42
2,4,6-Tribromophenol
Concen: 78.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:330 Resp: 520660

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.4
141	29.8	24.3	36.5



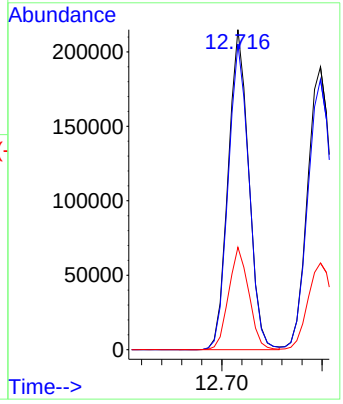


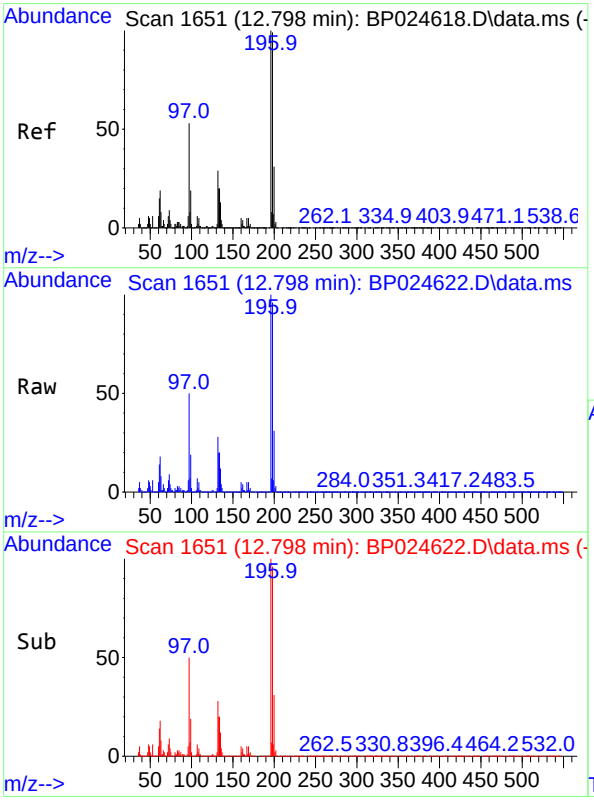
#43
2,4,6-Trichlorophenol
Concen: 41.55 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:196 Resp: 305651

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.9	115.3
200	32.0	25.2	37.8

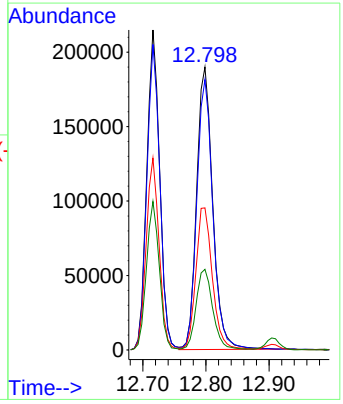


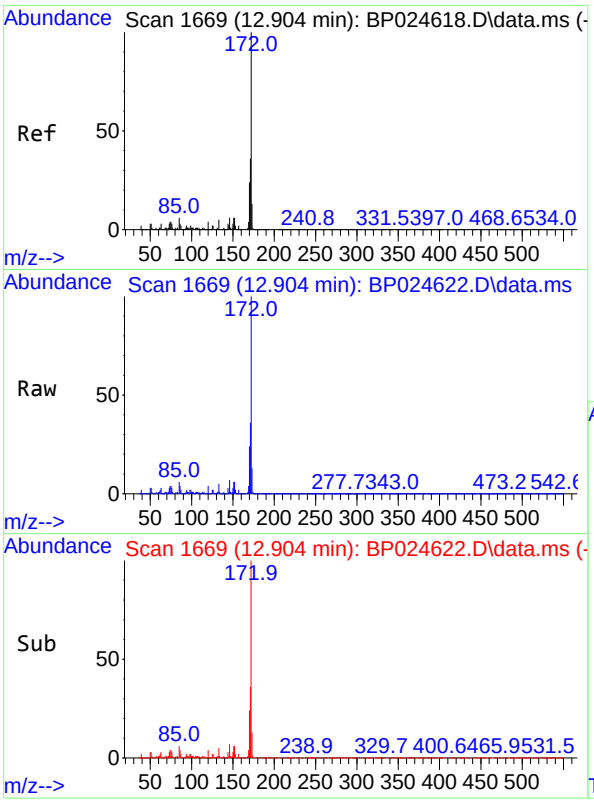


#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:196 Resp: 336252

Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.2	118.8
97	50.2	42.3	63.5
132	28.5	23.3	34.9



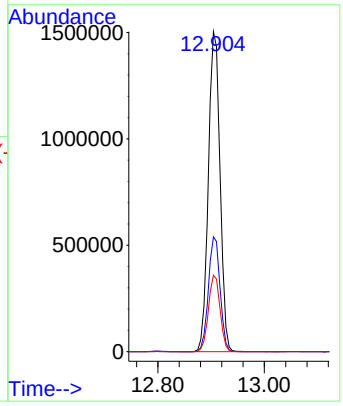


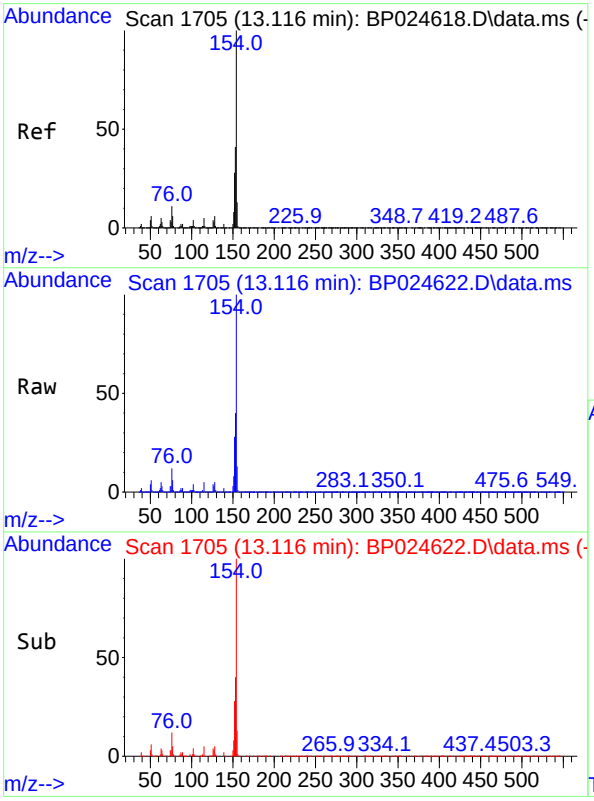
#45
2-Fluorobiphenyl
Concen: 76.73 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:172 Resp: 2290715

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.9	18.8	28.2

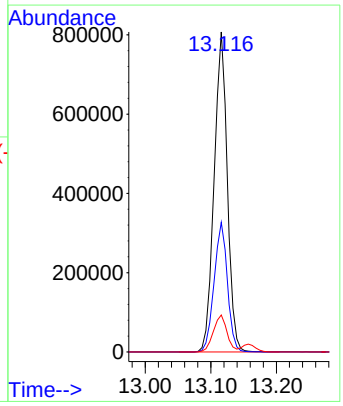


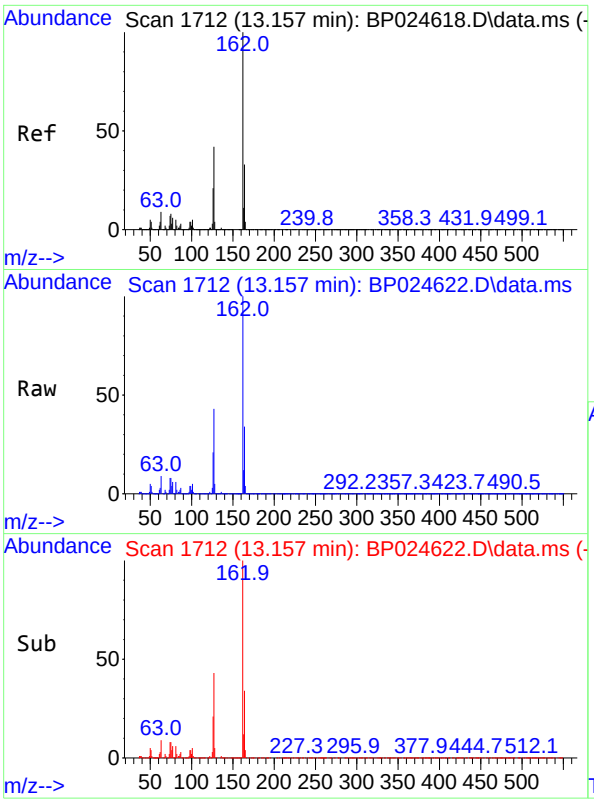


#46
1,1'-Biphenyl
Concen: 38.91 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 1124669

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.0	61.0
76	11.5	0.0	31.5



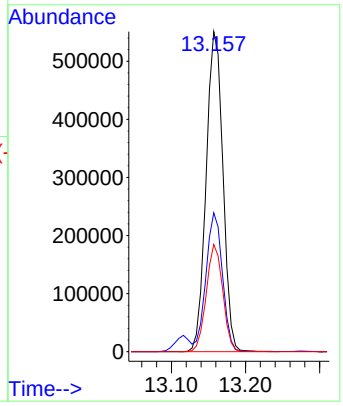


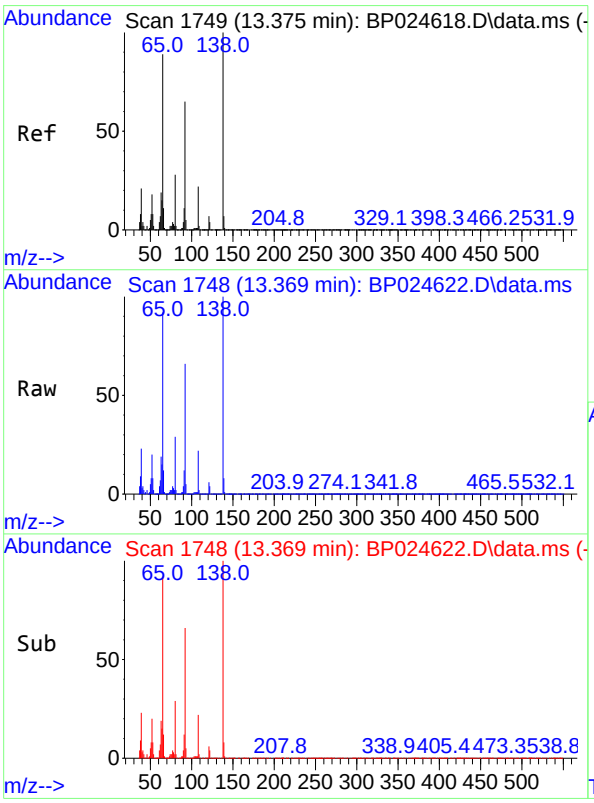
#47
2-Chloronaphthalene
Concen: 39.24 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:162 Resp: 864853

Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.8	50.6
164	33.5	26.0	39.0

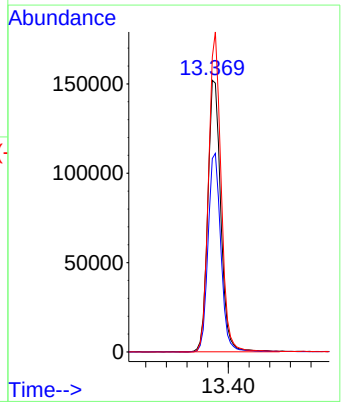


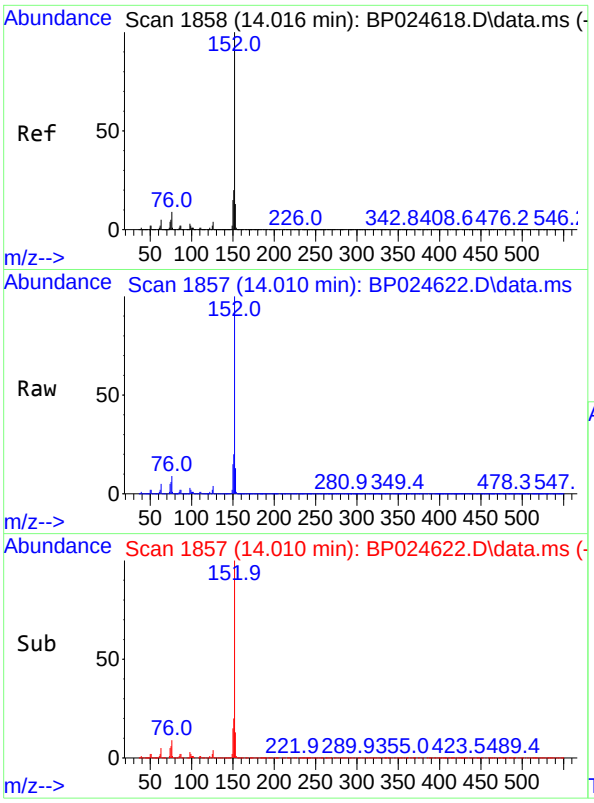


#48
2-Nitroaniline
Concen: 40.60 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 65 Resp: 264965

Ion	Ratio	Lower	Upper
65	100		
92	71.2	58.7	88.1
138	108.5	90.2	135.2



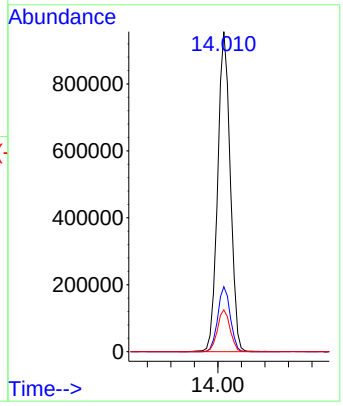


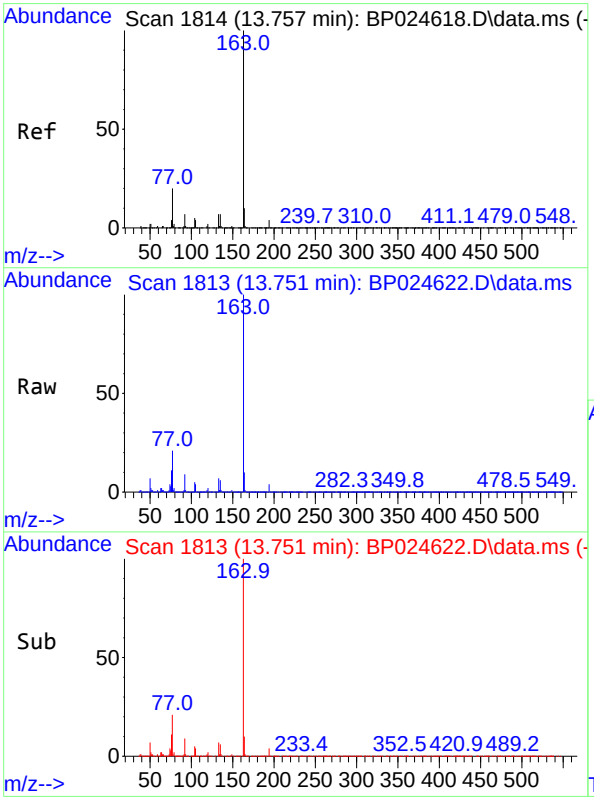
#49
Acenaphthylene
Concen: 38.49 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:152 Resp: 1419821

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.0	10.2	15.4

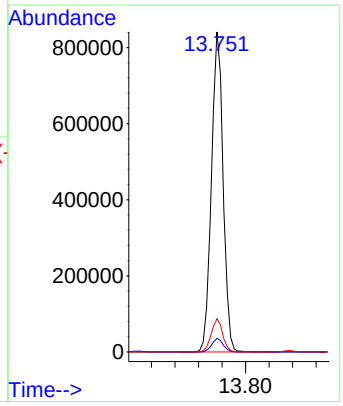


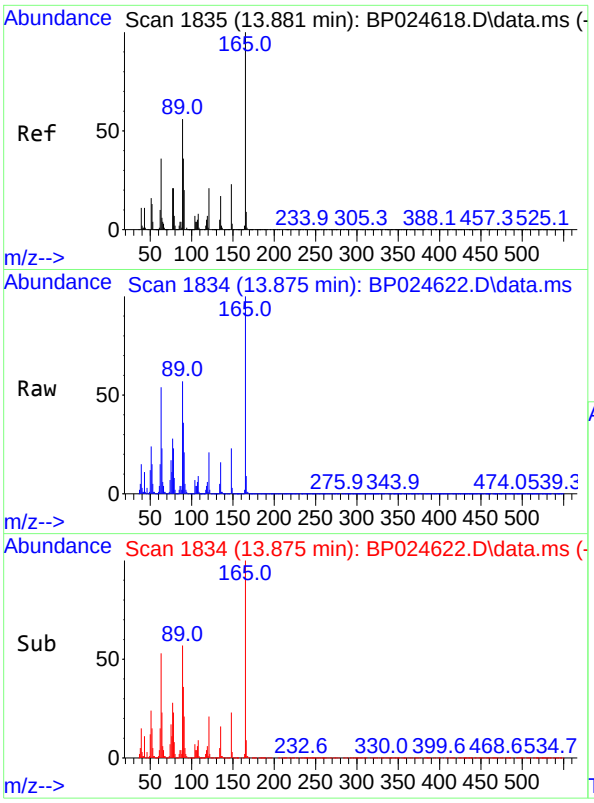


#50
Dimethylphthalate
Concen: 38.75 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:163 Resp: 1155211

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.1	12.1



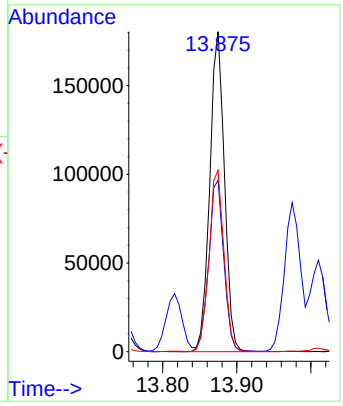


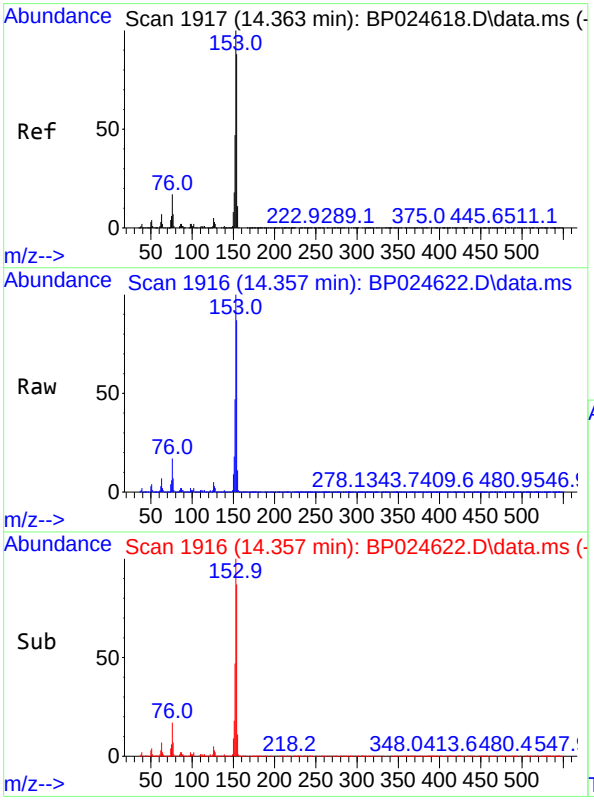
#51
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:165 Resp: 247537

Ion	Ratio	Lower	Upper
165	100		
63	53.5	42.4	63.6
89	56.6	44.8	67.2

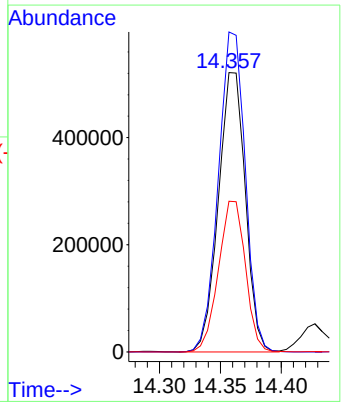


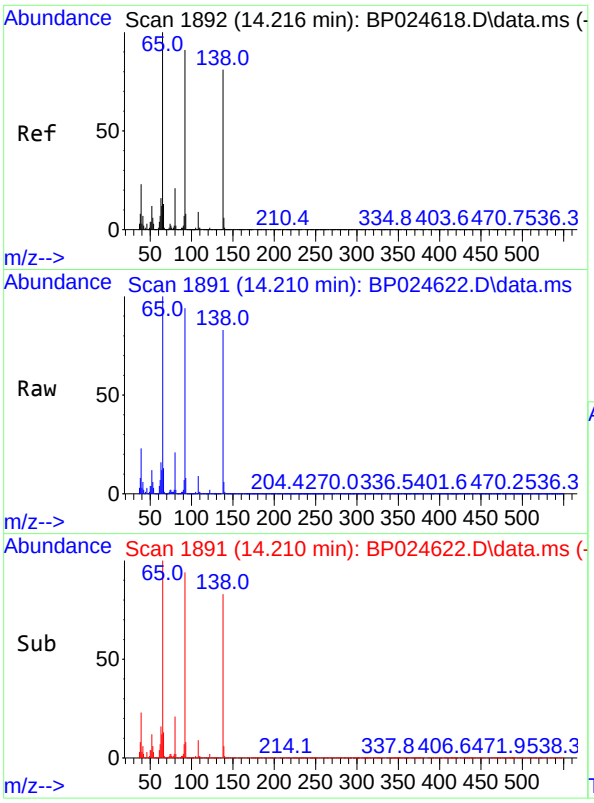


#52
Acenaphthene
Concen: 37.90 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 803755

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.0	136.4
152	54.0	42.9	64.3



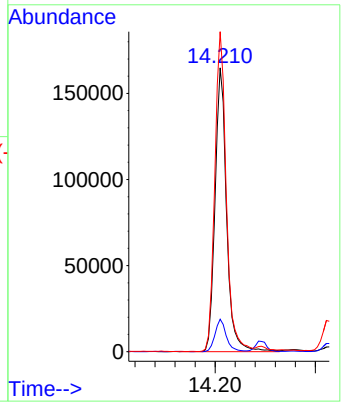


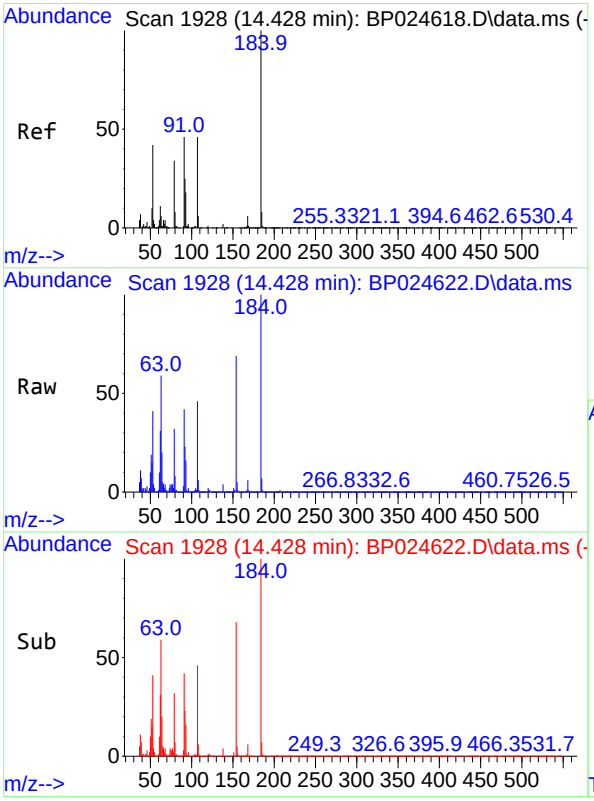
#53
3-Nitroaniline
Concen: 40.87 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:138 Resp: 262737

Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	112.7	90.1	135.1

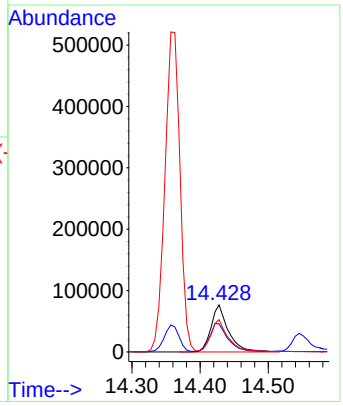


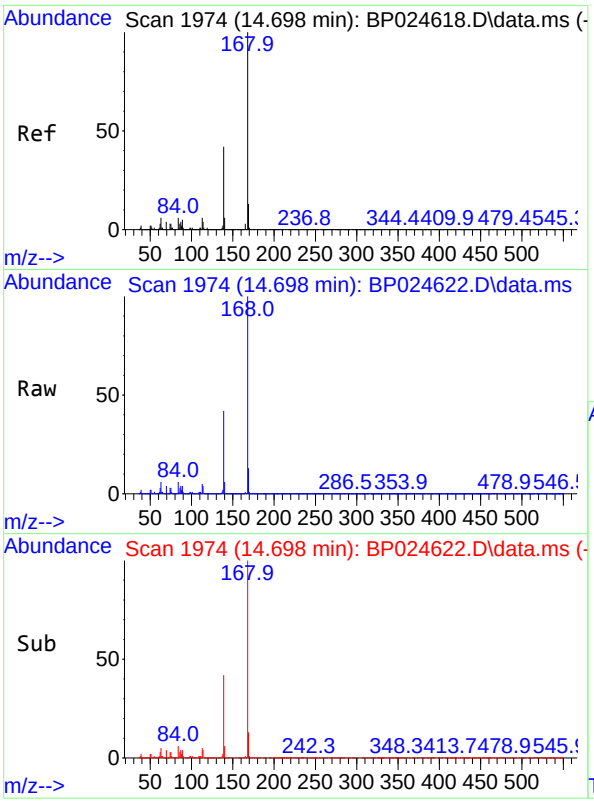


#54
2,4-Dinitrophenol
Concen: 37.83 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:184 Resp: 135624

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.3	76.9
154	68.5	53.5	80.3



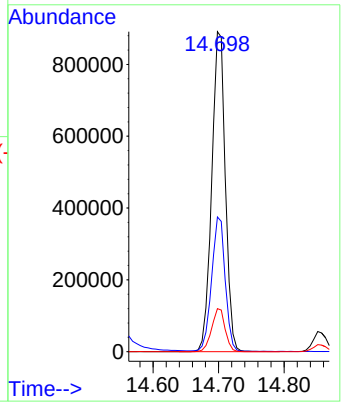


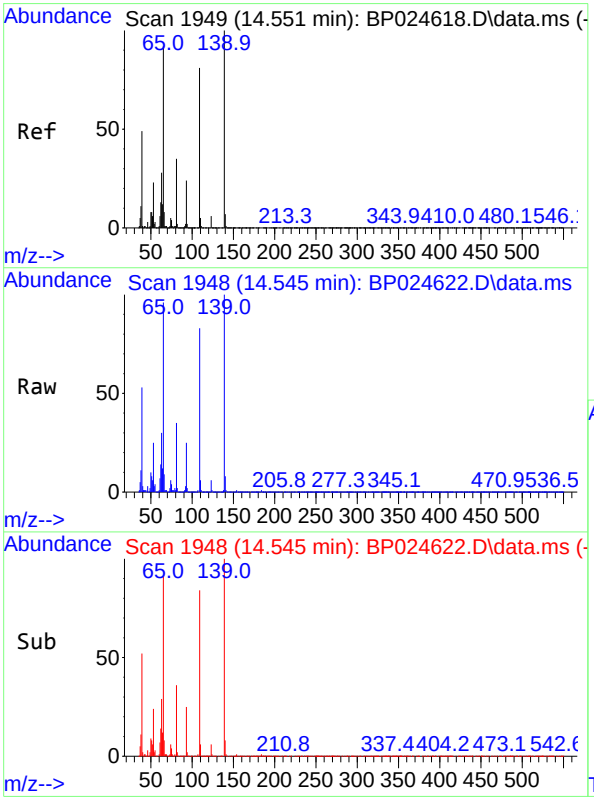
#55
Dibenzofuran
Concen: 37.91 ng
RT: 14.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:168 Resp: 1282228

Ion	Ratio	Lower	Upper
168	100		
139	42.1	34.2	51.4
169	13.5	10.8	16.2

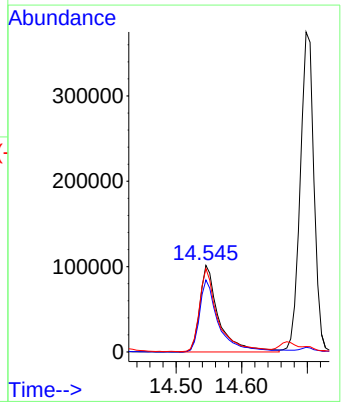


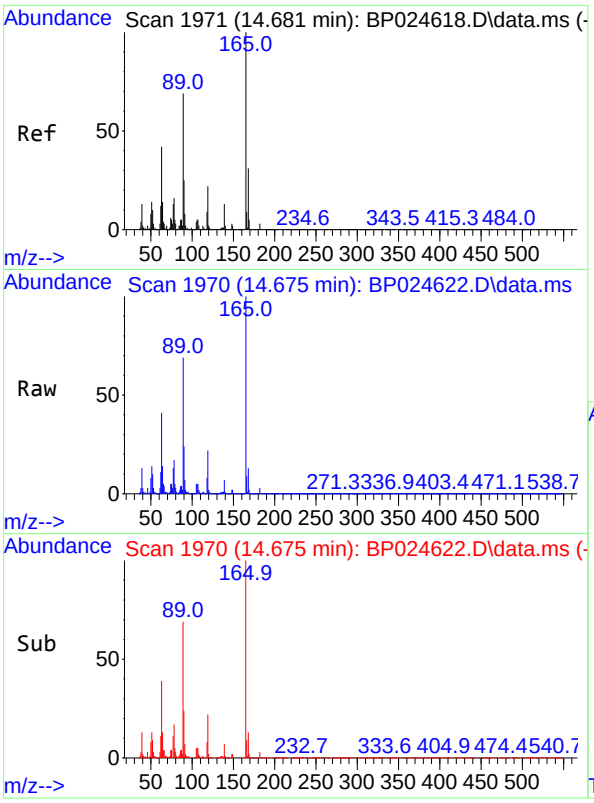


#56
4-Nitrophenol
Concen: 38.70 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 202528

Ion	Ratio	Lower	Upper
139	100		
109	83.2	61.4	101.4
65	96.3	72.2	112.2



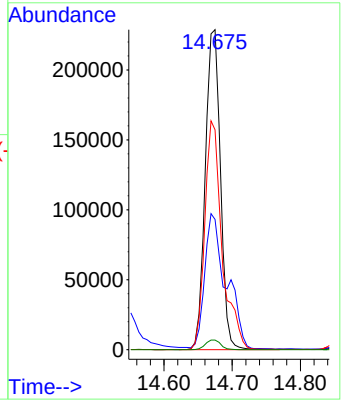


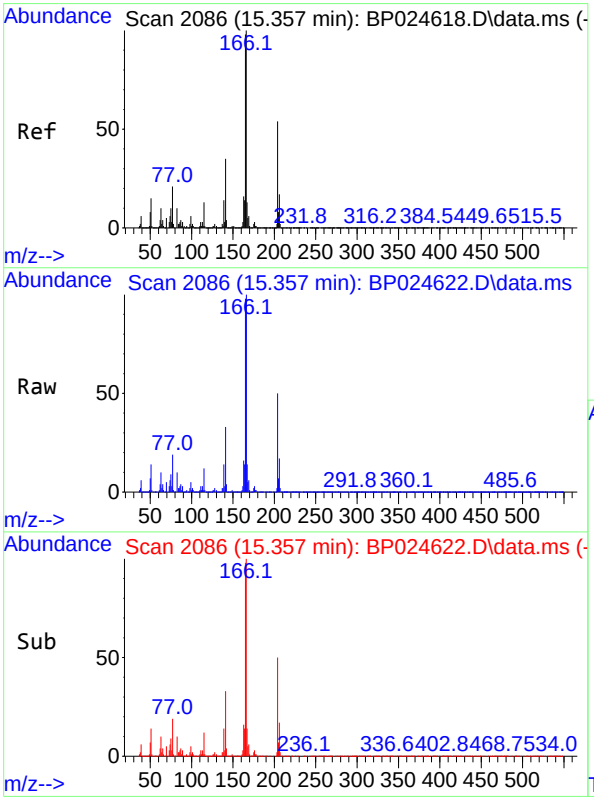
#57
2,4-Dinitrotoluene
Concen: 39.97 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:165 Resp: 354817

Ion	Ratio	Lower	Upper
165	100		
63	40.7	33.8	50.6
89	68.7	55.6	83.4
182	3.0	2.4	3.6

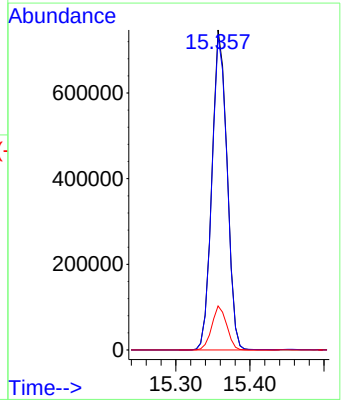


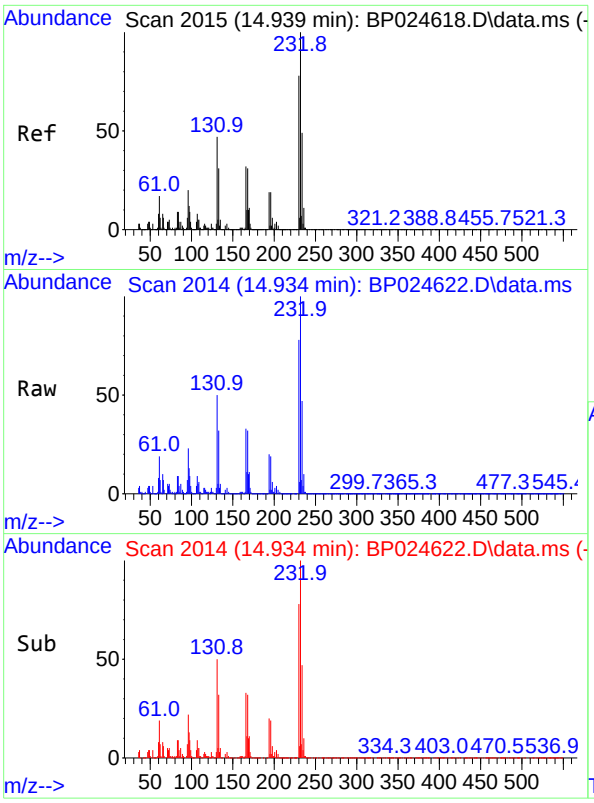


#58
Fluorene
Concen: 38.42 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:166 Resp: 1059642

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	13.8	10.7	16.1



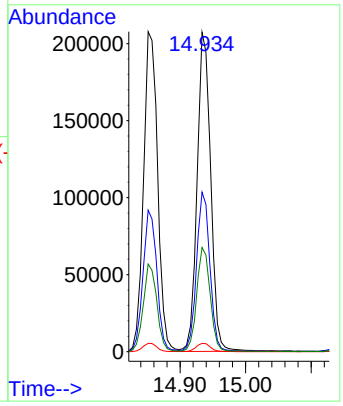


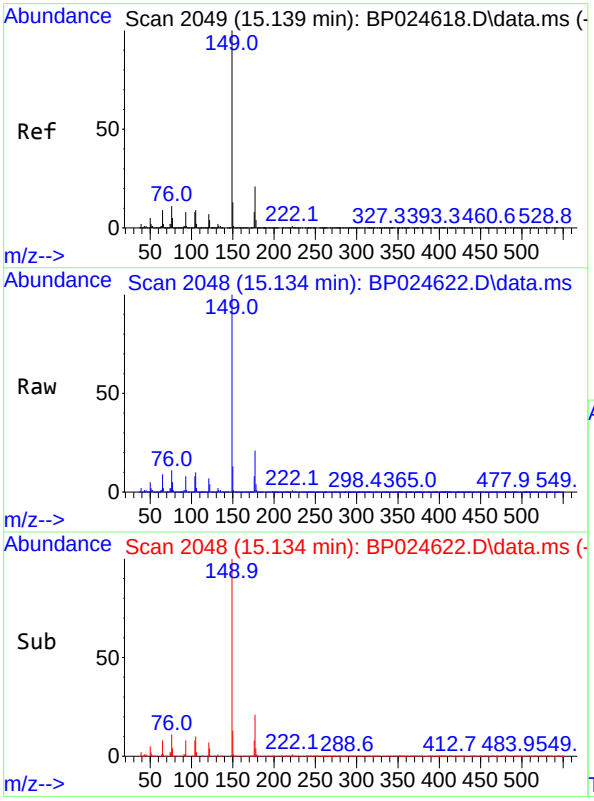
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.27 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:232 Resp: 298327

Ion	Ratio	Lower	Upper
232	100		
131	48.9	39.5	59.3
130	2.8	2.2	3.4
166	32.5	25.7	38.5

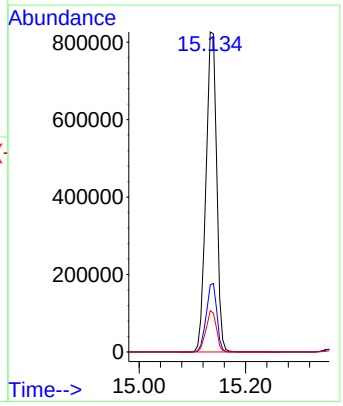


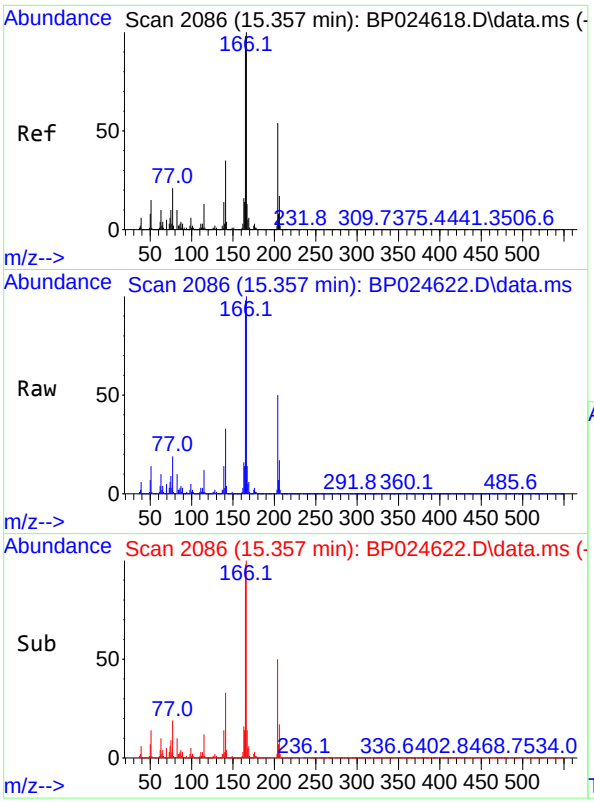


#60
Diethylphthalate
Concen: 38.17 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1150091

Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.9	10.2	15.2



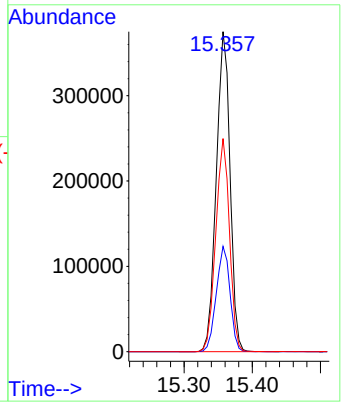


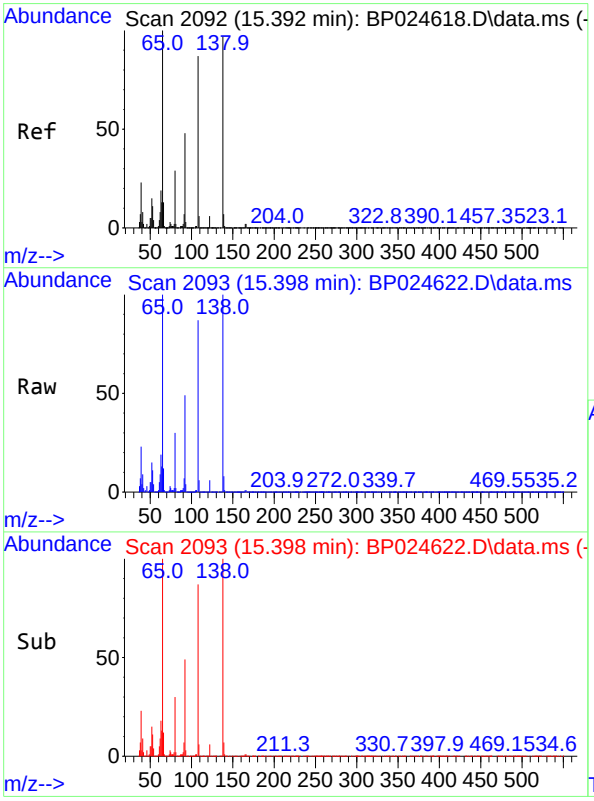
#61
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:204 Resp: 526066

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	66.6	52.9	79.3

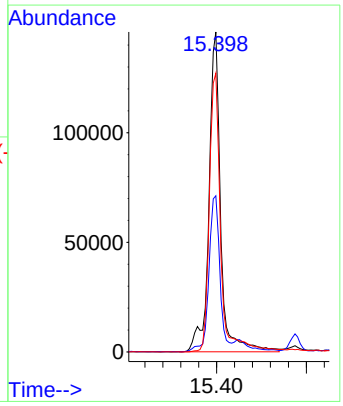


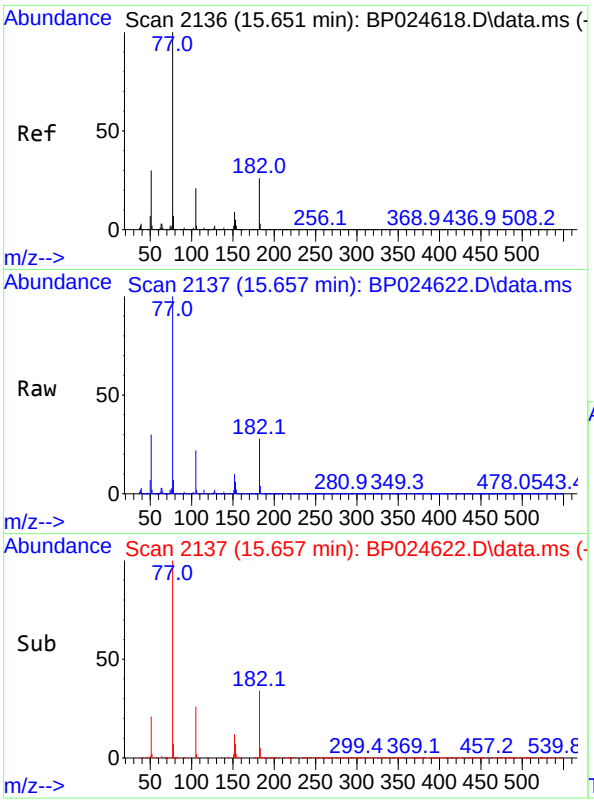


#62
4-Nitroaniline
Concen: 42.72 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:138 Resp: 265185

Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.2	69.2
108	87.1	69.0	109.0



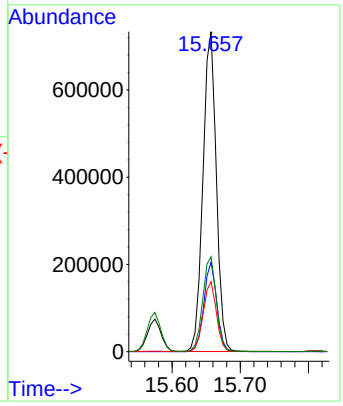


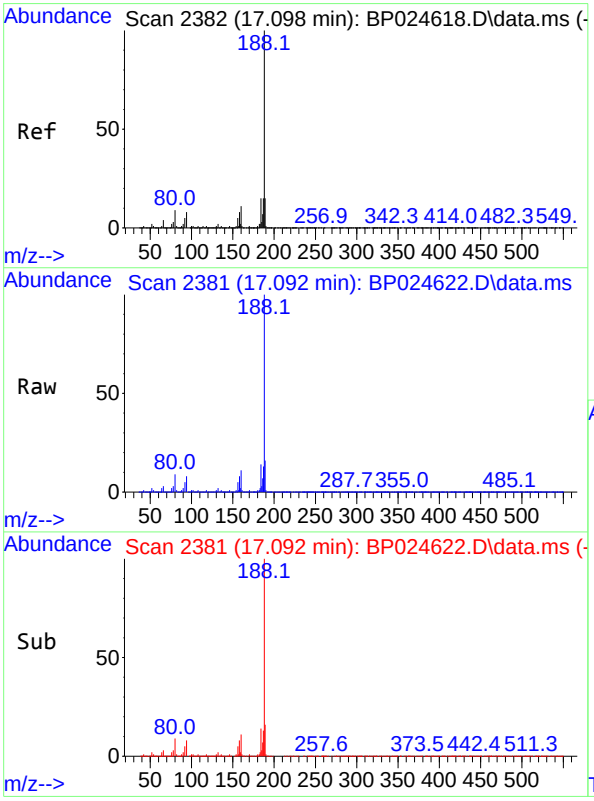
#63
Azobenzene
Concen: 38.82 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion: 77 Resp: 1000653

Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.9	1.3	41.3
51	29.7	10.6	50.6

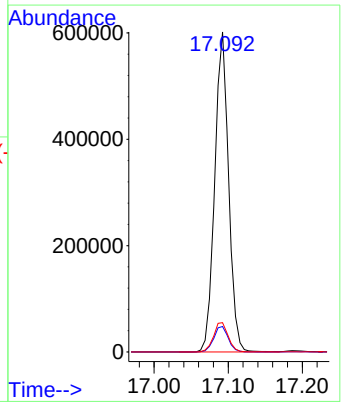


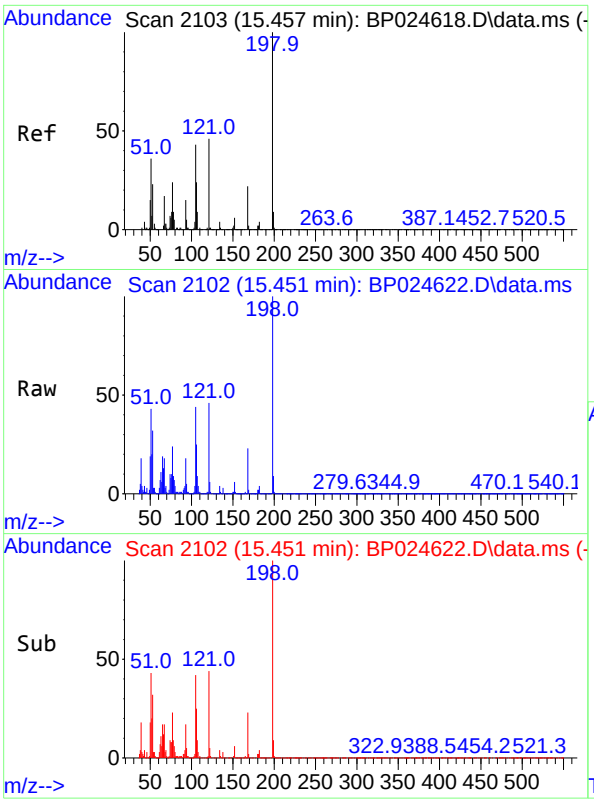


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:188 Resp: 780511

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.2	7.3	10.9



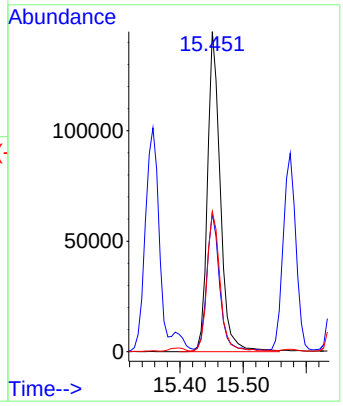


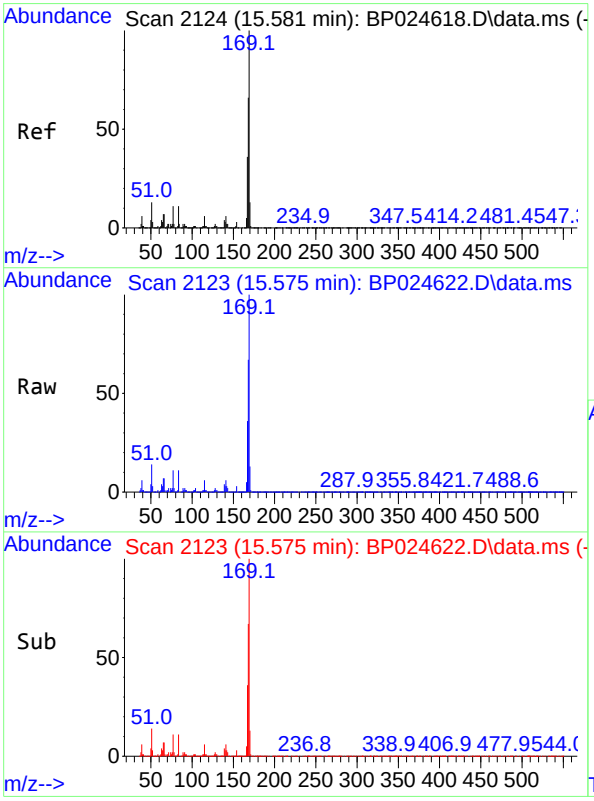
#65
4,6-Dinitro-2-methylphenol
Concen: 40.30 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:198 Resp: 203200

Ion	Ratio	Lower	Upper
198	100		
51	43.2	21.1	61.1
105	43.8	23.6	63.6

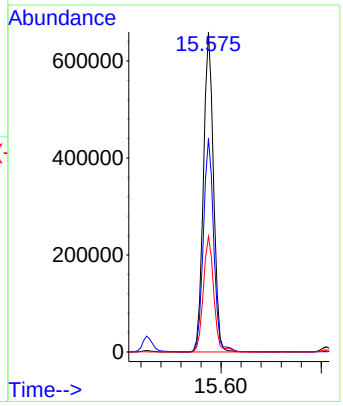


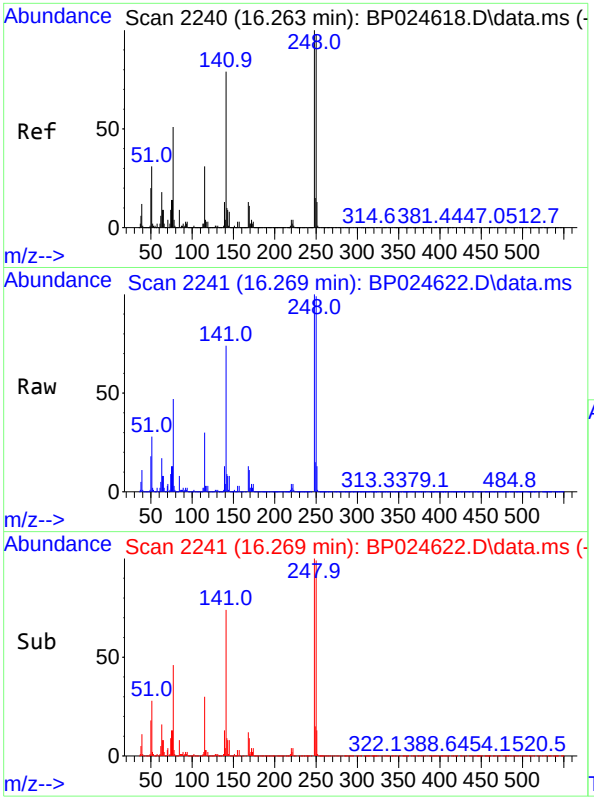


#66
n-Nitrosodiphenylamine
Concen: 38.38 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:169 Resp: 920187

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.1	28.6	43.0



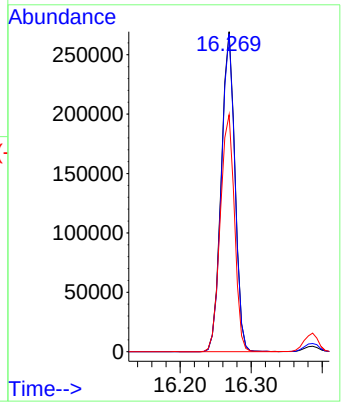


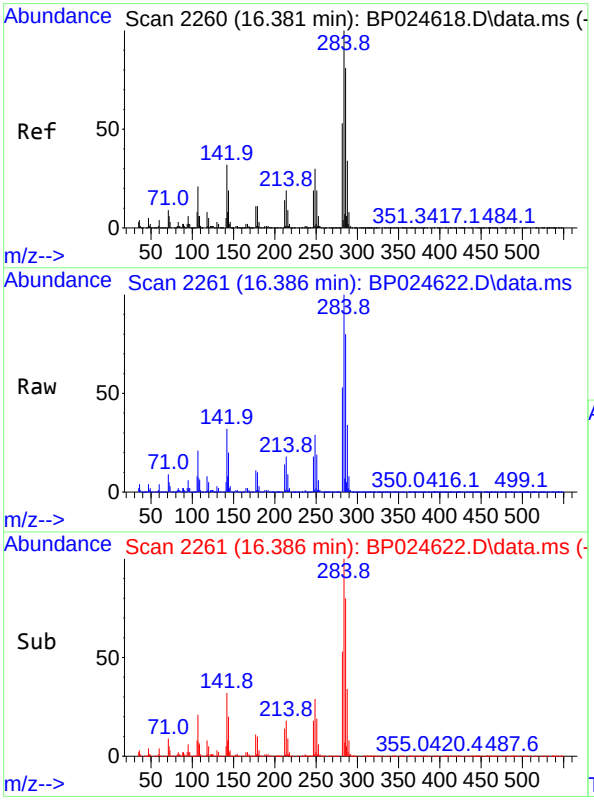
#67
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:248 Resp: 357846

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.4
141	74.1	63.0	94.6

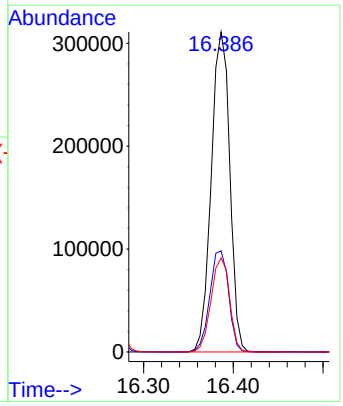


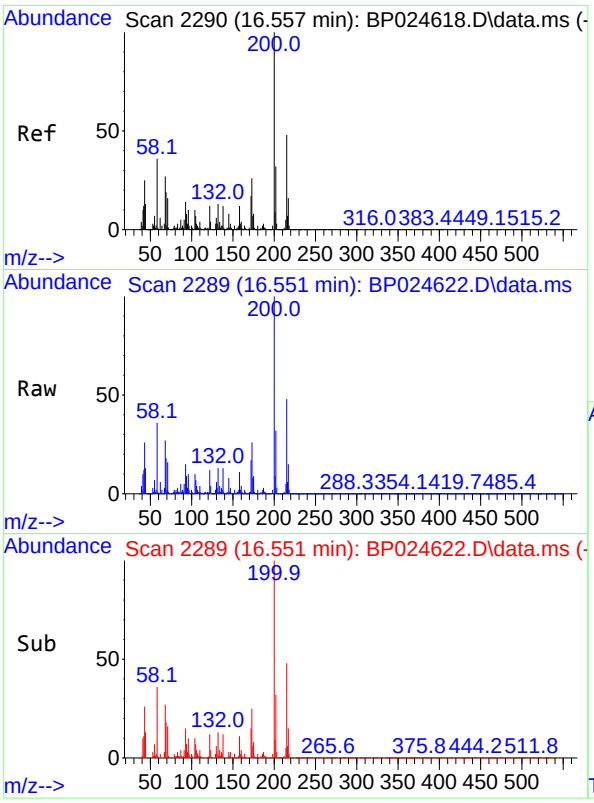


#68
Hexachlorobenzene
Concen: 38.18 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:284 Resp: 446142

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.9	38.9
249	29.3	24.1	36.1



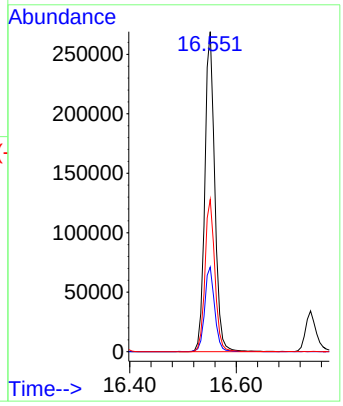


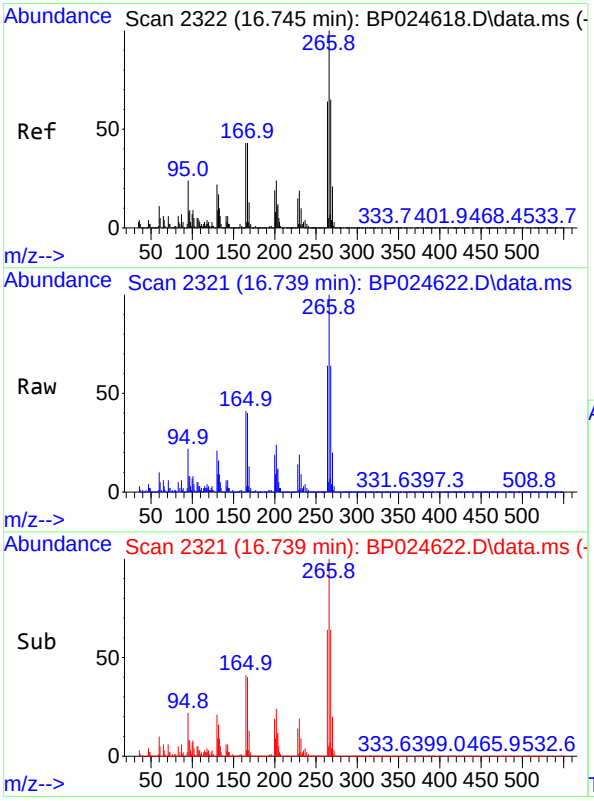
#69
Atrazine
Concen: 39.57 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:200 Resp: 347661

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.9	45.9
215	47.6	28.3	68.3

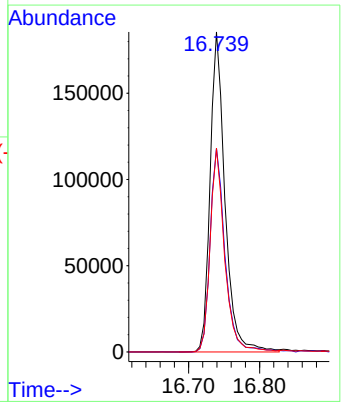


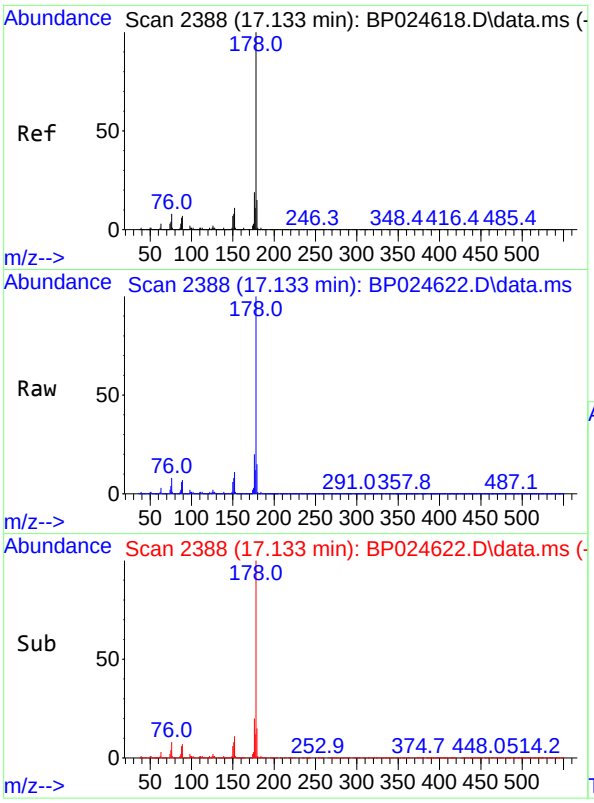


#70
Pentachlorophenol
Concen: 41.12 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:266 Resp: 269781

Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.2	78.4
264	63.6	51.1	76.7



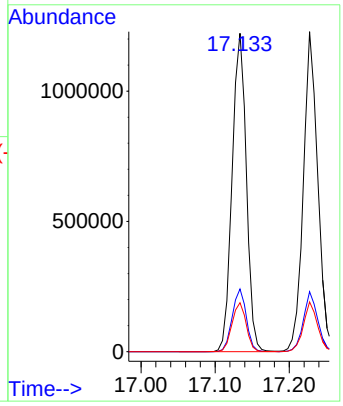


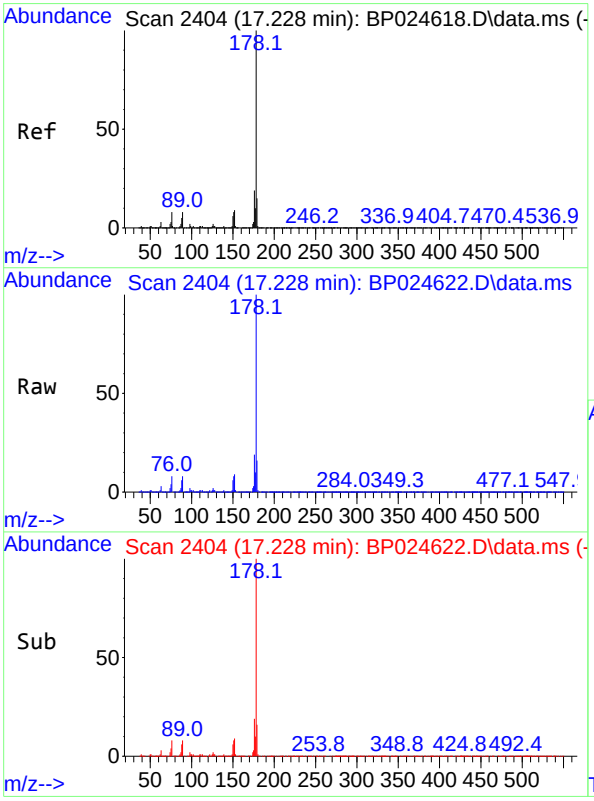
#71
Phenanthrene
Concen: 37.55 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:178 Resp: 1629118

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.4	12.2	18.4

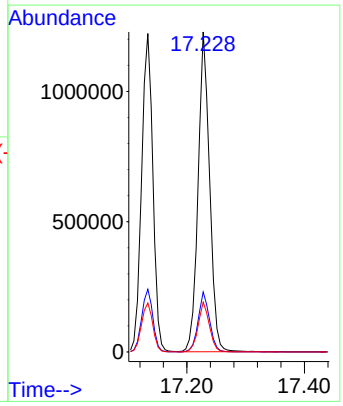


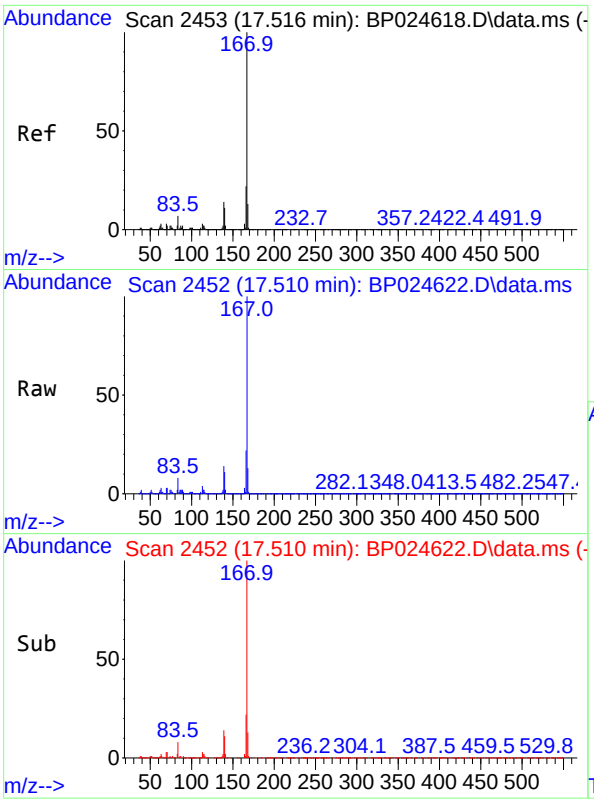


#72
Anthracene
Concen: 38.24 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:178 Resp: 1669395

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.2



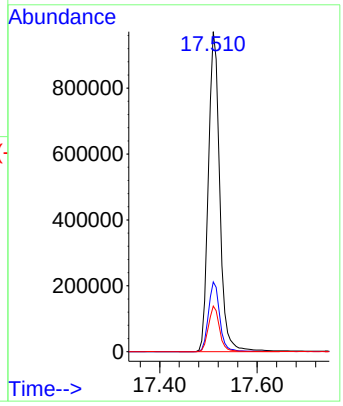


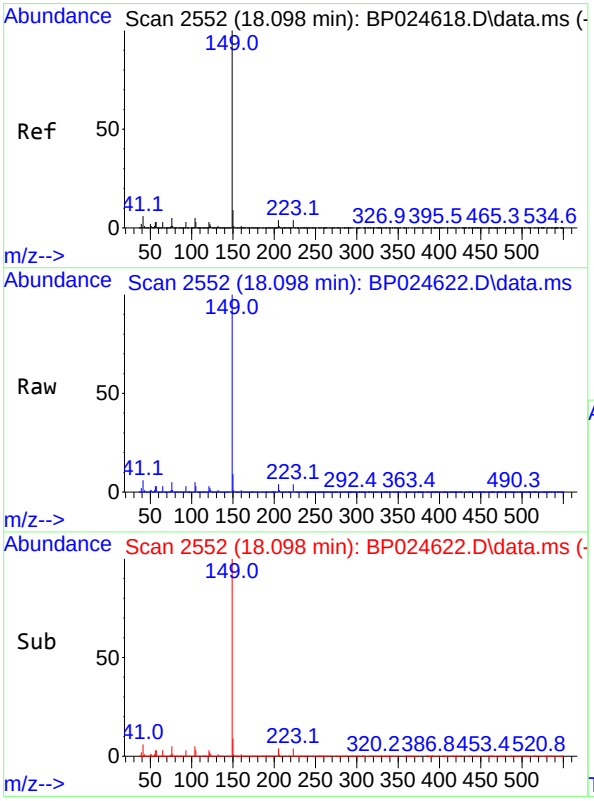
#73
Carbazole
Concen: 39.57 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:167 Resp: 1563685

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.2	11.3	16.9

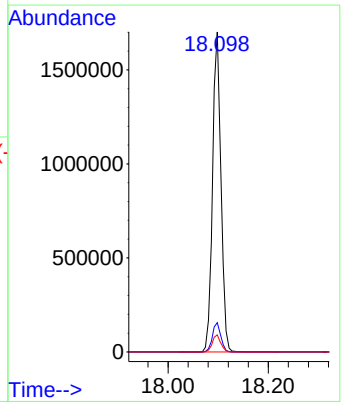


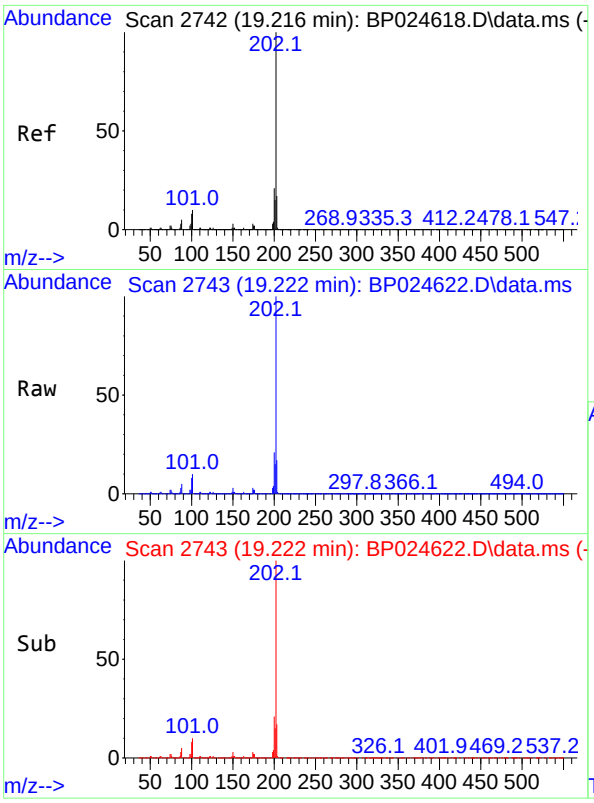


#74
Di-n-butylphthalate
Concen: 38.94 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1978741

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.3	6.5



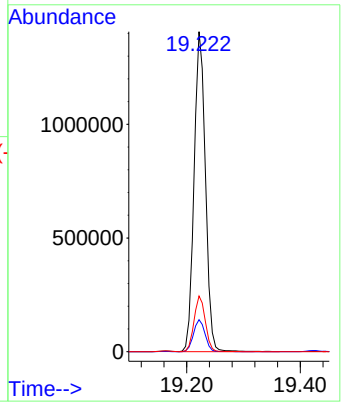


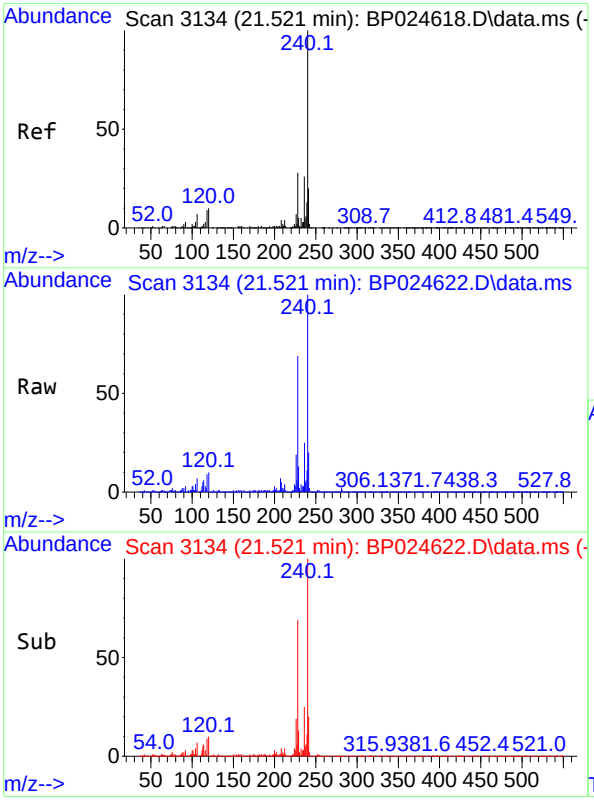
#75
Fluoranthene
Concen: 38.57 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:202 Resp: 1956043

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
203	17.4	0.0	37.5

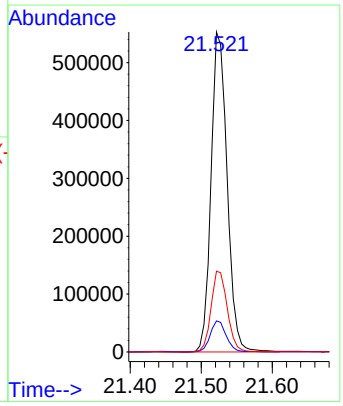


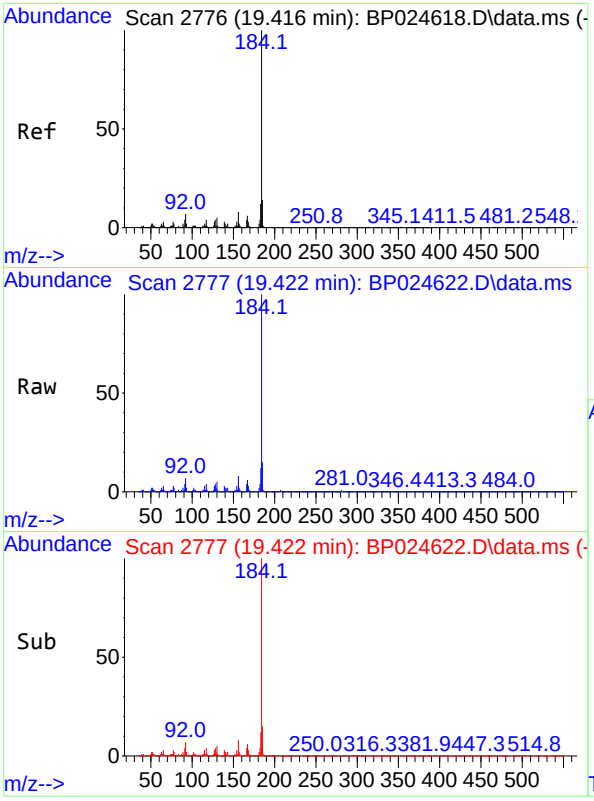


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:240 Resp: 868822

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.2	20.6	31.0



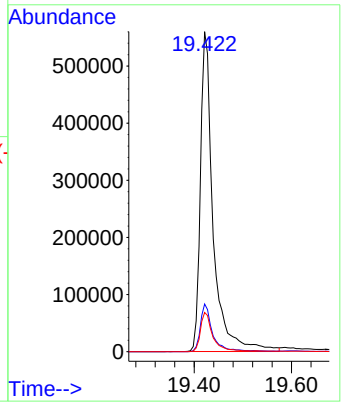


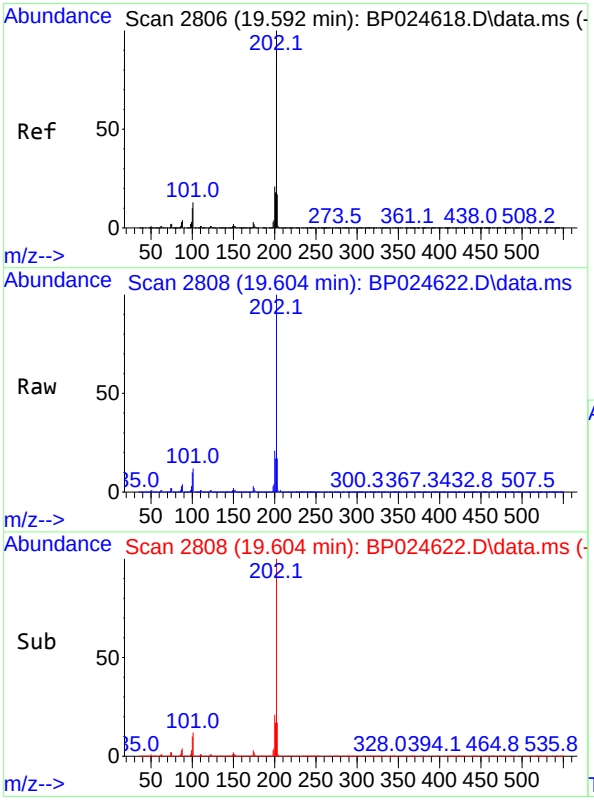
#77
Benzidine
Concen: 43.25 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:184 Resp: 1023514

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.2	16.8
183	12.3	9.8	14.8

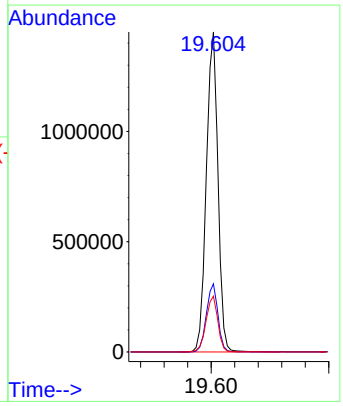


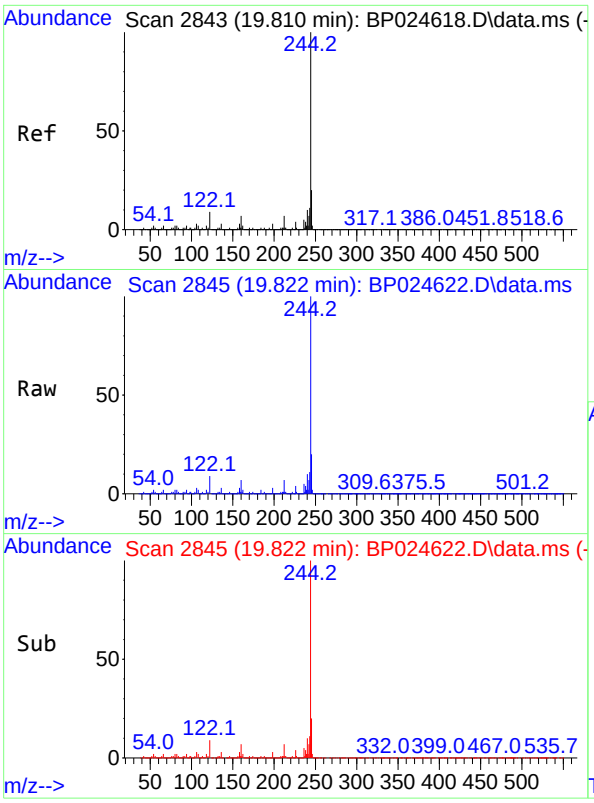


#78
Pyrene
Concen: 38.28 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:202 Resp: 1992845

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.5	13.9	20.9



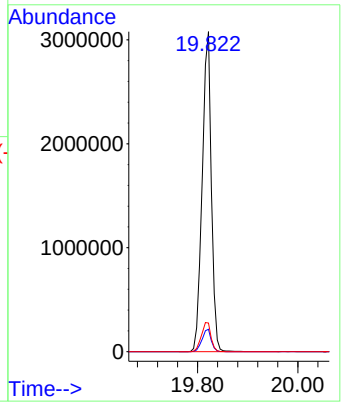


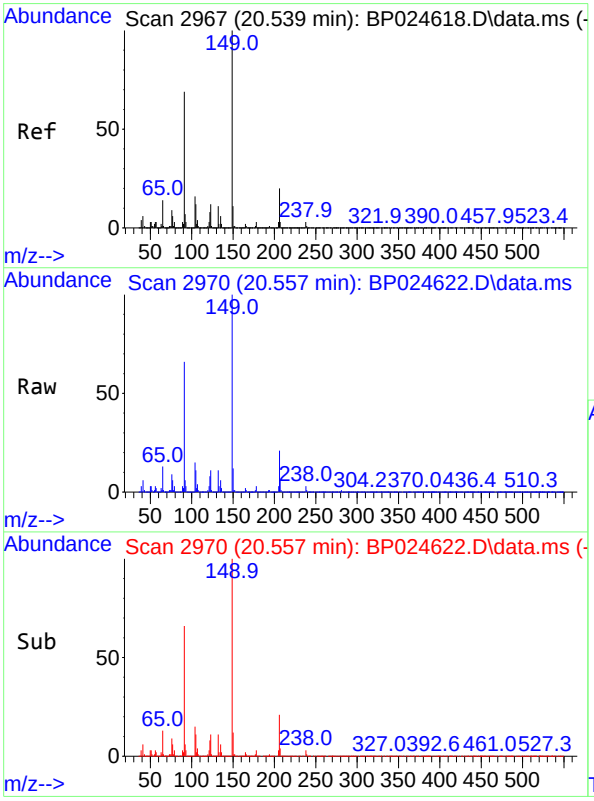
#79
Terphenyl-d14
Concen: 76.75 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:244 Resp: 3889002

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.0	7.4	11.0

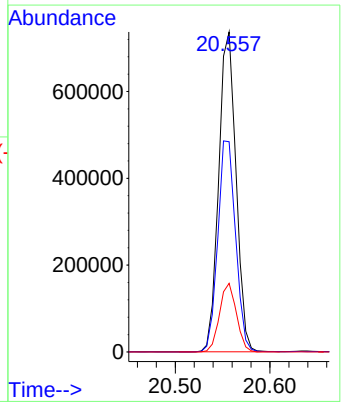


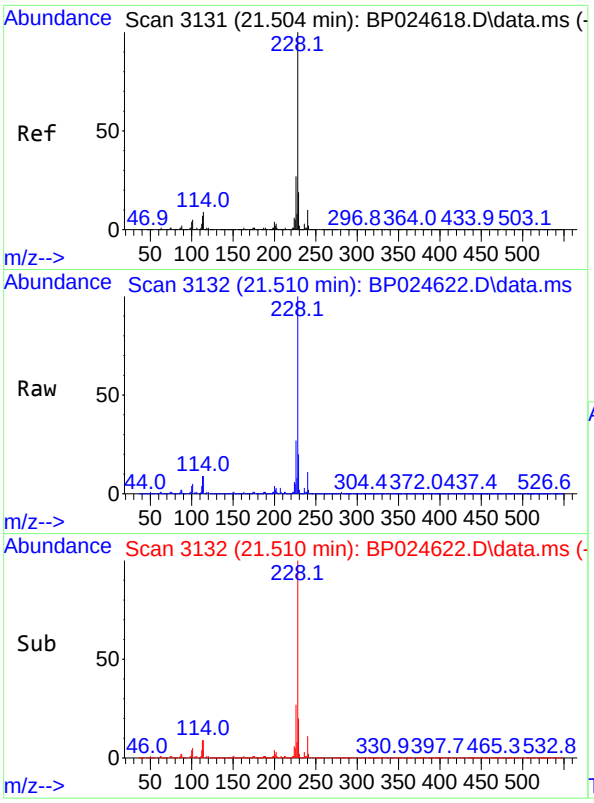


#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 20.557 min Scan# 2970
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 938210

Ion	Ratio	Lower	Upper
149	100		
91	65.7	55.4	83.0
206	21.5	16.2	24.2



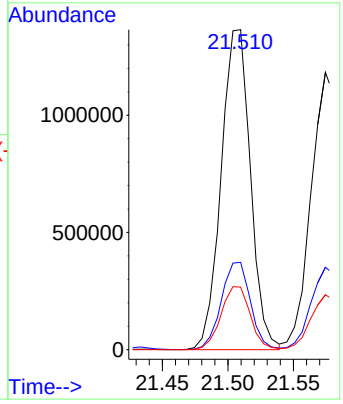


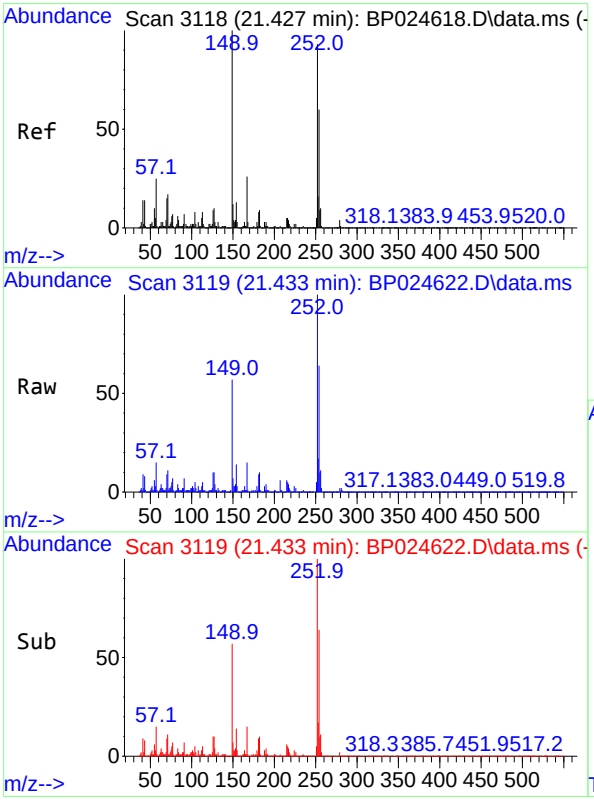
#81
Benzo(a)anthracene
Concen: 38.89 ng
RT: 21.510 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:228 Resp: 2121561

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.0
229	19.6	15.5	23.3

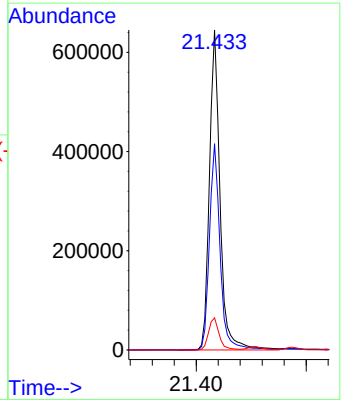


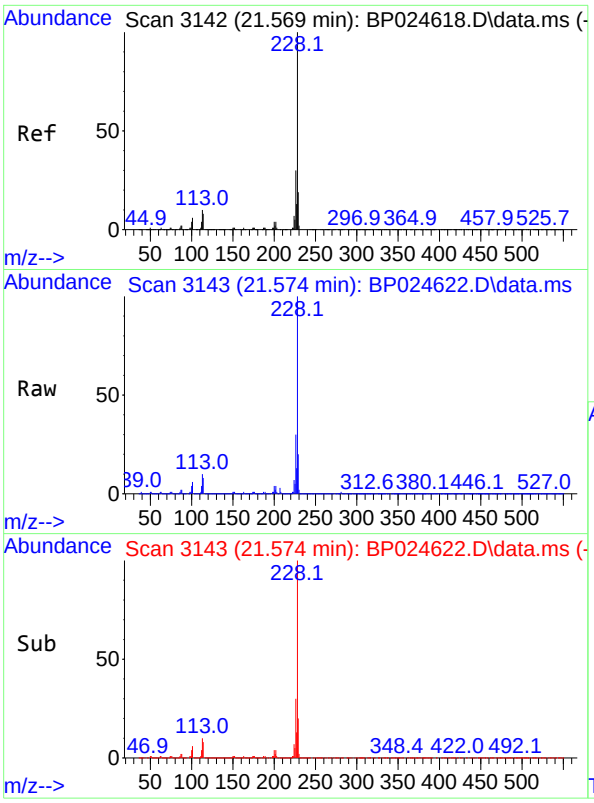


#82
3,3'-Dichlorobenzidine
Concen: 42.51 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 861323

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	10.1	7.7	11.5



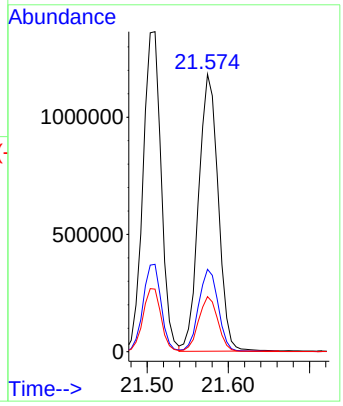


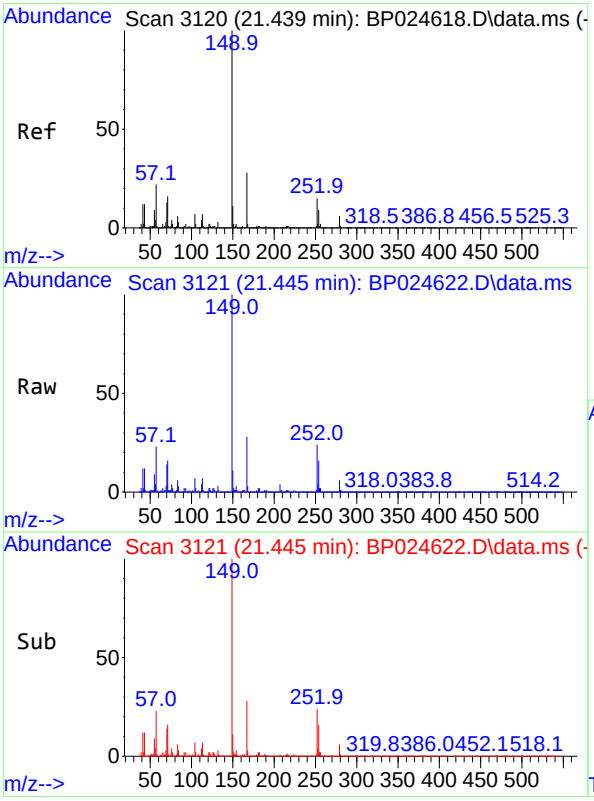
#83
Chrysene
Concen: 38.23 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:228 Resp: 1976940

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.9	15.5	23.3

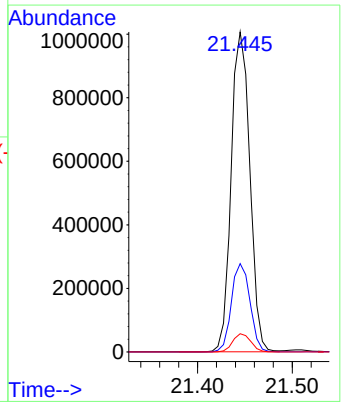


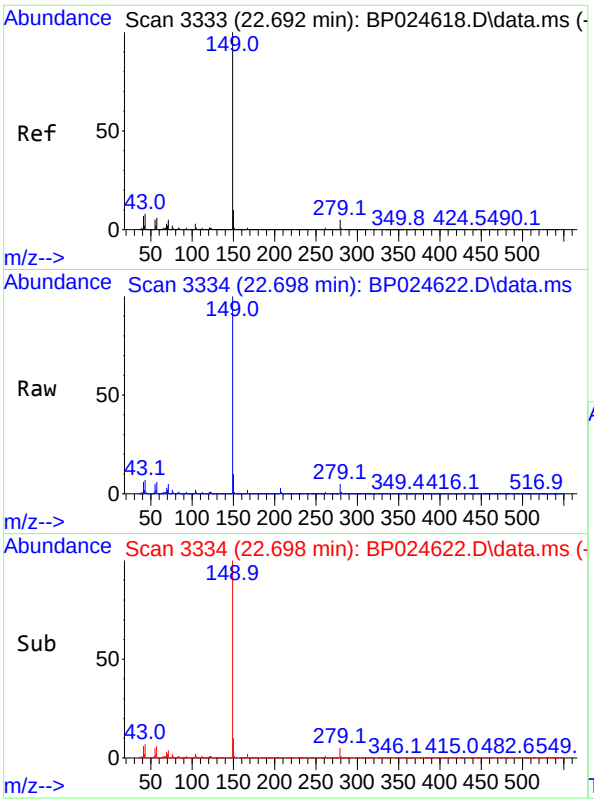


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.43 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1375919

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.7	4.6	6.8



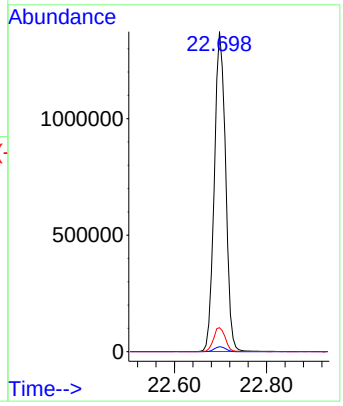


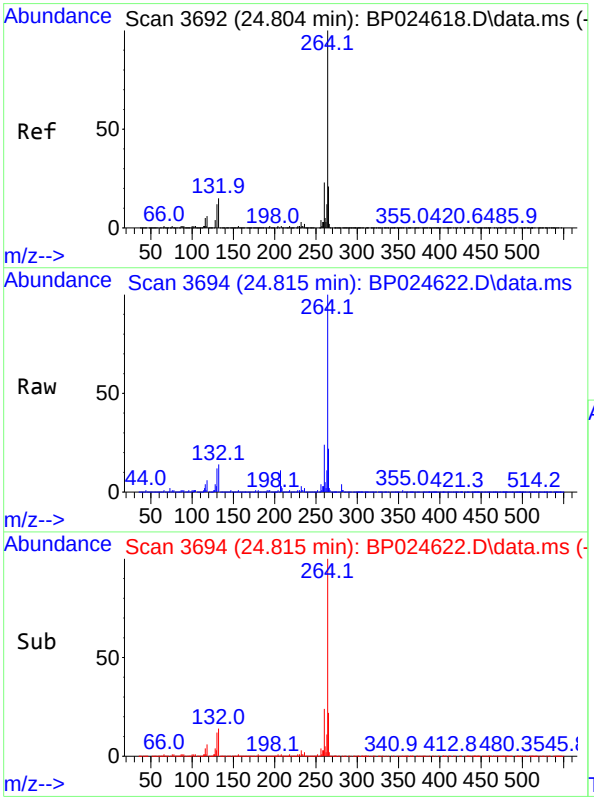
#85
Di-n-octyl phthalate
Concen: 41.72 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:149 Resp: 2321673

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.3	9.5

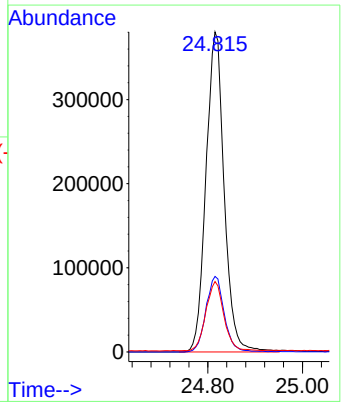


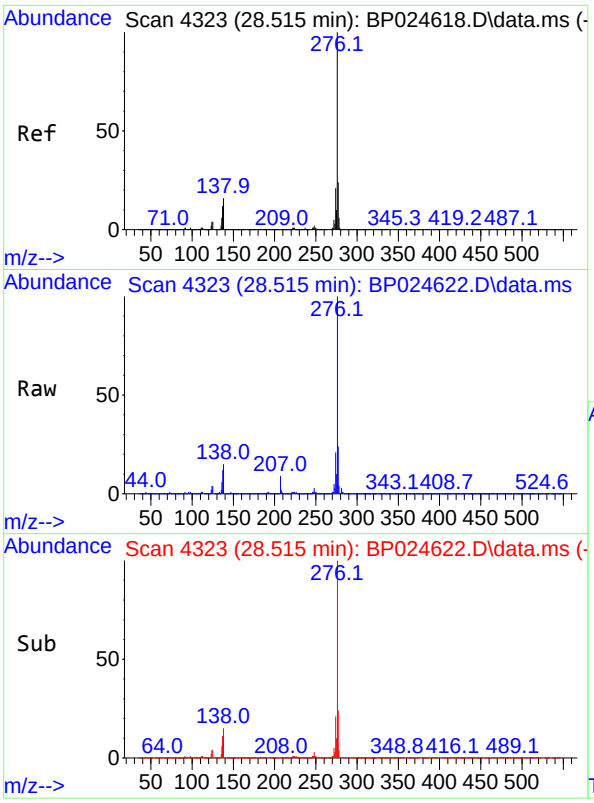


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:264 Resp: 1015341

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.0	25.6



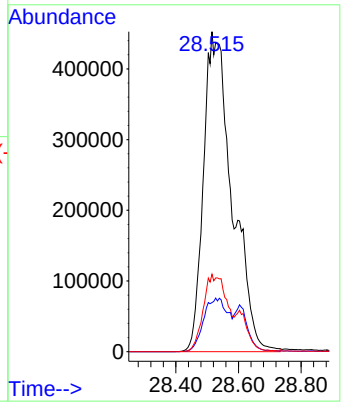


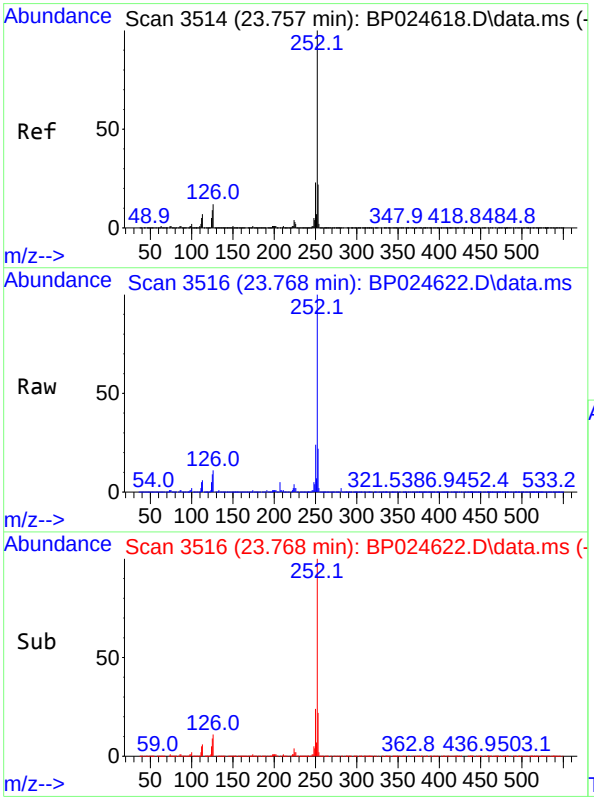
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:276 Resp: 2879864

Ion	Ratio	Lower	Upper
276	100		
138	14.2	11.2	16.8
277	10.6	15.7	23.5#

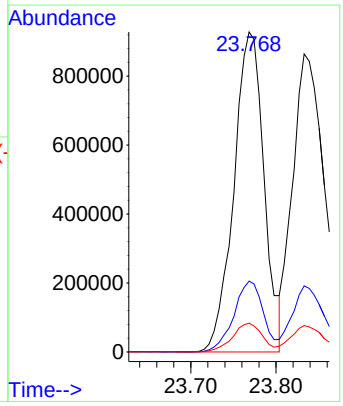


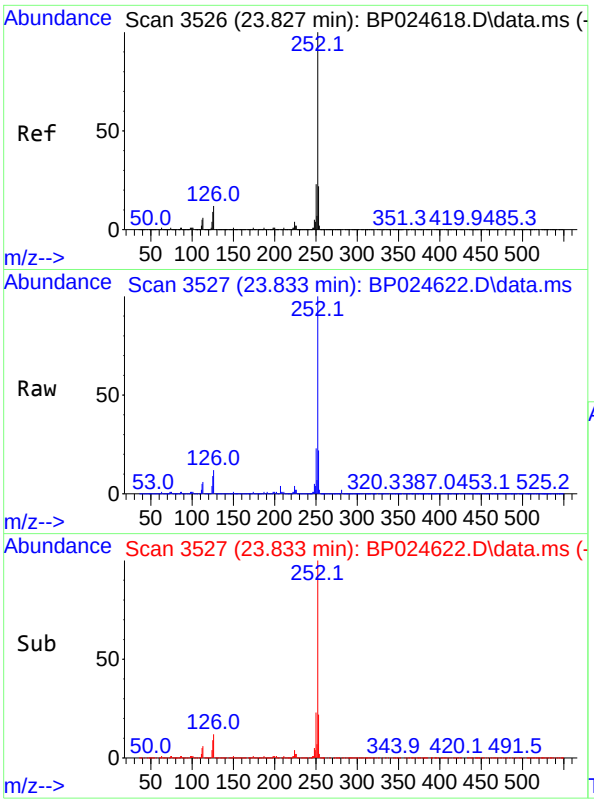


#88
Benzo(b)fluoranthene
Concen: 39.29 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2283322

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.0	7.5	11.3



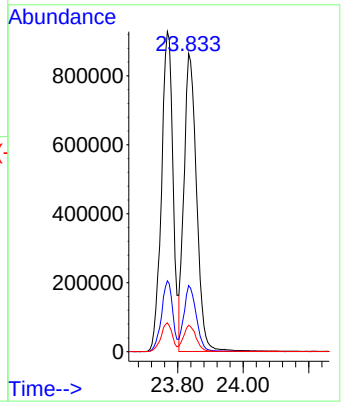


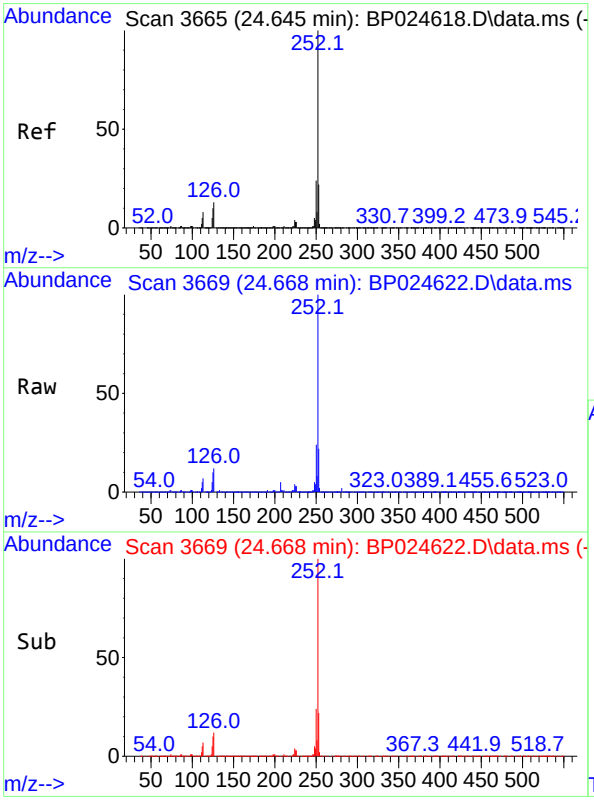
#89
Benzo(k)fluoranthene
Concen: 38.22 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:252 Resp: 2289000

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.9	7.0	10.4

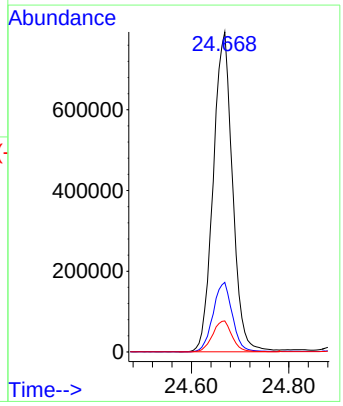


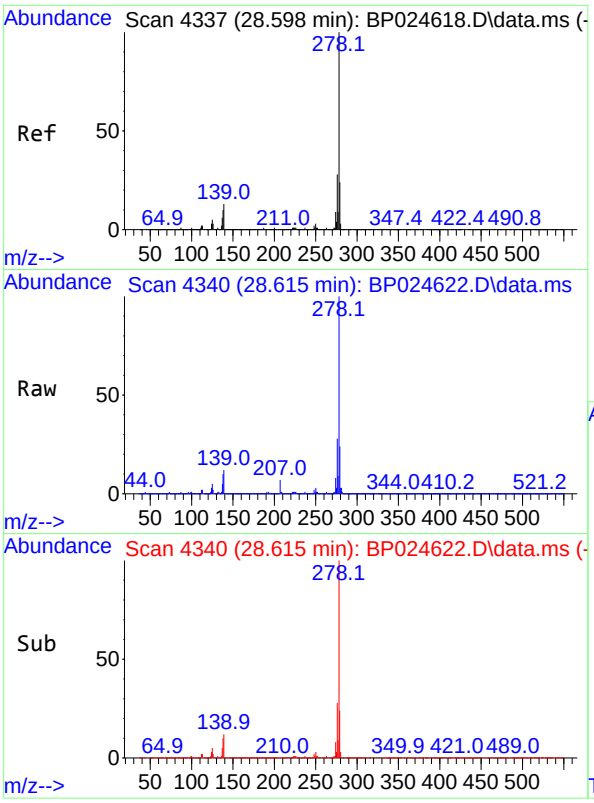


#90
Benzo(a)pyrene
Concen: 39.00 ng
RT: 24.668 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2177020

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.7	8.1	12.1



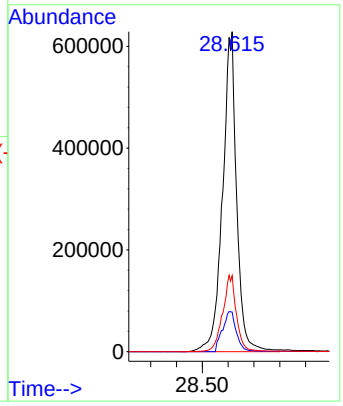


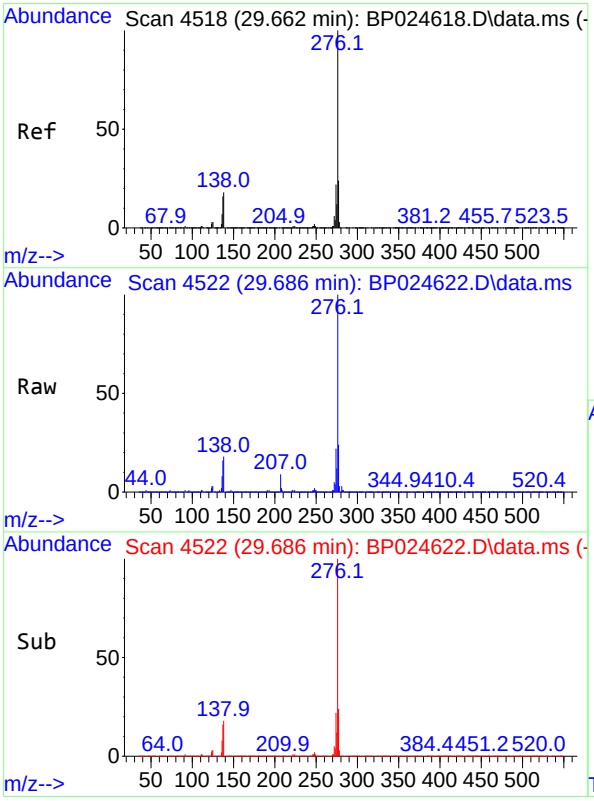
#91
Dibenzo(a,h)anthracene
Concen: 39.38 ng
RT: 28.615 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:278 Resp: 2374558

Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.2	15.4
279	23.8	19.0	28.4

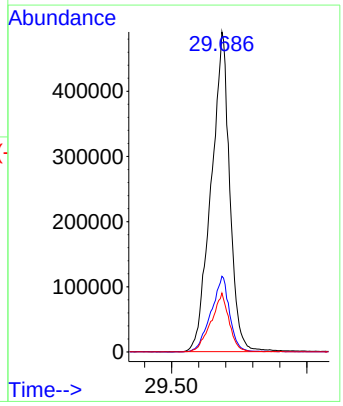




#92
Benzo(g,h,i)perylene
Concen: 38.91 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:276 Resp: 2333151

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	18.4	14.4	21.6



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	119	0.00
2		1,4-Dioxane	0.549	0.505	8.0	119	0.00
3		Pyridine	1.218	1.203	1.2	120	0.00
4		n-Nitrosodimethylamine	0.538	0.510	5.2	118	0.00
5	S	2-Fluorophenol	1.169	1.139	2.6	123	0.00
6		Aniline	1.927	1.889	2.0	118	0.00
7	S	Phenol-d6	1.492	1.475	1.1	120	0.00
8		2-Chlorophenol	1.327	1.306	1.6	120	0.00
9		Benzaldehyde	0.966	0.943	2.4	118	0.00
10	C	Phenol	1.540	1.505	2.3	119	0.00
11		bis(2-Chloroethyl)ether	1.266	1.200	5.2	118	0.00
12		1,3-Dichlorobenzene	1.527	1.447	5.2	120	0.00
13	C	1,4-Dichlorobenzene	1.536	1.456	5.2	118	0.00
14		1,2-Dichlorobenzene	1.497	1.418	5.3	119	0.00
15		Benzyl Alcohol	1.134	1.149	-1.3	119	0.00
16		2,2'-oxybis(1-Chloropropane	1.516	1.441	4.9	117	0.00
17		2-Methylphenol	1.105	1.094	1.0	119	0.00
18		Hexachloroethane	0.589	0.548	7.0	119	0.00
19	P	n-Nitroso-di-n-propylamine	1.032	1.011	2.0	115	0.00
20		3+4-Methylphenols	1.503	1.486	1.1	117	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22		Acetophenone	0.500	0.480	4.0	115	0.00
23	S	Nitrobenzene-d5	0.396	0.387	2.3	116	0.00
24		Nitrobenzene	0.348	0.335	3.7	115	0.00
25		Isophorone	0.687	0.661	3.8	113	0.00
26	C	2-Nitrophenol	0.171	0.175	-2.3	118	0.00
27		2,4-Dimethylphenol	0.301	0.297	1.3	115	0.00
28		bis(2-Chloroethoxy)methane	0.410	0.397	3.2	115	0.00
29	C	2,4-Dichlorophenol	0.292	0.293	-0.3	116	0.00
30		1,2,4-Trichlorobenzene	0.329	0.313	4.9	118	0.00
31		Naphthalene	1.036	0.986	4.8	116	0.00
32		Benzoic acid	0.181	0.180	0.6	108	0.00
33		4-Chloroaniline	0.418	0.422	-1.0	116	0.00
34	C	Hexachlorobutadiene	0.213	0.198	7.0	115	0.00
35		Caprolactam	0.106	0.105	0.9	110	0.00
36	C	4-Chloro-3-methylphenol	0.356	0.347	2.5	112	0.00
37		2-Methylnaphthalene	0.671	0.635	5.4	114	0.00
38		1-Methylnaphthalene	0.718	0.670	6.7	112	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.581	0.568	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	0.352	0.391	-11.1	118	0.00
42	S	2,4,6-Tribromophenol	0.339	0.333	1.8	111	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.391	-4.0	114	0.00
44		2,4,5-Trichlorophenol	0.419	0.430	-2.6	115	0.00
45	S	2-Fluorobiphenyl	1.527	1.464	4.1	110	0.00
46		1,1'-Biphenyl	1.478	1.438	2.7	112	0.00
47		2-Chloronaphthalene	1.127	1.106	1.9	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	0.334	0.339	-1.5	109	0.00
49		Acenaphthylene	1.886	1.815	3.8	109	0.00
50		Dimethylphthalate	1.524	1.477	3.1	110	0.00
51		2,6-Dinitrotoluene	0.322	0.316	1.9	109	0.00
52	C	Acenaphthene	1.084	1.028	5.2	108	0.00
53		3-Nitroaniline	0.329	0.336	-2.1	107	0.00
54	P	2,4-Dinitrophenol	0.169	0.173	-2.4	109	0.00
55		Dibenzofuran	1.730	1.639	5.3	108	0.00
56	P	4-Nitrophenol	0.250	0.259	-3.6	109	0.00
57		2,4-Dinitrotoluene	0.454	0.454	0.0	108	0.00
58		Fluorene	1.410	1.355	3.9	109	0.00
59		2,3,4,6-Tetrachlorophenol	0.388	0.381	1.8	109	0.00
60		Diethylphthalate	1.541	1.470	4.6	110	0.00
61		4-Chlorophenyl-phenylether	0.703	0.673	4.3	111	0.00
62		4-Nitroaniline	0.317	0.339	-6.9	111	0.00
63		Azobenzene	1.318	1.279	3.0	110	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	110	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.589	4.1	108	0.00
67		4-Bromophenyl-phenylether	0.236	0.229	3.0	111	0.00
68		Hexachlorobenzene	0.299	0.286	4.3	110	0.00
69		Atrazine	0.225	0.223	0.9	111	0.00
70	C	Pentachlorophenol	0.168	0.173	-3.0	109	0.00
71		Phenanthrene	1.112	1.044	6.1	108	0.00
72		Anthracene	1.119	1.069	4.5	108	0.00
73		Carbazole	1.012	1.002	1.0	109	0.00
74		Di-n-butylphthalate	1.302	1.268	2.6	109	0.00
75	C	Fluoranthene	1.300	1.253	3.6	109	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77		Benzidine	0.545	0.589	-8.1	113	0.00
78		Pyrene	1.198	1.147	4.3	107	0.01
79	S	Terphenyl-d14	1.166	1.119	4.0	107	0.01
80		Butylbenzylphthalate	0.533	0.540	-1.3	110	0.02
81		Benzo(a)anthracene	1.256	1.221	2.8	108	0.00
82		3,3'-Dichlorobenzidine	0.466	0.496	-6.4	111	0.00
83		Chrysene	1.190	1.138	4.4	108	0.00
84		Bis(2-ethylhexyl)phthalate	0.783	0.792	-1.1	111	0.00
85	c	Di-n-octyl phthalate	1.281	1.336	-4.3	112	0.00
86	I	Perylene-d12	1.000	1.000	0.0	109	0.01
87		Indeno(1,2,3-cd)pyrene	1.460	1.418	2.9	109	0.00
88		Benzo(b)fluoranthene	1.145	1.124	1.8	111	0.01
89		Benzo(k)fluoranthene	1.180	1.127	4.5	108	0.00
90	C	Benzo(a)pyrene	1.099	1.072	2.5	110	0.02
91		Dibenzo(a,h)anthracene	1.188	1.169	1.6	109	0.02
92		Benzo(g,h,i)perylene	1.181	1.149	2.7	109	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	119	0.00
2		1,4-Dioxane	40.000	36.789	8.0	119	0.00
3		Pyridine	40.000	39.526	1.2	120	0.00
4		n-Nitrosodimethylamine	40.000	37.979	5.1	118	0.00
5	S	2-Fluorophenol	80.000	77.955	2.6	123	0.00
6		Aniline	40.000	39.210	2.0	118	0.00
7	S	Phenol-d6	80.000	79.089	1.1	120	0.00
8		2-Chlorophenol	40.000	39.367	1.6	120	0.00
9		Benzaldehyde	40.000	39.033	2.4	118	0.00
10	C	Phenol	40.000	39.089	2.3	119	0.00
11		bis(2-Chloroethyl)ether	40.000	37.938	5.2	118	0.00
12		1,3-Dichlorobenzene	40.000	37.893	5.3	120	0.00
13	C	1,4-Dichlorobenzene	40.000	37.904	5.2	118	0.00
14		1,2-Dichlorobenzene	40.000	37.896	5.3	119	0.00
15		Benzyl Alcohol	40.000	40.541	-1.4	119	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.037	4.9	117	0.00
17		2-Methylphenol	40.000	39.618	1.0	119	0.00
18		Hexachloroethane	40.000	37.211	7.0	119	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.165	2.1	115	0.00
20		3+4-Methylphenols	40.000	39.562	1.1	117	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22		Acetophenone	40.000	38.468	3.8	115	0.00
23	S	Nitrobenzene-d5	80.000	78.227	2.2	116	0.00
24		Nitrobenzene	40.000	38.505	3.7	115	0.00
25		Isophorone	40.000	38.491	3.8	113	0.00
26	C	2-Nitrophenol	40.000	41.121	-2.8	118	0.00
27		2,4-Dimethylphenol	40.000	39.484	1.3	115	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.714	3.2	115	0.00
29	C	2,4-Dichlorophenol	40.000	40.189	-0.5	116	0.00
30		1,2,4-Trichlorobenzene	40.000	38.109	4.7	118	0.00
31		Naphthalene	40.000	38.069	4.8	116	0.00
32		Benzoic acid	40.000	36.464	8.8	108	0.00
33		4-Chloroaniline	40.000	40.368	-0.9	116	0.00
34	C	Hexachlorobutadiene	40.000	37.285	6.8	115	0.00
35		Caprolactam	40.000	39.752	0.6	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.013	2.5	112	0.00
37		2-Methylnaphthalene	40.000	37.852	5.4	114	0.00
38		1-Methylnaphthalene	40.000	37.339	6.7	112	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.130	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.371	-10.9	118	0.00
42	S	2,4,6-Tribromophenol	80.000	78.525	1.8	111	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.549	-3.9	114	0.00
44		2,4,5-Trichlorophenol	40.000	41.064	-2.7	115	0.00
45	S	2-Fluorobiphenyl	80.000	76.733	4.1	110	0.00
46		1,1'-Biphenyl	40.000	38.906	2.7	112	0.00
47		2-Chloronaphthalene	40.000	39.238	1.9	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	40.604	-1.5	109	0.00
49		Acenaphthylene	40.000	38.493	3.8	109	0.00
50		Dimethylphthalate	40.000	38.751	3.1	110	0.00
51		2,6-Dinitrotoluene	40.000	39.317	1.7	109	0.00
52	C	Acenaphthene	40.000	37.904	5.2	108	0.00
53		3-Nitroaniline	40.000	40.871	-2.2	107	0.00
54	P	2,4-Dinitrophenol	40.000	37.829	5.4	109	0.00
55		Dibenzofuran	40.000	37.910	5.2	108	0.00
56	P	4-Nitrophenol	40.000	38.698	3.3	109	0.00
57		2,4-Dinitrotoluene	40.000	39.975	0.1	108	0.00
58		Fluorene	40.000	38.422	3.9	109	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.274	1.8	109	0.00
60		Diethylphthalate	40.000	38.171	4.6	110	0.00
61		4-Chlorophenyl-phenylether	40.000	38.249	4.4	111	0.00
62		4-Nitroaniline	40.000	42.722	-6.8	111	0.00
63		Azobenzene	40.000	38.822	2.9	110	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.305	-0.8	110	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.382	4.0	108	0.00
67		4-Bromophenyl-phenylether	40.000	38.909	2.7	111	0.00
68		Hexachlorobenzene	40.000	38.175	4.6	110	0.00
69		Atrazine	40.000	39.570	1.1	111	0.00
70	C	Pentachlorophenol	40.000	41.124	-2.8	109	0.00
71		Phenanthrene	40.000	37.546	6.1	108	0.00
72		Anthracene	40.000	38.241	4.4	108	0.00
73		Carbazole	40.000	39.575	1.1	109	0.00
74		Di-n-butylphthalate	40.000	38.939	2.7	109	0.00
75	C	Fluoranthene	40.000	38.566	3.6	109	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77		Benzidine	40.000	43.253	-8.1	113	0.00
78		Pyrene	40.000	38.281	4.3	107	0.01
79	S	Terphenyl-d14	80.000	76.753	4.1	107	0.01
80		Butylbenzylphthalate	40.000	40.523	-1.3	110	0.02
81		Benzo(a)anthracene	40.000	38.889	2.8	108	0.00
82		3,3'-Dichlorobenzidine	40.000	42.508	-6.3	111	0.00
83		Chrysene	40.000	38.227	4.4	108	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.433	-1.1	111	0.00
85	c	Di-n-octyl phthalate	40.000	41.721	-4.3	112	0.00
86	I	Perylene-d12	20.000	20.000	0.0	109	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	38.851	2.9	109	0.00
88		Benzo(b)fluoranthene	40.000	39.289	1.8	111	0.01
89		Benzo(k)fluoranthene	40.000	38.223	4.4	108	0.00
90	C	Benzo(a)pyrene	40.000	39.004	2.5	110	0.02
91		Dibenzo(a,h)anthracene	40.000	39.377	1.6	109	0.02
92		Benzo(g,h,i)perylene	40.000	38.906	2.7	109	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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

Raw Data: **BF142336.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_F Calibration Date/Time: 05/13/2025 10:49

Lab File ID: BF142336.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.172	1.367		16.6	
Benzaldehyde	0.843	0.753		-10.7	
Phenol-d6	1.441	1.664		15.5	
Phenol	1.531	1.898		24.0	20.0
bis(2-Chloroethyl)ether	1.506	1.507		0.1	
2-Chlorophenol	1.252	1.494		19.3	
2-Methylphenol	1.014	1.200		18.3	
2,2-oxybis(1-Chloropropane)	2.249	2.554		13.6	
Acetophenone	0.445	0.499		12.1	
3+4-Methylphenols	1.265	1.480		17.0	
n-Nitroso-di-n-propylamine	0.891	1.031	0.050	15.7	
Nitrobenzene-d5	0.328	0.407		24.1	
Hexachloroethane	0.478	0.564		18.0	
Nitrobenzene	0.309	0.384		24.3	
Isophorone	0.621	0.722		16.3	
2-Nitrophenol	0.129	0.174		34.9	20.0
2,4-Dimethylphenol	0.312	0.365		17.0	
bis(2-Chloroethoxy)methane	0.399	0.454		13.8	
2,4-Dichlorophenol	0.265	0.324		22.3	20.0
Naphthalene	0.969	1.107		14.2	
4-Chloroaniline	0.395	0.472		19.5	
Hexachlorobutadiene	0.177	0.205		15.8	20.0
Caprolactam	0.077	0.101		31.2	
4-Chloro-3-methylphenol	0.276	0.328		18.8	20.0
2-Methylnaphthalene	0.602	0.684		13.6	
Hexachlorocyclopentadiene	0.345	0.427	0.050	23.8	
2,4,6-Trichlorophenol	0.352	0.428		21.6	20.0
2-Fluorobiphenyl	1.403	1.493		6.4	
2,4,5-Trichlorophenol	0.375	0.463		23.5	
1,1-Biphenyl	1.533	1.716		11.9	
2-Chloronaphthalene	1.140	1.289		13.1	
2-Nitroaniline	0.292	0.387		32.5	
Dimethylphthalate	1.284	1.507		17.4	
Acenaphthylene	1.908	2.144		12.4	
2,6-Dinitrotoluene	0.240	0.324		35.0	
3-Nitroaniline	0.282	0.375		33.0	
Acenaphthene	1.147	1.291		12.6	20.0
2,4-Dinitrophenol	0.102	0.137	0.050	34.3	
4-Nitrophenol	0.212	0.286	0.050	34.9	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_F Calibration Date/Time: 05/13/2025 10:49

Lab File ID: BF142336.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.693	1.907		12.6	
2,4-Dinitrotoluene	0.308	0.427		38.6	
Diethylphthalate	1.283	1.519		18.4	
4-Chlorophenyl-phenylether	0.623	0.707		13.5	
Fluorene	1.292	1.434		11.0	
4-Nitroaniline	0.223	0.278		24.7	
4,6-Dinitro-2-methylphenol	0.082	0.108		31.7	
n-Nitrosodiphenylamine	0.666	0.748		12.3	20.0
2,4,6-Tribromophenol	0.193	0.249		29.0	
4-Bromophenyl-phenylether	0.227	0.262		15.4	
Hexachlorobenzene	0.249	0.290		16.5	
Atrazine	0.175	0.220		25.7	
Pentachlorophenol	0.131	0.173		32.1	20.0
Phenanthrene	1.048	1.171		11.7	
Anthracene	1.077	1.205		11.9	
Carbazole	0.966	1.086		12.4	
Di-n-butylphthalate	1.016	1.242		22.2	
Fluoranthene	1.048	1.170		11.6	20.0
Pyrene	1.780	1.976		11.0	
Terphenyl-d14	1.351	1.483		9.8	
Butylbenzylphthalate	0.449	0.615		37.0	
3,3-Dichlorobenzidine	0.301	0.406		34.9	
Benzo(a)anthracene	1.295	1.500		15.8	
Chrysene	1.206	1.354		12.3	
Bis(2-ethylhexyl)phthalate	0.573	0.764		33.3	
Di-n-octyl phthalate	1.057	1.342		27.0	20.0
Benzo(b)fluoranthene	1.211	1.431		18.2	
Benzo(k)fluoranthene	1.109	1.254		13.1	
Benzo(a)pyrene	1.085	1.300		19.8	20.0
Indeno(1,2,3-cd)pyrene	1.391	1.662		19.5	
Dibenzo(a,h)anthracene	1.149	1.354		17.8	
Benzo(g,h,i)perylene	1.141	1.342		17.6	
1,2,4,5-Tetrachlorobenzene	0.559	0.639		14.3	
1,4-Dioxane	0.528	0.613		16.1	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.387		25.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	199243	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	783419	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	422251	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	732764	20.000	ng	0.00
76) Chrysene-d12	14.074	240	429049	20.000	ng	0.00
86) Perylene-d12	15.563	264	422358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1089406	93.338	ng	0.00
7) Phenol-d6	6.528	99	1325765	92.355	ng	0.00
23) Nitrobenzene-d5	7.469	82	1274851	99.244	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	421374	103.360	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2521890	85.160	ng	0.00
79) Terphenyl-d14	13.016	244	2544484	87.778	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	244141	46.450	ng	99
3) Pyridine	3.440	79	619125	50.172	ng	98
4) n-Nitrosodimethylamine	3.393	42	331847	46.270	ng	98
6) Aniline	6.569	93	861426	61.179	ng	100
8) 2-Chlorophenol	6.687	128	595294	47.729	ng	99
9) Benzaldehyde	6.457	77	299990	35.706	ng	99
10) Phenol	6.540	94	756188	49.695	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	600392	40.011	ng	98
12) 1,3-Dichlorobenzene	6.845	146	648776	45.467	ng	99
13) 1,4-Dichlorobenzene	6.922	146	653098	45.586	ng	99
14) 1,2-Dichlorobenzene	7.075	146	633135	46.040	ng	100
15) Benzyl Alcohol	7.045	79	474722	51.070	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1017623	45.413	ng	100
17) 2-Methylphenol	7.151	107	478348	47.372	ng	100
18) Hexachloroethane	7.422	117	224841	47.168	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	410811	46.265	ng	97
20) 3+4-Methylphenols	7.304	107	589778	46.799	ng	97
22) Acetophenone	7.316	105	781512	44.866	ng	99
24) Nitrobenzene	7.492	77	601351	49.663	ng	96
25) Isophorone	7.728	82	1131035	46.497	ng	99
26) 2-Nitrophenol	7.804	139	272331	46.775	ng	99
27) 2,4-Dimethylphenol	7.834	122	572246	46.791	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	711812	45.508	ng	100
29) 2,4-Dichlorophenol	8.040	162	507181	48.778	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	540912	46.225	ng	99
31) Naphthalene	8.210	128	1734051	45.670	ng	100
32) Benzoic acid	7.945	122	315432m	48.069	ng	
33) 4-Chloroaniline	8.257	127	740296	47.782	ng	99
34) Hexachlorobutadiene	8.328	225	321190	46.354	ng	99
35) Caprolactam	8.622	113	158124	52.181	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	513736	47.531	ng	100
37) 2-Methylnaphthalene	8.898	142	1072003	45.437	ng	98
38) 1-Methylnaphthalene	8.998	142	1116031	45.385	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	539798	45.772	ng	99
41) Hexachlorocyclopentadiene	9.057	237	360385	49.446	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	361231	48.561	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

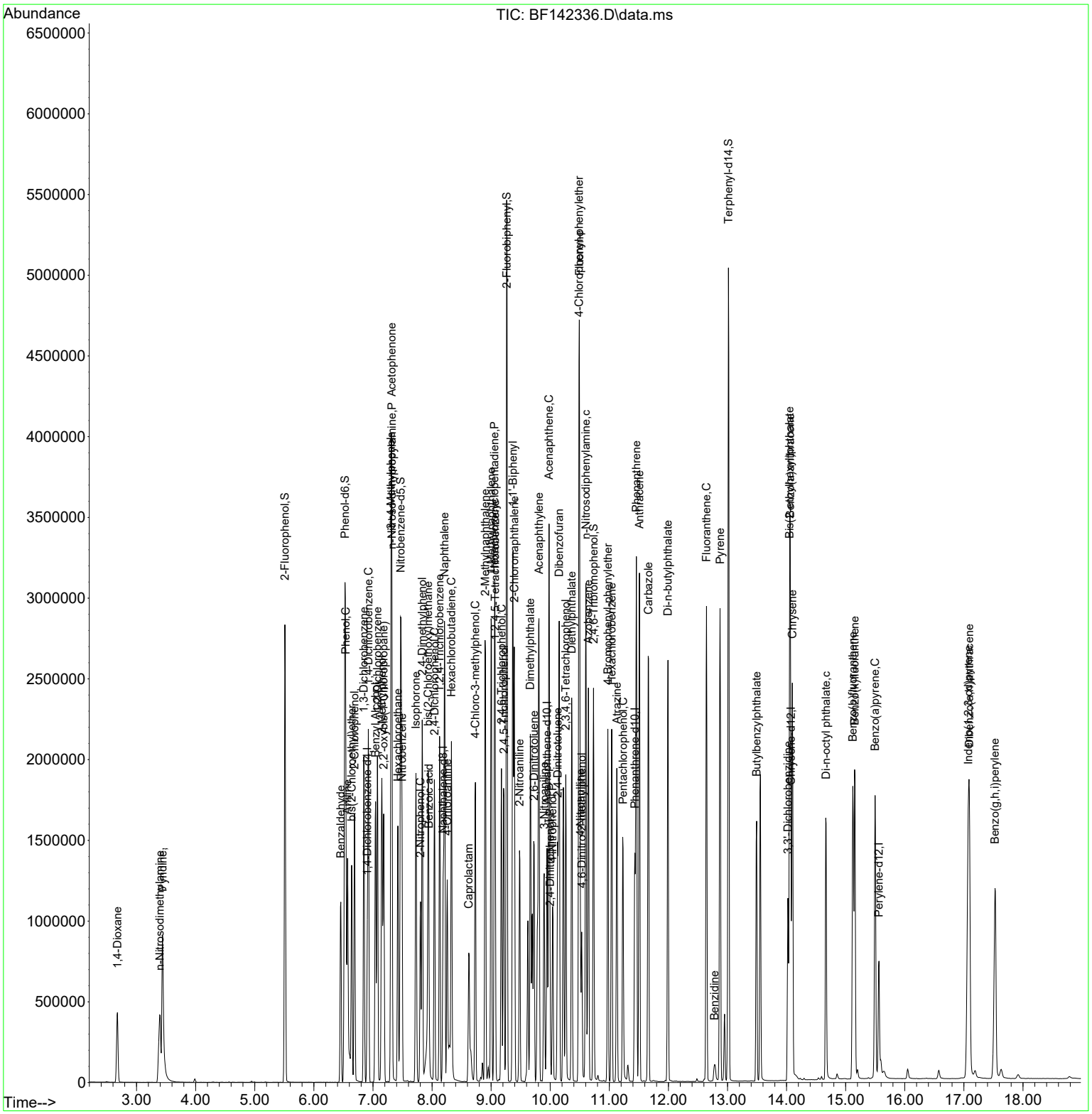
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	390633	49.355	ng		98
46) 1,1'-Biphenyl	9.369	154	1449158	44.761	ng		99
47) 2-Chloronaphthalene	9.392	162	1088716	45.218	ng		99
48) 2-Nitroaniline	9.481	65	326709	52.939	ng		98
49) Acenaphthylene	9.810	152	1810909	44.961	ng		99
50) Dimethylphthalate	9.663	163	1272686	46.938	ng		100
51) 2,6-Dinitrotoluene	9.728	165	273559	53.901	ng		91
52) Acenaphthene	9.981	154	1090605	45.032	ng		99
53) 3-Nitroaniline	9.898	138	316945	53.247	ng		96
54) 2,4-Dinitrophenol	9.998	184	115320	46.934	ng	#	13
55) Dibenzofuran	10.151	168	1610610	45.062	ng		99
56) 4-Nitrophenol	10.039	139	241256	53.854	ng		99
57) 2,4-Dinitrotoluene	10.128	165	360605	55.391	ng		98
58) Fluorene	10.492	166	1210666	44.385	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	326712	50.003	ng		99
60) Diethylphthalate	10.363	149	1282684	47.371	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	597338	45.391	ng		99
62) 4-Nitroaniline	10.510	138	234587	49.726	ng		99
63) Azobenzene	10.645	77	1177154	45.494	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	157743	46.453	ng		99
66) n-Nitrosodiphenylamine	10.604	169	1095830	44.941	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	383867	46.223	ng		98
68) Hexachlorobenzene	11.039	284	425189	46.545	ng		98
69) Atrazine	11.128	200	323129	50.272	ng		99
70) Pentachlorophenol	11.233	266	253484	52.747	ng		97
71) Phenanthrene	11.457	178	1716372	44.686	ng		100
72) Anthracene	11.510	178	1765937	44.746	ng		100
73) Carbazole	11.663	167	1590890	44.931	ng		99
74) Di-n-butylphthalate	11.992	149	1820284	48.890	ng		100
75) Fluoranthene	12.645	202	1715140	44.671	ng		100
77) Benzidine	12.780	184	86272	11.065	ng		98
78) Pyrene	12.874	202	1695335	44.393	ng		100
80) Butylbenzylphthalate	13.492	149	527431	47.376	ng		98
81) Benzo(a)anthracene	14.063	228	1286820	46.312	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	348051	53.865	ng		99
83) Chrysene	14.098	228	1161556	44.906	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	655350	45.405	ng		99
85) Di-n-octyl phthalate	14.668	149	1151683	44.663	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1403936	47.784	ng		100
88) Benzo(b)fluoranthene	15.121	252	1209004	47.263	ng		100
89) Benzo(k)fluoranthene	15.151	252	1059661	45.267	ng		99
90) Benzo(a)pyrene	15.498	252	1098240	47.910	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	1144103	47.135	ng		99
92) Benzo(g,h,i)perylene	17.527	276	1133909	47.068	ng		100

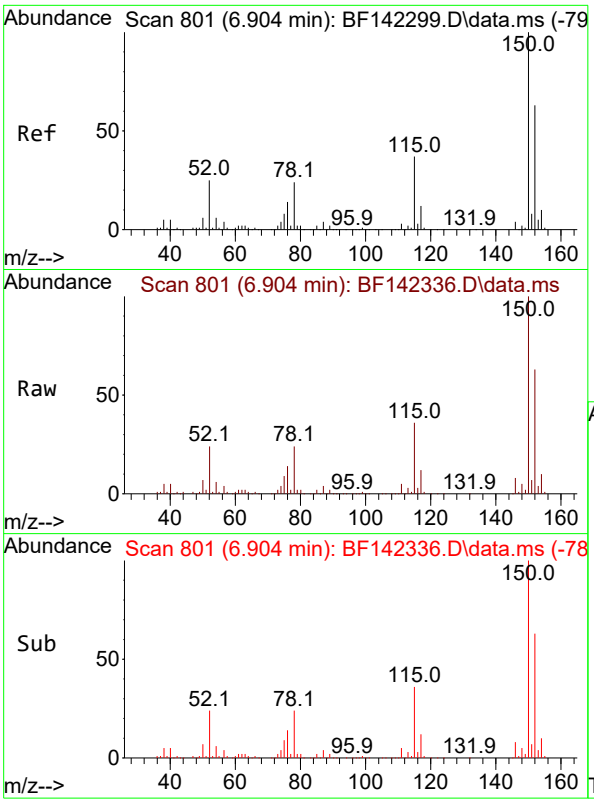
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
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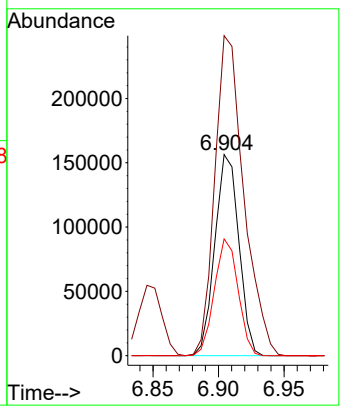


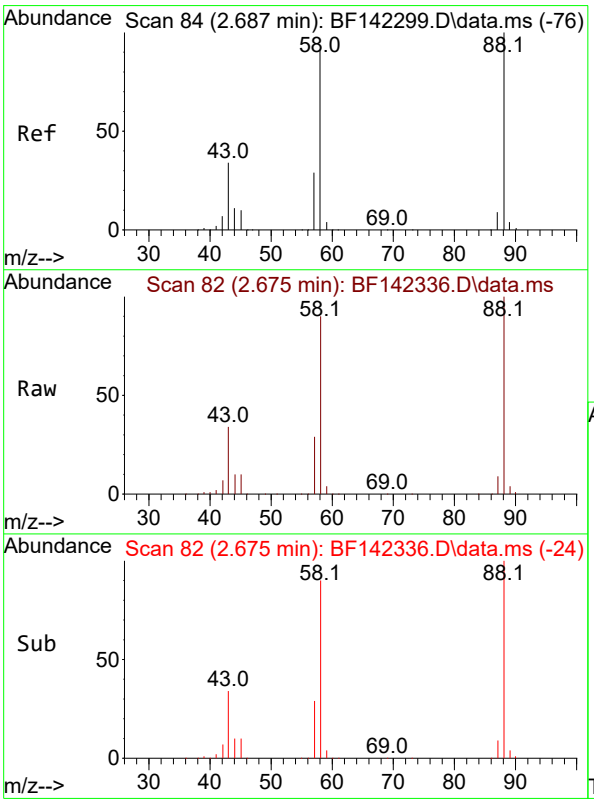
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 199243

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	190.0
115	58.1	47.3	70.9

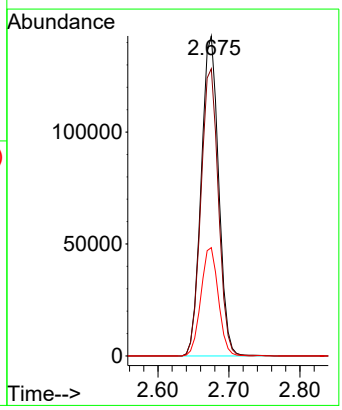


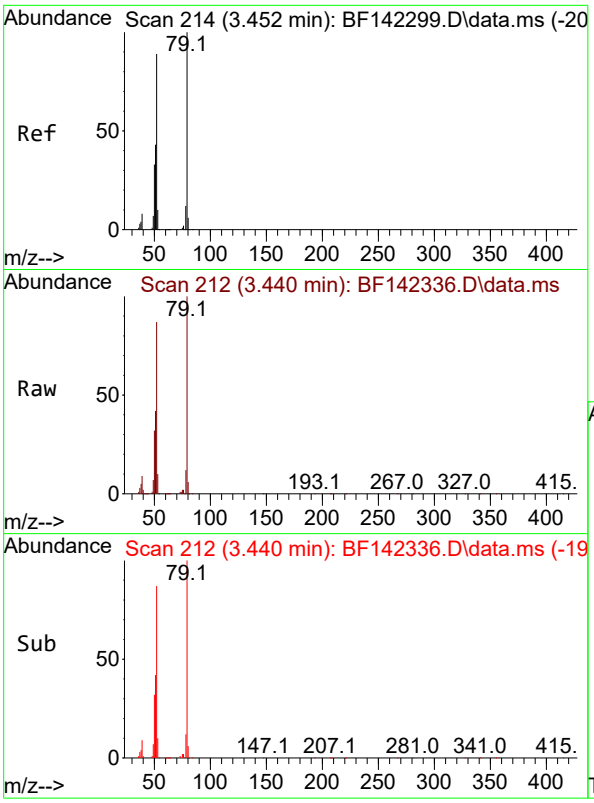


#2
1,4-Dioxane
Concen: 46.450 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.012 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 88 Resp: 244141

Ion	Ratio	Lower	Upper
88	100		
58	90.0	73.0	109.4
43	33.8	27.8	41.6



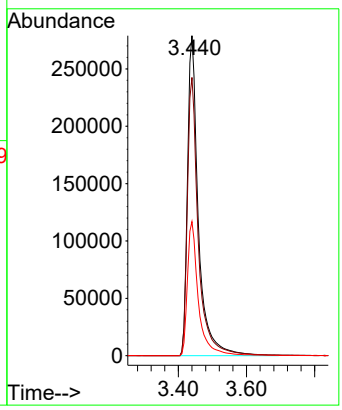


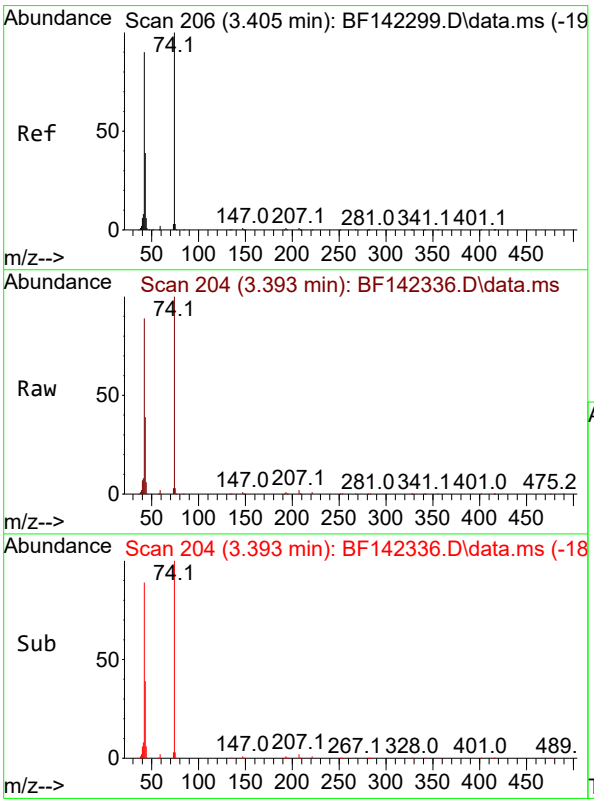
#3
Pyridine
Concen: 50.172 ng
RT: 3.440 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 619125

Ion	Ratio	Lower	Upper
79	100		
52	86.9	71.0	106.4
51	41.9	34.9	52.3

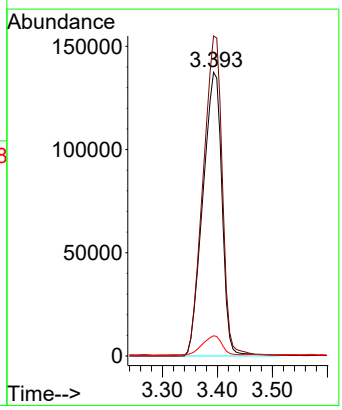


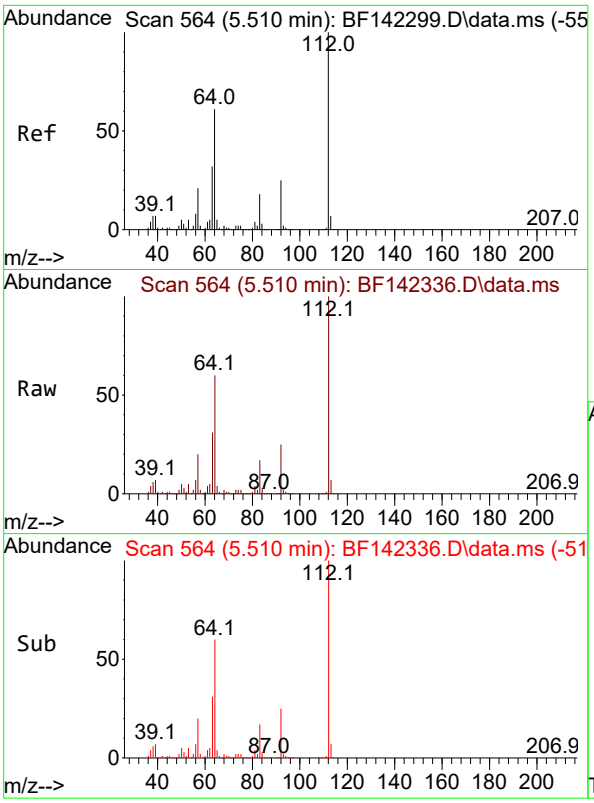


#4
n-Nitrosodimethylamine
Concen: 46.270 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 42 Resp: 331847

Ion	Ratio	Lower	Upper
42	100		
74	112.8	88.5	132.7
44	7.1	5.8	8.8



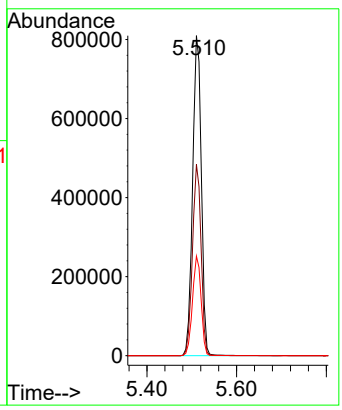


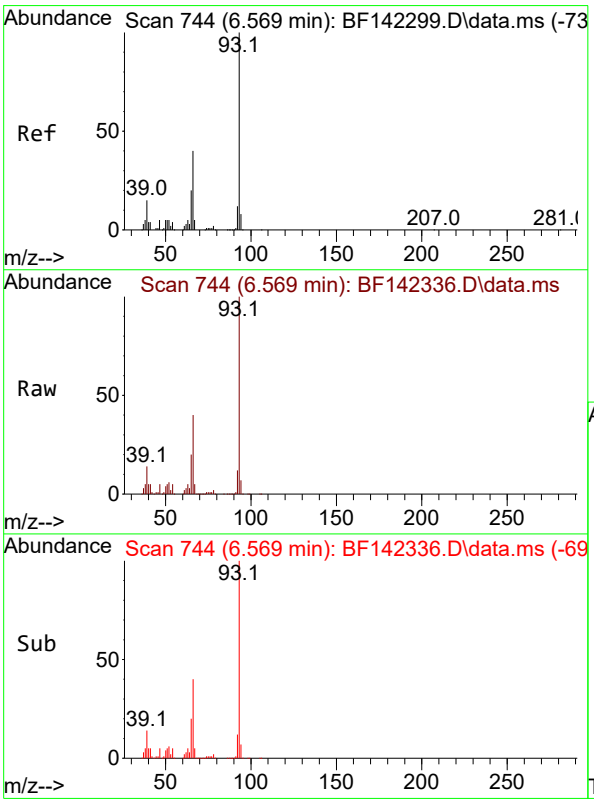
#5
2-Fluorophenol
Concen: 93.338 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1089406

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.9	73.3
63	31.1	25.6	38.4

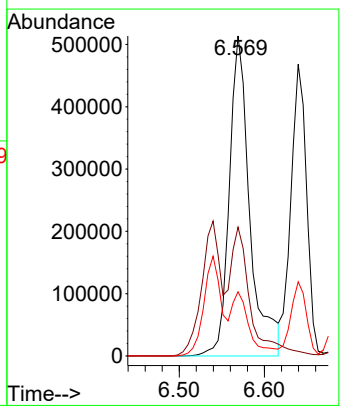


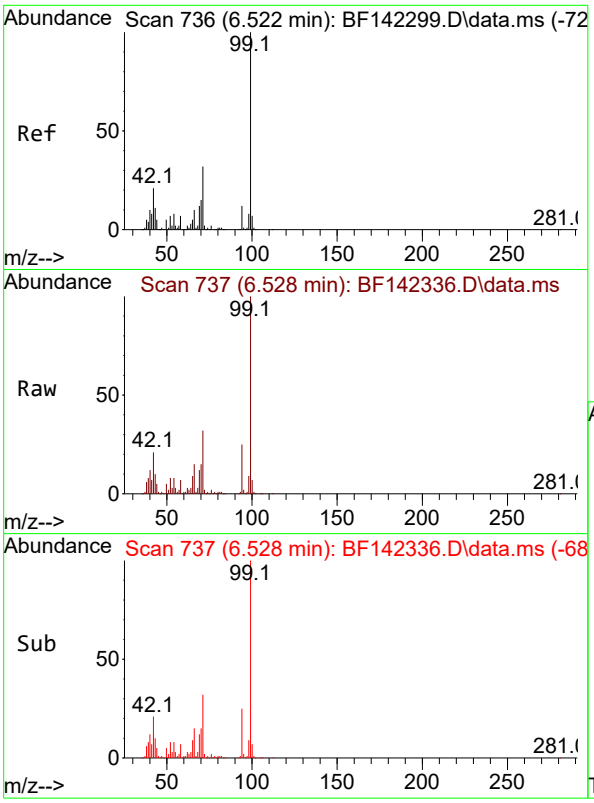


#6
Aniline
Concen: 61.179 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 93 Resp: 861426

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.2	48.4
65	20.1	16.3	24.5



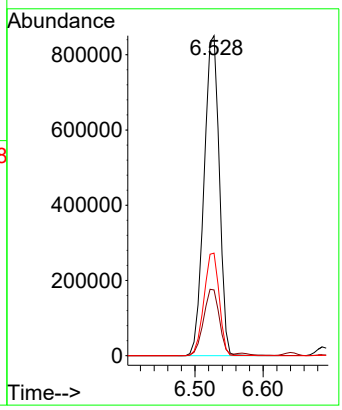


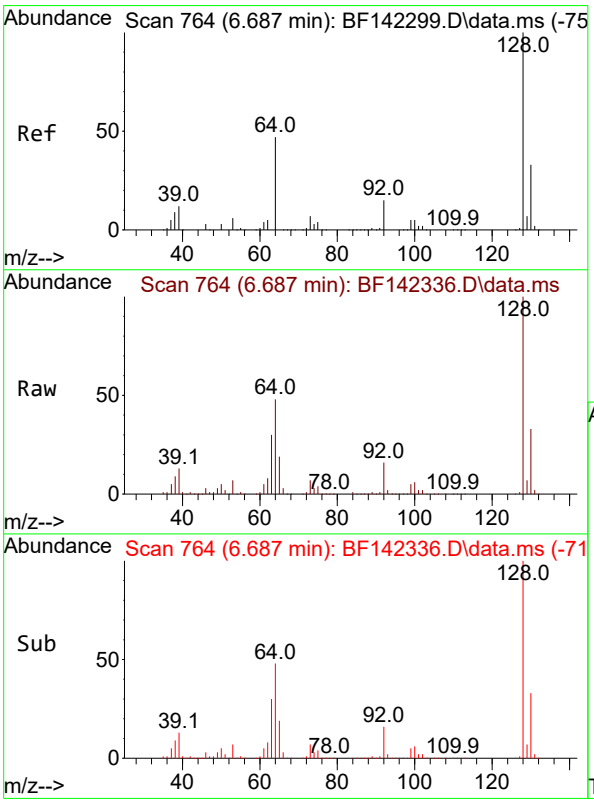
#7
Phenol-d6
Concen: 92.355 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1325765

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	32.0	25.8	38.8

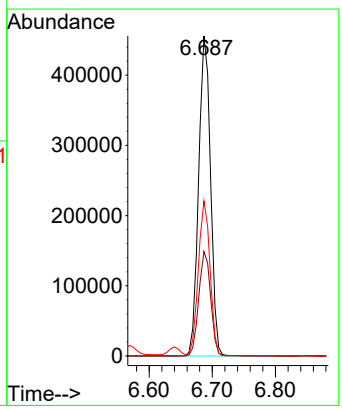


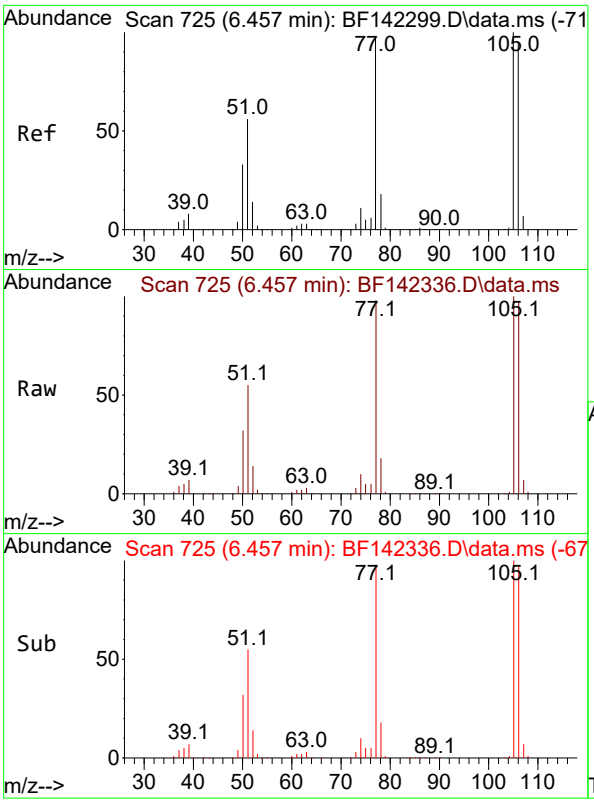


#8
2-Chlorophenol
Concen: 47.729 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:128 Resp: 595294

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	48.4	29.2	69.2



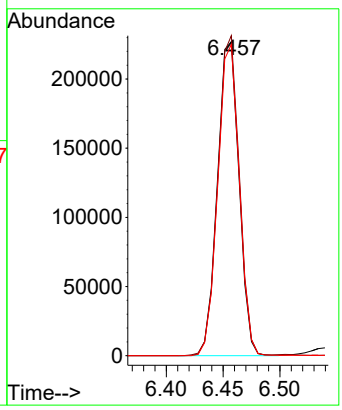


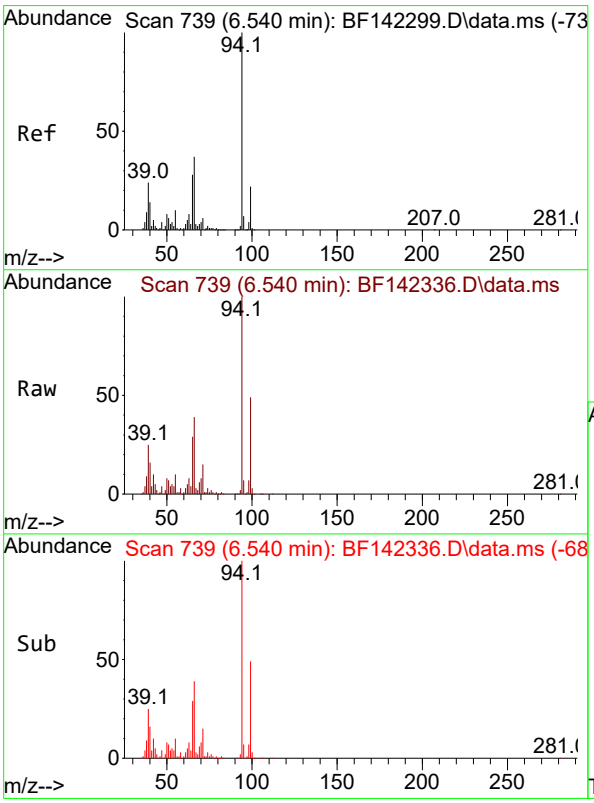
#9
Benzaldehyde
Concen: 35.706 ng
RT: 6.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 299990

Ion	Ratio	Lower	Upper
77	100		
105	102.0	82.0	122.0
106	99.2	77.2	117.2

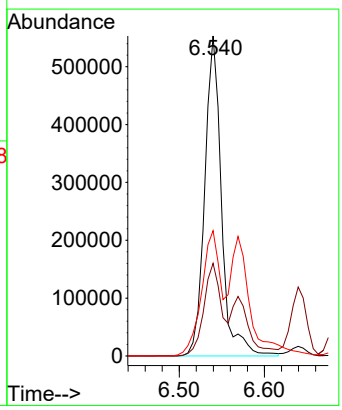


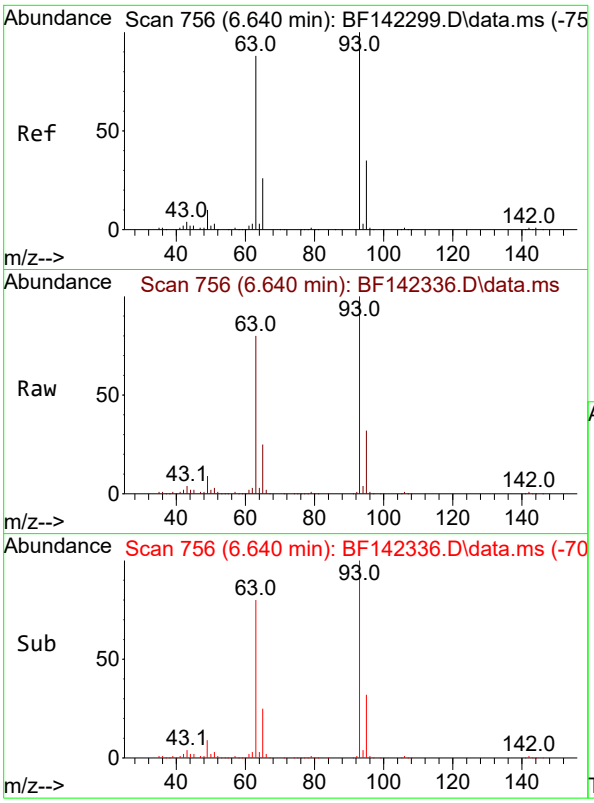


#10
Phenol
Concen: 49.695 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 94 Resp: 756188

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.5	48.5
66	39.2	17.3	57.3



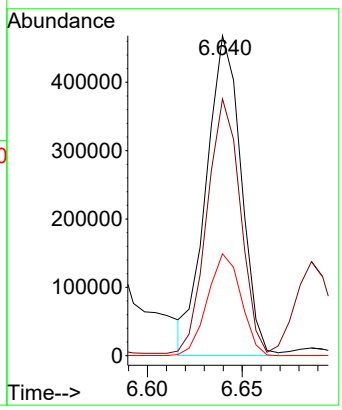


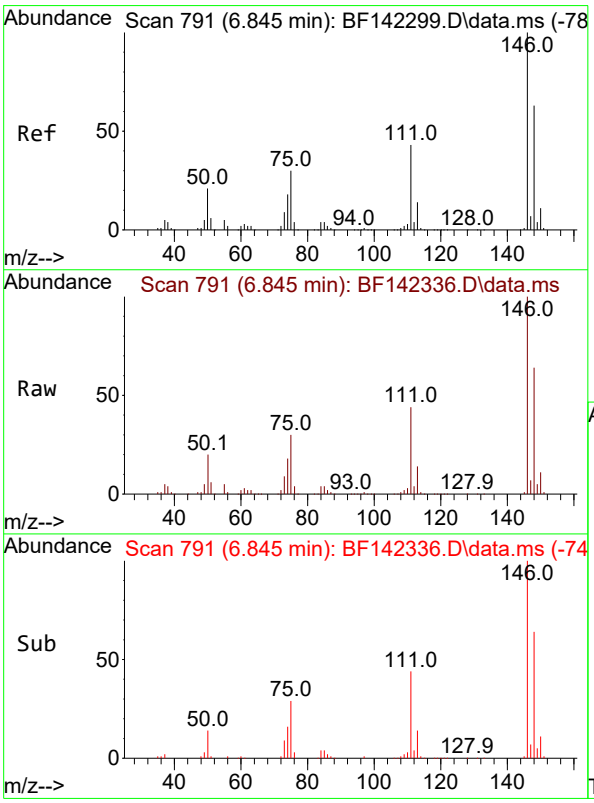
#11
bis(2-Chloroethyl)ether
Concen: 40.011 ng
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 600392

Ion	Ratio	Lower	Upper
93	100		
63	80.3	58.4	98.4
95	31.9	10.6	50.6

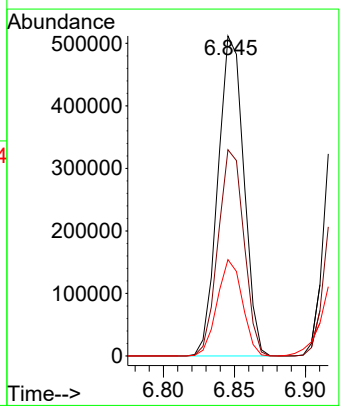


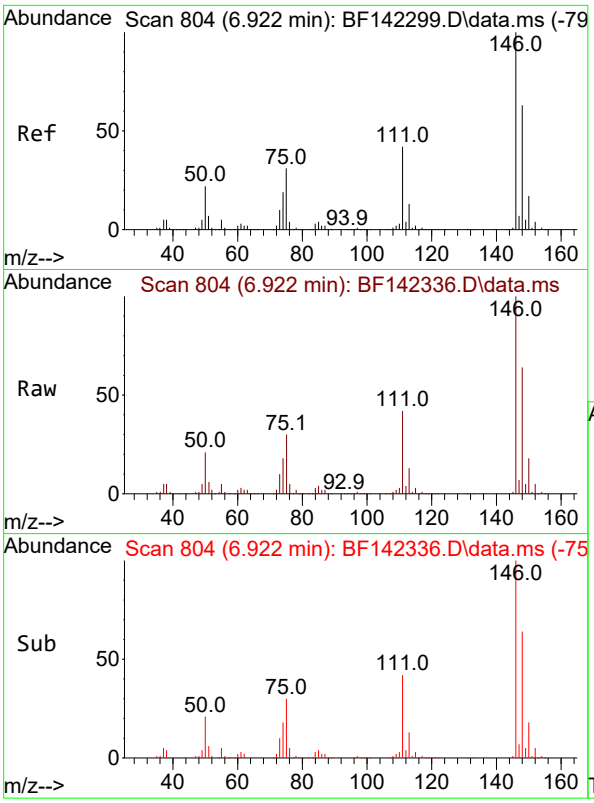


#12
1,3-Dichlorobenzene
Concen: 45.467 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:146 Resp: 648776

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
75	30.1	24.2	36.4



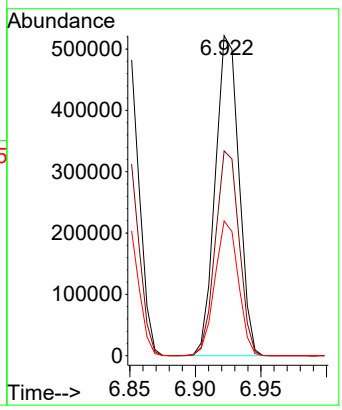


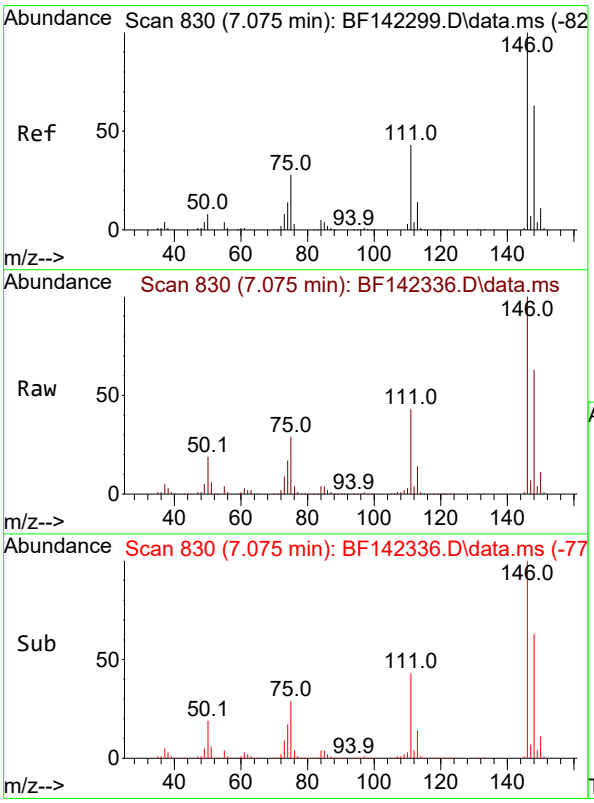
#13
1,4-Dichlorobenzene
Concen: 45.586 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 653098

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
111	42.1	33.4	50.2

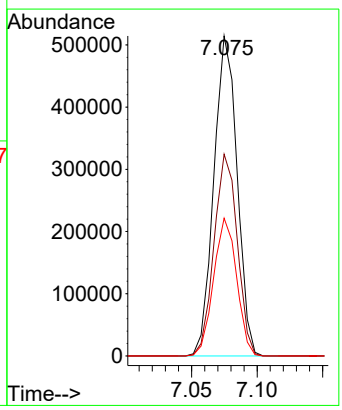


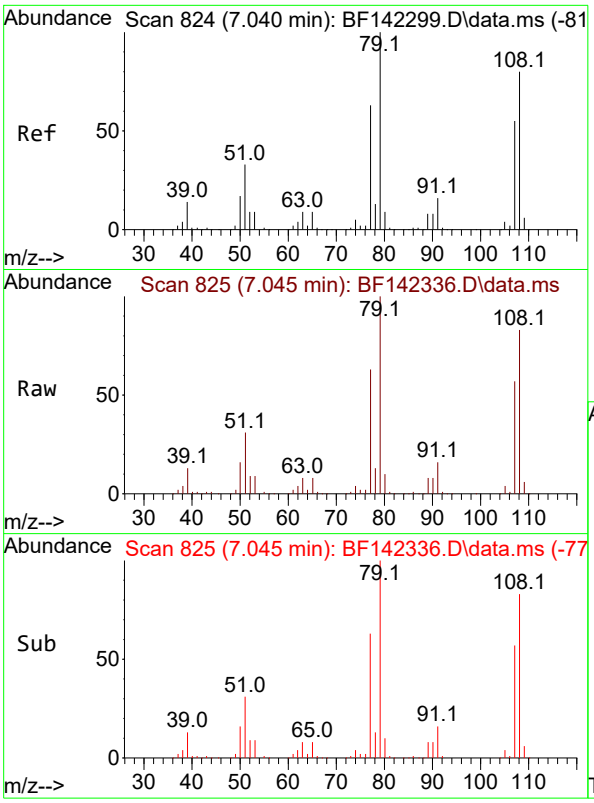


#14
1,2-Dichlorobenzene
Concen: 46.040 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:146 Resp: 633135

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	43.0	34.5	51.7



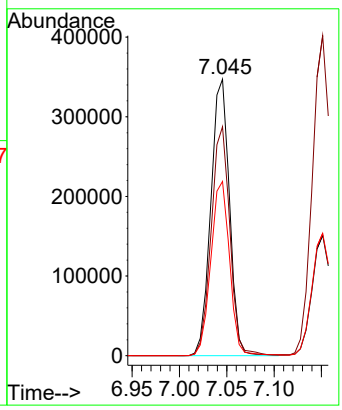


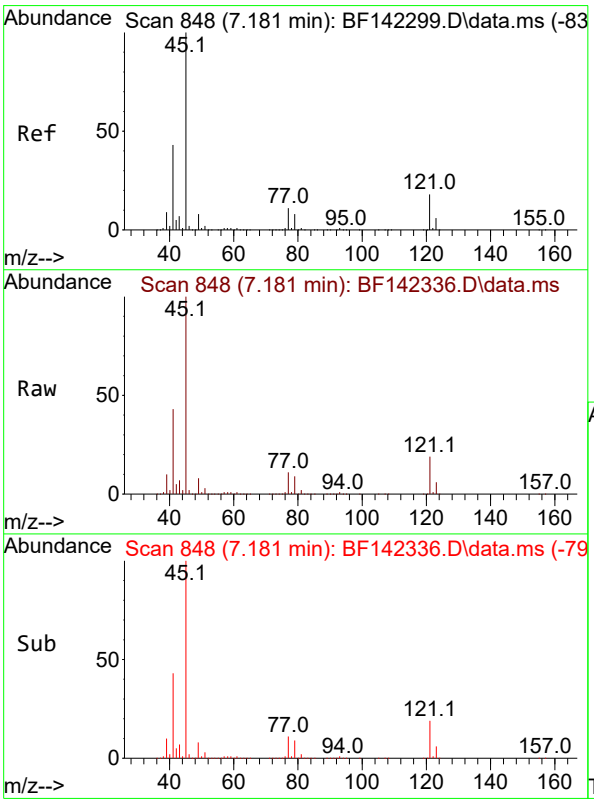
#15
Benzyl Alcohol
Concen: 51.070 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 474722

Ion	Ratio	Lower	Upper
79	100		
108	82.9	63.9	95.9
77	63.0	50.7	76.1

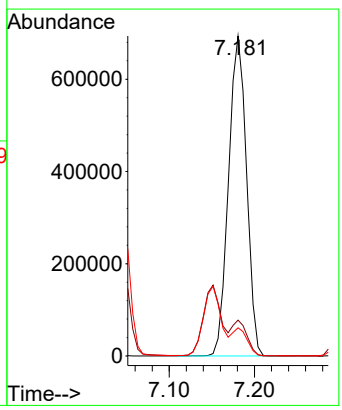


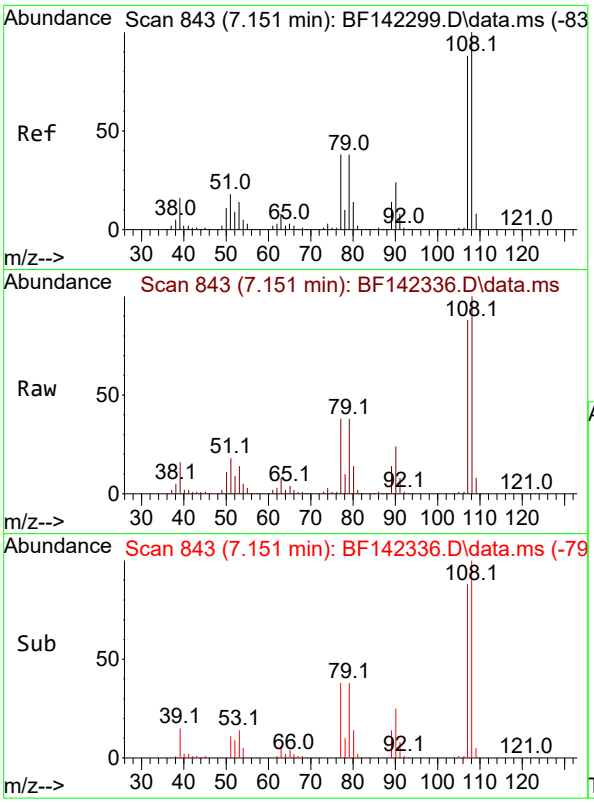


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.413 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 45 Resp: 1017623

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.2
79	8.8	0.0	28.5



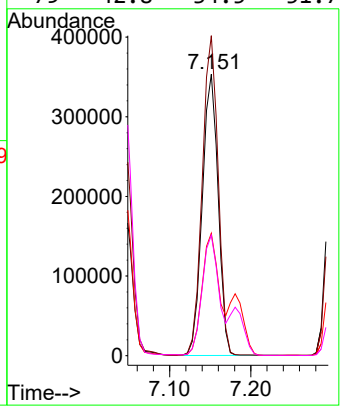


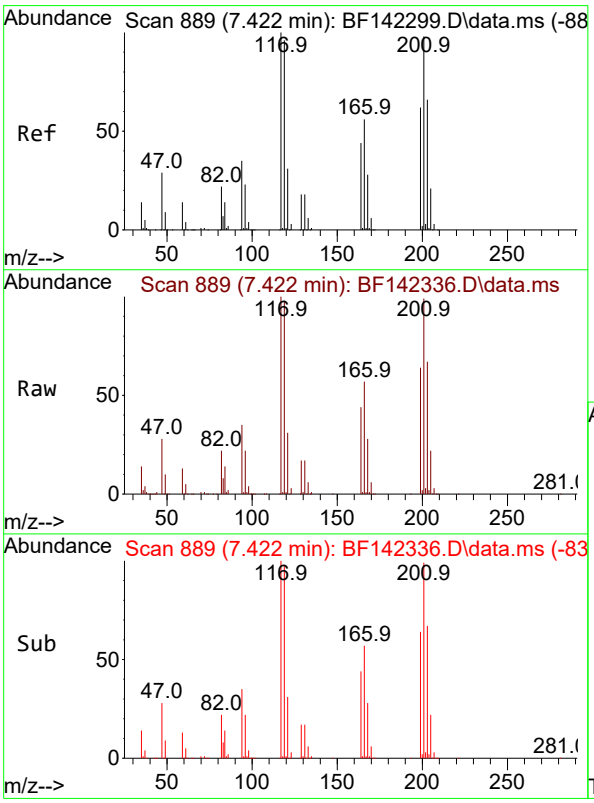
#17
2-Methylphenol
Concen: 47.372 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 478348

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.1	136.7
77	43.5	34.7	52.1
79	42.8	34.5	51.7

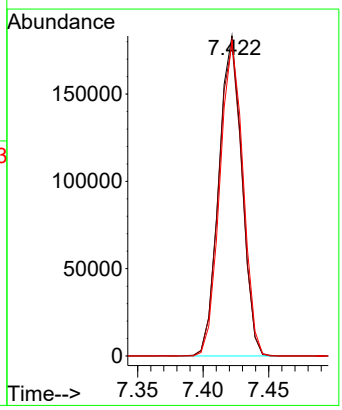


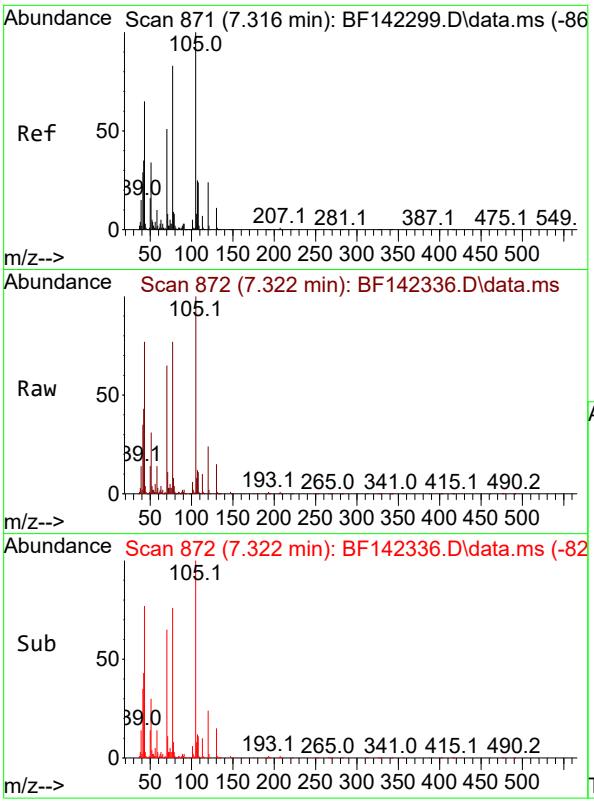


#18
Hexachloroethane
Concen: 47.168 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:117 Resp: 224841

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	98.5	78.0	117.0



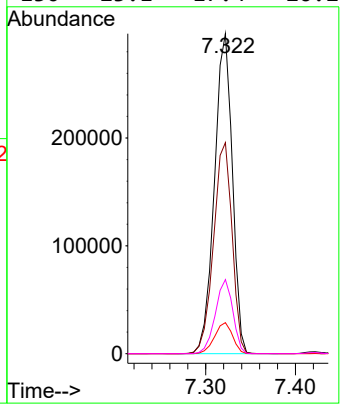


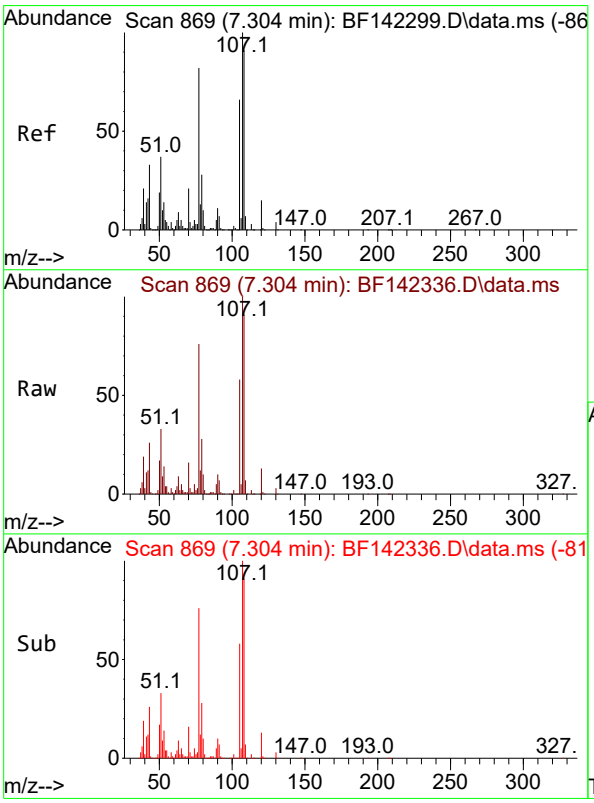
#19
n-Nitroso-di-n-propylamine
Concen: 46.265 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 410811

Ion	Ratio	Lower	Upper
70	100		
42	65.9	54.8	82.2
101	9.7	7.7	11.5
130	23.1	17.4	26.2

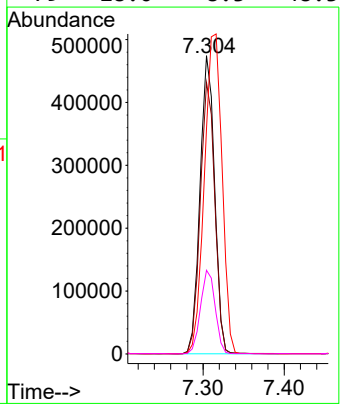


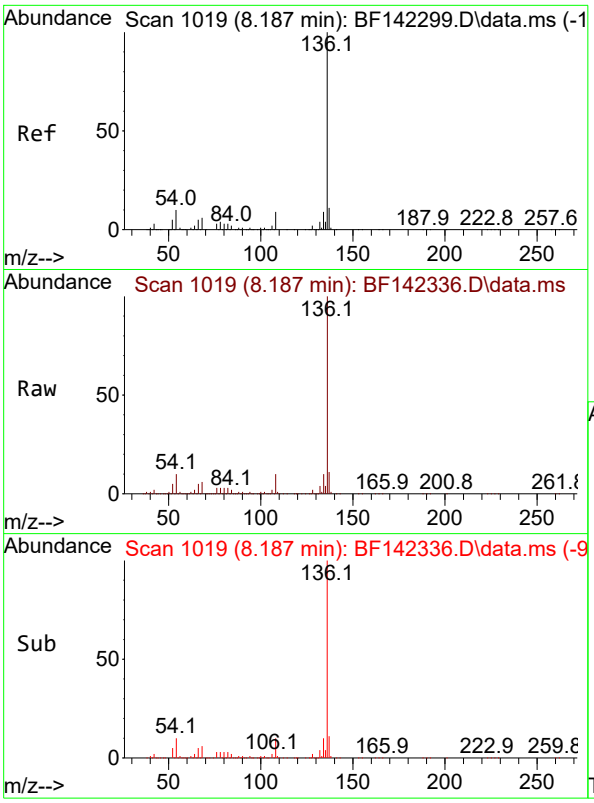


#20
3+4-Methylphenols
Concen: 46.799 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:107 Resp: 589778

Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.5	111.5
77	75.7	61.6	101.6
79	28.0	8.3	48.3



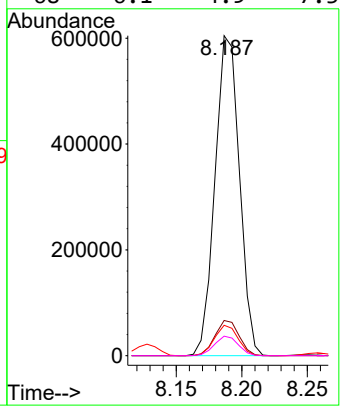


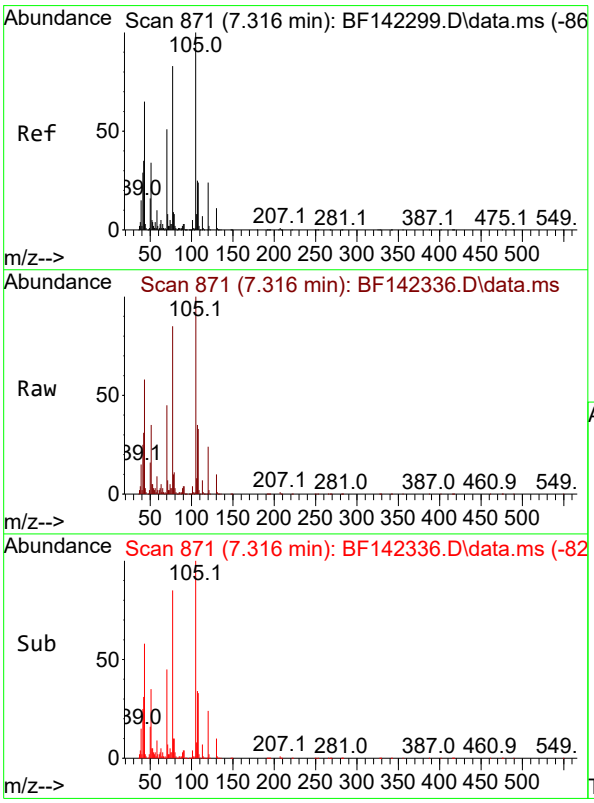
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 783419

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	7.7	11.5
68	6.1	4.9	7.3

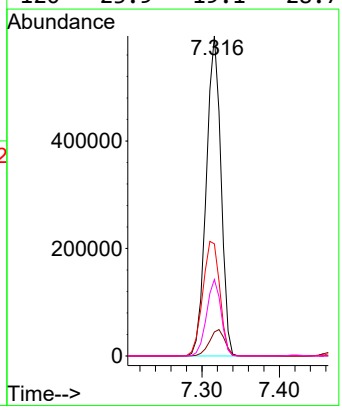


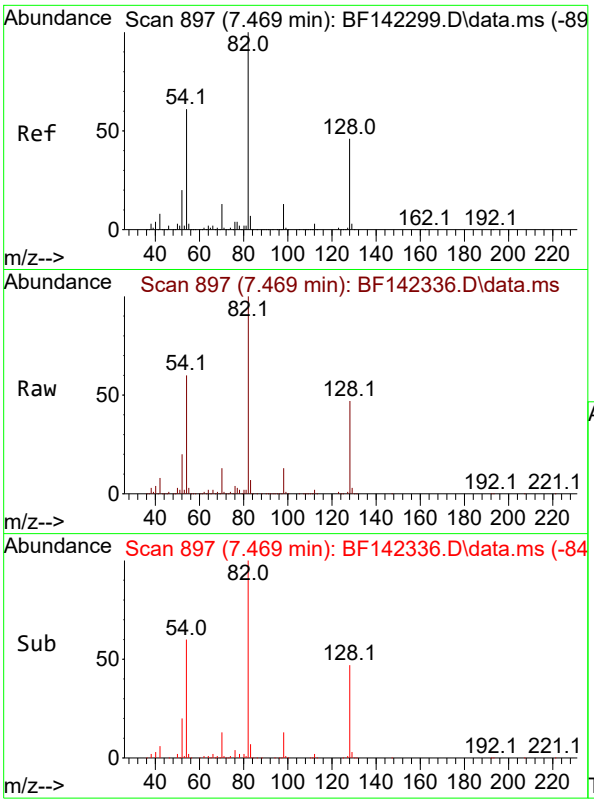


#22
Acetophenone
Concen: 44.866 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:105 Resp: 781512

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.7	10.1
51	35.0	27.6	41.4
120	23.9	19.1	28.7



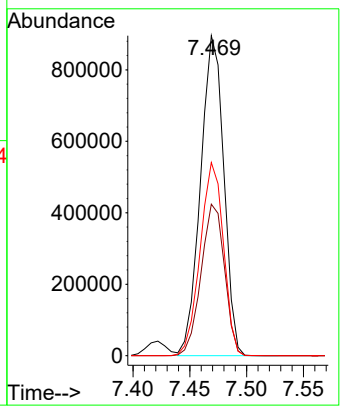


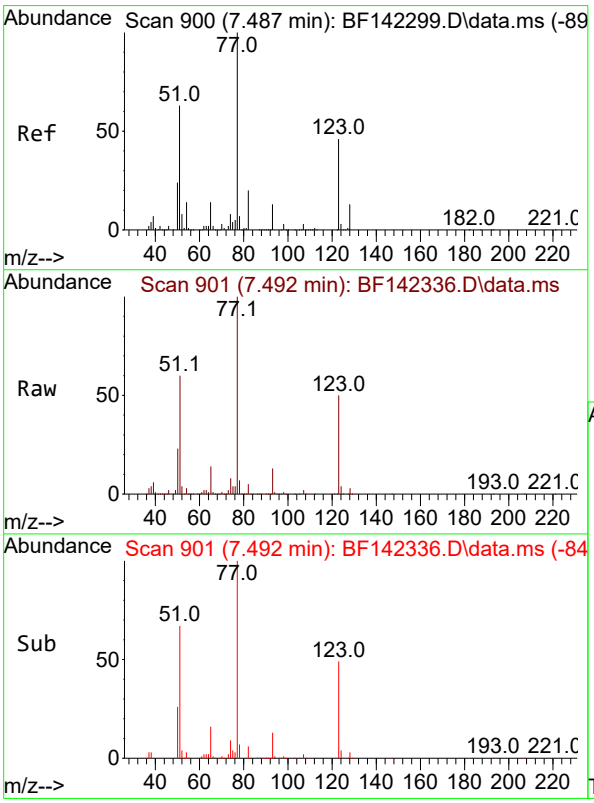
#23
Nitrobenzene-d5
Concen: 99.244 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1274851

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	60.3	48.6	73.0

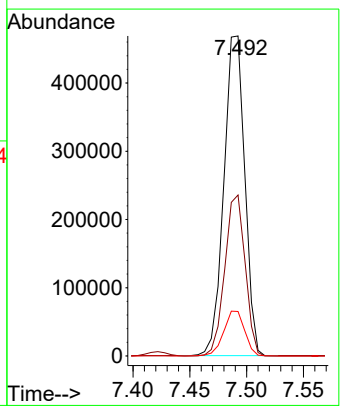


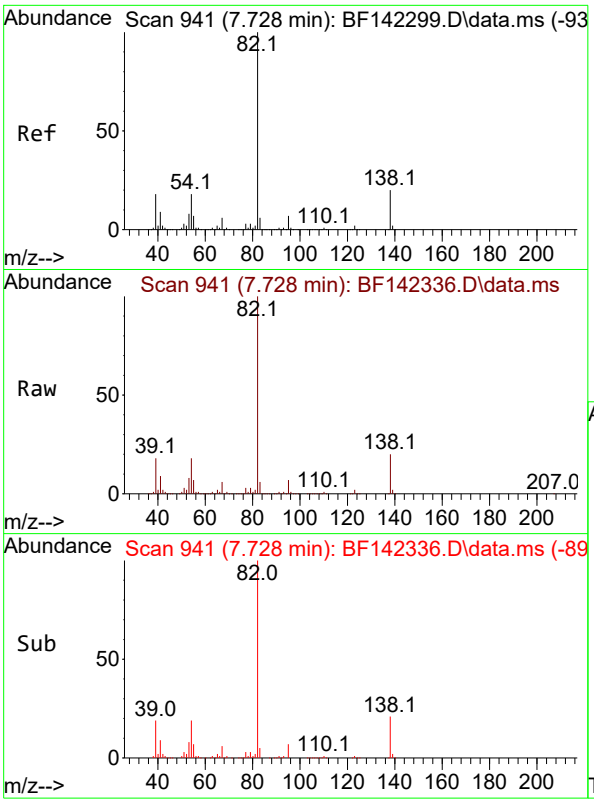


#24
Nitrobenzene
Concen: 49.663 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 77 Resp: 601351

Ion	Ratio	Lower	Upper
77	100		
123	50.3	37.8	56.8
65	13.9	11.4	17.0



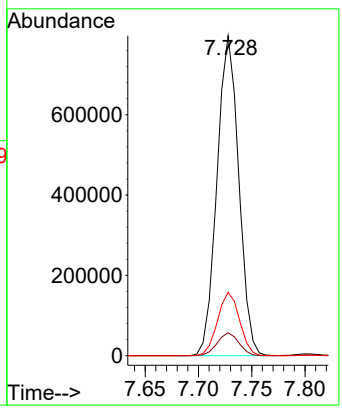


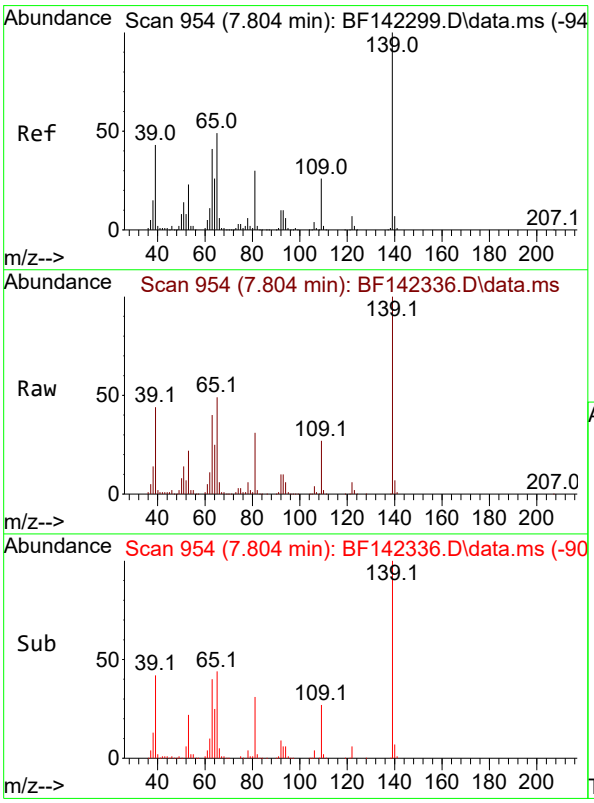
#25
Isophorone
Concen: 46.497 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1131035

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	19.8	16.1	24.1

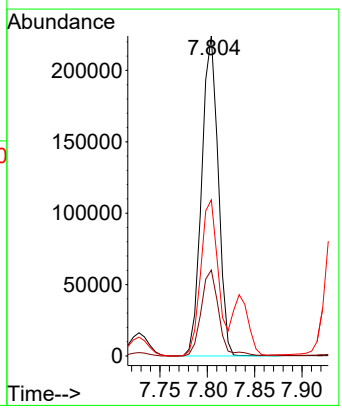


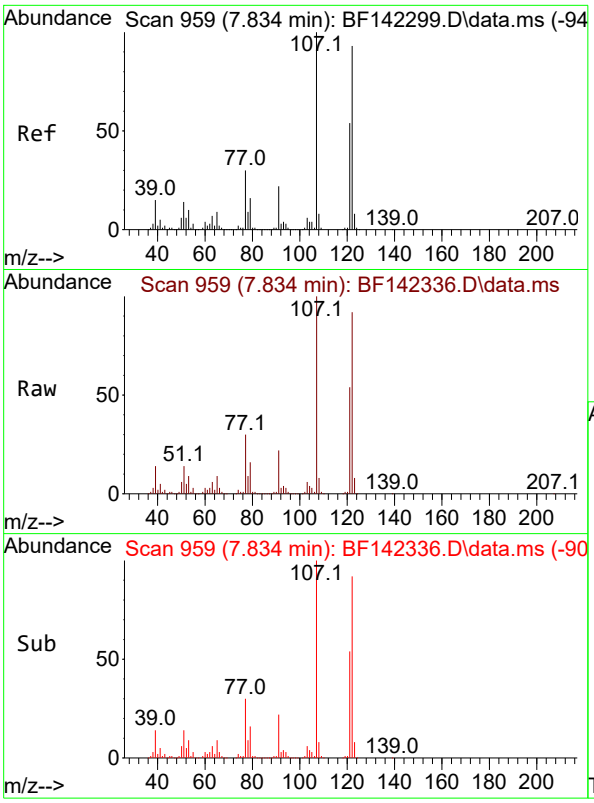


#26
2-Nitrophenol
Concen: 46.775 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:139 Resp: 272331

Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.8	31.2
65	48.8	38.9	58.3



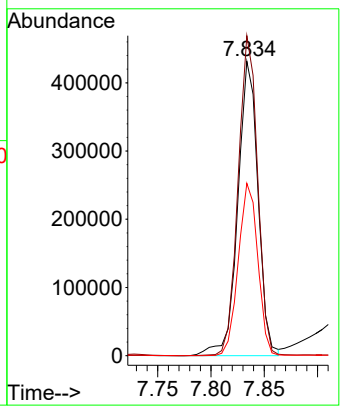


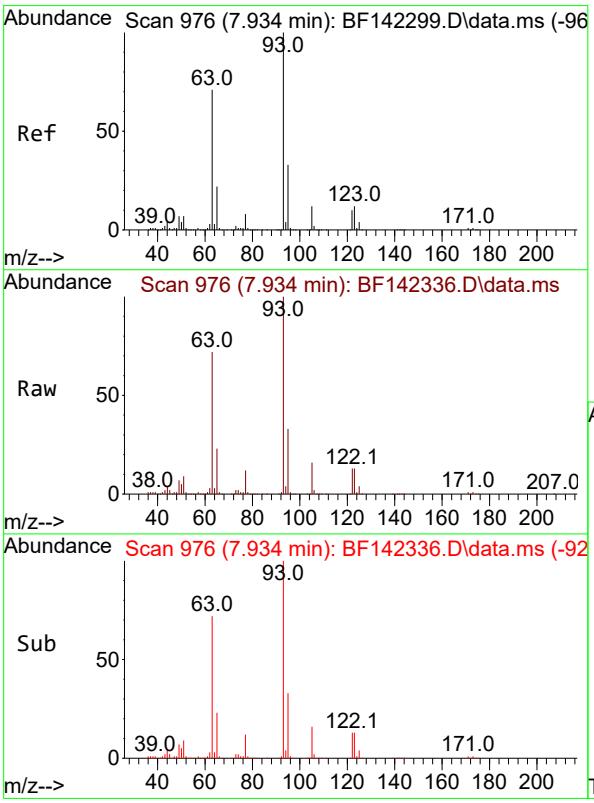
#27
2,4-Dimethylphenol
Concen: 46.791 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 572246

Ion	Ratio	Lower	Upper
122	100		
107	108.7	86.0	129.0
121	58.6	46.2	69.4

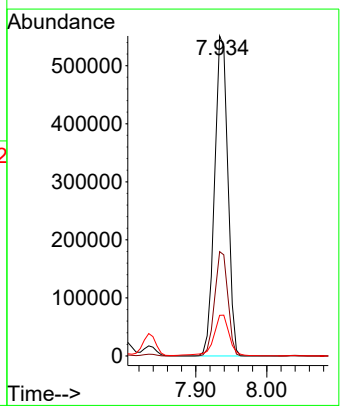


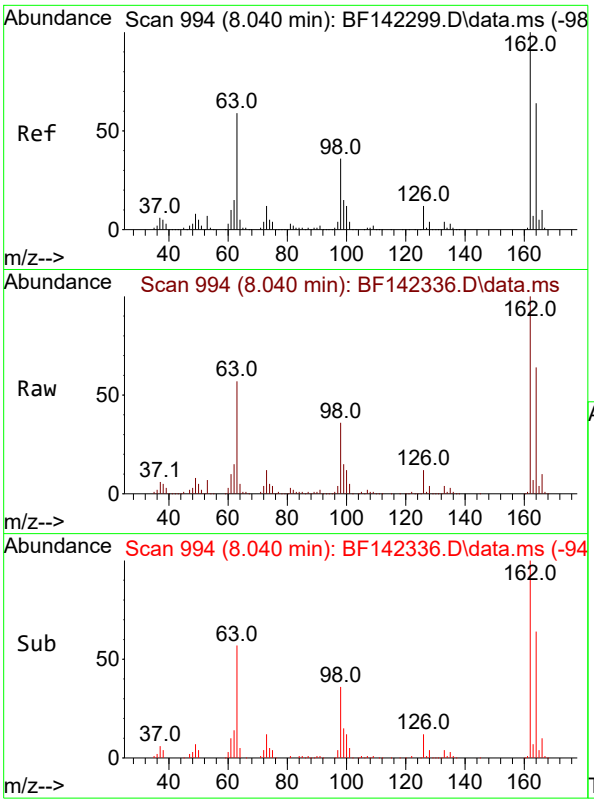


#28
bis(2-Chloroethoxy)methane
Concen: 45.508 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 93 Resp: 711812

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.7	10.2	15.4



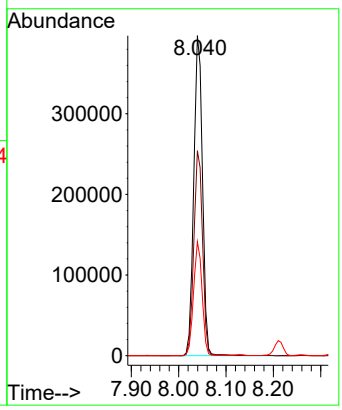


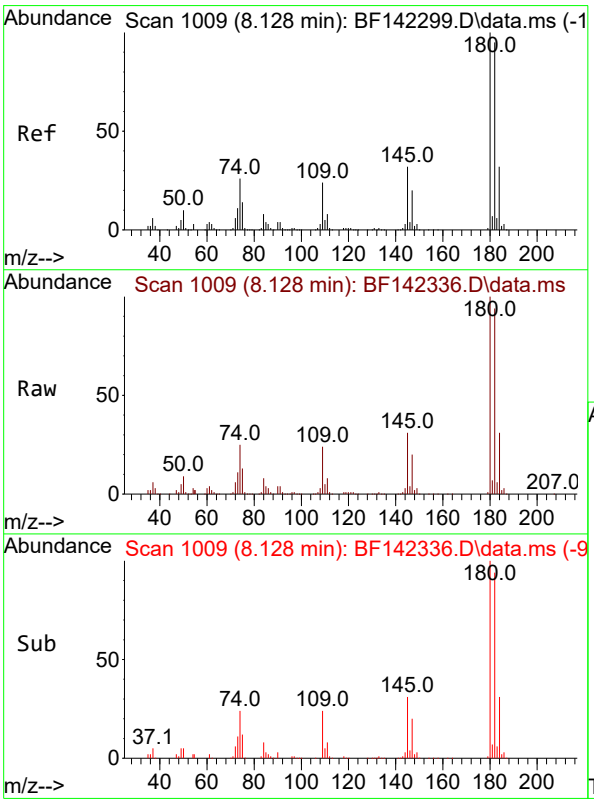
#29
2,4-Dichlorophenol
Concen: 48.778 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 507181

Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	35.6	16.5	56.5

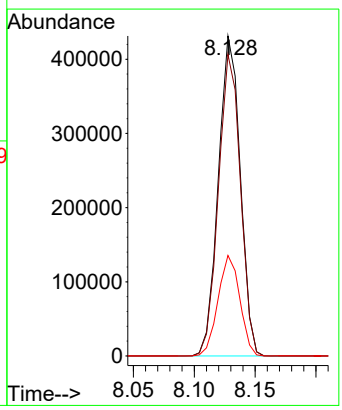


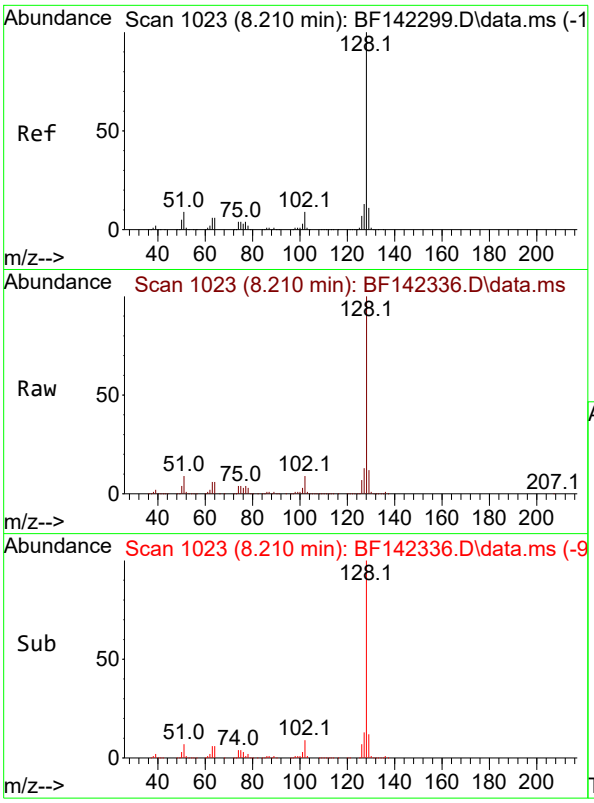


#30
1,2,4-Trichlorobenzene
Concen: 46.225 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:180 Resp: 540912

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.4
145	31.4	25.8	38.6



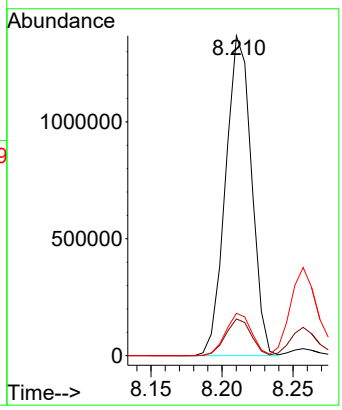


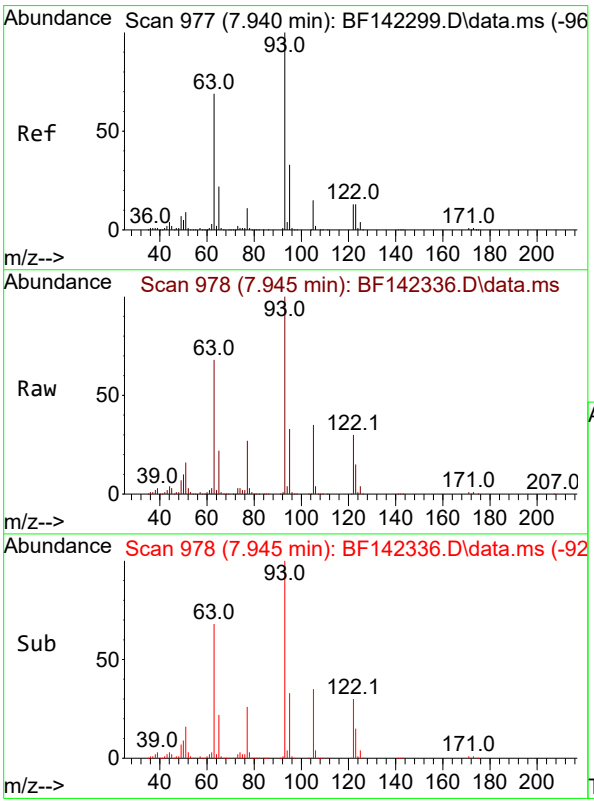
#31
Naphthalene
Concen: 45.670 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1734051

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.3	10.5	15.7

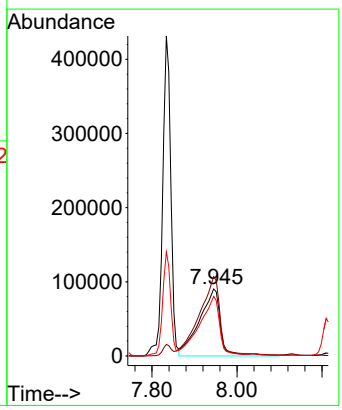


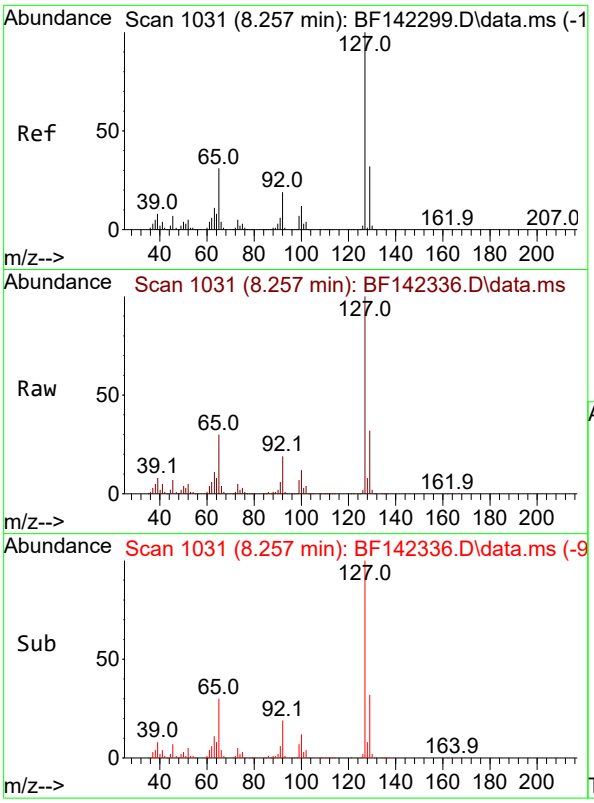


#32
Benzoic acid
Concen: 48.069 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:122 Resp: 315432

Ion	Ratio	Lower	Upper
122	100		
105	118.4	97.9	137.9
77	88.7	67.7	107.7



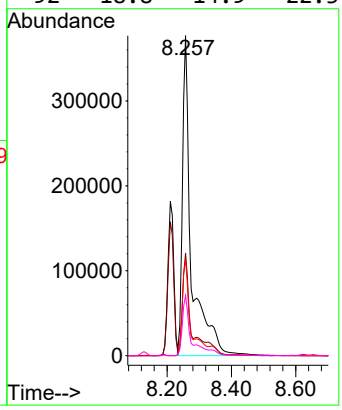


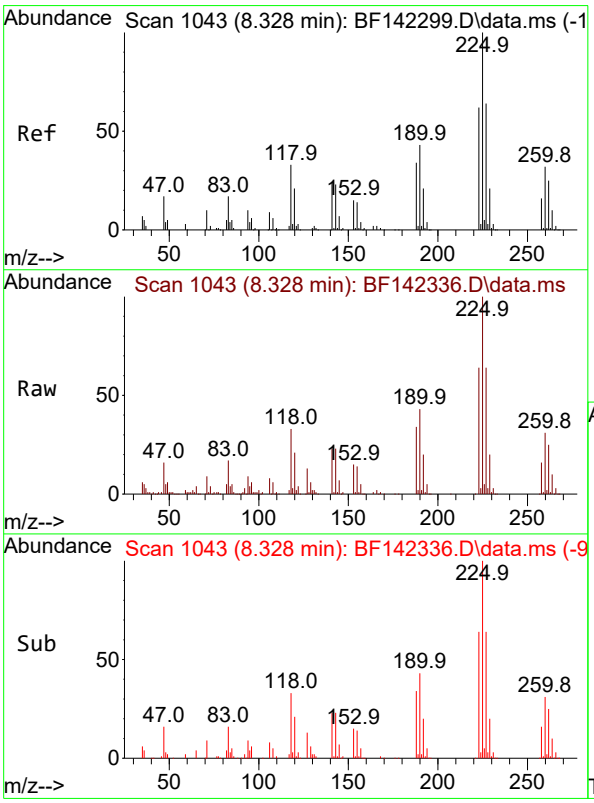
#33
4-Chloroaniline
Concen: 47.782 ng
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 740296

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.3	24.9	37.3
92	18.8	14.9	22.3

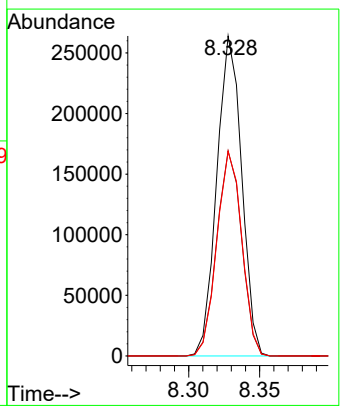


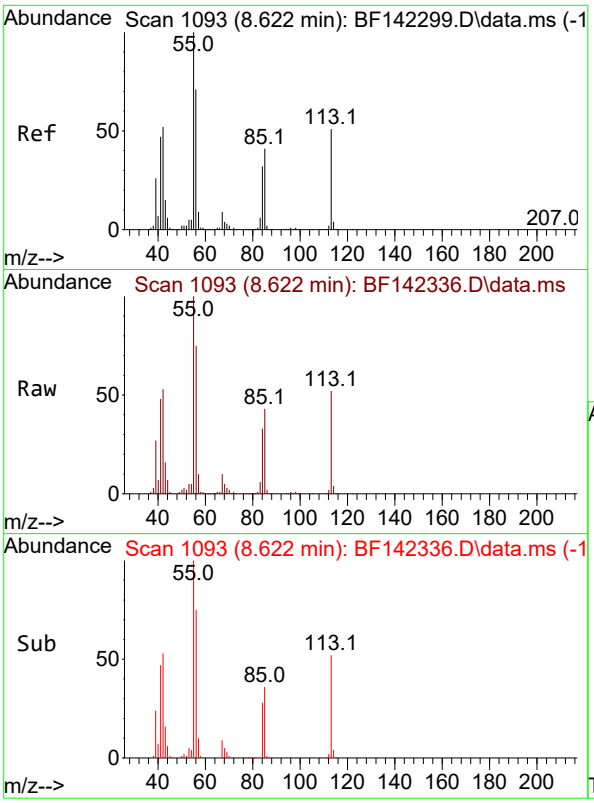


#34
Hexachlorobutadiene
Concen: 46.354 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:225 Resp: 321190

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	63.9	50.9	76.3



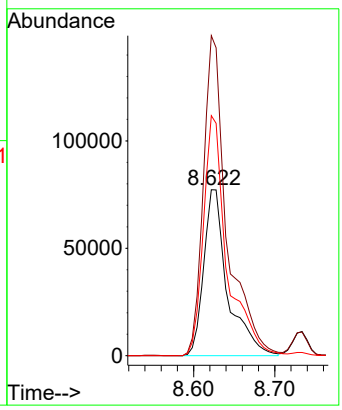


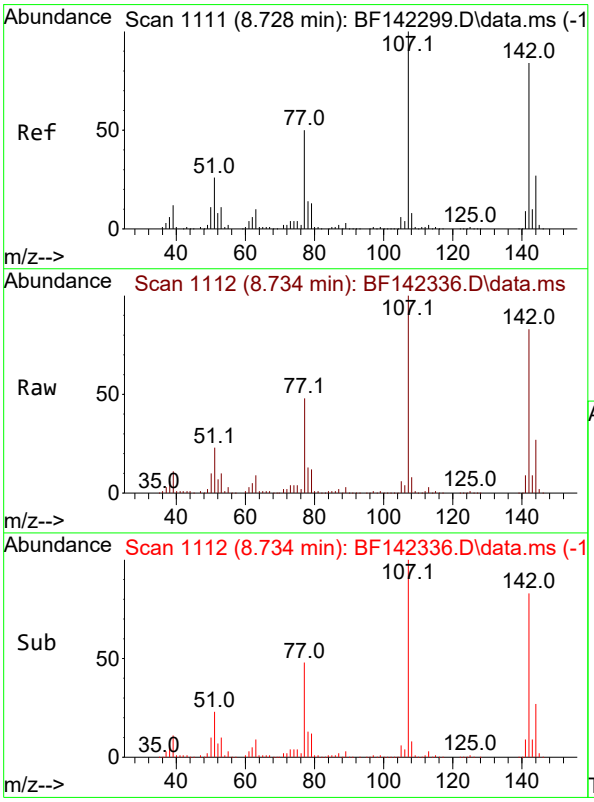
#35
Caprolactam
Concen: 52.181 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 158124

Ion	Ratio	Lower	Upper
113	100		
55	192.8	176.4	216.4
56	144.6	120.3	160.3

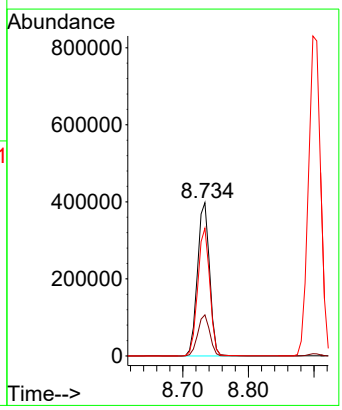


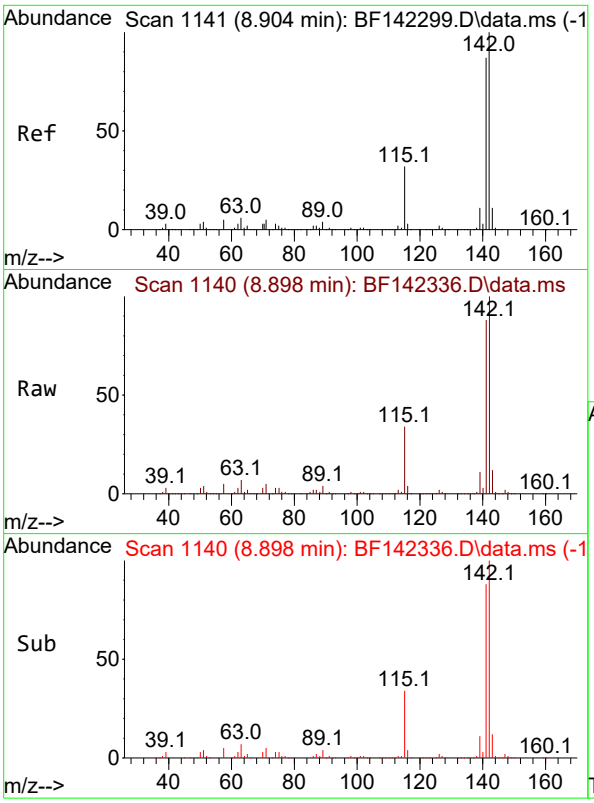


#36
4-Chloro-3-methylphenol
Concen: 47.531 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:107 Resp: 513736

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.3	31.9
142	83.3	66.9	100.3



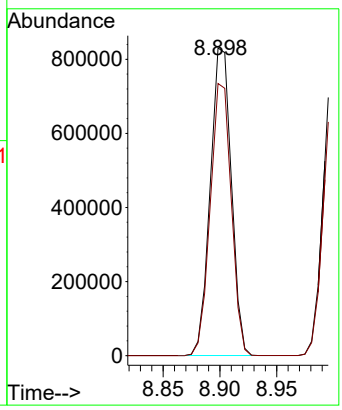


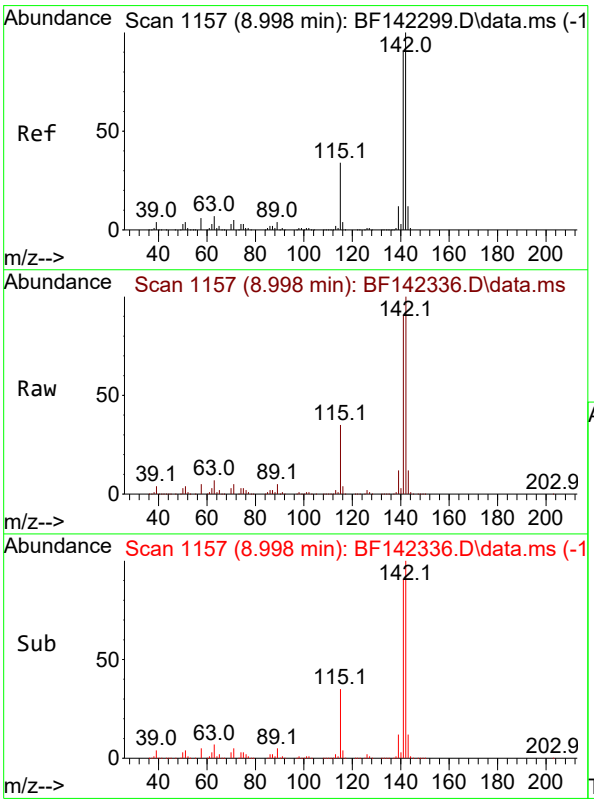
#37
2-Methylnaphthalene
Concen: 45.437 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1072003

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.4	104.2

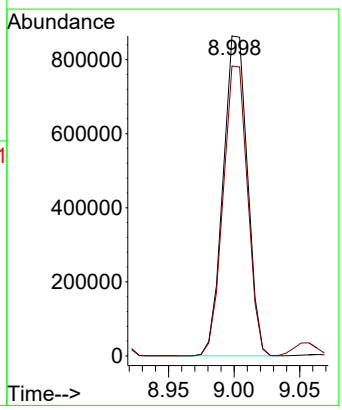


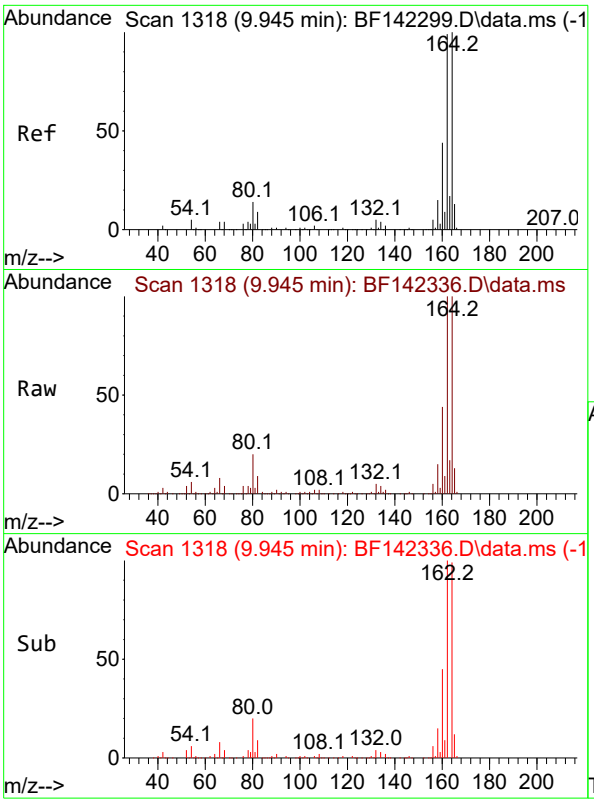


#38
1-Methylnaphthalene
Concen: 45.385 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:142 Resp: 1116031

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7



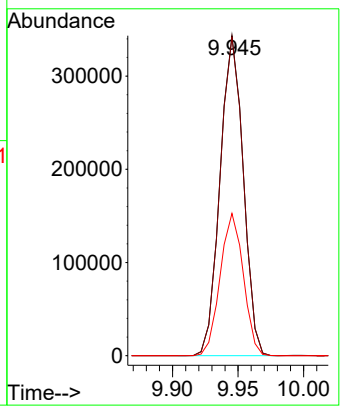


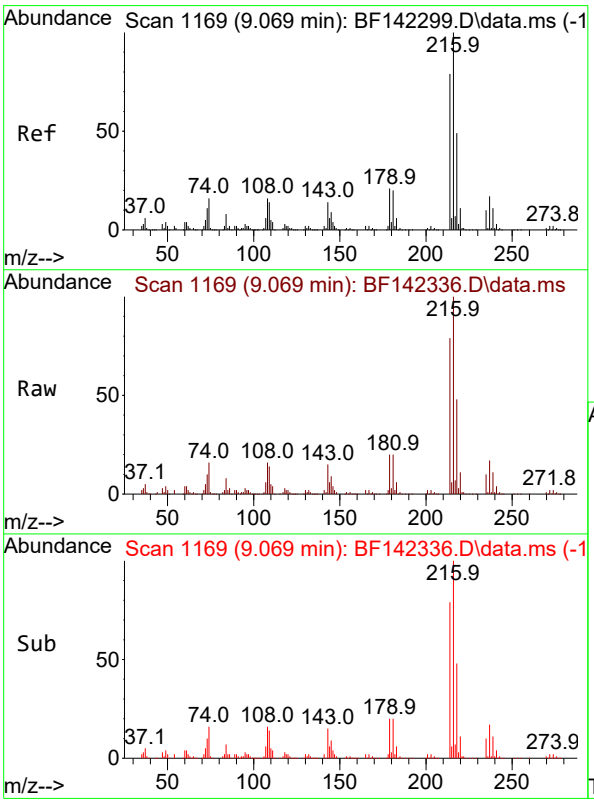
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 422251

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.2	118.8
160	44.4	35.3	52.9

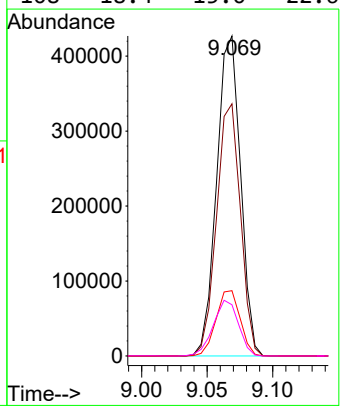


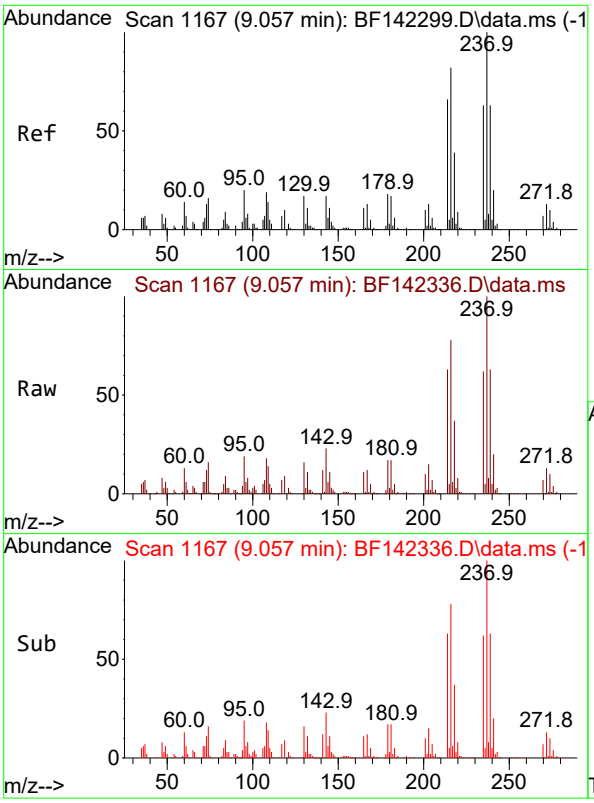


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.772 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:216 Resp: 539798

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.7	17.0	25.6
108	18.4	15.0	22.6



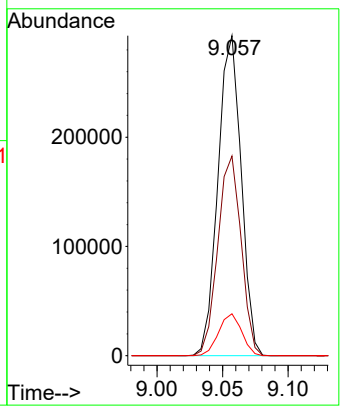


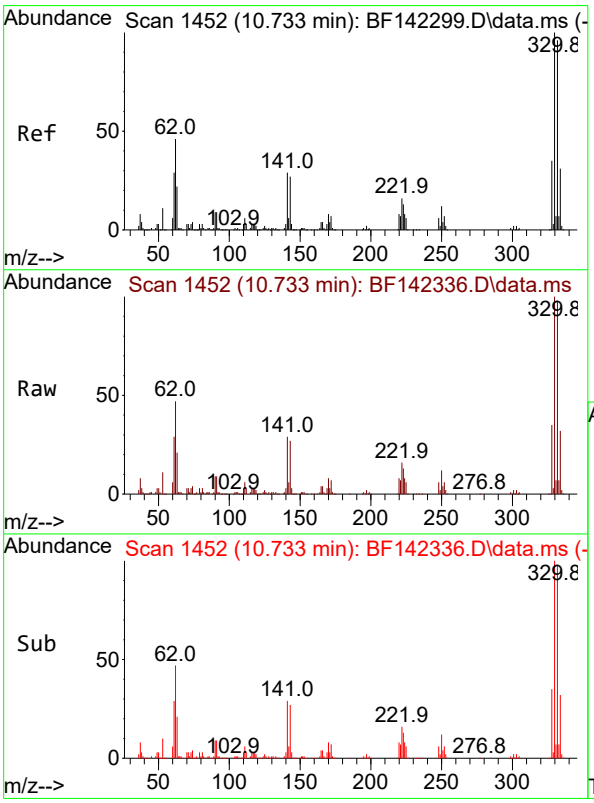
#41
Hexachlorocyclopentadiene
Concen: 49.446 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 360385

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	13.1	0.0	33.0

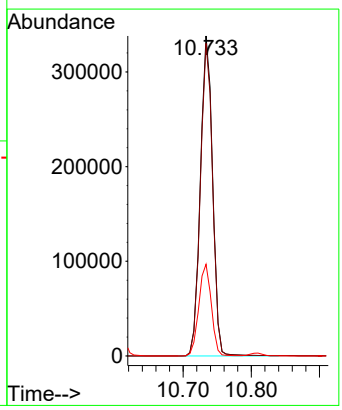


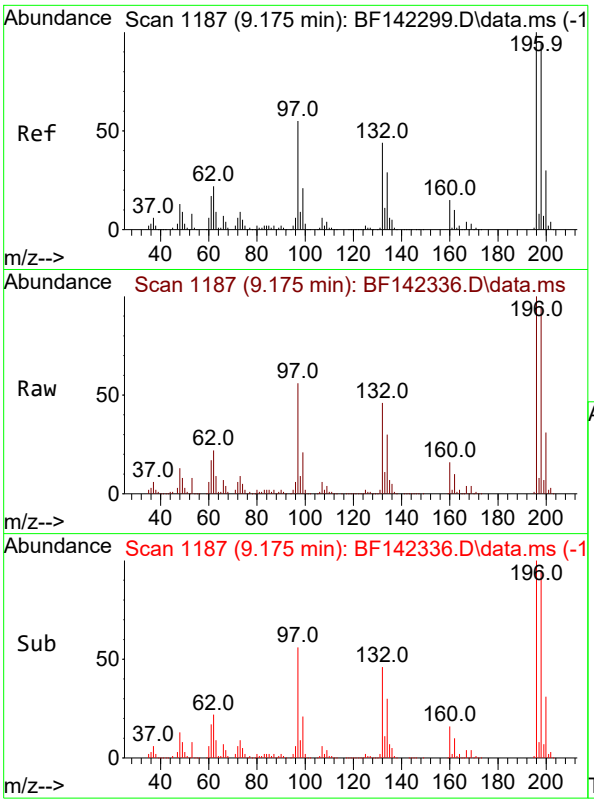


#42
2,4,6-Tribromophenol
Concen: 103.360 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:330 Resp: 421374

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	29.2	24.9	37.3



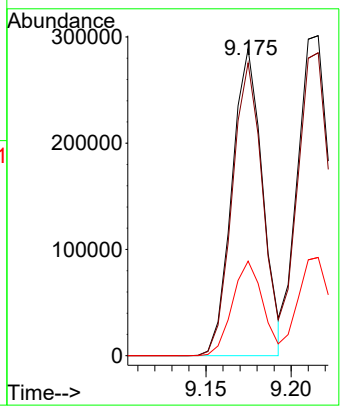


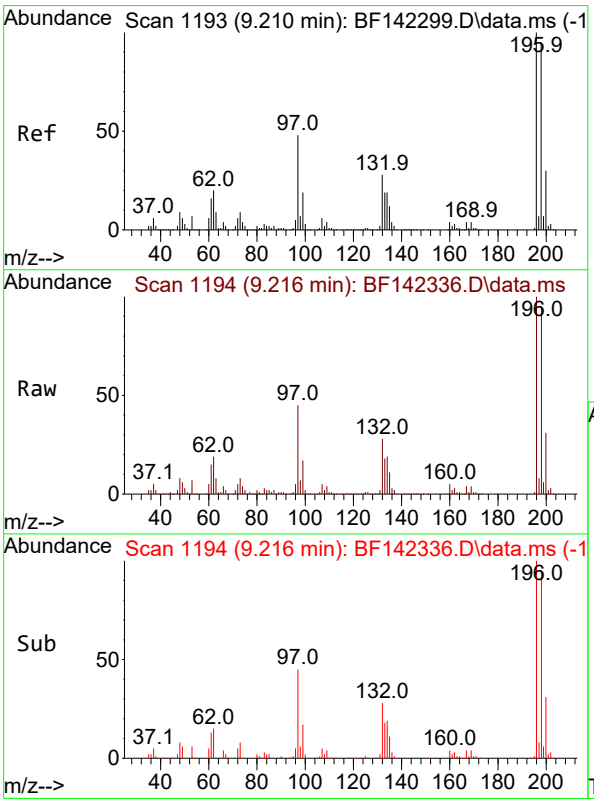
#43
2,4,6-Trichlorophenol
Concen: 48.561 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 361231

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.4	113.0
200	30.8	24.3	36.5

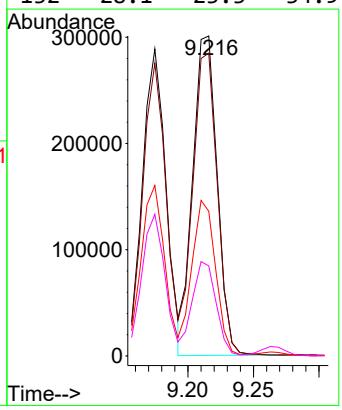


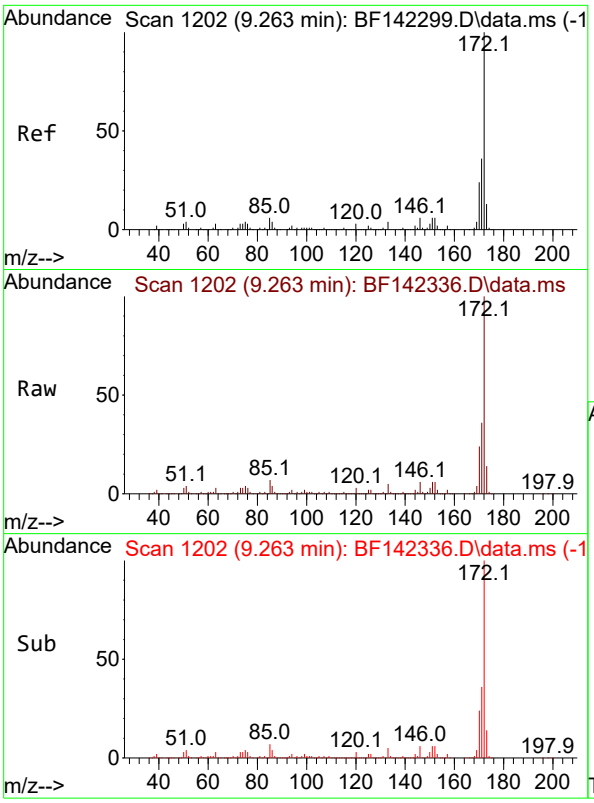


#44
2,4,5-Trichlorophenol
Concen: 49.355 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:196 Resp: 390633

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.1	114.1
97	45.3	39.0	58.4
132	28.1	23.3	34.9



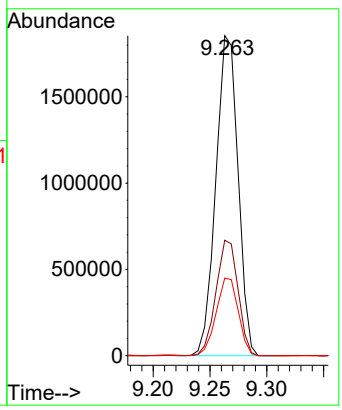


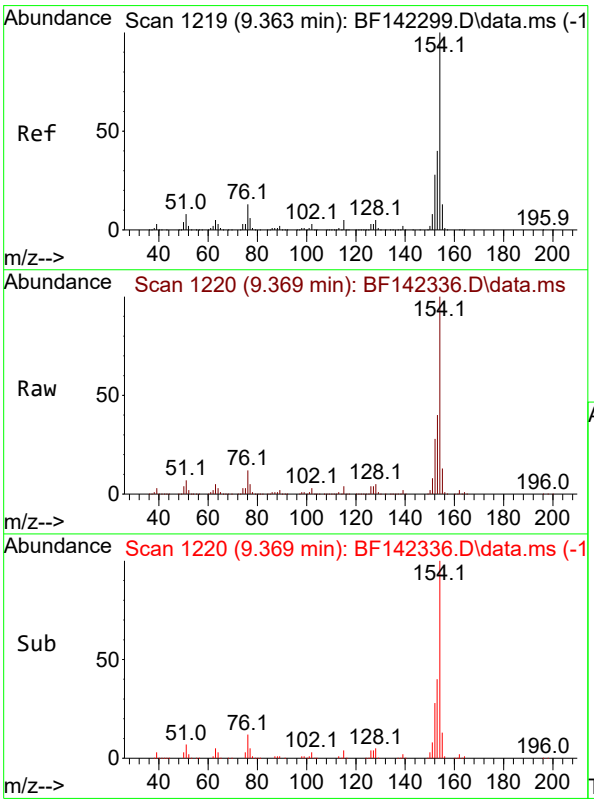
#45
2-Fluorobiphenyl
Concen: 85.160 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2521890

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.2	19.0	28.4

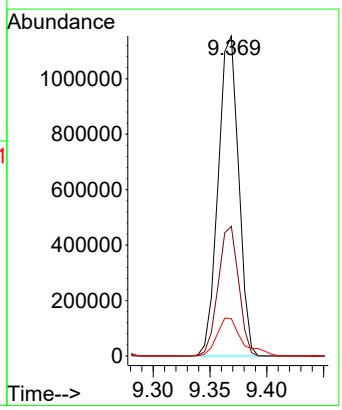


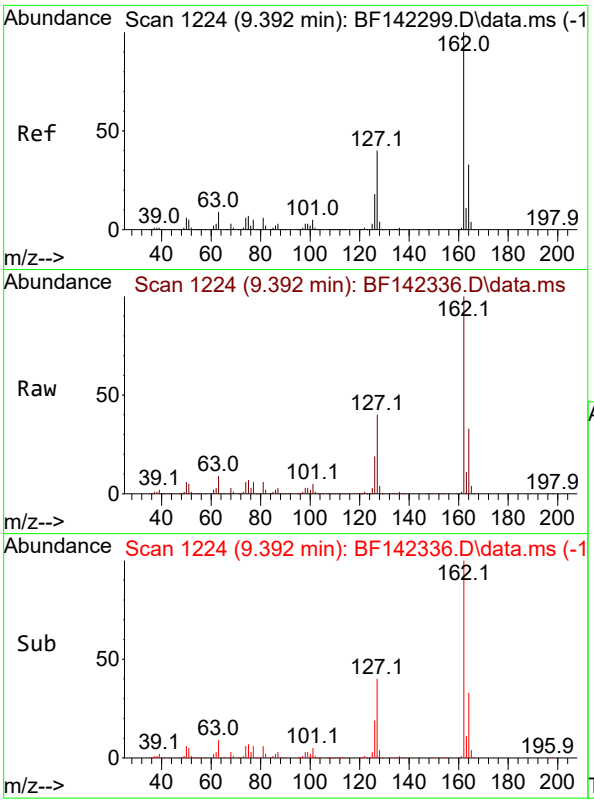


#46
1,1'-Biphenyl
Concen: 44.761 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:154 Resp: 1449158

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	11.7	0.0	32.8



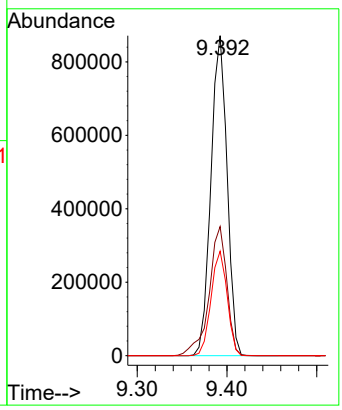


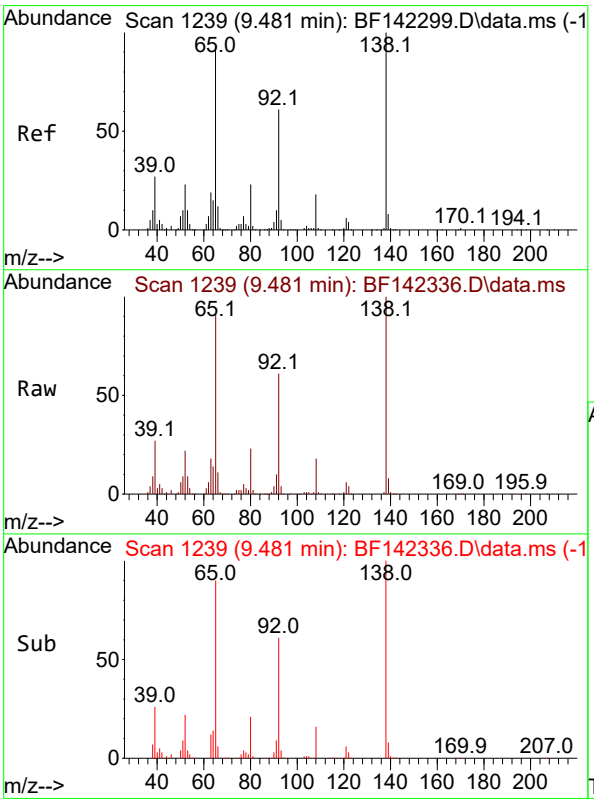
#47
2-Chloronaphthalene
Concen: 45.218 ng
RT: 9.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1088716

Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	32.6	26.6	40.0

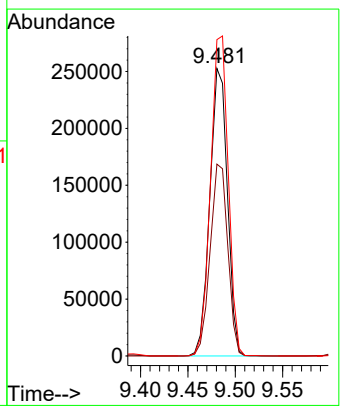


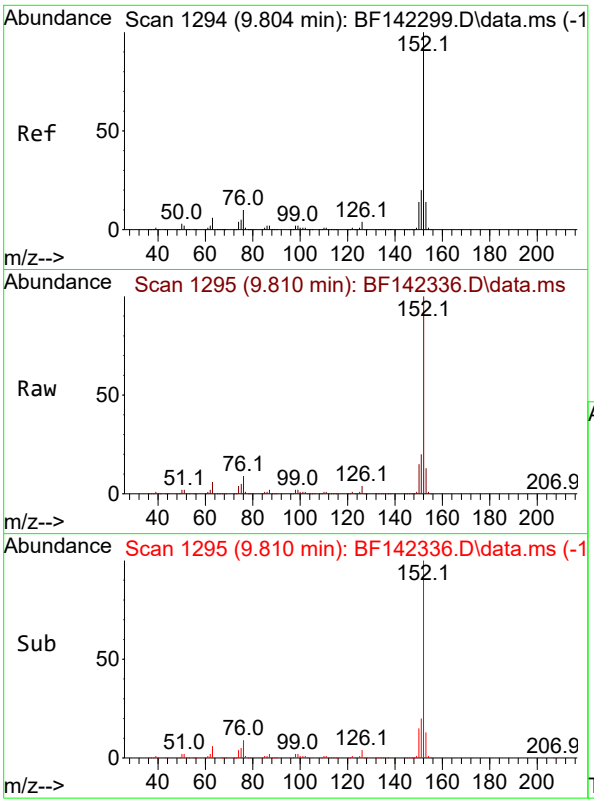


#48
2-Nitroaniline
Concen: 52.939 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion: 65 Resp: 326709

Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.3	78.5
138	110.0	85.6	128.4



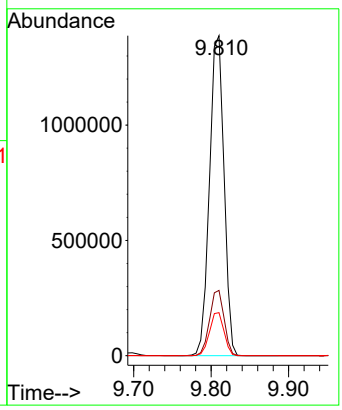


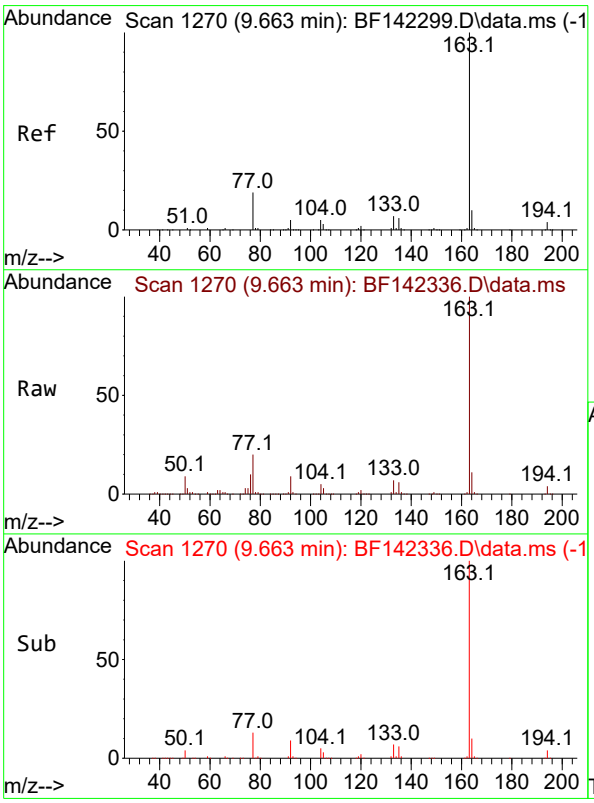
#49
Acenaphthylene
Concen: 44.961 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1810909

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.5	10.8	16.2

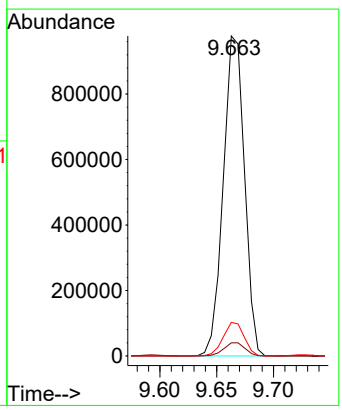


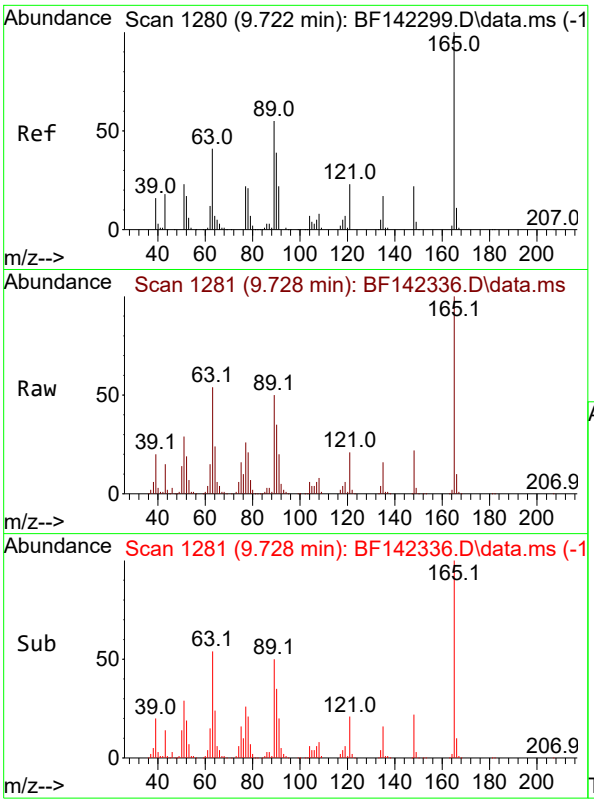


#50
Dimethylphthalate
Concen: 46.938 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:163 Resp: 1272686

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.5	8.3	12.5



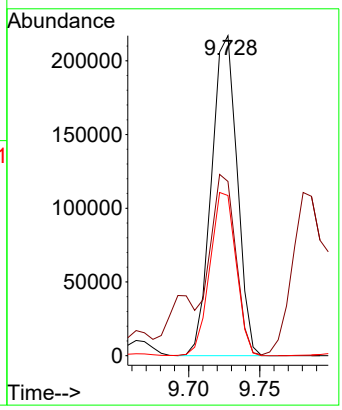


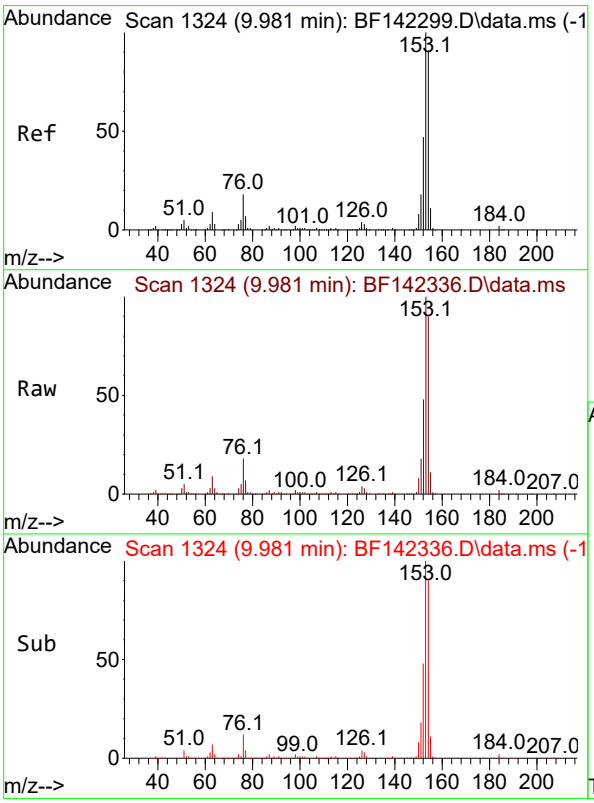
#51
2,6-Dinitrotoluene
Concen: 53.901 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 273559

Ion	Ratio	Lower	Upper
165	100		
63	54.5	49.5	74.3
89	50.1	44.6	66.8

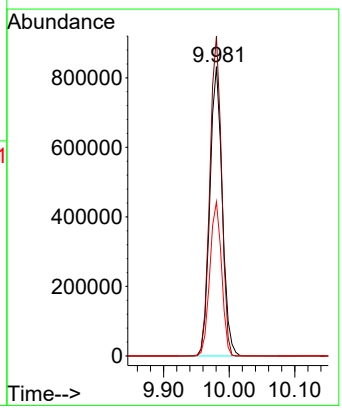


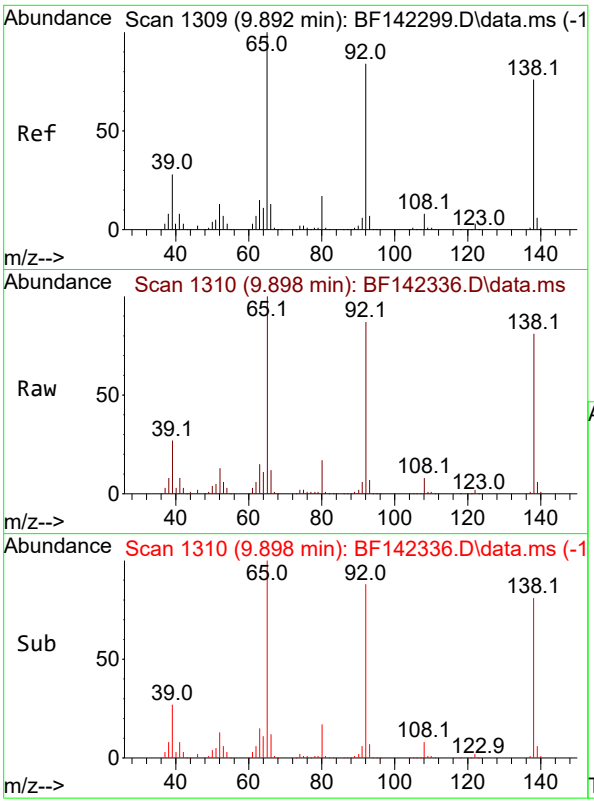


#52
Acenaphthene
Concen: 45.032 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:154 Resp: 1090605

Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.0	132.0
152	53.3	41.6	62.4



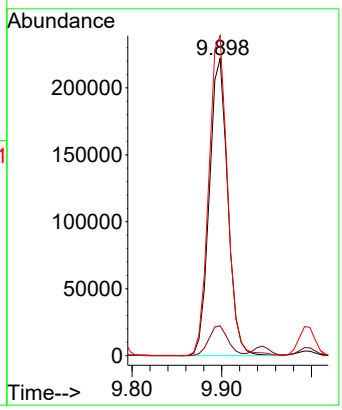


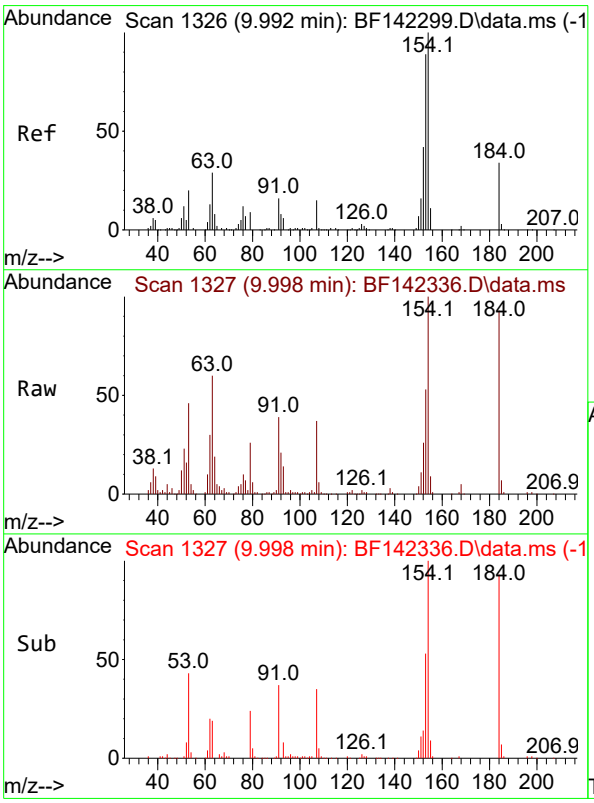
#53
3-Nitroaniline
Concen: 53.247 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 316945

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	107.7	89.5	134.3

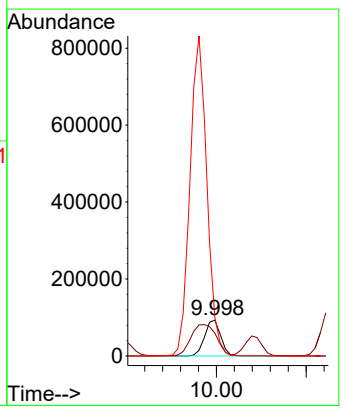


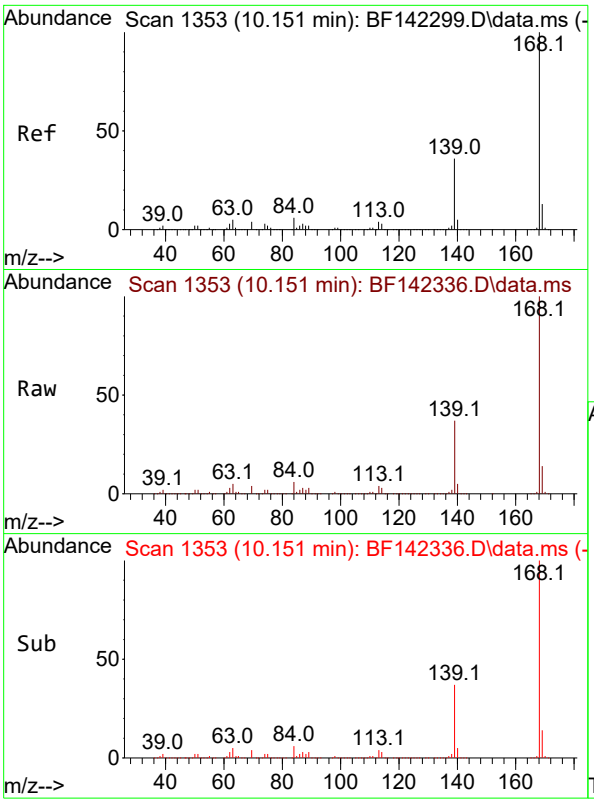


#54
2,4-Dinitrophenol
Concen: 46.934 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:184 Resp: 115320

Ion	Ratio	Lower	Upper
184	100		
63	64.1	70.6	105.8#
154	107.7	257.2	385.8#



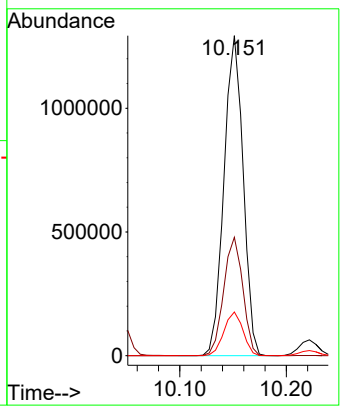


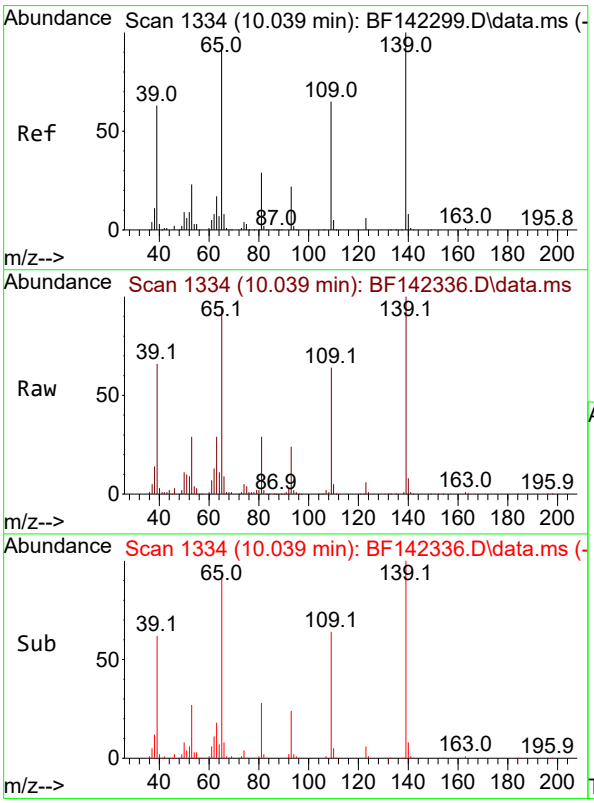
#55
Dibenzofuran
Concen: 45.062 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1610610

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	13.7	10.7	16.1

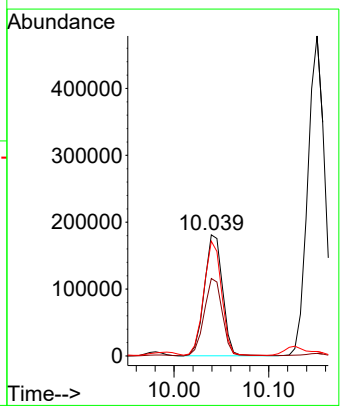


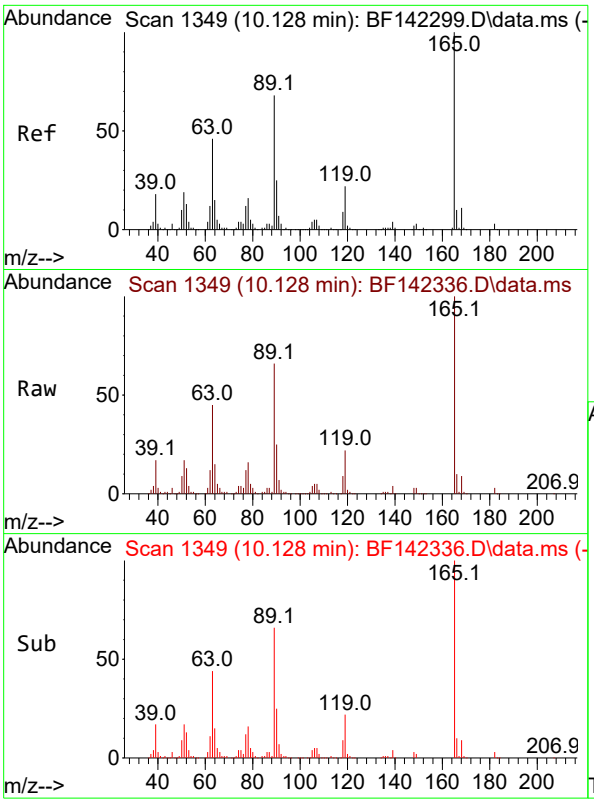


#56
4-Nitrophenol
Concen: 53.854 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:139 Resp: 241256

Ion	Ratio	Lower	Upper
139	100		
109	63.9	45.3	85.3
65	94.7	73.9	113.9



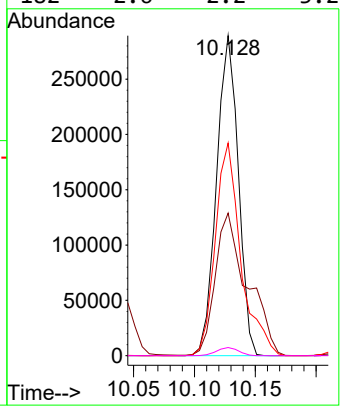


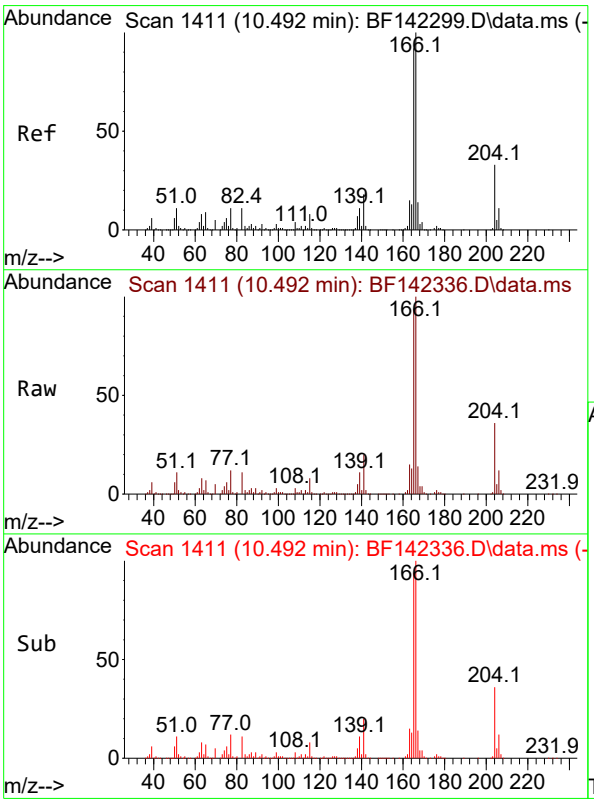
#57
2,4-Dinitrotoluene
Concen: 55.391 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 360605

Ion	Ratio	Lower	Upper
165	100		
63	44.5	37.1	55.7
89	66.4	54.4	81.6
182	2.6	2.2	3.2

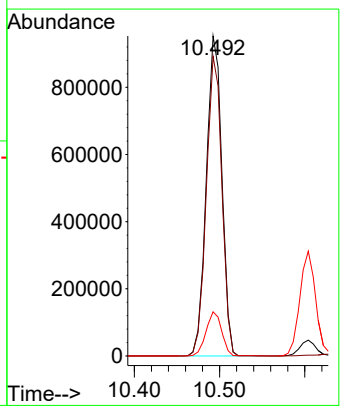


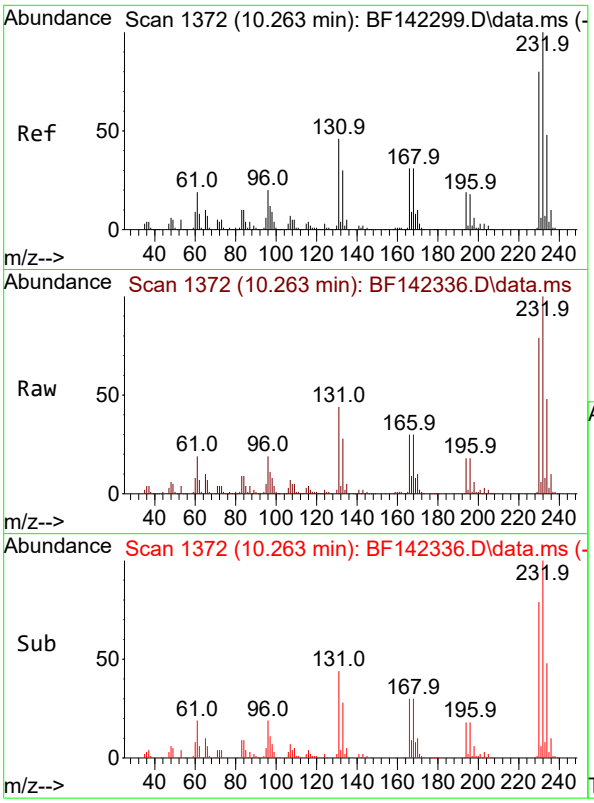


#58
Fluorene
Concen: 44.385 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:166 Resp: 1210666

Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.0	111.0
167	13.8	10.9	16.3



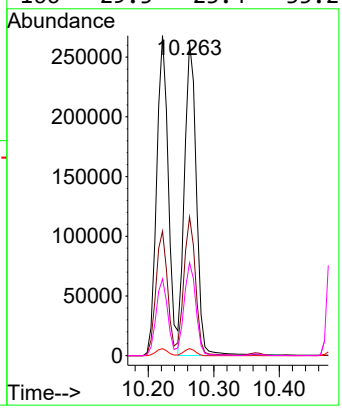


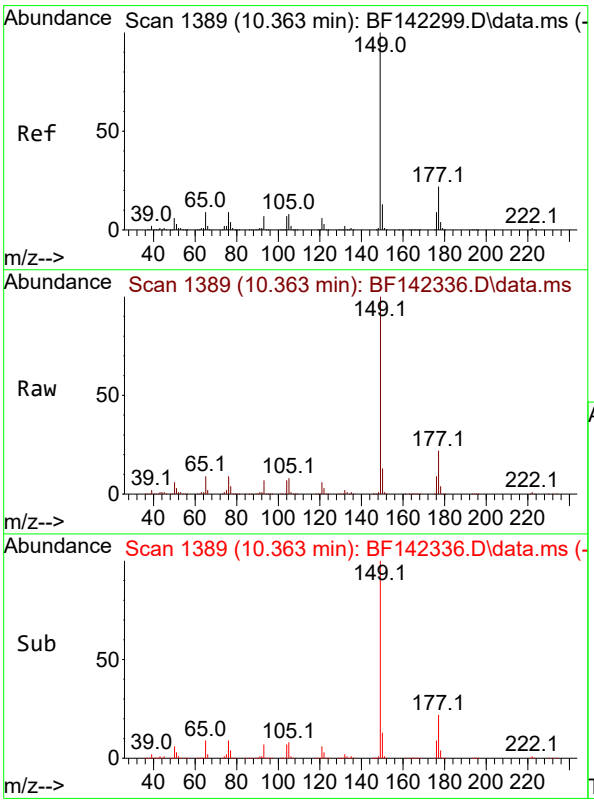
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.003 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 326712

Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.0	54.0
130	2.2	1.8	2.6
166	29.5	23.4	35.2

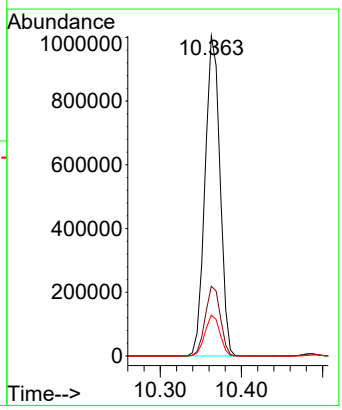


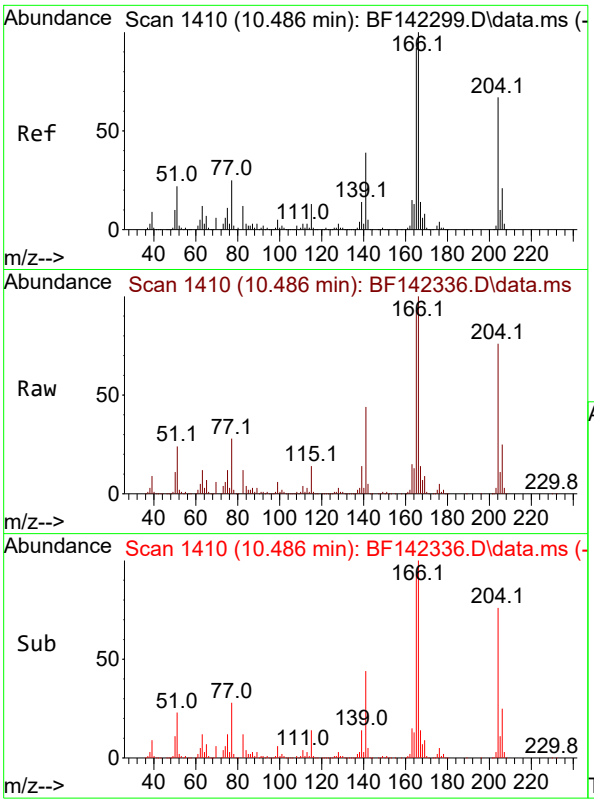


#60
Diethylphthalate
Concen: 47.371 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 1282684

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.8	10.1	15.1



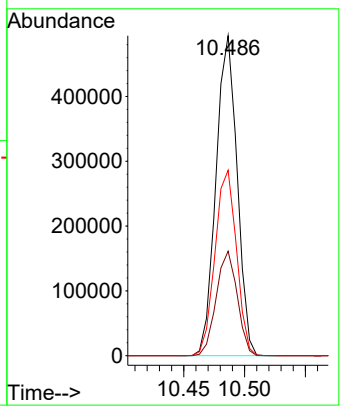


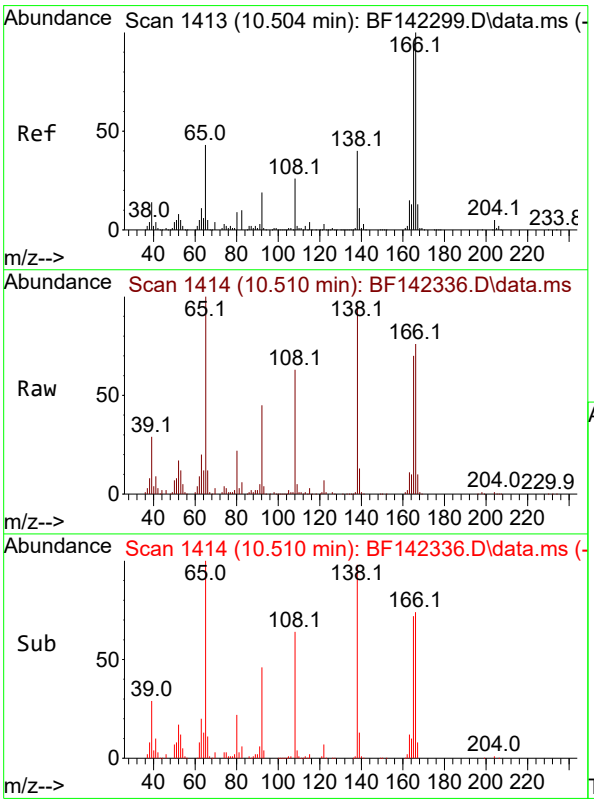
#61
4-Chlorophenyl-phenylether
Concen: 45.391 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 597338

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	58.0	46.4	69.6

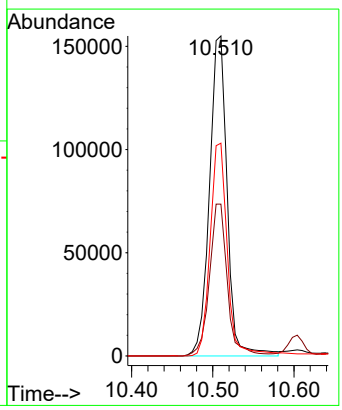


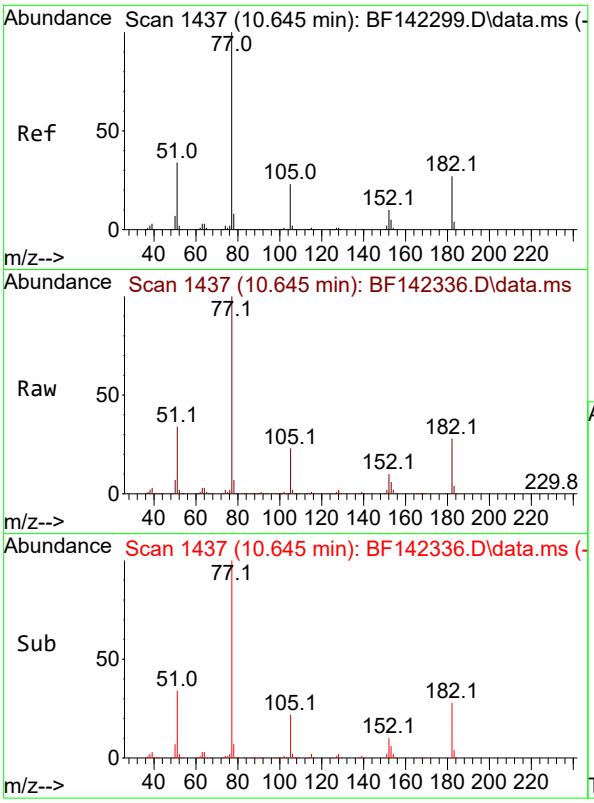


#62
4-Nitroaniline
Concen: 49.726 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:138 Resp: 234587

Ion	Ratio	Lower	Upper
138	100		
92	47.4	27.3	67.3
108	66.5	45.1	85.1



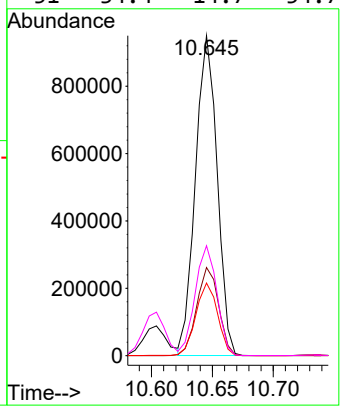


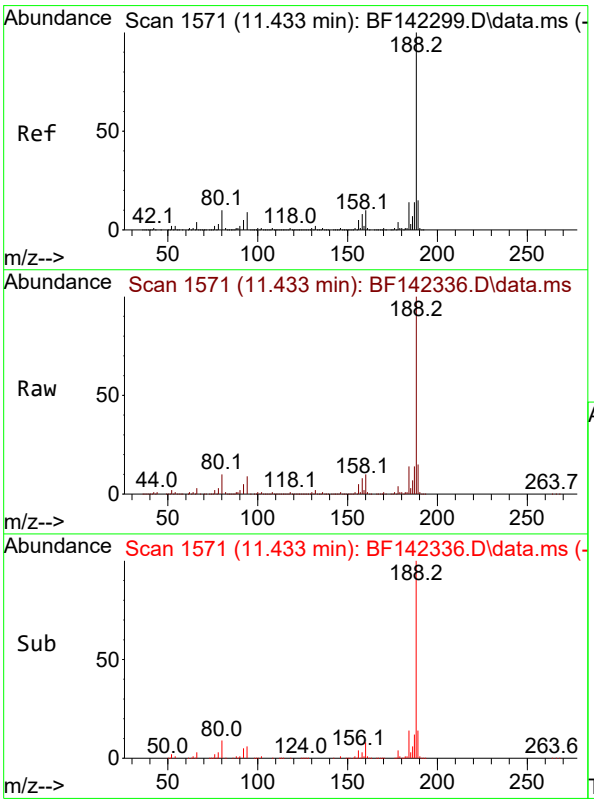
#63
Azobenzene
Concen: 45.494 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1177154

Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.9	46.9
105	22.7	2.7	42.7
51	34.4	14.7	54.7

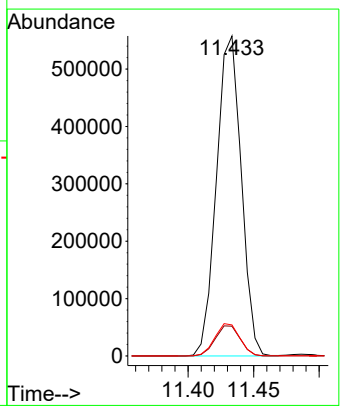


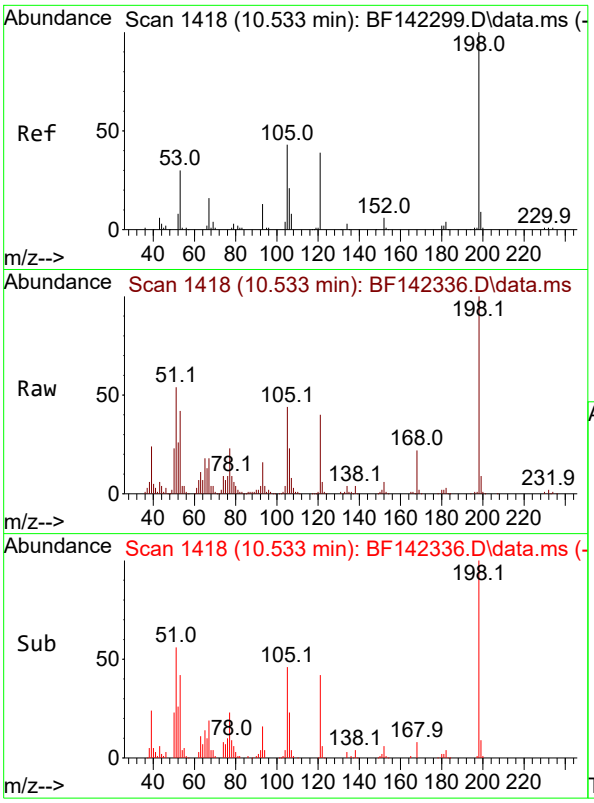


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:188 Resp: 732764

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.7	7.9	11.9



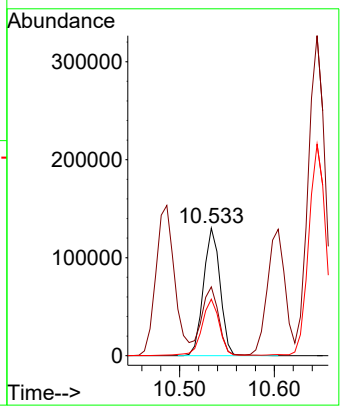


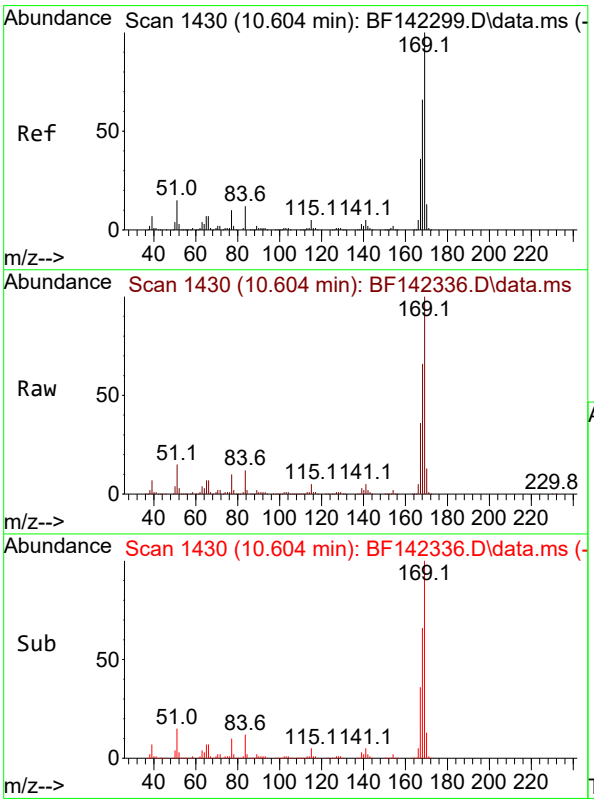
#65
4,6-Dinitro-2-methylphenol
Concen: 46.453 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 157743

Ion	Ratio	Lower	Upper
198	100		
51	54.0	32.9	72.9
105	44.4	23.7	63.7

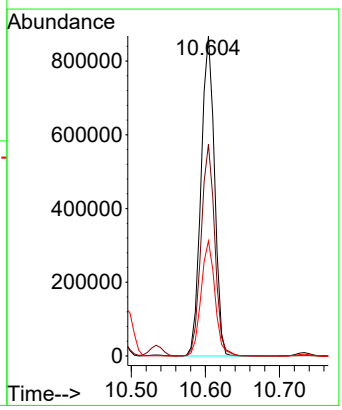


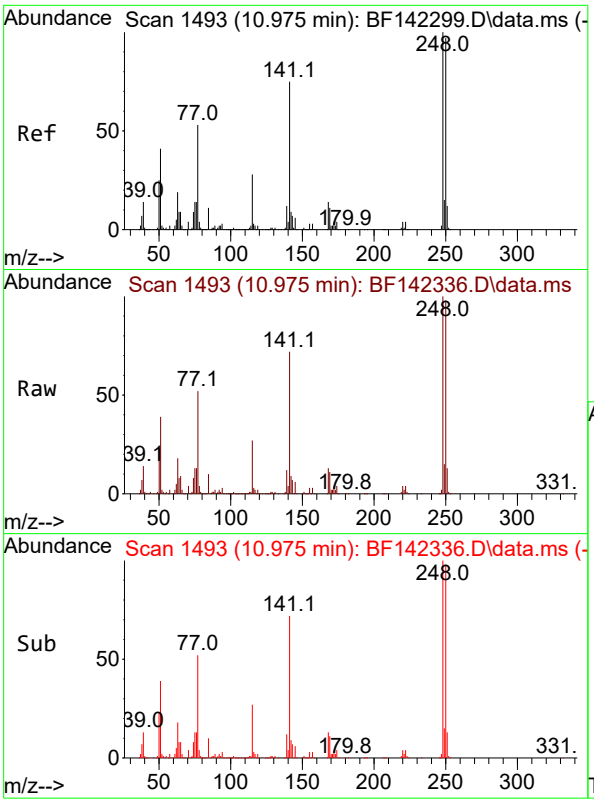


#66
n-Nitrosodiphenylamine
Concen: 44.941 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:169 Resp: 1095830

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	36.0	28.9	43.3



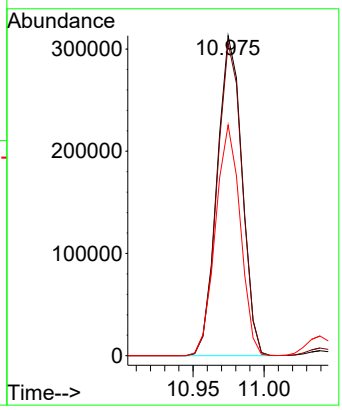


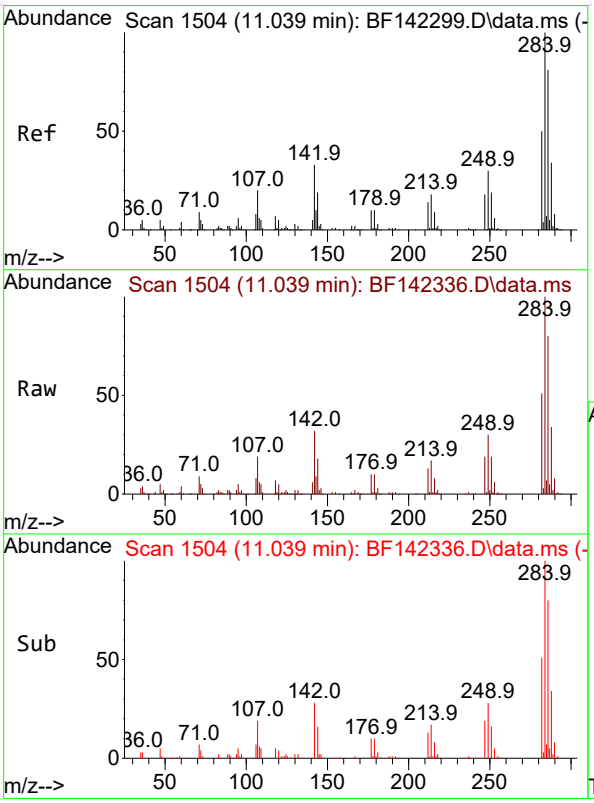
#67
4-Bromophenyl-phenylether
Concen: 46.223 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 383867

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.9	116.9
141	72.1	59.8	89.8

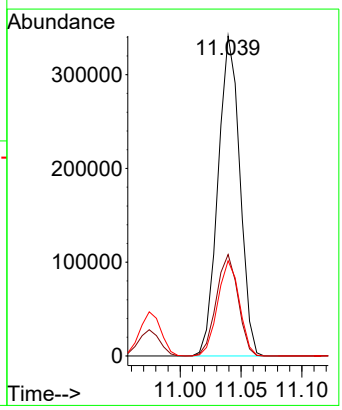


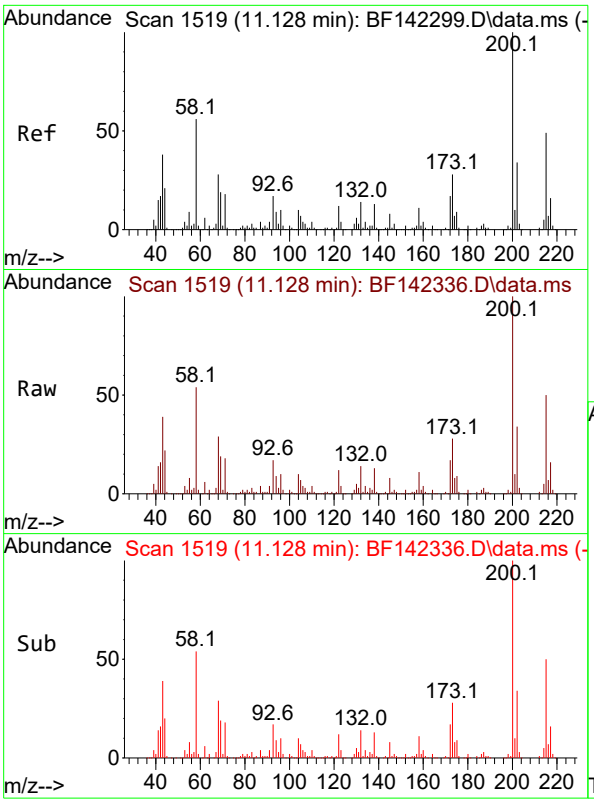


#68
Hexachlorobenzene
Concen: 46.545 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:284 Resp: 425189

Ion	Ratio	Lower	Upper
284	100		
142	31.7	26.6	39.8
249	29.7	24.1	36.1



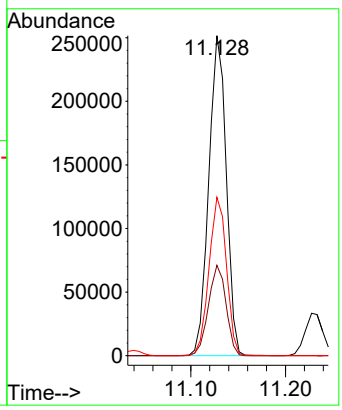


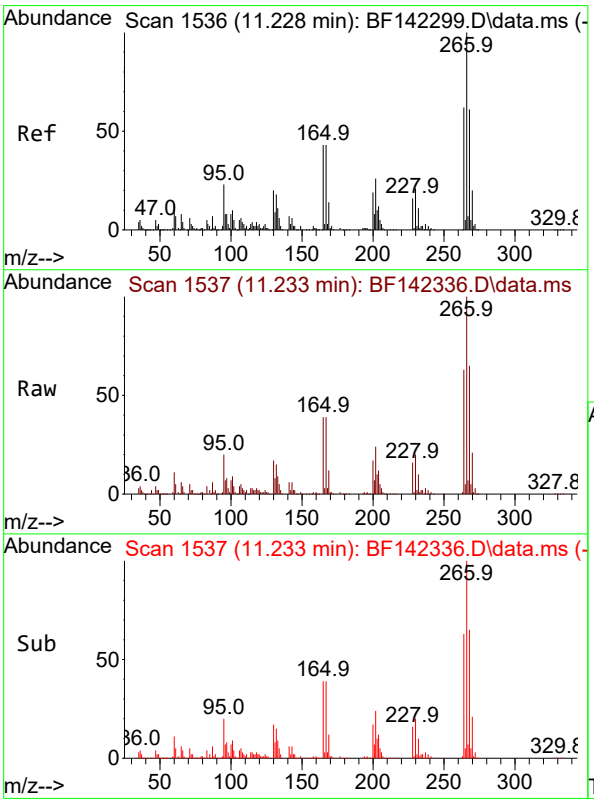
#69
Atrazine
Concen: 50.272 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 323129

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	49.5	28.8	68.8

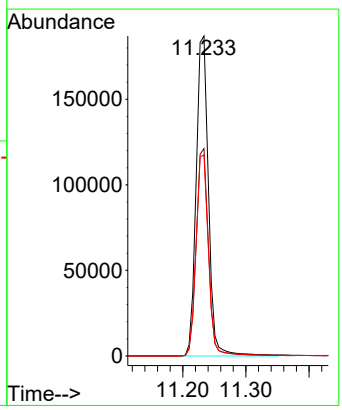


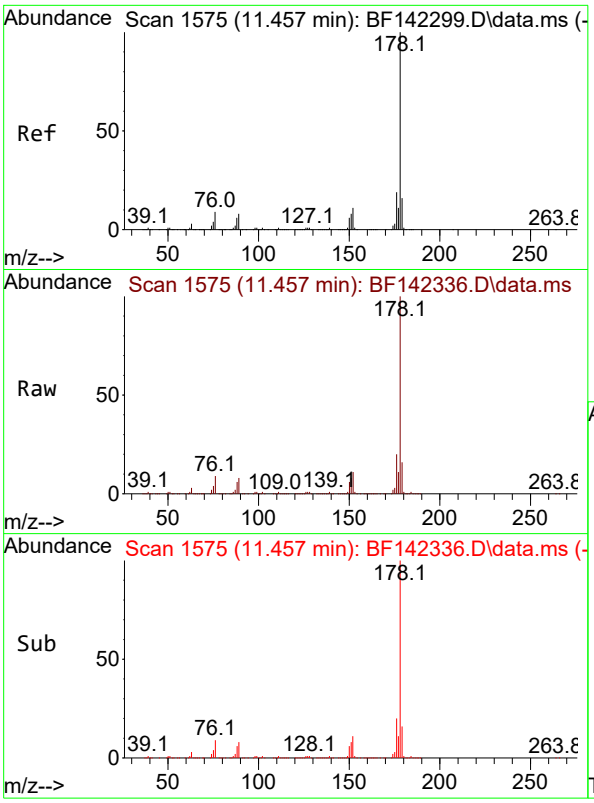


#70
Pentachlorophenol
Concen: 52.747 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:266 Resp: 253484

Ion	Ratio	Lower	Upper
266	100		
268	64.8	48.7	73.1
264	62.8	49.8	74.6



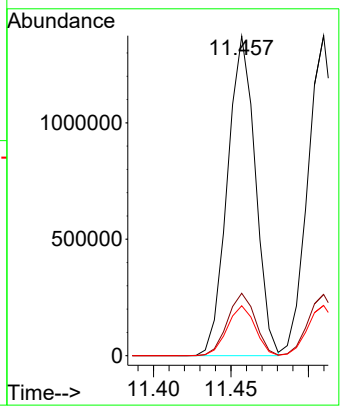


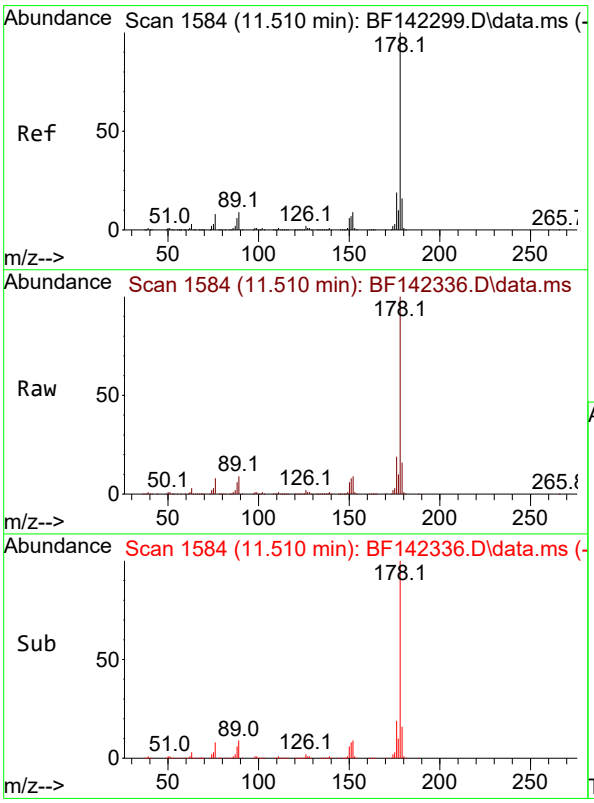
#71
Phenanthrene
Concen: 44.686 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1716372

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8

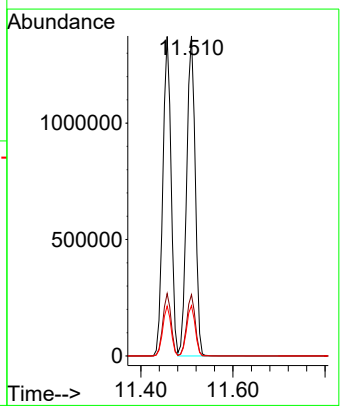


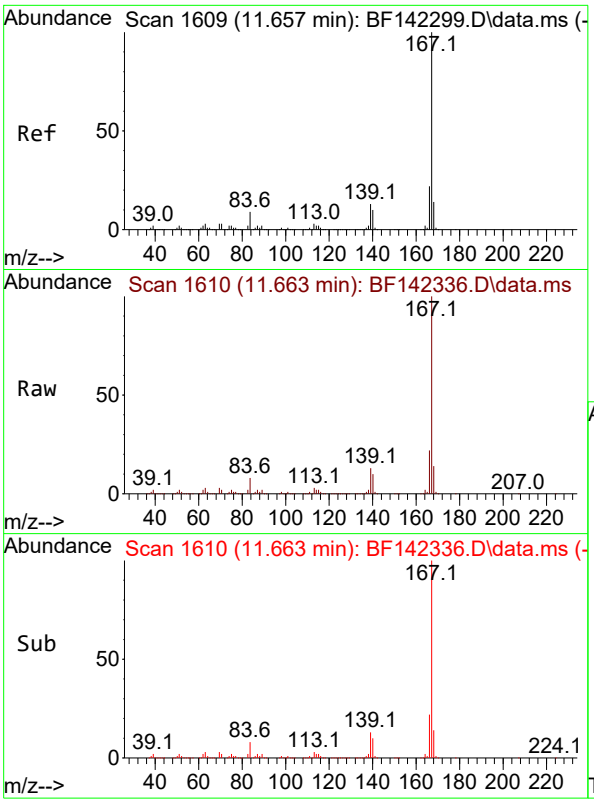


#72
Anthracene
Concen: 44.746 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:178 Resp: 1765937

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.6	18.8



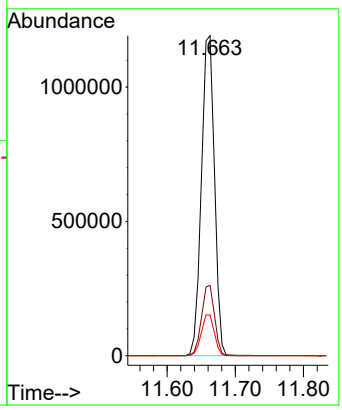


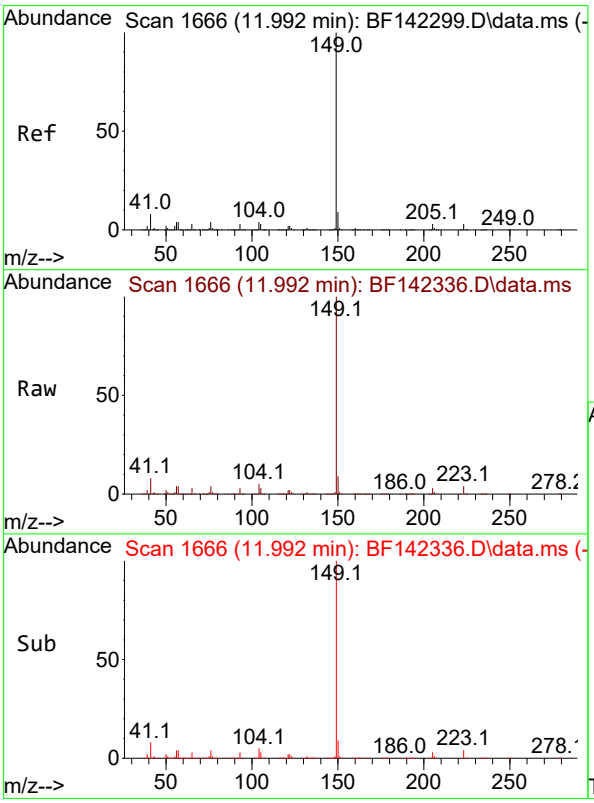
#73
Carbazole
Concen: 44.931 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1590890

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	12.7	10.3	15.5

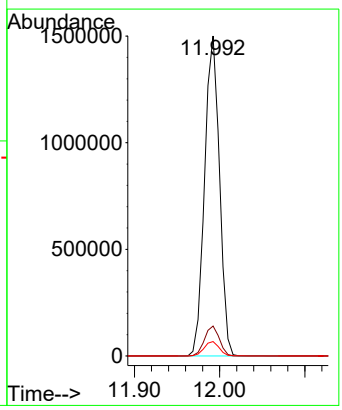


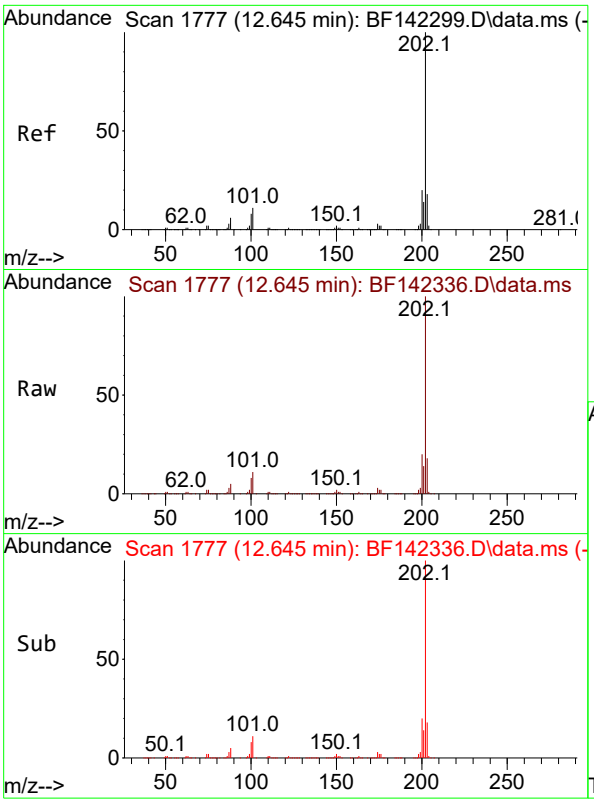


#74
Di-n-butylphthalate
Concen: 48.890 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 1820284

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4



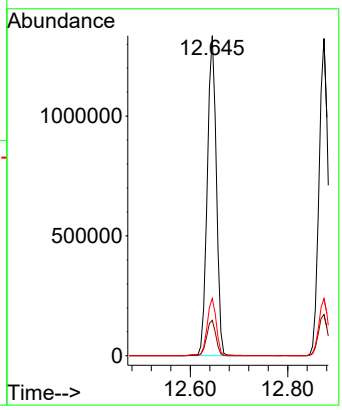


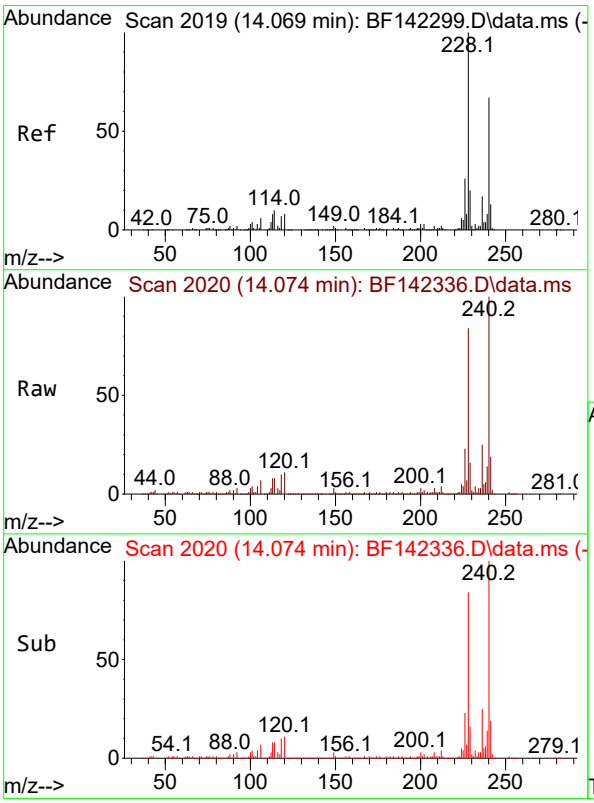
#75
Fluoranthene
Concen: 44.671 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1715140

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	17.9	0.0	37.9

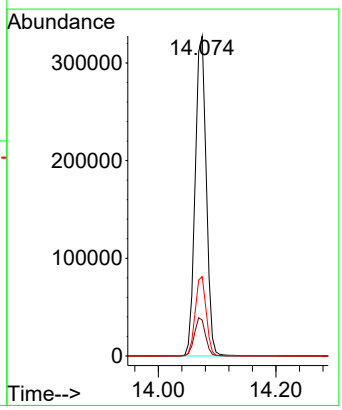


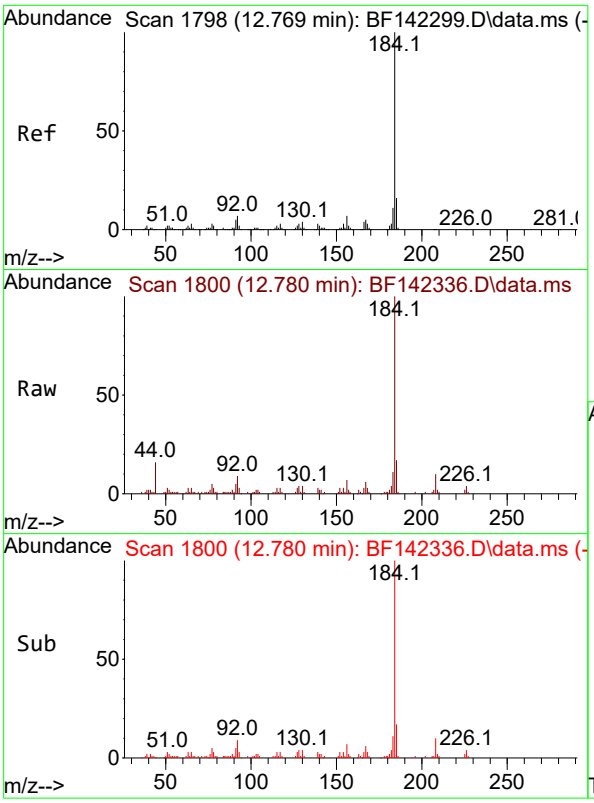


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:240 Resp: 429049

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	24.8	20.0	30.0



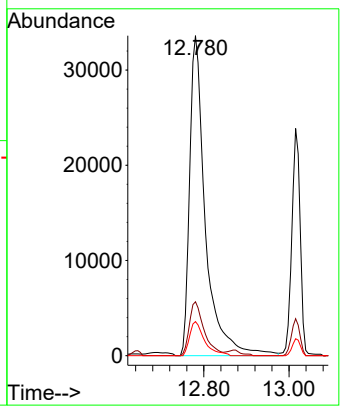


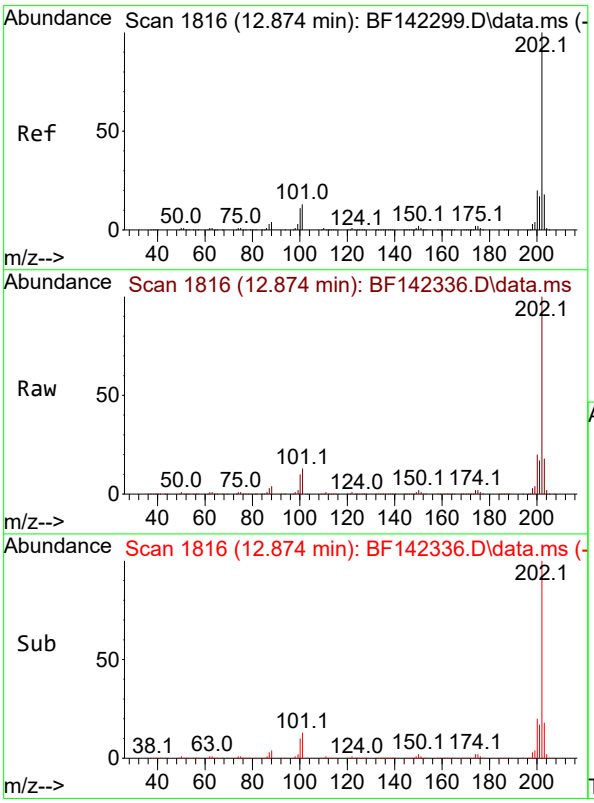
#77
Benzidine
Concen: 11.065 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.011 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 86272

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	10.7	8.6	12.8

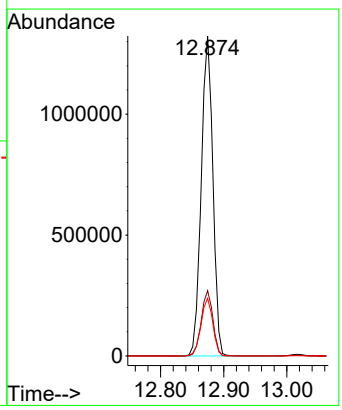


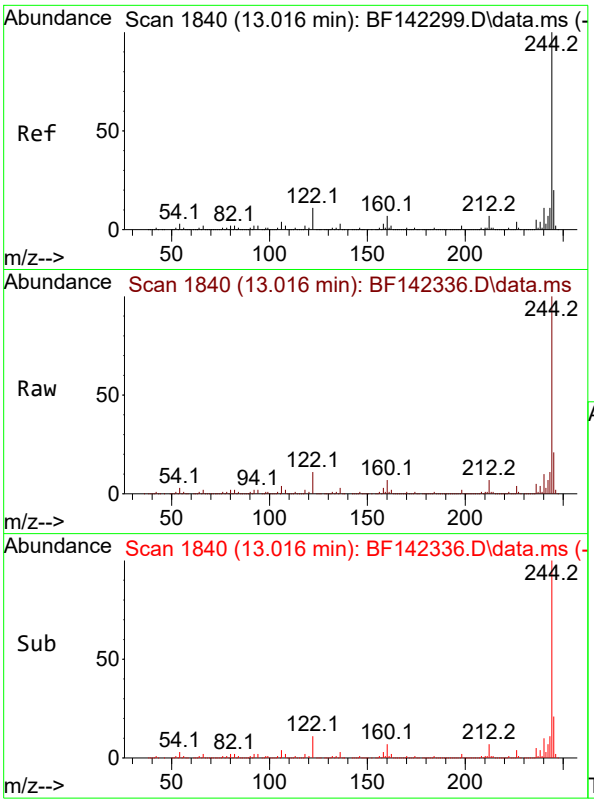


#78
Pyrene
Concen: 44.393 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:202 Resp: 1695335

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.0	14.3	21.5



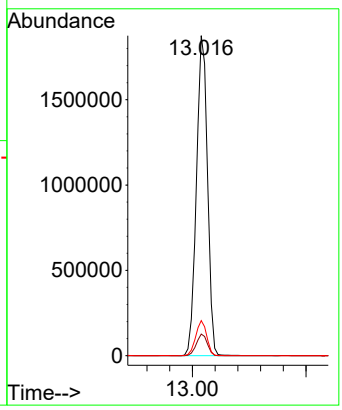


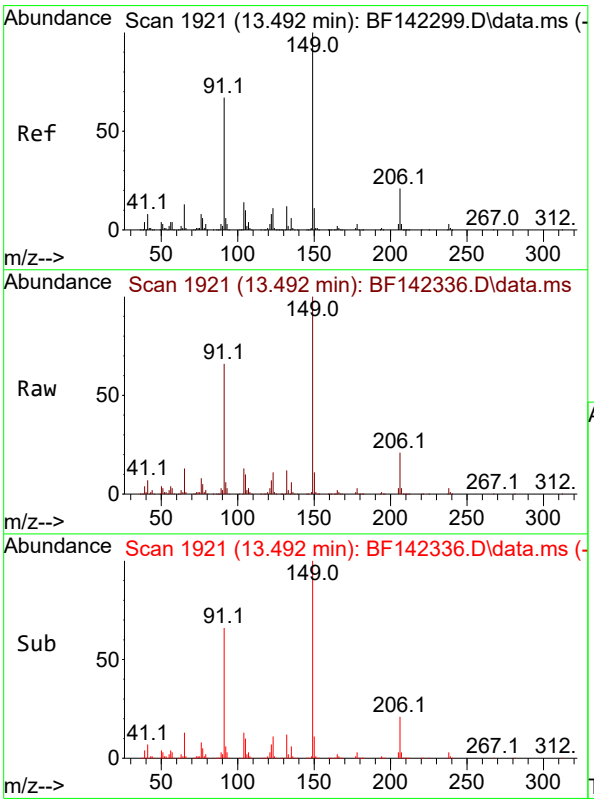
#79
Terphenyl-d14
Concen: 87.778 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 2544484

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.9	9.0	13.4

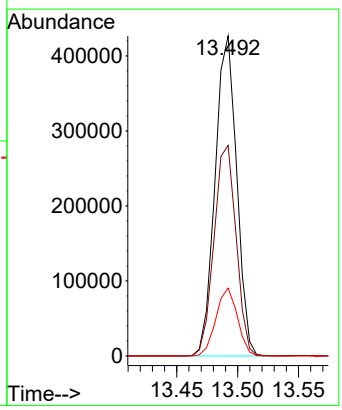


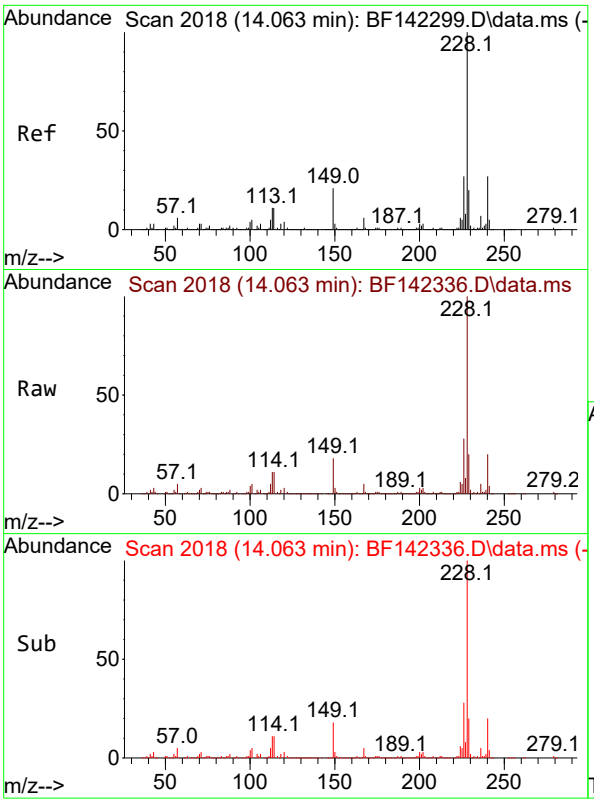


#80
Butylbenzylphthalate
Concen: 47.376 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 527431

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.8	80.6
206	21.2	16.6	24.8



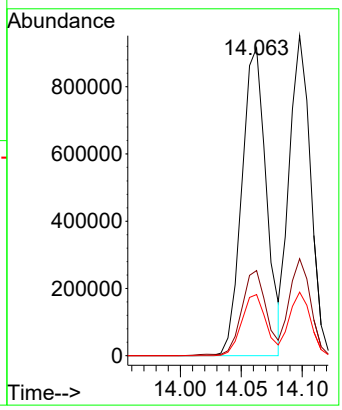


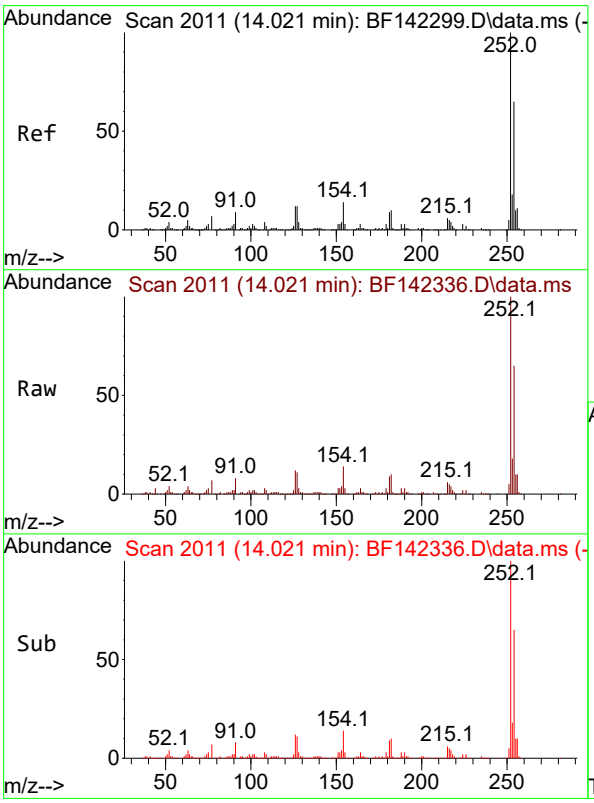
#81
Benzo(a)anthracene
Concen: 46.312 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1286820

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.5	32.3
229	19.8	15.9	23.9

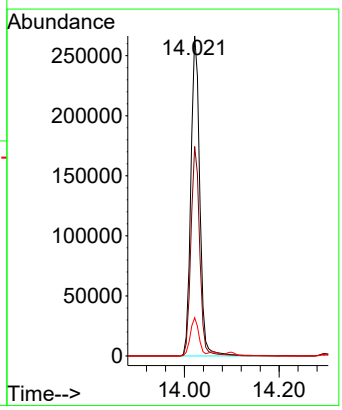


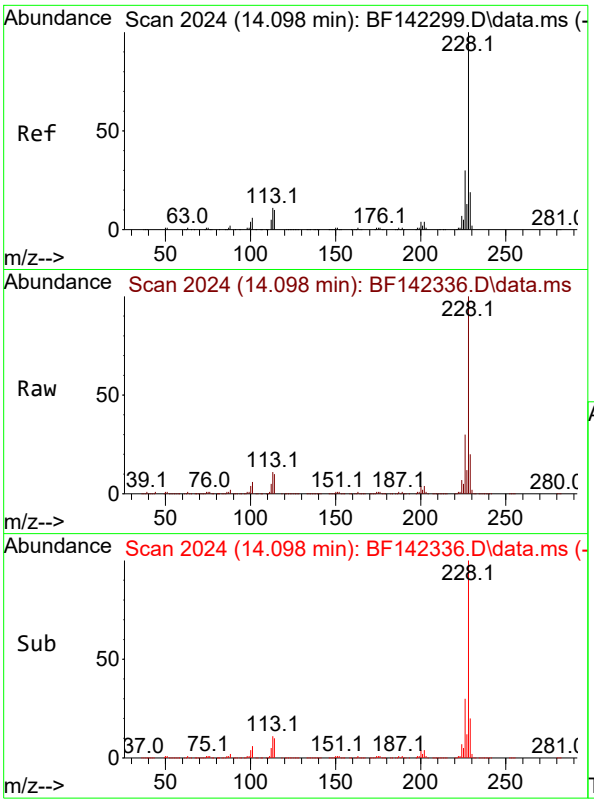


#82
3,3'-Dichlorobenzidine
Concen: 53.865 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:252 Resp: 348051

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.0	78.0
126	11.9	9.7	14.5



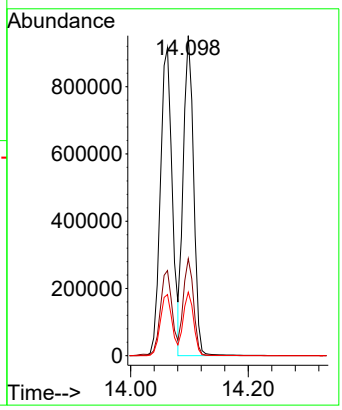


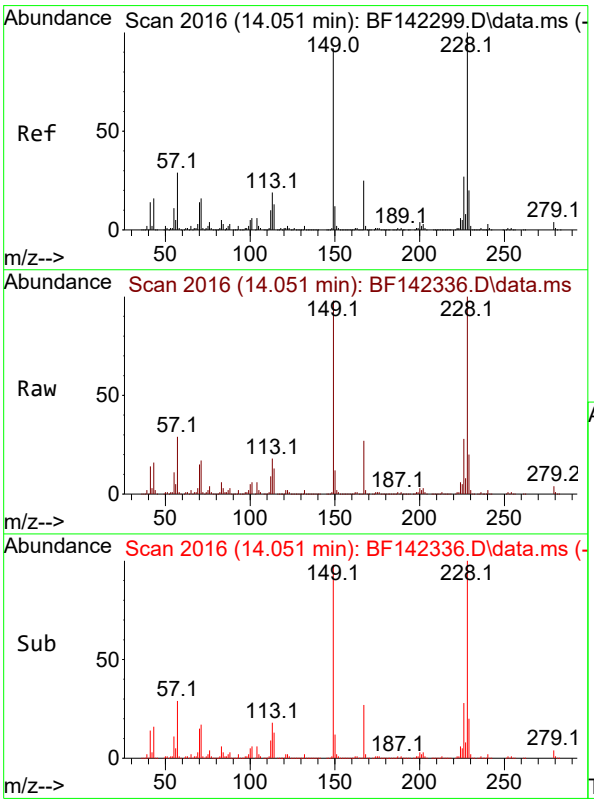
#83
Chrysene
Concen: 44.906 ng
RT: 14.098 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1161556

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.9	15.4	23.2

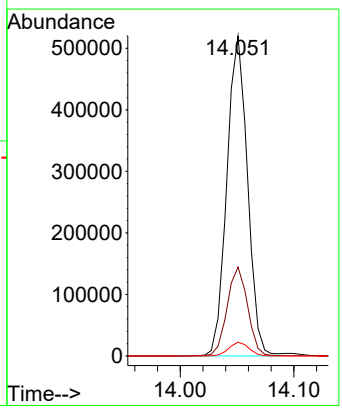


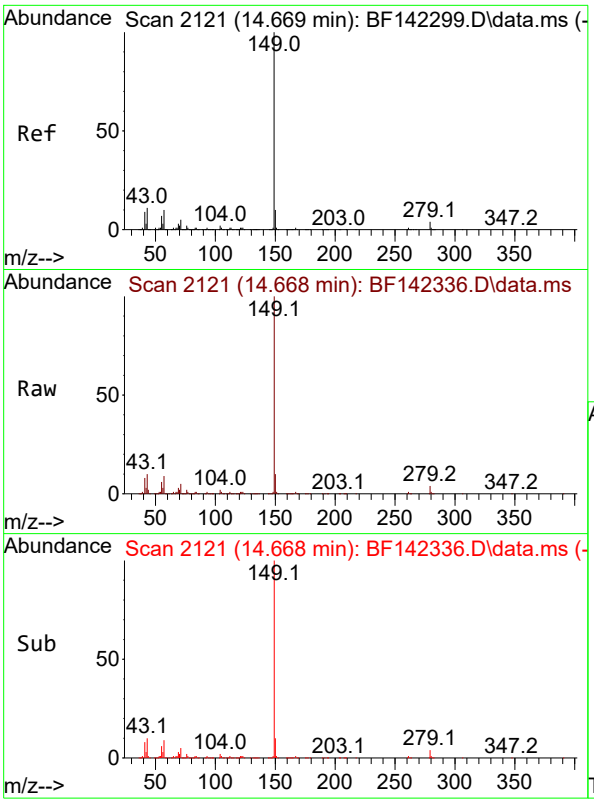


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.405 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:149 Resp: 655350

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	4.3	3.0	4.6



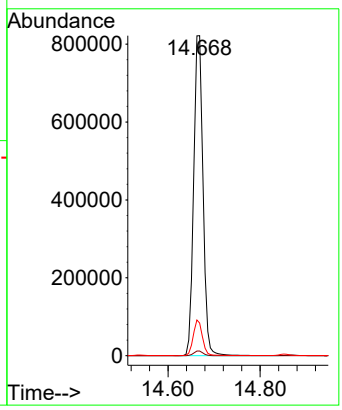


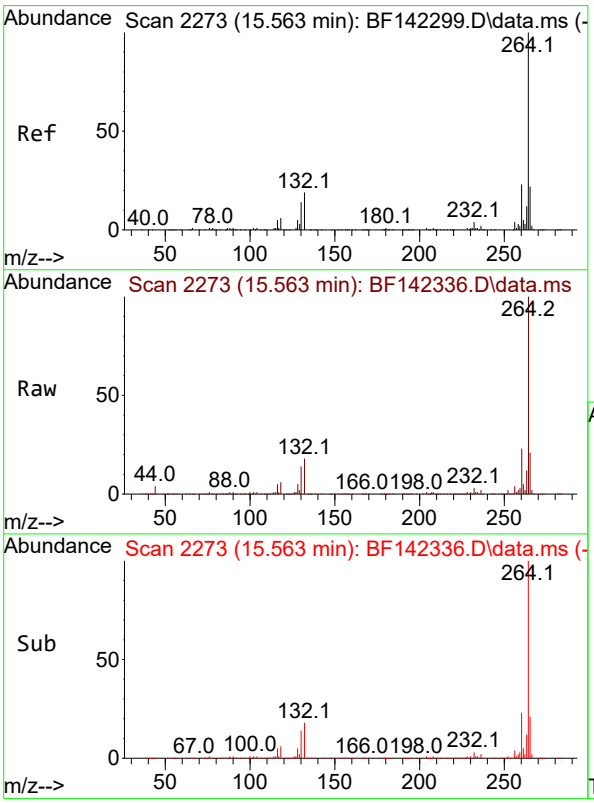
#85
Di-n-octyl phthalate
Concen: 44.663 ng
RT: 14.668 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1151683

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.0	9.2	13.8

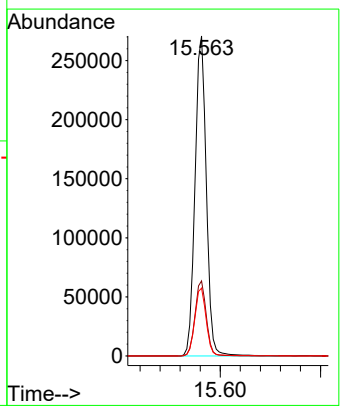


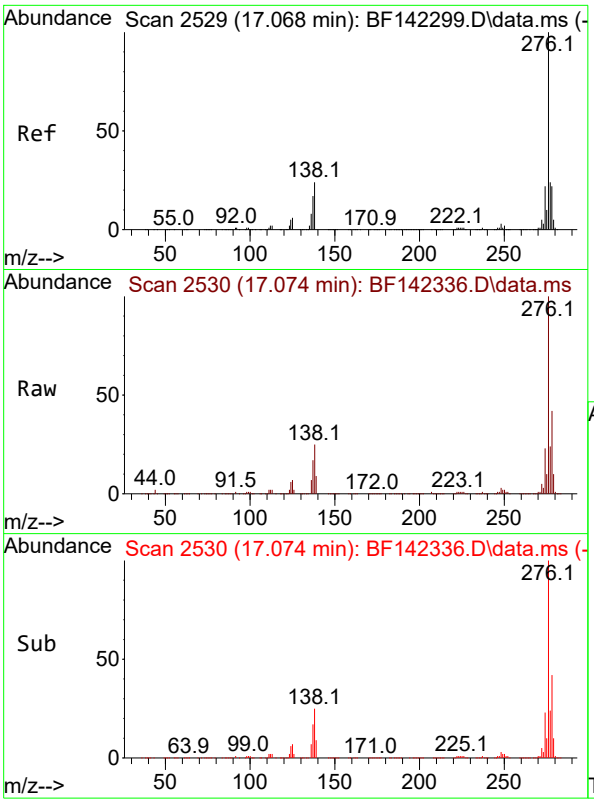


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:264 Resp: 422358

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.2	17.5	26.3



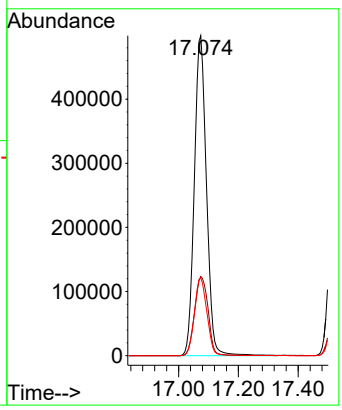


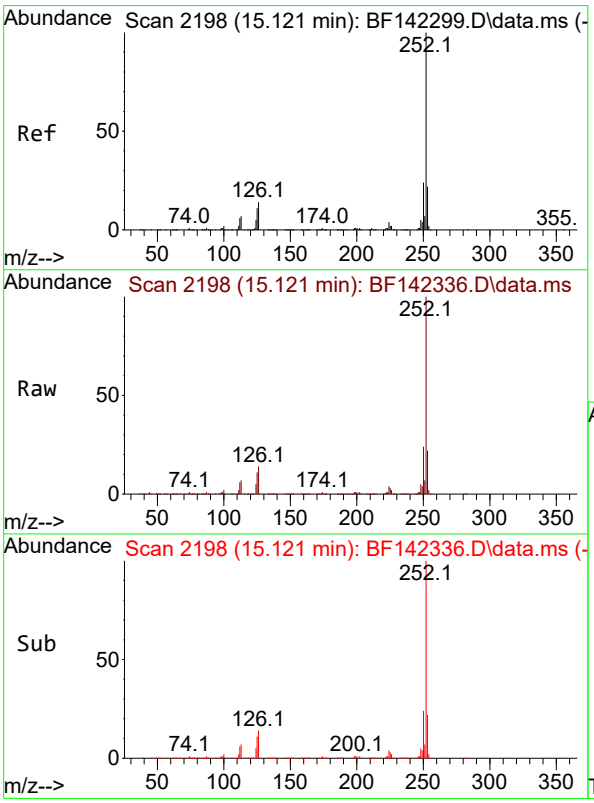
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.784 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 1403936

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.0	33.0
277	25.1	20.1	30.1

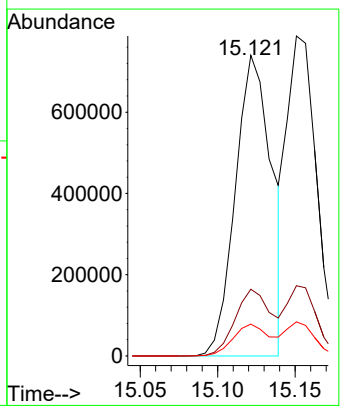


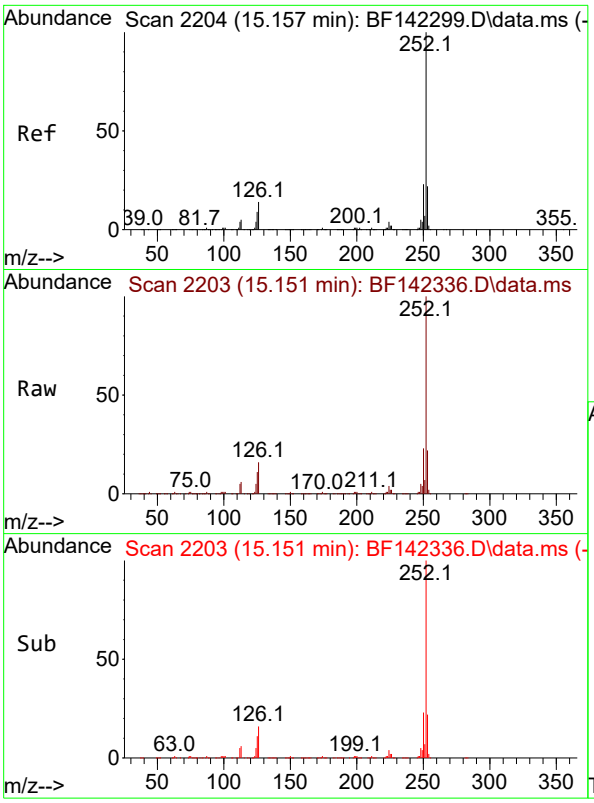


#88
Benzo(b)fluoranthene
Concen: 47.263 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:252 Resp: 1209004

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.6	8.7	13.1



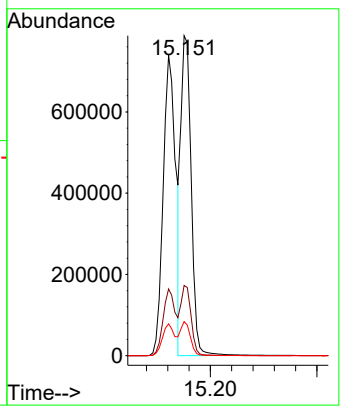


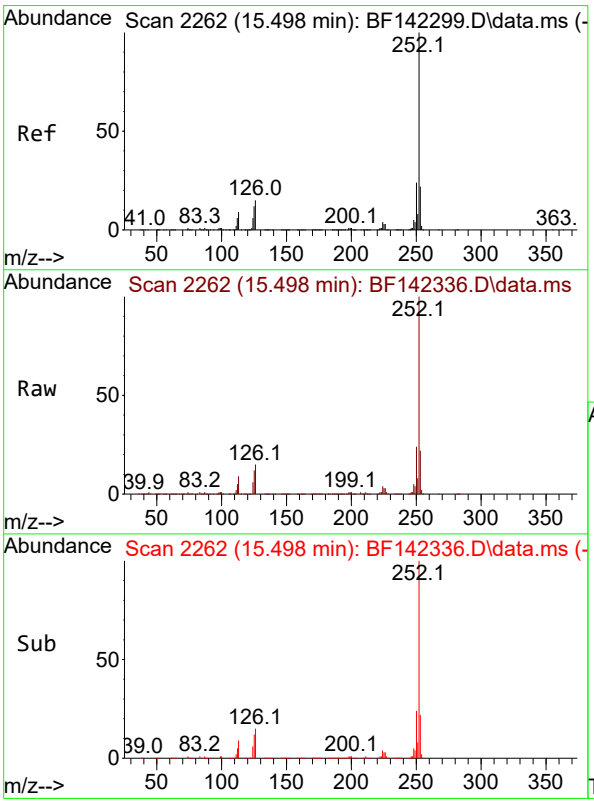
#89
Benzo(k)fluoranthene
Concen: 45.267 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1059661

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.7	8.1	12.1

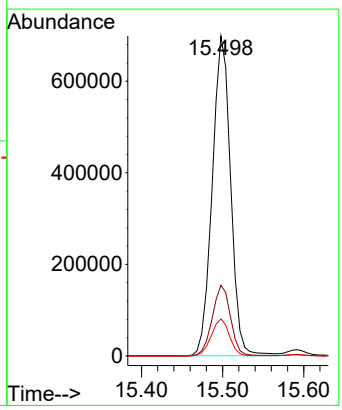


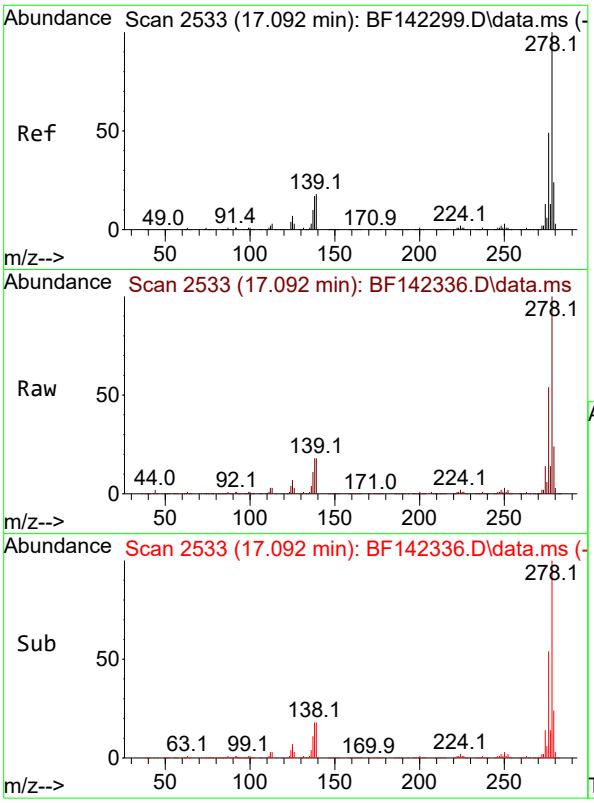


#90
Benzo(a)pyrene
Concen: 47.910 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:252 Resp: 1098240

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.6	9.4	14.0



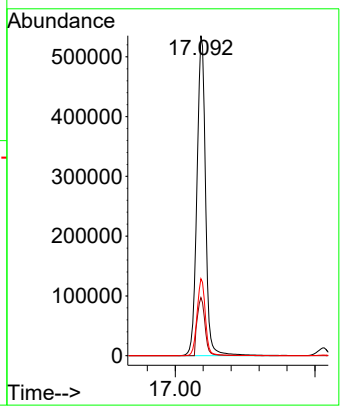


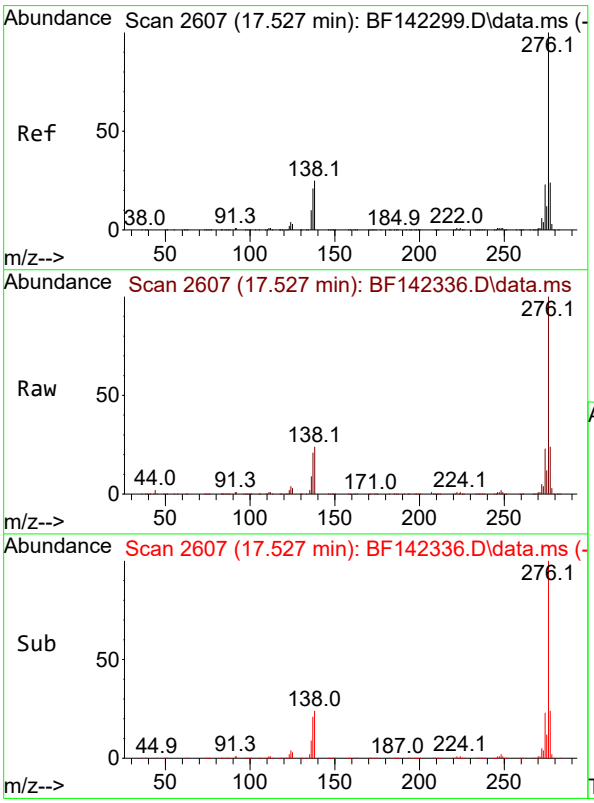
#91
Dibenzo(a,h)anthracene
Concen: 47.135 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1144103

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.5	21.7
279	24.0	18.9	28.3

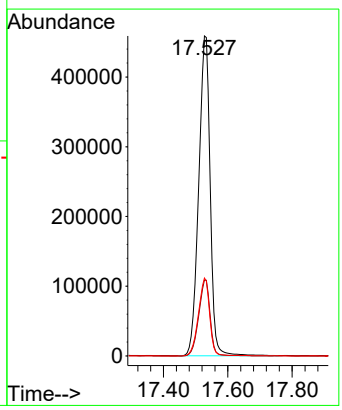




#92
Benzo(g,h,i)perylene
Concen: 47.068 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142336.D
Acq: 13 May 2025 10:49

Tgt Ion:276 Resp: 1133909

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	24.4	19.8	29.6



Sample Results: **BF142336.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	93	0.00
2		1,4-Dioxane	0.528	0.613	-16.1	113	-0.01
3		Pyridine	1.239	1.554	-25.4#	122	-0.01
4		n-Nitrosodimethylamine	0.720	0.833	-15.7	111	-0.01
5	S	2-Fluorophenol	1.172	1.367	-16.6	112	0.00
6		Aniline	1.413	2.162	-53.0#	136	0.00
7	S	Phenol-d6	1.441	1.664	-15.5	112	0.00
8		2-Chlorophenol	1.252	1.494	-19.3	113	0.00
9		Benzaldehyde	0.843	0.753	10.7	95	0.00
10	C	Phenol	1.527	1.898	-24.3#	119	0.00
11		bis(2-Chloroethyl)ether	1.506	1.507	-0.1	103	0.00
12		1,3-Dichlorobenzene	1.432	1.628	-13.7	112	0.00
13	C	1,4-Dichlorobenzene	1.438	1.639	-14.0	111	0.00
14		1,2-Dichlorobenzene	1.380	1.589	-15.1	112	0.00
15		Benzyl Alcohol	0.933	1.191	-27.7#	119	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.554	-13.6	111	0.00
17		2-Methylphenol	1.014	1.200	-18.3	114	0.00
18		Hexachloroethane	0.478	0.564	-18.0	113	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	1.031	-15.7	111	0.00
20		3+4-Methylphenols	1.265	1.480	-17.0	113	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	93	0.00
22		Acetophenone	0.445	0.499	-12.1	111	0.00
23	S	Nitrobenzene-d5	0.328	0.407	-24.1	116	0.00
24		Nitrobenzene	0.309	0.384	-24.3	117	0.00
25		Isophorone	0.621	0.722	-16.3	114	0.00
26	C	2-Nitrophenol	0.129	0.174	-34.9#	123	0.00
27		2,4-Dimethylphenol	0.312	0.365	-17.0	114	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.454	-13.8	113	0.00
29	C	2,4-Dichlorophenol	0.265	0.324	-22.3#	115	0.00
30		1,2,4-Trichlorobenzene	0.299	0.345	-15.4	114	0.00
31		Naphthalene	0.969	1.107	-14.2	114	0.00
32		Benzoic acid	0.150	0.201	-34.0#	134	0.00
33		4-Chloroaniline	0.396	0.472	-19.2	115	0.00
34	C	Hexachlorobutadiene	0.177	0.205	-15.8	114	0.00
35		Caprolactam	0.077	0.101	-31.2#	119	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.328	-18.8	115	0.00
37		2-Methylnaphthalene	0.602	0.684	-13.6	112	0.00
38		1-Methylnaphthalene	0.628	0.712	-13.4	112	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	93	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.639	-14.3	116	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.427	-23.8	116	0.00
42	S	2,4,6-Tribromophenol	0.193	0.249	-29.0#	121	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.428	-21.6#	113	0.00
44		2,4,5-Trichlorophenol	0.375	0.463	-23.5	119	0.00
45	S	2-Fluorobiphenyl	1.403	1.493	-6.4	109	0.00
46		1,1'-Biphenyl	1.533	1.716	-11.9	113	0.00
47		2-Chloronaphthalene	1.140	1.289	-13.1	113	0.00

Sample Results: **BF142336.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	0.292	0.387	-32.5#	121	0.00
49		Acenaphthylene	1.908	2.144	-12.4	112	0.00
50		Dimethylphthalate	1.284	1.507	-17.4	116	0.00
51		2,6-Dinitrotoluene	0.240	0.324	-35.0#	123	0.00
52	C	Acenaphthene	1.147	1.291	-12.6	113	0.00
53		3-Nitroaniline	0.282	0.375	-33.0#	122	0.00
54	P	2,4-Dinitrophenol	0.102	0.137	-34.3#	131	0.00
55		Dibenzofuran	1.693	1.907	-12.6	114	0.00
56	P	4-Nitrophenol	0.212	0.286	-34.9#	124	0.00
57		2,4-Dinitrotoluene	0.308	0.427	-38.6#	125	0.00
58		Fluorene	1.292	1.434	-11.0	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.387	-25.2#	118	0.00
60		Diethylphthalate	1.283	1.519	-18.4	117	0.00
61		4-Chlorophenyl-phenylether	0.623	0.707	-13.5	114	0.00
62		4-Nitroaniline	0.223	0.278	-24.7	115	0.00
63		Azobenzene	1.226	1.394	-13.7	115	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	96	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.108	-31.7#	128	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.748	-12.3	114	0.00
67		4-Bromophenyl-phenylether	0.227	0.262	-15.4	117	0.00
68		Hexachlorobenzene	0.249	0.290	-16.5	118	0.00
69		Atrazine	0.175	0.220	-25.7#	122	0.00
70	C	Pentachlorophenol	0.131	0.173	-32.1#	120	0.00
71		Phenanthrene	1.048	1.171	-11.7	114	0.00
72		Anthracene	1.077	1.205	-11.9	114	0.00
73		Carbazole	0.966	1.086	-12.4	113	0.00
74		Di-n-butylphthalate	1.016	1.242	-22.2	118	0.00
75	C	Fluoranthene	1.048	1.170	-11.6	114	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	96	0.00
77		Benzidine	0.363	0.101	72.2#	27#	0.01
78		Pyrene	1.780	1.976	-11.0	111	0.00
79	S	Terphenyl-d14	1.351	1.483	-9.8	113	0.00
80		Butylbenzylphthalate	0.449	0.615	-37.0#	126	0.00
81		Benzo(a)anthracene	1.295	1.500	-15.8	116	0.00
82		3,3'-Dichlorobenzidine	0.301	0.406	-34.9#	131	0.00
83		Chrysene	1.206	1.354	-12.3	117	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.764	-33.3#	122	0.00
85	c	Di-n-octyl phthalate	1.057	1.342	-27.0#	125	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.391	1.662	-19.5	119	0.00
88		Benzo(b)fluoranthene	1.211	1.431	-18.2	122	0.00
89		Benzo(k)fluoranthene	1.109	1.254	-13.1	119	0.00
90	C	Benzo(a)pyrene	1.085	1.300	-19.8	121	0.00
91		Dibenzo(a,h)anthracene	1.149	1.354	-17.8	118	0.00
92		Benzo(g,h,i)perylene	1.141	1.342	-17.6	119	0.00

Sample Results: **BF142336.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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 = 6

Sample Results: **BF142336.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	93	0.00
2		1,4-Dioxane	40.000	46.450	-16.1	113	-0.01
3		Pyridine	40.000	50.172	-25.4#	122	-0.01
4		n-Nitrosodimethylamine	40.000	46.270	-15.7	111	-0.01
5	S	2-Fluorophenol	80.000	93.338	-16.7	112	0.00
6		Aniline	40.000	61.179	-52.9#	136	0.00
7	S	Phenol-d6	80.000	92.355	-15.4	112	0.00
8		2-Chlorophenol	40.000	47.729	-19.3	113	0.00
9		Benzaldehyde	40.000	35.706	10.7	95	0.00
10	C	Phenol	40.000	49.695	-24.2#	119	0.00
11		bis(2-Chloroethyl)ether	40.000	40.011	-0.0	103	0.00
12		1,3-Dichlorobenzene	40.000	45.467	-13.7	112	0.00
13	C	1,4-Dichlorobenzene	40.000	45.586	-14.0	111	0.00
14		1,2-Dichlorobenzene	40.000	46.040	-15.1	112	0.00
15		Benzyl Alcohol	40.000	51.070	-27.7#	119	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	45.413	-13.5	111	0.00
17		2-Methylphenol	40.000	47.372	-18.4	114	0.00
18		Hexachloroethane	40.000	47.168	-17.9	113	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	46.265	-15.7	111	0.00
20		3+4-Methylphenols	40.000	46.799	-17.0	113	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	93	0.00
22		Acetophenone	40.000	44.866	-12.2	111	0.00
23	S	Nitrobenzene-d5	80.000	99.244	-24.1	116	0.00
24		Nitrobenzene	40.000	49.663	-24.2	117	0.00
25		Isophorone	40.000	46.497	-16.2	114	0.00
26	C	2-Nitrophenol	40.000	46.775	-16.9	123	0.00
27		2,4-Dimethylphenol	40.000	46.791	-17.0	114	0.00
28		bis(2-Chloroethoxy)methane	40.000	45.508	-13.8	113	0.00
29	C	2,4-Dichlorophenol	40.000	48.778	-21.9#	115	0.00
30		1,2,4-Trichlorobenzene	40.000	46.225	-15.6	114	0.00
31		Naphthalene	40.000	45.670	-14.2	114	0.00
32		Benzoic acid	40.000	48.069	-20.2	134	0.00
33		4-Chloroaniline	40.000	47.782	-19.5	115	0.00
34	C	Hexachlorobutadiene	40.000	46.354	-15.9	114	0.00
35		Caprolactam	40.000	52.181	-30.5#	119	0.00
36	C	4-Chloro-3-methylphenol	40.000	47.531	-18.8	115	0.00
37		2-Methylnaphthalene	40.000	45.437	-13.6	112	0.00
38		1-Methylnaphthalene	40.000	45.385	-13.5	112	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	93	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	45.772	-14.4	116	0.00
41	P	Hexachlorocyclopentadiene	40.000	49.446	-23.6	116	0.00
42	S	2,4,6-Tribromophenol	80.000	103.360	-29.2#	121	0.00
43	C	2,4,6-Trichlorophenol	40.000	48.561	-21.4#	113	0.00
44		2,4,5-Trichlorophenol	40.000	49.355	-23.4	119	0.00
45	S	2-Fluorobiphenyl	80.000	85.160	-6.4	109	0.00
46		1,1'-Biphenyl	40.000	44.761	-11.9	113	0.00
47		2-Chloronaphthalene	40.000	45.218	-13.0	113	0.00

Sample Results: **BF142336.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	52.939	-32.3#	121	0.00
49		Acenaphthylene	40.000	44.961	-12.4	112	0.00
50		Dimethylphthalate	40.000	46.938	-17.3	116	0.00
51		2,6-Dinitrotoluene	40.000	53.901	-34.8#	123	0.00
52	C	Acenaphthene	40.000	45.032	-12.6	113	0.00
53		3-Nitroaniline	40.000	53.247	-33.1#	122	0.00
54	P	2,4-Dinitrophenol	40.000	46.934	-17.3	131	0.00
55		Dibenzofuran	40.000	45.062	-12.7	114	0.00
56	P	4-Nitrophenol	40.000	53.854	-34.6#	124	0.00
57		2,4-Dinitrotoluene	40.000	55.391	-38.5#	125	0.00
58		Fluorene	40.000	44.385	-11.0	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	50.003	-25.0#	118	0.00
60		Diethylphthalate	40.000	47.371	-18.4	117	0.00
61		4-Chlorophenyl-phenylether	40.000	45.391	-13.5	114	0.00
62		4-Nitroaniline	40.000	49.726	-24.3	115	0.00
63		Azobenzene	40.000	45.494	-13.7	115	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	96	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.453	-16.1	128	0.00
66	c	n-Nitrosodiphenylamine	40.000	44.941	-12.4	114	0.00
67		4-Bromophenyl-phenylether	40.000	46.223	-15.6	117	0.00
68		Hexachlorobenzene	40.000	46.545	-16.4	118	0.00
69		Atrazine	40.000	50.272	-25.7#	122	0.00
70	C	Pentachlorophenol	40.000	52.747	-31.9#	120	0.00
71		Phenanthrene	40.000	44.686	-11.7	114	0.00
72		Anthracene	40.000	44.746	-11.9	114	0.00
73		Carbazole	40.000	44.931	-12.3	113	0.00
74		Di-n-butylphthalate	40.000	48.890	-22.2	118	0.00
75	C	Fluoranthene	40.000	44.671	-11.7	114	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	96	0.00
77		Benzidine	40.000	11.065	72.3#	27	0.01
78		Pyrene	40.000	44.393	-11.0	111	0.00
79	S	Terphenyl-d14	80.000	87.778	-9.7	113	0.00
80		Butylbenzylphthalate	40.000	47.376	-18.4	126	0.00
81		Benzo(a)anthracene	40.000	46.312	-15.8	116	0.00
82		3,3'-Dichlorobenzidine	40.000	53.865	-34.7#	131	0.00
83		Chrysene	40.000	44.906	-12.3	117	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.405	-13.5	122	0.00
85	c	Di-n-octyl phthalate	40.000	44.663	-11.7	125	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	47.784	-19.5	119	0.00
88		Benzo(b)fluoranthene	40.000	47.263	-18.2	122	0.00
89		Benzo(k)fluoranthene	40.000	45.267	-13.2	119	0.00
90	C	Benzo(a)pyrene	40.000	47.910	-19.8	121	0.00
91		Dibenzo(a,h)anthracene	40.000	47.135	-17.8	118	0.00
92		Benzo(g,h,i)perylene	40.000	47.068	-17.7	119	0.00

Sample Results: **BF142336.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142336.D
Acq On : 13 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 13 13:03:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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 = 4

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_F Calibration Date/Time: 05/15/2025 10:08

Lab File ID: BF142384.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.172	1.185		1.1	
Benzaldehyde	0.843	0.790		-6.3	
Phenol-d6	1.441	1.453		0.8	
Phenol	1.531	1.687		10.2	20.0
bis(2-Chloroethyl)ether	1.506	1.206		-19.9	
2-Chlorophenol	1.252	1.341		7.1	
2-Methylphenol	1.014	1.020		0.6	
2,2-oxybis(1-Chloropropane)	2.249	2.090		-7.1	
Acetophenone	0.445	0.432		-2.9	
3+4-Methylphenols	1.265	1.281		1.3	
n-Nitroso-di-n-propylamine	0.891	0.887	0.050	-0.4	
Nitrobenzene-d5	0.328	0.363		10.7	
Hexachloroethane	0.478	0.498		4.2	
Nitrobenzene	0.309	0.329		6.5	
Isophorone	0.621	0.611		-1.6	
2-Nitrophenol	0.129	0.180		39.5	20.0
2,4-Dimethylphenol	0.312	0.317		1.6	
bis(2-Chloroethoxy)methane	0.399	0.377		-5.5	
2,4-Dichlorophenol	0.265	0.282		6.4	20.0
Naphthalene	0.969	0.952		-1.8	
4-Chloroaniline	0.395	0.395		0.0	
Hexachlorobutadiene	0.177	0.180		1.7	20.0
Caprolactam	0.077	0.085		10.4	
4-Chloro-3-methylphenol	0.276	0.298		8.0	20.0
2-Methylnaphthalene	0.602	0.598		-0.7	
Hexachlorocyclopentadiene	0.345	0.391	0.050	13.3	
2,4,6-Trichlorophenol	0.352	0.393		11.6	20.0
2-Fluorobiphenyl	1.403	1.334		-4.9	
2,4,5-Trichlorophenol	0.375	0.404		7.7	
1,1-Biphenyl	1.533	1.496		-2.4	
2-Chloronaphthalene	1.140	1.126		-1.2	
2-Nitroaniline	0.292	0.343		17.5	
Dimethylphthalate	1.284	1.305		1.6	
Acenaphthylene	1.908	1.887		-1.1	
2,6-Dinitrotoluene	0.240	0.287		19.6	
3-Nitroaniline	0.282	0.328		16.3	
Acenaphthene	1.147	1.167		1.7	20.0
2,4-Dinitrophenol	0.102	0.155	0.050	52.0	
4-Nitrophenol	0.212	0.270	0.050	27.4	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_F Calibration Date/Time: 05/15/2025 10:08

Lab File ID: BF142384.D Init. Calib. Date(s): 05/05/2025 05/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:54 17:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.693	1.670		-1.4	
2,4-Dinitrotoluene	0.308	0.387		25.6	
Diethylphthalate	1.283	1.268		-1.2	
4-Chlorophenyl-phenylether	0.623	0.627		0.6	
Fluorene	1.292	1.258		-2.6	
4-Nitroaniline	0.223	0.271		21.5	
4,6-Dinitro-2-methylphenol	0.082	0.118		43.9	
n-Nitrosodiphenylamine	0.666	0.652		-2.1	20.0
2,4,6-Tribromophenol	0.193	0.228		18.1	
4-Bromophenyl-phenylether	0.227	0.229		0.9	
Hexachlorobenzene	0.249	0.253		1.6	
Atrazine	0.175	0.181		3.4	
Pentachlorophenol	0.131	0.161		22.9	20.0
Phenanthrene	1.048	1.011		-3.5	
Anthracene	1.077	1.047		-2.8	
Carbazole	0.966	0.919		-4.9	
Di-n-butylphthalate	1.016	1.002		-1.4	
Fluoranthene	1.048	0.966		-7.8	20.0
Pyrene	1.780	1.890		6.2	
Terphenyl-d14	1.351	1.396		3.3	
Butylbenzylphthalate	0.449	0.554		23.4	
3,3-Dichlorobenzidine	0.301	0.406		34.9	
Benzo(a)anthracene	1.295	1.280		-1.2	
Chrysene	1.206	1.167		-3.2	
Bis(2-ethylhexyl)phthalate	0.573	0.758		32.3	
Di-n-octyl phthalate	1.057	1.421		34.4	20.0
Benzo(b)fluoranthene	1.211	1.181		-2.5	
Benzo(k)fluoranthene	1.109	1.054		-5.0	
Benzo(a)pyrene	1.085	1.112		2.5	20.0
Indeno(1,2,3-cd)pyrene	1.391	1.459		4.9	
Dibenzo(a,h)anthracene	1.149	1.182		2.9	
Benzo(g,h,i)perylene	1.141	1.160		1.7	
1,2,4,5-Tetrachlorobenzene	0.559	0.562		0.5	
1,4-Dioxane	0.528	0.494		-6.4	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.350		13.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	167469	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	652293	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	352544	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	609842	20.000	ng	0.00
76) Chrysene-d12	14.068	240	307770	20.000	ng	0.00
86) Perylene-d12	15.556	264	334801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	793699	80.905	ng	0.00
7) Phenol-d6	6.528	99	973163	80.654	ng	0.00
23) Nitrobenzene-d5	7.469	82	945883	88.437	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	321545	94.468	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1880482	76.057	ng	0.00
79) Terphenyl-d14	13.015	244	1718750	82.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	165382	37.436	ng	98
3) Pyridine	3.445	79	423152	40.797	ng	99
4) n-Nitrosodimethylamine	3.398	42	227064	37.667	ng	97
6) Aniline	6.563	93	627828	53.049	ng	100
8) 2-Chlorophenol	6.686	128	449181	42.847	ng	98
9) Benzaldehyde	6.451	77	264659	37.477	ng	99
10) Phenol	6.539	94	564949	44.171	ng	97
11) bis(2-Chloroethyl)ether	6.639	93	403831	32.018	ng	97
12) 1,3-Dichlorobenzene	6.845	146	477678	39.828	ng	99
13) 1,4-Dichlorobenzene	6.922	146	479424	39.812	ng	99
14) 1,2-Dichlorobenzene	7.075	146	459174	39.725	ng	99
15) Benzyl Alcohol	7.039	79	350796	44.898	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	699875	37.159	ng	100
17) 2-Methylphenol	7.151	107	341529	40.240	ng	100
18) Hexachloroethane	7.416	117	166684	41.602	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	297251	39.827	ng	98
20) 3+4-Methylphenols	7.304	107	428978	40.498	ng	96
22) Acetophenone	7.316	105	563832	38.876	ng	99
24) Nitrobenzene	7.486	77	428681	42.519	ng	96
25) Isophorone	7.728	82	797707	39.386	ng	99
26) 2-Nitrophenol	7.798	139	234213	48.180	ng	98
27) 2,4-Dimethylphenol	7.833	122	413214	40.579	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	491833	37.765	ng	100
29) 2,4-Dichlorophenol	8.039	162	367794	42.484	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	397960	40.845	ng	99
31) Naphthalene	8.210	128	1241567	39.273	ng	100
32) Benzoic acid	7.945	122	262715	48.080	ng	98
33) 4-Chloroaniline	8.257	127	515092m	39.930	ng	
34) Hexachlorobutadiene	8.328	225	235169	40.762	ng	99
35) Caprolactam	8.622	113	110904	43.955	ng	96
36) 4-Chloro-3-methylphenol	8.727	107	388839	43.207	ng	98
37) 2-Methylnaphthalene	8.898	142	779778	39.695	ng	99
38) 1-Methylnaphthalene	8.998	142	807941	39.461	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	396248	40.244	ng	99
41) Hexachlorocyclopentadiene	9.051	237	275586	45.288	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	277366	44.660	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

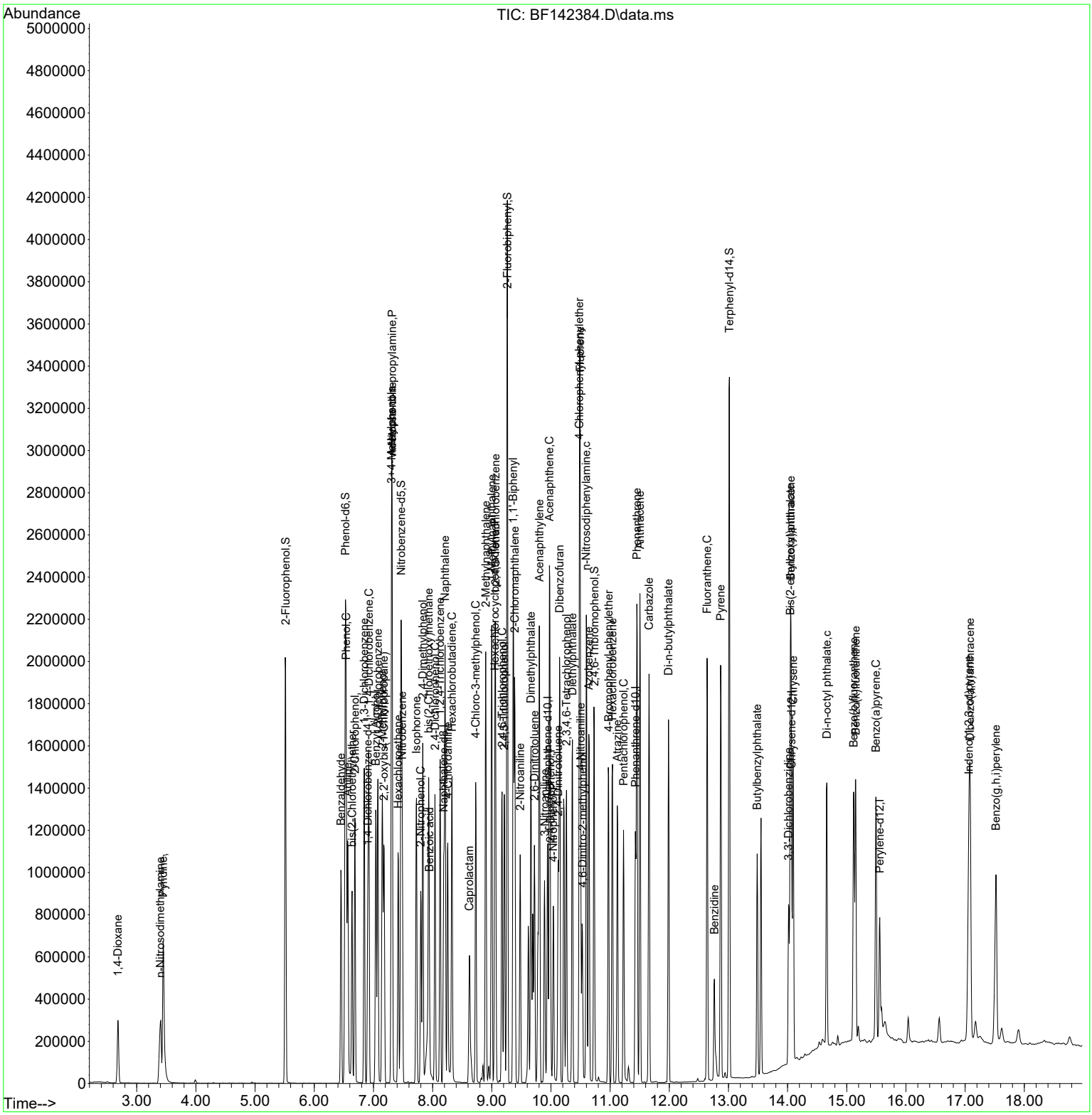
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	284606	43.069	ng		99
46) 1,1'-Biphenyl	9.363	154	1054716	39.019	ng		99
47) 2-Chloronaphthalene	9.386	162	793640	39.480	ng		99
48) 2-Nitroaniline	9.480	65	242020	46.970	ng		93
49) Acenaphthylene	9.804	152	1330203	39.556	ng		100
50) Dimethylphthalate	9.663	163	920024	40.641	ng		99
51) 2,6-Dinitrotoluene	9.722	165	202470	47.782	ng		92
52) Acenaphthene	9.974	154	823139	40.709	ng		100
53) 3-Nitroaniline	9.892	138	231519	46.586	ng		93
54) 2,4-Dinitrophenol	9.992	184	109406	52.287	ng	#	31
55) Dibenzofuran	10.145	168	1177533	39.460	ng		99
56) 4-Nitrophenol	10.039	139	190242	50.863	ng		98
57) 2,4-Dinitrotoluene	10.122	165	272568	50.147	ng		96
58) Fluorene	10.492	166	887188	38.957	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	246742	45.231	ng		98
60) Diethylphthalate	10.363	149	894154	39.551	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	442251	40.251	ng		99
62) 4-Nitroaniline	10.504	138	190827	48.448	ng		99
63) Azobenzene	10.639	77	829169	38.382	ng		100
65) 4,6-Dinitro-2-methylph...	10.533	198	143343	50.061	ng		92
66) n-Nitrosodiphenylamine	10.598	169	795348	39.193	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	278763	40.333	ng		96
68) Hexachlorobenzene	11.039	284	308205	40.540	ng		96
69) Atrazine	11.121	200	220173	41.159	ng		100
70) Pentachlorophenol	11.227	266	196607	49.158	ng		98
71) Phenanthrene	11.451	178	1232846	38.567	ng		100
72) Anthracene	11.504	178	1276652	38.868	ng		100
73) Carbazole	11.657	167	1120621	38.029	ng		99
74) Di-n-butylphthalate	11.986	149	1222117	39.441	ng		100
75) Fluoranthene	12.639	202	1178524	36.881	ng		99
77) Benzidine	12.763	184	338767	60.569	ng		98
78) Pyrene	12.868	202	1163491	42.472	ng		99
80) Butylbenzylphthalate	13.486	149	341169	43.080	ng		98
81) Benzo(a)anthracene	14.057	228	787940	39.532	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	250112	53.961	ng		98
83) Chrysene	14.092	228	718046	38.699	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	466640	45.102	ng		99
85) Di-n-octyl phthalate	14.662	149	874781	46.831	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	977143	41.956	ng		99
88) Benzo(b)fluoranthene	15.115	252	790611	38.990	ng		99
89) Benzo(k)fluoranthene	15.151	252	705674	38.028	ng		100
90) Benzo(a)pyrene	15.492	252	744294	40.961	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	791409	41.131	ng		98
92) Benzo(g,h,i)perylene	17.521	276	776651	40.669	ng		97

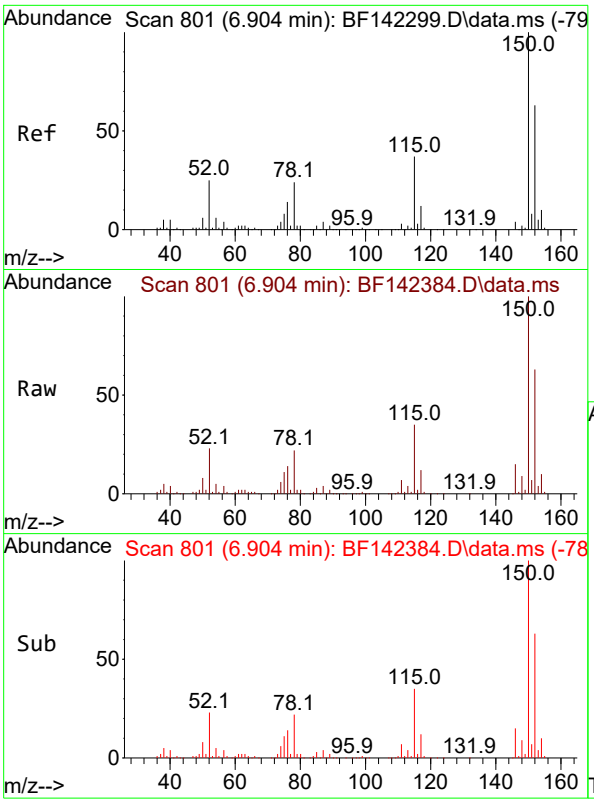
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



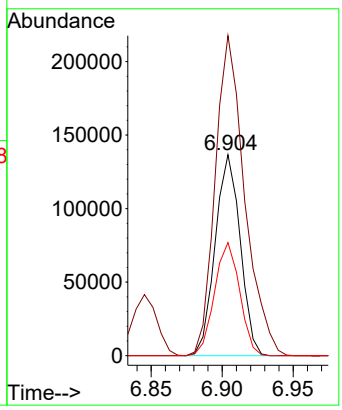


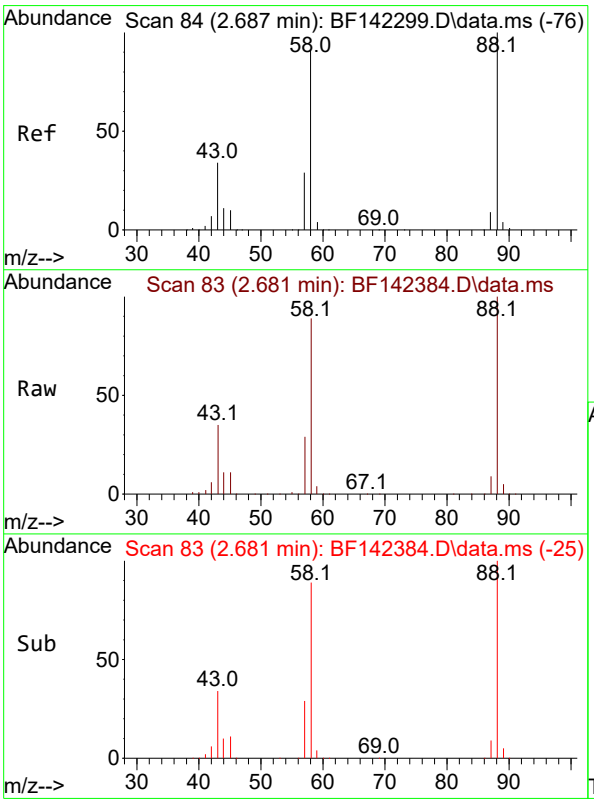
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 167469

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	190.0
115	56.3	47.3	70.9

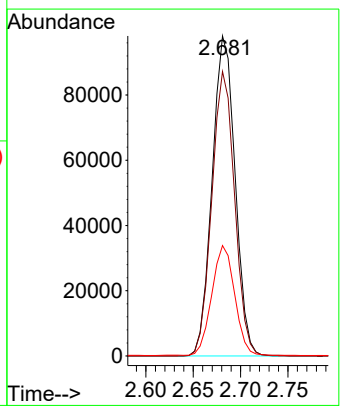


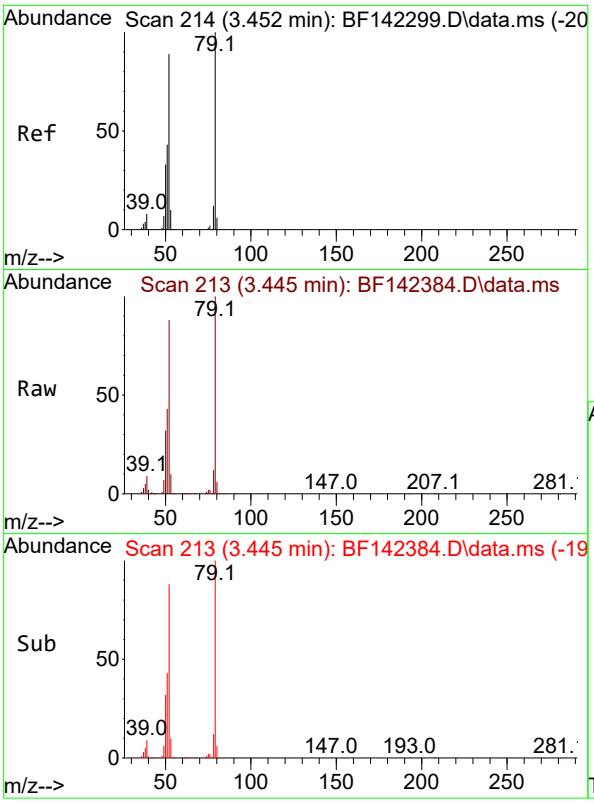


#2
1,4-Dioxane
Concen: 37.436 ng
RT: 2.681 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 88 Resp: 165382

Ion	Ratio	Lower	Upper
88	100		
58	88.3	73.0	109.4
43	34.2	27.8	41.6



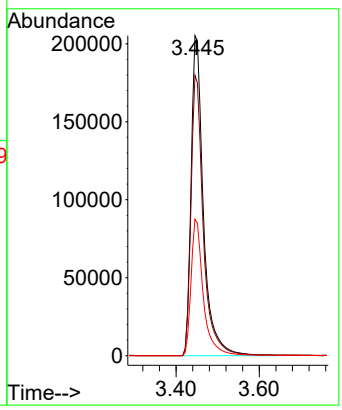


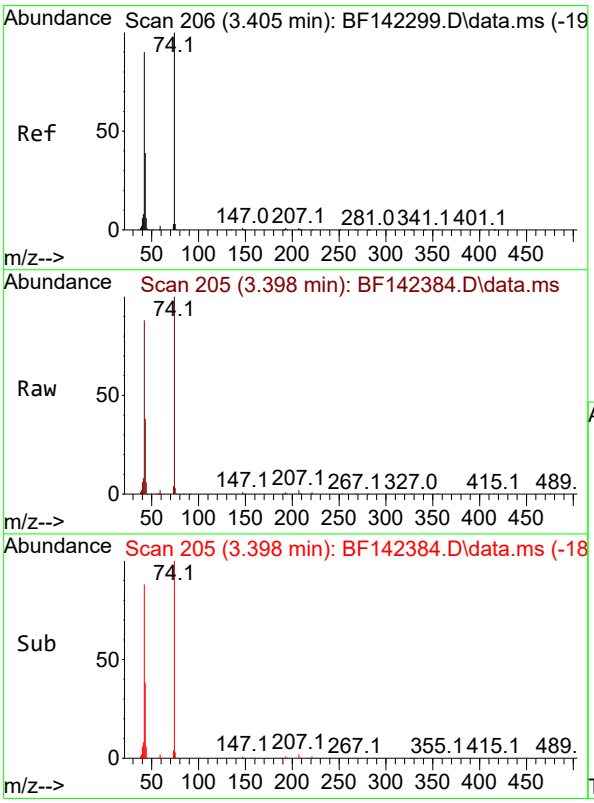
#3
Pyridine
Concen: 40.797 ng
RT: 3.445 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 423152

Ion	Ratio	Lower	Upper
79	100		
52	87.6	71.0	106.4
51	42.7	34.9	52.3

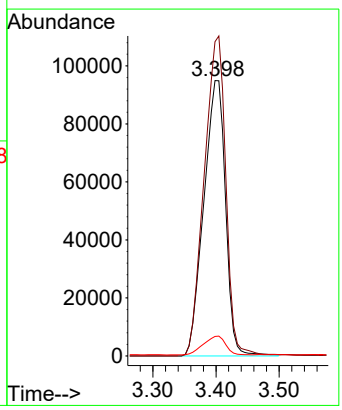


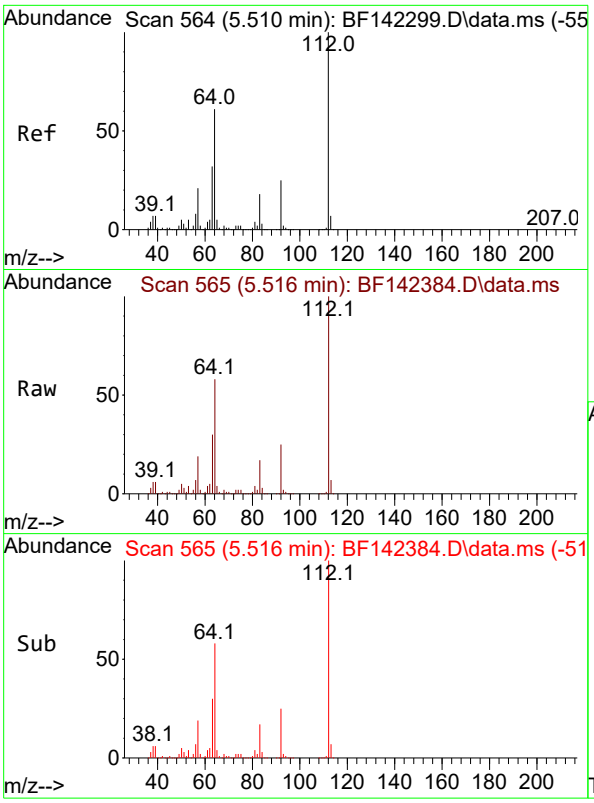


#4
n-Nitrosodimethylamine
Concen: 37.667 ng
RT: 3.398 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 42 Resp: 227064

Ion	Ratio	Lower	Upper
42	100		
74	114.1	88.5	132.7
44	7.1	5.8	8.8



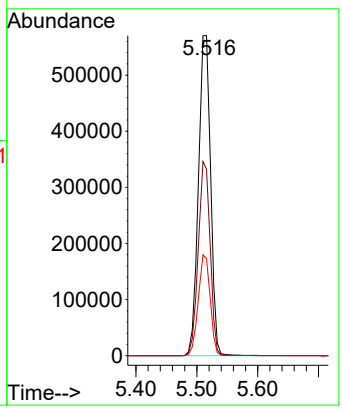


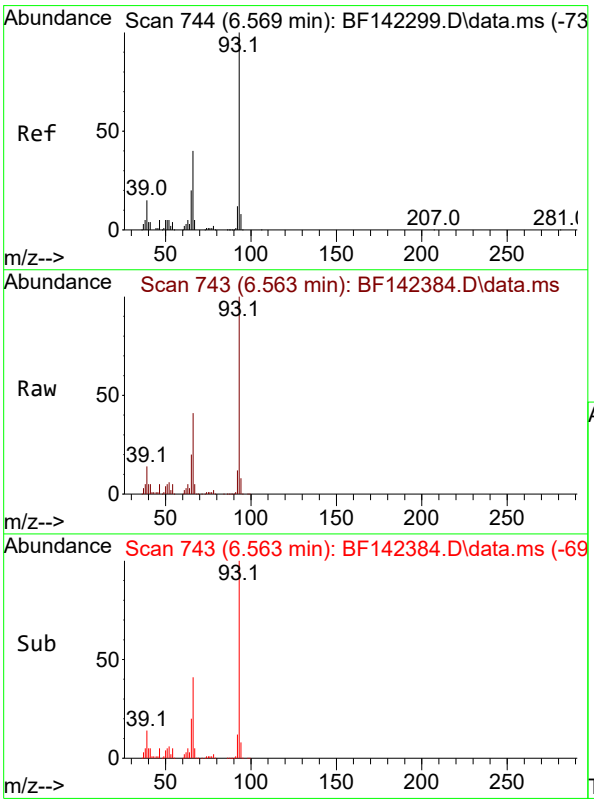
#5
2-Fluorophenol
Concen: 80.905 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 793699

Ion	Ratio	Lower	Upper
112	100		
64	58.3	48.9	73.3
63	30.3	25.6	38.4

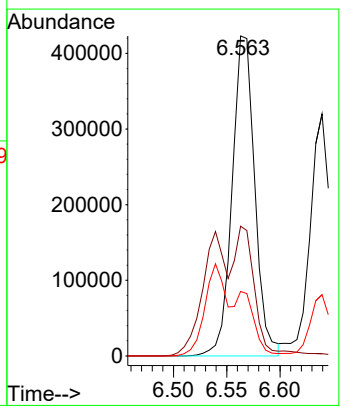


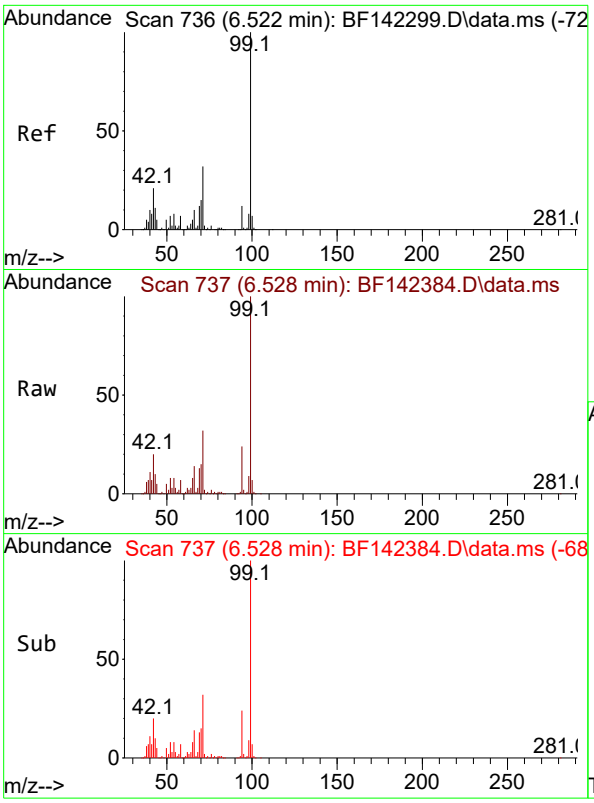


#6
Aniline
Concen: 53.049 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 93 Resp: 627828

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.4
65	20.1	16.3	24.5



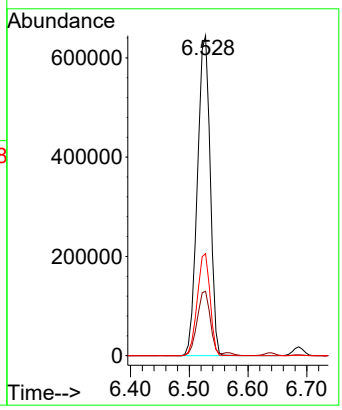


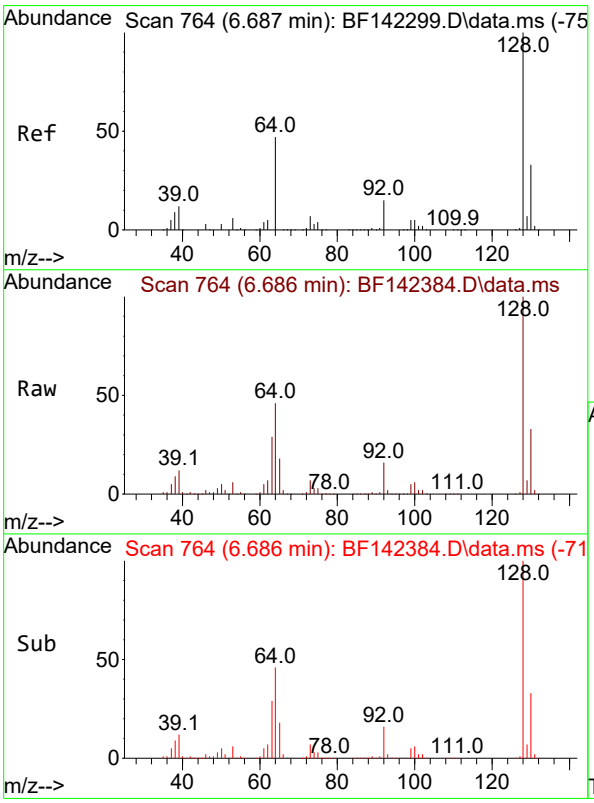
#7
Phenol-d6
Concen: 80.654 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 973163

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.4
71	31.9	25.8	38.8

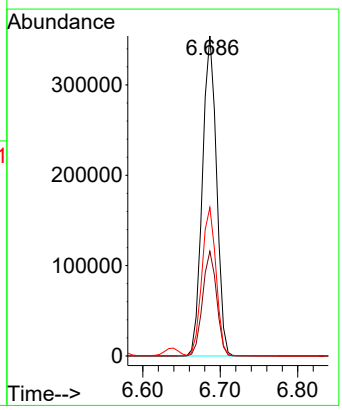


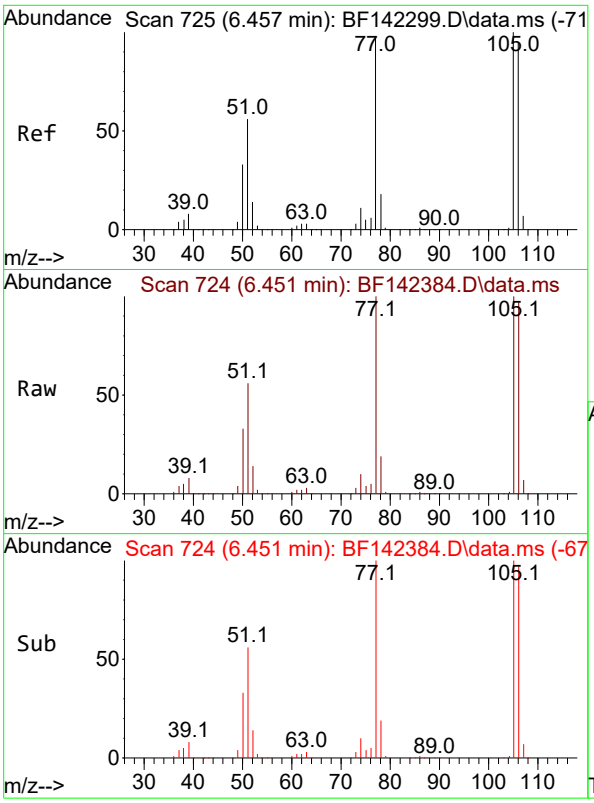


#8
2-Chlorophenol
Concen: 42.847 ng
RT: 6.686 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:128 Resp: 449181

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	46.4	29.2	69.2



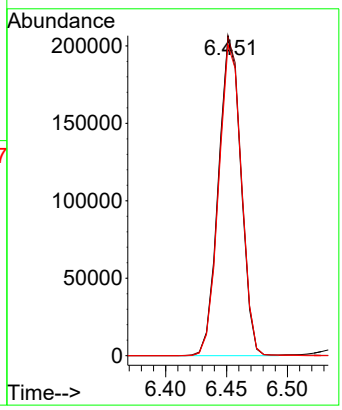


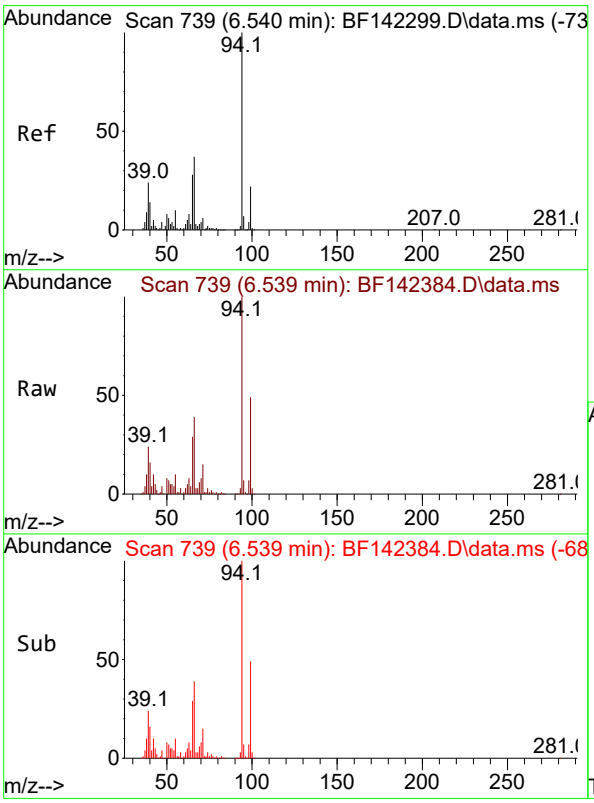
#9
Benzaldehyde
Concen: 37.477 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 264659

Ion	Ratio	Lower	Upper
77	100		
105	99.6	82.0	122.0
106	97.1	77.2	117.2

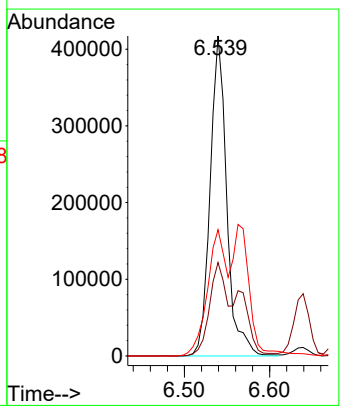


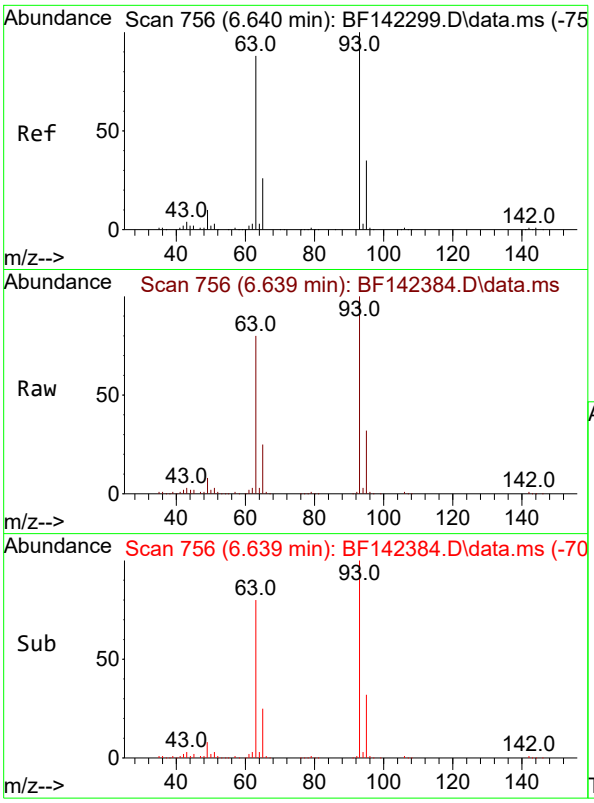


#10
Phenol
Concen: 44.171 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 94 Resp: 564949

Ion	Ratio	Lower	Upper
94	100		
65	29.2	8.5	48.5
66	39.5	17.3	57.3



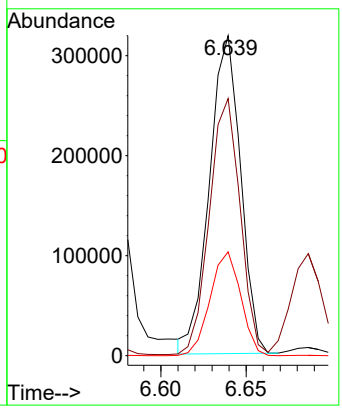


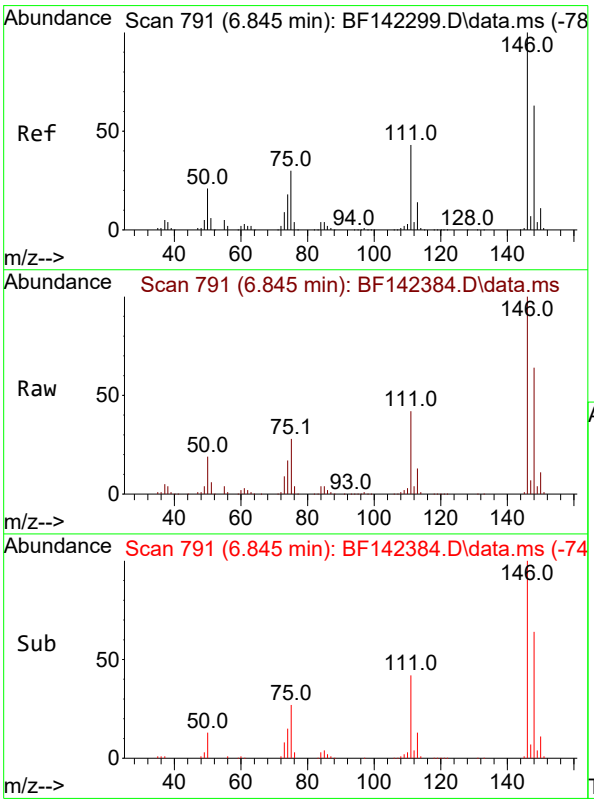
#11
bis(2-Chloroethyl)ether
Concen: 32.018 ng
RT: 6.639 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 403831

Ion	Ratio	Lower	Upper
93	100		
63	80.3	58.4	98.4
95	32.5	10.6	50.6

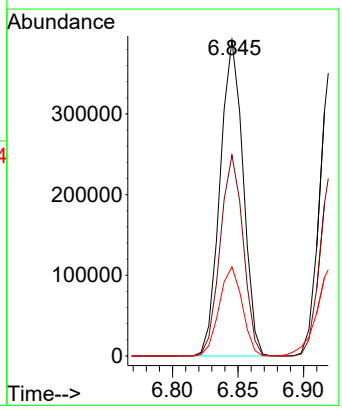


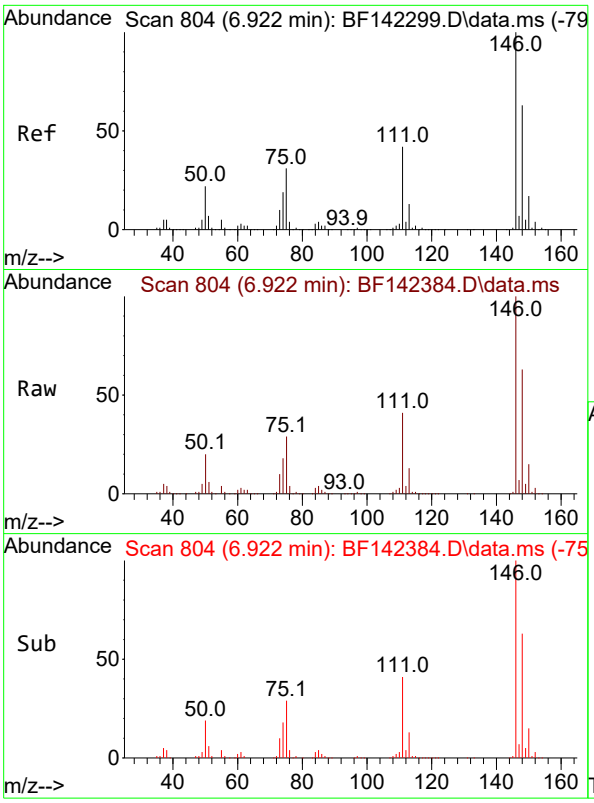


#12
1,3-Dichlorobenzene
Concen: 39.828 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:146 Resp: 477678

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
75	28.2	24.2	36.4



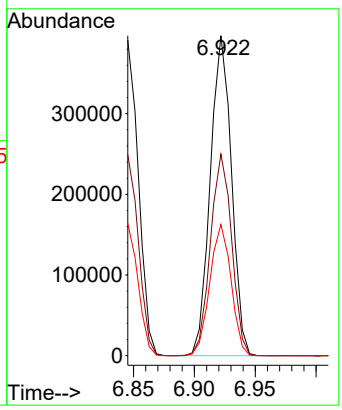


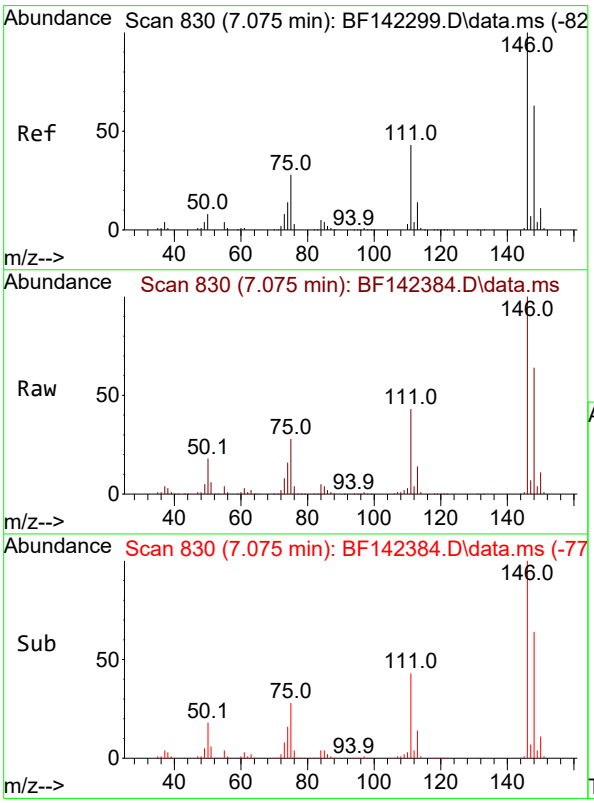
#13
1,4-Dichlorobenzene
Concen: 39.812 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 479424

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
111	41.0	33.4	50.2

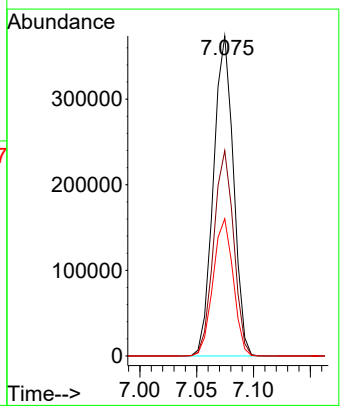


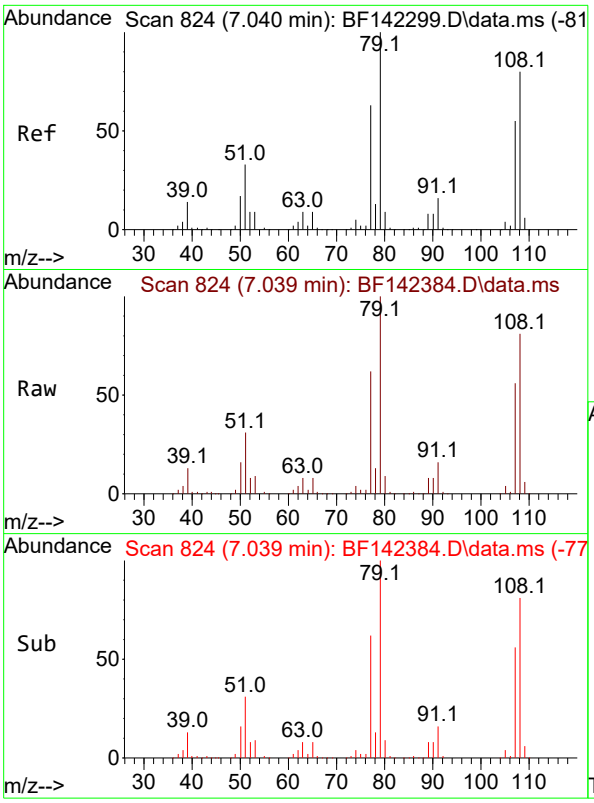


#14
1,2-Dichlorobenzene
Concen: 39.725 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:146 Resp: 459174

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	42.9	34.5	51.7



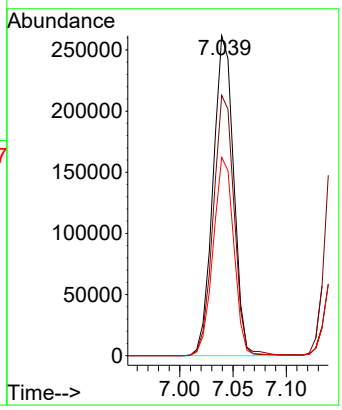


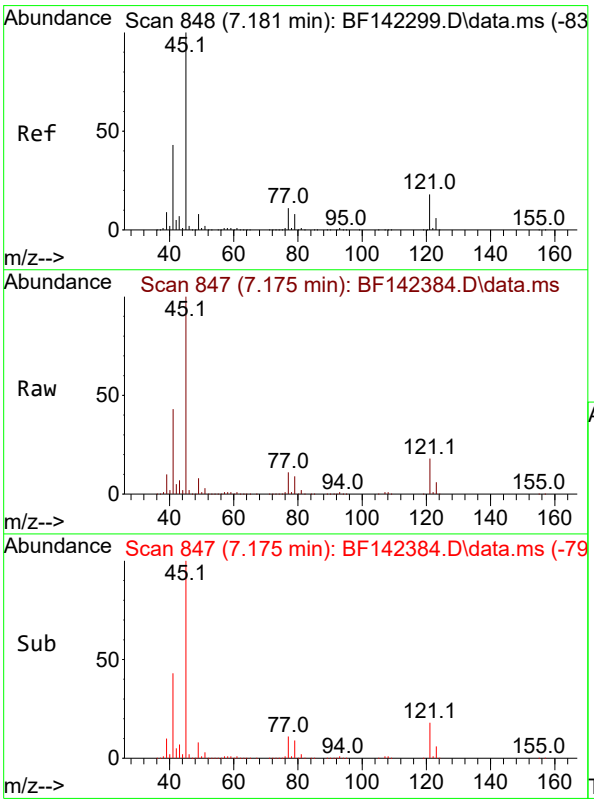
#15
Benzyl Alcohol
Concen: 44.898 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 350796

Ion	Ratio	Lower	Upper
79	100		
108	81.3	63.9	95.9
77	61.9	50.7	76.1

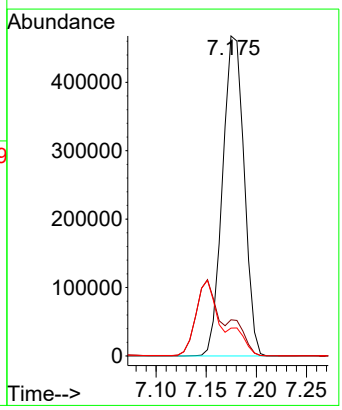


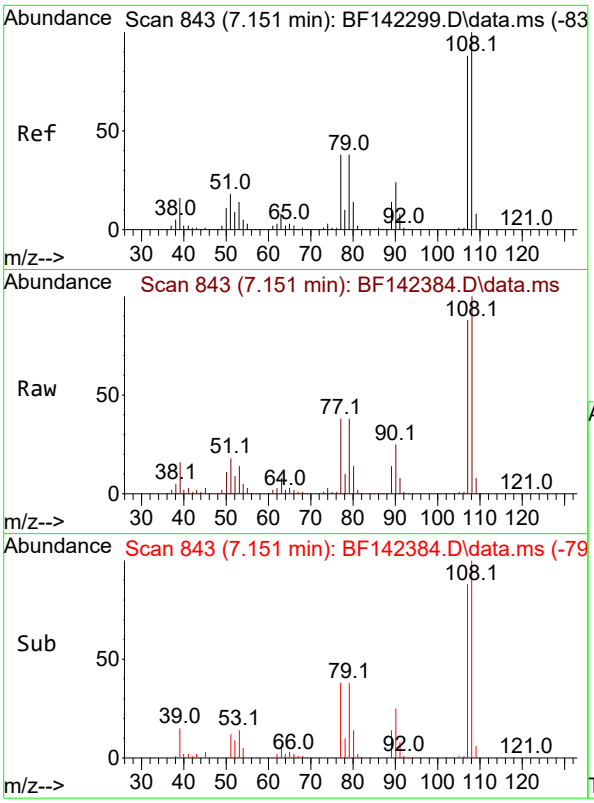


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.159 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 45 Resp: 699875

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.7	0.0	28.5



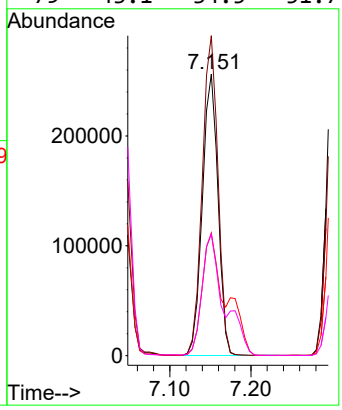


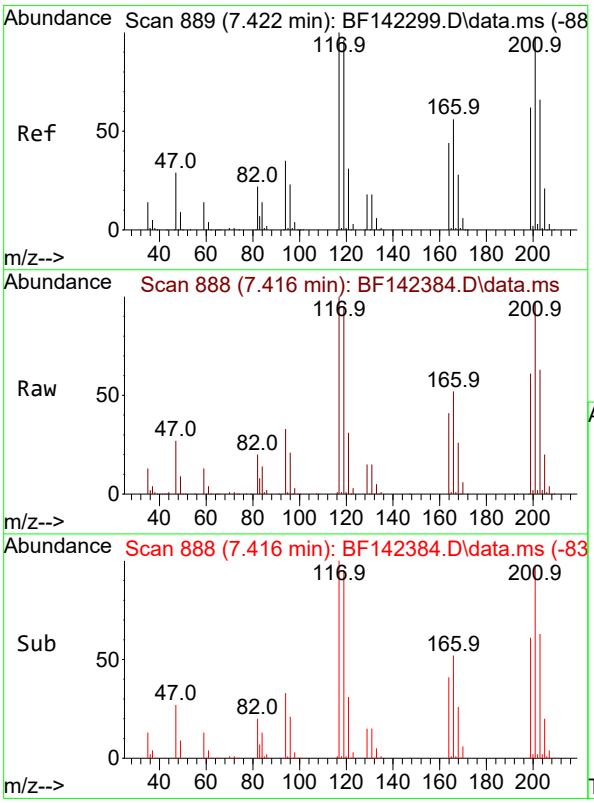
#17
2-Methylphenol
Concen: 40.240 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 341529

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.1	136.7
77	43.6	34.7	52.1
79	43.1	34.5	51.7

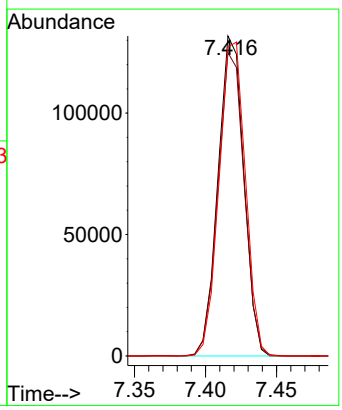


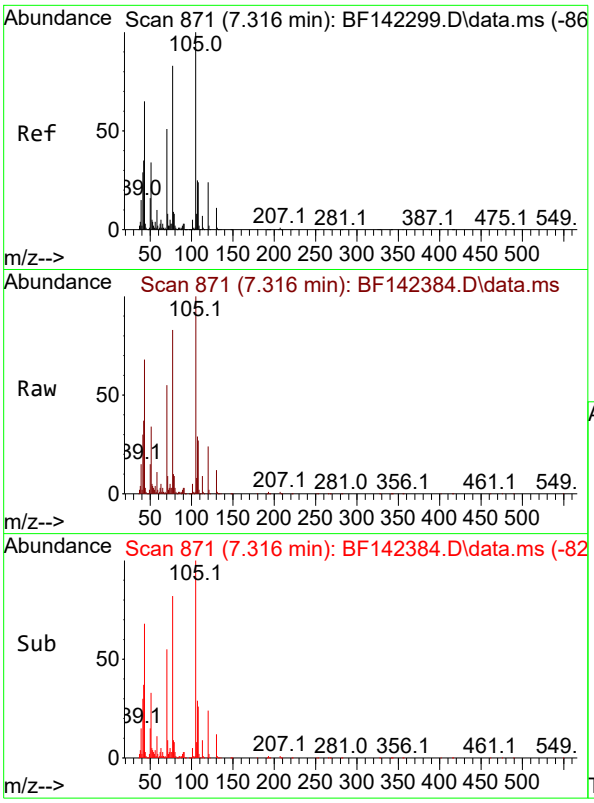


#18
Hexachloroethane
Concen: 41.602 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:117 Resp: 166684

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
201	96.6	78.0	117.0



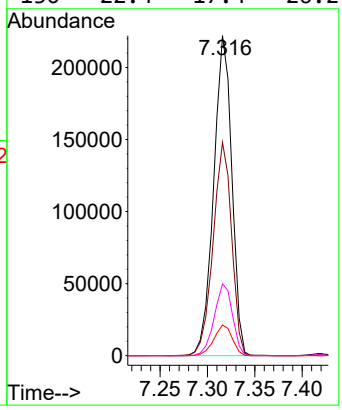


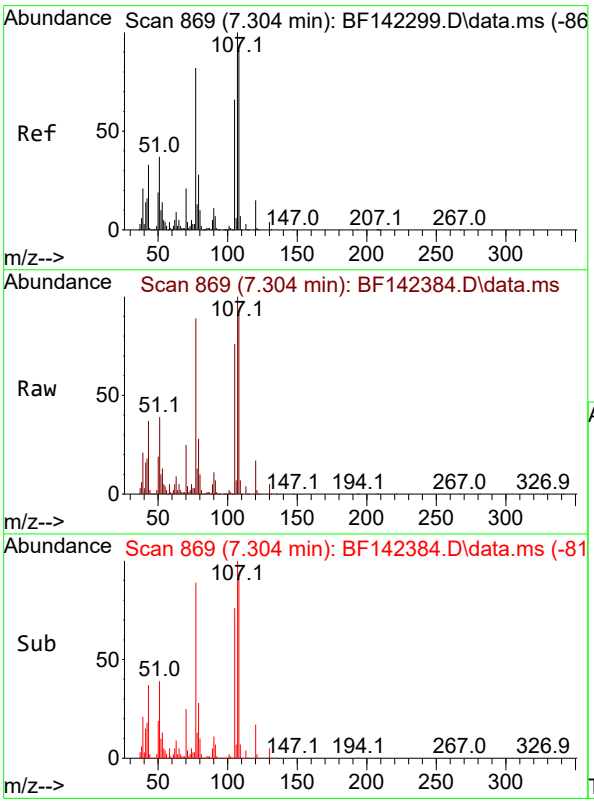
#19
n-Nitroso-di-n-propylamine
Concen: 39.827 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 297251

Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.8	82.2
101	9.6	7.7	11.5
130	22.4	17.4	26.2

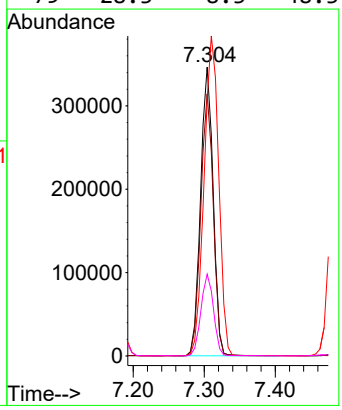


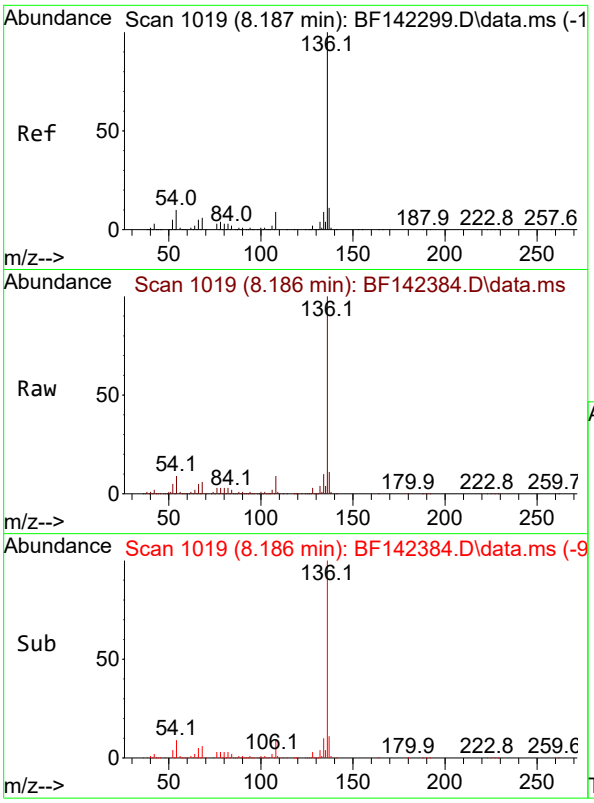


#20
3+4-Methylphenols
Concen: 40.498 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:107 Resp: 428978

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.5	111.5
77	88.9	61.6	101.6
79	28.3	8.3	48.3



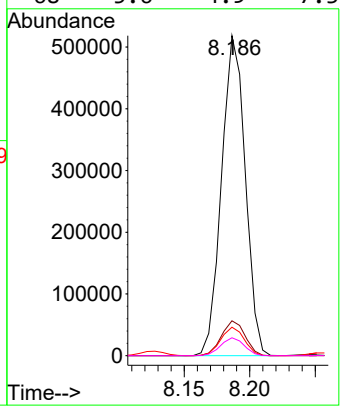


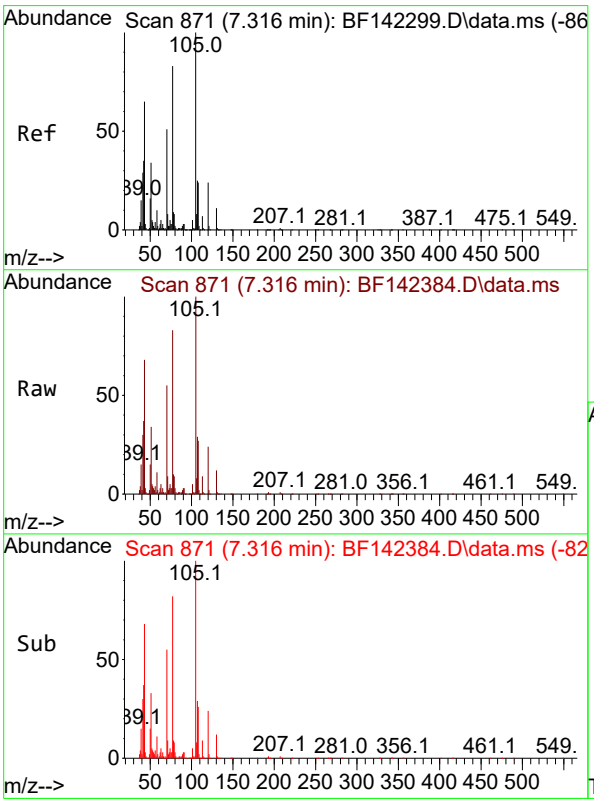
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 652293

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.6	4.9	7.3

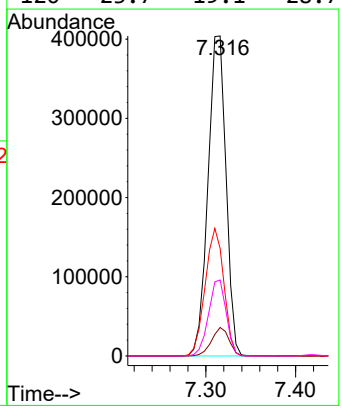


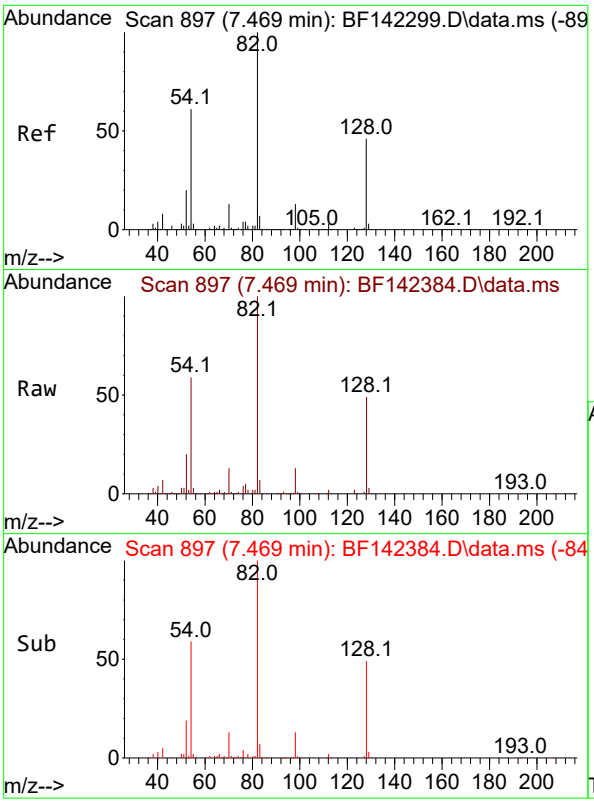


#22
Acetophenone
Concen: 38.876 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:105 Resp: 563832

Ion	Ratio	Lower	Upper
105	100		
71	8.9	6.7	10.1
51	33.7	27.6	41.4
120	23.7	19.1	28.7



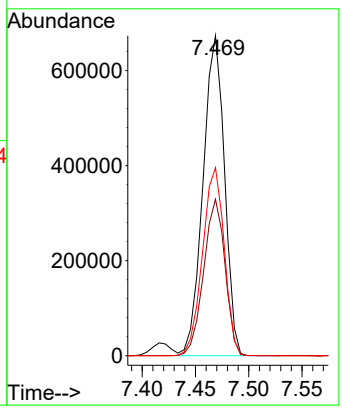


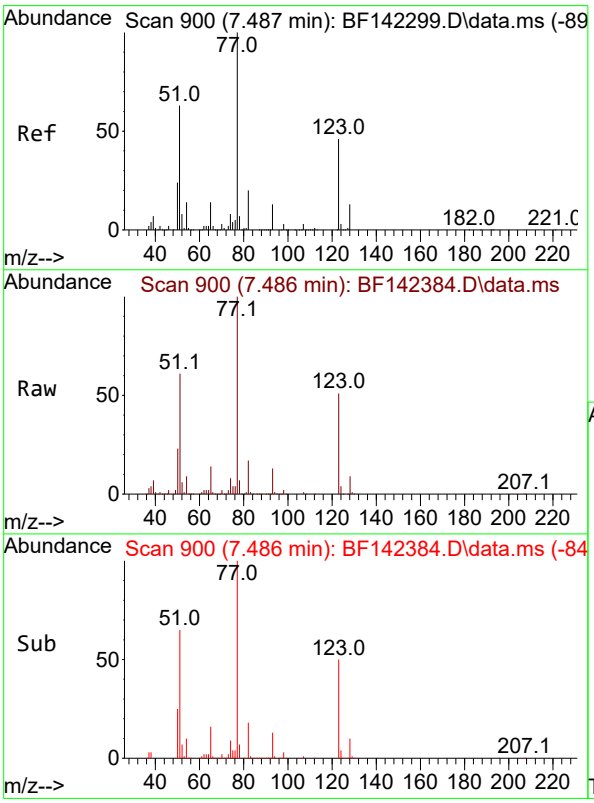
#23
Nitrobenzene-d5
Concen: 88.437 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 945883

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.0	55.6
54	58.8	48.6	73.0

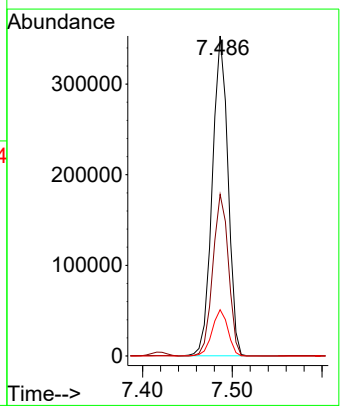


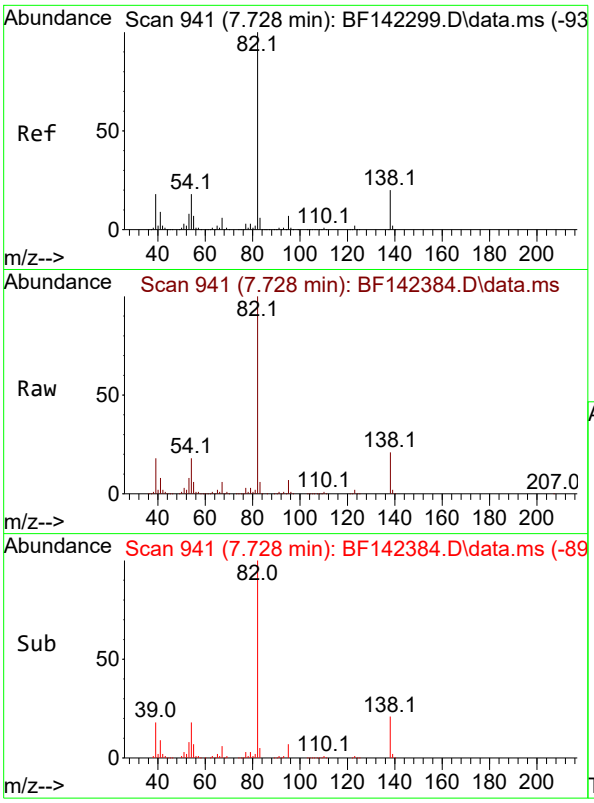


#24
Nitrobenzene
Concen: 42.519 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 77 Resp: 428681

Ion	Ratio	Lower	Upper
77	100		
123	50.5	37.8	56.8
65	14.4	11.4	17.0



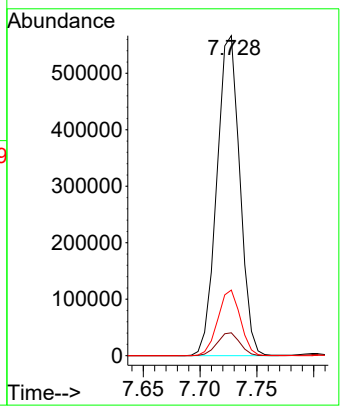


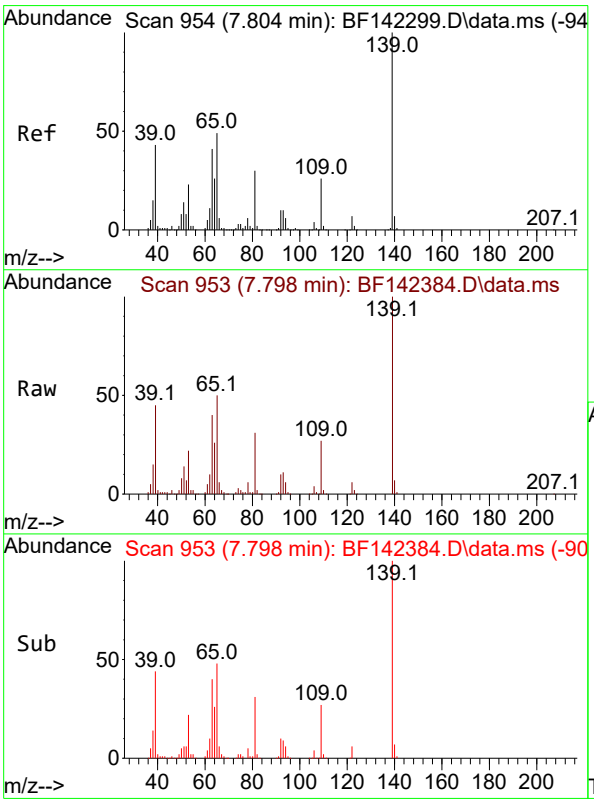
#25
Isophorone
Concen: 39.386 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 797707

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	20.5	16.1	24.1

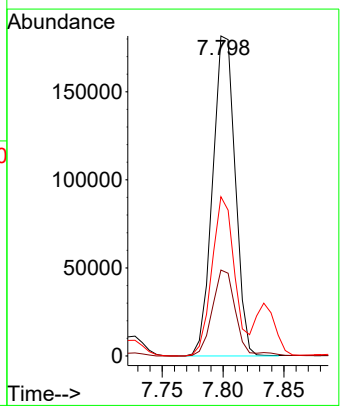


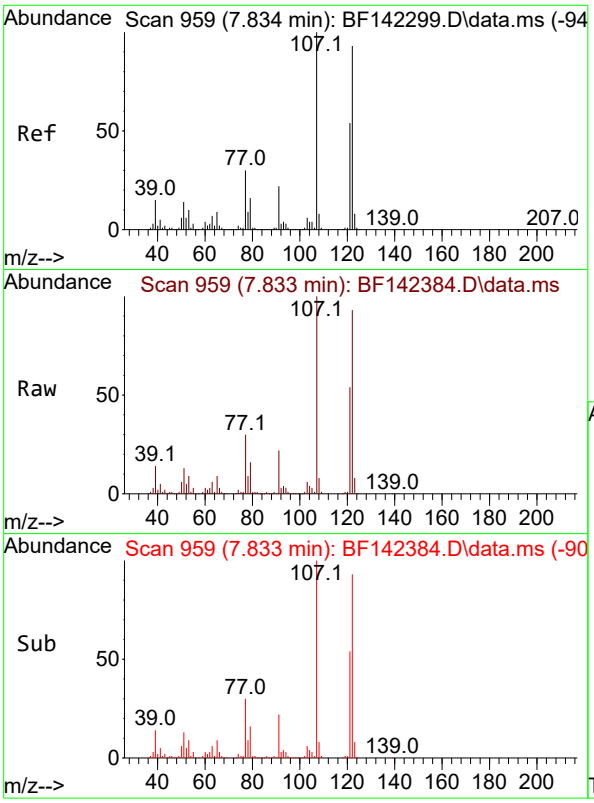


#26
2-Nitrophenol
Concen: 48.180 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:139 Resp: 234213

Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.8	31.2
65	49.7	38.9	58.3



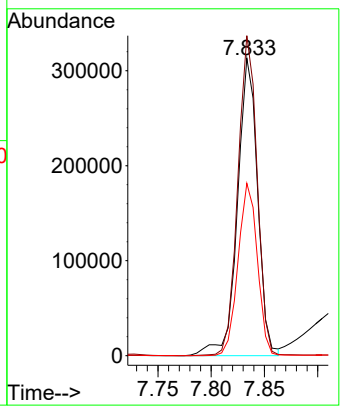


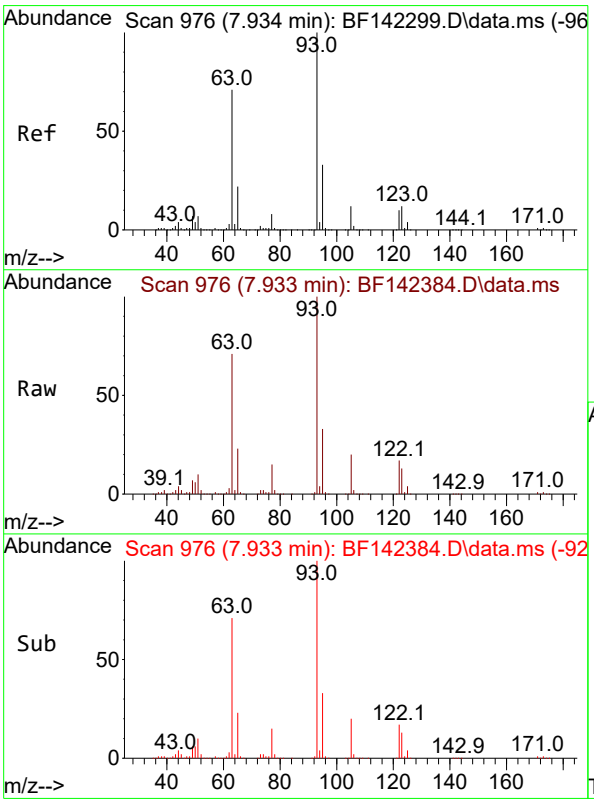
#27
2,4-Dimethylphenol
Concen: 40.579 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 413214

Ion	Ratio	Lower	Upper
122	100		
107	107.6	86.0	129.0
121	58.0	46.2	69.4

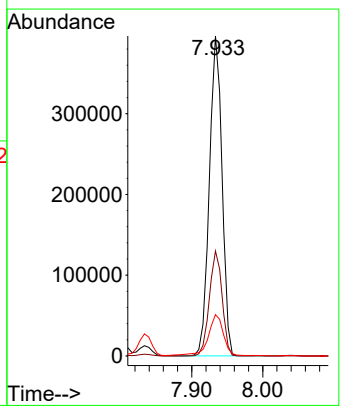


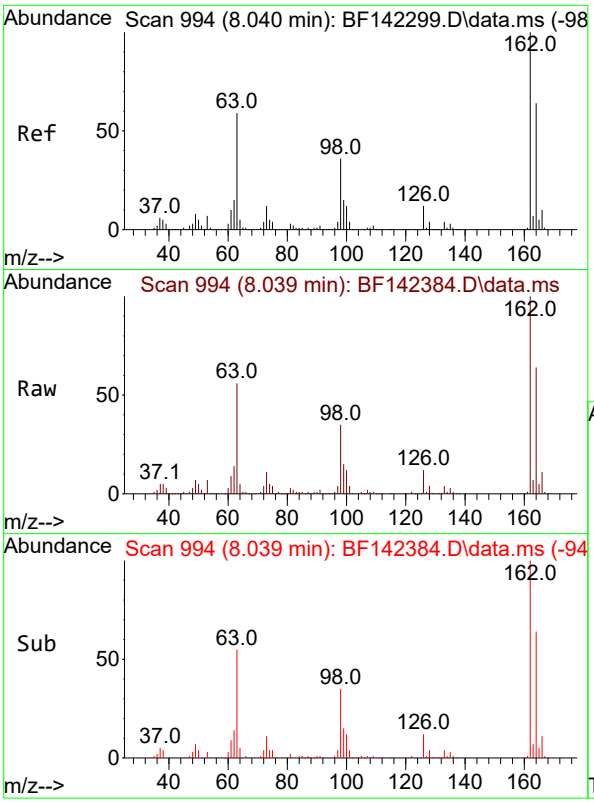


#28
bis(2-Chloroethoxy)methane
Concen: 37.765 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 93 Resp: 491833

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	12.9	10.2	15.4



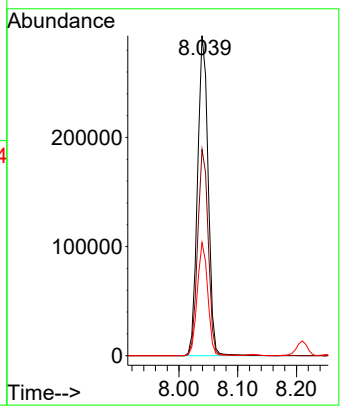


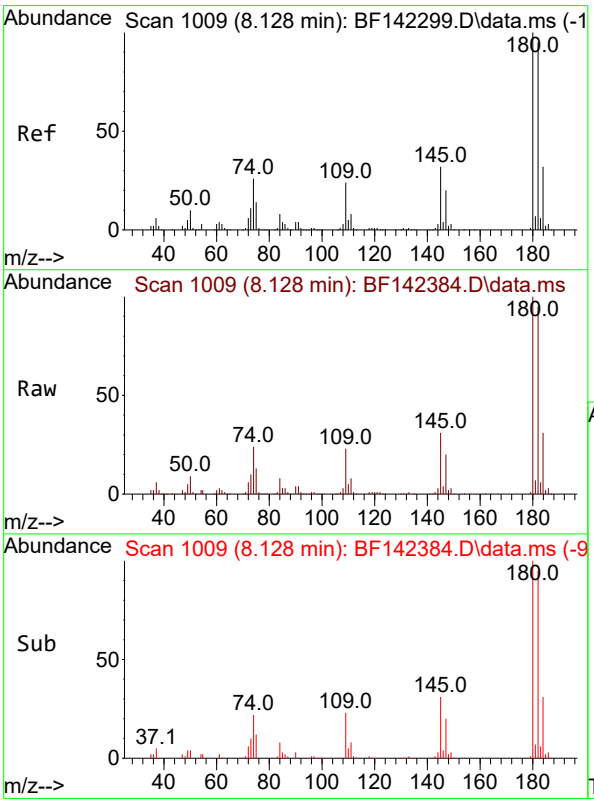
#29
2,4-Dichlorophenol
Concen: 42.484 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 367794

Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.6	83.6
98	35.3	16.5	56.5

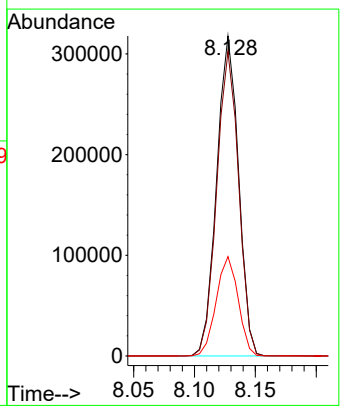


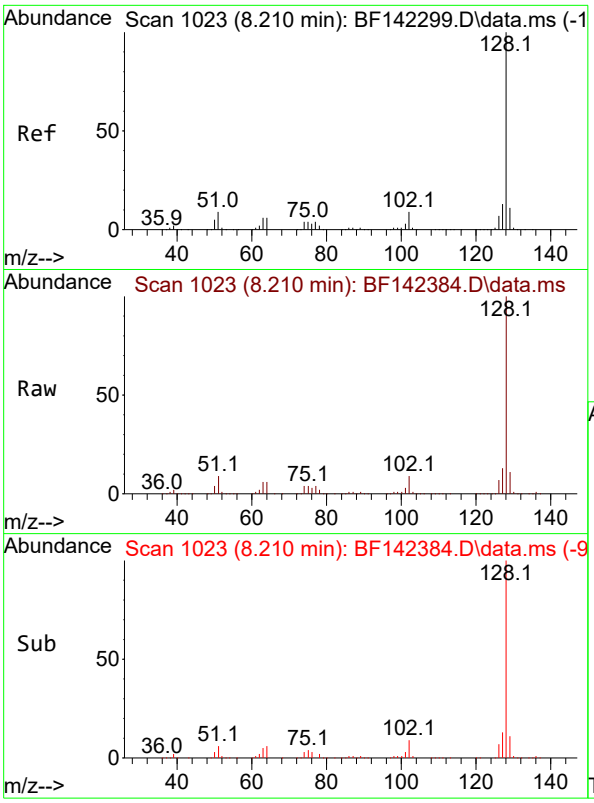


#30
1,2,4-Trichlorobenzene
Concen: 40.845 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:180 Resp: 397960

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.4
145	31.1	25.8	38.6



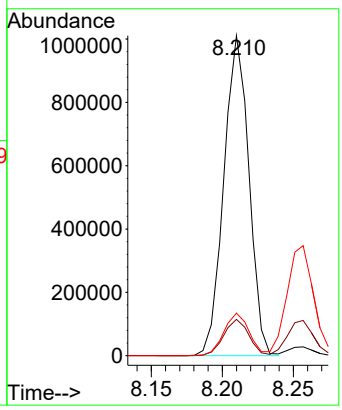


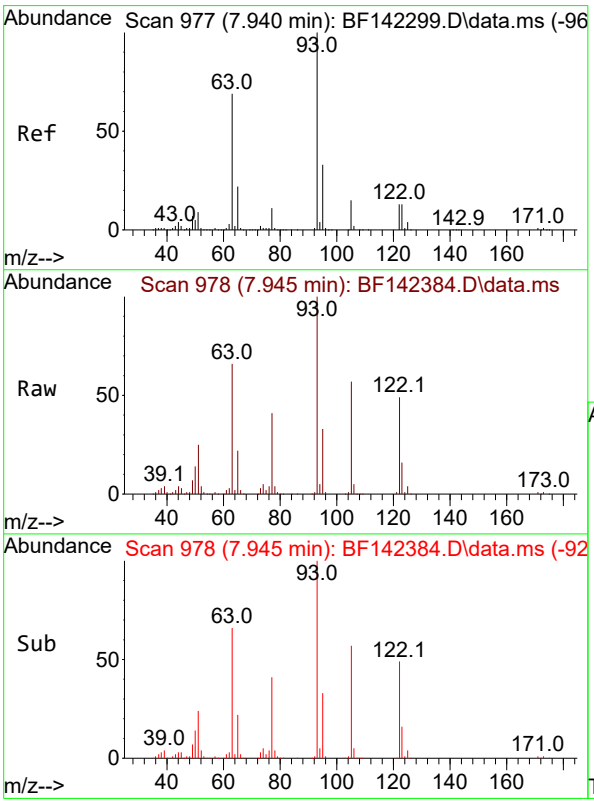
#31
Naphthalene
Concen: 39.273 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1241567

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.5	15.7

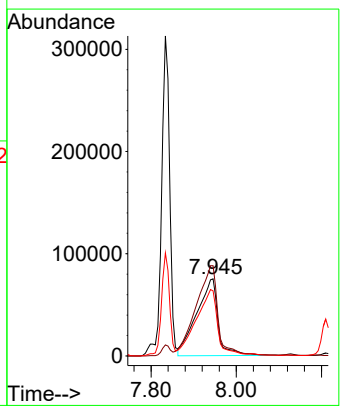


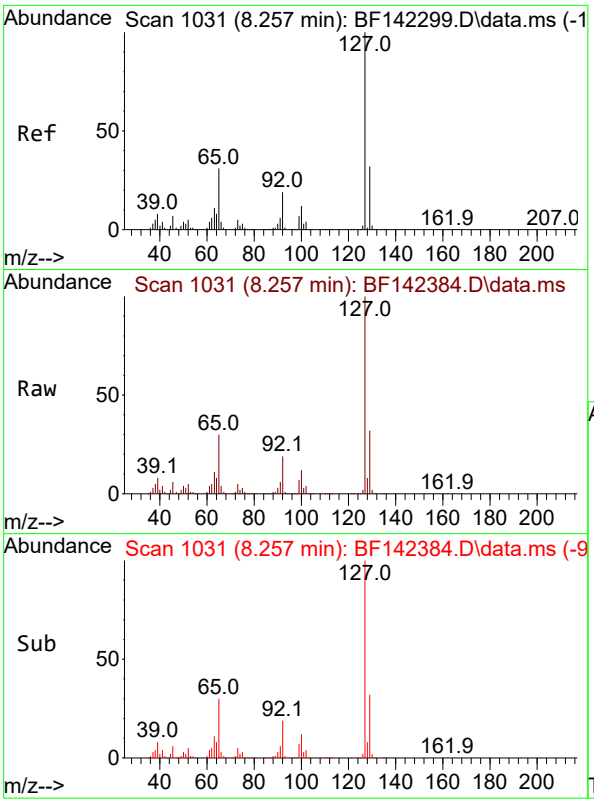


#32
Benzoic acid
Concen: 48.080 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:122 Resp: 262715

Ion	Ratio	Lower	Upper
122	100		
105	117.0	97.9	137.9
77	84.4	67.7	107.7



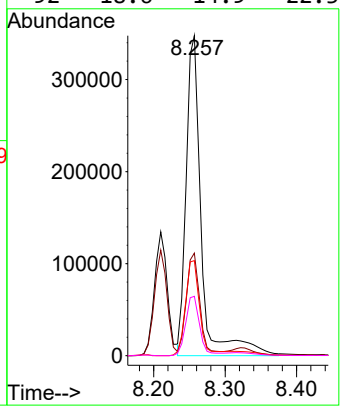


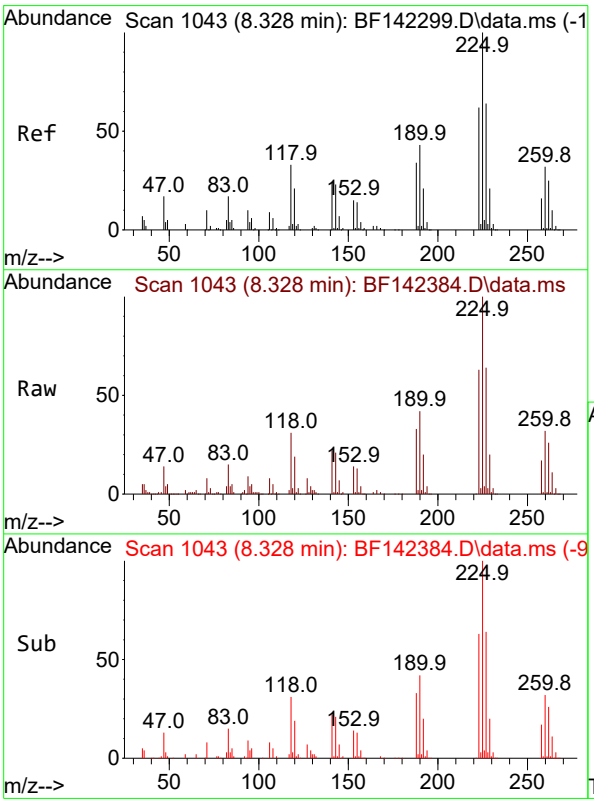
#33
4-Chloroaniline
Concen: 39.930 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 515092

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	29.7	24.9	37.3
92	18.6	14.9	22.3

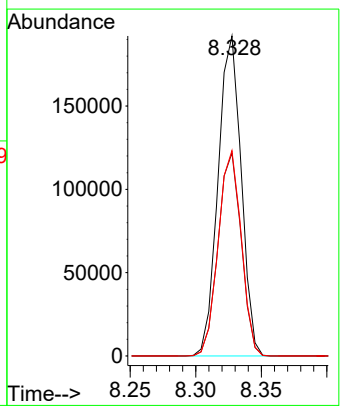


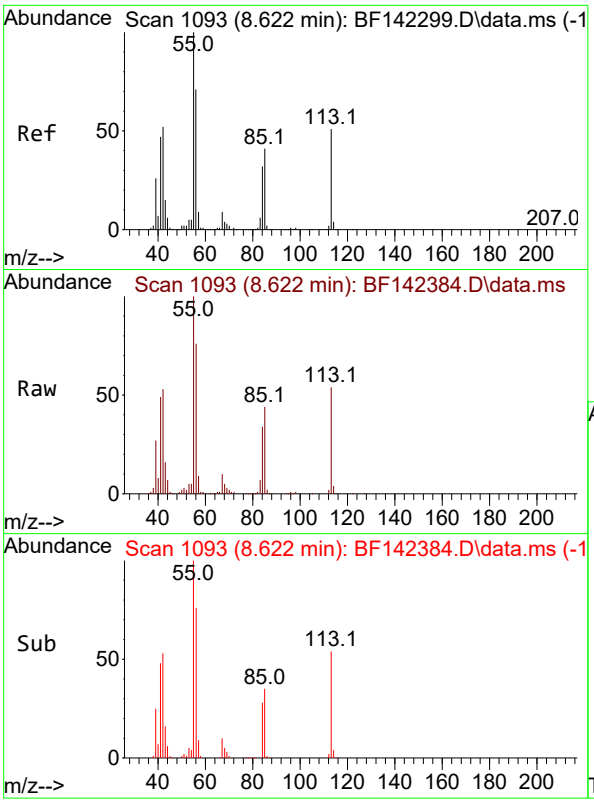


#34
Hexachlorobutadiene
Concen: 40.762 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:225 Resp: 235169

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	64.2	50.9	76.3



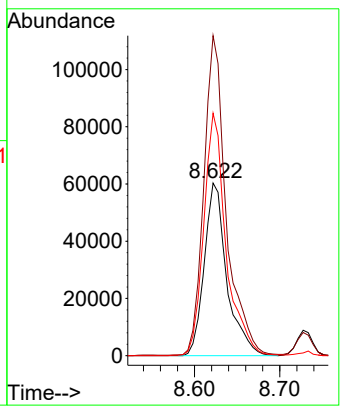


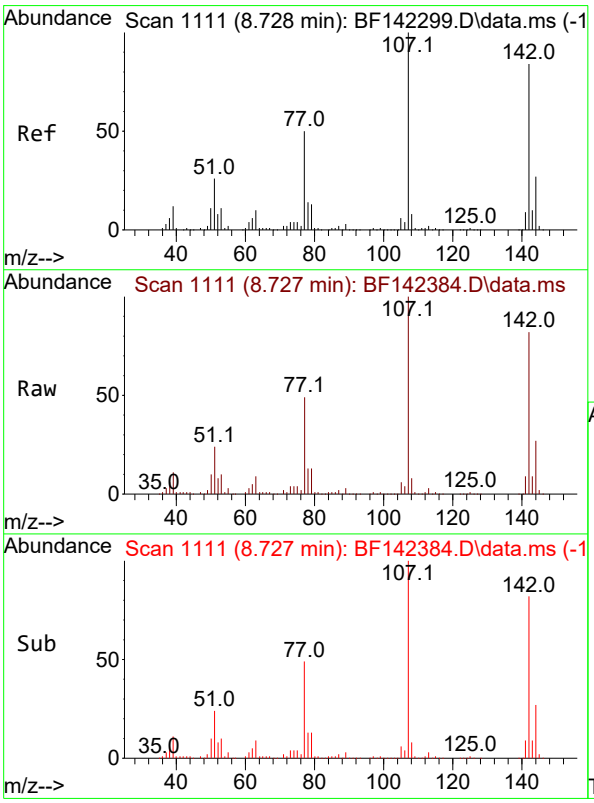
#35
Caprolactam
Concen: 43.955 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 110904

Ion	Ratio	Lower	Upper
113	100		
55	185.4	176.4	216.4
56	140.4	120.3	160.3

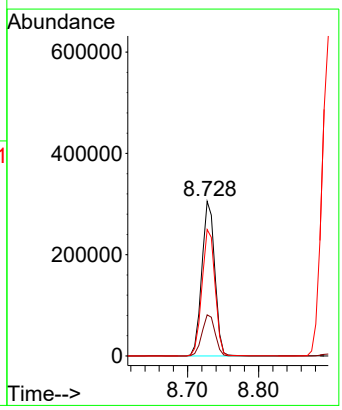


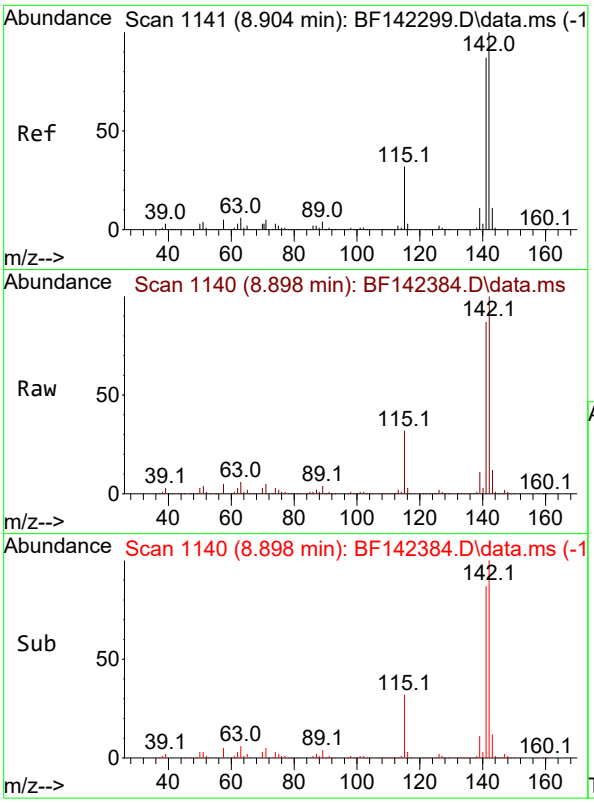


#36
4-Chloro-3-methylphenol
Concen: 43.207 ng
RT: 8.727 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:107 Resp: 388839

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	81.8	66.9	100.3



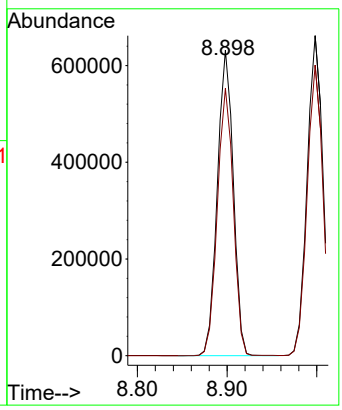


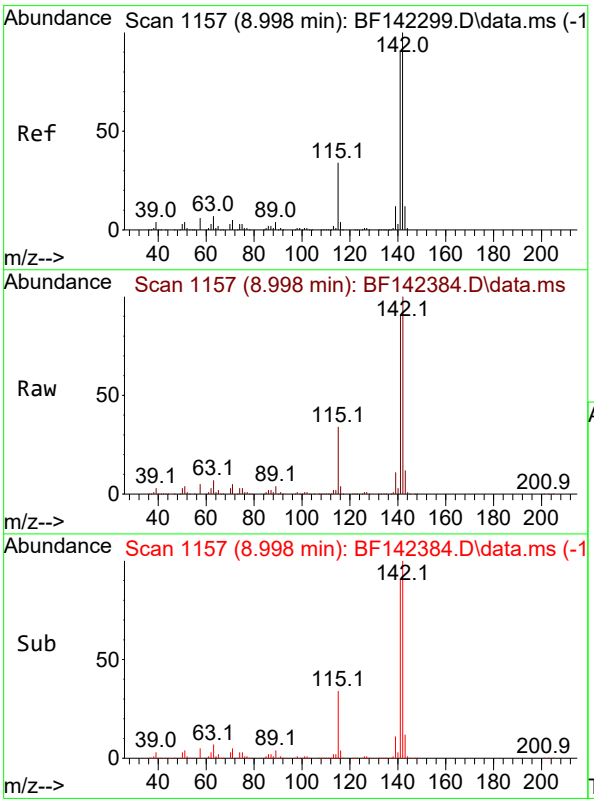
#37
2-Methylnaphthalene
Concen: 39.695 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 779778

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.4	104.2

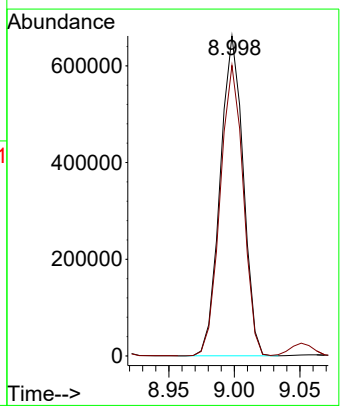


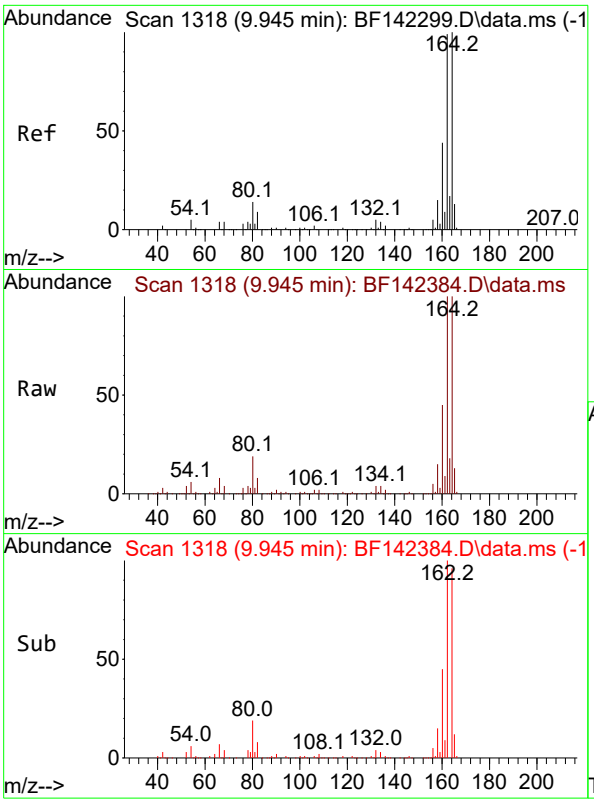


#38
1-Methylnaphthalene
Concen: 39.461 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:142 Resp: 807941

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7



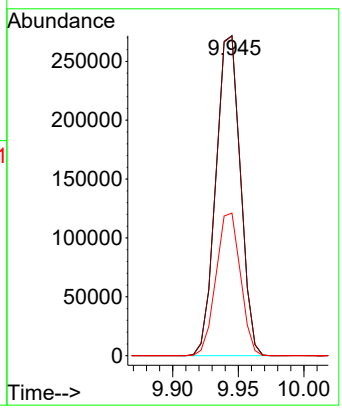


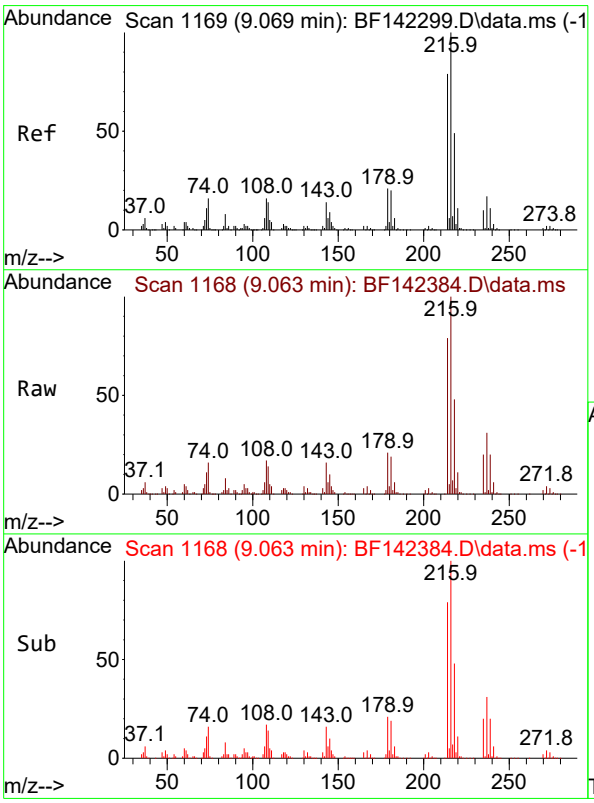
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 352544

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	44.6	35.3	52.9

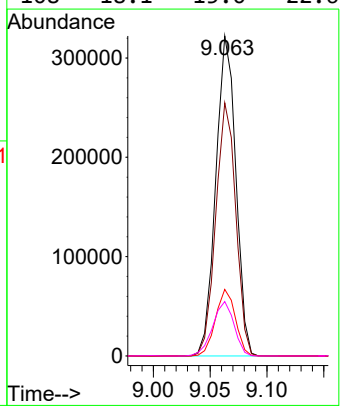


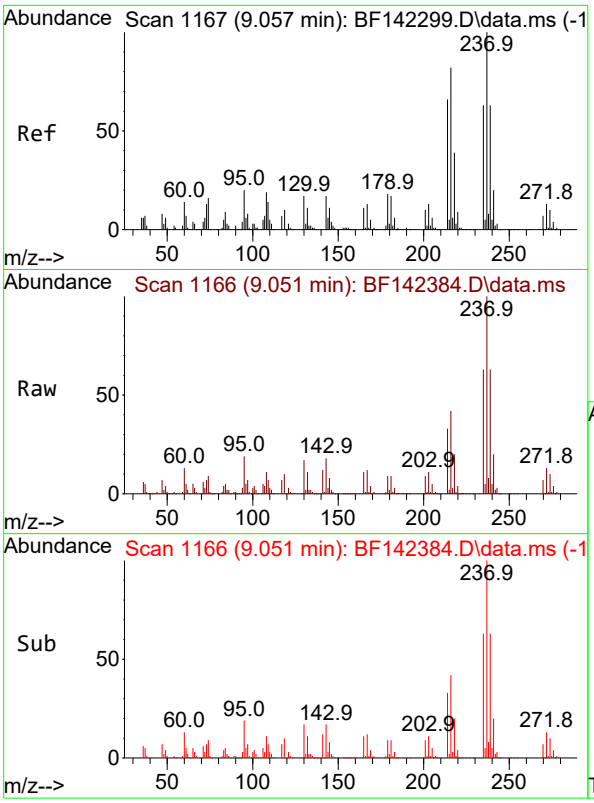


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.244 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:216 Resp: 396248

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	20.6	17.0	25.6
108	18.1	15.0	22.6



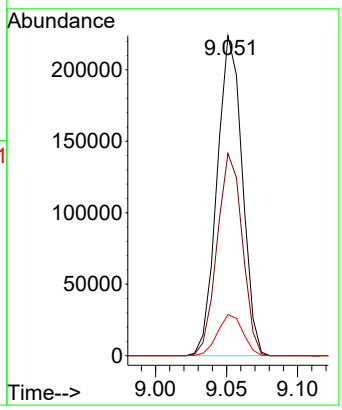


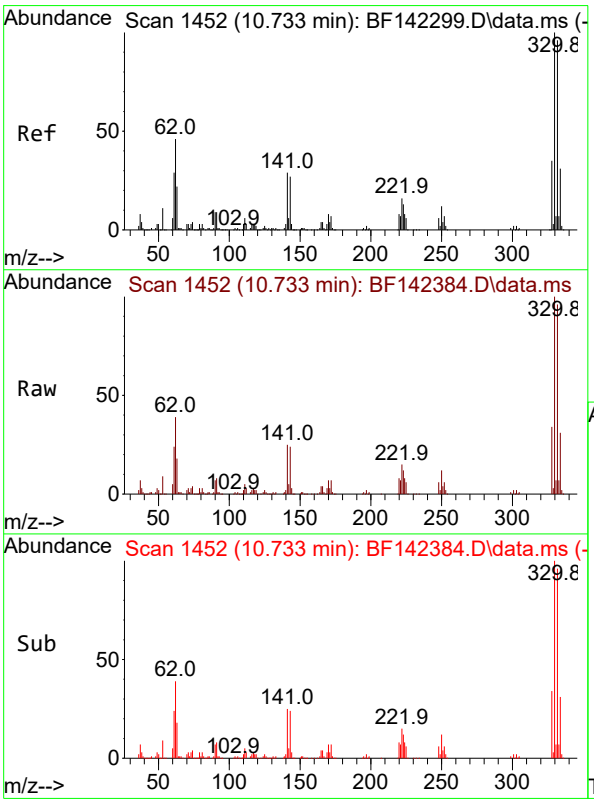
#41
Hexachlorocyclopentadiene
Concen: 45.288 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 275586

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.8	82.8
272	12.9	0.0	33.0

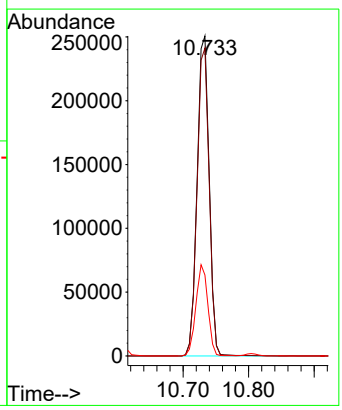


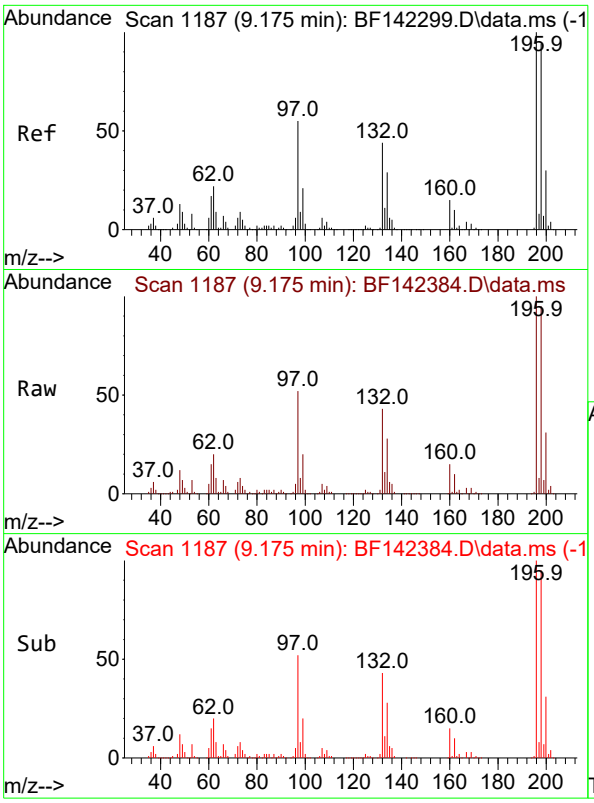


#42
2,4,6-Tribromophenol
Concen: 94.468 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:330 Resp: 321545

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	28.3	24.9	37.3



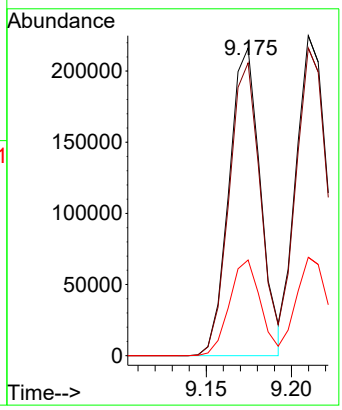


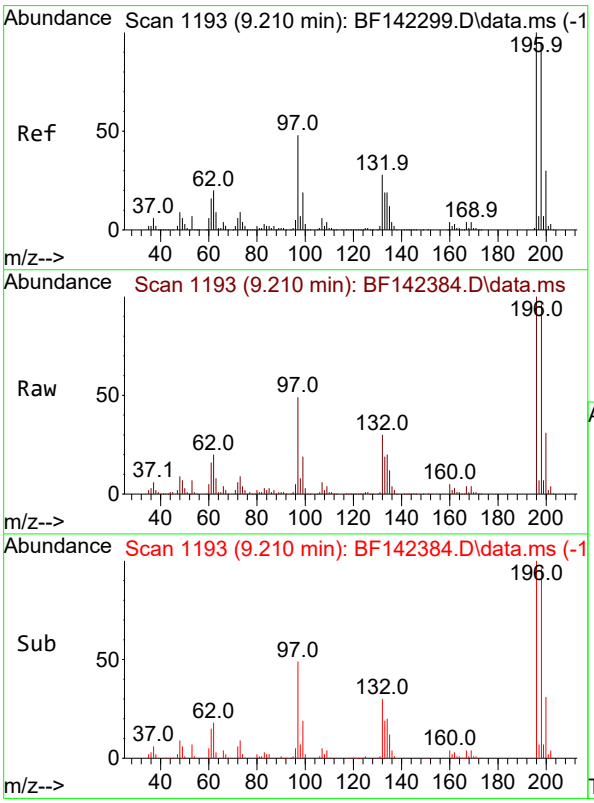
#43
2,4,6-Trichlorophenol
Concen: 44.660 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 277366

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	31.1	24.3	36.5

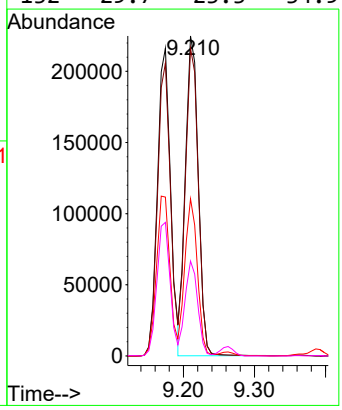


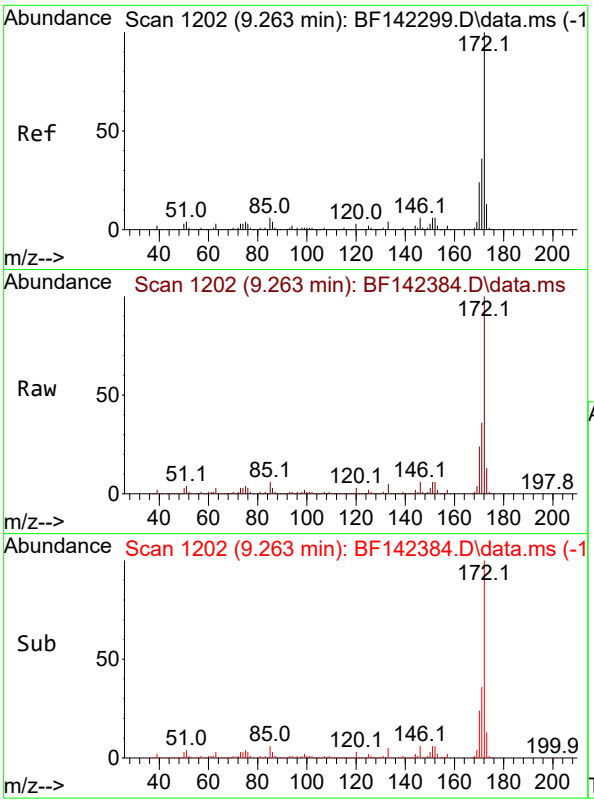


#44
2,4,5-Trichlorophenol
Concen: 43.069 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:196 Resp: 284606

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.1	114.1
97	49.1	39.0	58.4
132	29.7	23.3	34.9



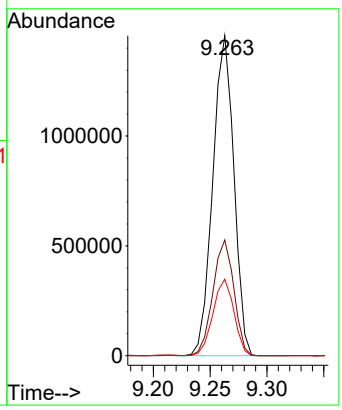


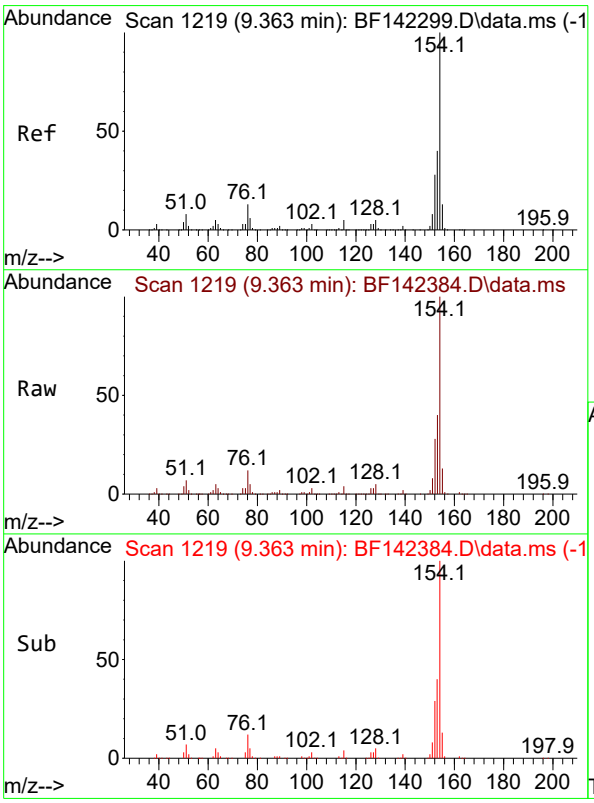
#45
2-Fluorobiphenyl
Concen: 76.057 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1880482

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.9	19.0	28.4

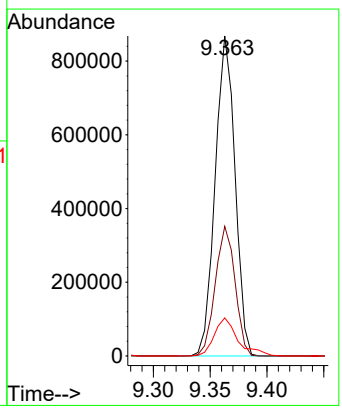


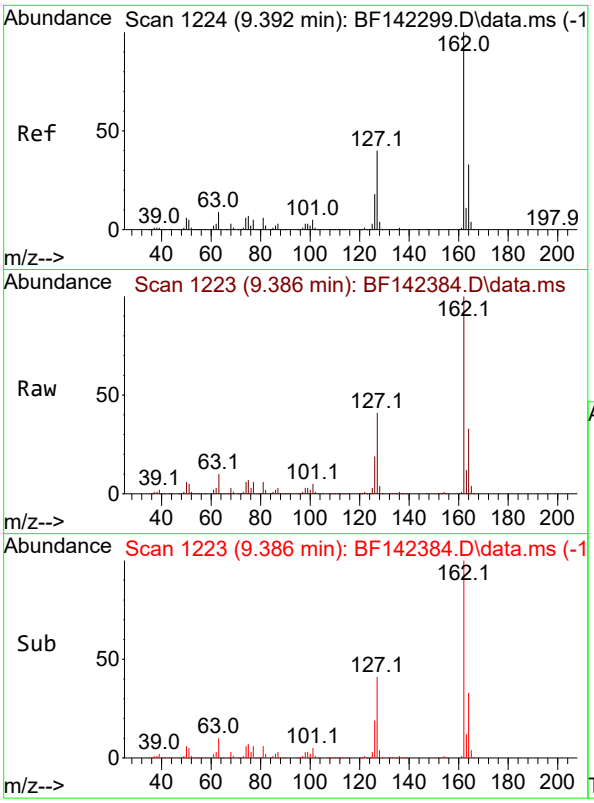


#46
1,1'-Biphenyl
Concen: 39.019 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:154 Resp: 1054716

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	11.9	0.0	32.8



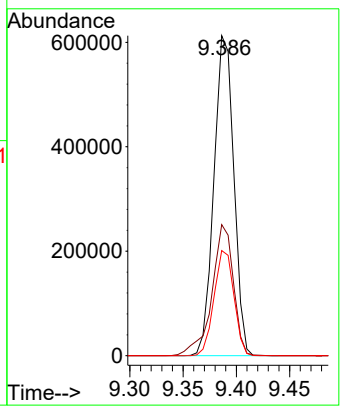


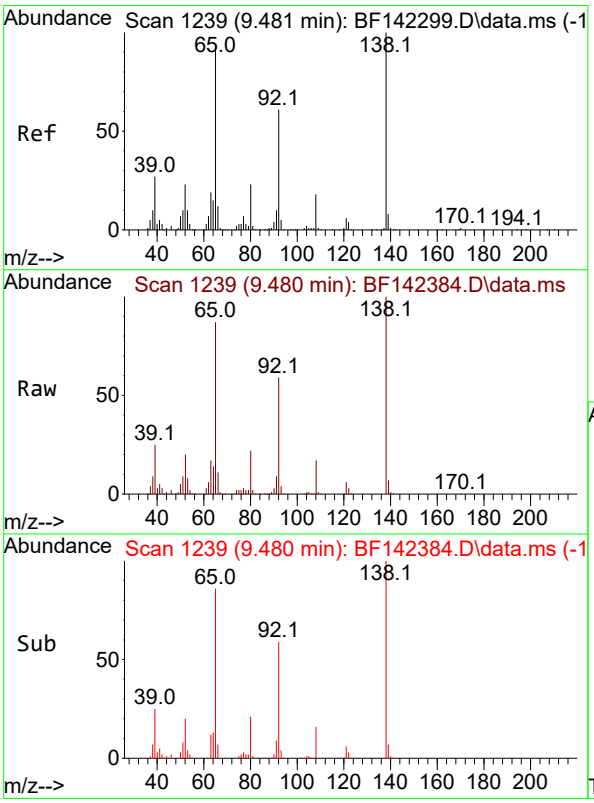
#47
2-Chloronaphthalene
Concen: 39.480 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 793640

Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.3	48.5
164	32.9	26.6	40.0

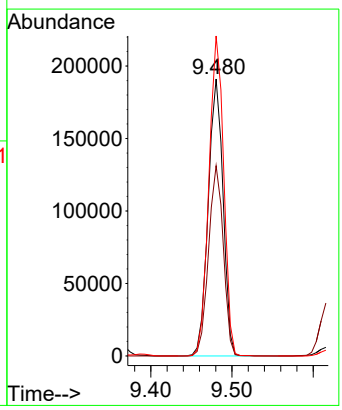


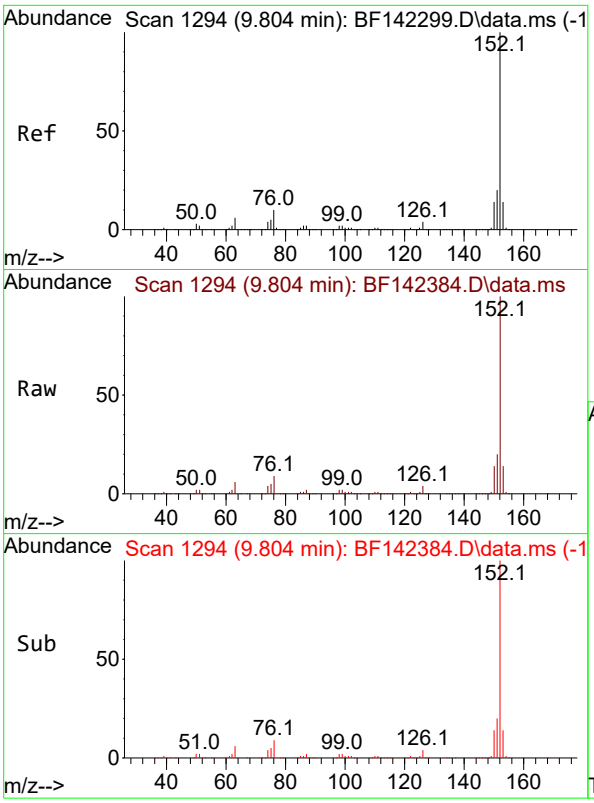


#48
2-Nitroaniline
Concen: 46.970 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 65 Resp: 242020

Ion	Ratio	Lower	Upper
65	100		
92	68.7	52.3	78.5
138	115.5	85.6	128.4



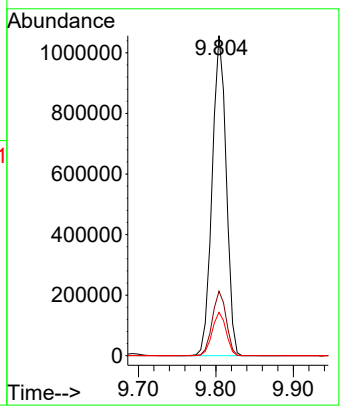


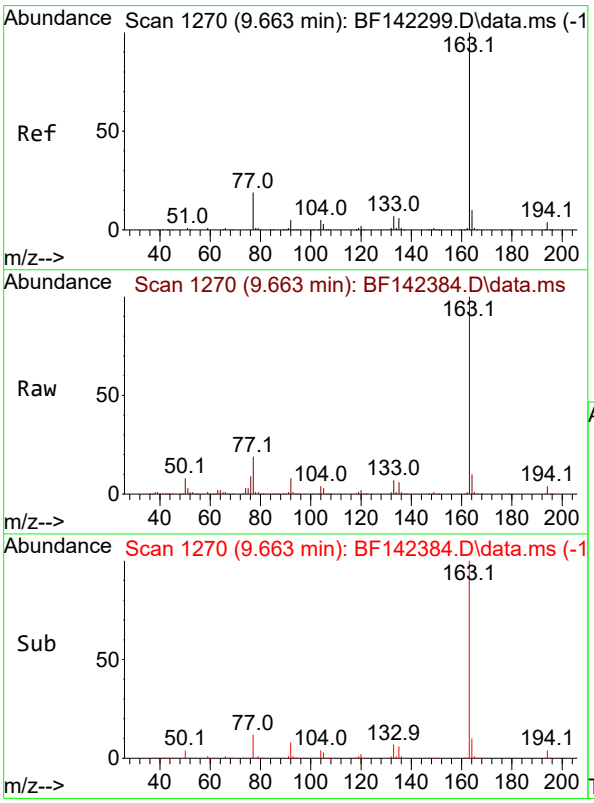
#49
Acenaphthylene
Concen: 39.556 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1330203

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.5	10.8	16.2

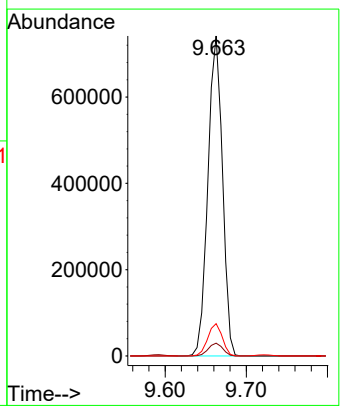


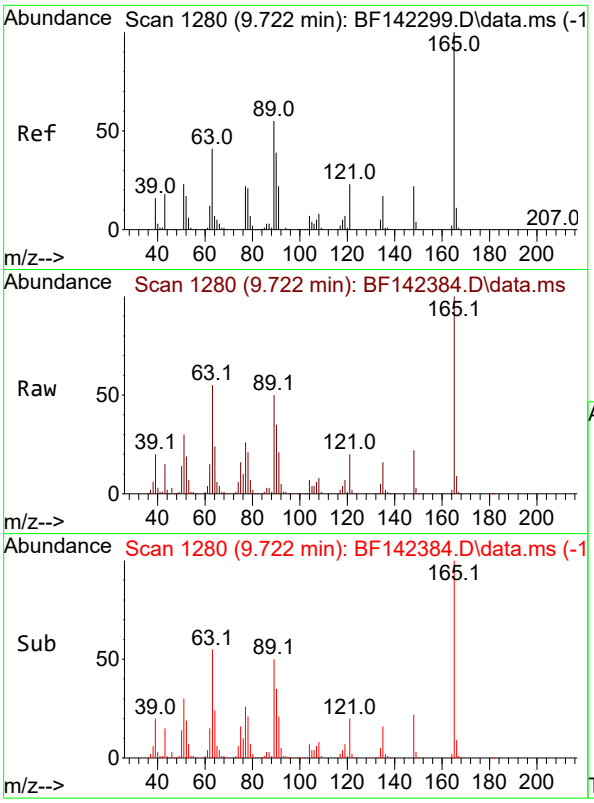


#50
Dimethylphthalate
Concen: 40.641 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:163 Resp: 920024

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.3	12.5



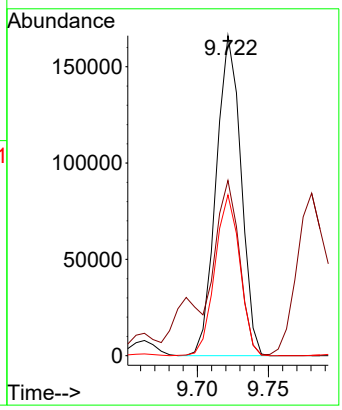


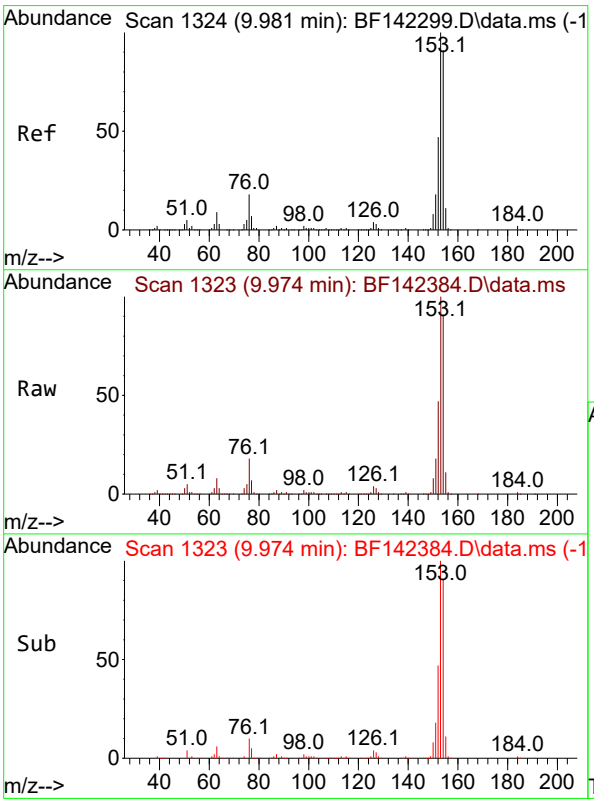
#51
2,6-Dinitrotoluene
Concen: 47.782 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 202470

Ion	Ratio	Lower	Upper
165	100		
63	54.8	49.5	74.3
89	50.3	44.6	66.8

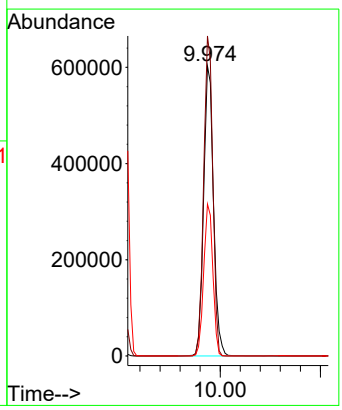


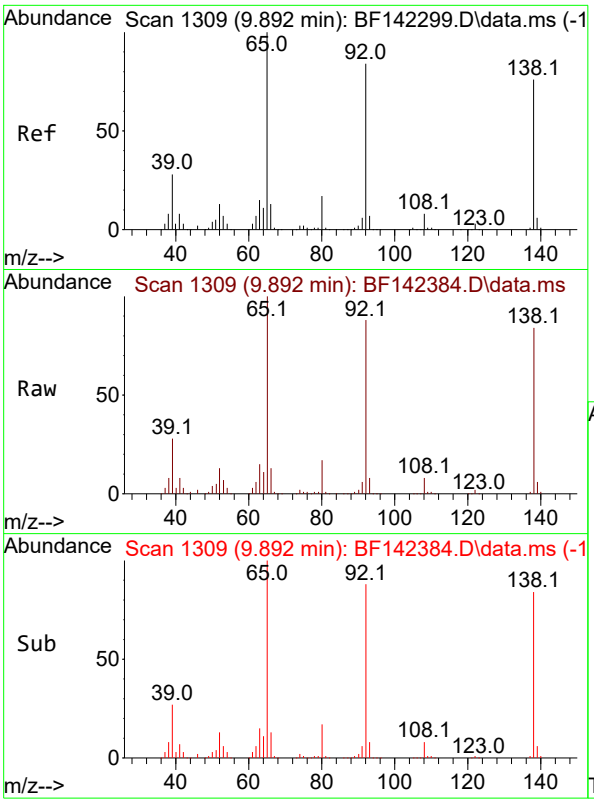


#52
Acenaphthene
Concen: 40.709 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:154 Resp: 823139

Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.0	132.0
152	52.4	41.6	62.4



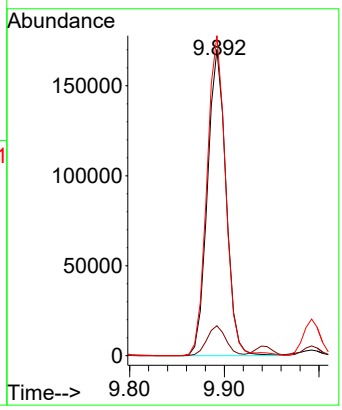


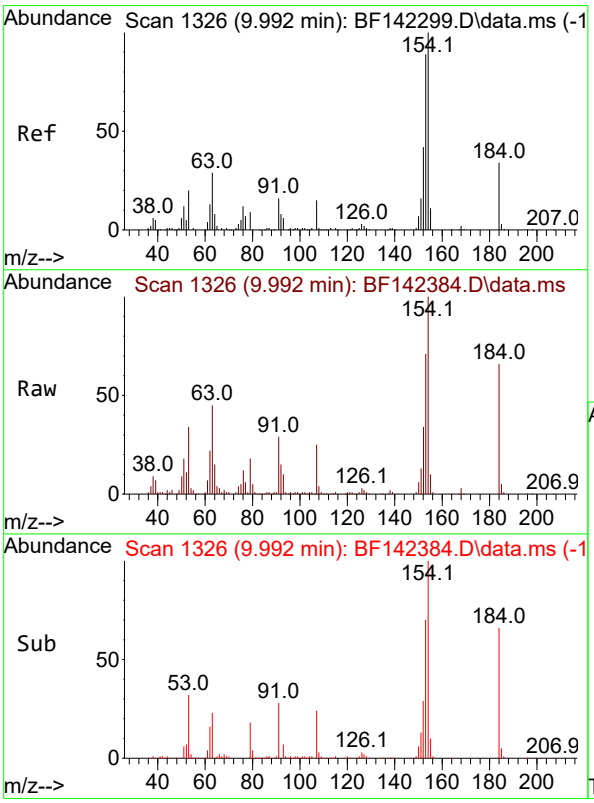
#53
3-Nitroaniline
Concen: 46.586 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 231519

Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.7	13.1
92	104.5	89.5	134.3

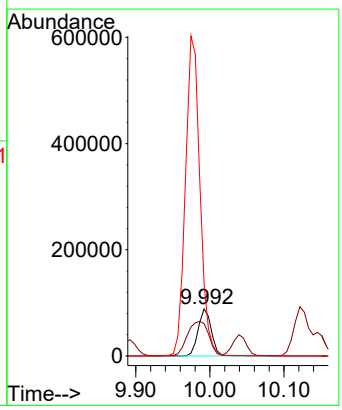


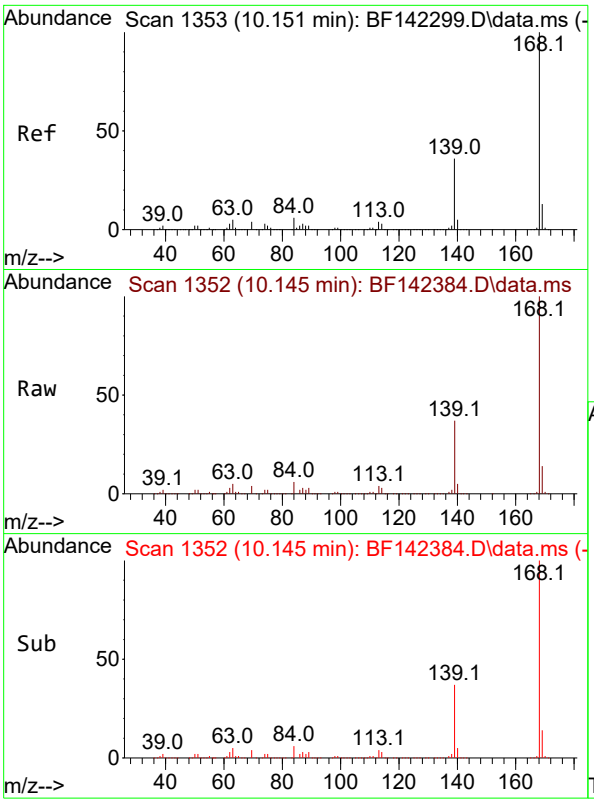


#54
2,4-Dinitrophenol
Concen: 52.287 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:184 Resp: 109406

Ion	Ratio	Lower	Upper
184	100		
63	68.7	70.6	105.8#
154	152.4	257.2	385.8#



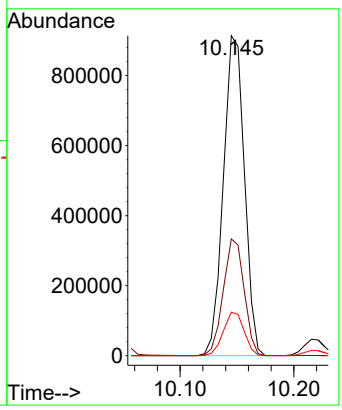


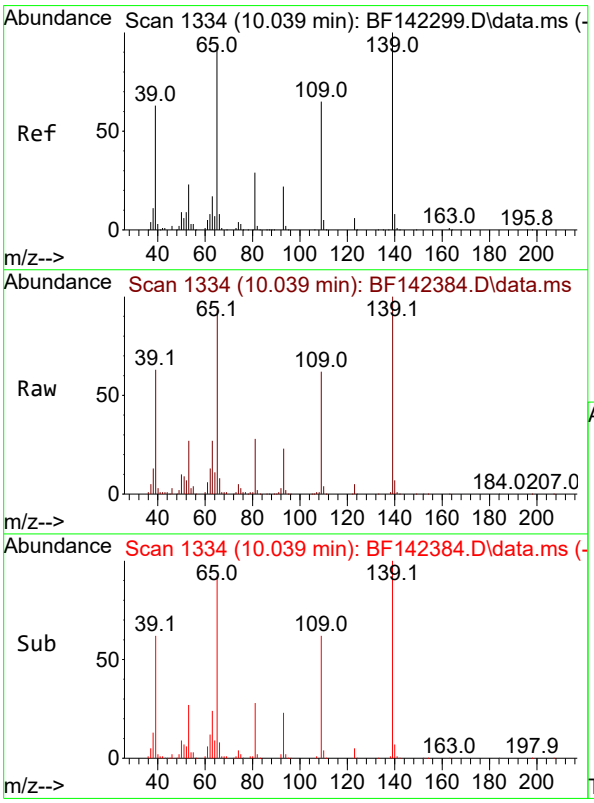
#55
Dibenzofuran
Concen: 39.460 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1177533

Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.0	43.4
169	13.6	10.7	16.1

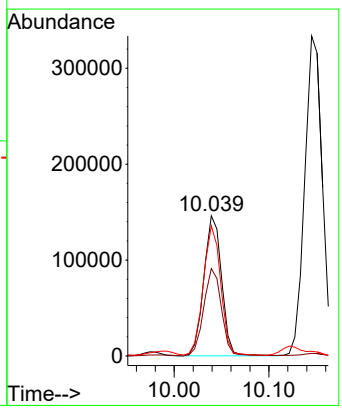


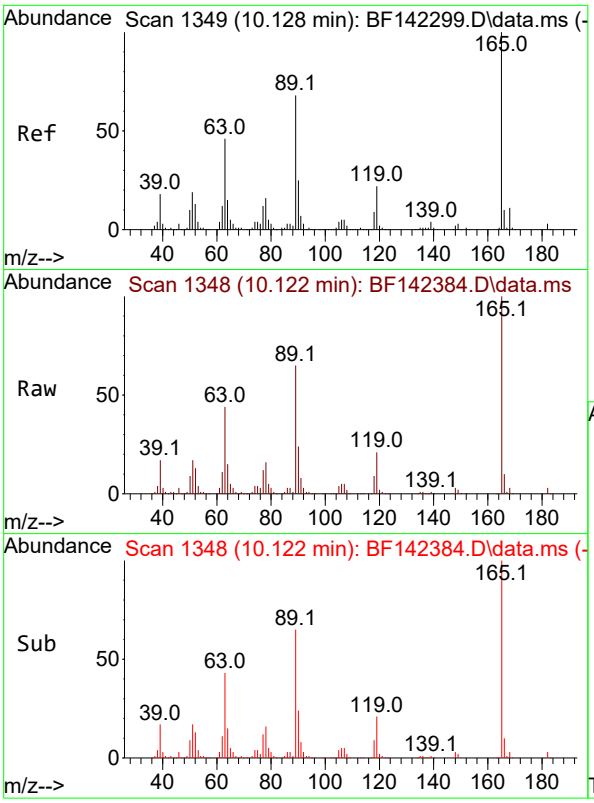


#56
4-Nitrophenol
Concen: 50.863 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:139 Resp: 190242

Ion	Ratio	Lower	Upper
139	100		
109	62.3	45.3	85.3
65	92.7	73.9	113.9



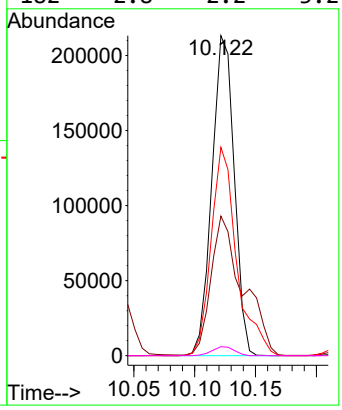


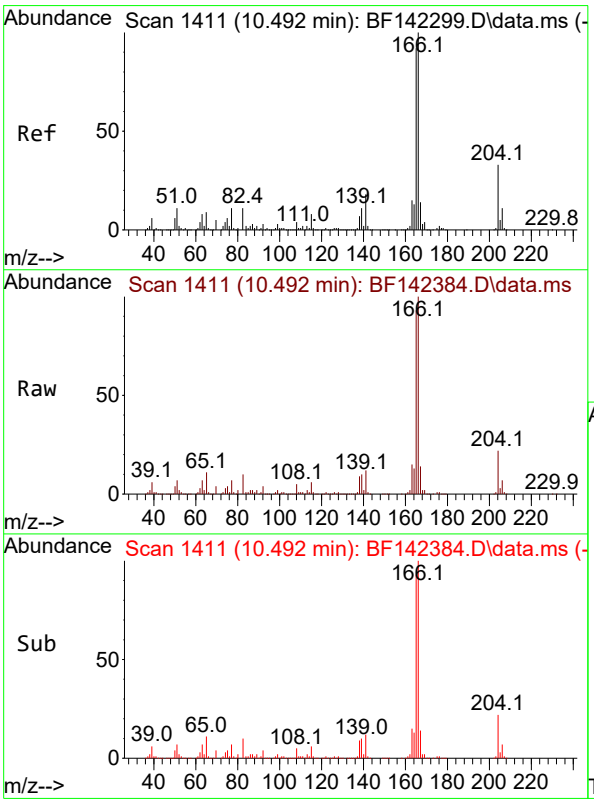
#57
2,4-Dinitrotoluene
Concen: 50.147 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 272568

Ion	Ratio	Lower	Upper
165	100		
63	43.6	37.1	55.7
89	65.1	54.4	81.6
182	2.8	2.2	3.2

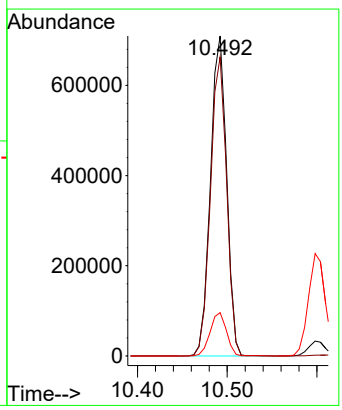


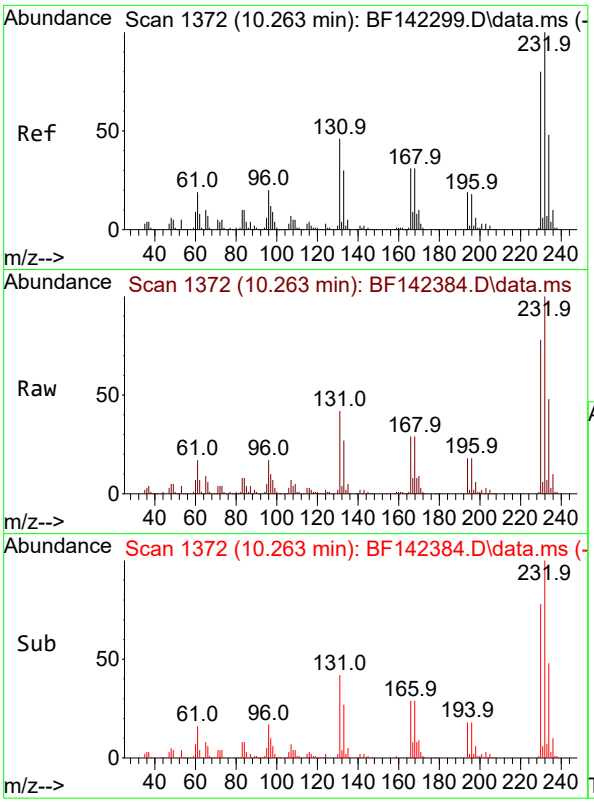


#58
Fluorene
Concen: 38.957 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:166 Resp: 887188

Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.0	111.0
167	13.6	10.9	16.3



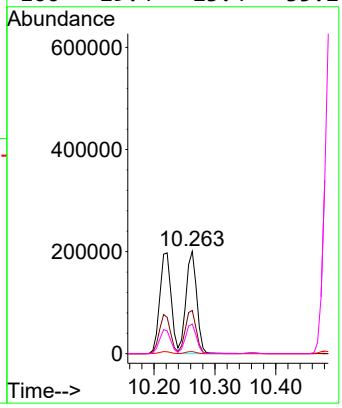


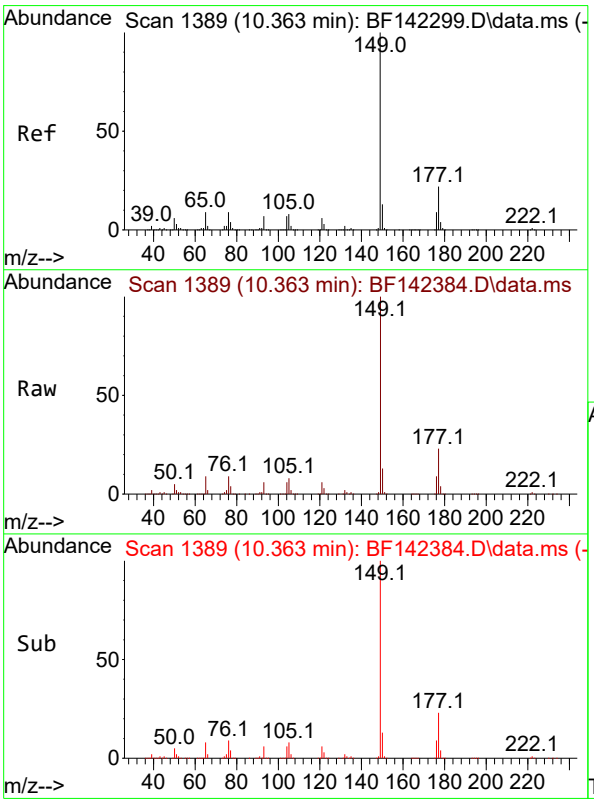
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.231 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 246742

Ion	Ratio	Lower	Upper
232	100		
131	43.3	36.0	54.0
130	2.1	1.8	2.6
166	29.4	23.4	35.2

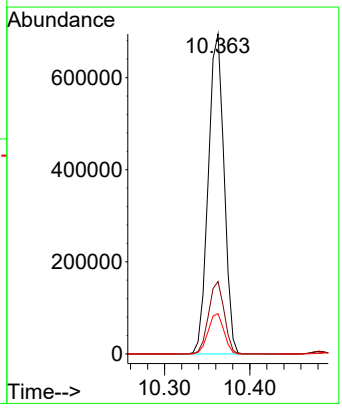


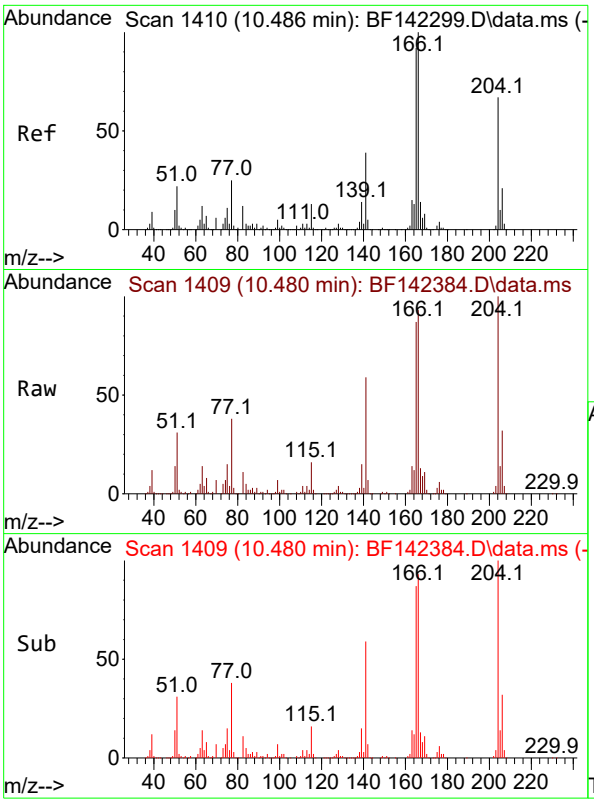


#60
Diethylphthalate
Concen: 39.551 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:149 Resp: 894154

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.6	26.4
150	12.6	10.1	15.1



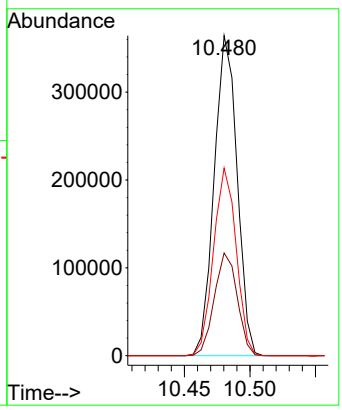


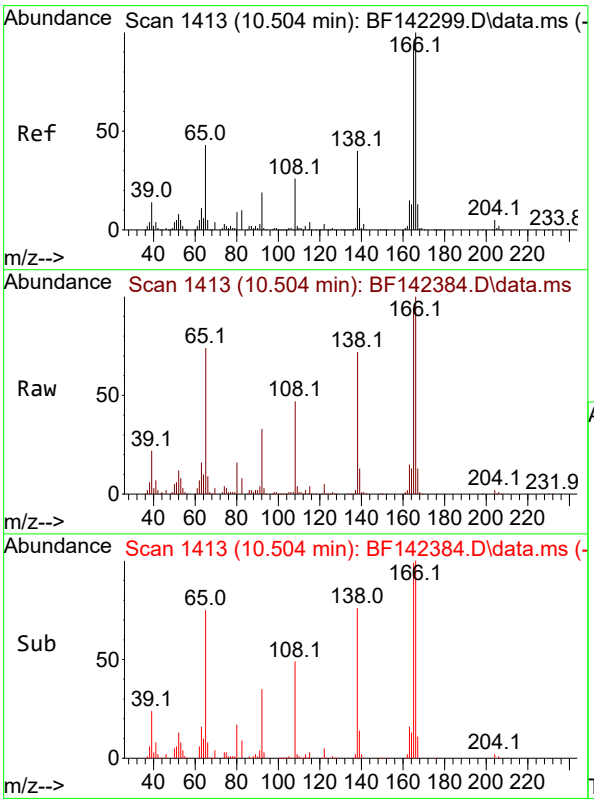
#61
4-Chlorophenyl-phenylether
Concen: 40.251 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 442251

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.5	38.3
141	58.6	46.4	69.6

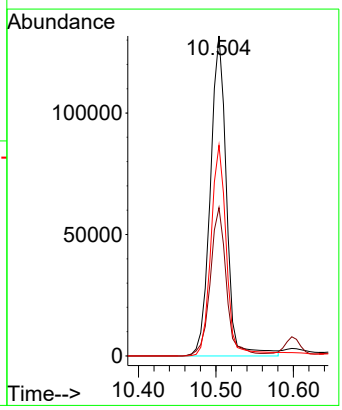


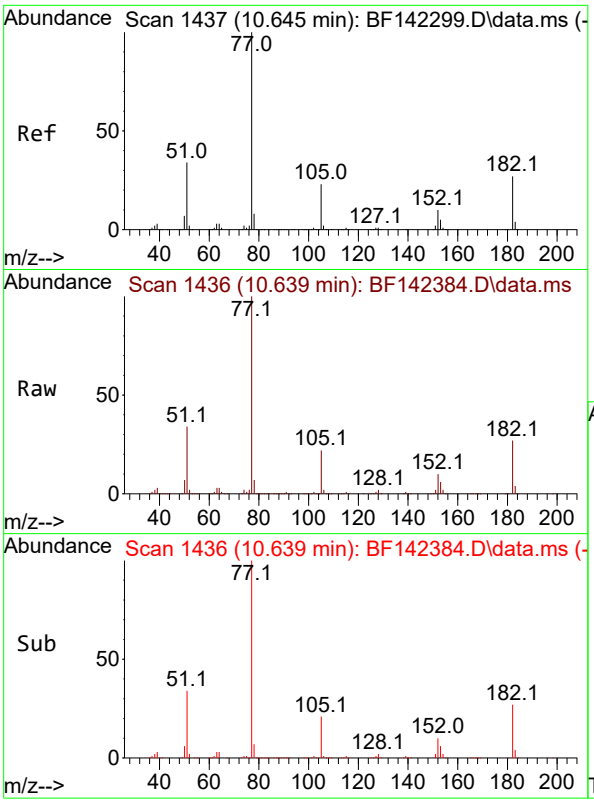


#62
4-Nitroaniline
Concen: 48.448 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:138 Resp: 190827

Ion	Ratio	Lower	Upper
138	100		
92	46.3	27.3	67.3
108	65.8	45.1	85.1



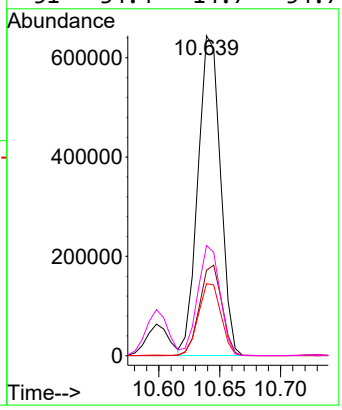


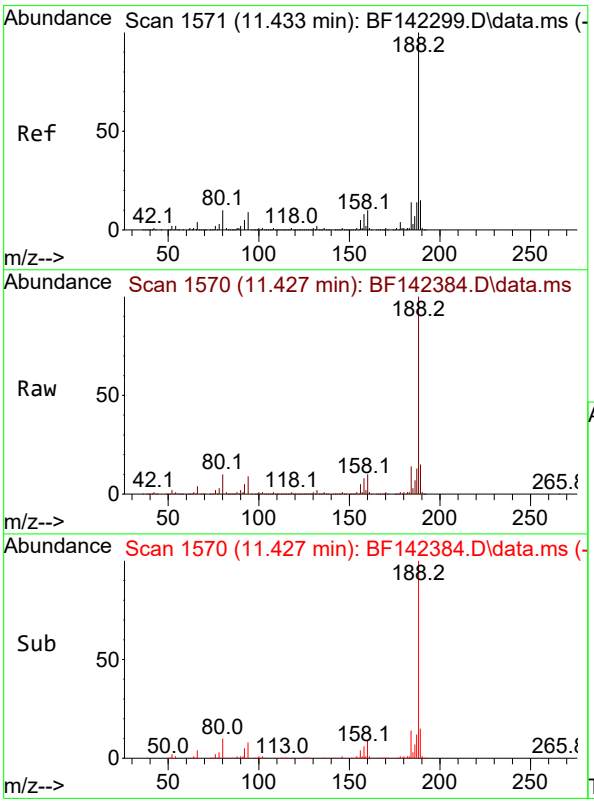
#63
Azobenzene
Concen: 38.382 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 829169

Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.9	46.9
105	22.5	2.7	42.7
51	34.4	14.7	54.7

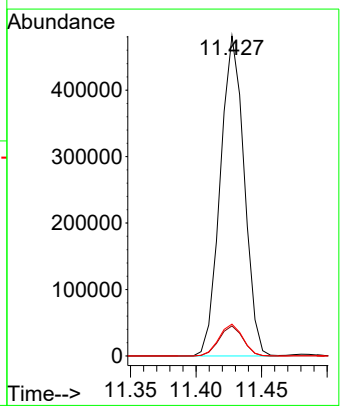


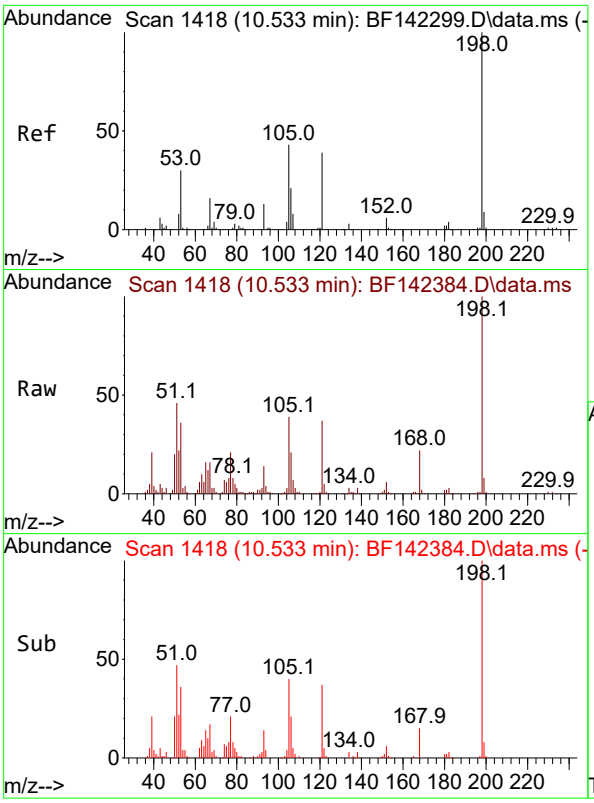


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:188 Resp: 609842

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.0	7.9	11.9



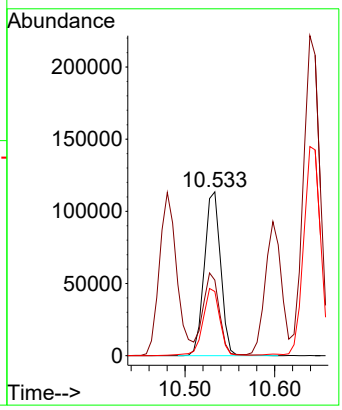


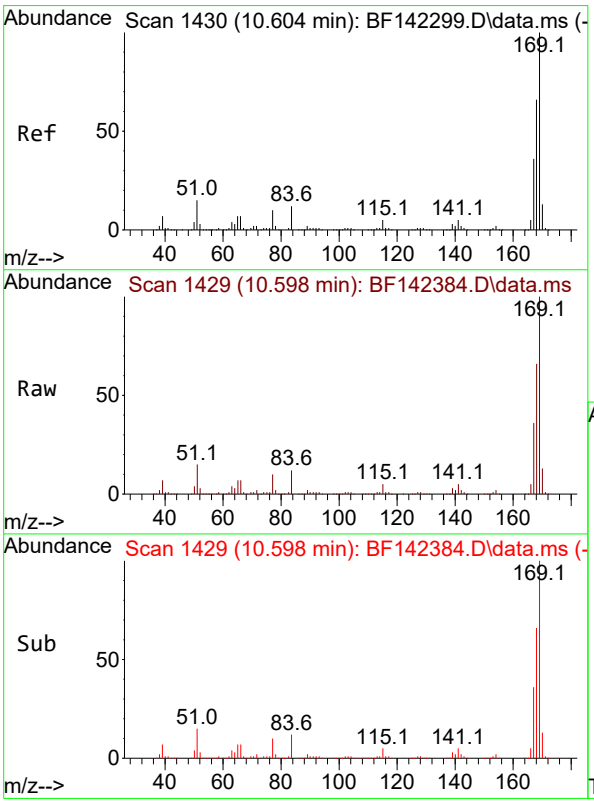
#65
4,6-Dinitro-2-methylphenol
Concen: 50.061 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 143343

Ion	Ratio	Lower	Upper
198	100		
51	46.1	32.9	72.9
105	39.2	23.7	63.7

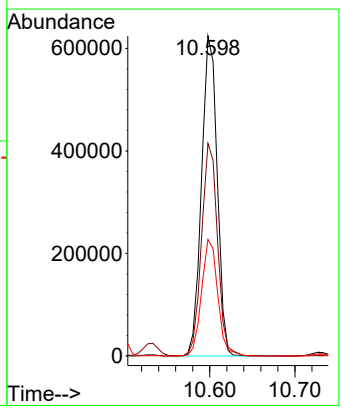


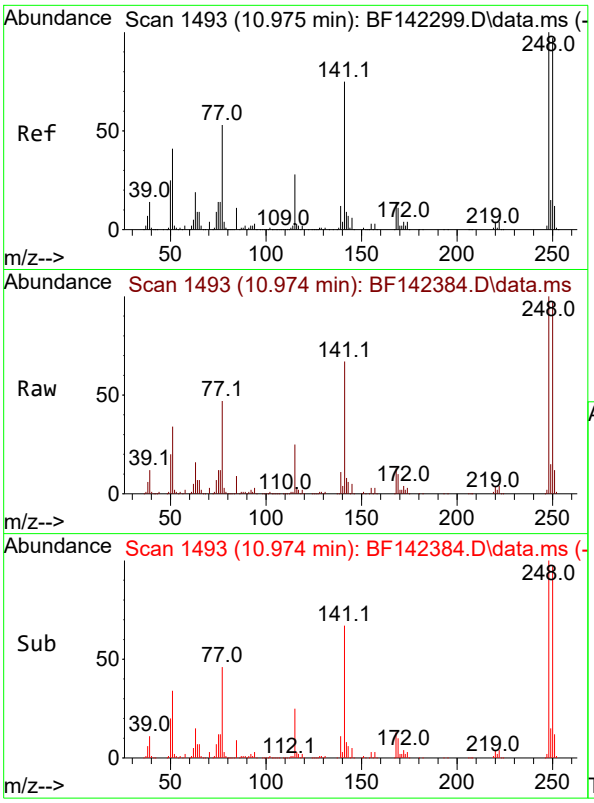


#66
n-Nitrosodiphenylamine
Concen: 39.193 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:169 Resp: 795348

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.2	79.8
167	36.4	28.9	43.3



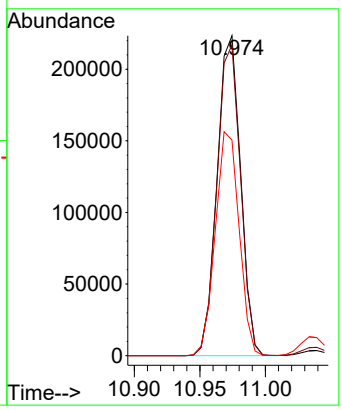


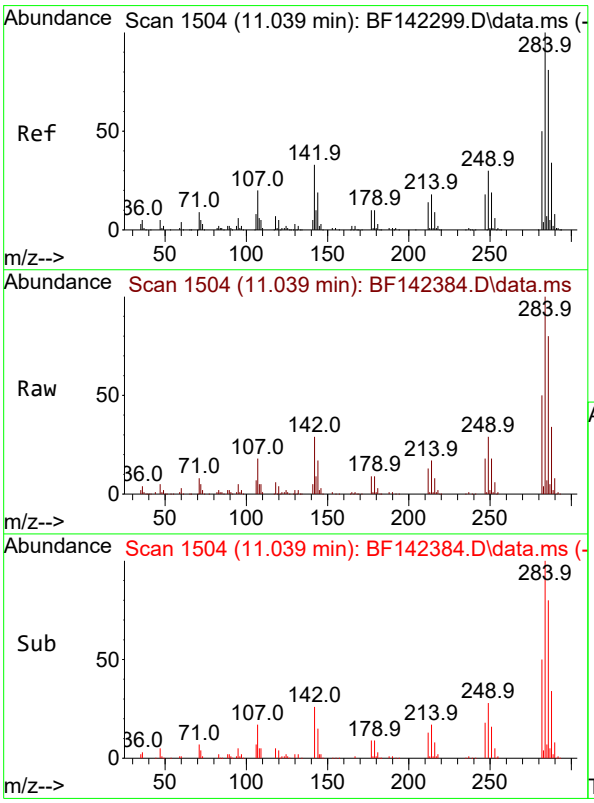
#67
4-Bromophenyl-phenylether
Concen: 40.333 ng
RT: 10.974 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 278763

Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.9	116.9
141	67.4	59.8	89.8

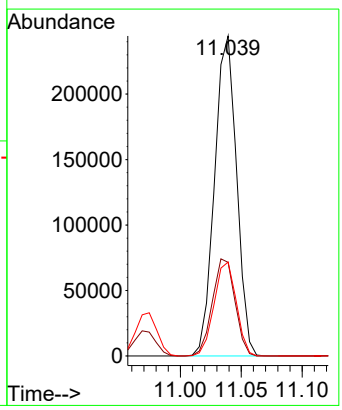


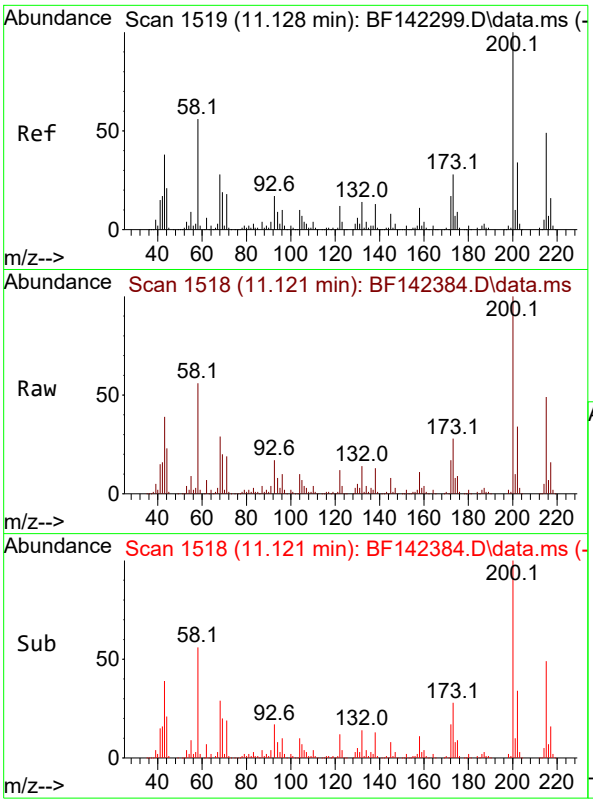


#68
Hexachlorobenzene
Concen: 40.540 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:284 Resp: 308205

Ion	Ratio	Lower	Upper
284	100		
142	29.3	26.6	39.8
249	29.4	24.1	36.1



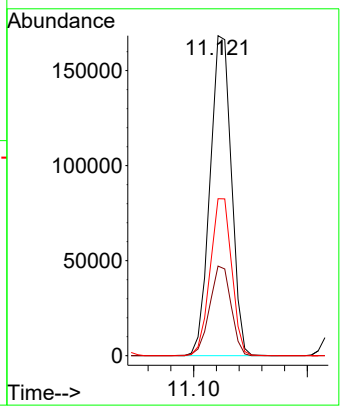


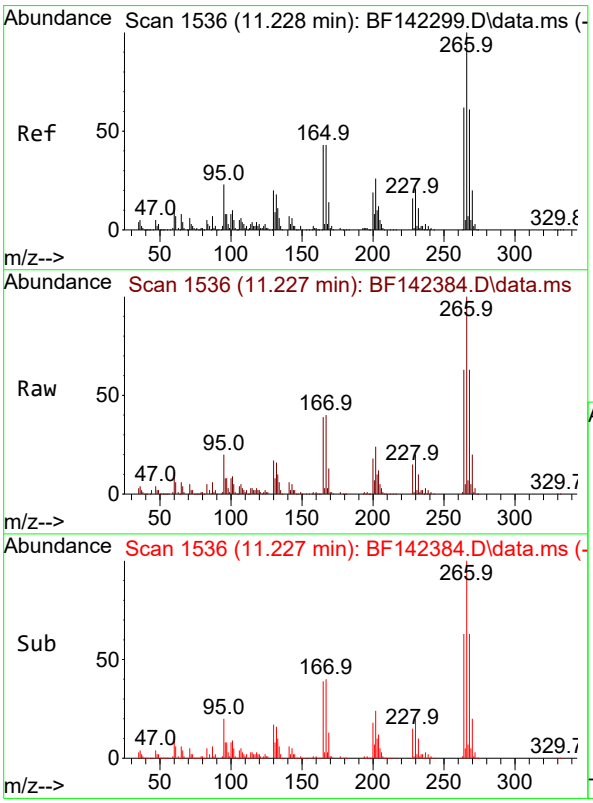
#69
Atrazine
Concen: 41.159 ng
RT: 11.121 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 220173

Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.1	48.1
215	49.0	28.8	68.8

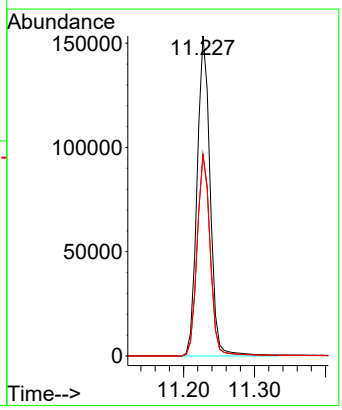


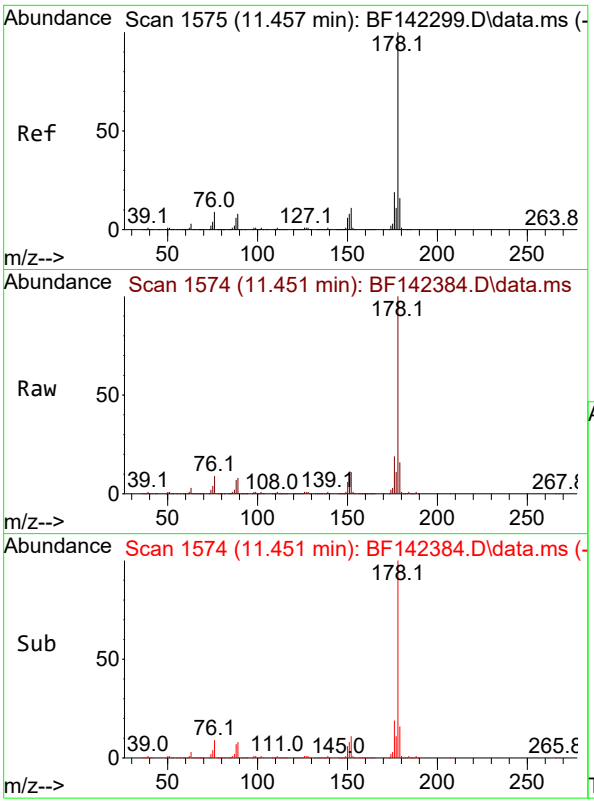


#70
Pentachlorophenol
Concen: 49.158 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:266 Resp: 196607

Ion	Ratio	Lower	Upper
266	100		
268	63.1	48.7	73.1
264	62.8	49.8	74.6



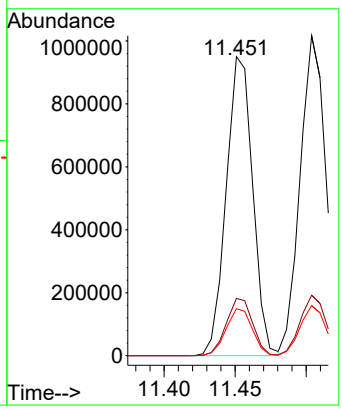


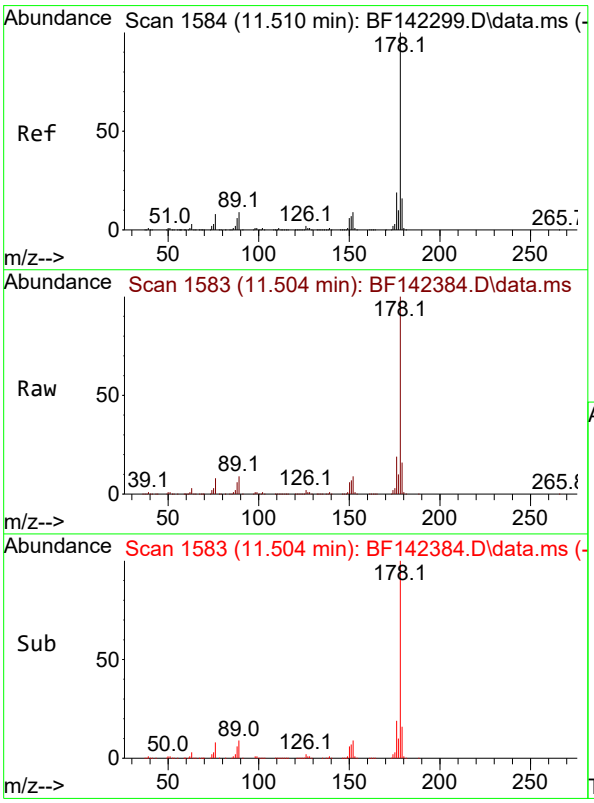
#71
Phenanthrene
Concen: 38.567 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1232846

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.8	12.6	18.8

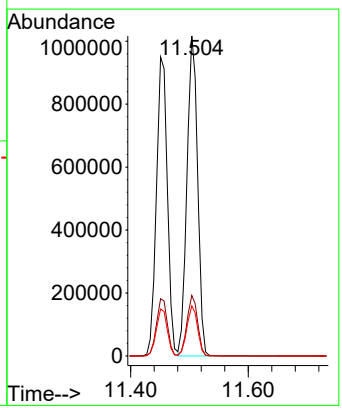


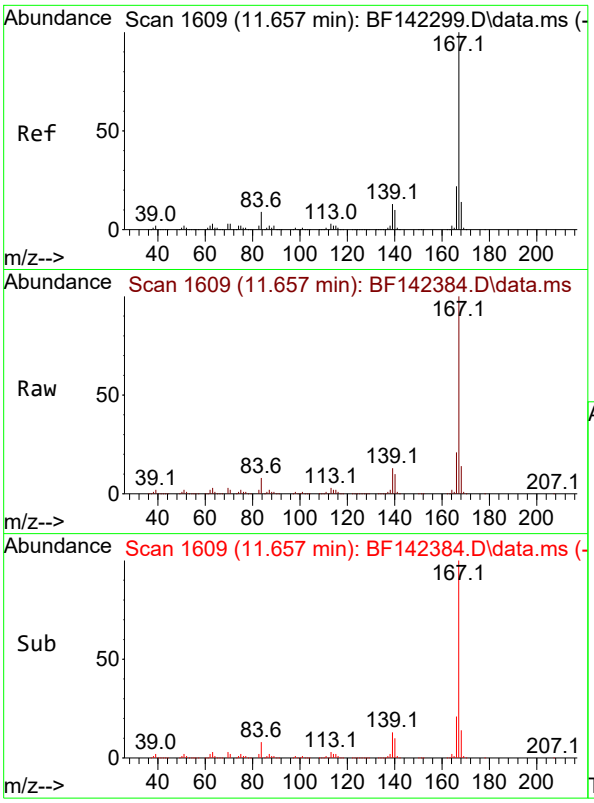


#72
Anthracene
Concen: 38.868 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:178 Resp: 1276652

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.6	12.6	18.8



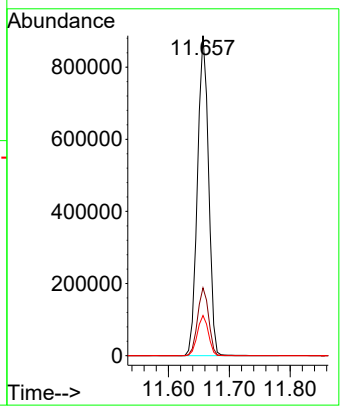


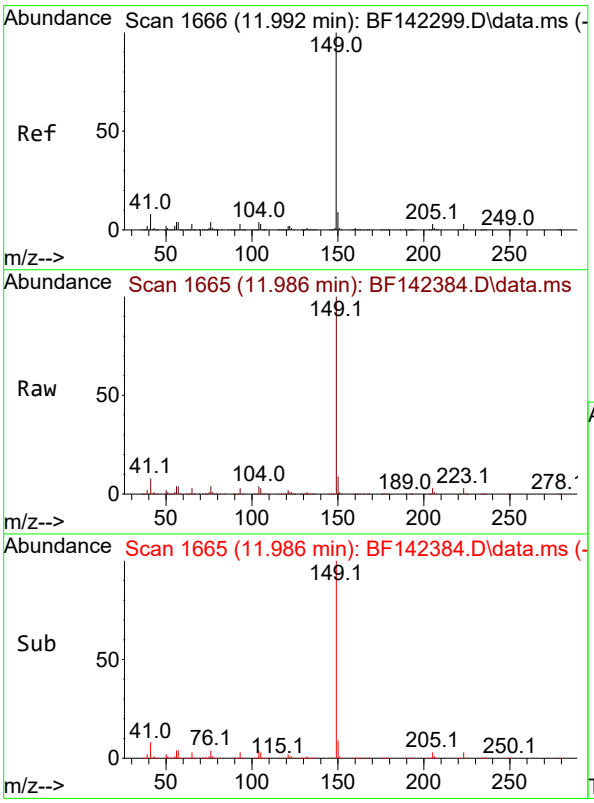
#73
Carbazole
Concen: 38.029 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1120621

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.5	10.3	15.5

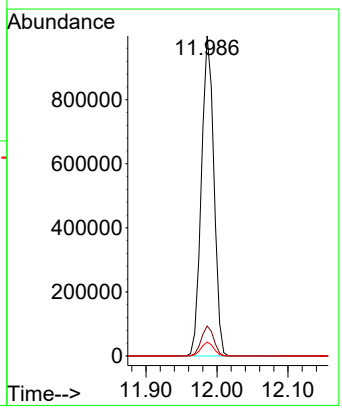


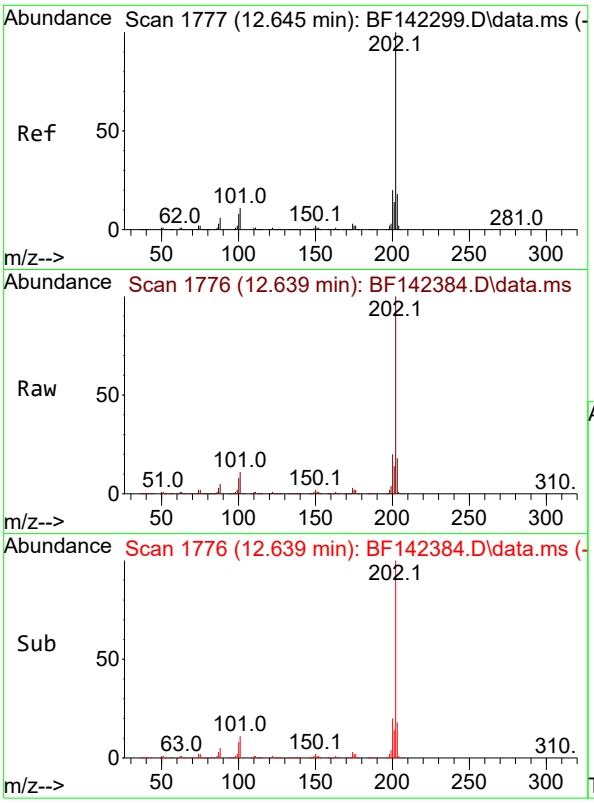


#74
Di-n-butylphthalate
Concen: 39.441 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:149 Resp: 1222117

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.3	3.6	5.4



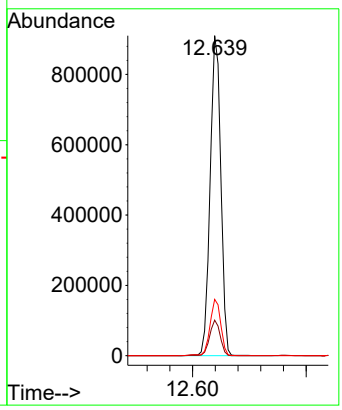


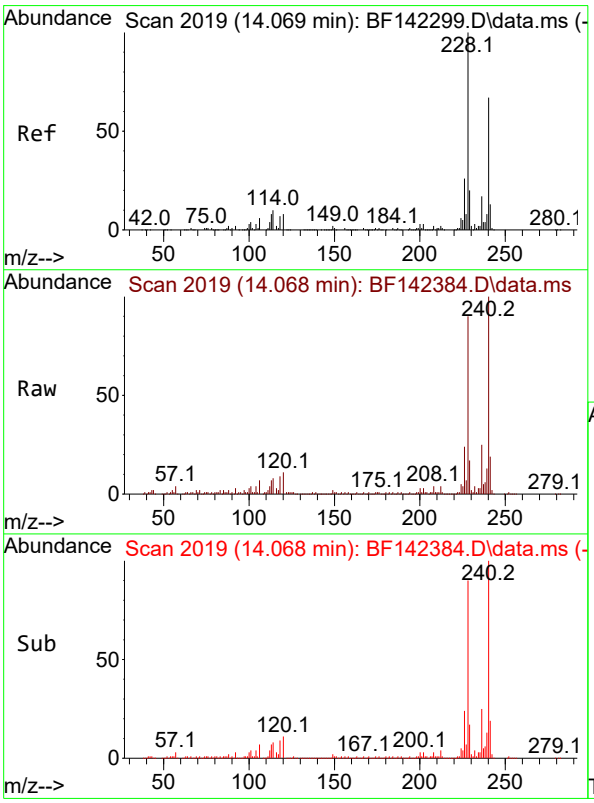
#75
Fluoranthene
Concen: 36.881 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1178524

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.6	0.0	37.9

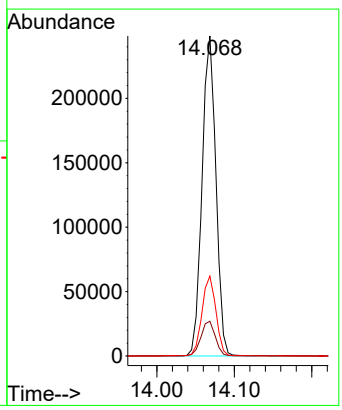


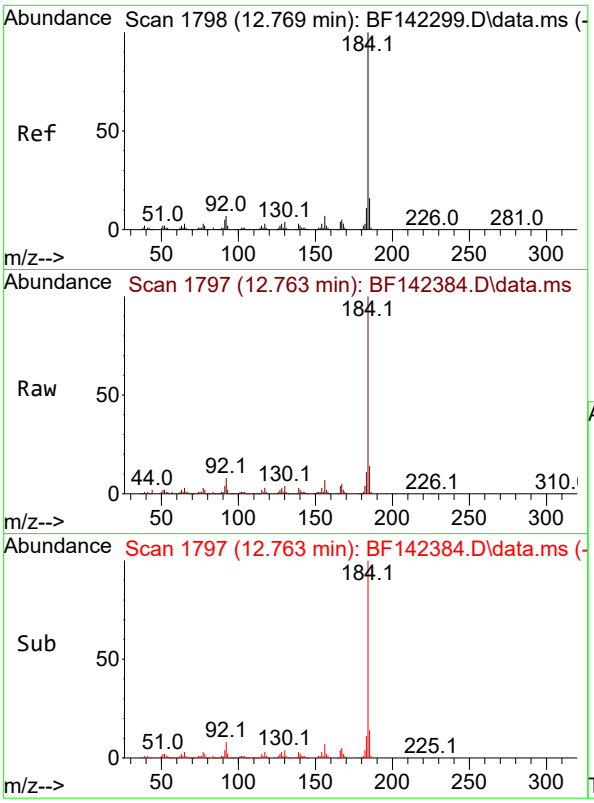


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:240 Resp: 307770

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.7	14.5
236	24.9	20.0	30.0



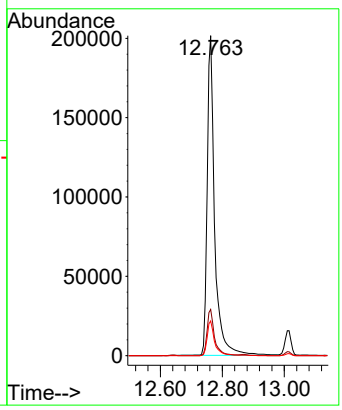


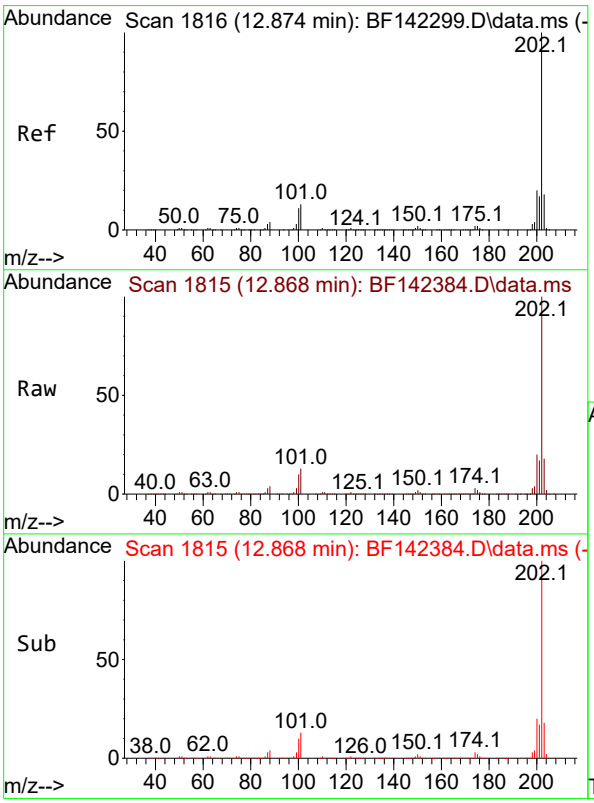
#77
Benzidine
Concen: 60.569 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 338767

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	10.9	8.6	12.8

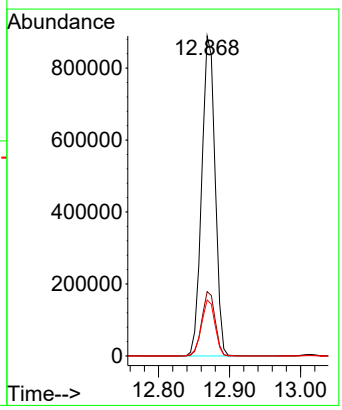


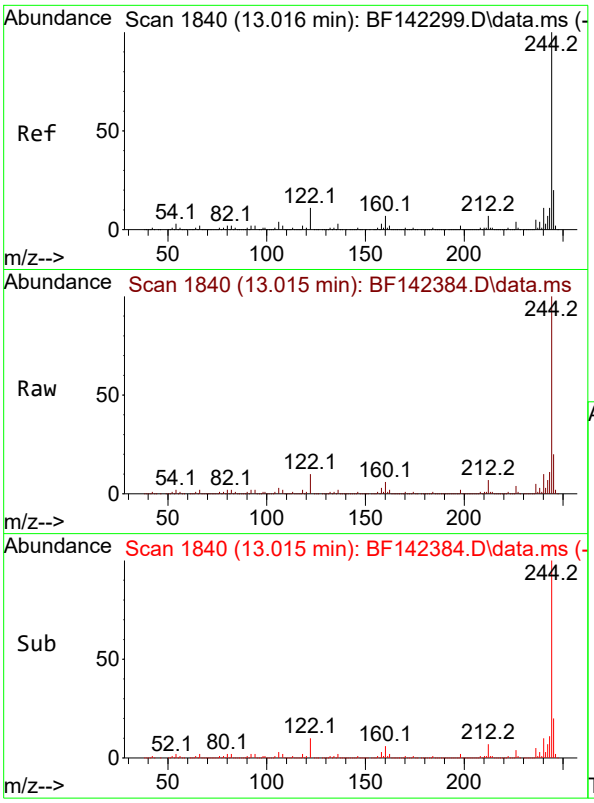


#78
Pyrene
Concen: 42.472 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:202 Resp: 1163491

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.5	14.3	21.5



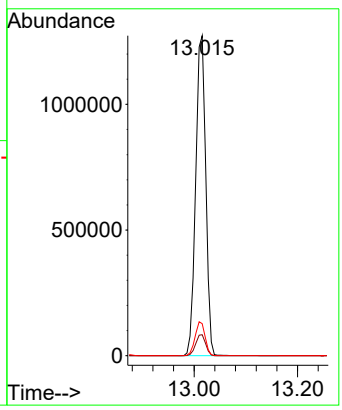


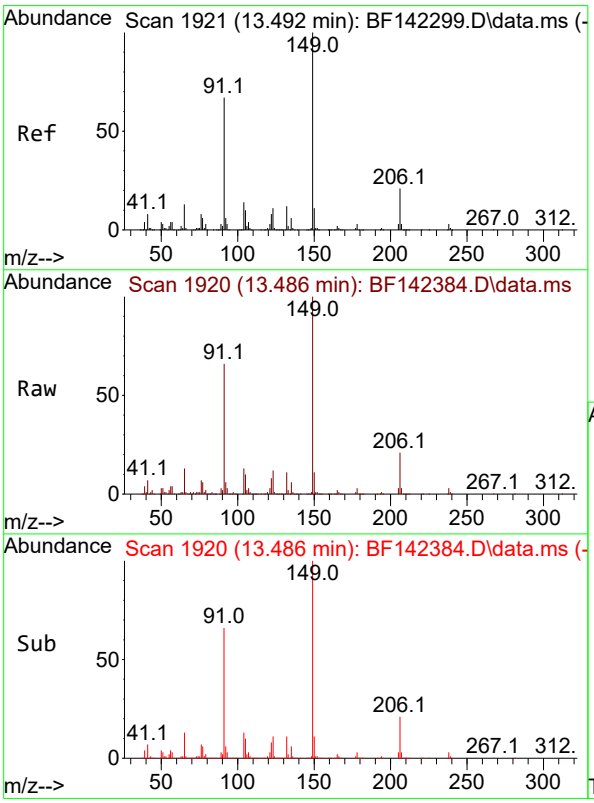
#79
Terphenyl-d14
Concen: 82.657 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1718750

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.0	9.0	13.4

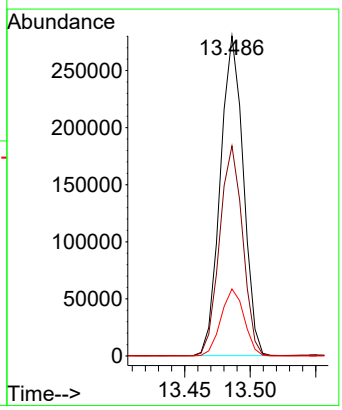


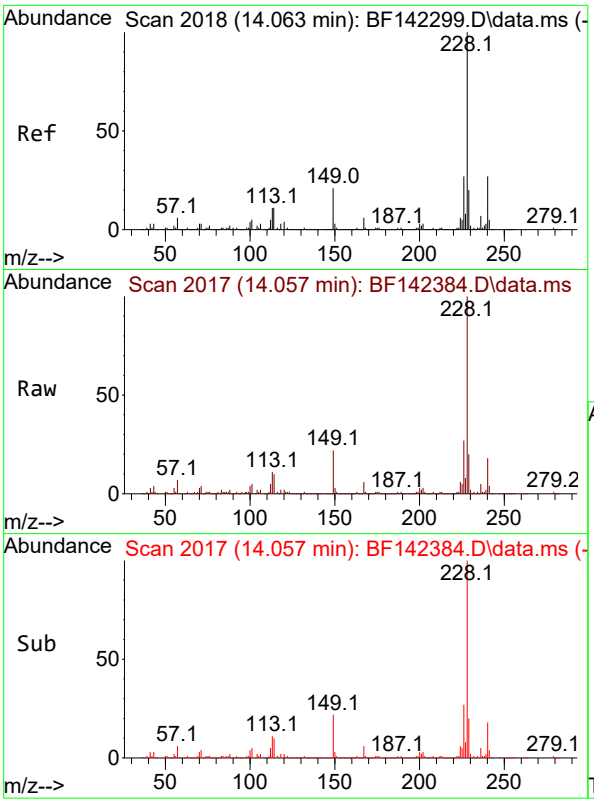


#80
Butylbenzylphthalate
Concen: 43.080 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:149 Resp: 341169

Ion	Ratio	Lower	Upper
149	100		
91	65.6	53.8	80.6
206	20.9	16.6	24.8



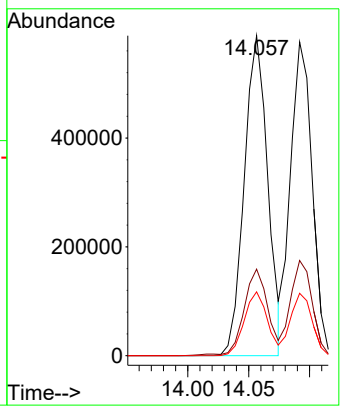


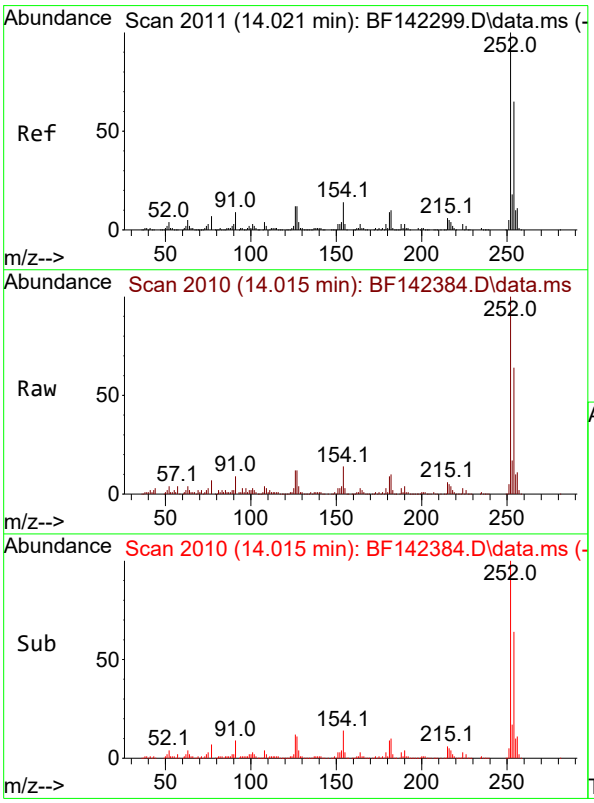
#81
Benzo(a)anthracene
Concen: 39.532 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 787940

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.5	32.3
229	19.9	15.9	23.9

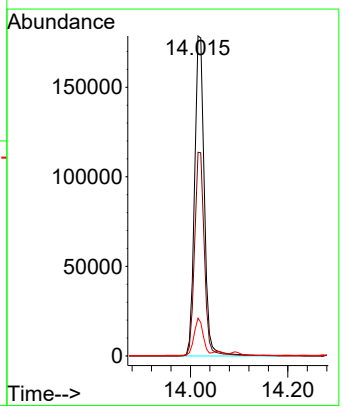


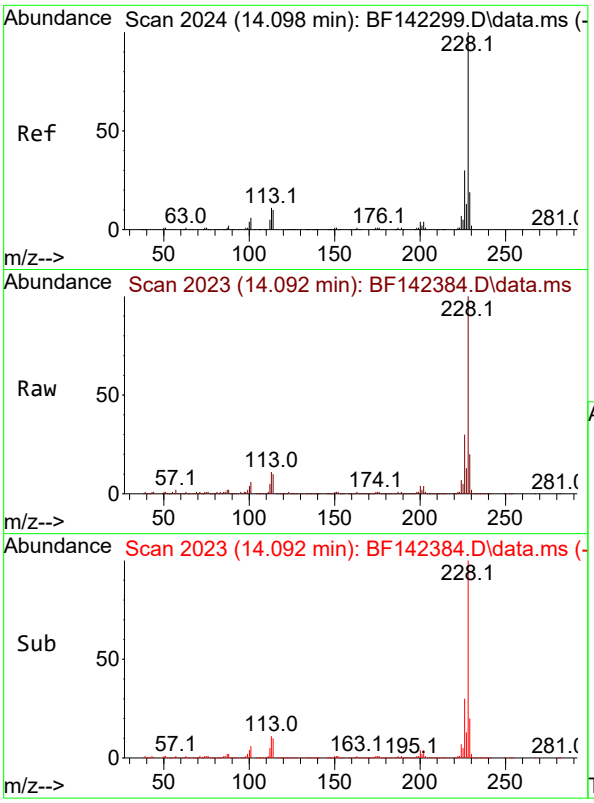


#82
3,3'-Dichlorobenzidine
Concen: 53.961 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:252 Resp: 250112

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.0	78.0
126	11.8	9.7	14.5



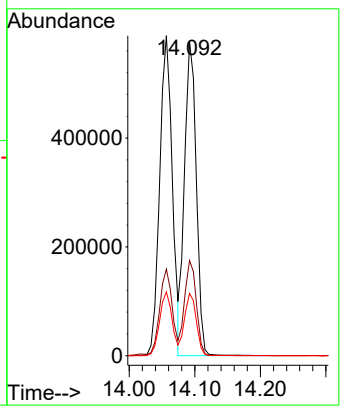


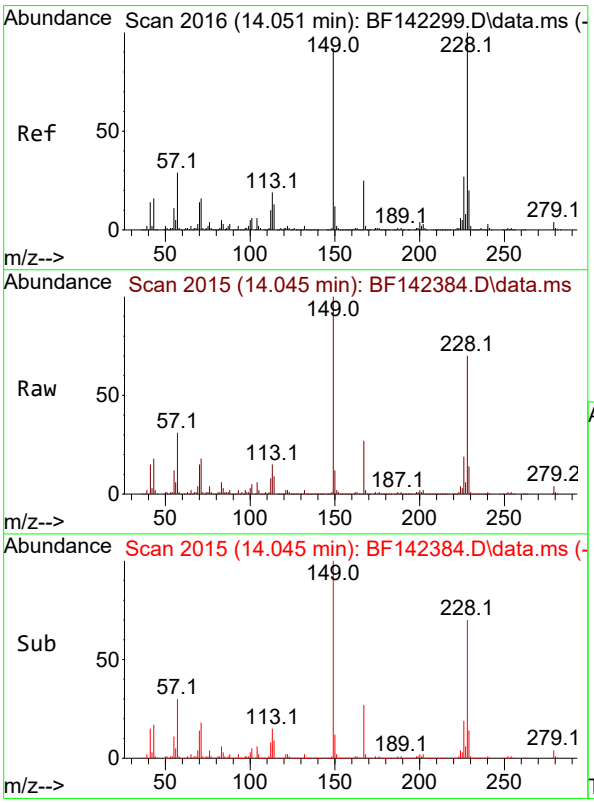
#83
Chrysene
Concen: 38.699 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 718046

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.9	15.4	23.2

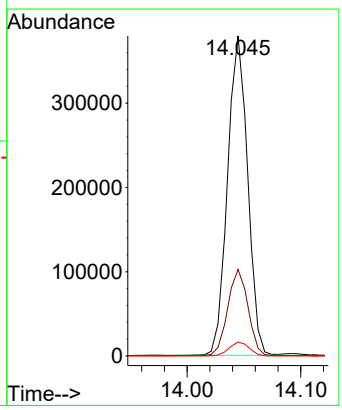


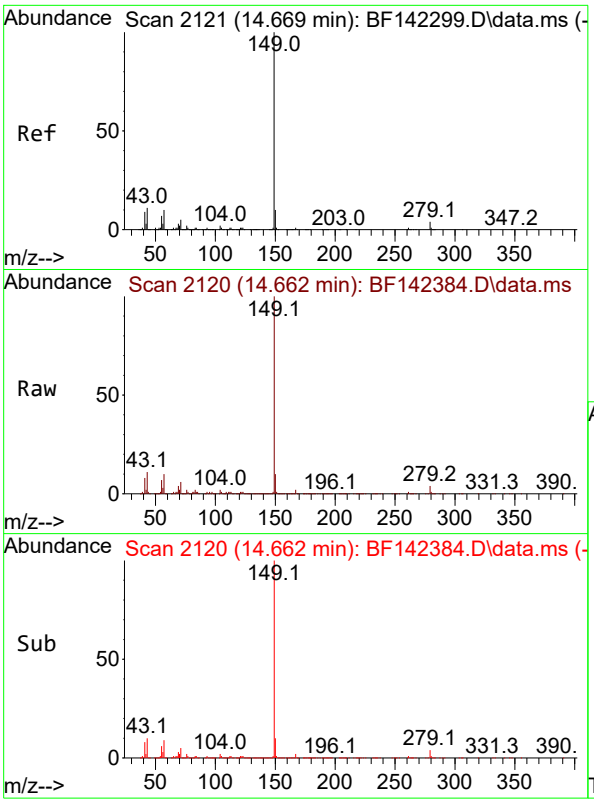


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.102 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:149 Resp: 466640

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	4.3	3.0	4.6



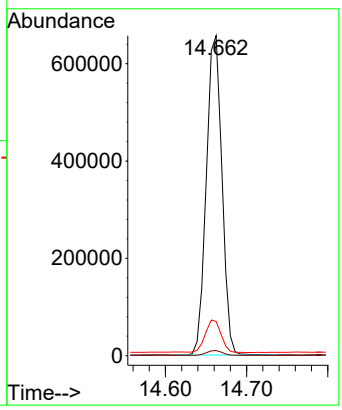


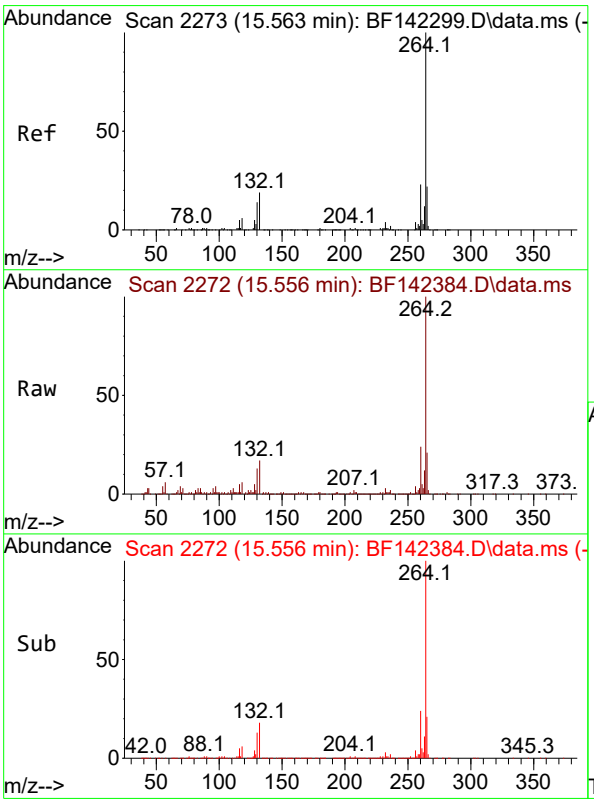
#85
Di-n-octyl phthalate
Concen: 46.831 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.007 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 874781

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	9.2	13.8

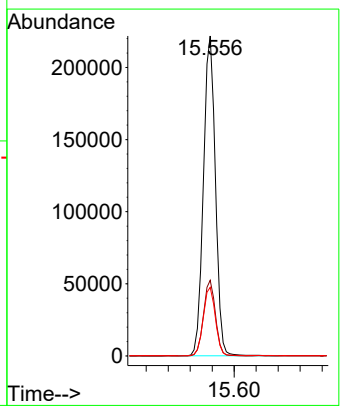


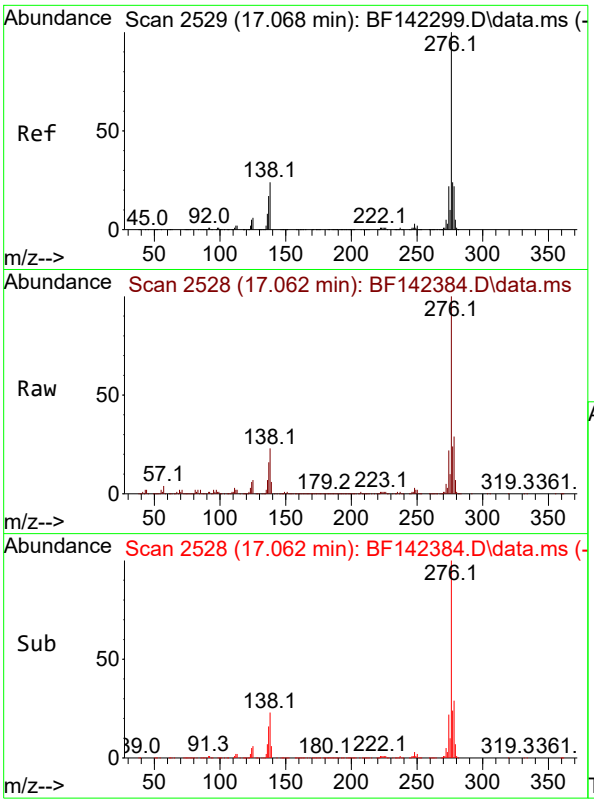


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:264 Resp: 334801

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.4	17.5	26.3



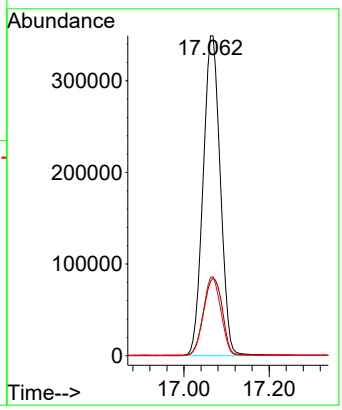


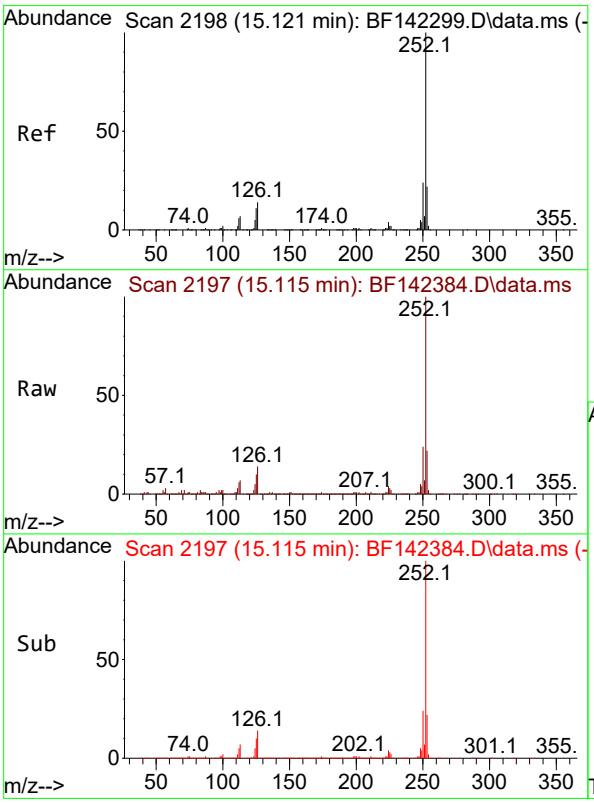
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.956 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 977143

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.0	33.0
277	25.1	20.1	30.1

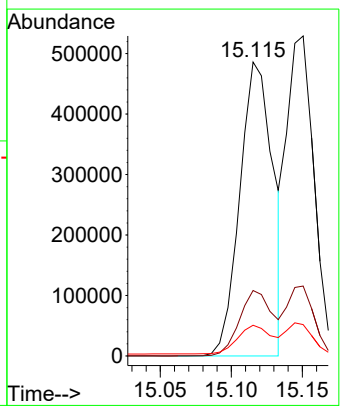


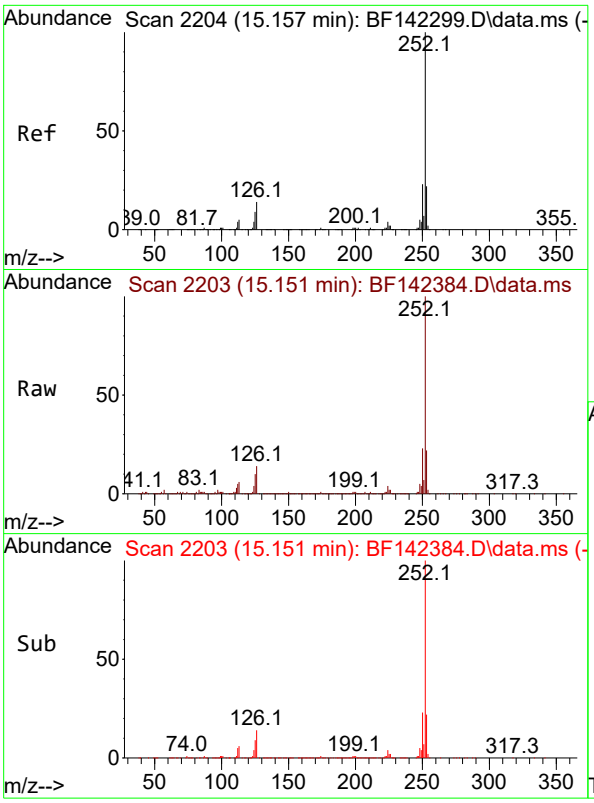


#88
Benzo(b)fluoranthene
Concen: 38.990 ng
RT: 15.115 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:252 Resp: 790611

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.5	8.7	13.1



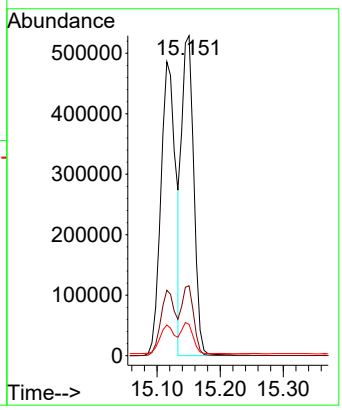


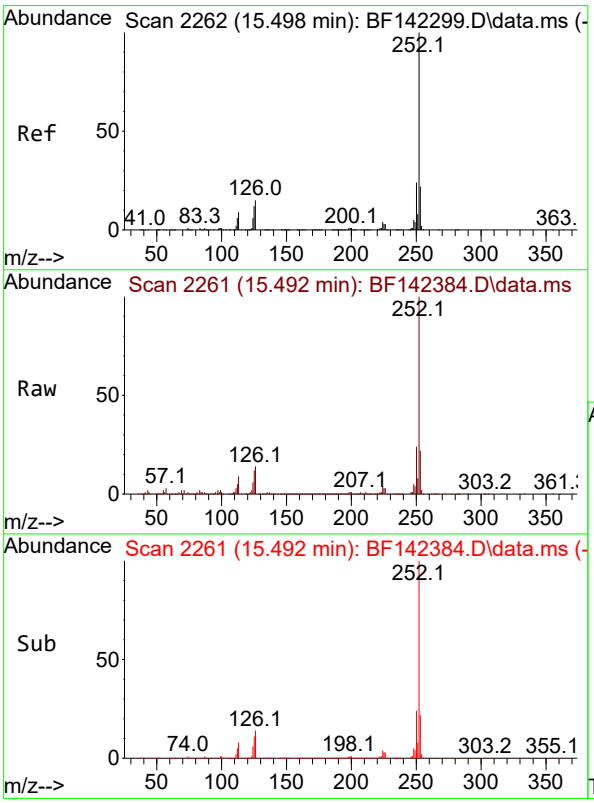
#89
Benzo(k)fluoranthene
Concen: 38.028 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 705674

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.8	8.1	12.1

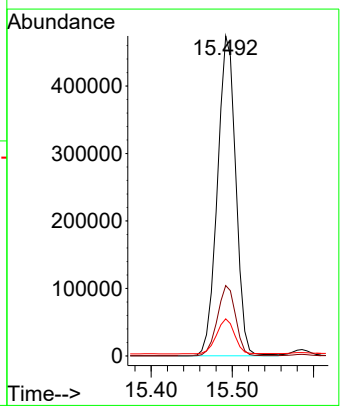


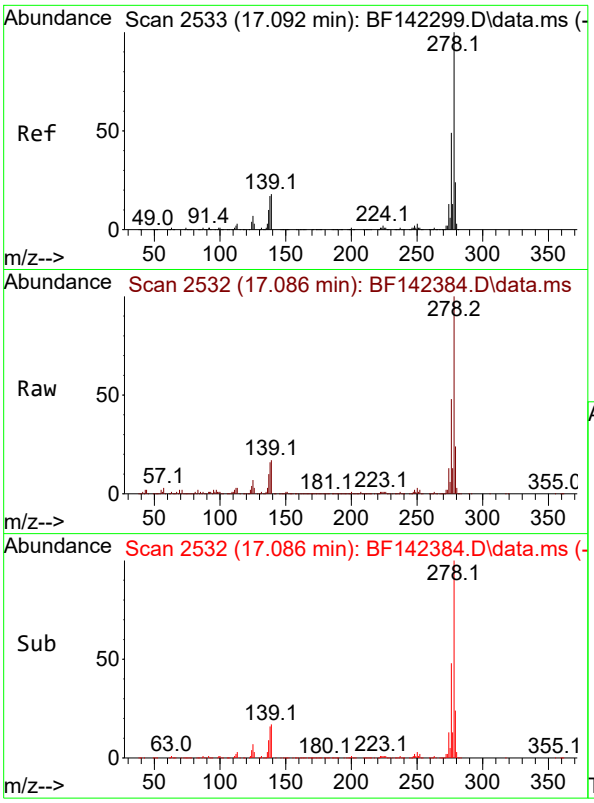


#90
Benzo(a)pyrene
Concen: 40.961 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:252 Resp: 744294

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.6	9.4	14.0



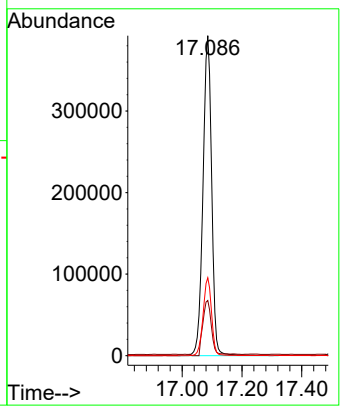


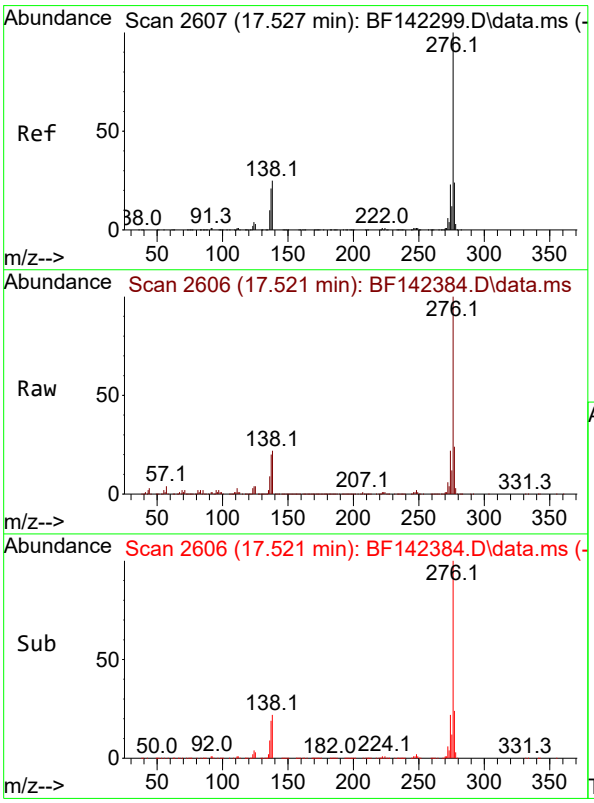
#91
Dibenzo(a,h)anthracene
Concen: 41.131 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 791409

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.5	21.7
279	24.4	18.9	28.3

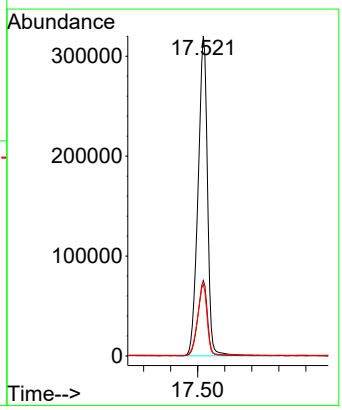




#92
Benzo(g,h,i)perylene
Concen: 40.669 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:276 Resp: 776651

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	22.3	19.8	29.6



Sample Results: **BF142384.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	78	0.00
2		1,4-Dioxane	0.528	0.494	6.4	76	0.00
3		Pyridine	1.239	1.263	-1.9	84	0.00
4		n-Nitrosodimethylamine	0.720	0.678	5.8	76	0.00
5	S	2-Fluorophenol	1.172	1.185	-1.1	82	0.00
6		Aniline	1.413	1.874	-32.6#	99	0.00
7	S	Phenol-d6	1.441	1.453	-0.8	82	0.00
8		2-Chlorophenol	1.252	1.341	-7.1	85	0.00
9		Benzaldehyde	0.843	0.790	6.3	84	0.00
10	C	Phenol	1.527	1.687	-10.5	89	0.00
11		bis(2-Chloroethyl)ether	1.506	1.206	19.9	69	0.00
12		1,3-Dichlorobenzene	1.432	1.426	0.4	82	0.00
13	C	1,4-Dichlorobenzene	1.438	1.431	0.5	82	0.00
14		1,2-Dichlorobenzene	1.380	1.371	0.7	81	0.00
15		Benzyl Alcohol	0.933	1.047	-12.2	88	0.00
16		2,2'-oxybis(1-Chloropropane	2.249	2.090	7.1	76	0.00
17		2-Methylphenol	1.014	1.020	-0.6	82	0.00
18		Hexachloroethane	0.478	0.498	-4.2	84	0.00
19	P	n-Nitroso-di-n-propylamine	0.891	0.887	0.4	80	0.00
20		3+4-Methylphenols	1.265	1.281	-1.3	82	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	77	0.00
22		Acetophenone	0.445	0.432	2.9	80	0.00
23	S	Nitrobenzene-d5	0.328	0.363	-10.7	86	0.00
24		Nitrobenzene	0.309	0.329	-6.5	83	0.00
25		Isophorone	0.621	0.611	1.6	81	0.00
26	C	2-Nitrophenol	0.129	0.180	-39.5#	105	0.00
27		2,4-Dimethylphenol	0.312	0.317	-1.6	82	0.00
28		bis(2-Chloroethoxy)methane	0.399	0.377	5.5	78	0.00
29	C	2,4-Dichlorophenol	0.265	0.282	-6.4	83	0.00
30		1,2,4-Trichlorobenzene	0.299	0.305	-2.0	84	0.00
31		Naphthalene	0.969	0.952	1.8	81	0.00
32		Benzoic acid	0.150	0.201	-34.0#	111	0.00
33		4-Chloroaniline	0.396	0.395	0.3	80	-0.01
34	C	Hexachlorobutadiene	0.177	0.180	-1.7	83	0.00
35		Caprolactam	0.077	0.085	-10.4	83	0.00
36	C	4-Chloro-3-methylphenol	0.276	0.298	-8.0	87	0.00
37		2-Methylnaphthalene	0.602	0.598	0.7	81	0.00
38		1-Methylnaphthalene	0.628	0.619	1.4	81	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	78	0.00
40		1,2,4,5-Tetrachlorobenzene	0.559	0.562	-0.5	85	0.00
41	P	Hexachlorocyclopentadiene	0.345	0.391	-13.3	88	0.00
42	S	2,4,6-Tribromophenol	0.193	0.228	-18.1	93	0.00
43	C	2,4,6-Trichlorophenol	0.352	0.393	-11.6	87	0.00
44		2,4,5-Trichlorophenol	0.375	0.404	-7.7	86	0.00
45	S	2-Fluorobiphenyl	1.403	1.334	4.9	81	0.00
46		1,1'-Biphenyl	1.533	1.496	2.4	82	0.00
47		2-Chloronaphthalene	1.140	1.126	1.2	83	0.00

Sample Results: **BF142384.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	0.292	0.343	-17.5	89	0.00
49		Acenaphthylene	1.908	1.887	1.1	82	0.00
50		Dimethylphthalate	1.284	1.305	-1.6	84	0.00
51		2,6-Dinitrotoluene	0.240	0.287	-19.6	91	0.00
52	C	Acenaphthene	1.147	1.167	-1.7	85	0.00
53		3-Nitroaniline	0.282	0.328	-16.3	89	0.00
54	P	2,4-Dinitrophenol	0.102	0.155	-52.0#	124	0.00
55		Dibenzofuran	1.693	1.670	1.4	83	0.00
56	P	4-Nitrophenol	0.212	0.270	-27.4#	98	0.00
57		2,4-Dinitrotoluene	0.308	0.387	-25.6#	94	0.00
58		Fluorene	1.292	1.258	2.6	82	0.00
59		2,3,4,6-Tetrachlorophenol	0.309	0.350	-13.3	89	0.00
60		Diethylphthalate	1.283	1.268	1.2	82	0.00
61		4-Chlorophenyl-phenylether	0.623	0.627	-0.6	84	0.00
62		4-Nitroaniline	0.223	0.271	-21.5	94	0.00
63		Azobenzene	1.226	1.176	4.1	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	80	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.118	-43.9#	116	0.00
66	c	n-Nitrosodiphenylamine	0.666	0.652	2.1	83	0.00
67		4-Bromophenyl-phenylether	0.227	0.229	-0.9	85	0.00
68		Hexachlorobenzene	0.249	0.253	-1.6	85	0.00
69		Atrazine	0.175	0.181	-3.4	83	0.00
70	C	Pentachlorophenol	0.131	0.161	-22.9#	93	0.00
71		Phenanthrene	1.048	1.011	3.5	82	0.00
72		Anthracene	1.077	1.047	2.8	82	0.00
73		Carbazole	0.966	0.919	4.9	80	0.00
74		Di-n-butylphthalate	1.016	1.002	1.4	79	0.00
75	C	Fluoranthene	1.048	0.966	7.8	79	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	69	0.00
77		Benzidine	0.363	0.550	-51.5#	106	0.00
78		Pyrene	1.780	1.890	-6.2	76	0.00
79	S	Terphenyl-d14	1.351	1.396	-3.3	76	0.00
80		Butylbenzylphthalate	0.449	0.554	-23.4	81	0.00
81		Benzo(a)anthracene	1.295	1.280	1.2	71	0.00
82		3,3'-Dichlorobenzidine	0.301	0.406	-34.9#	94	0.00
83		Chrysene	1.206	1.167	3.2	73	0.00
84		Bis(2-ethylhexyl)phthalate	0.573	0.758	-32.3#	87	0.00
85	c	Di-n-octyl phthalate	1.057	1.421	-34.4#	95	0.00
86	I	Perylene-d12	1.000	1.000	0.0	78	0.00
87		Indeno(1,2,3-cd)pyrene	1.391	1.459	-4.9	83	0.00
88		Benzo(b)fluoranthene	1.211	1.181	2.5	80	0.00
89		Benzo(k)fluoranthene	1.109	1.054	5.0	79	0.00
90	C	Benzo(a)pyrene	1.085	1.112	-2.5	82	0.00
91		Dibenzo(a,h)anthracene	1.149	1.182	-2.9	82	0.00
92		Benzo(g,h,i)perylene	1.141	1.160	-1.7	81	0.00

Sample Results: **BF142384.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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

Sample Results: **BF142384.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	78	0.00
2		1,4-Dioxane	40.000	37.436	6.4	76	0.00
3		Pyridine	40.000	40.797	-2.0	84	0.00
4		n-Nitrosodimethylamine	40.000	37.667	5.8	76	0.00
5	S	2-Fluorophenol	80.000	80.905	-1.1	82	0.00
6		Aniline	40.000	53.049	-32.6#	99	0.00
7	S	Phenol-d6	80.000	80.654	-0.8	82	0.00
8		2-Chlorophenol	40.000	42.847	-7.1	85	0.00
9		Benzaldehyde	40.000	37.477	6.3	84	0.00
10	C	Phenol	40.000	44.171	-10.4	89	0.00
11		bis(2-Chloroethyl)ether	40.000	32.018	20.0	69	0.00
12		1,3-Dichlorobenzene	40.000	39.828	0.4	82	0.00
13	C	1,4-Dichlorobenzene	40.000	39.812	0.5	82	0.00
14		1,2-Dichlorobenzene	40.000	39.725	0.7	81	0.00
15		Benzyl Alcohol	40.000	44.898	-12.2	88	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.159	7.1	76	0.00
17		2-Methylphenol	40.000	40.240	-0.6	82	0.00
18		Hexachloroethane	40.000	41.602	-4.0	84	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.827	0.4	80	0.00
20		3+4-Methylphenols	40.000	40.498	-1.2	82	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	77	0.00
22		Acetophenone	40.000	38.876	2.8	80	0.00
23	S	Nitrobenzene-d5	80.000	88.437	-10.5	86	0.00
24		Nitrobenzene	40.000	42.519	-6.3	83	0.00
25		Isophorone	40.000	39.386	1.5	81	0.00
26	C	2-Nitrophenol	40.000	48.180	-20.4#	105	0.00
27		2,4-Dimethylphenol	40.000	40.579	-1.4	82	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.765	5.6	78	0.00
29	C	2,4-Dichlorophenol	40.000	42.484	-6.2	83	0.00
30		1,2,4-Trichlorobenzene	40.000	40.845	-2.1	84	0.00
31		Naphthalene	40.000	39.273	1.8	81	0.00
32		Benzoic acid	40.000	48.080	-20.2	111	0.00
33		4-Chloroaniline	40.000	39.930	0.2	80	-0.01
34	C	Hexachlorobutadiene	40.000	40.762	-1.9	83	0.00
35		Caprolactam	40.000	43.955	-9.9	83	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.207	-8.0	87	0.00
37		2-Methylnaphthalene	40.000	39.695	0.8	81	0.00
38		1-Methylnaphthalene	40.000	39.461	1.3	81	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	78	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.244	-0.6	85	0.00
41	P	Hexachlorocyclopentadiene	40.000	45.288	-13.2	88	0.00
42	S	2,4,6-Tribromophenol	80.000	94.468	-18.1	93	0.00
43	C	2,4,6-Trichlorophenol	40.000	44.660	-11.6	87	0.00
44		2,4,5-Trichlorophenol	40.000	43.069	-7.7	86	0.00
45	S	2-Fluorobiphenyl	80.000	76.057	4.9	81	0.00
46		1,1'-Biphenyl	40.000	39.019	2.5	82	0.00
47		2-Chloronaphthalene	40.000	39.480	1.3	83	0.00

Sample Results: **BF142384.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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	46.970	-17.4	89	0.00
49		Acenaphthylene	40.000	39.556	1.1	82	0.00
50		Dimethylphthalate	40.000	40.641	-1.6	84	0.00
51		2,6-Dinitrotoluene	40.000	47.782	-19.5	91	0.00
52	C	Acenaphthene	40.000	40.709	-1.8	85	0.00
53		3-Nitroaniline	40.000	46.586	-16.5	89	0.00
54	P	2,4-Dinitrophenol	40.000	52.287	-30.7#	124	0.00
55		Dibenzofuran	40.000	39.460	1.3	83	0.00
56	P	4-Nitrophenol	40.000	50.863	-27.2#	98	0.00
57		2,4-Dinitrotoluene	40.000	50.147	-25.4#	94	0.00
58		Fluorene	40.000	38.957	2.6	82	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.231	-13.1	89	0.00
60		Diethylphthalate	40.000	39.551	1.1	82	0.00
61		4-Chlorophenyl-phenylether	40.000	40.251	-0.6	84	0.00
62		4-Nitroaniline	40.000	48.448	-21.1	94	0.00
63		Azobenzene	40.000	38.382	4.0	81	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	80	0.00
65		4,6-Dinitro-2-methylphenol	40.000	50.061	-25.2#	116	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.193	2.0	83	0.00
67		4-Bromophenyl-phenylether	40.000	40.333	-0.8	85	0.00
68		Hexachlorobenzene	40.000	40.540	-1.3	85	0.00
69		Atrazine	40.000	41.159	-2.9	83	0.00
70	C	Pentachlorophenol	40.000	49.158	-22.9#	93	0.00
71		Phenanthrene	40.000	38.567	3.6	82	0.00
72		Anthracene	40.000	38.868	2.8	82	0.00
73		Carbazole	40.000	38.029	4.9	80	0.00
74		Di-n-butylphthalate	40.000	39.441	1.4	79	0.00
75	C	Fluoranthene	40.000	36.881	7.8	79	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	69	0.00
77		Benzidine	40.000	60.569	-51.4#	106	0.00
78		Pyrene	40.000	42.472	-6.2	76	0.00
79	S	Terphenyl-d14	80.000	82.657	-3.3	76	0.00
80		Butylbenzylphthalate	40.000	43.080	-7.7	81	0.00
81		Benzo(a)anthracene	40.000	39.532	1.2	71	0.00
82		3,3'-Dichlorobenzidine	40.000	53.961	-34.9#	94	0.00
83		Chrysene	40.000	38.699	3.3	73	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.102	-12.8	87	0.00
85	c	Di-n-octyl phthalate	40.000	46.831	-17.1	95	0.00
86	I	Perylene-d12	20.000	20.000	0.0	78	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	41.956	-4.9	83	0.00
88		Benzo(b)fluoranthene	40.000	38.990	2.5	80	0.00
89		Benzo(k)fluoranthene	40.000	38.028	4.9	79	0.00
90	C	Benzo(a)pyrene	40.000	40.961	-2.4	82	0.00
91		Dibenzo(a,h)anthracene	40.000	41.131	-2.8	82	0.00
92		Benzo(g,h,i)perylene	40.000	40.669	-1.7	81	0.00

Sample Results: **BF142384.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142384.D
Acq On : 15 May 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 15 10:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 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 = 2

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_P Calibration Date/Time: 05/16/2025 10:49

Lab File ID: BP024651.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.160		-0.8	
Benzaldehyde	0.966	0.921		-4.7	
Phenol-d6	1.492	1.444		-3.2	
Phenol	1.540	1.485		-3.6	20.0
bis(2-Chloroethyl)ether	1.266	1.140		-10.0	
2-Chlorophenol	1.327	1.306		-1.6	
2-Methylphenol	1.105	1.046		-5.3	
2,2-oxybis(1-Chloropropane)	1.516	1.340		-11.6	
Acetophenone	0.500	0.483		-3.4	
3+4-Methylphenols	1.503	1.423		-5.3	
n-Nitroso-di-n-propylamine	1.032	0.924	0.050	-10.5	
Nitrobenzene-d5	0.396	0.381		-3.8	
Hexachloroethane	0.589	0.540		-8.3	
Nitrobenzene	0.348	0.332		-4.6	
Isophorone	0.687	0.637		-7.3	
2-Nitrophenol	0.171	0.179		4.7	20.0
2,4-Dimethylphenol	0.301	0.298		-1.0	
bis(2-Chloroethoxy)methane	0.410	0.381		-7.1	
2,4-Dichlorophenol	0.292	0.290		-0.7	20.0
Naphthalene	1.036	1.001		-3.4	
4-Chloroaniline	0.418	0.419		0.2	
Hexachlorobutadiene	0.213	0.203		-4.7	20.0
Caprolactam	0.106	0.107		0.9	
4-Chloro-3-methylphenol	0.356	0.340		-4.5	20.0
2-Methylnaphthalene	0.671	0.628		-6.4	
Hexachlorocyclopentadiene	0.352	0.369	0.050	4.8	
2,4,6-Trichlorophenol	0.376	0.391		4.0	20.0
2-Fluorobiphenyl	1.527	1.467		-3.9	
2,4,5-Trichlorophenol	0.419	0.429		2.4	
1,1-Biphenyl	1.478	1.426		-3.5	
2-Chloronaphthalene	1.127	1.095		-2.8	
2-Nitroaniline	0.334	0.325		-2.7	
Dimethylphthalate	1.524	1.407		-7.7	
Acenaphthylene	1.886	1.832		-2.9	
2,6-Dinitrotoluene	0.322	0.312		-3.1	
3-Nitroaniline	0.329	0.335		1.8	
Acenaphthene	1.084	1.033		-4.7	20.0
2,4-Dinitrophenol	0.169	0.185	0.050	9.5	
4-Nitrophenol	0.250	0.254	0.050	1.6	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1993 SAS No.: Q1993 SDG No.: Q1993

Instrument ID: BNA_P Calibration Date/Time: 05/16/2025 10:49

Lab File ID: BP024651.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.730	1.667		-3.6	
2,4-Dinitrotoluene	0.454	0.461		1.5	
Diethylphthalate	1.541	1.456		-5.5	
4-Chlorophenyl-phenylether	0.703	0.662		-5.8	
Fluorene	1.410	1.372		-2.7	
4-Nitroaniline	0.317	0.359		13.2	
4,6-Dinitro-2-methylphenol	0.129	0.132		2.3	
n-Nitrosodiphenylamine	0.614	0.593		-3.4	20.0
2,4,6-Tribromophenol	0.339	0.336		-0.9	
4-Bromophenyl-phenylether	0.236	0.221		-6.4	
Hexachlorobenzene	0.299	0.284		-5.0	
Atrazine	0.225	0.224		-0.4	
Pentachlorophenol	0.168	0.175		4.2	20.0
Phenanthrene	1.112	1.065		-4.2	
Anthracene	1.119	1.089		-2.7	
Carbazole	1.012	1.048		3.6	
Di-n-butylphthalate	1.302	1.279		-1.8	
Fluoranthene	1.300	1.307		0.5	20.0
Pyrene	1.198	1.116		-6.8	
Terphenyl-d14	1.166	1.069		-8.3	
Butylbenzylphthalate	0.533	0.524		-1.7	
3,3-Dichlorobenzidine	0.466	0.504		8.2	
Benzo(a)anthracene	1.256	1.219		-2.9	
Chrysene	1.190	1.133		-4.8	
Bis(2-ethylhexyl)phthalate	0.783	0.748		-4.5	
Di-n-octyl phthalate	1.281	1.299		1.4	20.0
Benzo(b)fluoranthene	1.145	1.088		-5.0	
Benzo(k)fluoranthene	1.180	1.126		-4.6	
Benzo(a)pyrene	1.099	1.066		-3.0	20.0
Indeno(1,2,3-cd)pyrene	1.460	1.441		-1.3	
Dibenzo(a,h)anthracene	1.188	1.169		-1.6	
Benzo(g,h,i)perylene	1.181	1.149		-2.7	
1,2,4,5-Tetrachlorobenzene	0.581	0.572		-1.5	
1,4-Dioxane	0.549	0.497		-9.5	20.0
2,3,4,6-Tetrachlorophenol	0.388	0.393		1.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024651.D
Acq On : 16 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 16 11:41:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.657	152	118329	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	478267	20.000	ng		0.00
39) Acenaphthene-d10	14.292	164	294926	20.000	ng		-0.01
64) Phenanthrene-d10	17.092	188	598372	20.000	ng		0.00
76) Chrysene-d12	21.521	240	737536	20.000	ng		0.00
86) Perylene-d12	24.809	264	900629	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	548974	79.351	ng		0.00
7) Phenol-d6	6.852	99	683450	77.404	ng		0.00
23) Nitrobenzene-d5	8.810	82	728876	77.002	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	396826	79.368	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	1730726	76.883	ng		0.00
79) Terphenyl-d14	19.816	244	3152813	73.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	117515	36.174	ng		98
3) Pyridine	3.622	79	280752	38.975	ng		98
4) n-Nitrosodimethylamine	3.534	42	116978	36.784	ng		96
6) Aniline	6.999	93	432388	37.929	ng		99
8) 2-Chlorophenol	7.234	128	309148	39.363	ng		99
9) Benzaldehyde	6.816	77	218072	38.153	ng		98
10) Phenol	6.881	94	351394	38.558	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	269705	36.016	ng		99
12) 1,3-Dichlorobenzene	7.552	146	341277	37.769	ng		98
13) 1,4-Dichlorobenzene	7.693	146	346067	38.080	ng		99
14) 1,2-Dichlorobenzene	8.010	146	333086	37.613	ng		100
15) Benzyl Alcohol	7.904	79	258691	38.554	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	317027	35.351	ng		99
17) 2-Methylphenol	8.110	107	247572	37.876	ng		97
18) Hexachloroethane	8.722	117	127737	36.679	ng		98
19) n-Nitroso-di-n-propyla...	8.457	70	218714	35.809	ng		98
20) 3+4-Methylphenols	8.434	107	336836	37.884	ng		99
22) Acetophenone	8.475	105	462004	38.672	ng	#	98
24) Nitrobenzene	8.846	77	317818	38.154	ng		97
25) Isophorone	9.369	82	608837	37.080	ng		99
26) 2-Nitrophenol	9.551	139	171567	42.032	ng		100
27) 2,4-Dimethylphenol	9.622	122	285016	39.604	ng		99
28) bis(2-Chloroethoxy)met...	9.846	93	364258	37.133	ng		99
29) 2,4-Dichlorophenol	10.093	162	277368	39.772	ng		97
30) 1,2,4-Trichlorobenzene	10.298	180	304446	38.739	ng		99
31) Naphthalene	10.475	128	957591	38.637	ng		99
32) Benzoic acid	9.769	122	186970	38.981	ng		98
33) 4-Chloroaniline	10.598	127	401035	40.099	ng		99
34) Hexachlorobutadiene	10.757	225	193859	38.079	ng		100
35) Caprolactam	11.381	113	102630	40.675	ng		95
36) 4-Chloro-3-methylphenol	11.734	107	325528	38.277	ng		99
37) 2-Methylnaphthalene	12.092	142	600991	37.449	ng		99
38) 1-Methylnaphthalene	12.316	142	636986	37.097	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	337212	39.374	ng		99
41) Hexachlorocyclopentadiene	12.440	237	217577	41.897	ng		96
43) 2,4,6-Trichlorophenol	12.716	196	230402	41.535	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024651.D
Acq On : 16 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 16 11:41:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

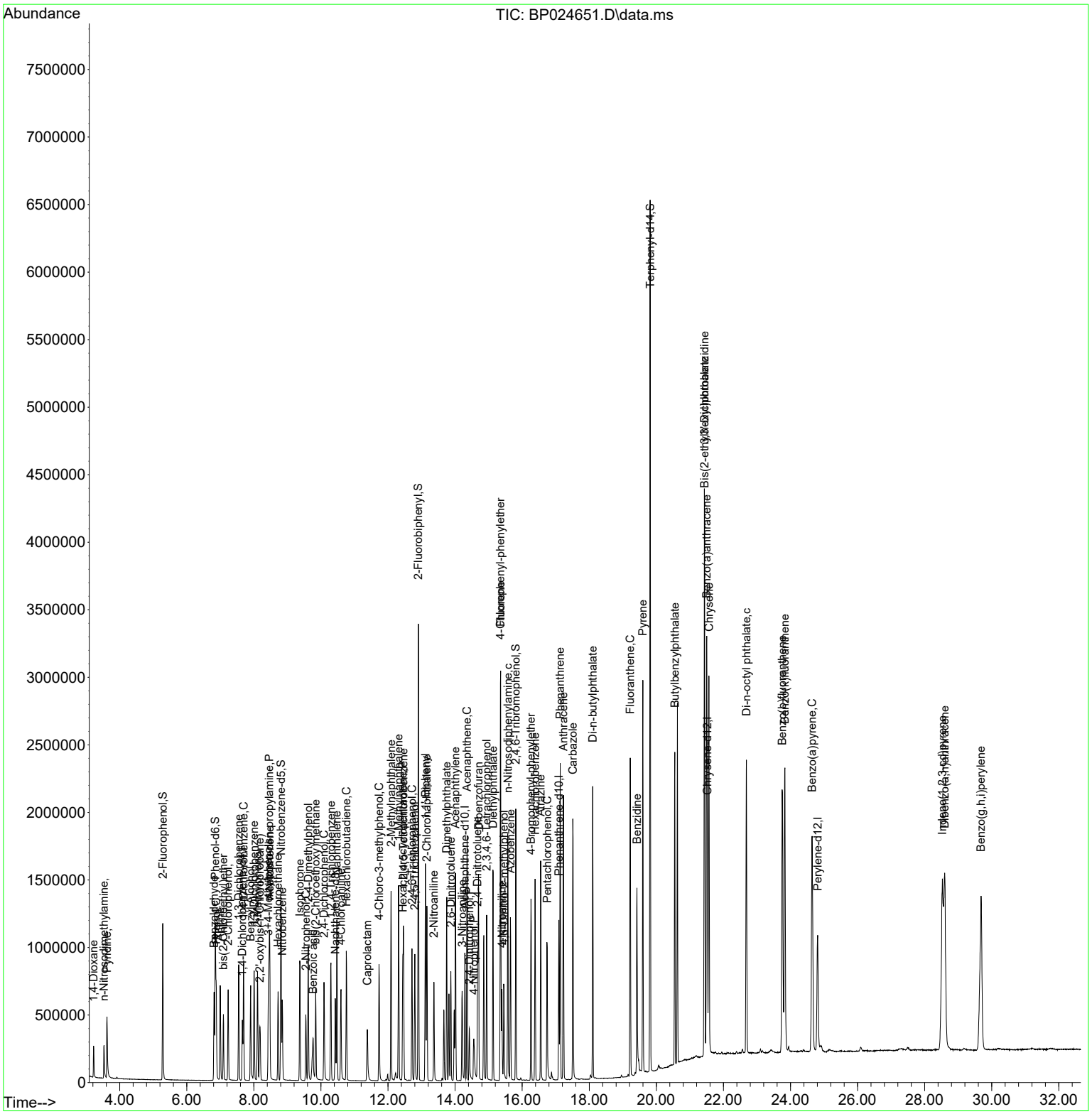
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	253105	40.990	ng		96
46) 1,1'-Biphenyl	13.116	154	841088	38.585	ng		99
47) 2-Chloronaphthalene	13.157	162	645690	38.849	ng		99
48) 2-Nitroaniline	13.369	65	191672	38.952	ng		97
49) Acenaphthylene	14.010	152	1080697	38.854	ng		100
50) Dimethylphthalate	13.751	163	829879	36.917	ng		100
51) 2,6-Dinitrotoluene	13.875	165	183755	38.705	ng		98
52) Acenaphthene	14.357	154	609504	38.118	ng		100
53) 3-Nitroaniline	14.210	138	197673	40.778	ng		99
54) 2,4-Dinitrophenol	14.428	184	108828	39.845	ng		97
55) Dibenzofuran	14.698	168	983006	38.542	ng		98
56) 4-Nitrophenol	14.557	139	149992	38.082	ng		95
57) 2,4-Dinitrotoluene	14.669	165	272203	40.669	ng		99
58) Fluorene	15.357	166	809354	38.918	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	231582	40.430	ng		96
60) Diethylphthalate	15.134	149	859010	37.808	ng		99
61) 4-Chlorophenyl-phenyle...	15.351	204	390618	37.663	ng		100
62) 4-Nitroaniline	15.398	138	211739	45.237	ng		96
63) Azobenzene	15.651	77	741176	38.133	ng		99
65) 4,6-Dinitro-2-methylph...	15.457	198	158051	40.892	ng		96
66) n-Nitrosodiphenylamine	15.575	169	709766	38.617	ng		99
67) 4-Bromophenyl-phenylether	16.263	248	264979	37.581	ng		97
68) Hexachlorobenzene	16.386	284	339807	37.927	ng		96
69) Atrazine	16.551	200	268043	39.795	ng		99
70) Pentachlorophenol	16.745	266	209468	41.649	ng		99
71) Phenanthrene	17.133	178	1274777	38.323	ng		100
72) Anthracene	17.227	178	1303093	38.936	ng		100
73) Carbazole	17.510	167	1254201	41.404	ng		100
74) Di-n-butylphthalate	18.104	149	1531129	39.303	ng		99
75) Fluoranthene	19.222	202	1564352	40.231	ng		99
77) Benzidine	19.422	184	897447	44.677	ng		100
78) Pyrene	19.598	202	1646532	37.259	ng		100
80) Butylbenzylphthalate	20.551	149	772796	39.320	ng		94
81) Benzo(a)anthracene	21.498	228	1798025	38.825	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	743162	43.205	ng		100
83) Chrysene	21.568	228	1670912	38.061	ng		100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1103345	38.194	ng		99
85) Di-n-octyl phthalate	22.686	149	1915915	40.558	ng		100
87) Indeno(1,2,3-cd)pyrene	28.527	276	2595773	39.479	ng	#	91
88) Benzo(b)fluoranthene	23.751	252	1960044	38.022	ng		99
89) Benzo(k)fluoranthene	23.833	252	2028864	38.194	ng		99
90) Benzo(a)pyrene	24.645	252	1919915	38.778	ng		99
91) Dibenzo(a,h)anthracene	28.597	278	2105124	39.355	ng		99
92) Benzo(g,h,i)perylene	29.680	276	2069354	38.902	ng		99

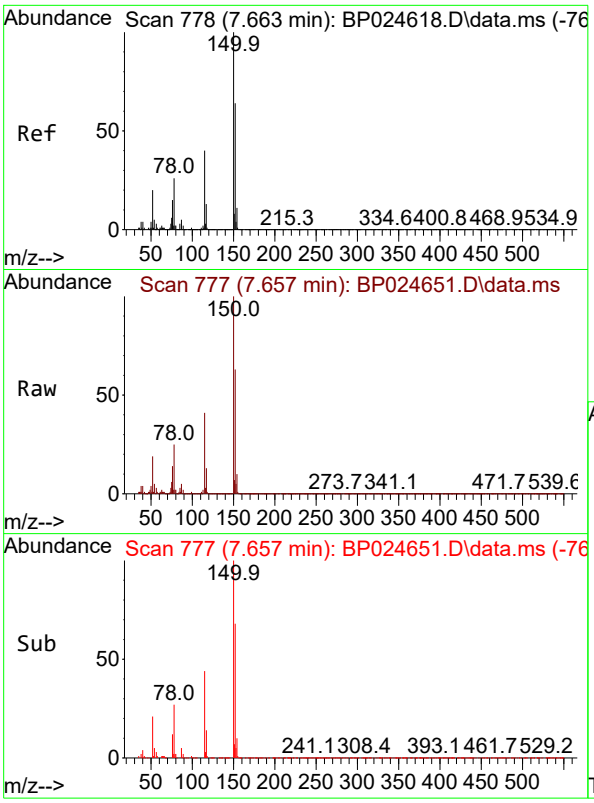
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024651.D
Acq On : 16 May 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 16 11:41:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



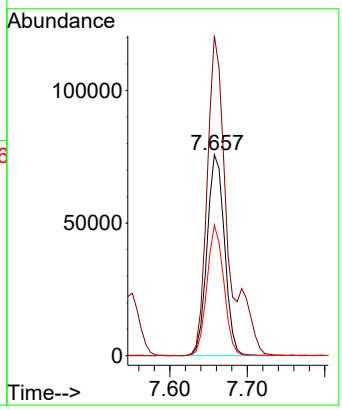


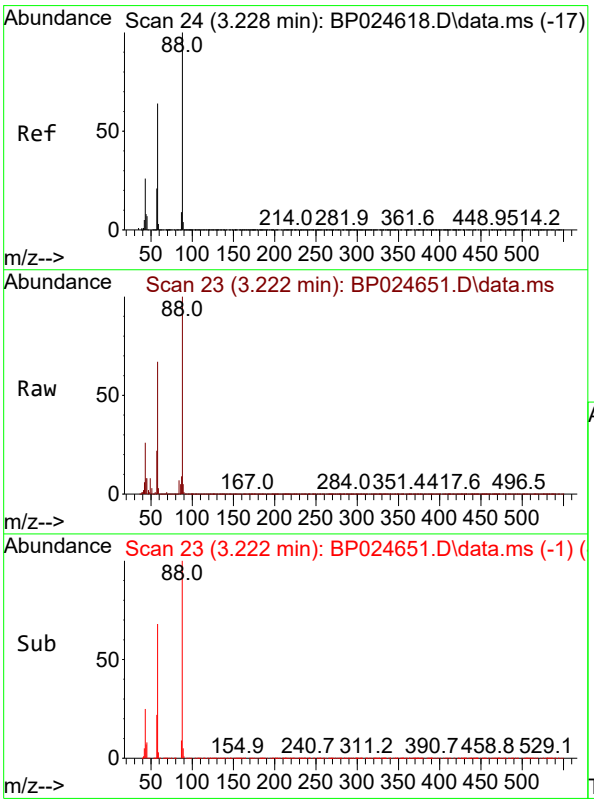
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 118329

Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.9	188.9
115	65.0	50.1	75.1

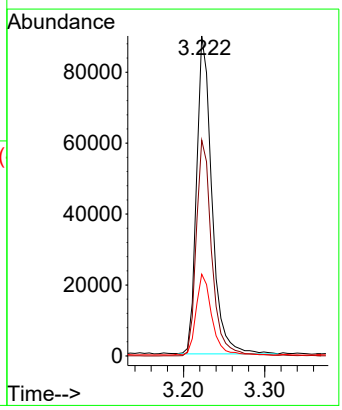


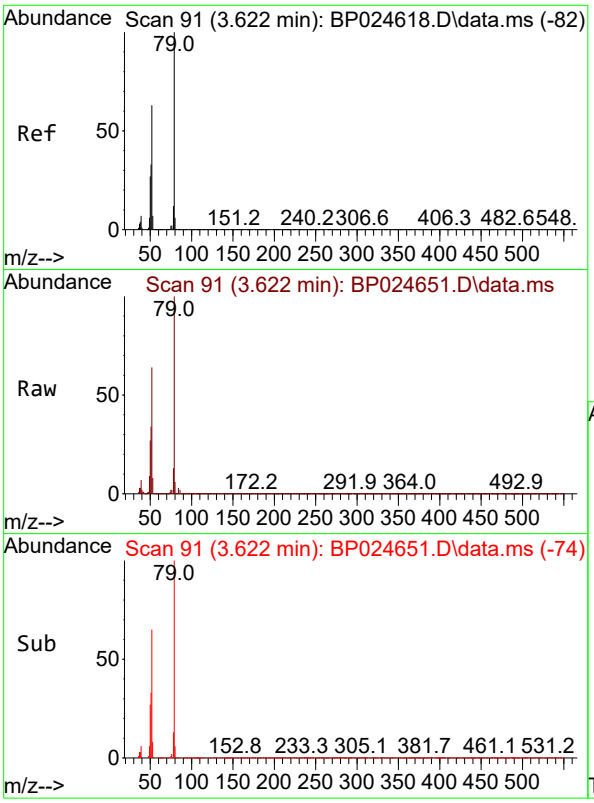


#2
1,4-Dioxane
Concen: 36.174 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 88 Resp: 117515

Ion	Ratio	Lower	Upper
88	100		
58	68.9	54.0	81.0
43	26.2	21.4	32.0



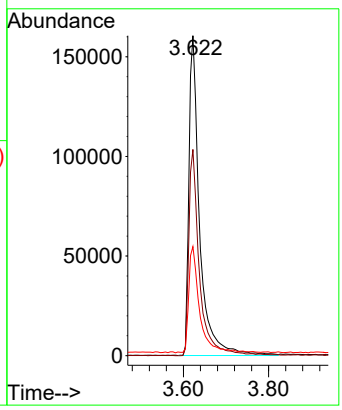


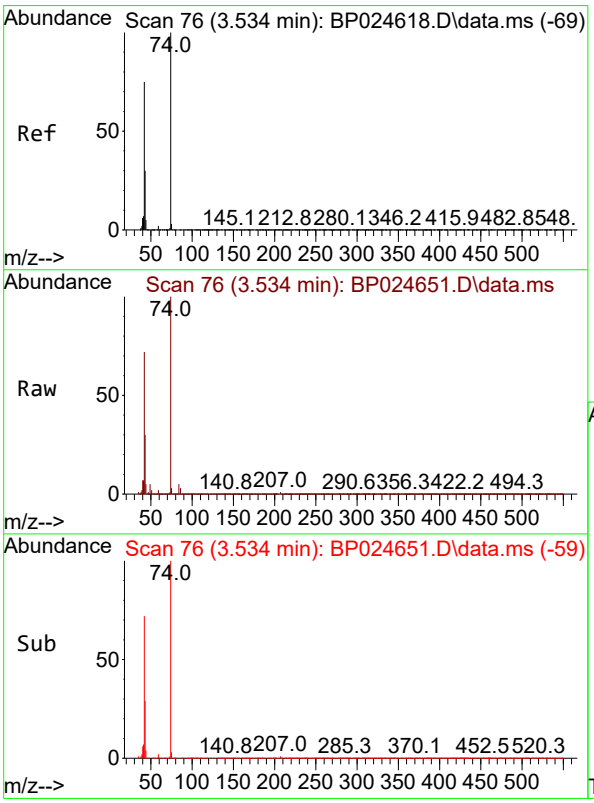
#3
Pyridine
Concen: 38.975 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 280752

Ion	Ratio	Lower	Upper
79	100		
52	64.5	50.2	75.2
51	34.1	26.8	40.2

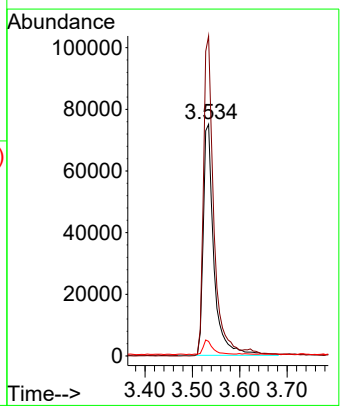


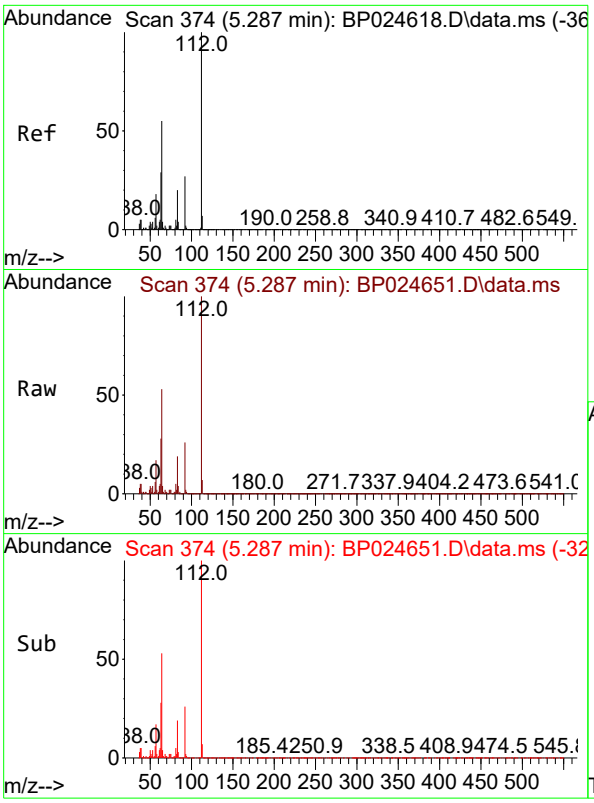


#4
n-Nitrosodimethylamine
Concen: 36.784 ng
RT: 3.534 min Scan# 76
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 42 Resp: 116978

Ion	Ratio	Lower	Upper
42	100		
74	138.2	106.2	159.2
44	6.3	5.4	8.2



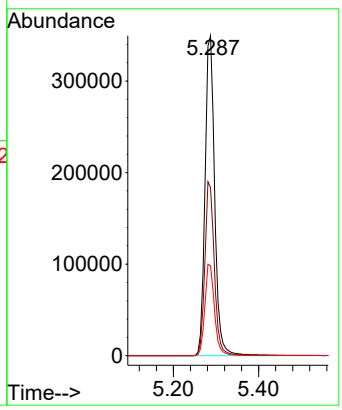


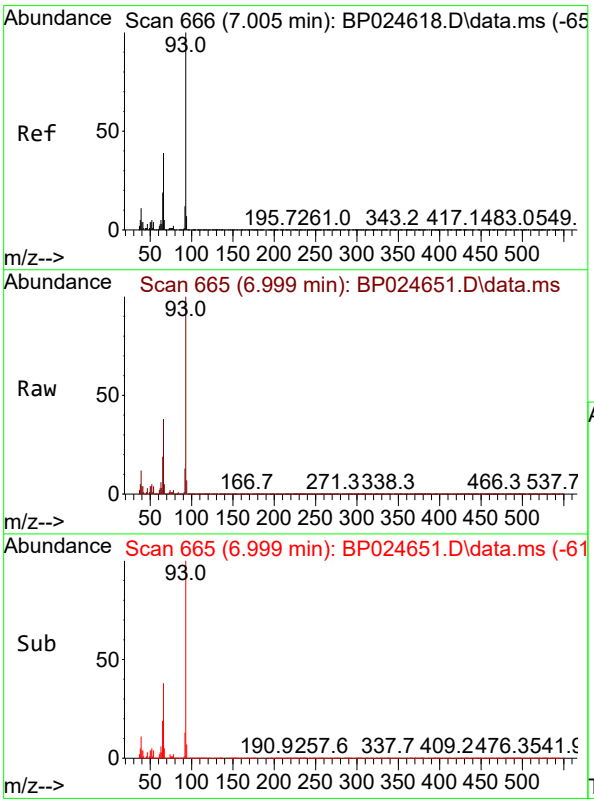
#5
2-Fluorophenol
Concen: 79.351 ng
RT: 5.287 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 548974

Ion	Ratio	Lower	Upper
112	100		
64	52.5	44.1	66.1
63	28.1	23.5	35.3

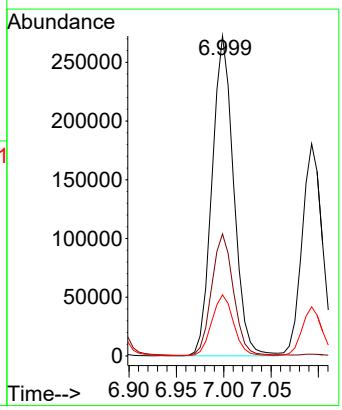


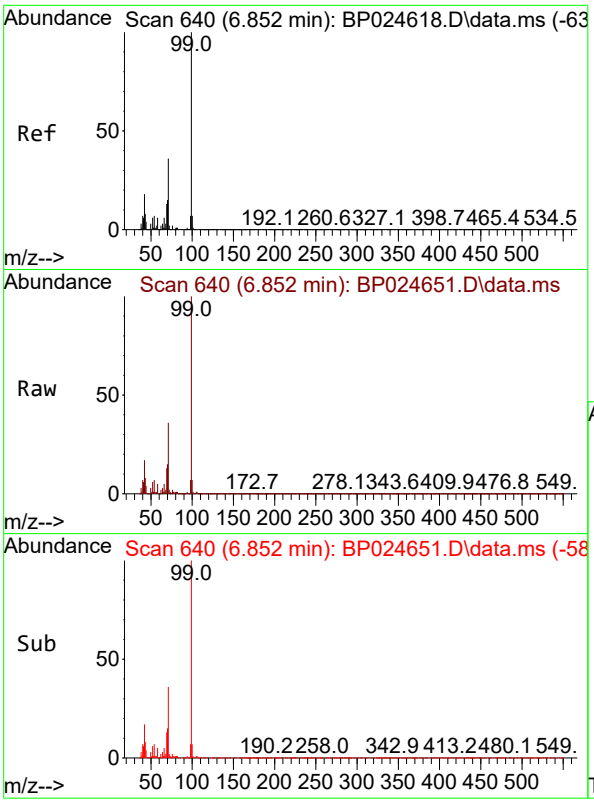


#6
Aniline
Concen: 37.929 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 93 Resp: 432388

Ion	Ratio	Lower	Upper
93	100		
66	38.2	31.0	46.6
65	19.1	15.5	23.3



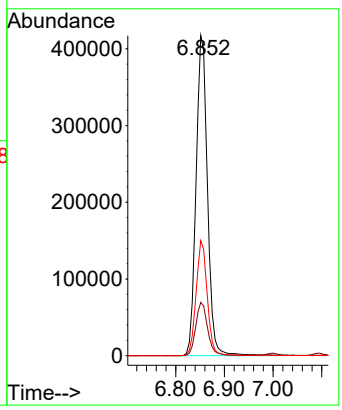


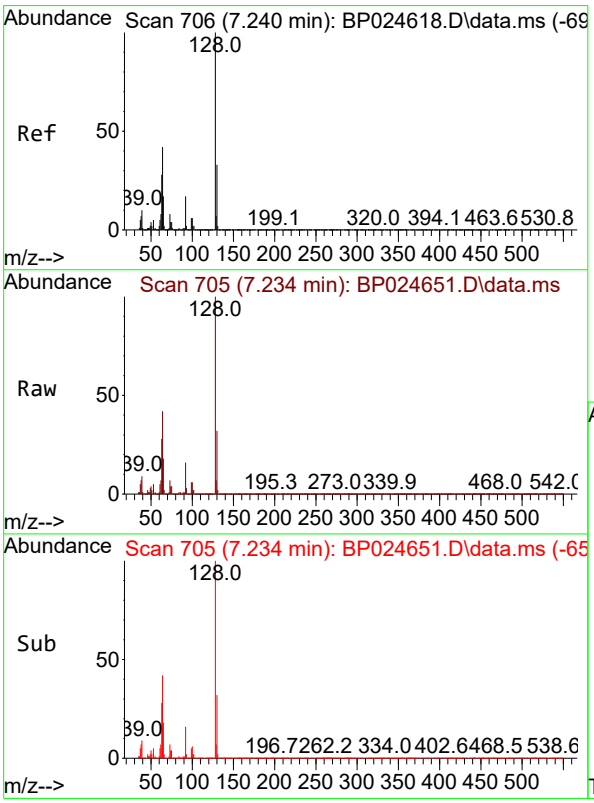
#7
Phenol-d6
Concen: 77.404 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 683450

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.4	21.6
71	35.9	29.2	43.8

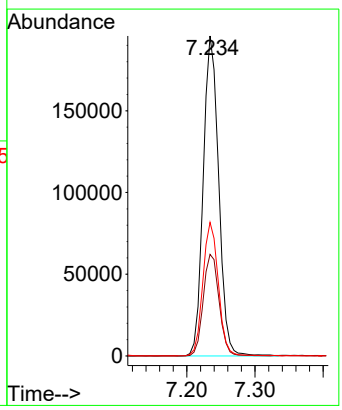


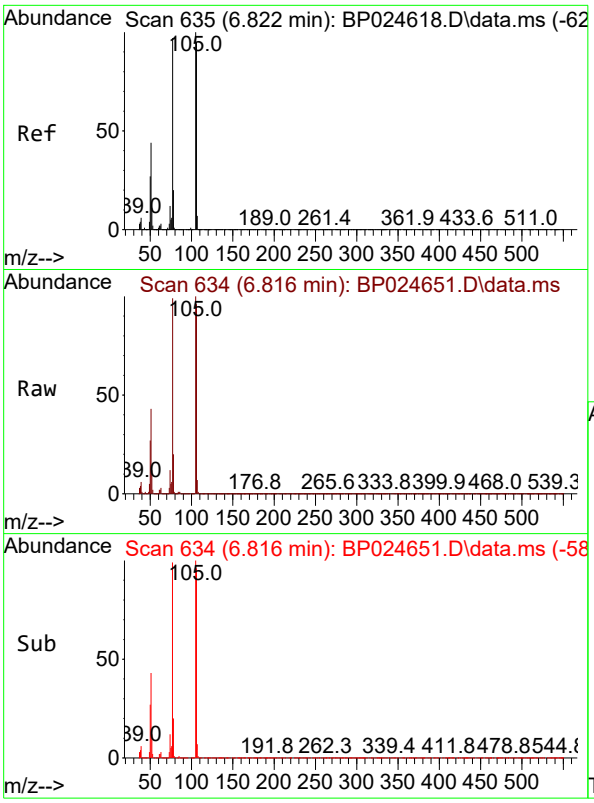


#8
2-Chlorophenol
Concen: 39.363 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:128 Resp: 309148

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	41.8	22.3	62.3



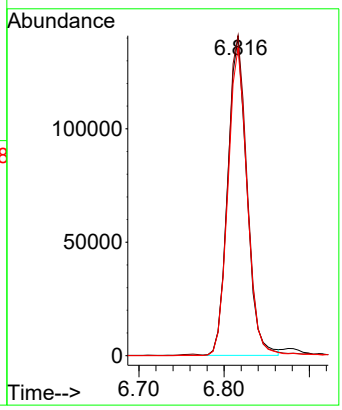


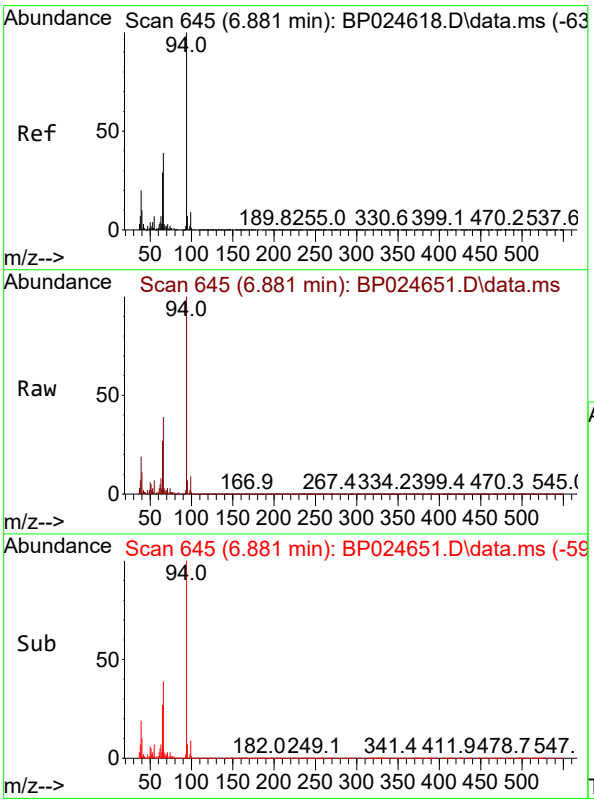
#9
Benzaldehyde
Concen: 38.153 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 218072

Ion	Ratio	Lower	Upper
77	100		
105	100.6	83.3	123.3
106	96.7	78.0	118.0

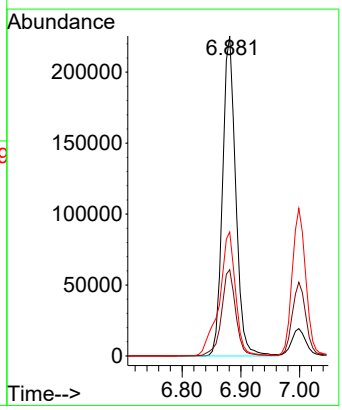


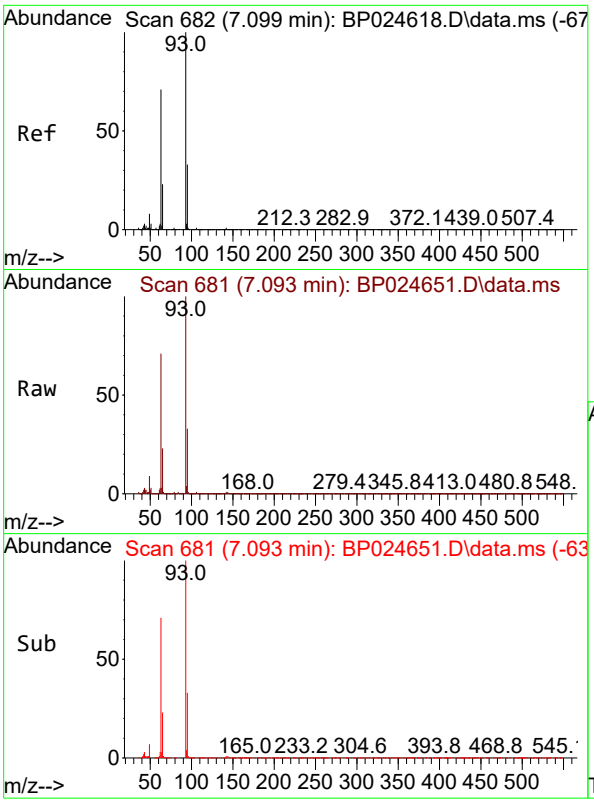


#10
Phenol
Concen: 38.558 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 94 Resp: 351394

Ion	Ratio	Lower	Upper
94	100		
65	26.9	8.7	48.7
66	38.8	19.4	59.4



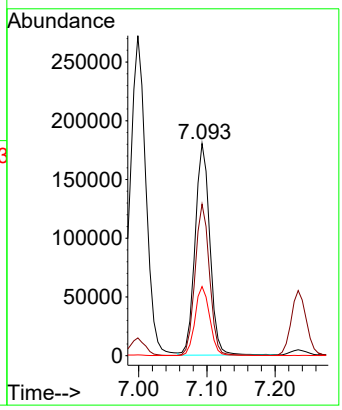


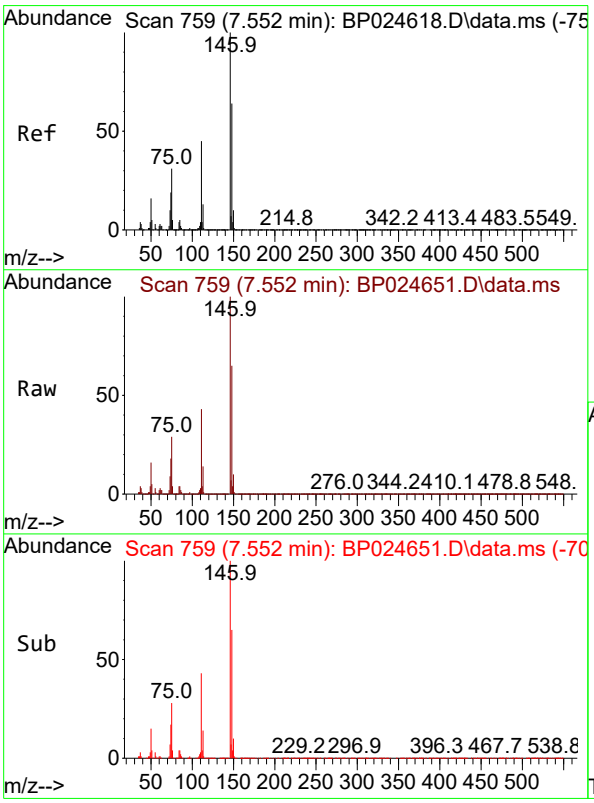
#11
bis(2-Chloroethyl)ether
Concen: 36.016 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 269705

Ion	Ratio	Lower	Upper
93	100		
63	71.5	50.6	90.6
95	32.6	12.9	52.9

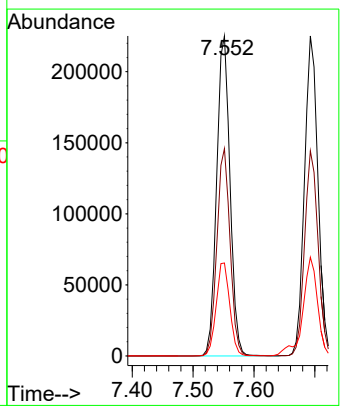


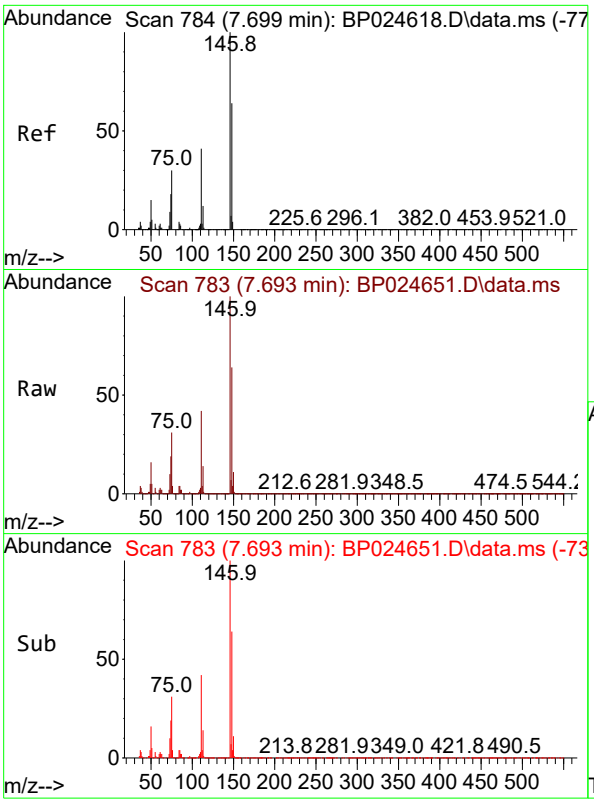


#12
1,3-Dichlorobenzene
Concen: 37.769 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:146 Resp: 341277

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	29.0	25.2	37.8



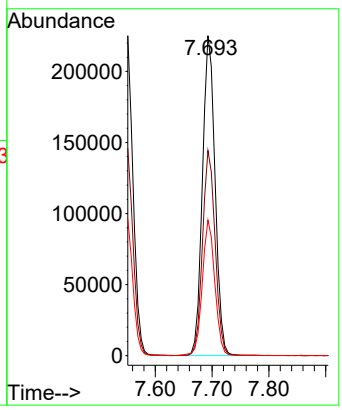


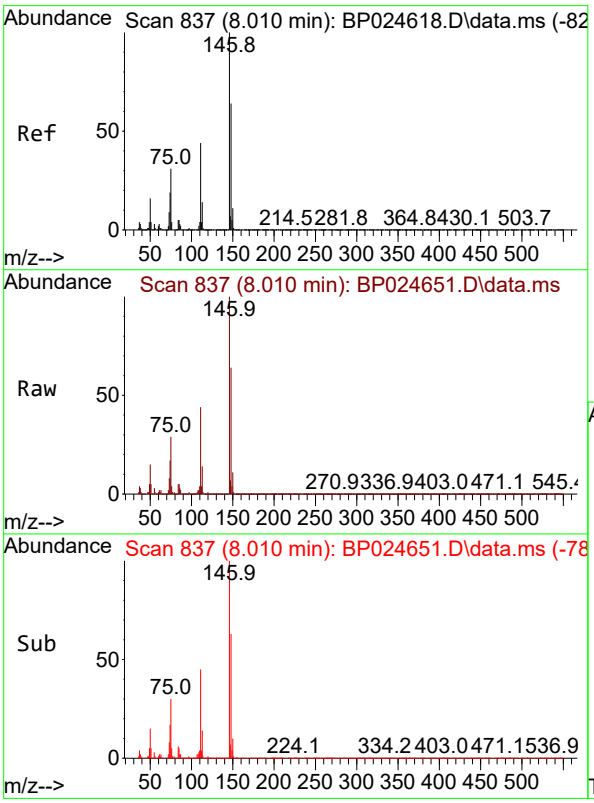
#13
1,4-Dichlorobenzene
Concen: 38.080 ng
RT: 7.693 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 346067

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	42.3	33.0	49.6

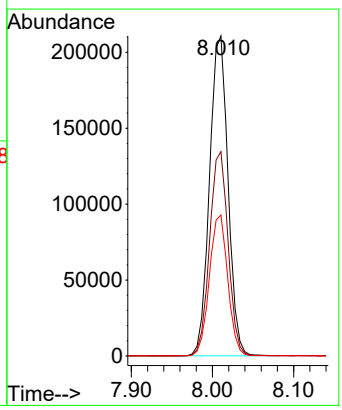


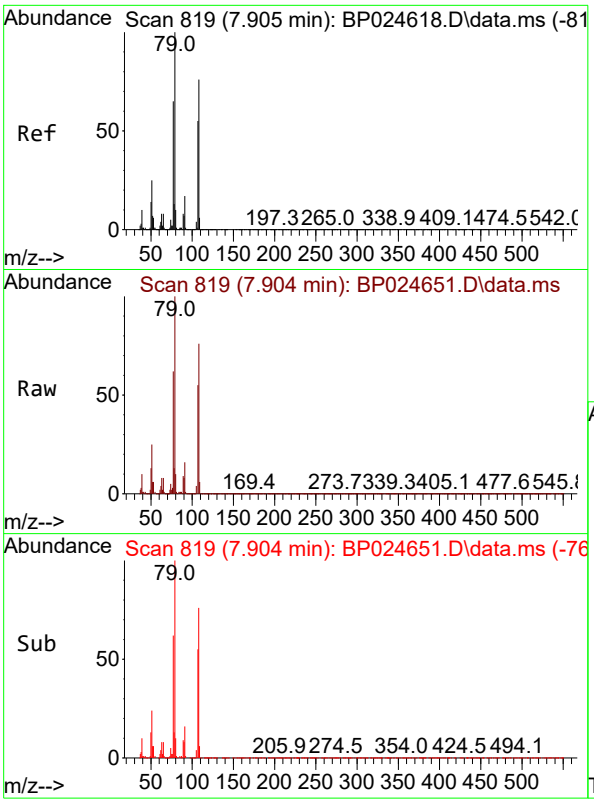


#14
1,2-Dichlorobenzene
Concen: 37.613 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:146 Resp: 333086

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	44.0	35.2	52.8



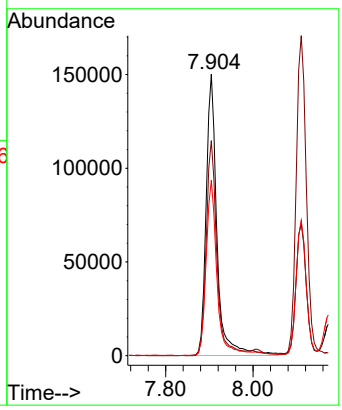


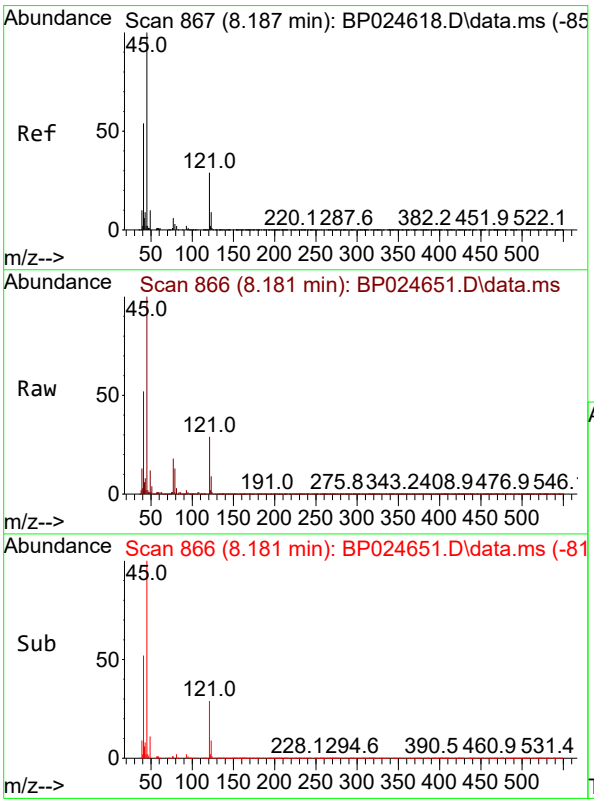
#15
Benzyl Alcohol
Concen: 38.554 ng
RT: 7.904 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 258691

Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.8	91.2
77	62.3	51.9	77.9

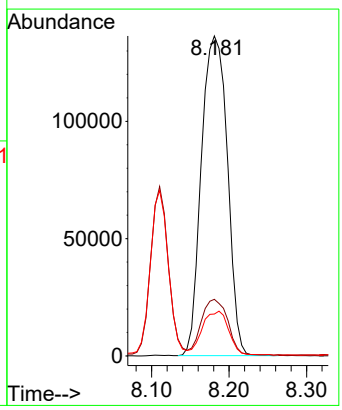


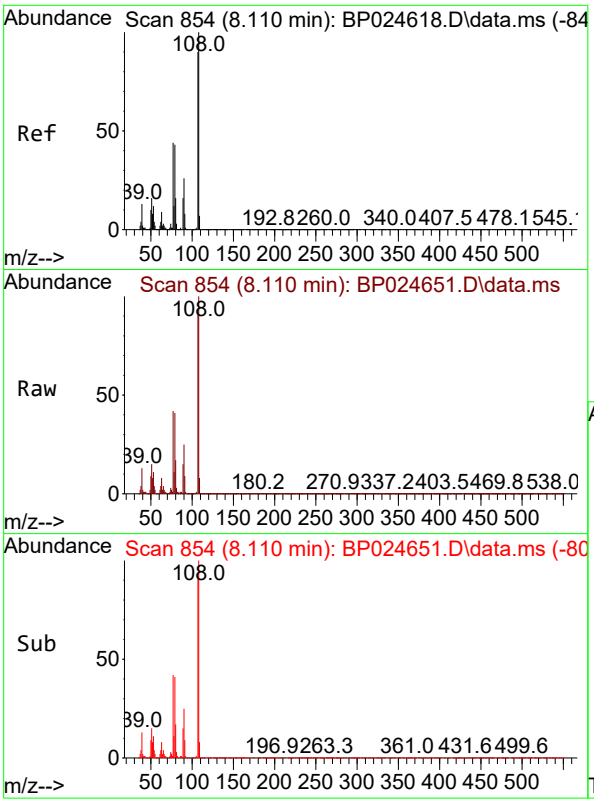


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.351 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 45 Resp: 317027

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.7
79	13.1	0.0	34.0



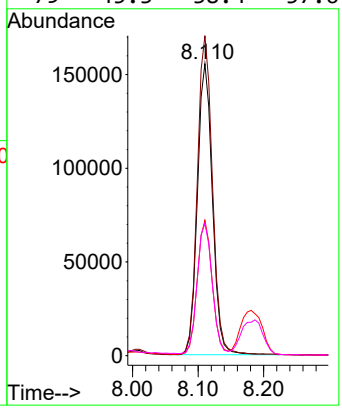


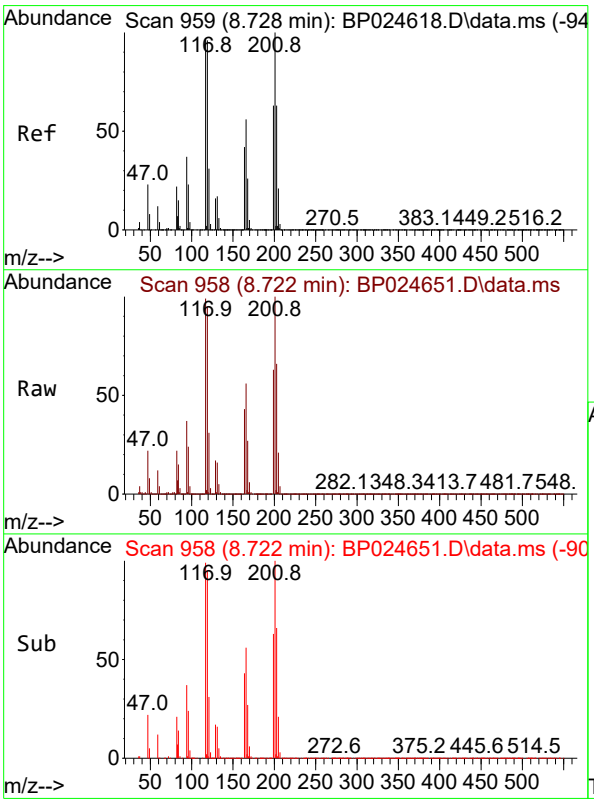
#17
2-Methylphenol
Concen: 37.876 ng
RT: 8.110 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 247572

Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.9	133.3
77	46.3	39.0	58.6
79	45.3	38.4	57.6

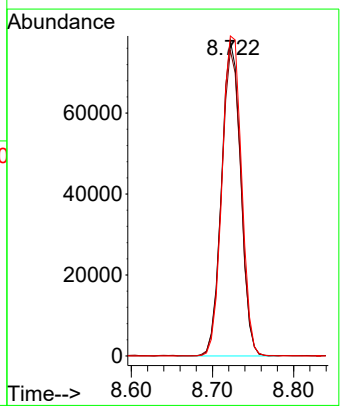


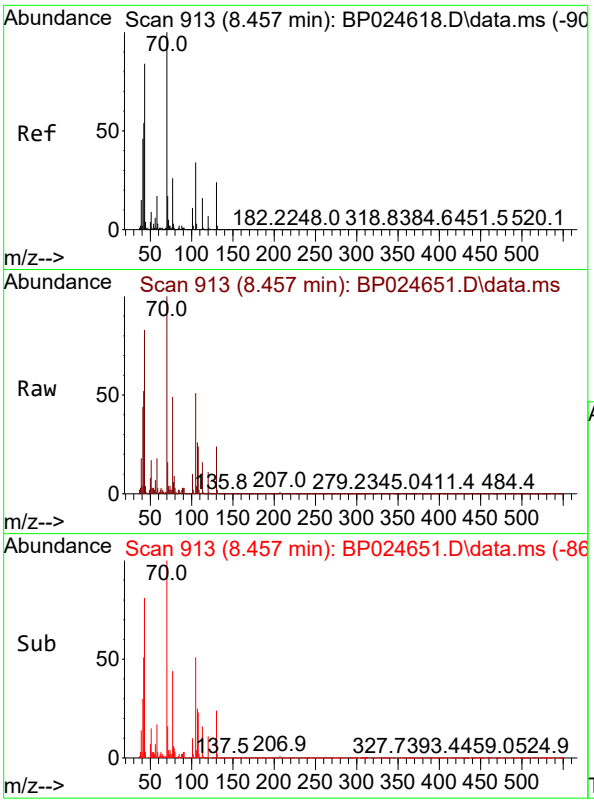


#18
Hexachloroethane
Concen: 36.679 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:117 Resp: 127737

Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.4	119.0
201	101.4	82.7	124.1



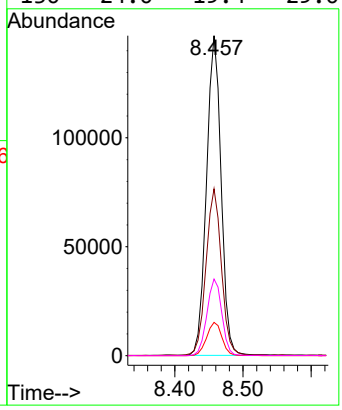


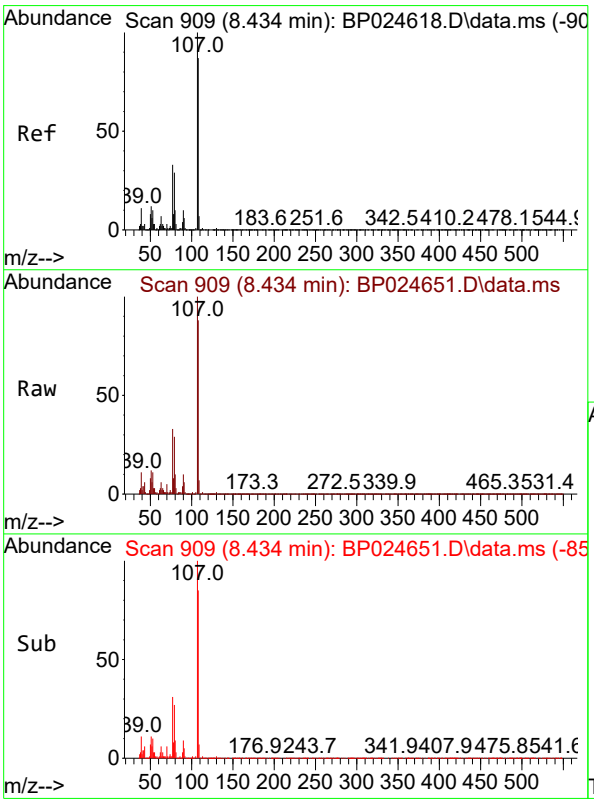
#19
n-Nitroso-di-n-propylamine
Concen: 35.809 ng
RT: 8.457 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 218714

Ion	Ratio	Lower	Upper
70	100		
42	52.1	43.0	64.6
101	10.4	8.7	13.1
130	24.0	19.4	29.0

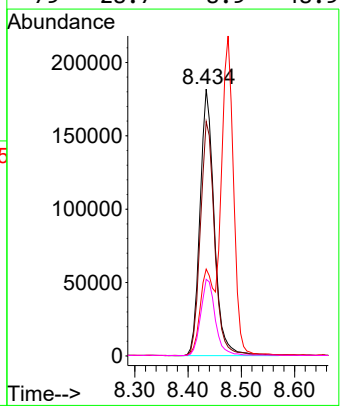


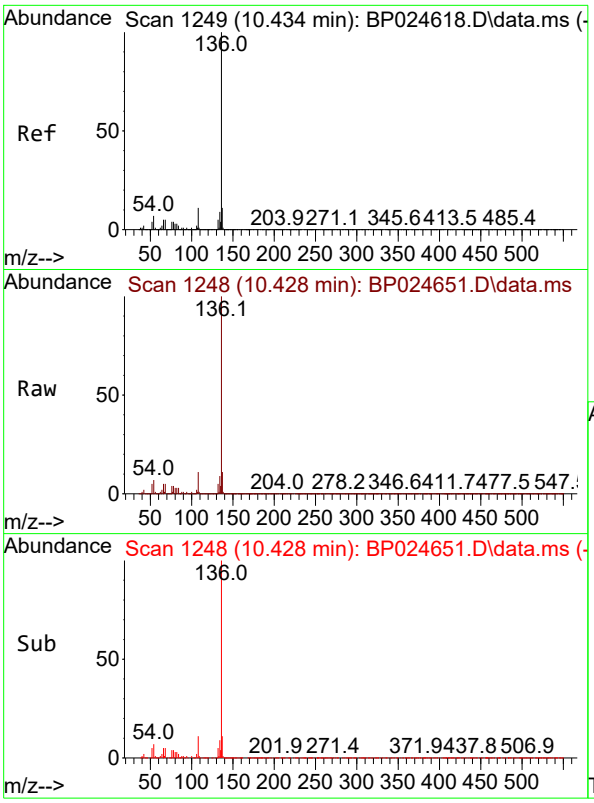


#20
3+4-Methylphenols
Concen: 37.884 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:107 Resp: 336836

Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.7	106.7
77	32.6	13.1	53.1
79	28.7	8.9	48.9



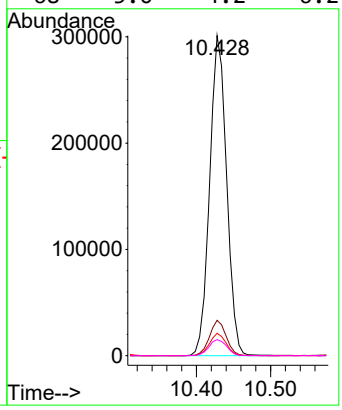


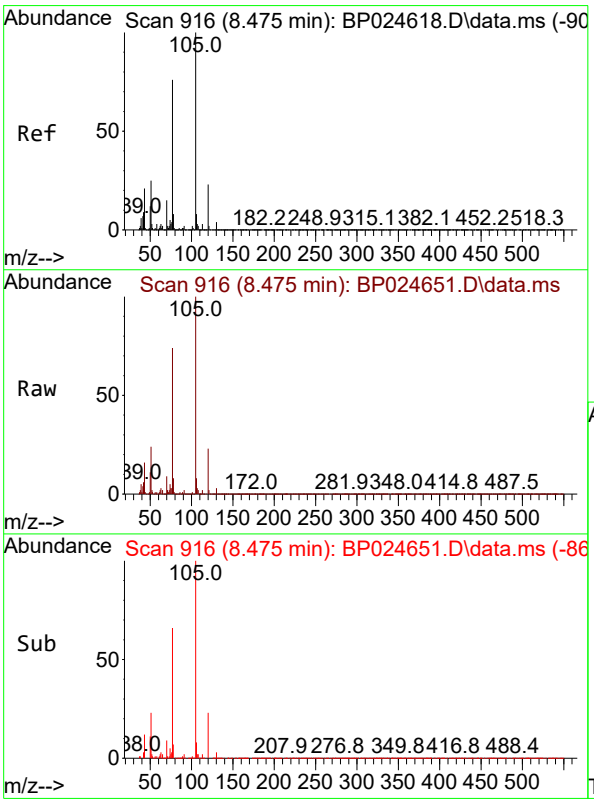
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 478267

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	5.5	8.3
68	5.0	4.2	6.2

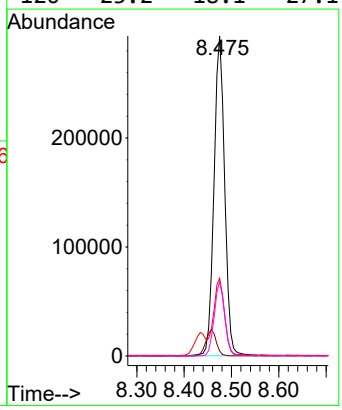


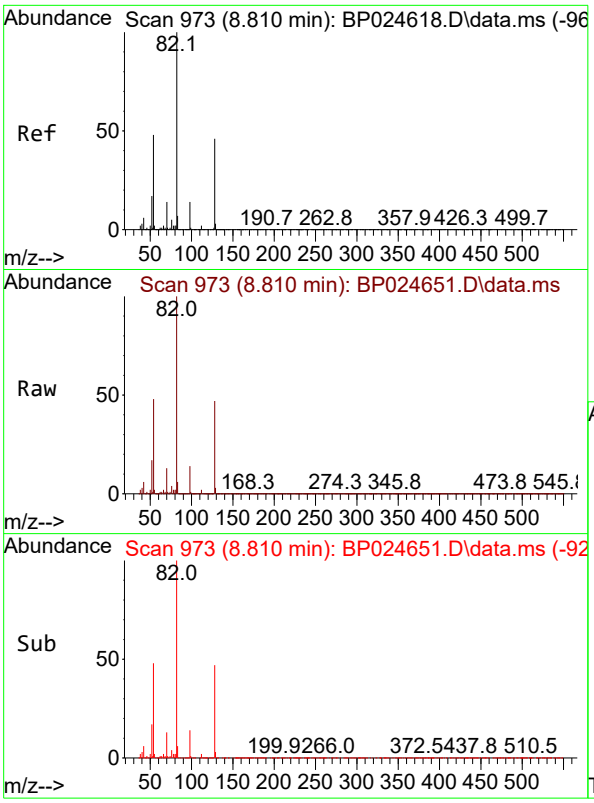


#22
Acetophenone
Concen: 38.672 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:105 Resp: 462004

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.0	3.0#
51	24.3	20.4	30.6
120	23.2	18.1	27.1



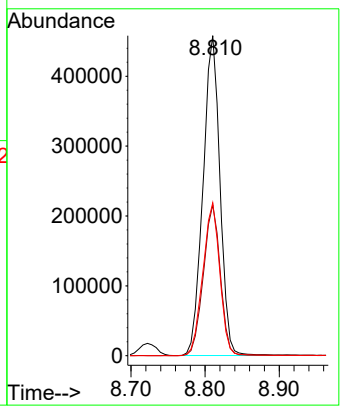


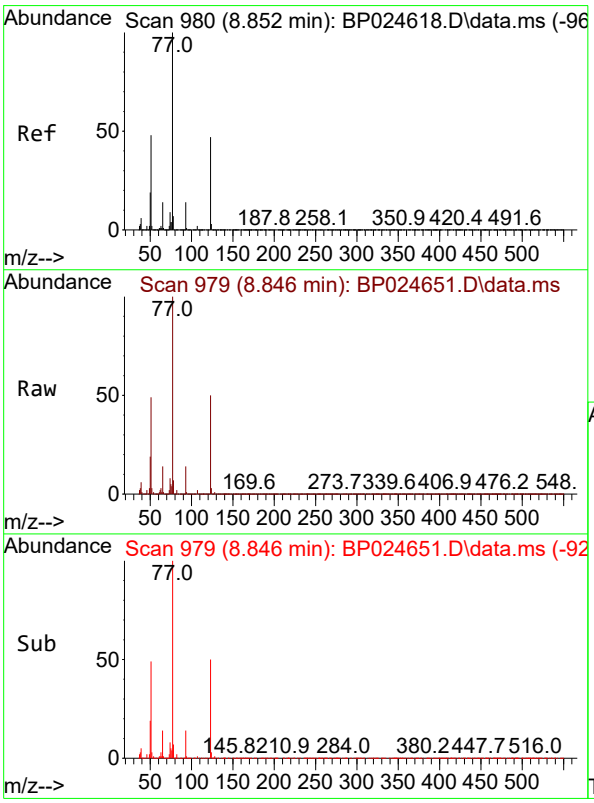
#23
Nitrobenzene-d5
Concen: 77.002 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 728876

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.0	55.4
54	47.8	38.7	58.1

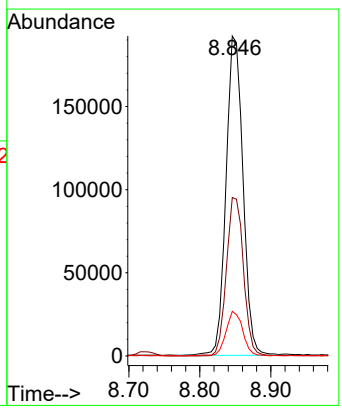


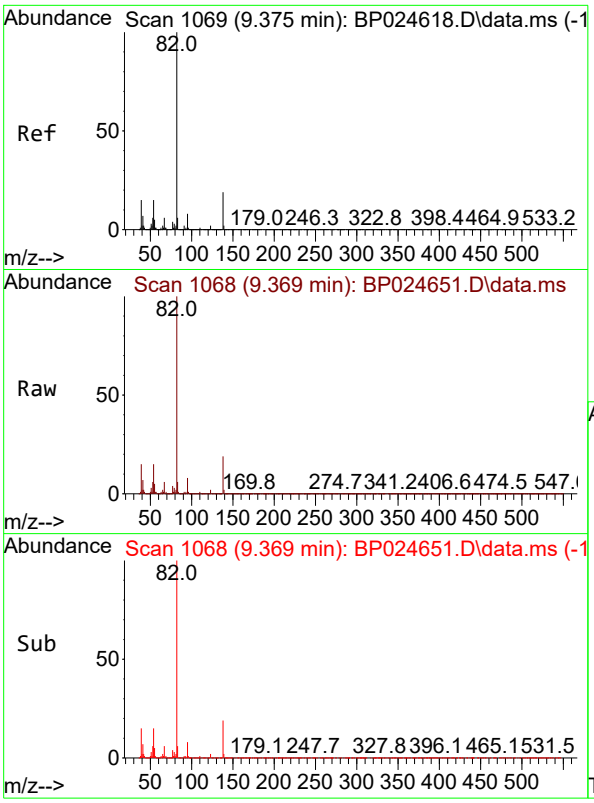


#24
Nitrobenzene
Concen: 38.154 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 77 Resp: 317818

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.4	56.0
65	14.0	11.3	16.9



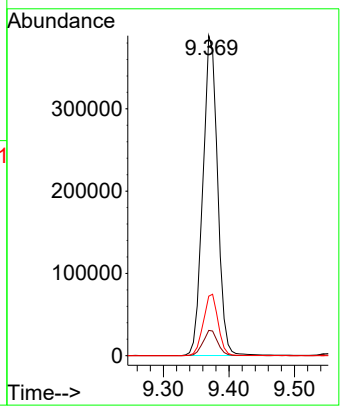


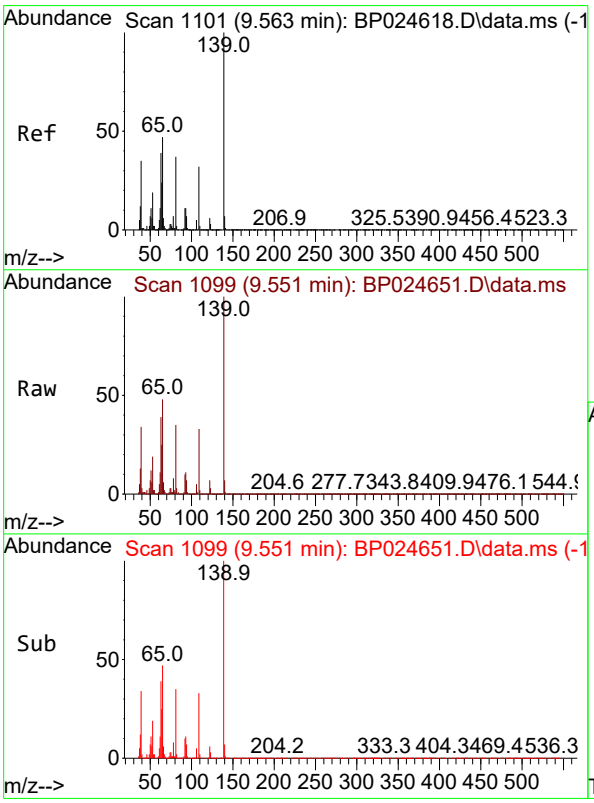
#25
Isophorone
Concen: 37.080 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 608837

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	18.6	15.3	22.9

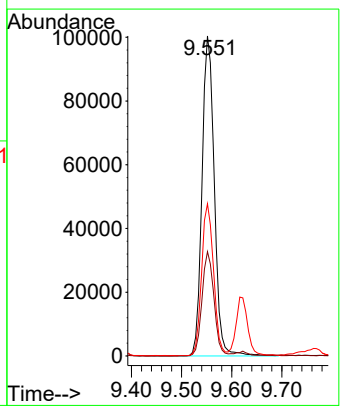


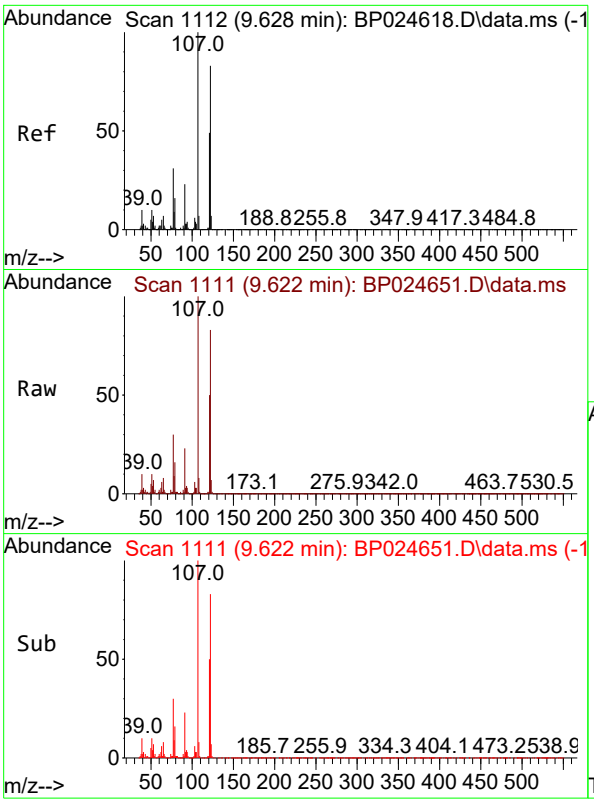


#26
2-Nitrophenol
Concen: 42.032 ng
RT: 9.551 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:139 Resp: 171567

Ion	Ratio	Lower	Upper
139	100		
109	32.6	25.9	38.9
65	47.5	37.9	56.9



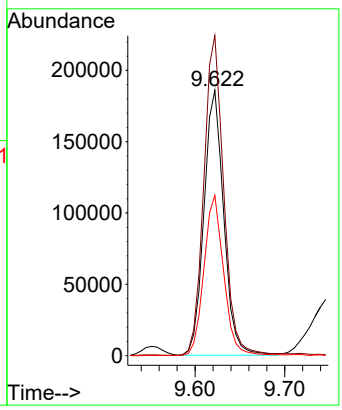


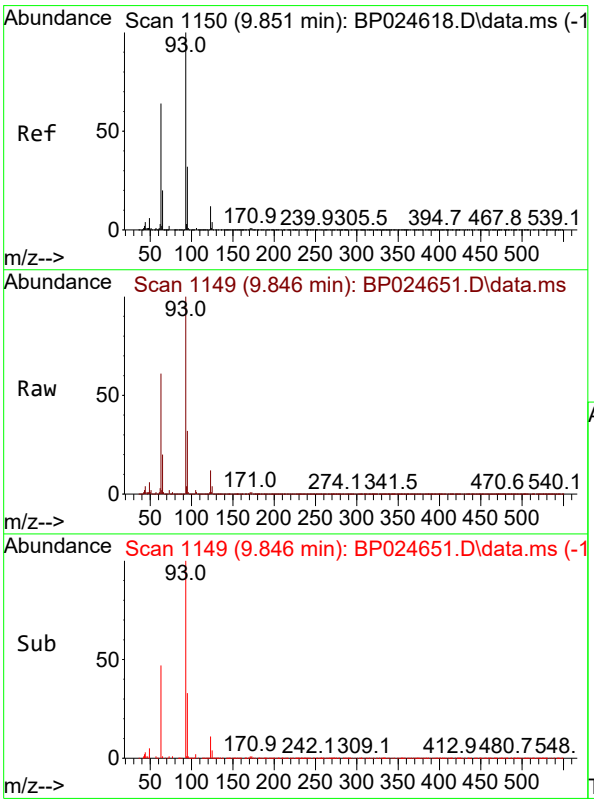
#27
2,4-Dimethylphenol
Concen: 39.604 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 285016

Ion	Ratio	Lower	Upper
122	100		
107	120.7	96.2	144.2
121	60.4	47.6	71.4

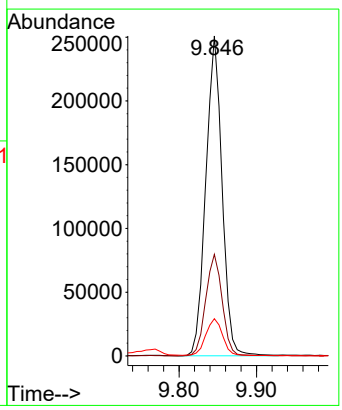


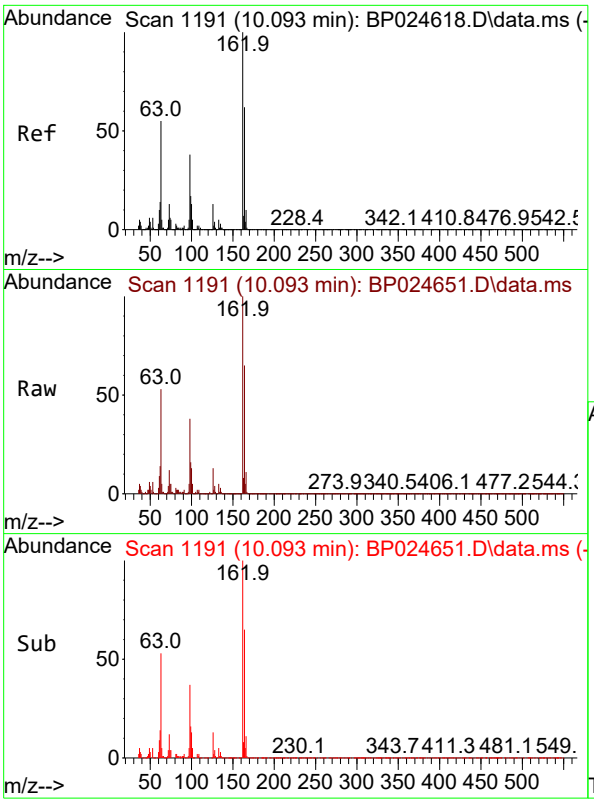


#28
bis(2-Chloroethoxy)methane
Concen: 37.133 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 93 Resp: 364258

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.5	38.3
123	11.6	9.7	14.5



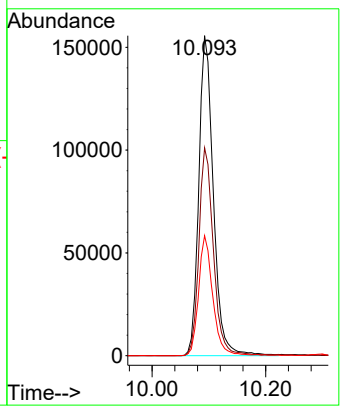


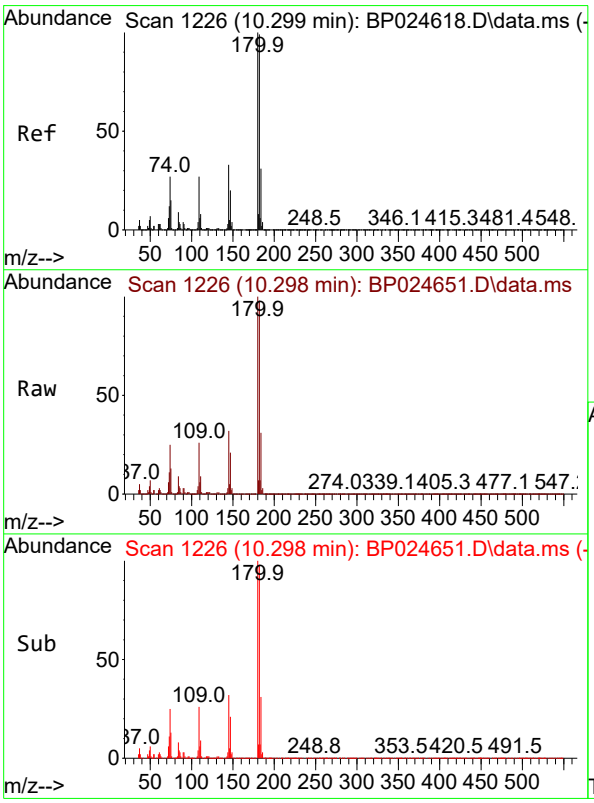
#29
2,4-Dichlorophenol
Concen: 39.772 ng
RT: 10.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 277368

Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.3	82.3
98	37.5	18.4	58.4

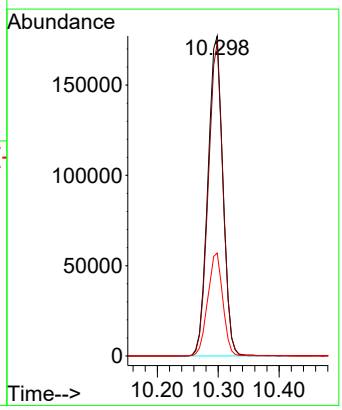


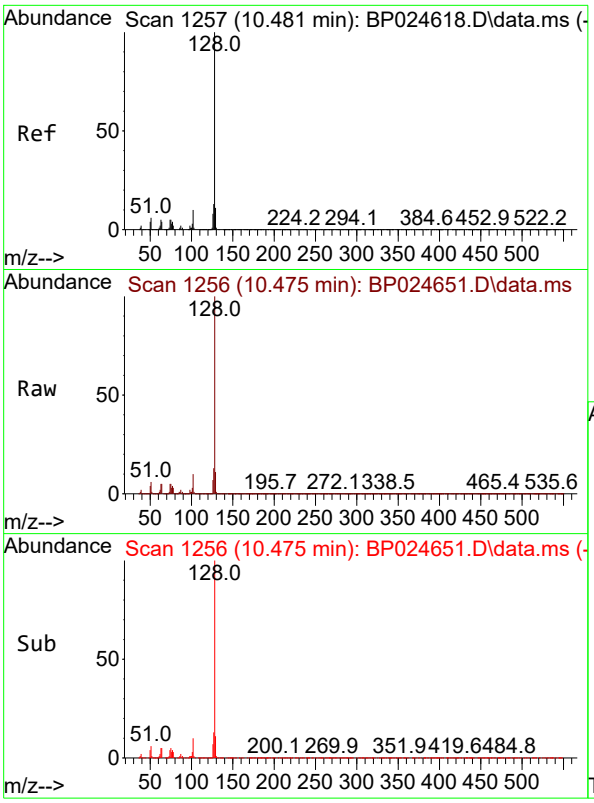


#30
1,2,4-Trichlorobenzene
Concen: 38.739 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:180 Resp: 304446

Ion	Ratio	Lower	Upper
180	100		
182	97.8	79.0	118.4
145	32.2	26.6	39.8



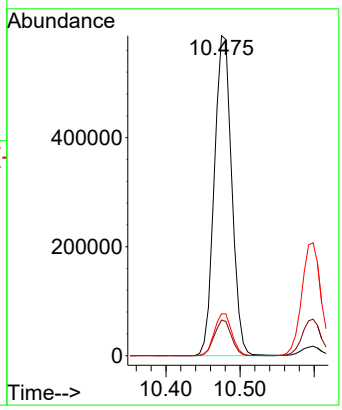


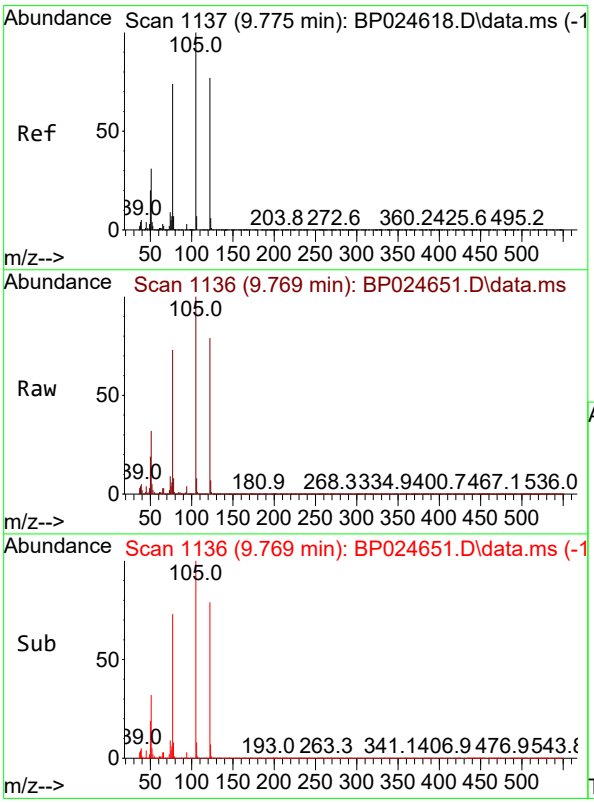
#31
Naphthalene
Concen: 38.637 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 957591

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.1	10.7	16.1

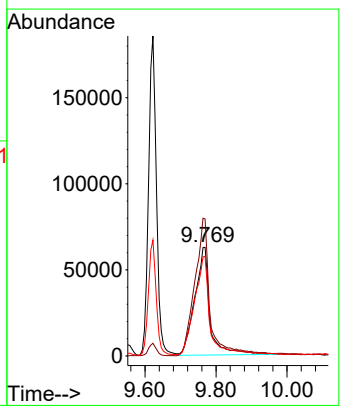


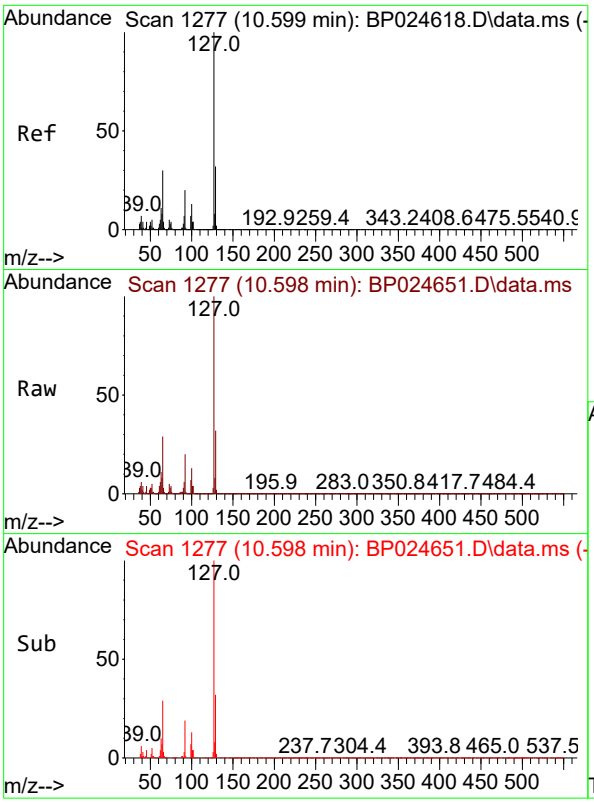


#32
Benzoic acid
Concen: 38.981 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:122 Resp: 186970

Ion	Ratio	Lower	Upper
122	100		
105	126.1	106.9	146.9
77	92.0	75.1	115.1



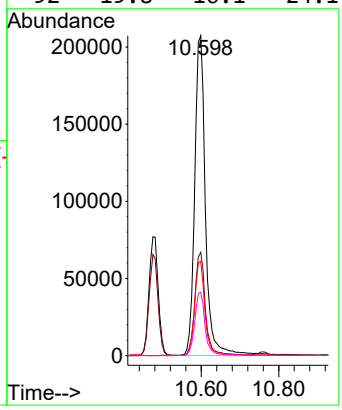


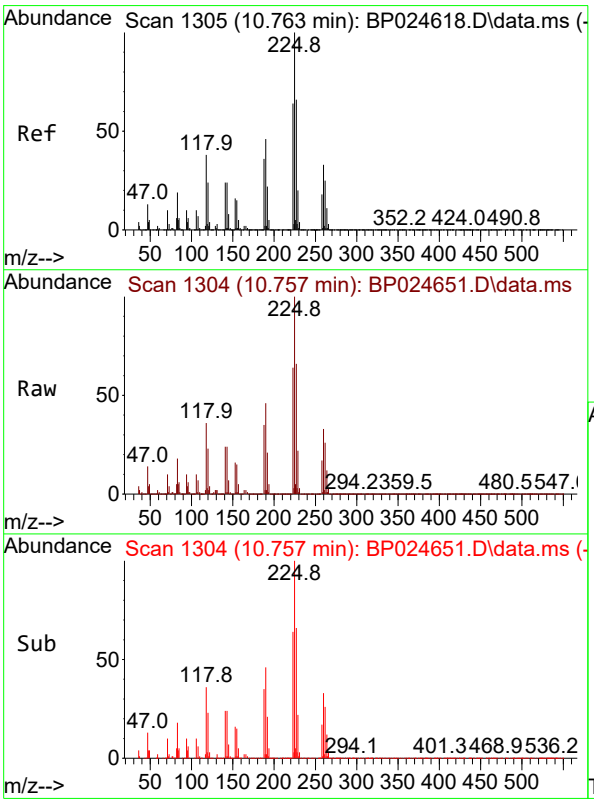
#33
4-Chloroaniline
Concen: 40.099 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 401035

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.4	23.9	35.9
92	19.8	16.1	24.1

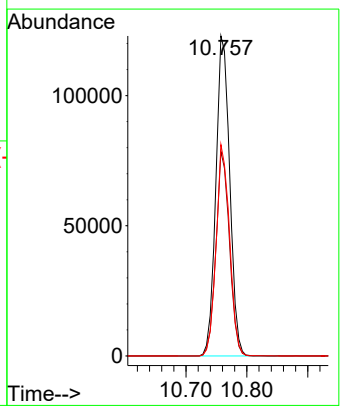


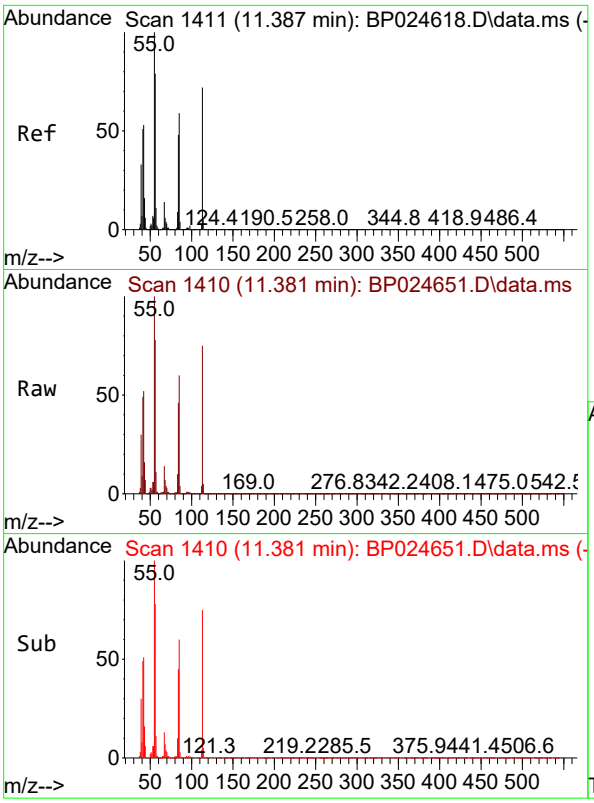


#34
Hexachlorobutadiene
Concen: 38.079 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:225 Resp: 193859

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	66.1	53.1	79.7



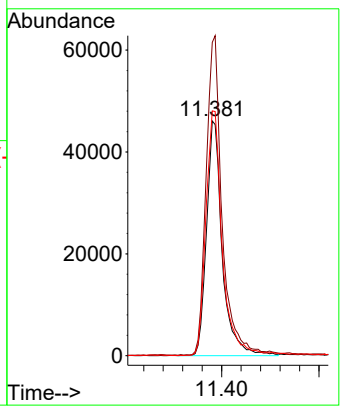


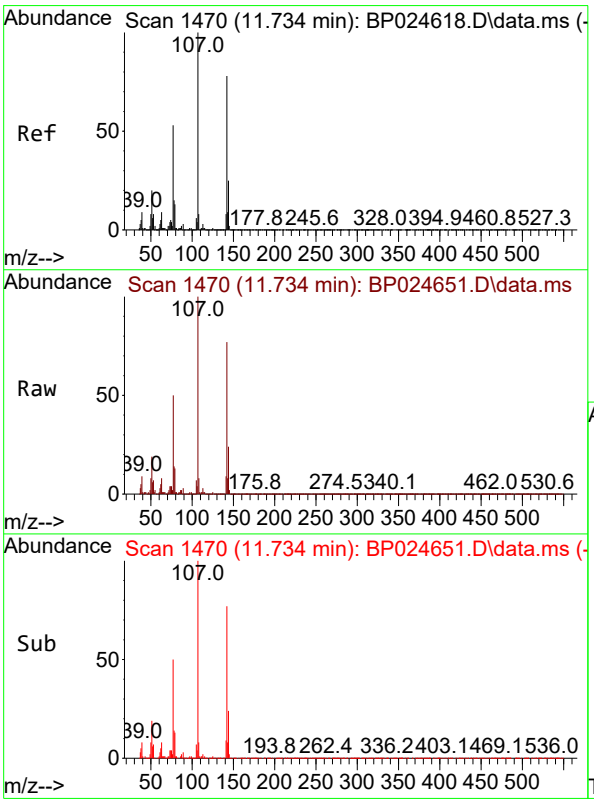
#35
Caprolactam
Concen: 40.675 ng
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 102630

Ion	Ratio	Lower	Upper
113	100		
55	133.4	119.0	159.0
56	104.3	90.3	130.3

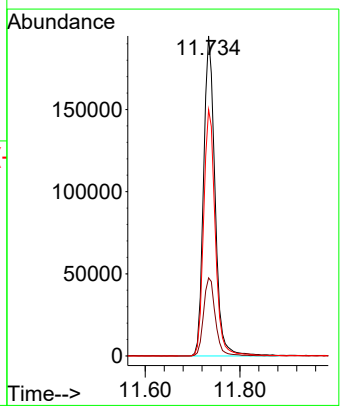


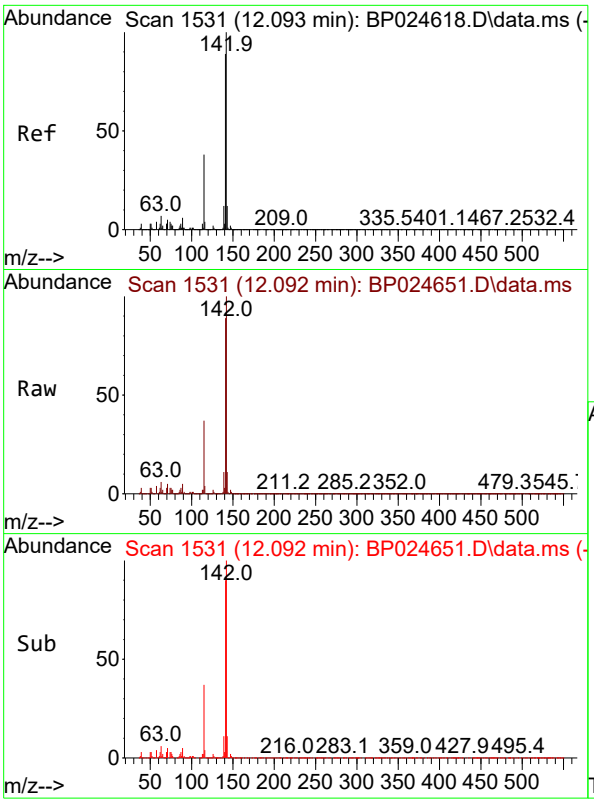


#36
4-Chloro-3-methylphenol
Concen: 38.277 ng
RT: 11.734 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:107 Resp: 325528

Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.1	30.1
142	77.0	62.1	93.1



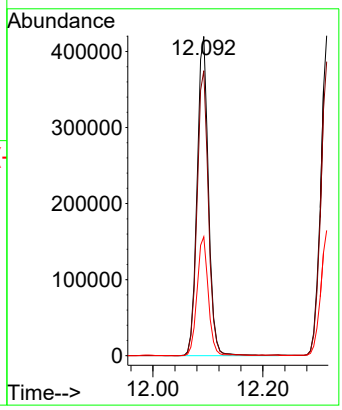


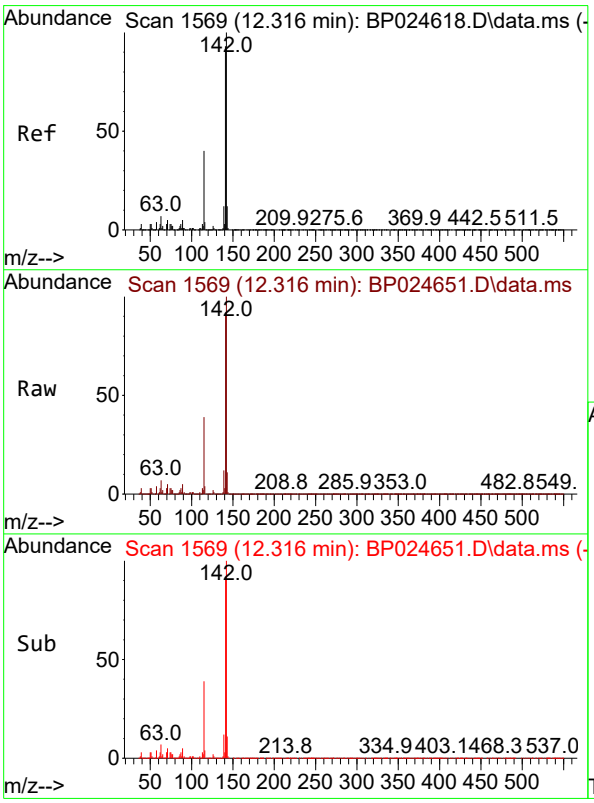
#37
2-Methylnaphthalene
Concen: 37.449 ng
RT: 12.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 600991

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	37.2	30.6	46.0

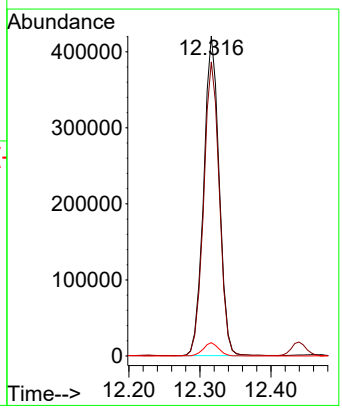


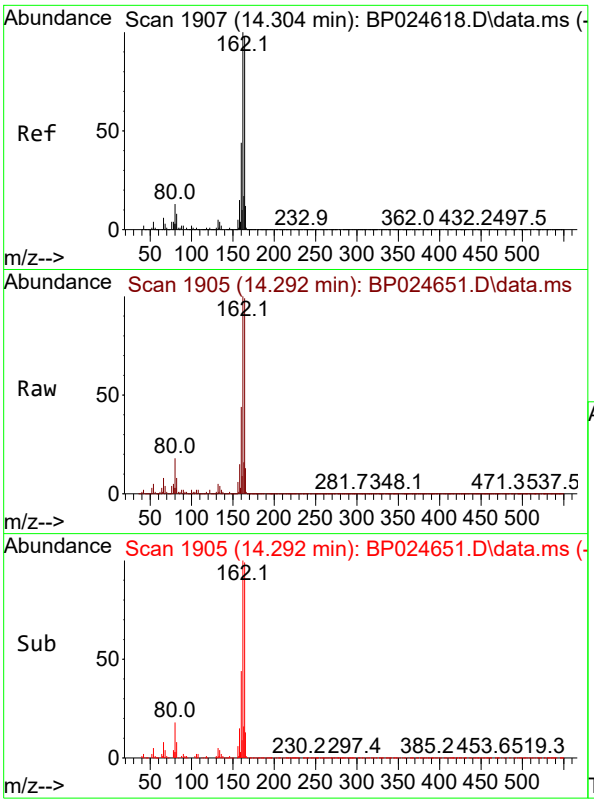


#38
1-Methylnaphthalene
Concen: 37.097 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:142 Resp: 636986

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.7	112.1
116	4.2	3.4	5.2



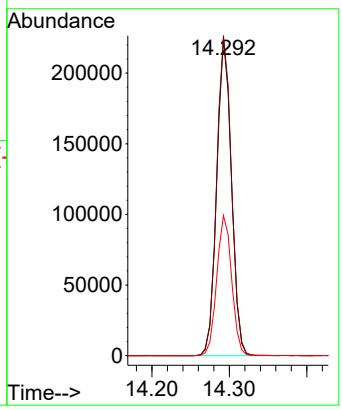


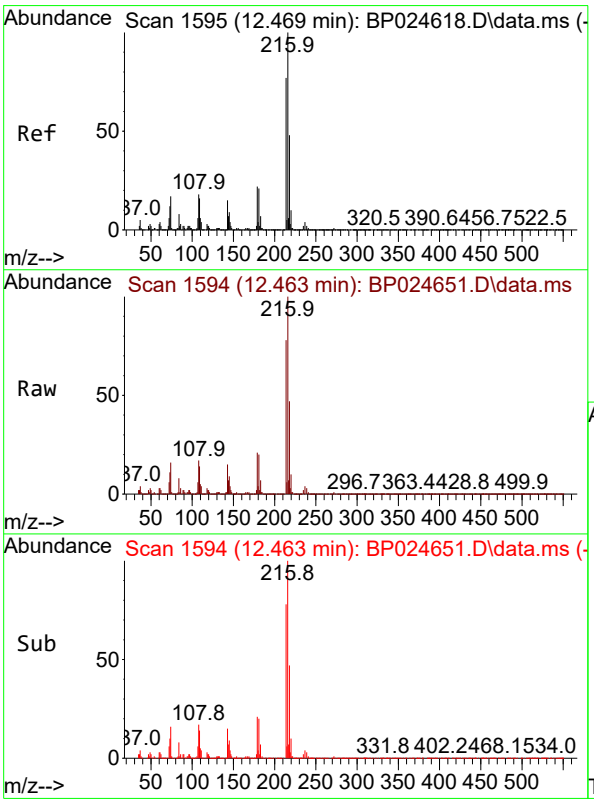
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 294926

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.6
160	44.3	36.3	54.5

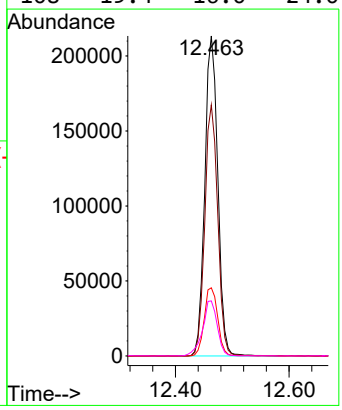


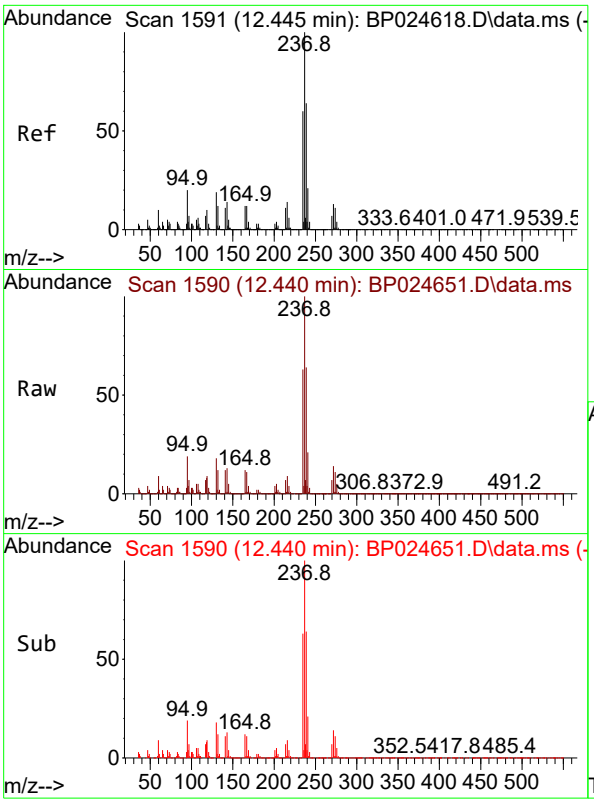


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.374 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:216 Resp: 337212

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
179	22.2	17.7	26.5
108	19.4	16.0	24.0



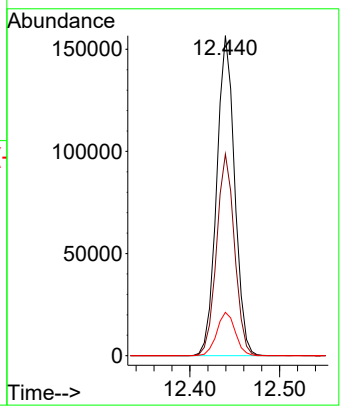


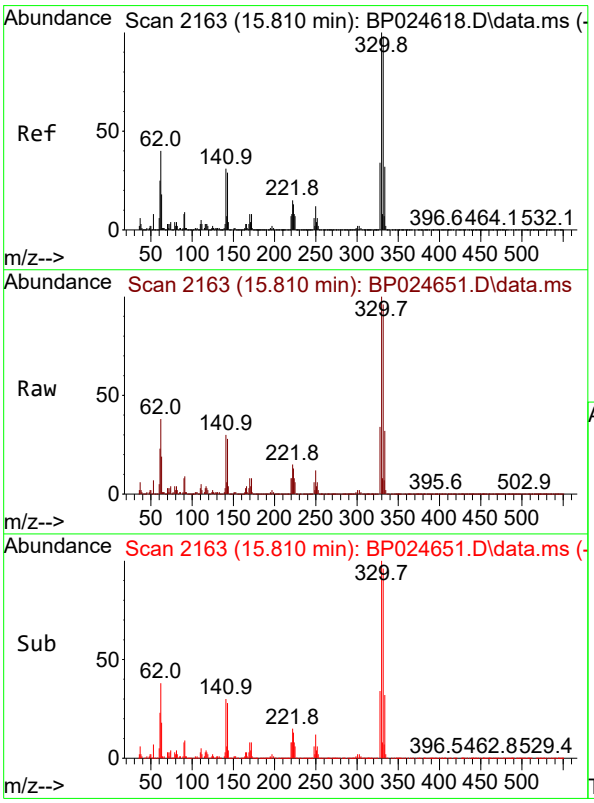
#41
Hexachlorocyclopentadiene
Concen: 41.897 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 217577

Ion	Ratio	Lower	Upper
237	100		
235	63.0	39.9	79.9
272	13.6	0.0	33.2

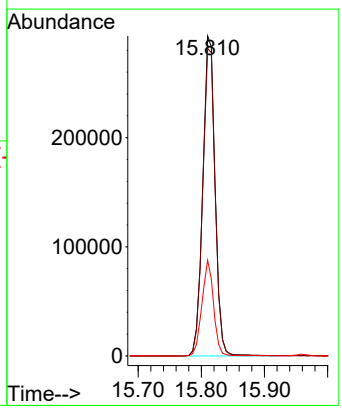


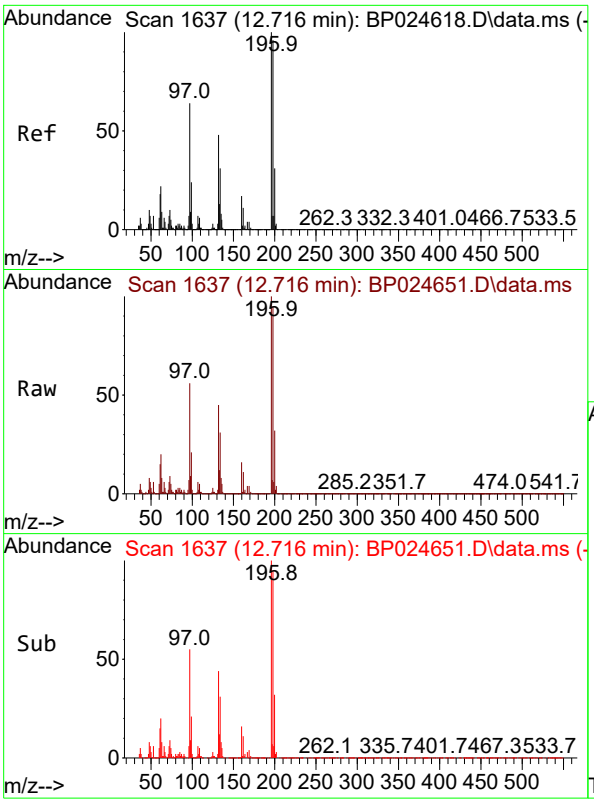


#42
2,4,6-Tribromophenol
Concen: 79.368 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:330 Resp: 396826

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.4
141	28.5	24.3	36.5



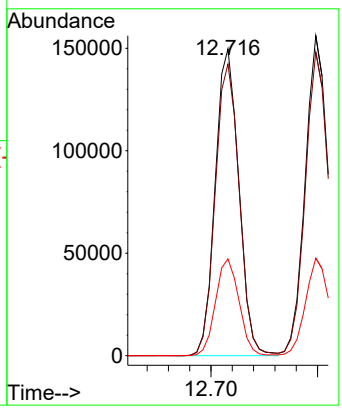


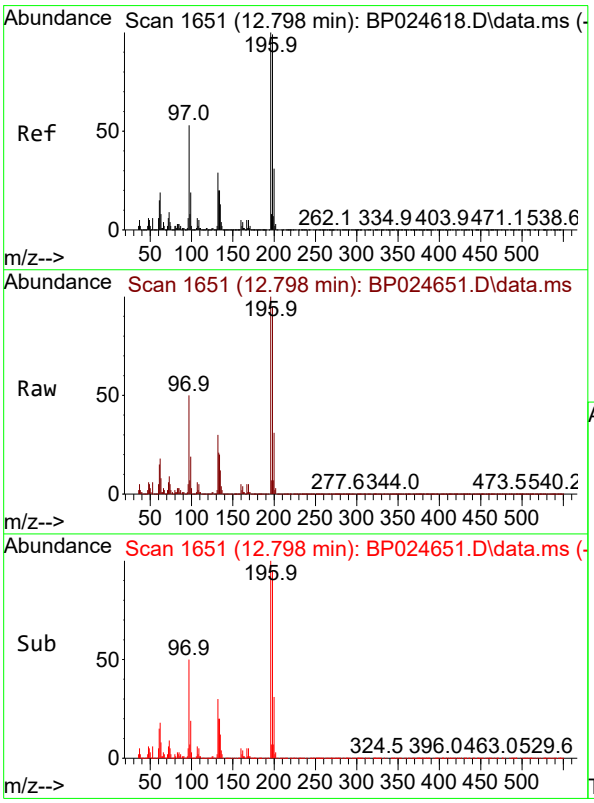
#43
2,4,6-Trichlorophenol
Concen: 41.535 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 230402

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.9	115.3
200	31.5	25.2	37.8

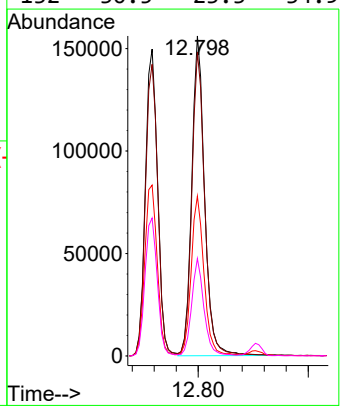


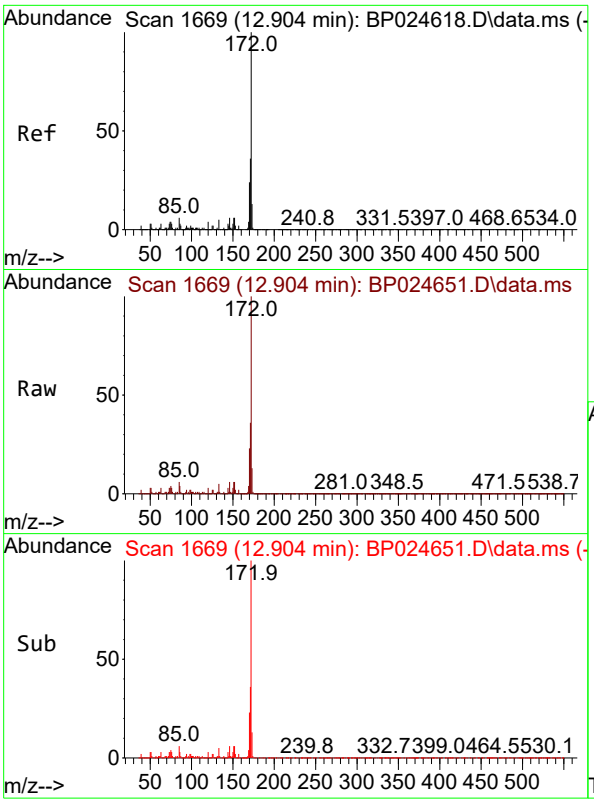


#44
2,4,5-Trichlorophenol
Concen: 40.990 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:196 Resp: 253105

Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.2	118.8
97	49.9	42.3	63.5
132	30.5	23.3	34.9



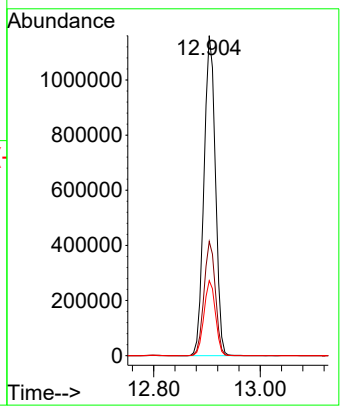


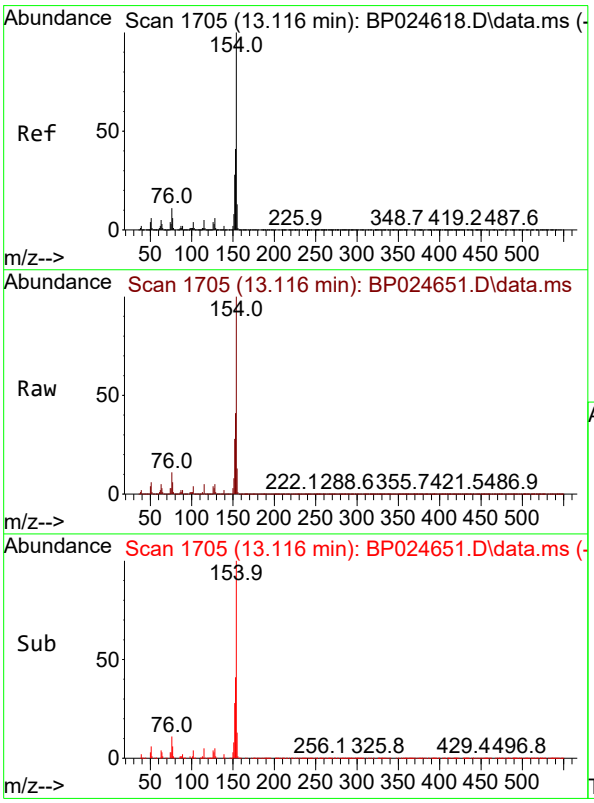
#45
2-Fluorobiphenyl
Concen: 76.883 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1730726

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.4	18.8	28.2

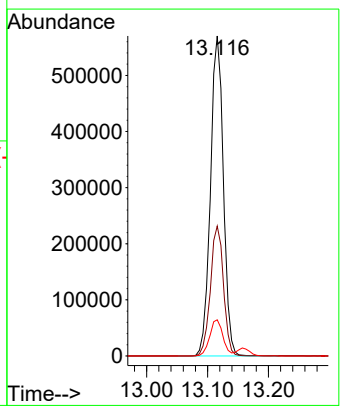


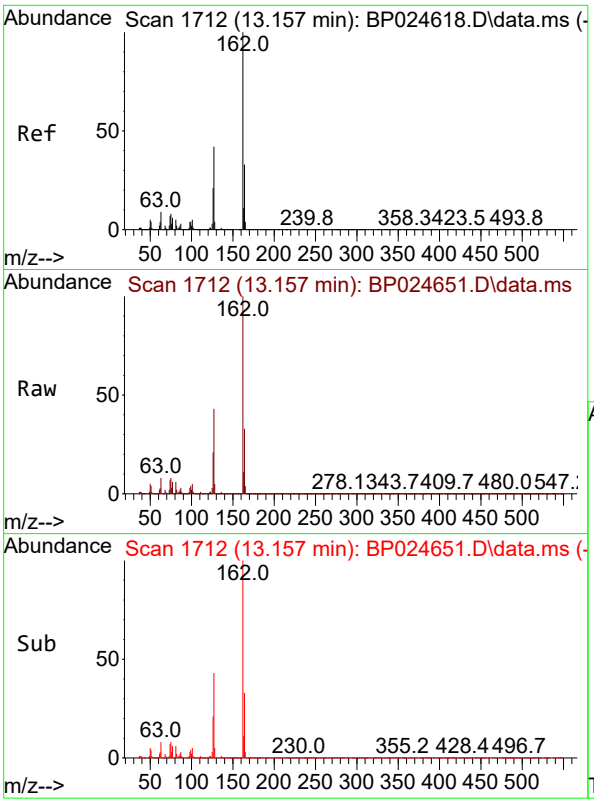


#46
1,1'-Biphenyl
Concen: 38.585 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:154 Resp: 841088

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.0	61.0
76	11.3	0.0	31.5



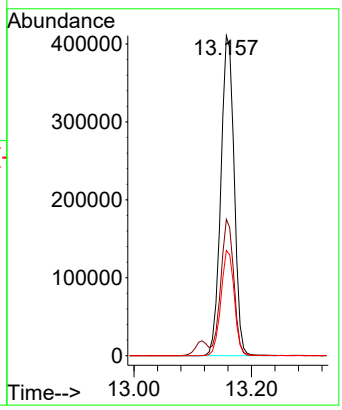


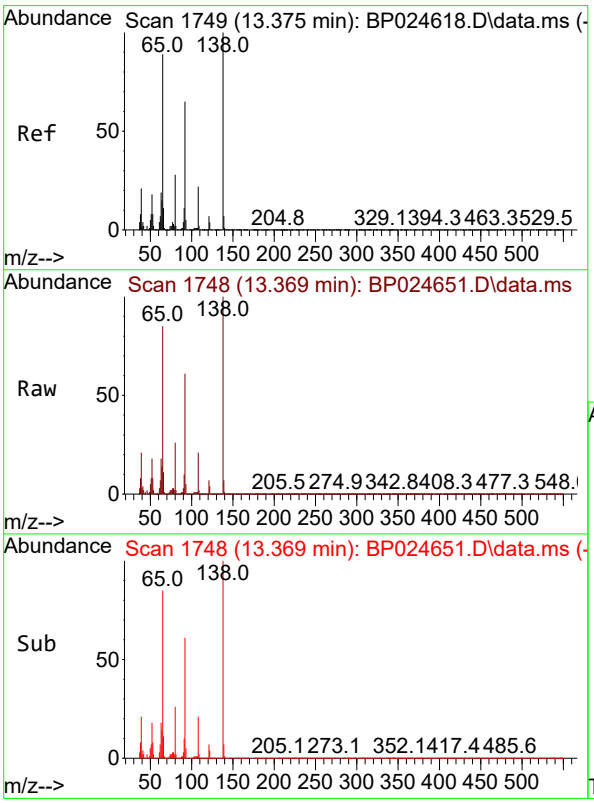
#47
2-Chloronaphthalene
Concen: 38.849 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 645690

Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.8	50.6
164	32.9	26.0	39.0

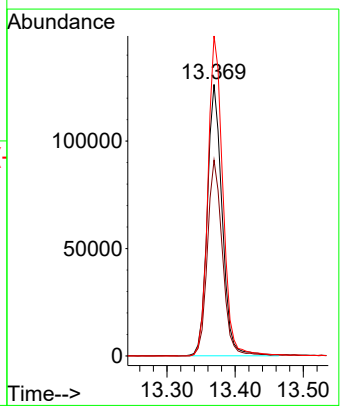


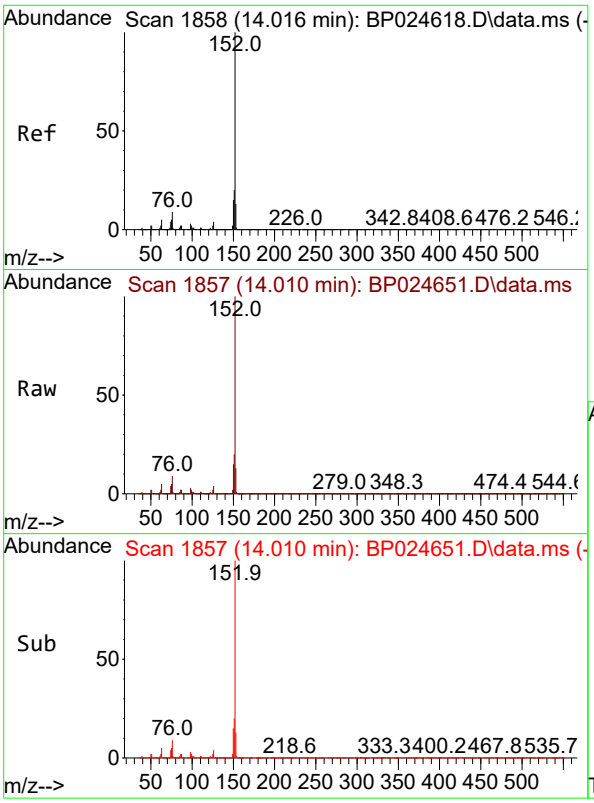


#48
2-Nitroaniline
Concen: 38.952 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion: 65 Resp: 191672

Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.7	88.1
138	117.8	90.2	135.2



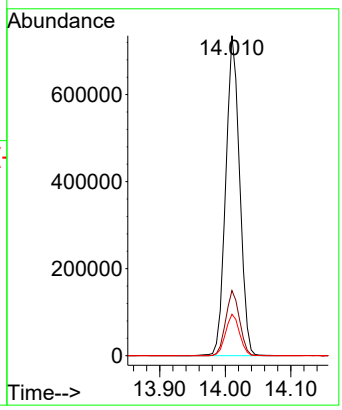


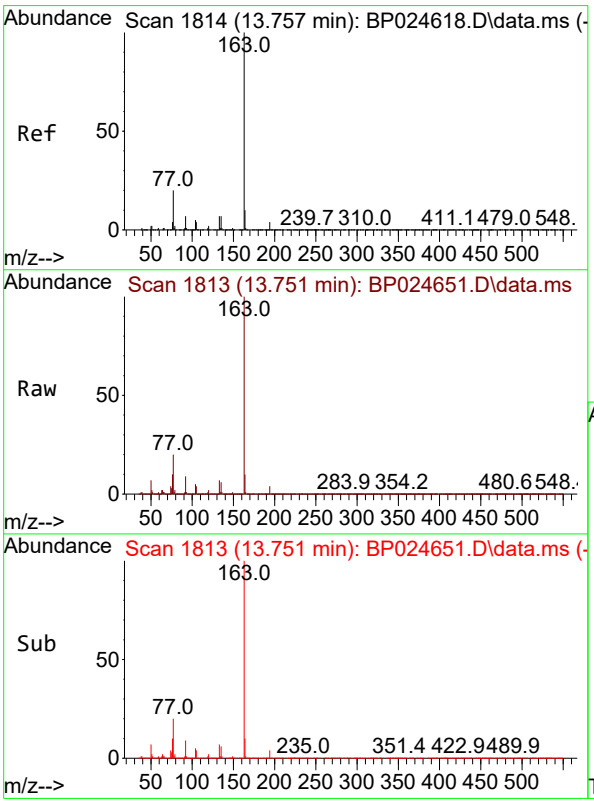
#49
Acenaphthylene
Concen: 38.854 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1080697

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.0	10.2	15.4

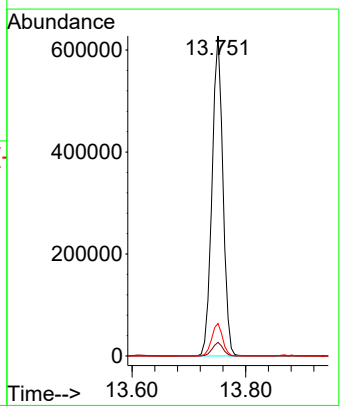


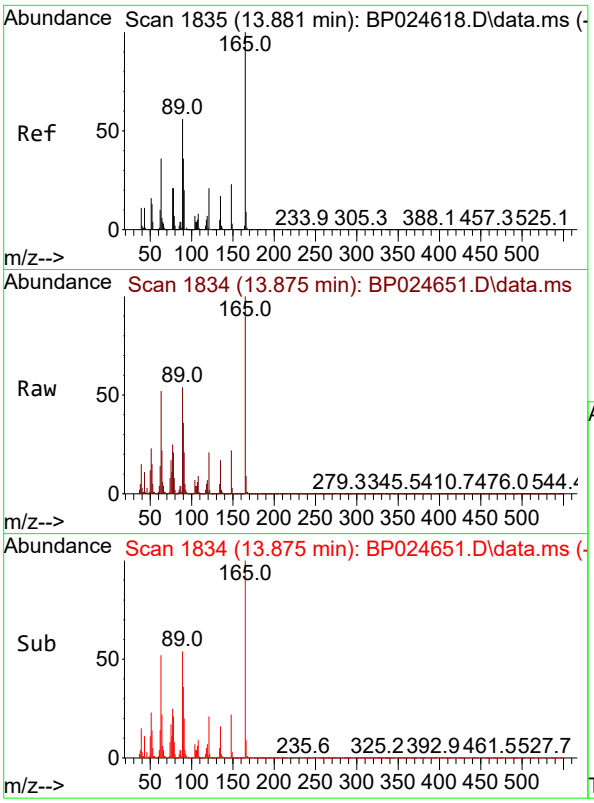


#50
Dimethylphthalate
Concen: 36.917 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:163 Resp: 829879

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1



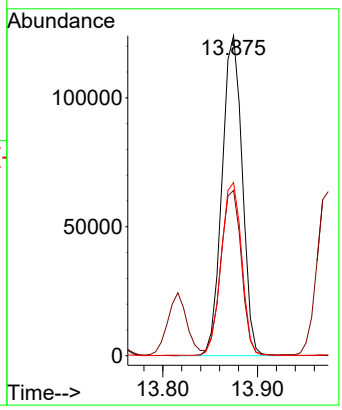


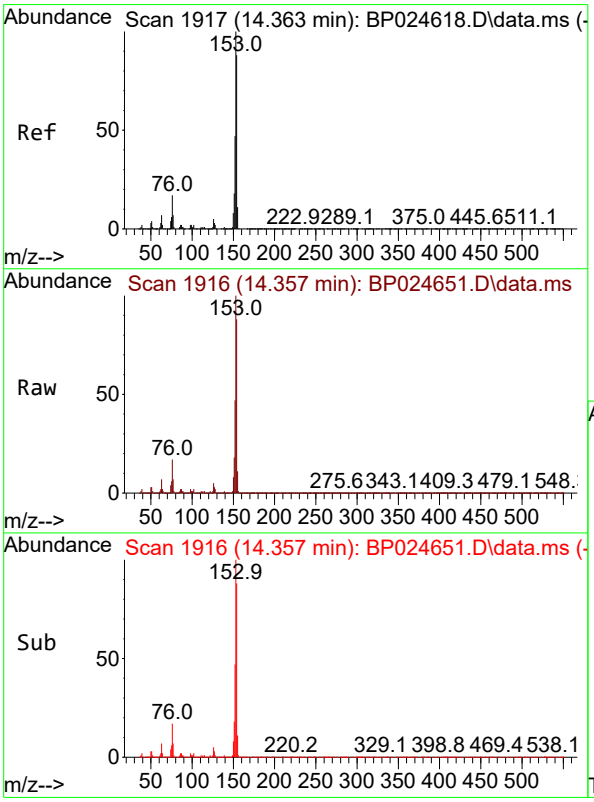
#51
2,6-Dinitrotoluene
Concen: 38.705 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 183755

Ion	Ratio	Lower	Upper
165	100		
63	51.7	42.4	63.6
89	54.1	44.8	67.2

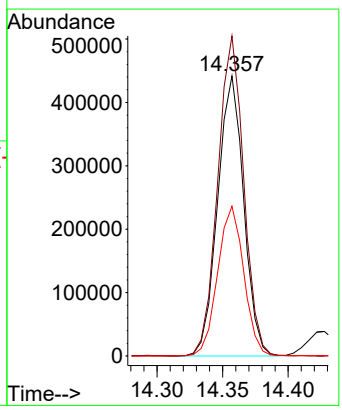


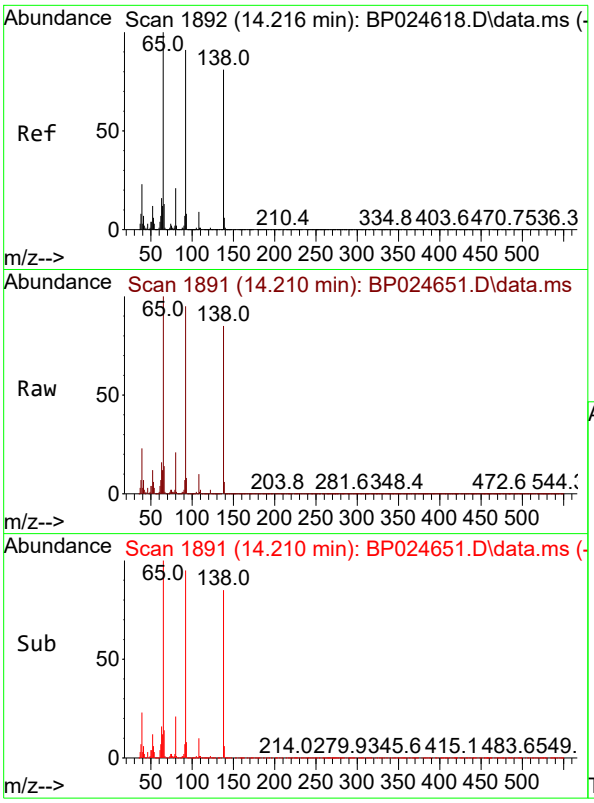


#52
Acenaphthene
Concen: 38.118 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:154 Resp: 609504

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.0	136.4
152	53.5	42.9	64.3



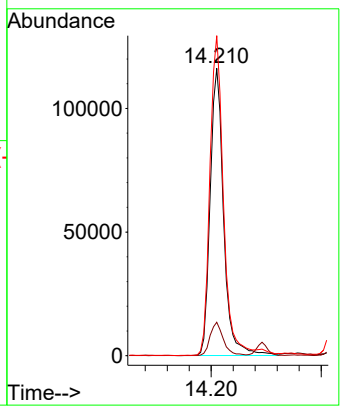


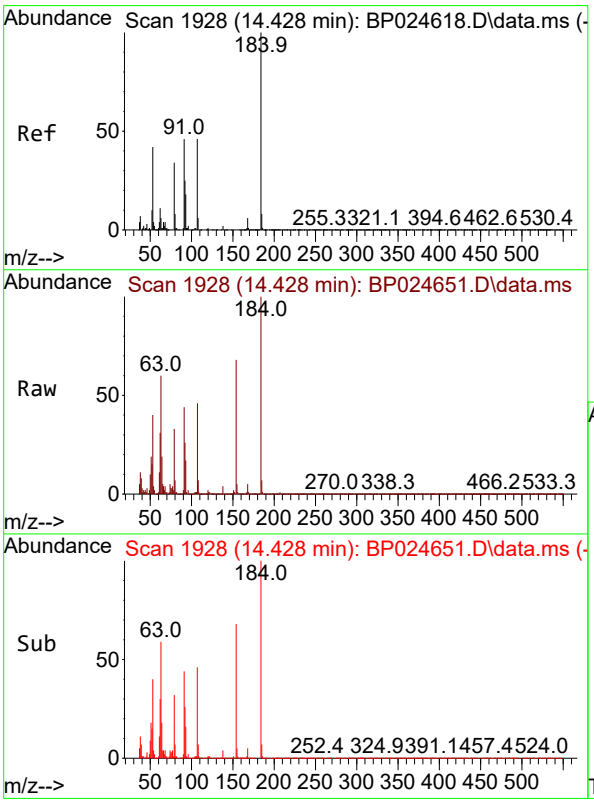
#53
3-Nitroaniline
Concen: 40.778 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 197673

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.4
92	111.3	90.1	135.1

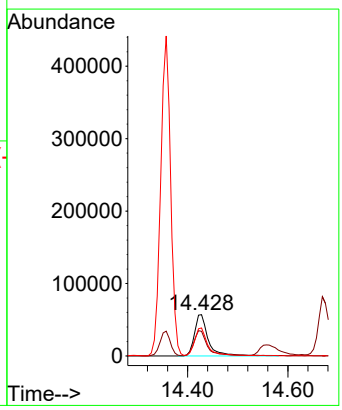


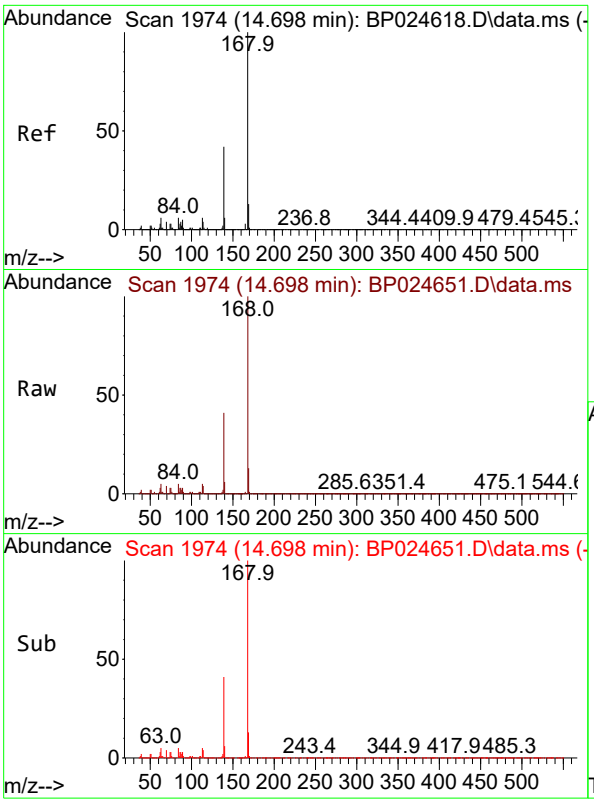


#54
2,4-Dinitrophenol
Concen: 39.845 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:184 Resp: 108828

Ion	Ratio	Lower	Upper
184	100		
63	59.7	51.3	76.9
154	67.7	53.5	80.3





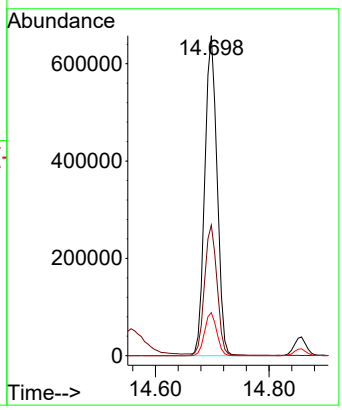
#55
Dibenzofuran
Concen: 38.542 ng
RT: 14.698 min Scan# 1

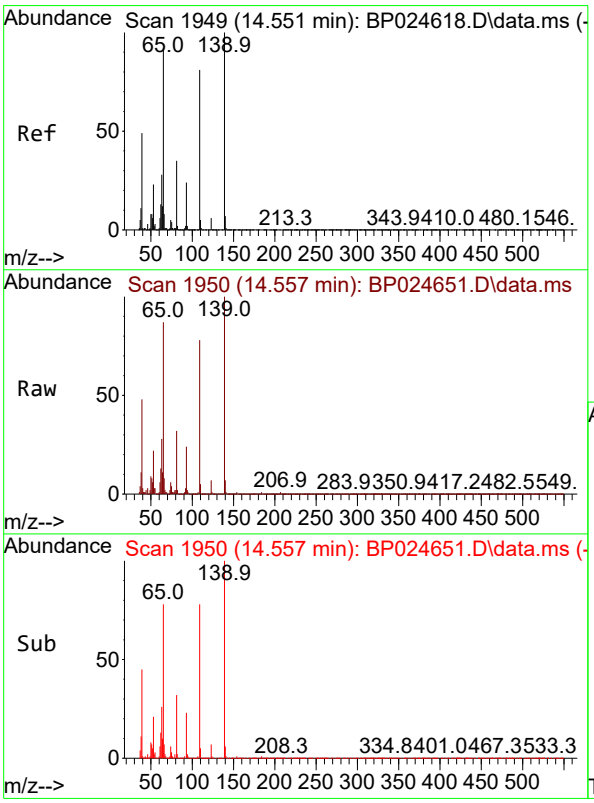
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:168 Resp: 983006

Ion	Ratio	Lower	Upper
168	100		
139	40.8	34.2	51.4
169	13.4	10.8	16.2

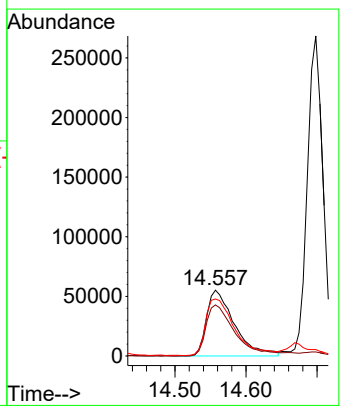


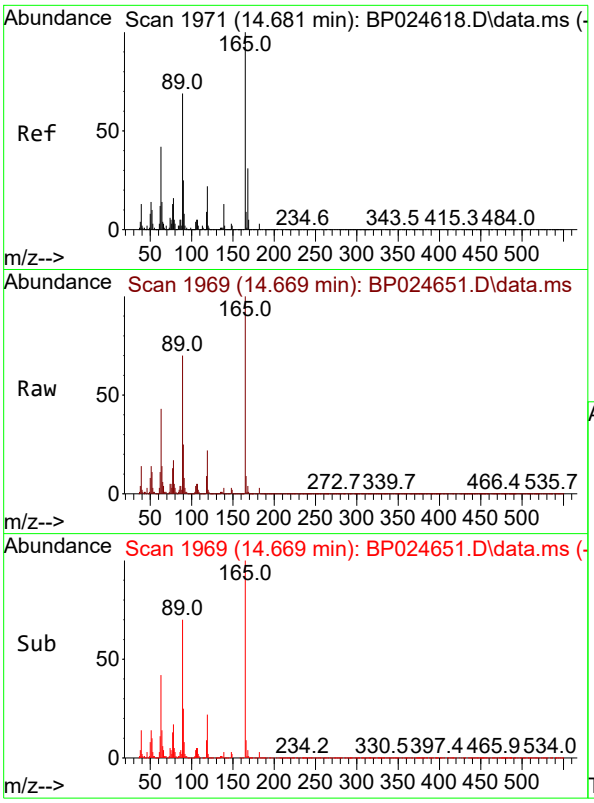


#56
4-Nitrophenol
Concen: 38.082 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:139 Resp: 149992

Ion	Ratio	Lower	Upper
139	100		
109	77.7	61.4	101.4
65	86.5	72.2	112.2



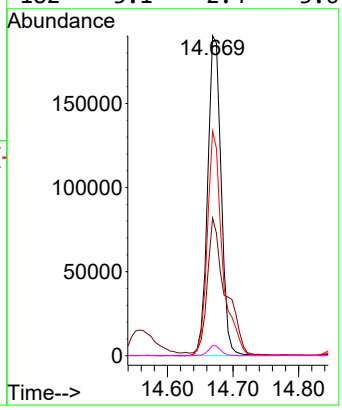


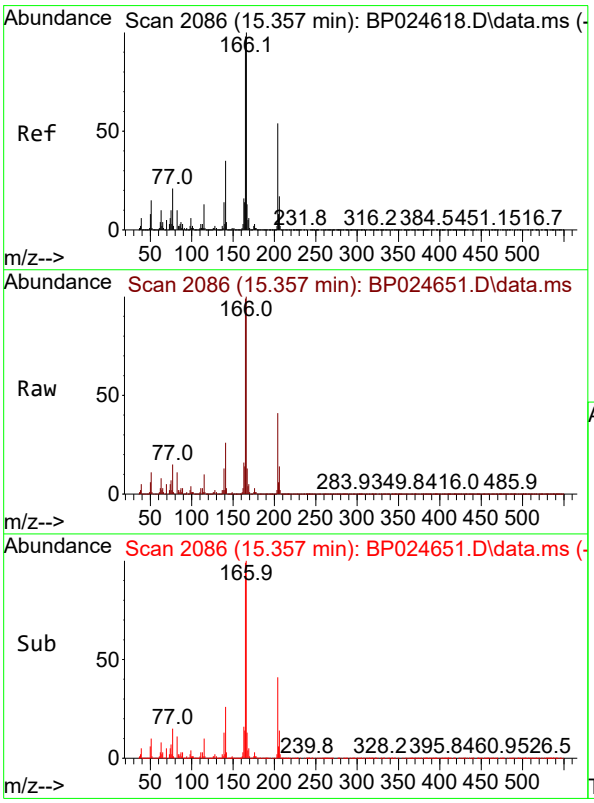
#57
2,4-Dinitrotoluene
Concen: 40.669 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 272203

Ion	Ratio	Lower	Upper
165	100		
63	43.0	33.8	50.6
89	70.2	55.6	83.4
182	3.1	2.4	3.6

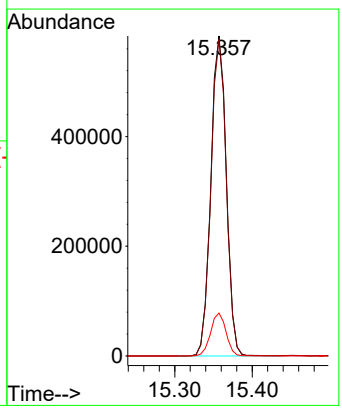


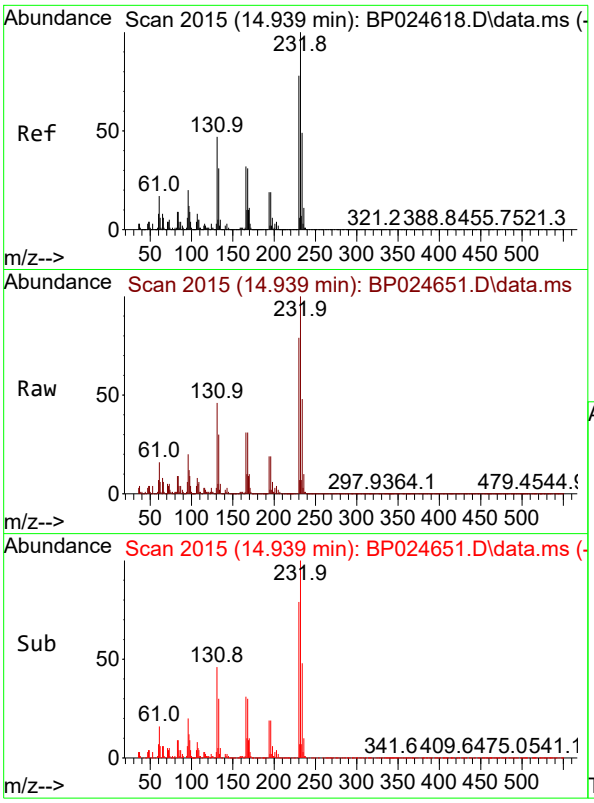


#58
Fluorene
Concen: 38.918 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:166 Resp: 809354

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	13.4	10.7	16.1



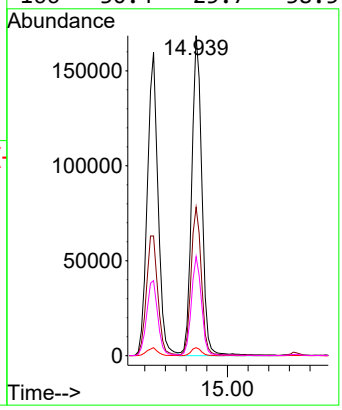


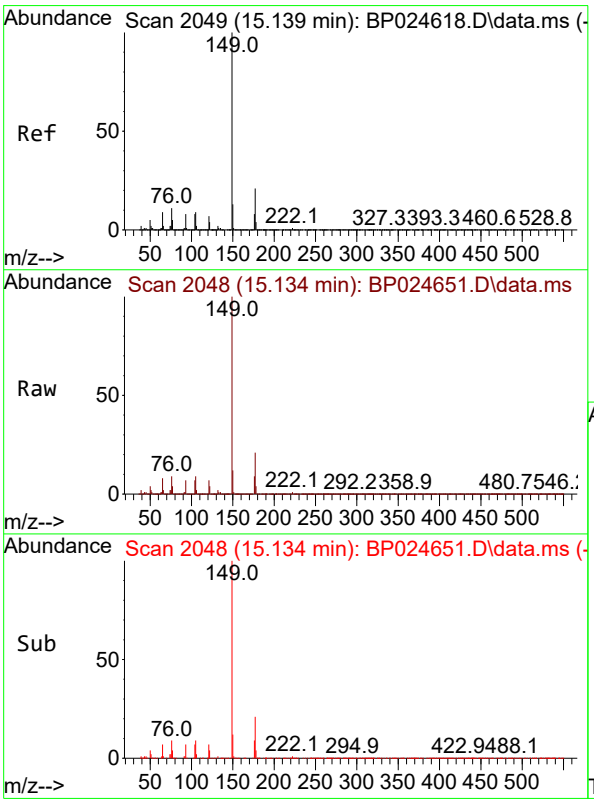
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.430 ng
RT: 14.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 231582

Ion	Ratio	Lower	Upper
232	100		
131	46.2	39.5	59.3
130	2.5	2.2	3.4
166	30.4	25.7	38.5

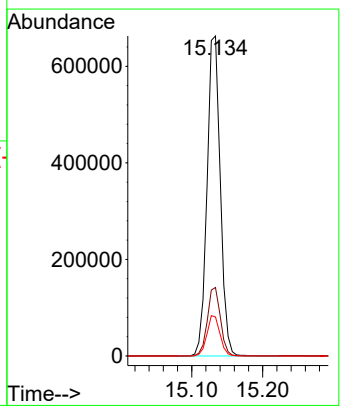


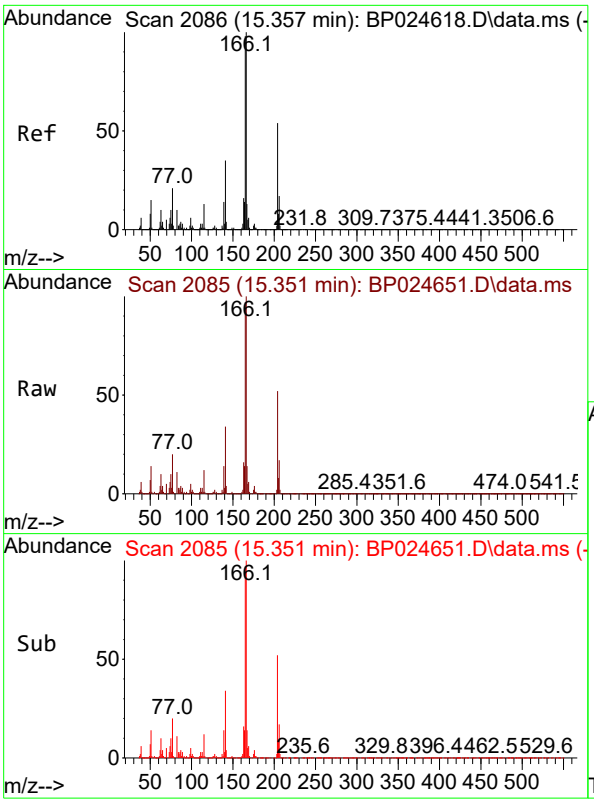


#60
Diethylphthalate
Concen: 37.808 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:149 Resp: 859010

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.2	10.2	15.2



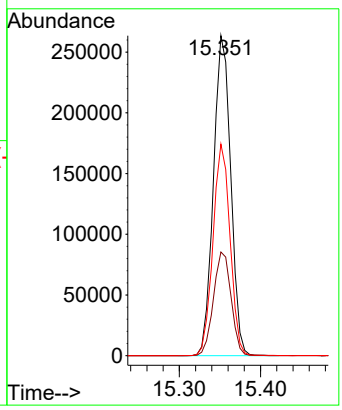


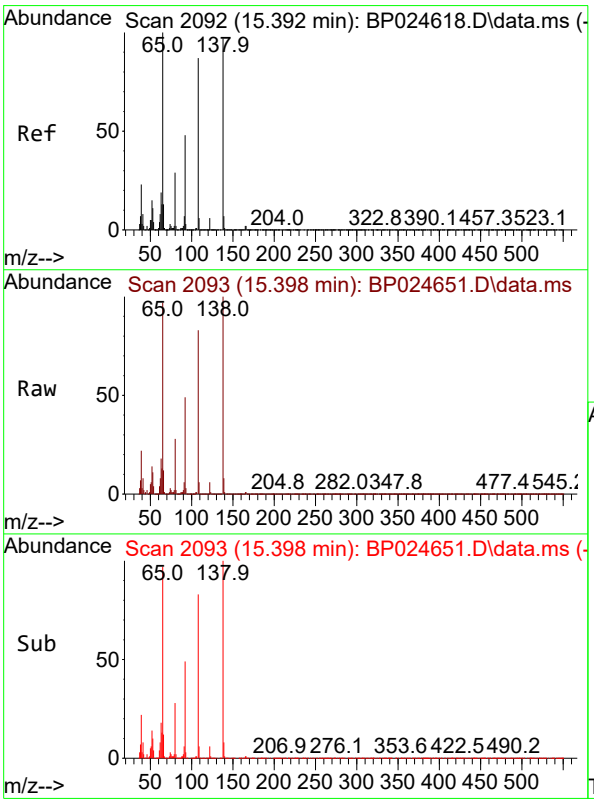
#61
4-Chlorophenyl-phenylether
Concen: 37.663 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 390618

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	66.1	52.9	79.3

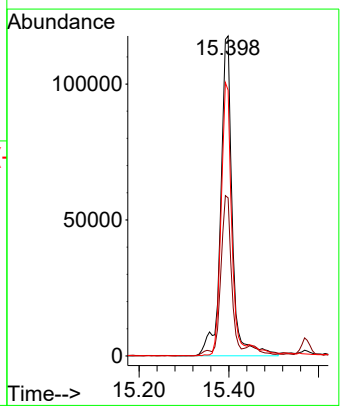


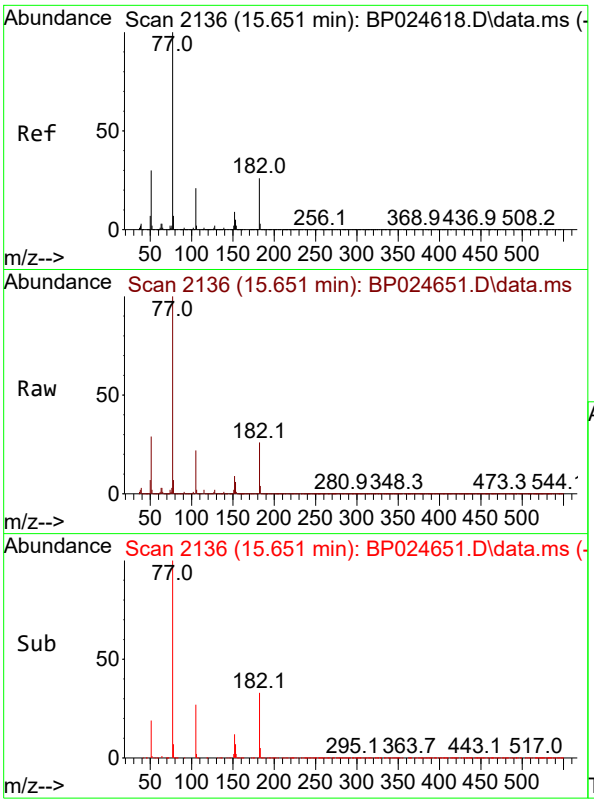


#62
4-Nitroaniline
Concen: 45.237 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:138 Resp: 211739

Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.2	69.2
108	83.0	69.0	109.0



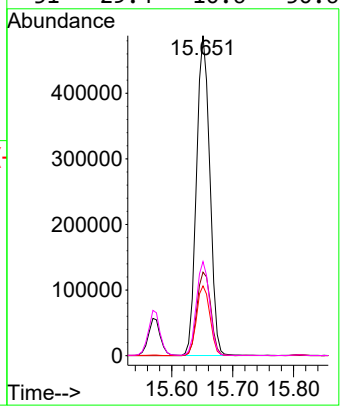


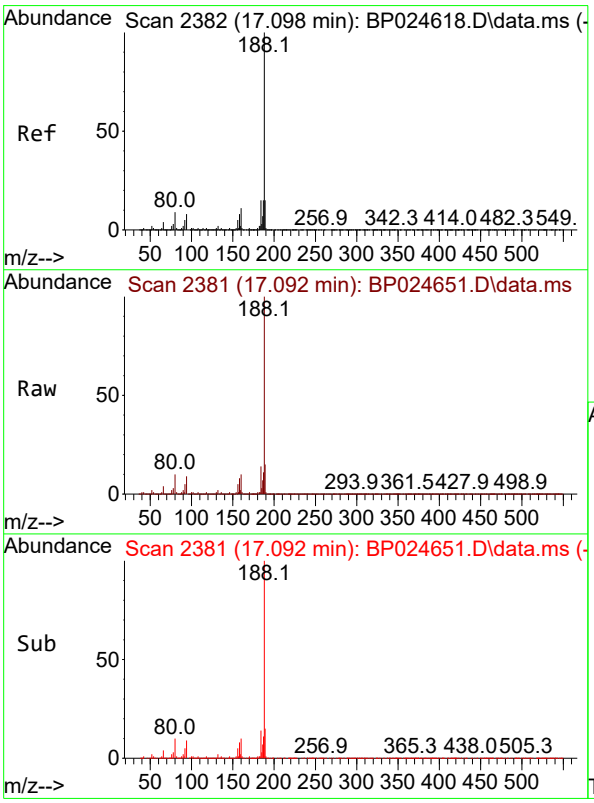
#63
Azobenzene
Concen: 38.133 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 741176

Ion	Ratio	Lower	Upper
77	100		
182	26.1	5.7	45.7
105	21.8	1.3	41.3
51	29.4	10.6	50.6

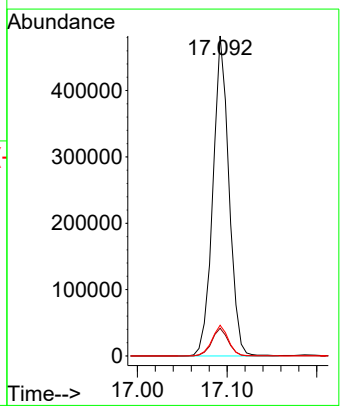


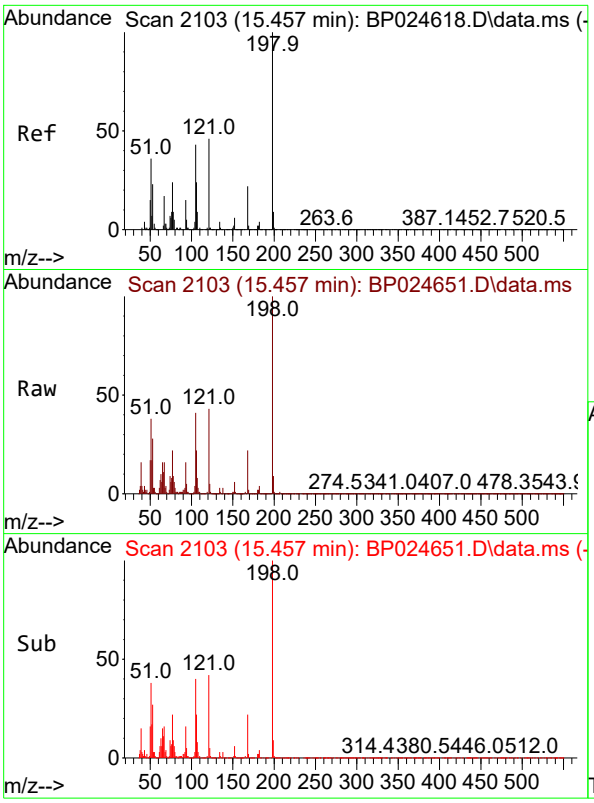


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:188 Resp: 598372

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.5	9.7
80	9.6	7.3	10.9



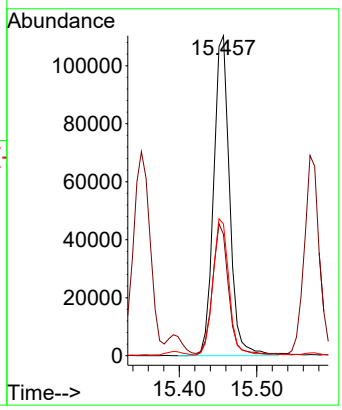


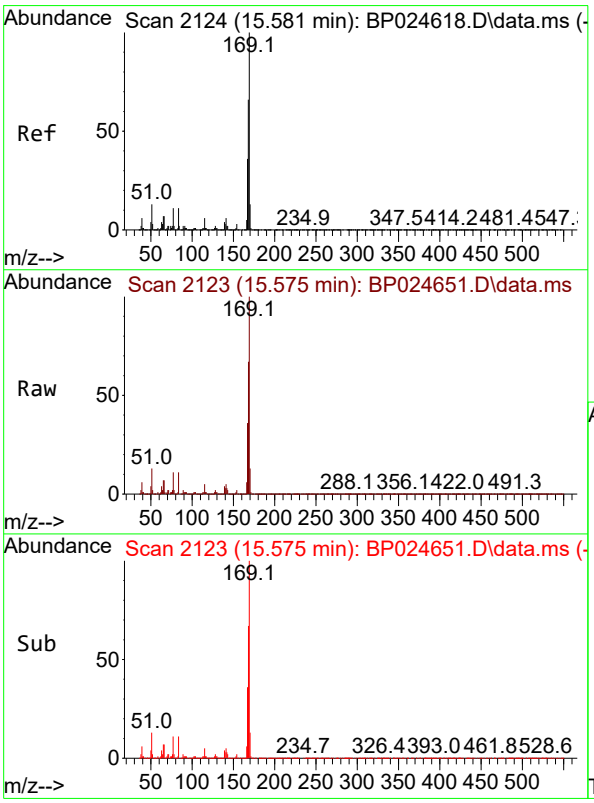
#65
4,6-Dinitro-2-methylphenol
Concen: 40.892 ng
RT: 15.457 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 158051

Ion	Ratio	Lower	Upper
198	100		
51	37.9	21.1	61.1
105	41.2	23.6	63.6

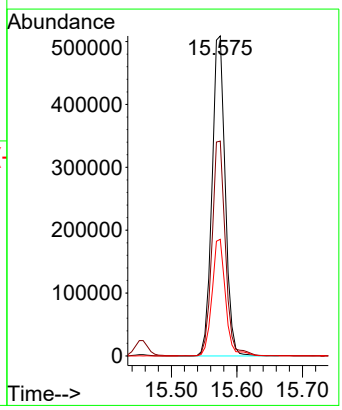


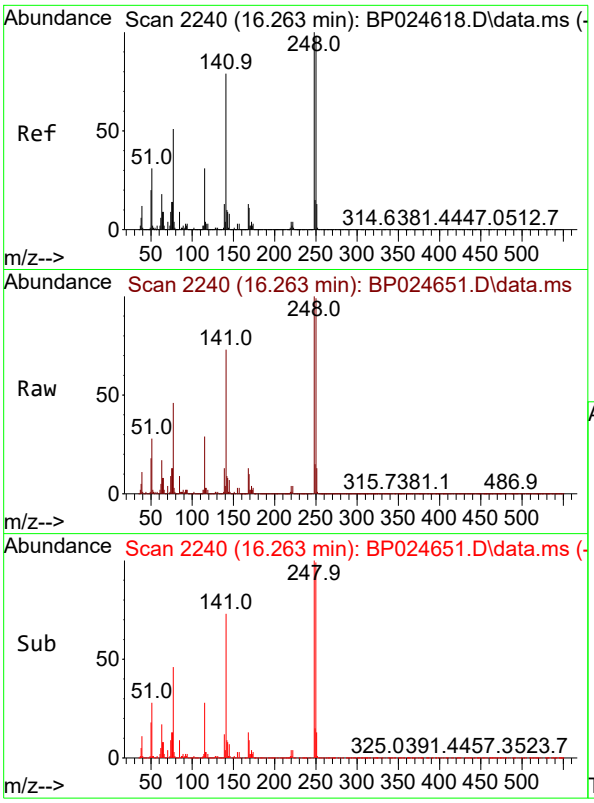


#66
n-Nitrosodiphenylamine
Concen: 38.617 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:169 Resp: 709766

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	36.4	28.6	43.0



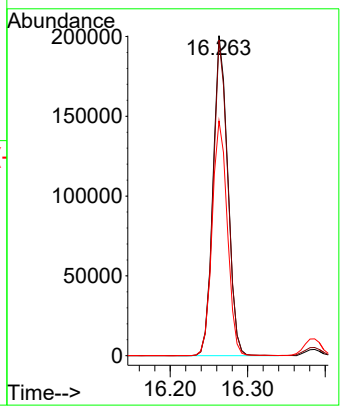


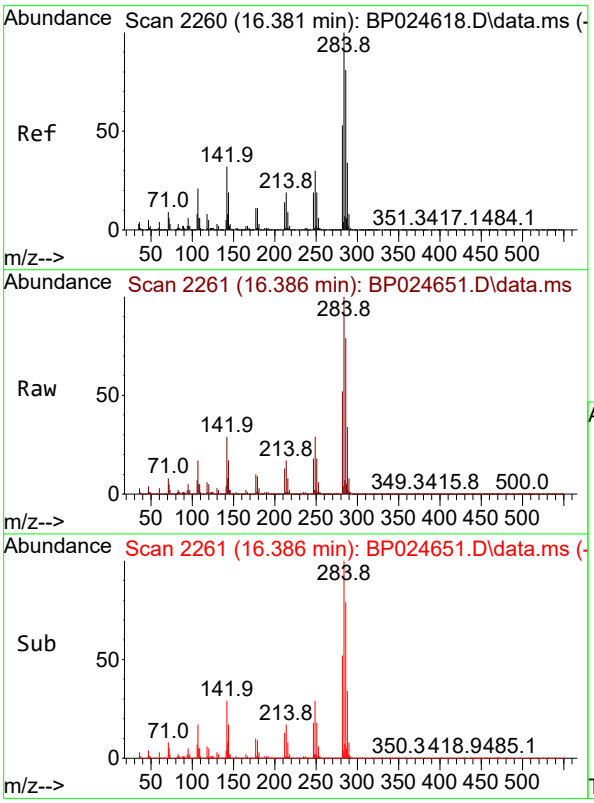
#67
4-Bromophenyl-phenylether
Concen: 37.581 ng
RT: 16.263 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 264979

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.2	117.4
141	73.3	63.0	94.6

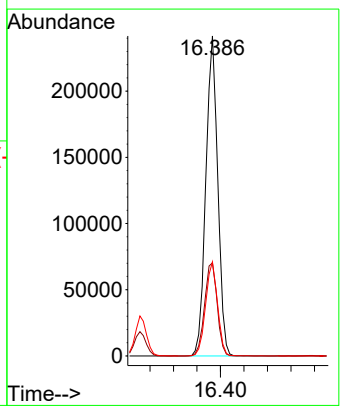


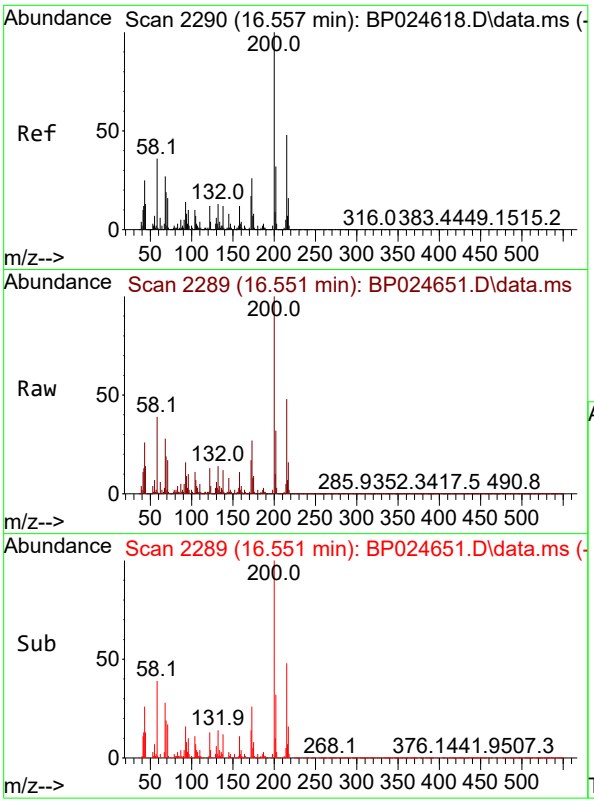


#68
Hexachlorobenzene
Concen: 37.927 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:284 Resp: 339807

Ion	Ratio	Lower	Upper
284	100		
142	29.1	25.9	38.9
249	29.4	24.1	36.1



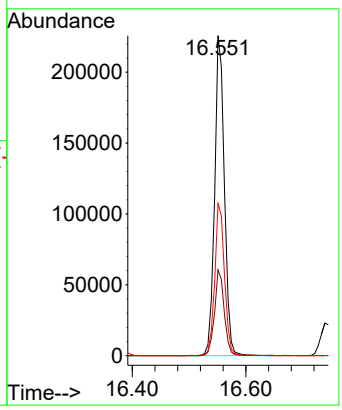


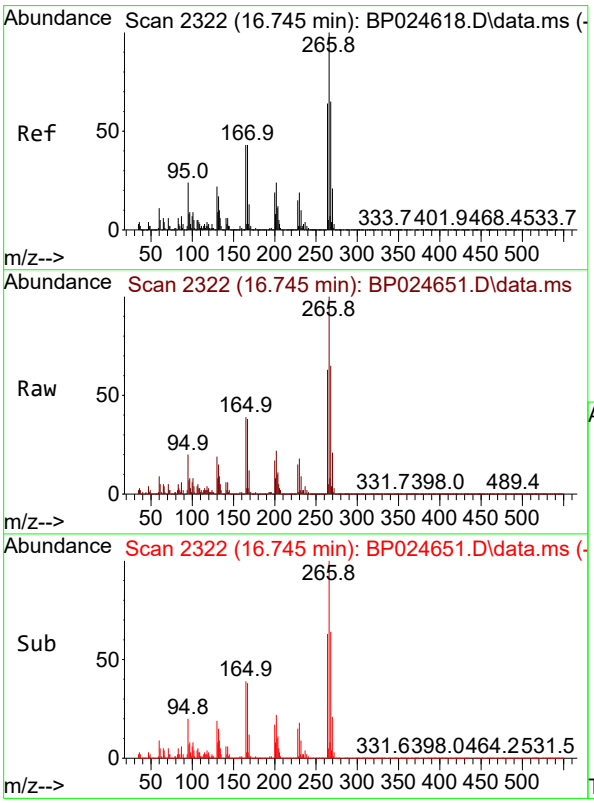
#69
Atrazine
Concen: 39.795 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 268043

Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.9	45.9
215	47.6	28.3	68.3

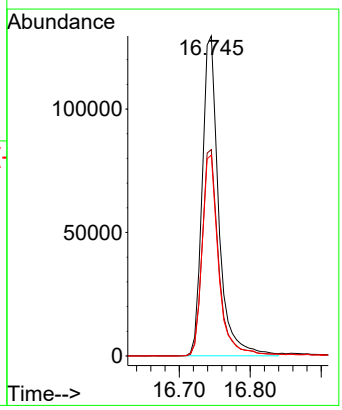


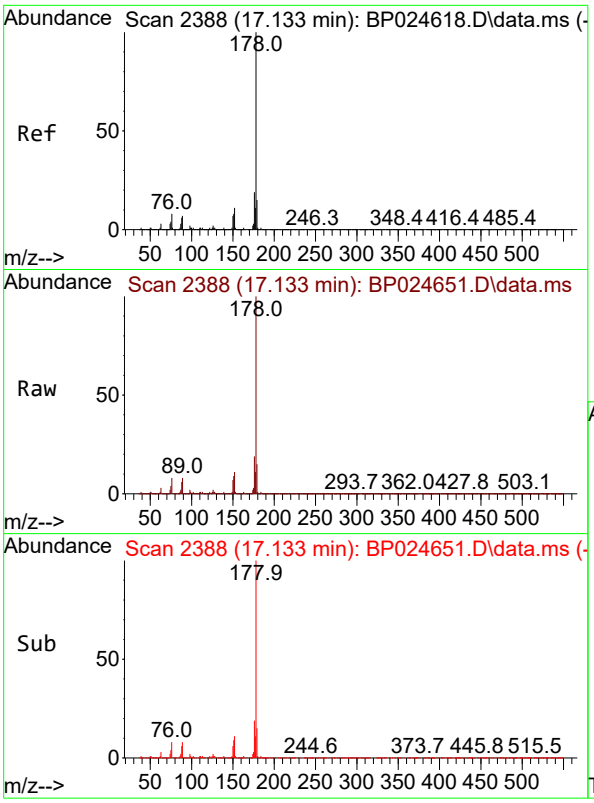


#70
Pentachlorophenol
Concen: 41.649 ng
RT: 16.745 min Scan# 2322
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:266 Resp: 209468

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.2	78.4
264	62.8	51.1	76.7



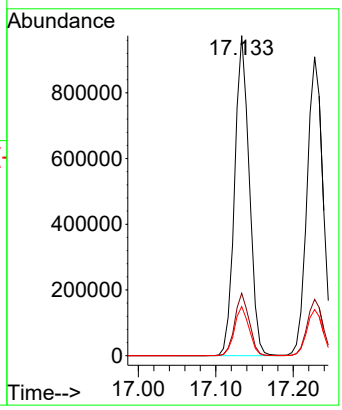


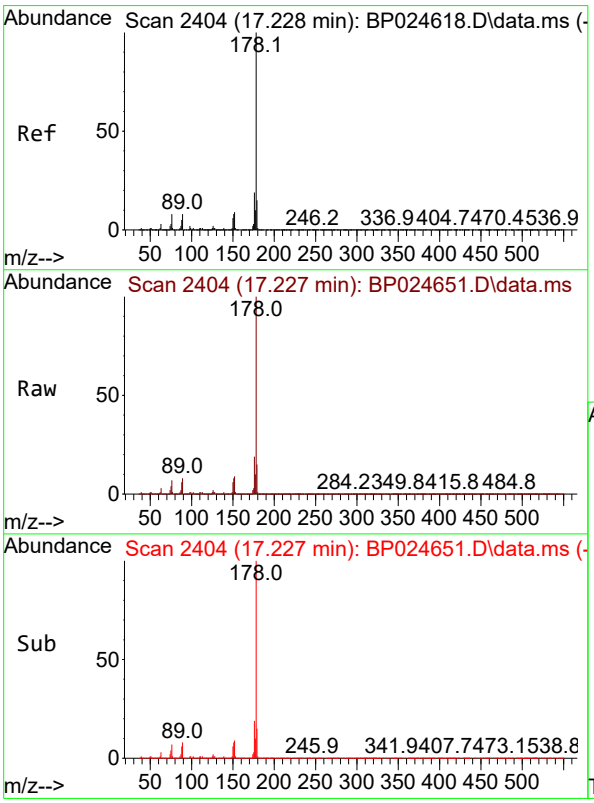
#71
Phenanthrene
Concen: 38.323 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1274777

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.2	18.4

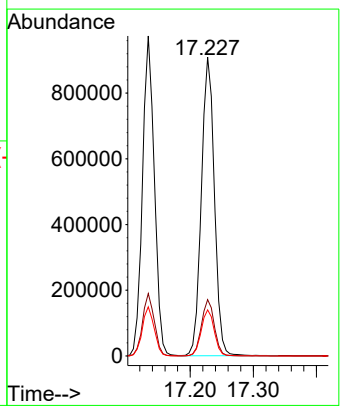


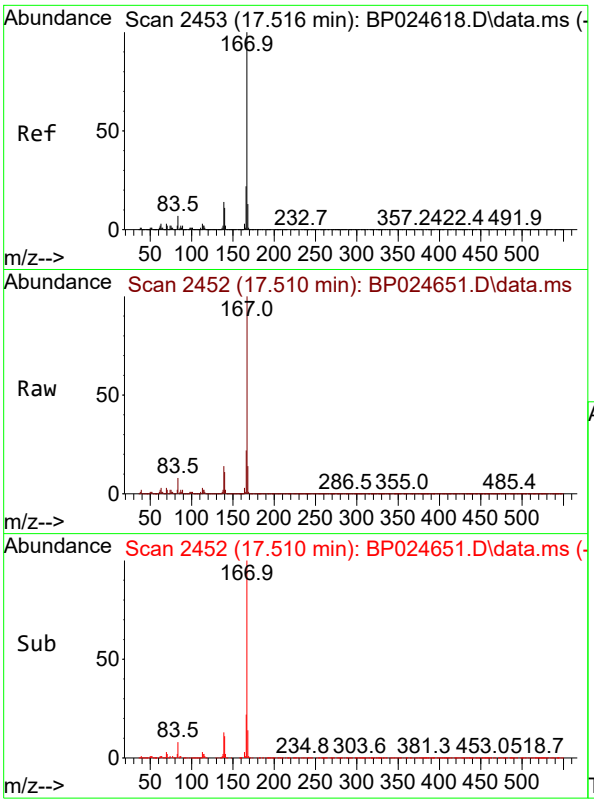


#72
Anthracene
Concen: 38.936 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:178 Resp: 1303093

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.2	18.2



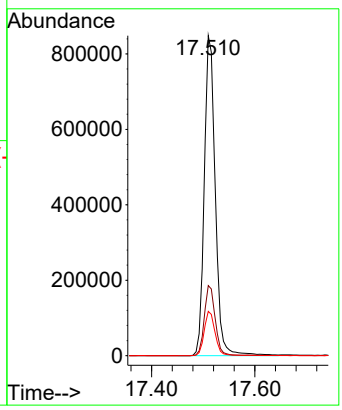


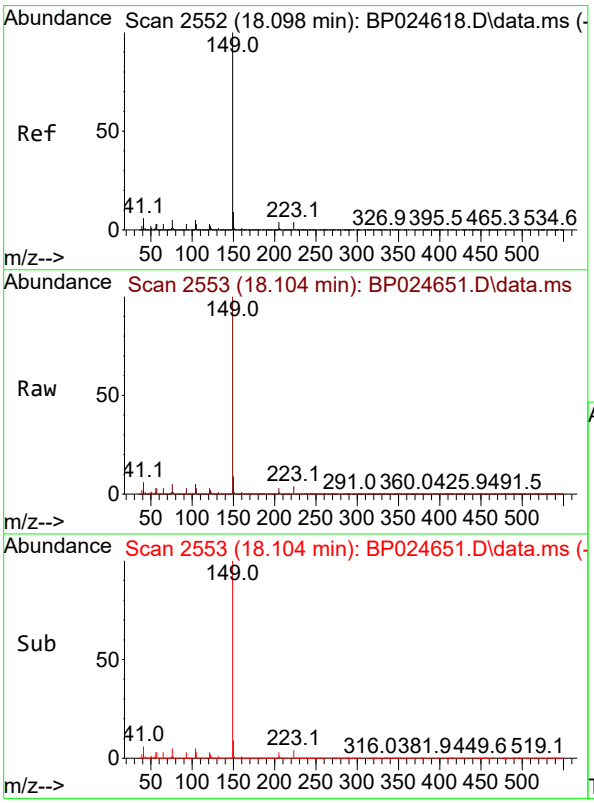
#73
Carbazole
Concen: 41.404 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1254201

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.9	11.3	16.9

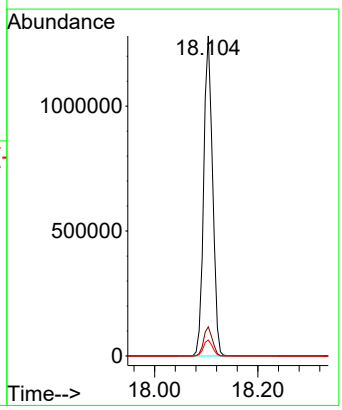


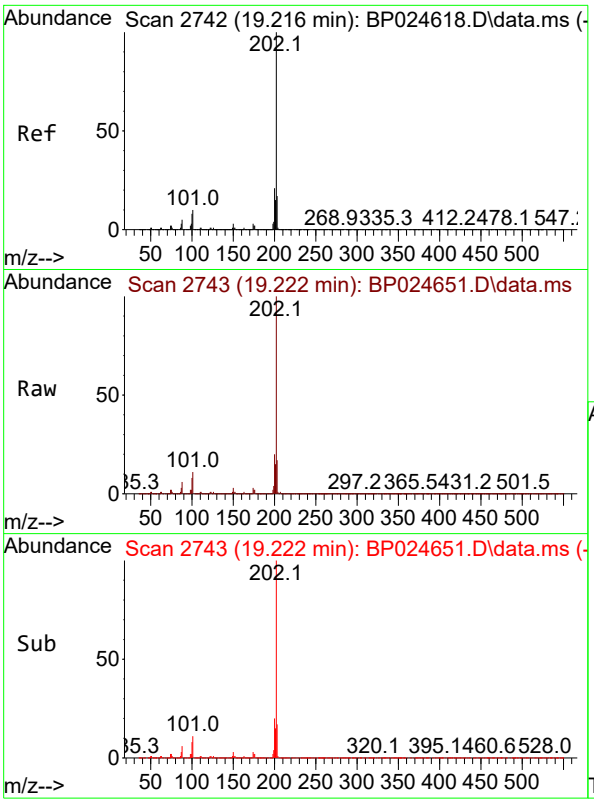


#74
Di-n-butylphthalate
Concen: 39.303 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:149 Resp: 1531129

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.0	4.3	6.5



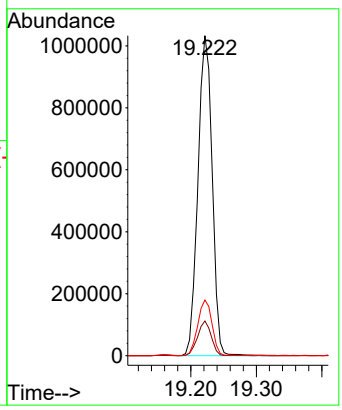


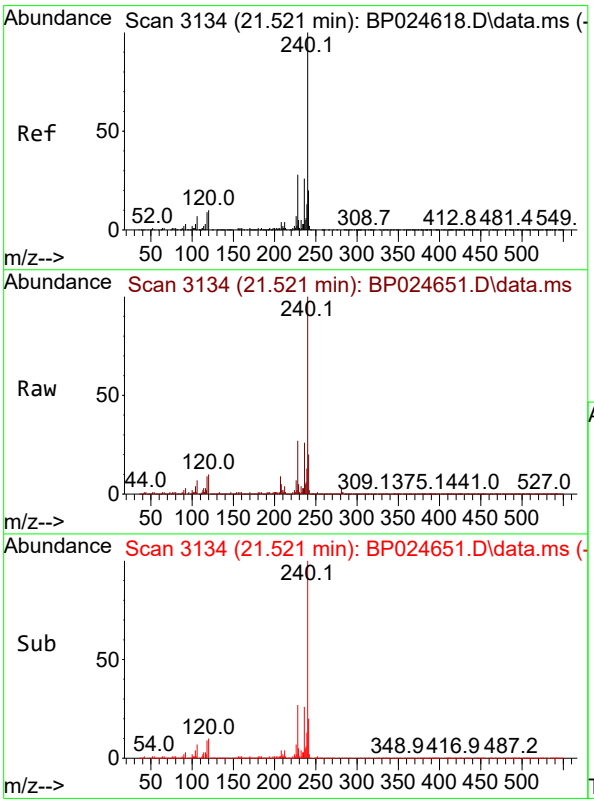
#75
Fluoranthene
Concen: 40.231 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1564352

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	17.4	0.0	37.5

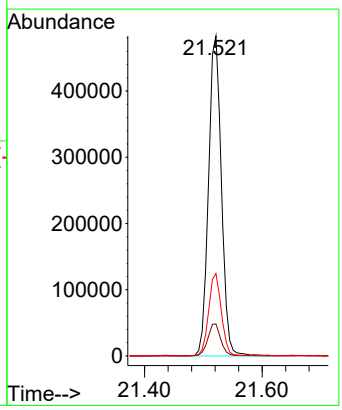


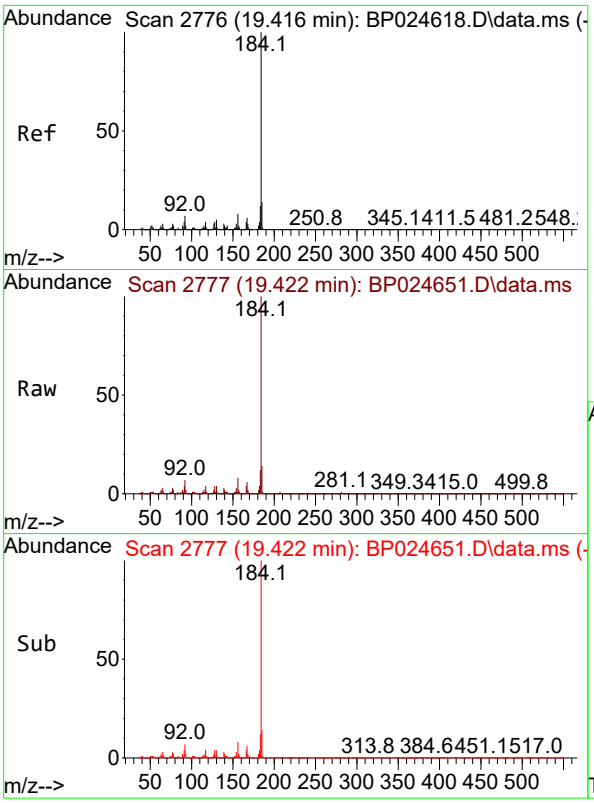


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:240 Resp: 737536

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	25.8	20.6	31.0



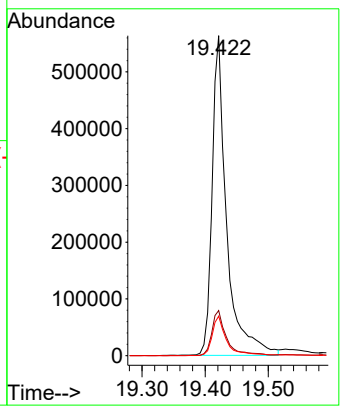


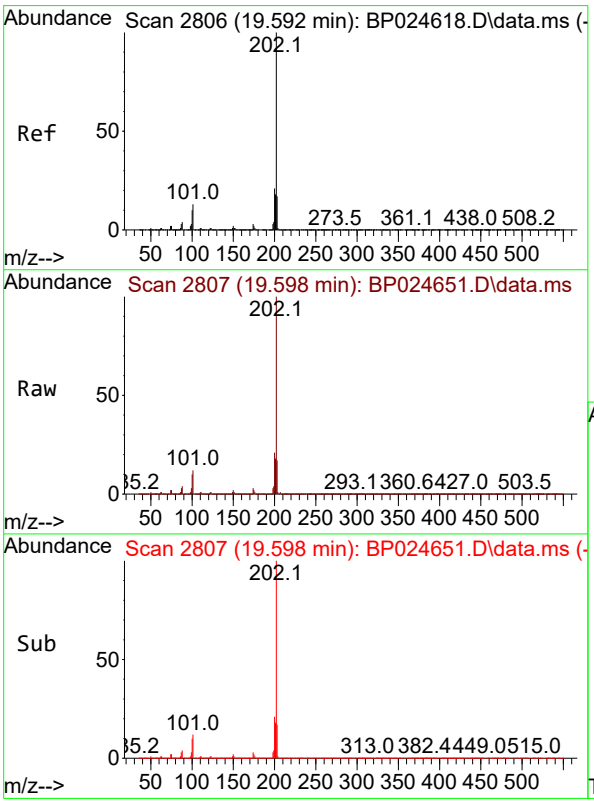
#77
Benzidine
Concen: 44.677 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 897447

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.4	9.8	14.8

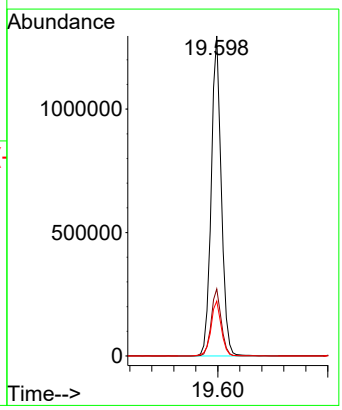


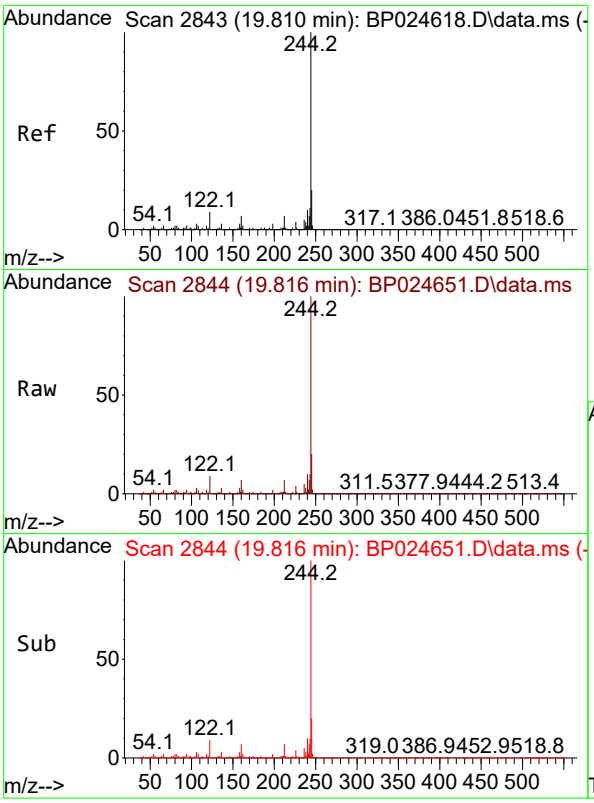


#78
Pyrene
Concen: 37.259 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:202 Resp: 1646532

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.1	13.9	20.9



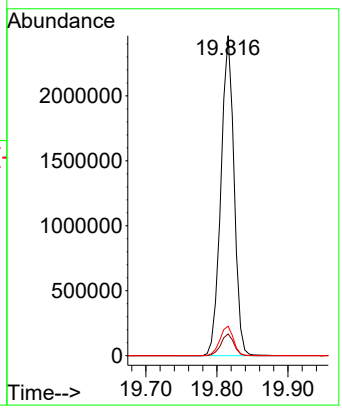


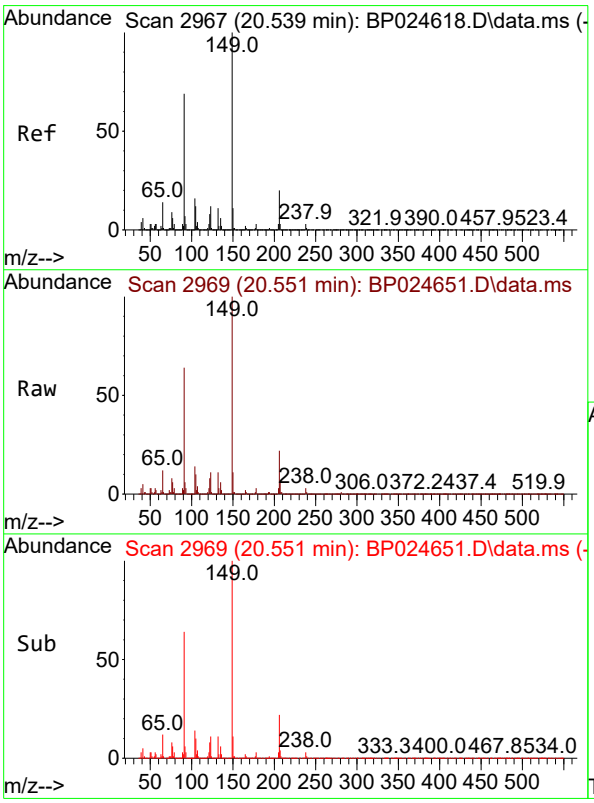
#79
Terphenyl-d14
Concen: 73.300 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 3152813

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	9.2	7.4	11.0

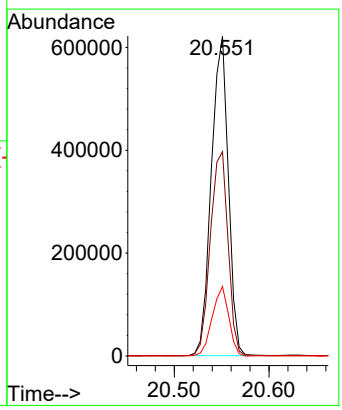


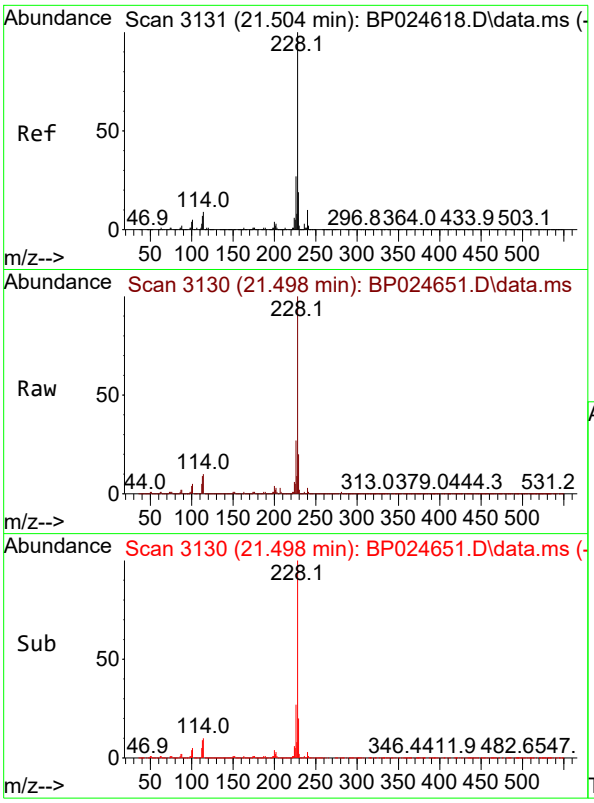


#80
Butylbenzylphthalate
Concen: 39.320 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:149 Resp: 772796

Ion	Ratio	Lower	Upper
149	100		
91	63.9	55.4	83.0
206	21.8	16.2	24.2



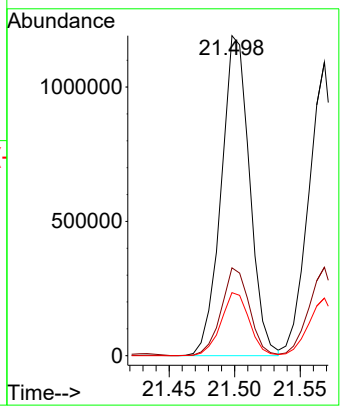


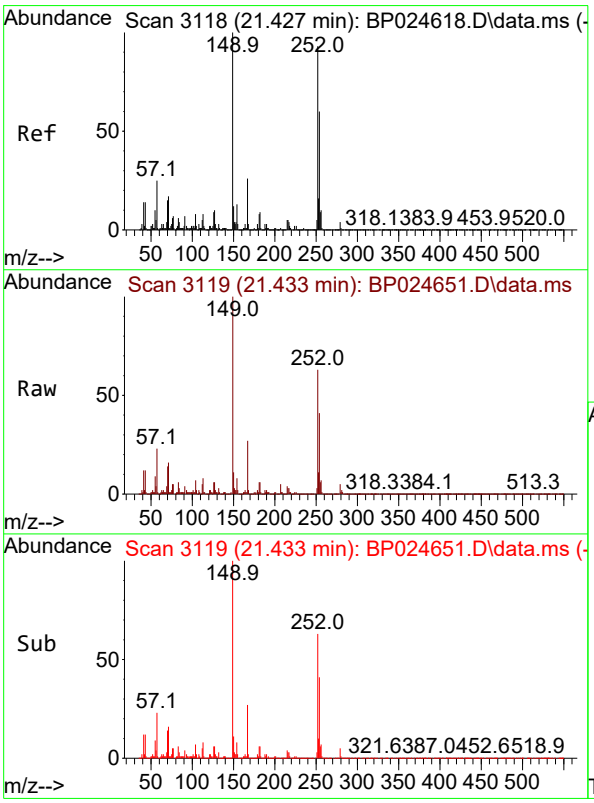
#81
Benzo(a)anthracene
Concen: 38.825 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1798025

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	19.7	15.5	23.3

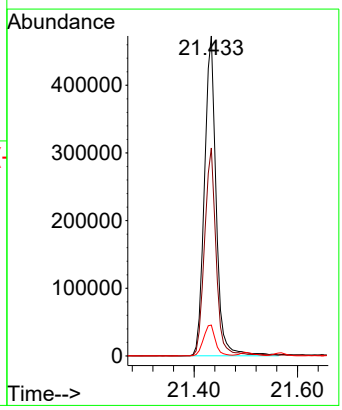


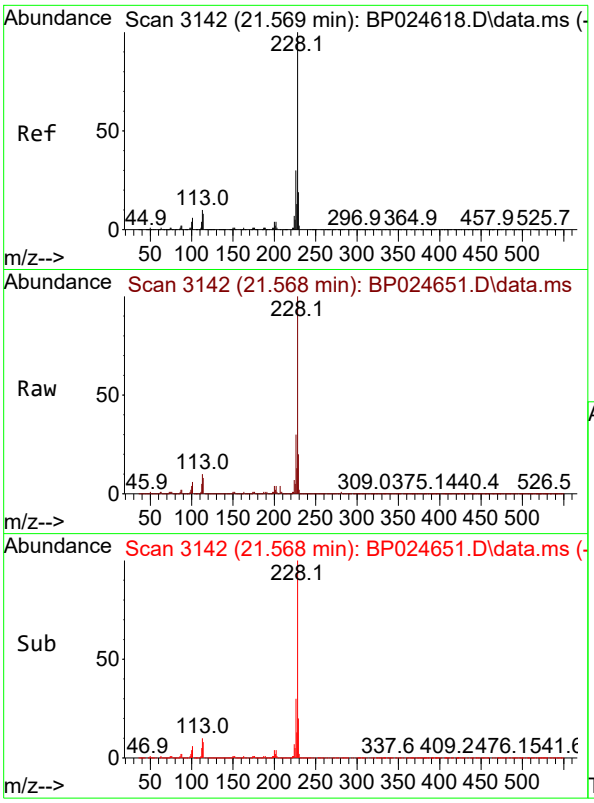


#82
3,3'-Dichlorobenzidine
Concen: 43.205 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:252 Resp: 743162

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	9.7	7.7	11.5



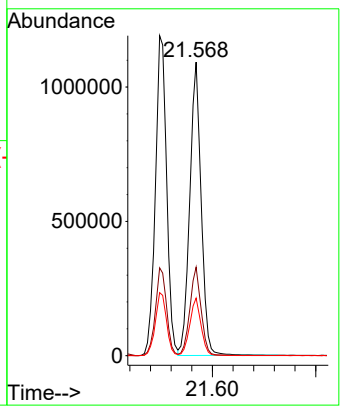


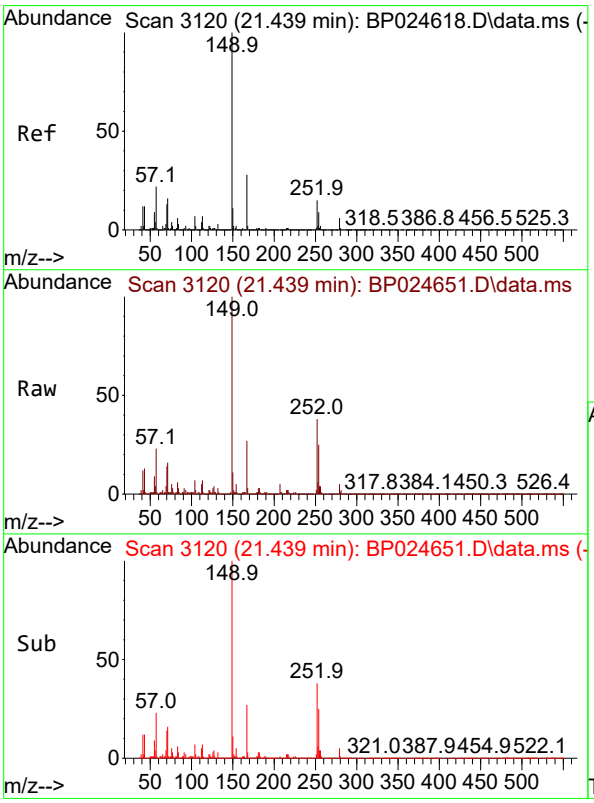
#83
Chrysene
Concen: 38.061 ng
RT: 21.568 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1670912

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.6	15.5	23.3

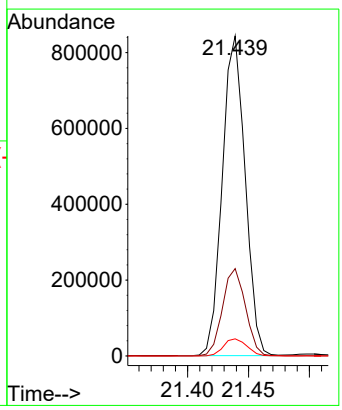


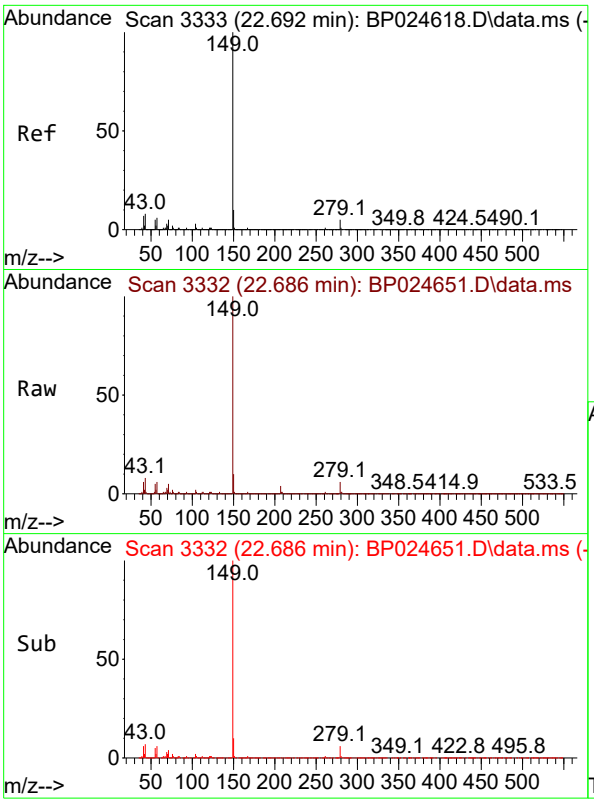


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.194 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:149 Resp: 1103345

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	5.4	4.6	6.8



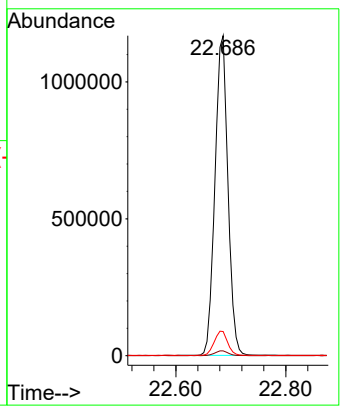


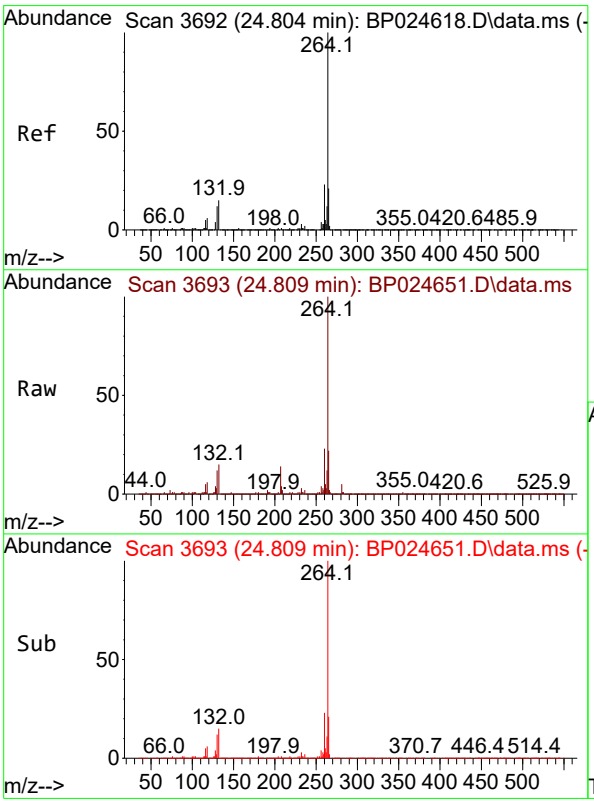
#85
Di-n-octyl phthalate
Concen: 40.558 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1915915

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.3	9.5

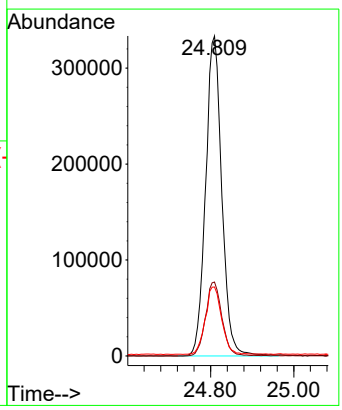


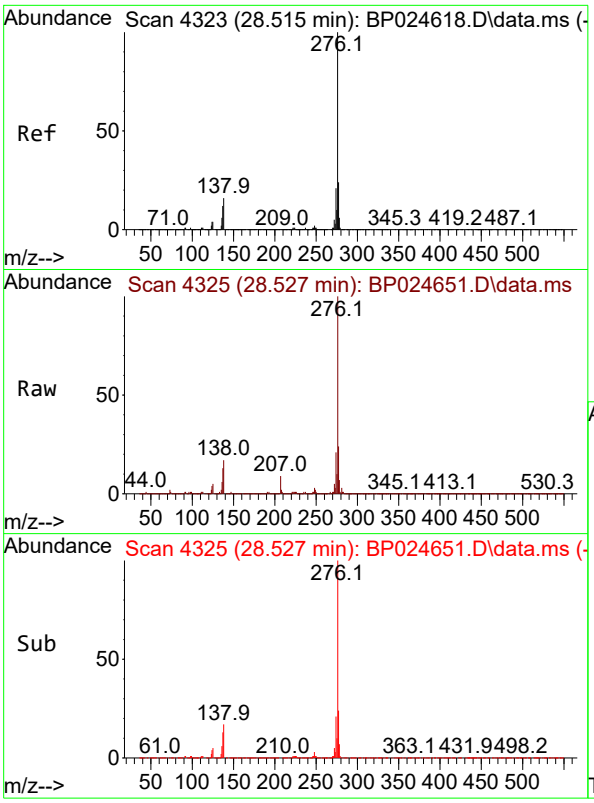


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.809 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:264 Resp: 900629

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.6	17.0	25.6



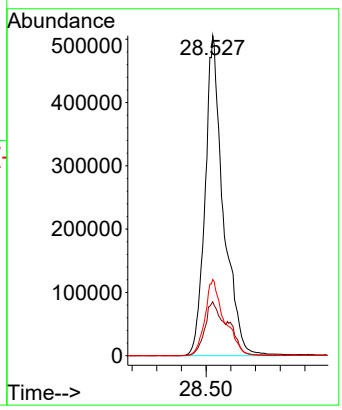


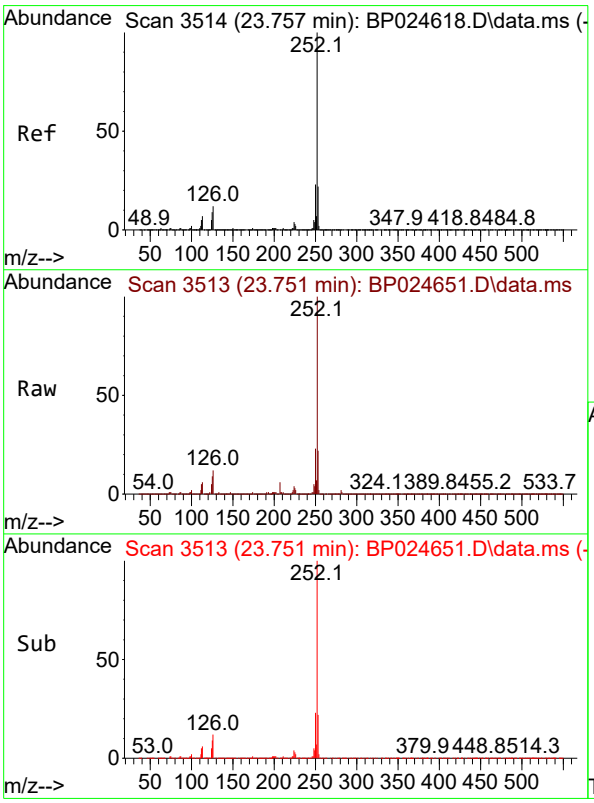
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.479 ng
RT: 28.527 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2595773

Ion	Ratio	Lower	Upper
276	100		
138	15.4	11.2	16.8
277	25.4	15.7	23.5#

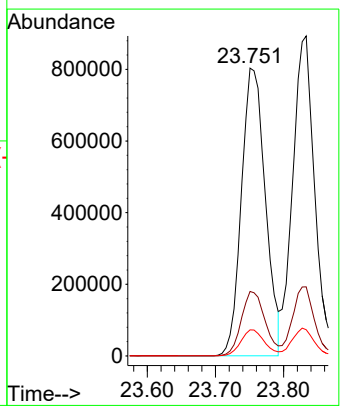


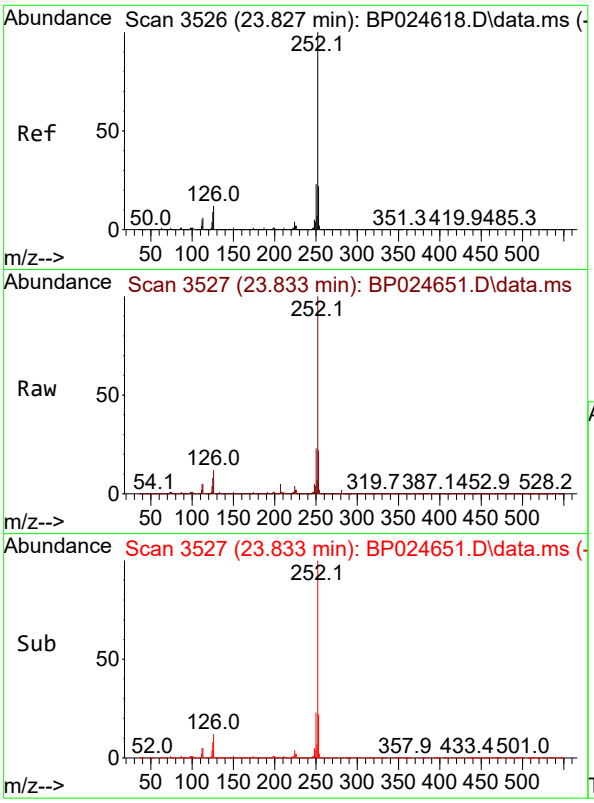


#88
Benzo(b)fluoranthene
Concen: 38.022 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:252 Resp: 1960044

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.1	7.5	11.3



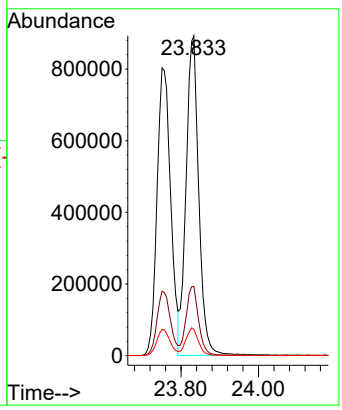


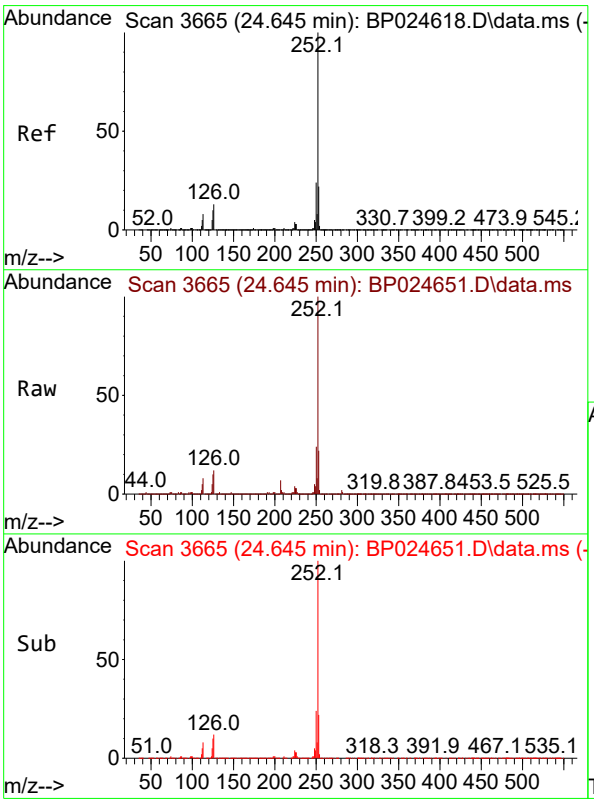
#89
Benzo(k)fluoranthene
Concen: 38.194 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2028864

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	8.2	7.0	10.4

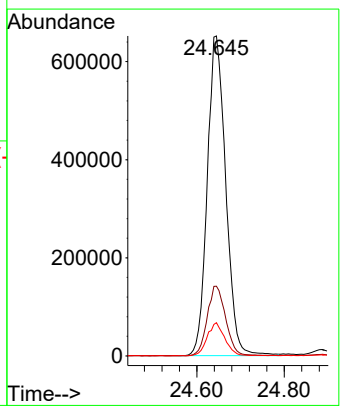


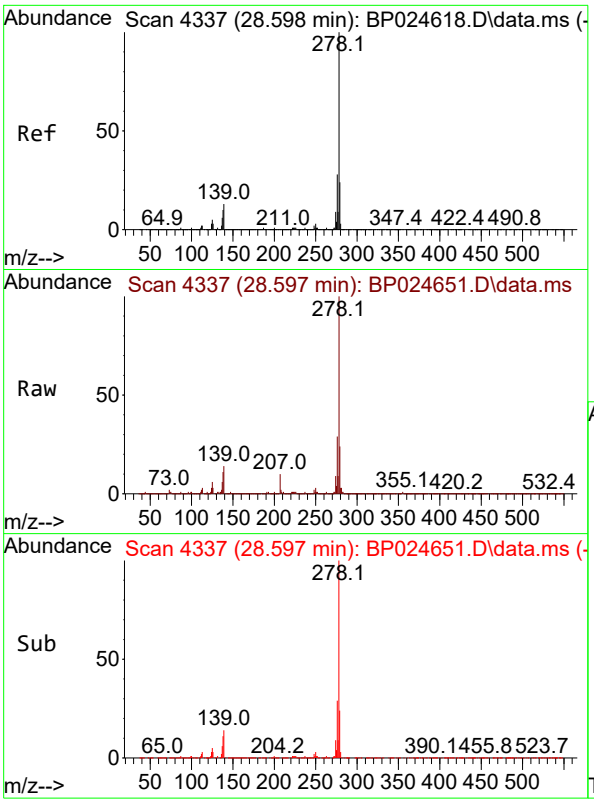


#90
Benzo(a)pyrene
Concen: 38.778 ng
RT: 24.645 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:252 Resp: 1919915

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.4	8.1	12.1



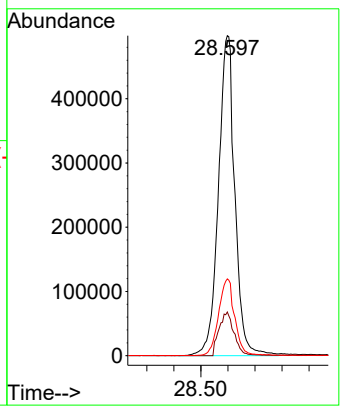


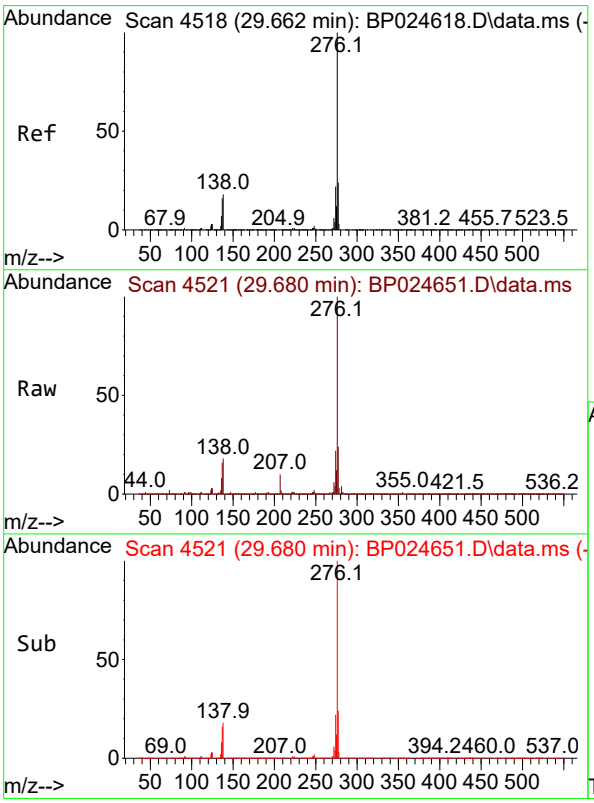
#91
Dibenzo(a,h)anthracene
Concen: 39.355 ng
RT: 28.597 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2105124

Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.2	15.4
279	24.0	19.0	28.4

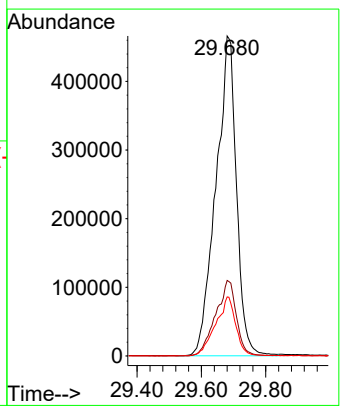




#92
Benzo(g,h,i)perylene
Concen: 38.902 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024651.D
Acq: 16 May 2025 10:49

Tgt Ion:276 Resp: 2069354

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	18.4	14.4	21.6



QC SAMPLE DATA

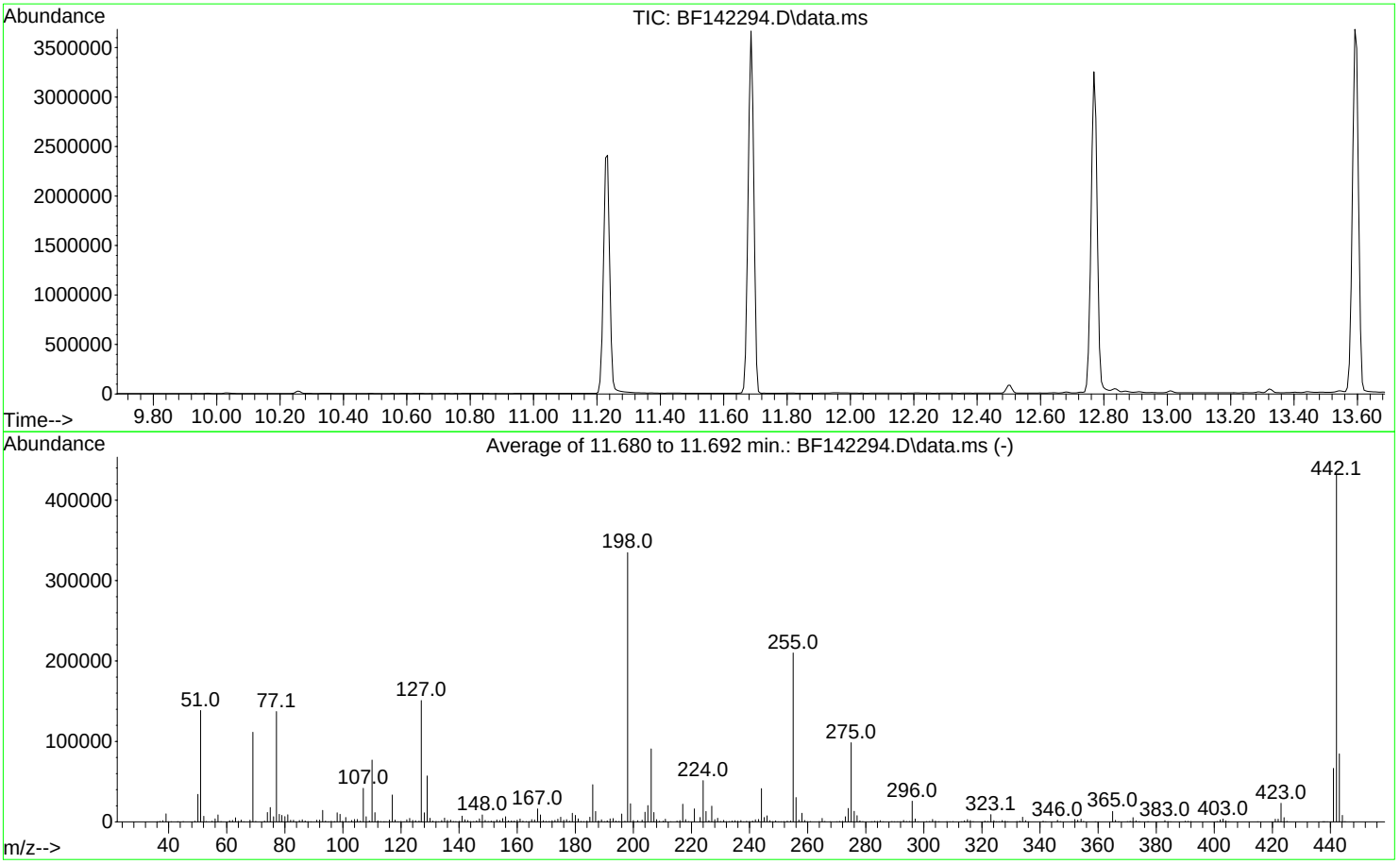
Sample Results: **BF142294.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 2025



AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	41.3	138422	PASS
68	69	0.00	2	1.8	2002	PASS
69	198	0.00	100	33.3	111451	PASS
70	69	0.00	2	0.5	606	PASS
127	198	10	80	45.1	150915	PASS
197	198	0.00	2	0.2	791	PASS
198	198	100	100	100.0	334827	PASS
199	198	5	9	6.7	22493	PASS
275	198	10	60	29.4	98472	PASS
365	198	1	100	3.9	13004	PASS
441	198	0.01	100	19.9	66483	PASS
442	442	50	100	100.0	431915	PASS
443	442	15	24	19.6	84477	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/5/2025	BNA_F	BF142294.D
Compound Name	**Response**	**Retention Time**
DDT	875067	13.592
DDD	9793	13.321
DDE	601	12.957
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10394	885461	1.17

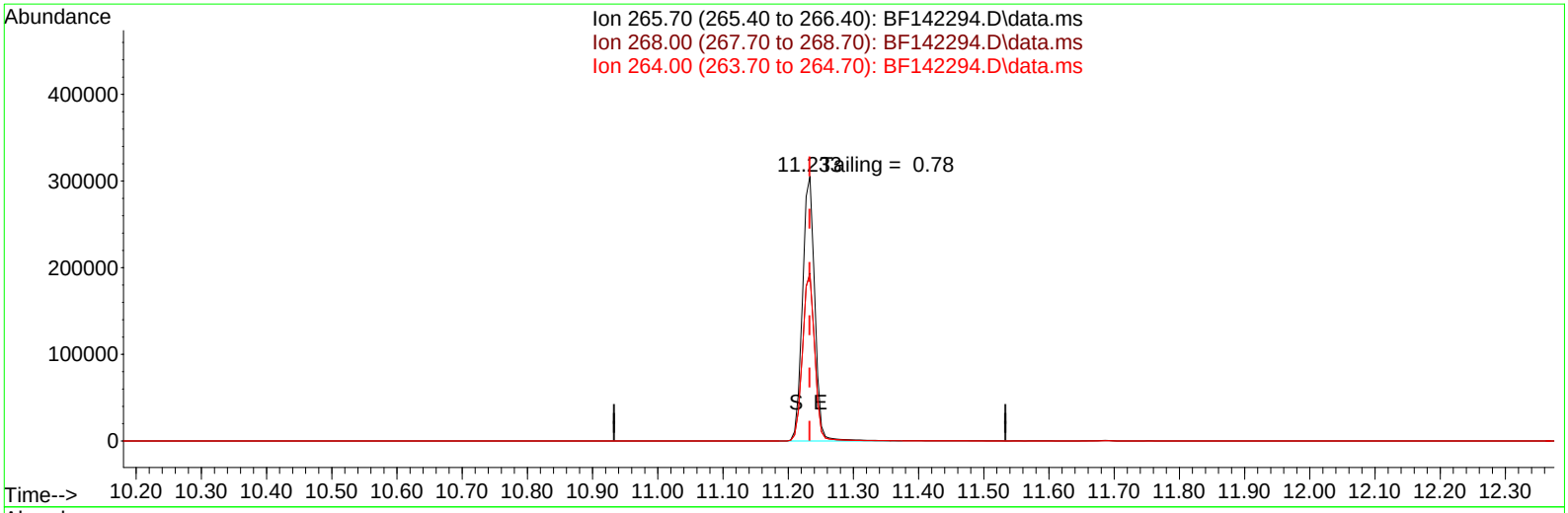
Instrument :
BNA_F
ClientSampleId :
DFTPP

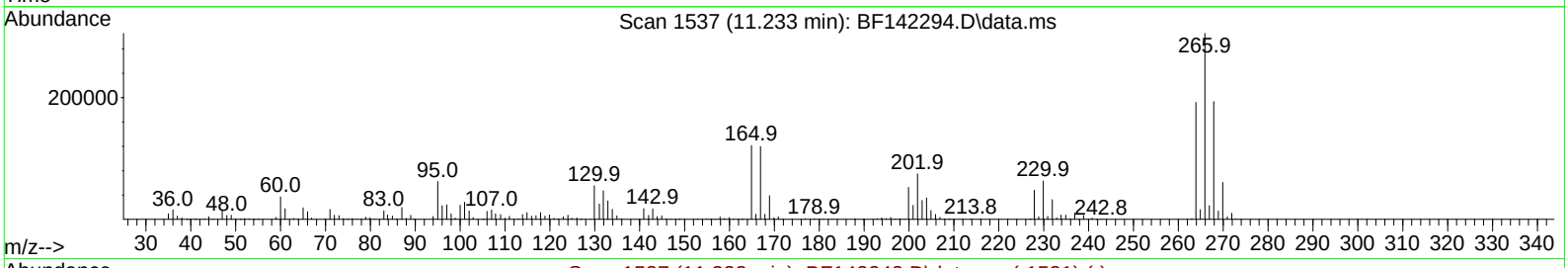
Sample Results: **BF142294.D**

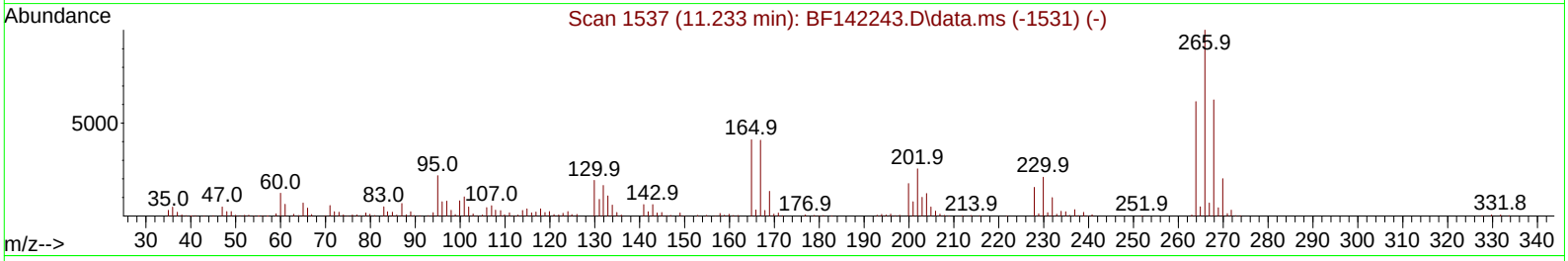
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 05 15:26:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 15:26:28 2025
Response via : Initial Calibration







TIC: BF142294.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 69841.70 ng

response 401301

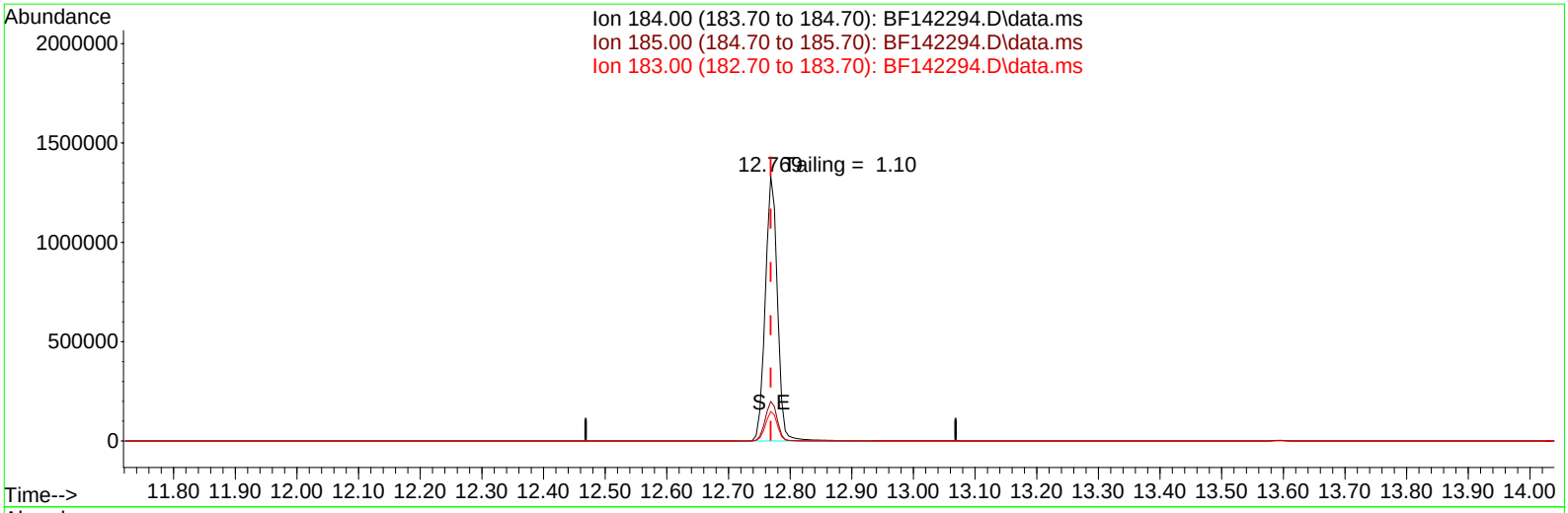
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.35
264.00	61.60	62.89
0.00	0.00	0.00

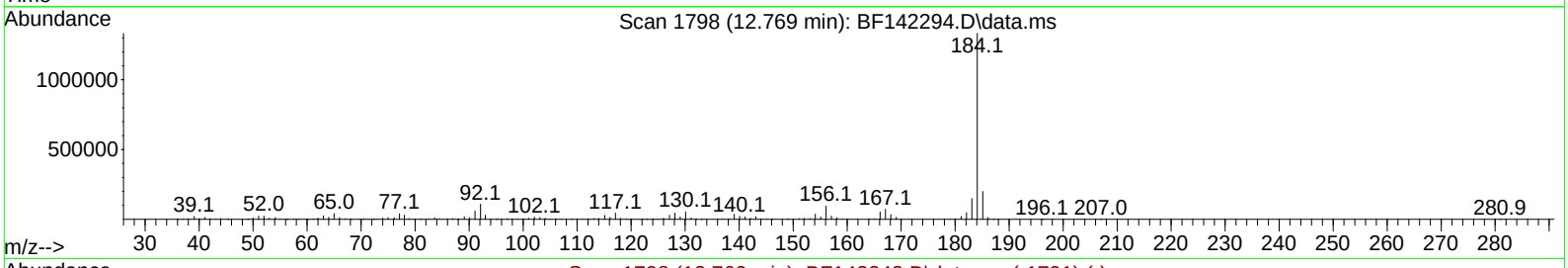
Sample Results: **BF142294.D**

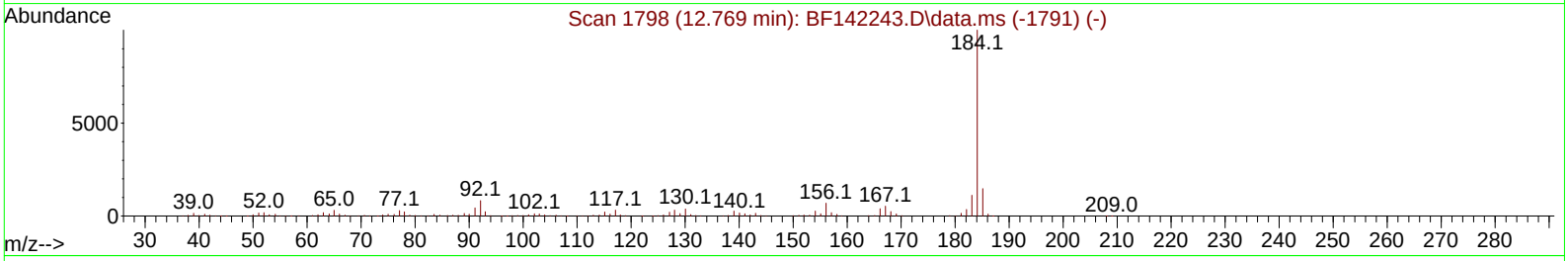
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142294.D
Acq On : 05 May 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 05 15:26:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 15:26:28 2025
Response via : Initial Calibration







TIC: BF142294.D\data.ms

(77) Benzidine

12.769min (-0.000) 69201.02 ng

response 1834842

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	15.01
183.00	11.10	11.15
0.00	0.00	0.00

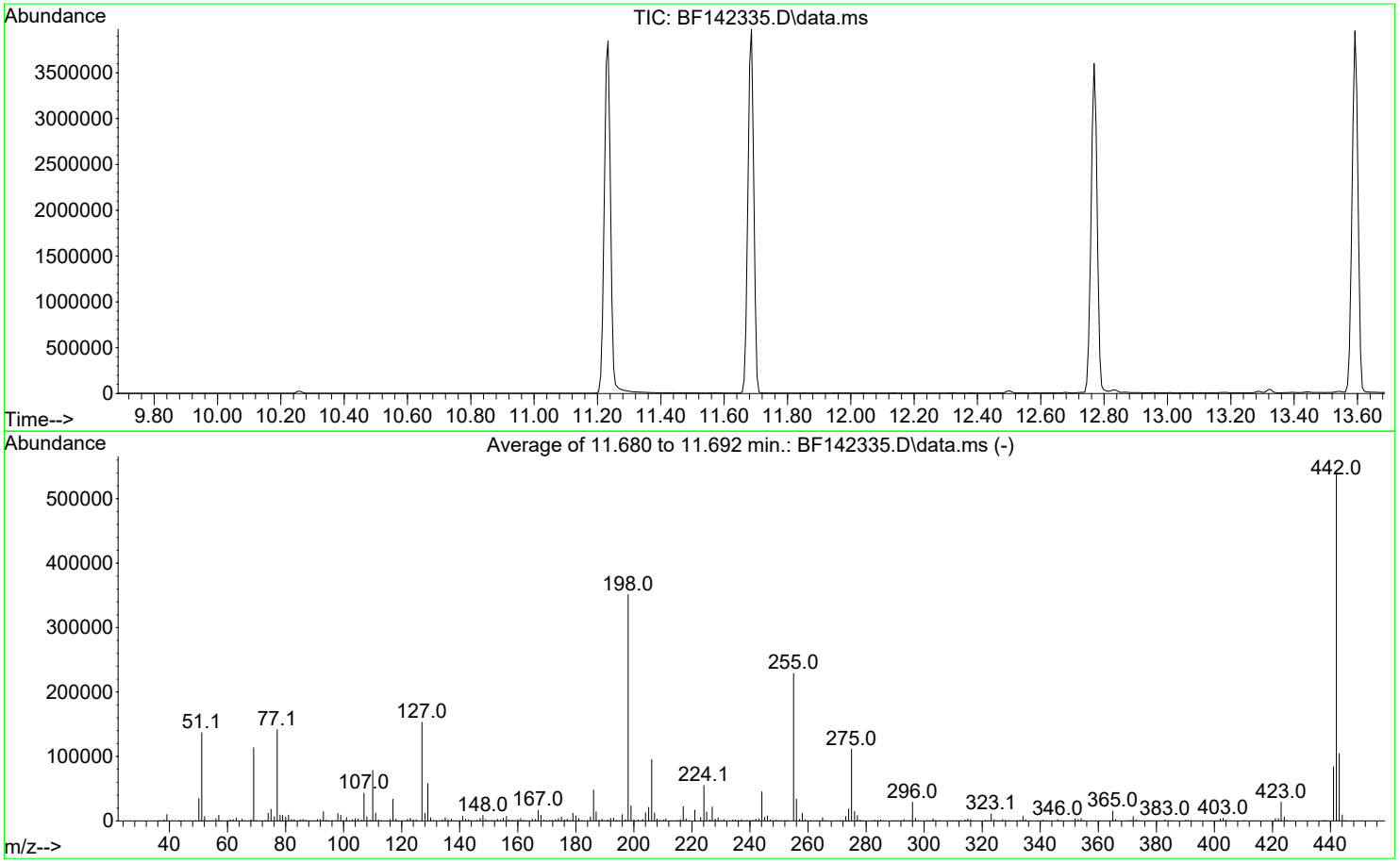
Sample Results: **BF142335.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142335.D
Acq On : 13 May 2025 10:20
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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 2025



AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.0	137011	PASS
68	69	0.00	2	1.9	2133	PASS
69	198	0.00	100	32.4	113659	PASS
70	69	0.00	2	0.6	668	PASS
127	198	10	80	43.6	153267	PASS
197	198	0.00	2	0.6	2125	PASS
198	198	100	100	100.0	351232	PASS
199	198	5	9	6.7	23472	PASS
275	198	10	60	31.7	111221	PASS
365	198	1	100	4.4	15525	PASS
441	198	0.01	100	23.9	83896	PASS
442	442	50	100	100.0	538432	PASS
443	442	15	24	19.4	104517	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/13/2025	BNA_F	BF142335.D
Compound Name	**Response**	**Retention Time**
DDT	977951	13.592
DDD	13135	13.322
DDE	606	12.957
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
13741	991692	1.39

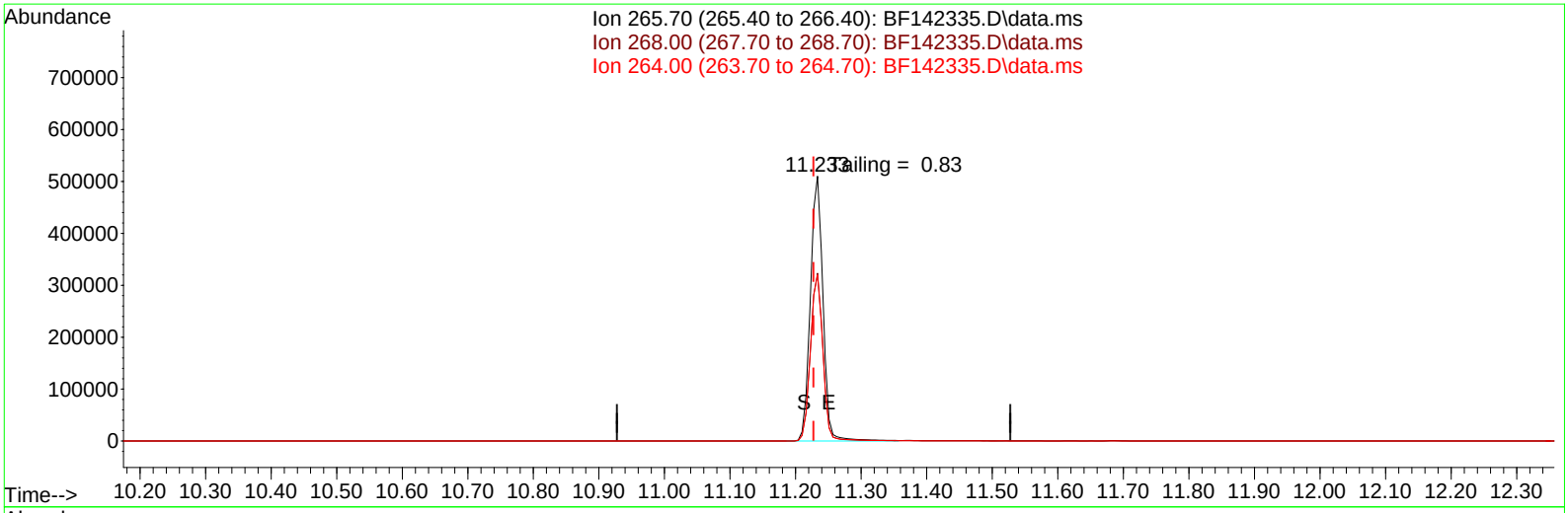
Instrument :
BNA_F
ClientSampleId :
DFTPP

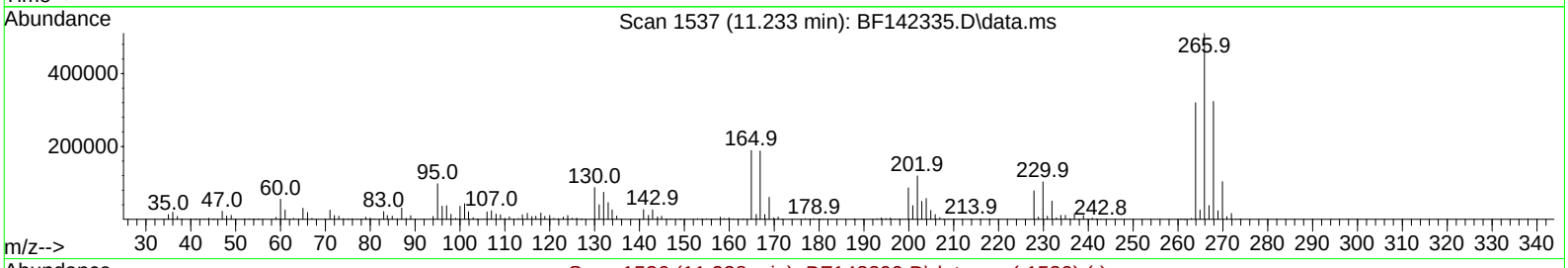
Sample Results: **BF142335.D**

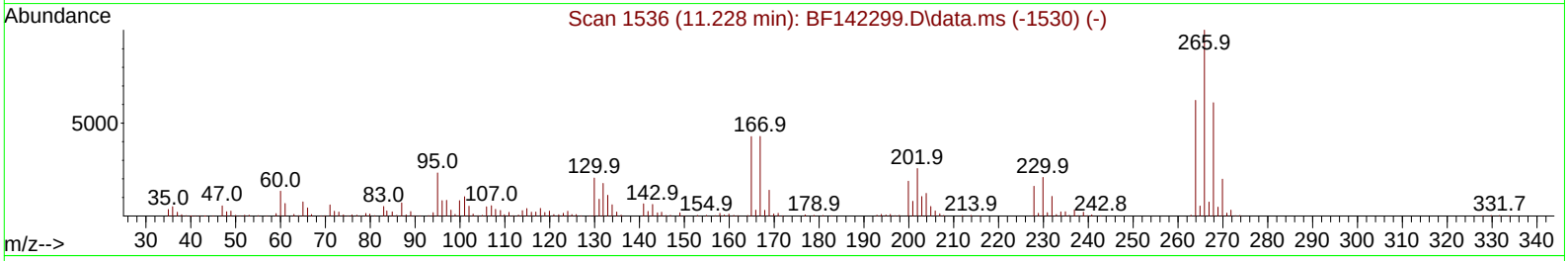
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142335.D
Acq On : 13 May 2025 10:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 13 11:35:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142335.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.006) 828247.03 ng

response 684411

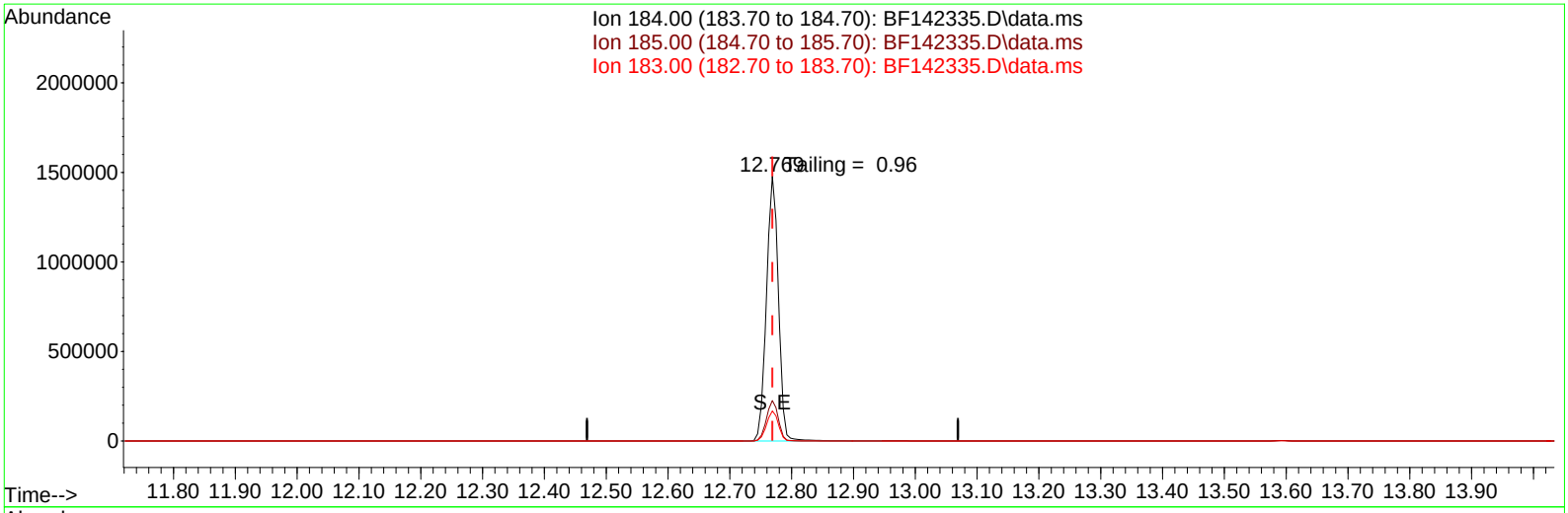
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.40
264.00	62.20	62.74
0.00	0.00	0.00

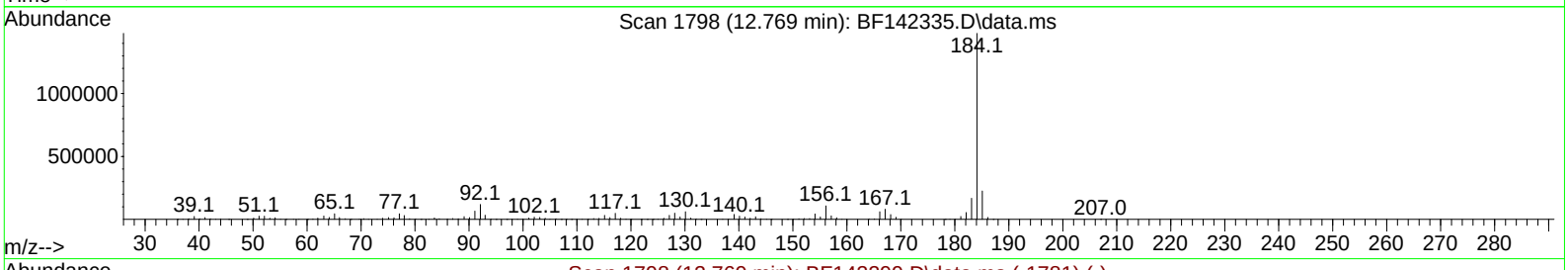
Sample Results: **BF142335.D**

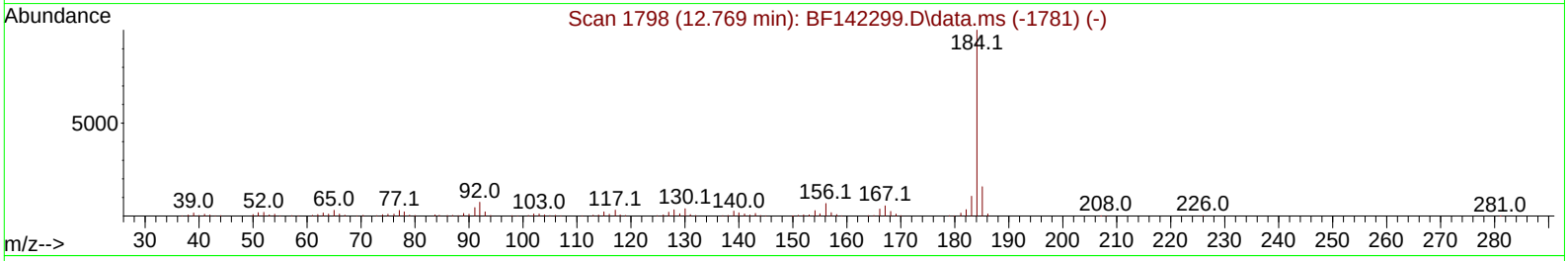
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142335.D
Acq On : 13 May 2025 10:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 13 11:35:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142335.D\data.ms

(77) Benzidine

12.769min (-0.000) 1007757.80 ng

response 1996205

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	15.25
183.00	10.70	11.33
0.00	0.00	0.00

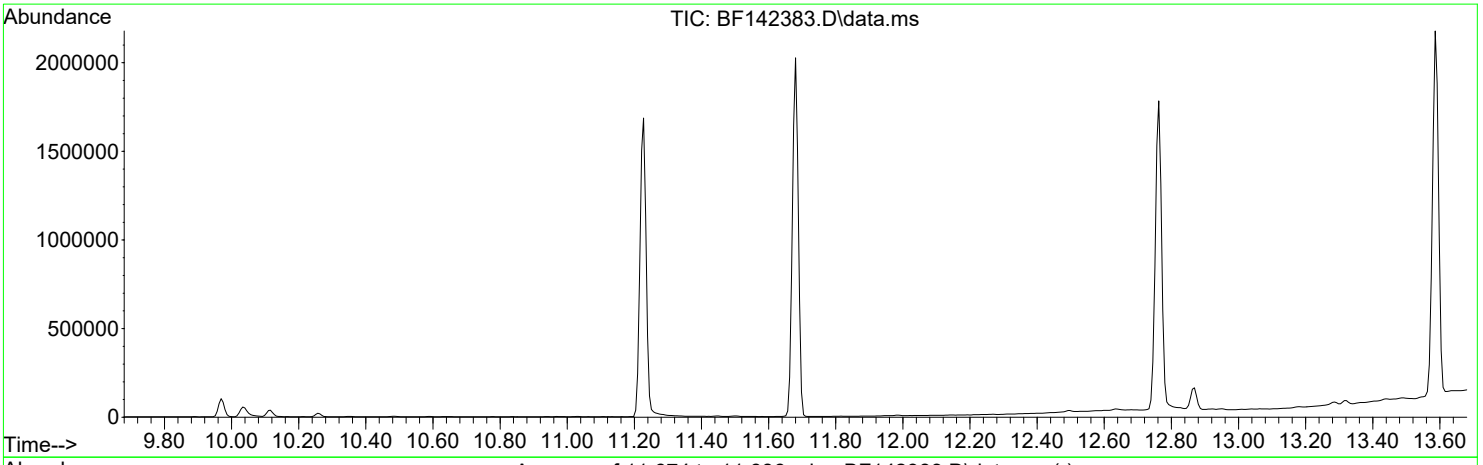
Sample Results: **BF142383.D**

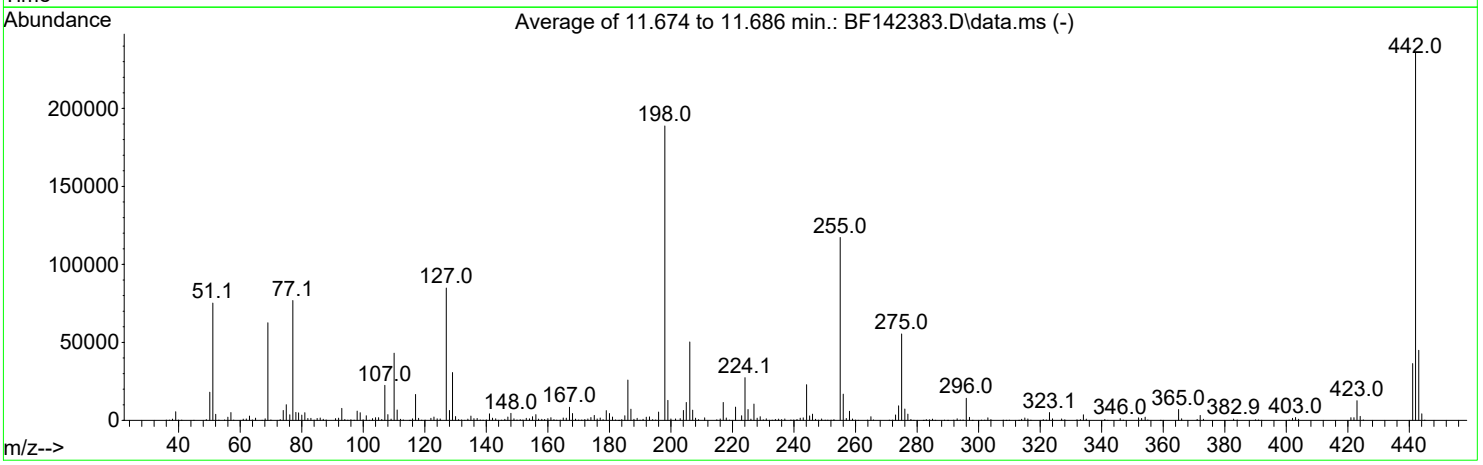
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142383.D
Acq On : 15 May 2025 09:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 05 18:41:44 2025





AutoFind: Scans 1612, 1613, 1614; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.8	75184	PASS
68	69	0.00	2	1.7	1079	PASS
69	198	0.00	100	33.2	62629	PASS
70	69	0.00	2	0.5	299	PASS
127	198	10	80	45.0	84867	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	188736	PASS
199	198	5	9	6.8	12787	PASS
275	198	10	60	29.3	55387	PASS
365	198	1	100	3.7	6961	PASS
441	198	0.01	100	19.3	36435	PASS
442	442	50	100	100.0	235861	PASS
443	442	15	24	19.1	44984	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/15/2025	BNA_F	BF142383.D
Compound Name	**Response**	**Retention Time**
DDT	530900	13.586
DDD	9628	13.321
DDE	972	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
10600	541500	1.96

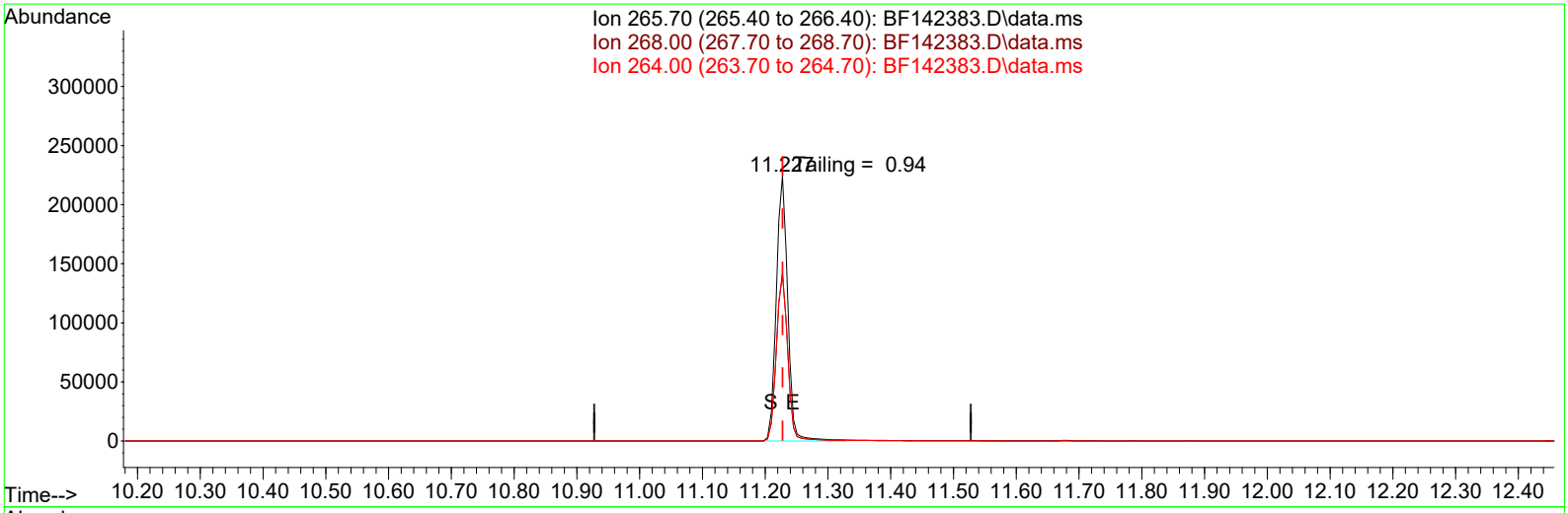
Instrument :
BNA_F
ClientSampleId :
DFTPP

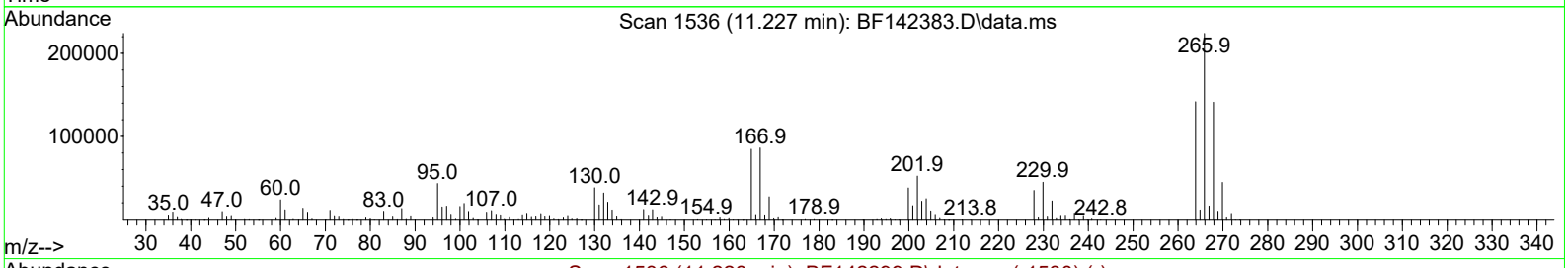
Sample Results: **BF142383.D**

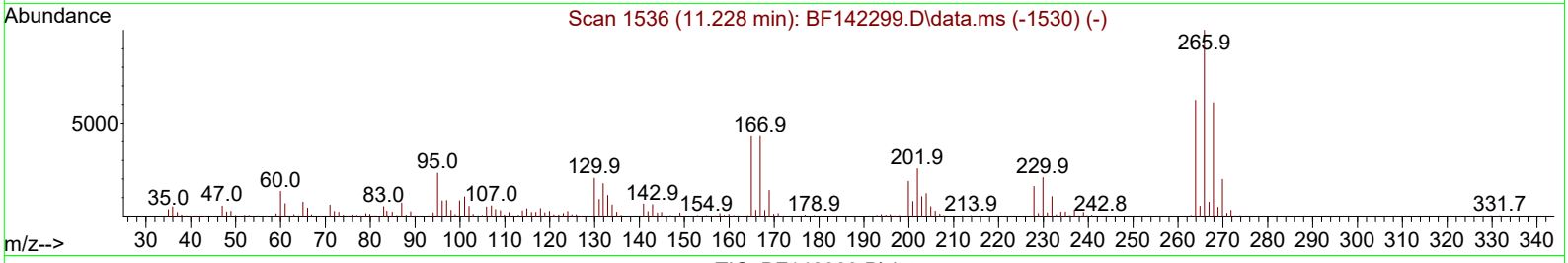
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142383.D
Acq On : 15 May 2025 09:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 16 03:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142383.D\data.ms

(70) Pentachlorophenol (C)

11.227min (-0.000) 44844.10 ng

response 288510

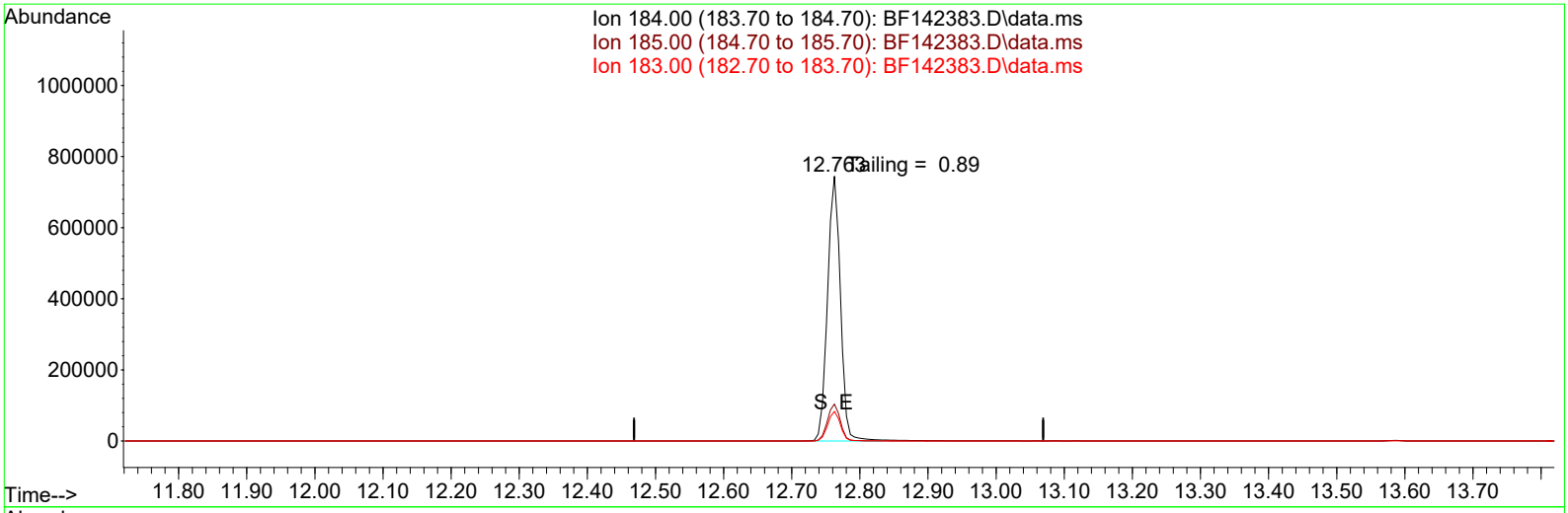
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	62.98
264.00	62.20	63.27
0.00	0.00	0.00

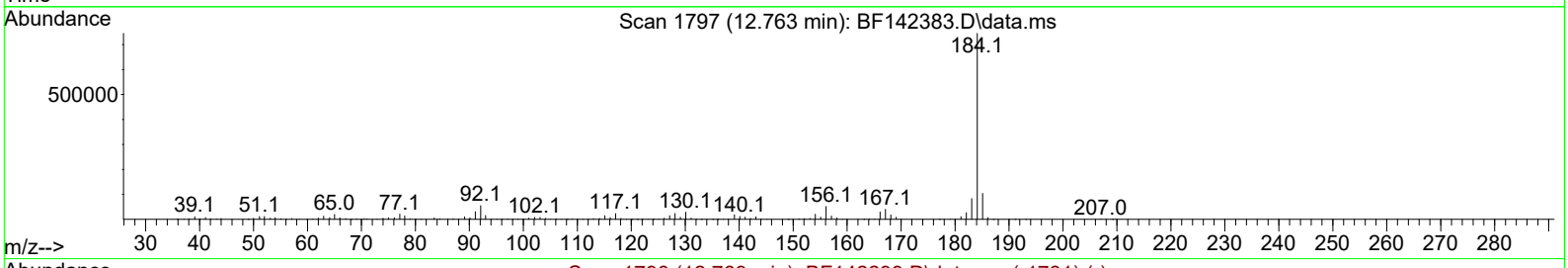
Sample Results: **BF142383.D**

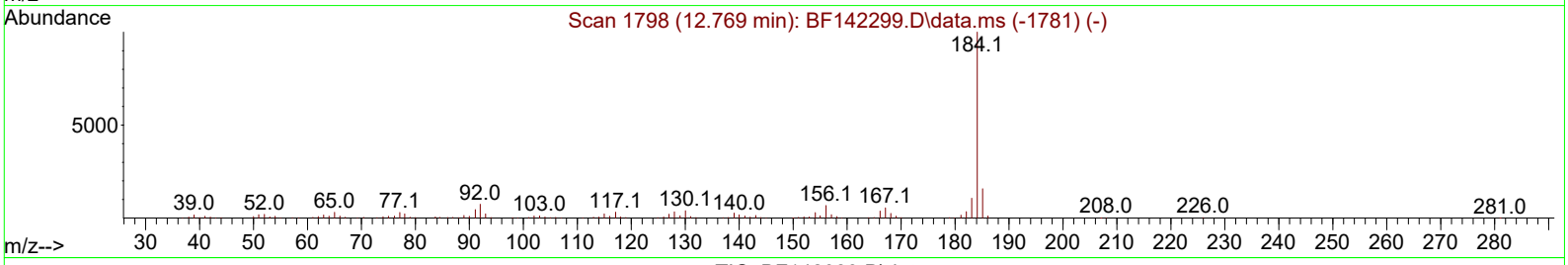
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142383.D
Acq On : 15 May 2025 09:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 16 03:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142383.D\data.ms

(77) Benzidine

12.763min (-0.006) 484587.50 ng m

response 977502

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	13.94
183.00	10.70	11.16
0.00	0.00	0.00

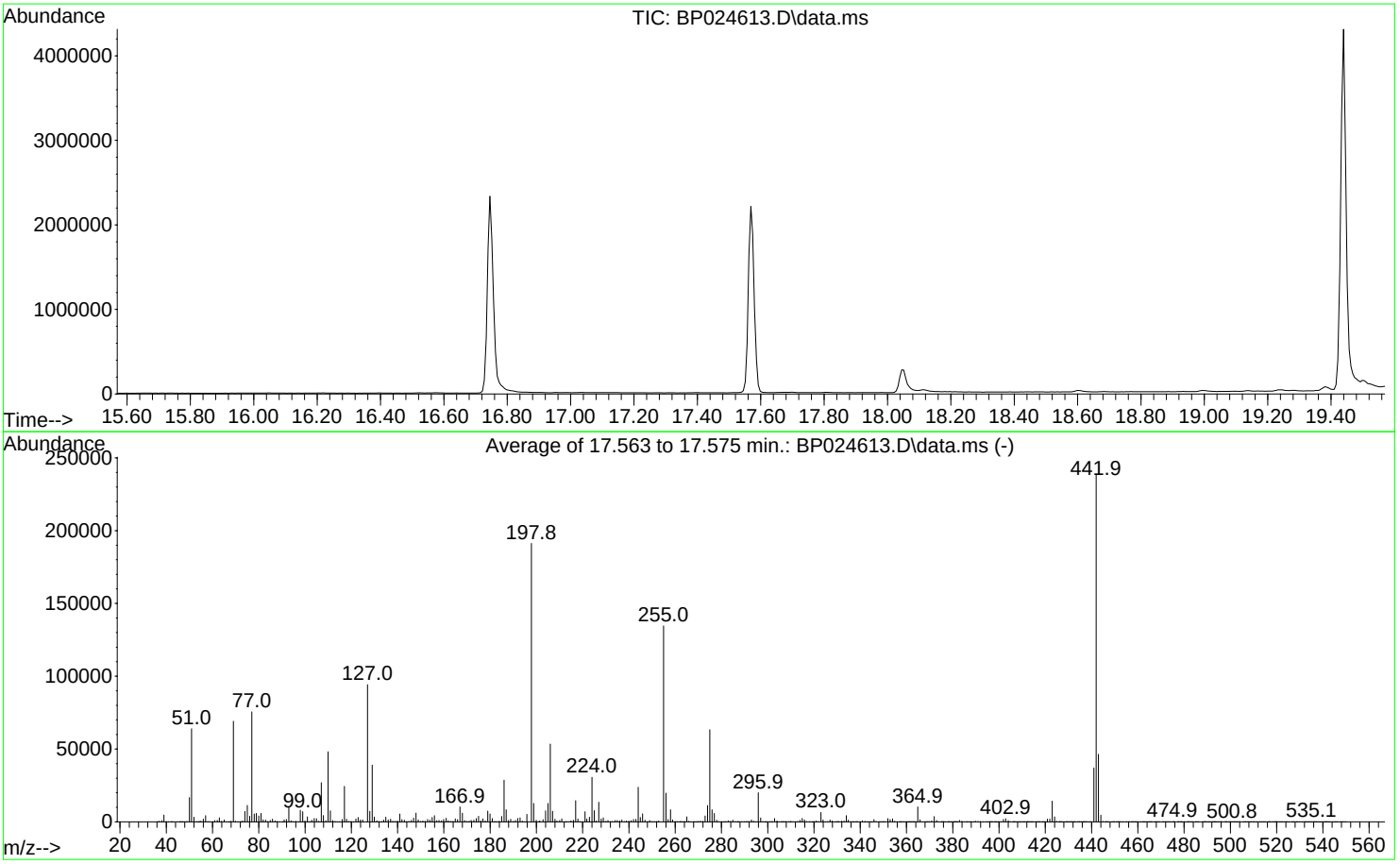
Sample Results: **BP024613.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2449

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.5	63968	PASS
68	69	0.00	2	0.6	438	PASS
69	198	0.00	100	36.2	69152	PASS
70	69	0.00	2	0.6	419	PASS
127	198	10	80	49.3	94192	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	191223	PASS
199	198	5	9	6.6	12661	PASS
275	198	10	60	33.1	63293	PASS
365	198	1	100	5.4	10286	PASS
441	198	0.01	100	19.4	37080	PASS
442	442	100	100	100.0	238569	PASS
443	442	15	24	19.4	46397	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/13/2025	BNA_P	BP024613.D
Compound Name	**Response**	**Retention Time**
DDT	750509	20.716
DDD	13774	20.269
DDE	1248	19.733
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
15022	765531	1.96

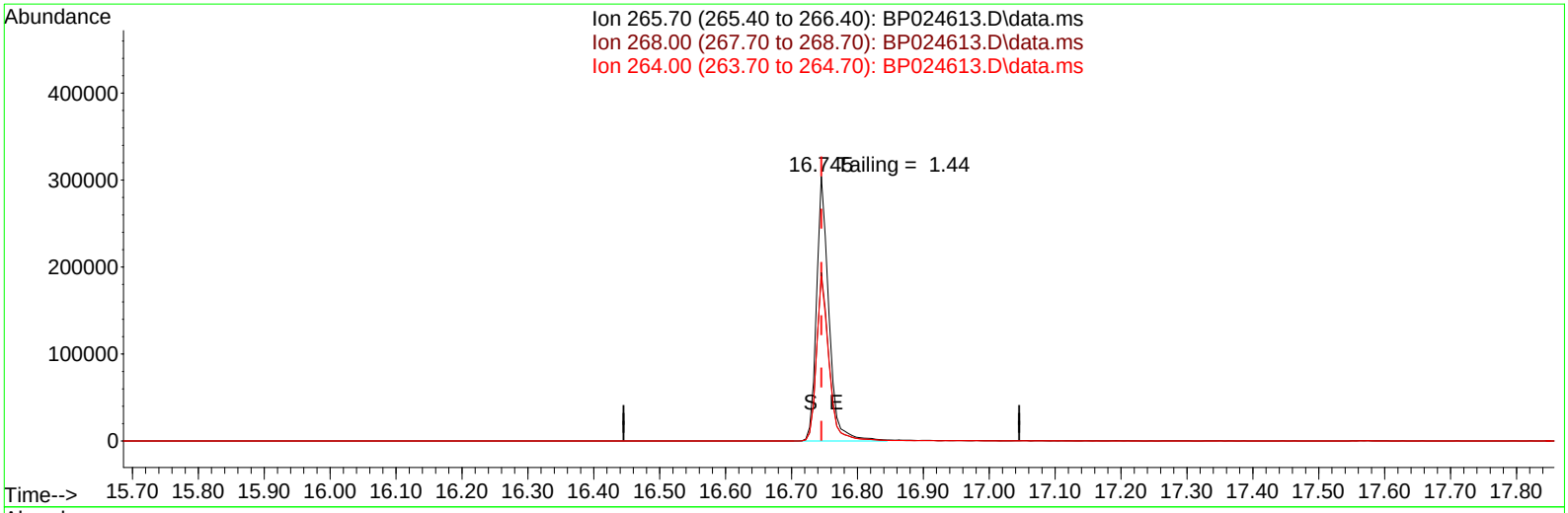
Instrument :
BNA_P
ClientSampleId :
DFTPP

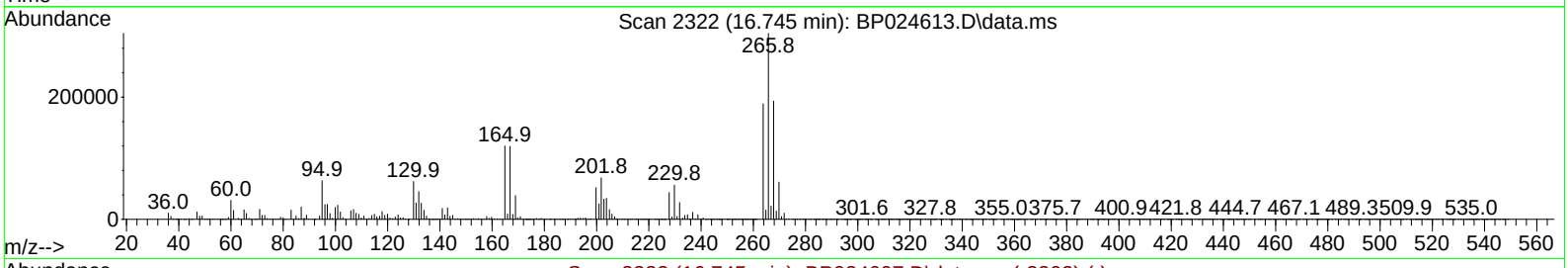
Sample Results: **BP024613.D**

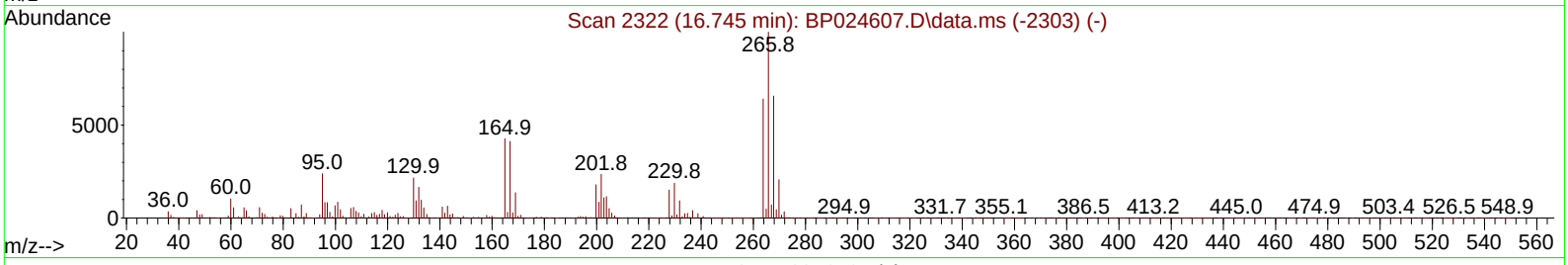
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration







TIC: BP024613.D\data.ms

(70) Pentachlorophenol (C)

16.745min (-0.000) 42670.46 ng

response 398426

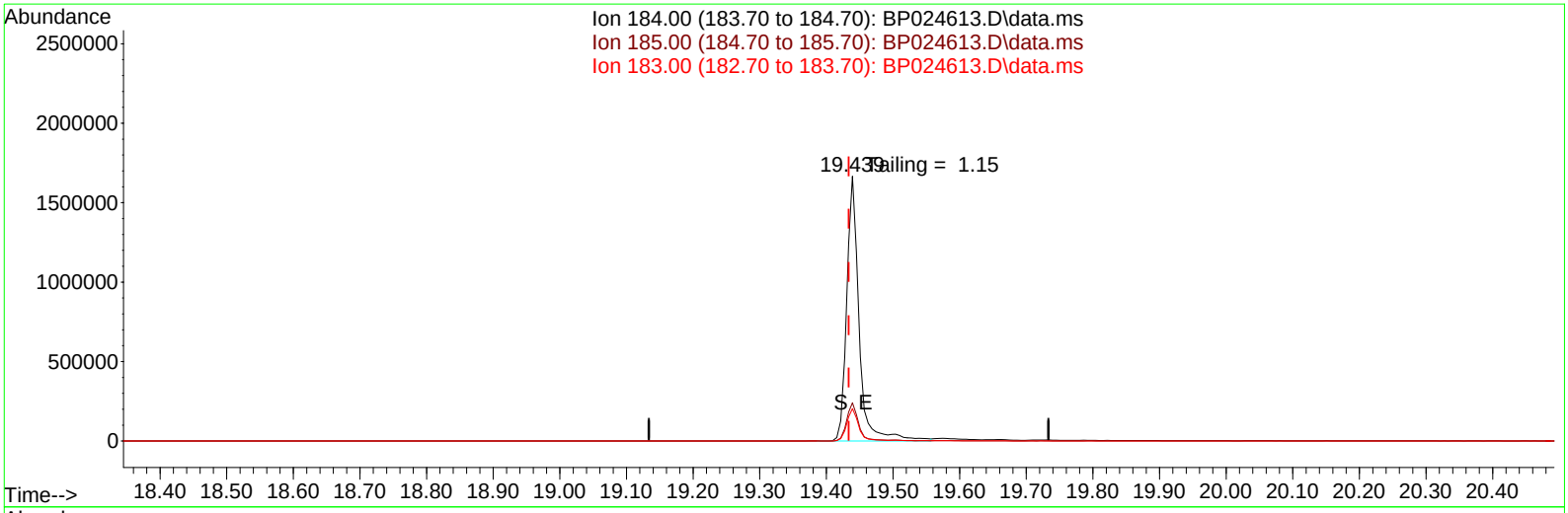
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.60	63.59
264.00	64.00	62.12
0.00	0.00	0.00

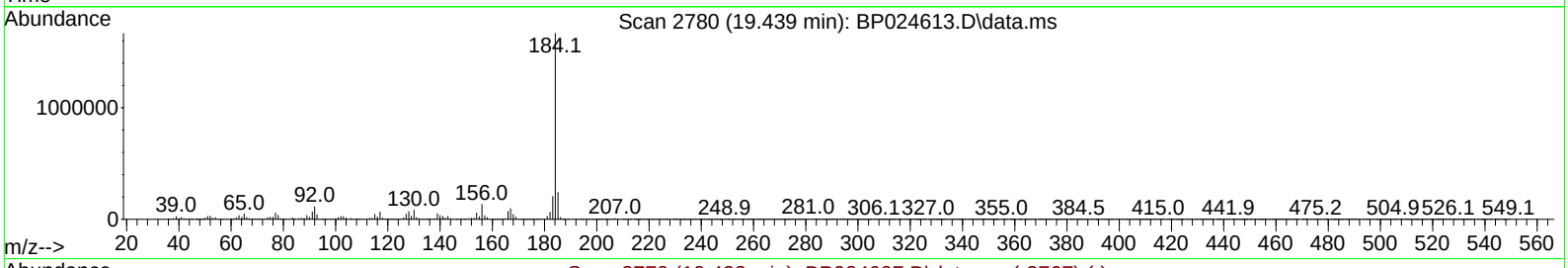
Sample Results: **BP024613.D**

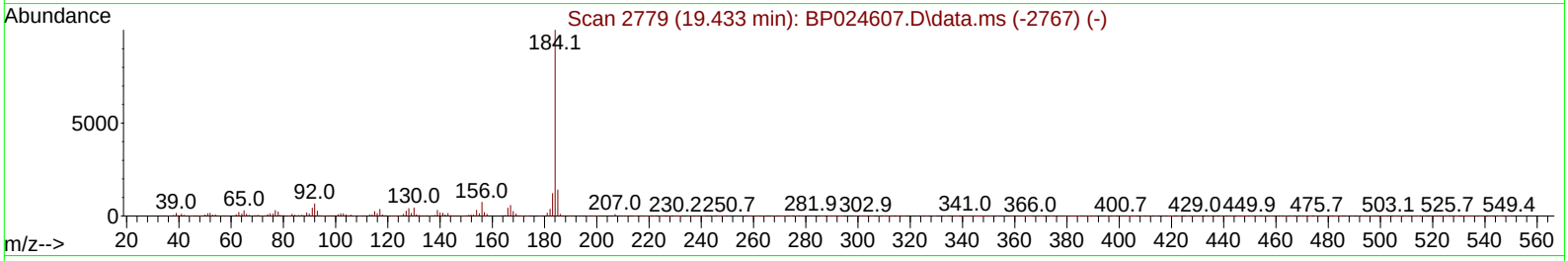
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration







TIC: BP024613.D\data.ms

(77) Benzidine

19.439min (+ 0.006) 5637.89 ng

response 2074486

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.46
183.00	12.10	12.23
0.00	0.00	0.00

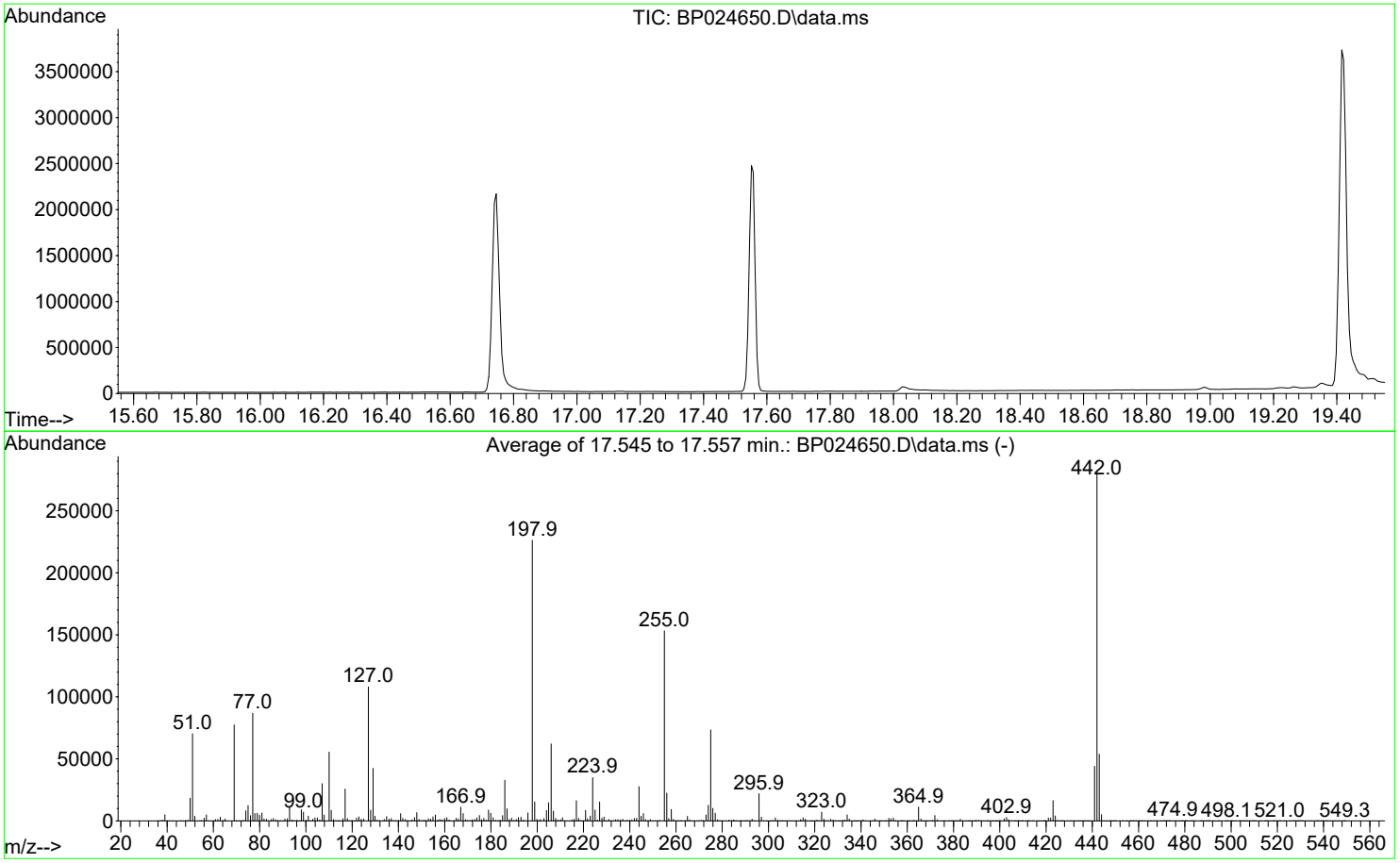
Sample Results: **BP024650.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024650.D
Acq On : 16 May 2025 10:09
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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2458, 2459, 2460; Background Corrected with Scan 2451

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.1	70396	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	34.2	77409	PASS
70	69	0.00	2	0.5	369	PASS
127	198	10	80	47.7	108031	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	226304	PASS
199	198	5	9	6.8	15346	PASS
275	198	10	60	32.4	73333	PASS
365	198	1	100	5.0	11247	PASS
441	198	0.01	100	19.5	44040	PASS
442	442	100	100	100.0	279744	PASS
443	442	15	24	19.2	53844	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/16/2025	BNA_P	BP024650.D
Compound Name	**Response**	**Retention Time**
DDT	891212	20.704
DDD	17896	20.251
DDE	477	19.804
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18373	909585	2.02

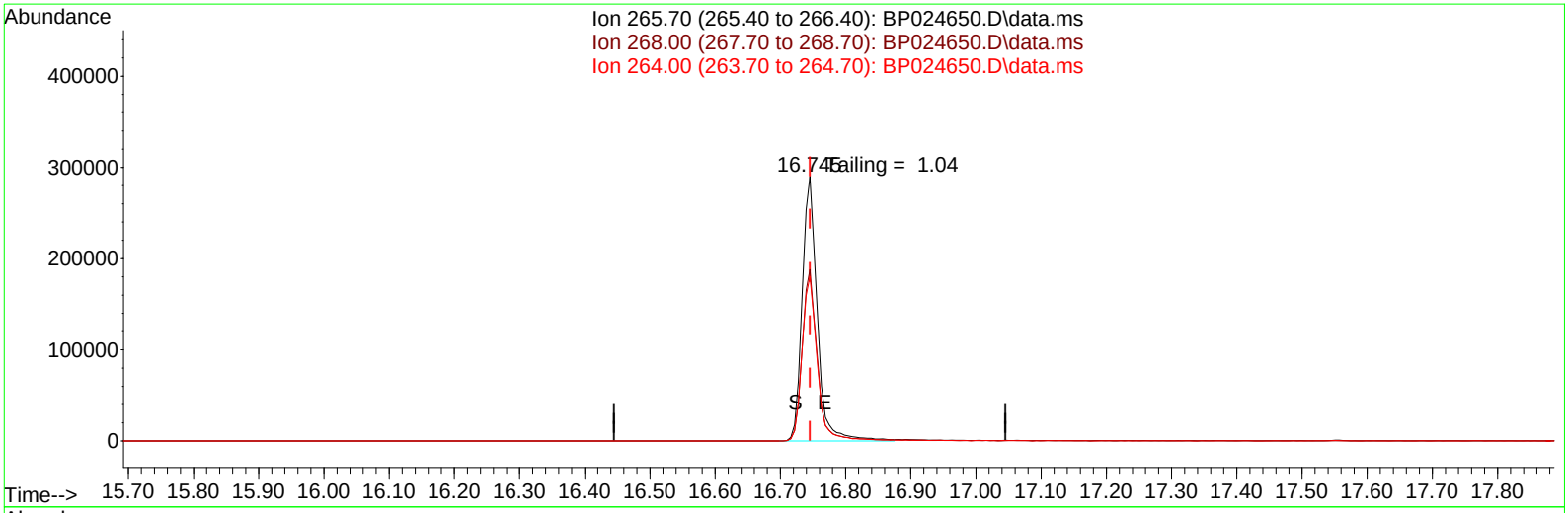
Instrument :
BNA_P
ClientSampleId :
DFTPP

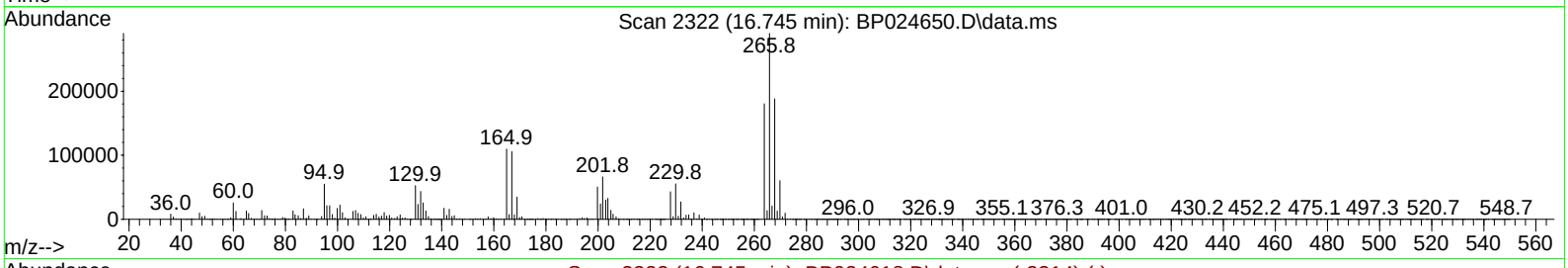
Sample Results: **BP024650.D**

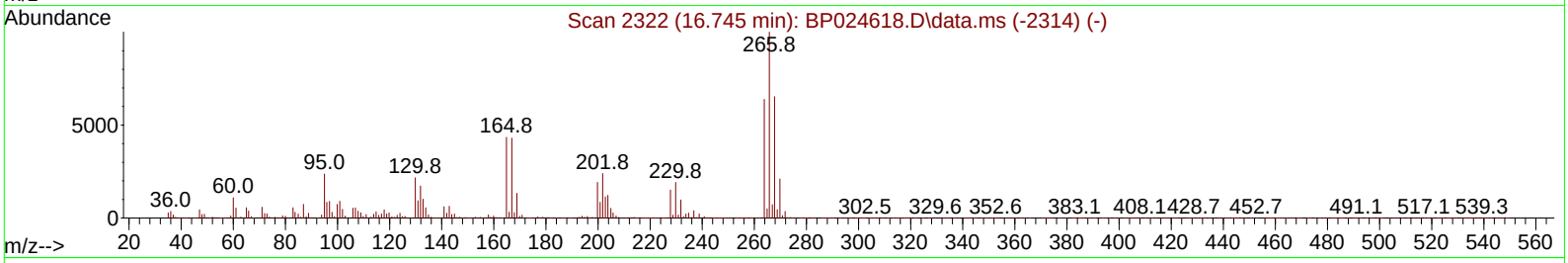
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024650.D
Acq On : 16 May 2025 10:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 16 11:41:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024650.D\data.ms

(70) Pentachlorophenol (C)

16.745min (+ 0.000) 55883.60 ng

response 469236

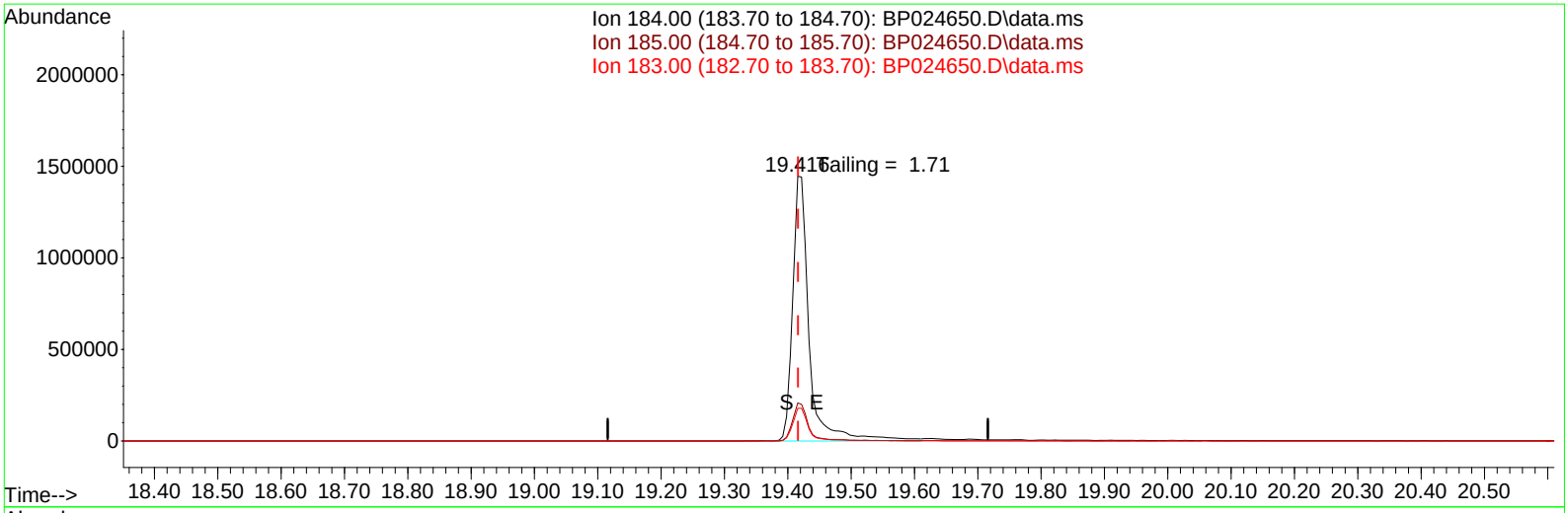
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	64.79
264.00	63.90	62.17
0.00	0.00	0.00

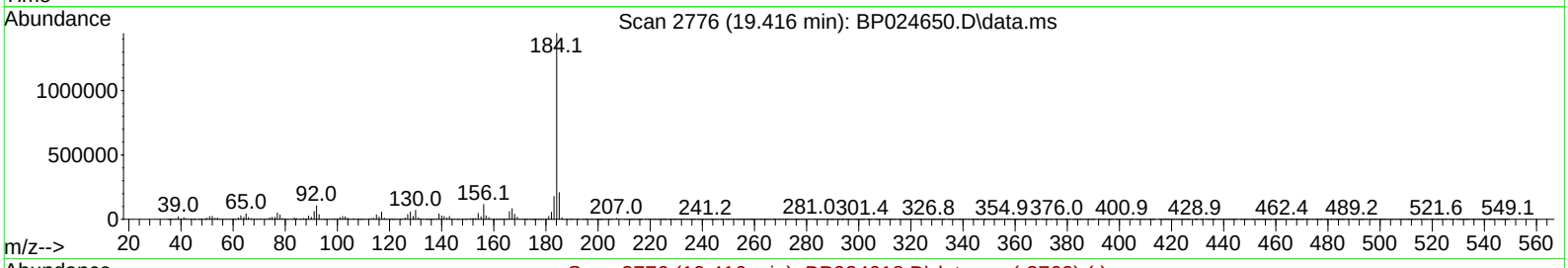
Sample Results: **BP024650.D**

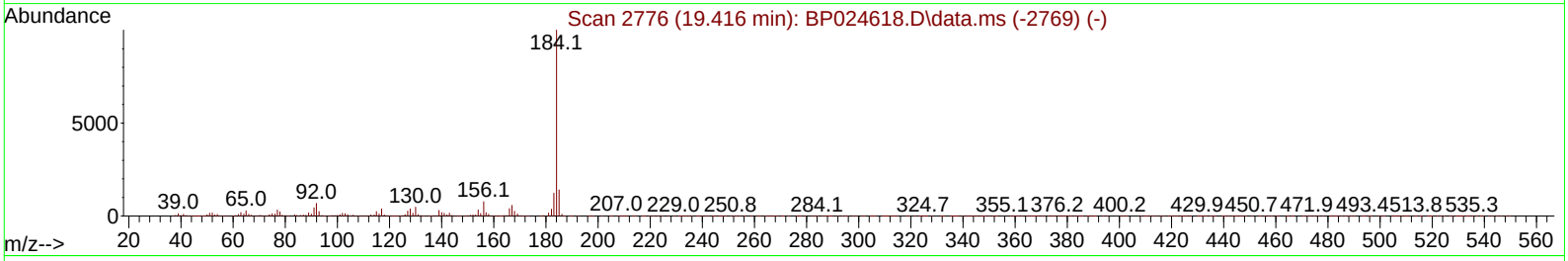
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024650.D
Acq On : 16 May 2025 10:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 16 11:41:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024650.D\data.ms

(77) Benzidine

19.416min (-0.000) 43939.06 ng

response 2620821

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	14.40
183.00	12.30	12.37
0.00	0.00	0.00

Raw Data: **BF142385.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	
Client Sample ID:	PB167951BL	SDG No.:	Q1993
Lab Sample ID:	PB167951BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142385.D	1	05/12/25 08:40	05/15/25 10:37	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

Raw Data: **BF142385.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	
Client Sample ID:	PB167951BL	SDG No.:	Q1993
Lab Sample ID:	PB167951BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142385.D	1	05/12/25 08:40	05/15/25 10:37	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

Raw Data: **BF142385.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	
Client Sample ID:	PB167951BL	SDG No.:	Q1993
Lab Sample ID:	PB167951BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142385.D	1	05/12/25 08:40	05/15/25 10:37	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		10 - 139	84%	SPK: 150
13127-88-3	Phenol-d6	123		10 - 134	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.0		49 - 133	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.5		52 - 132	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	72.8		48 - 125	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	183000	6.904			
1146-65-2	Naphthalene-d8	716000	8.181			
15067-26-2	Acenaphthene-d10	391000	9.939			
1517-22-2	Phenanthrene-d10	727000	11.422			
1719-03-5	Chrysene-d12	498000	14.063			
1520-96-3	Perylene-d12	376000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.90	A		5.14	ug/L
	unknown7.304	2.10	J		7.30	ug/L

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	
Client Sample ID:	PB167951BL	SDG No.:	Q1993
Lab Sample ID:	PB167951BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142385.D	1	05/12/25 08:40	05/15/25 10:37	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Quant Time: May 15 11:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

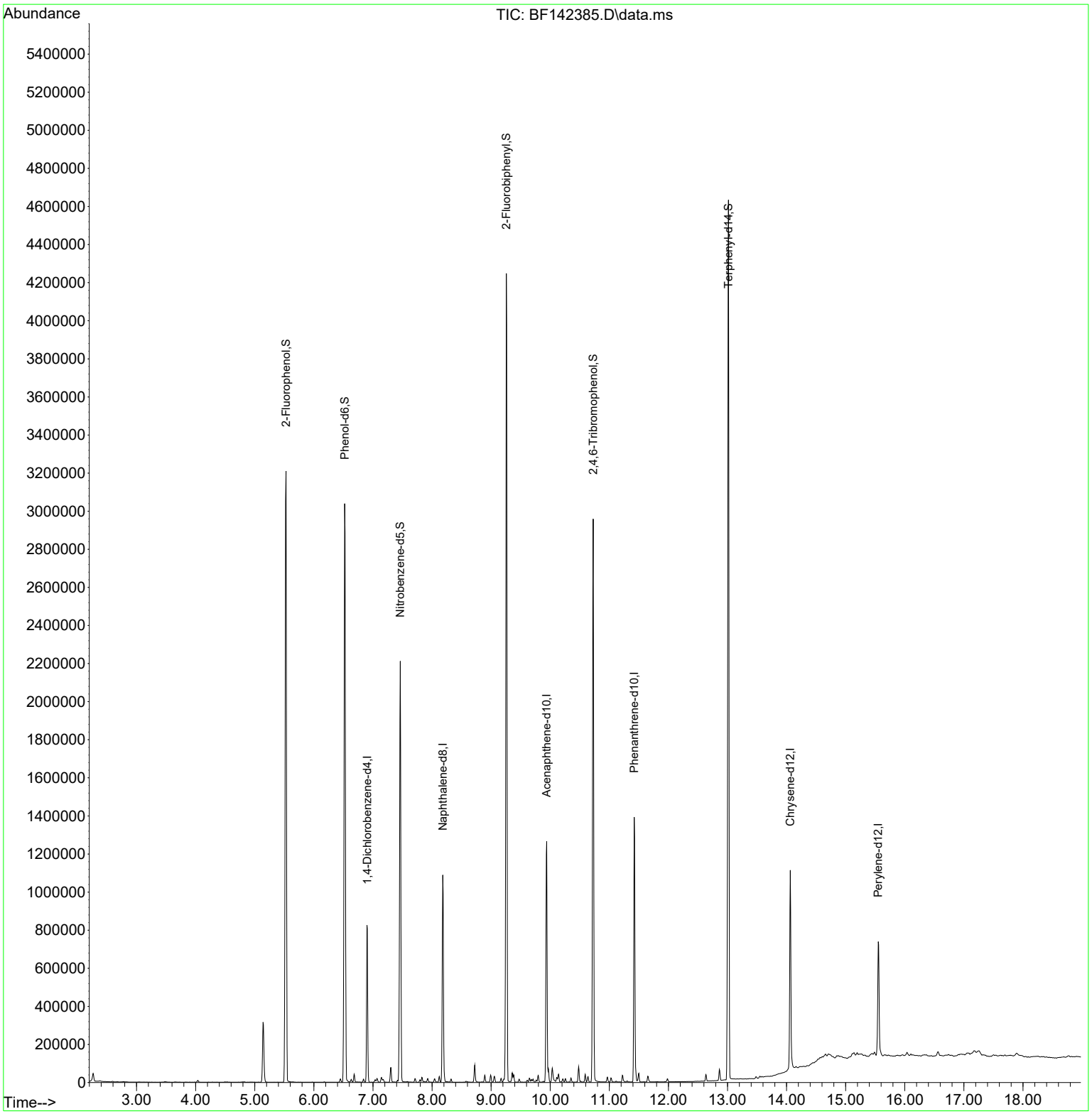
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	182996	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	716318	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	391073	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	726822	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	497782	20.000	ng	0.00
86) Perylene-d12	15.551	264	375900	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1351432	126.068	ng	0.02
7) Phenol-d6	6.522	99	1625642	123.299	ng	0.00
23) Nitrobenzene-d5	7.463	82	1009960	85.988	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	584610	154.833	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2044339	74.538	ng	0.00
79) Terphenyl-d14	13.016	244	2449976	72.848	ng	0.00
Target Compounds						Qvalue

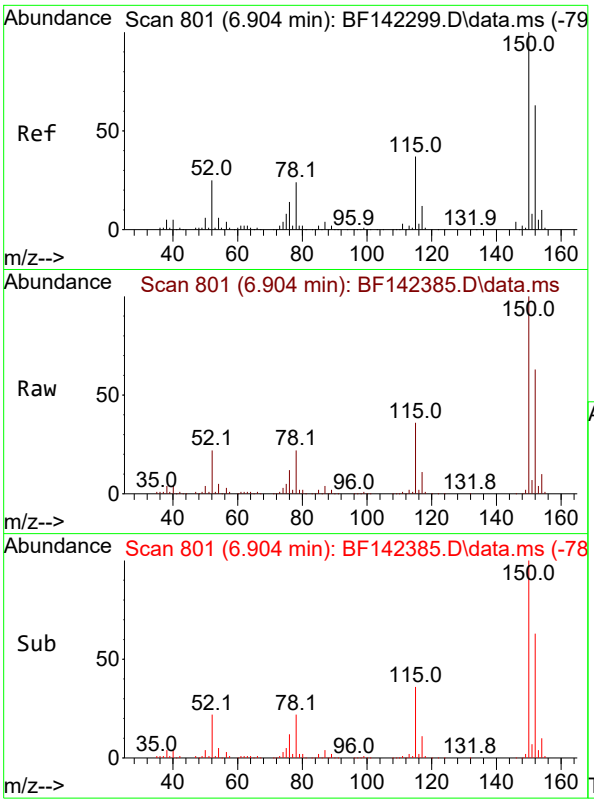
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Quant Time: May 15 11:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



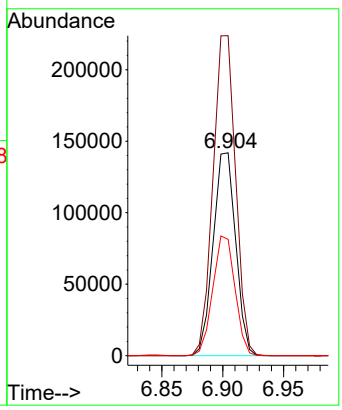


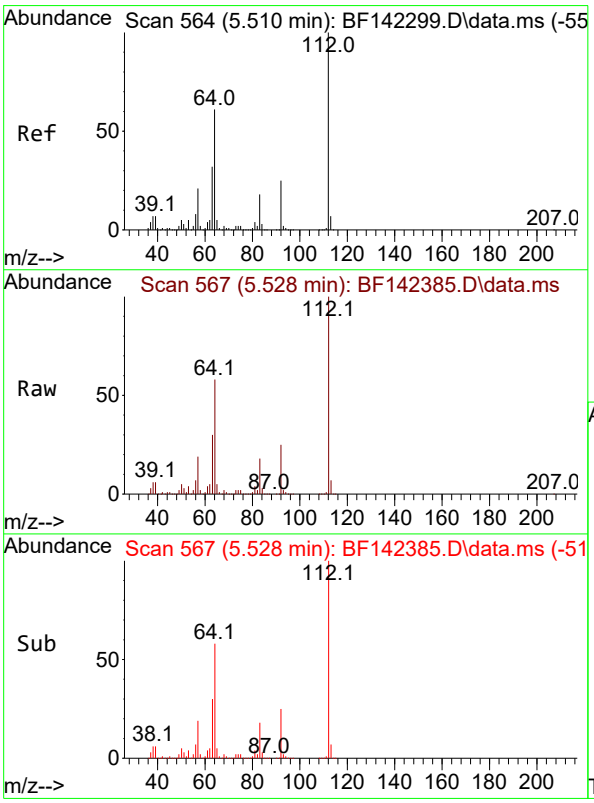
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Tgt Ion:152 Resp: 182996

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	190.0
115	57.3	47.3	70.9

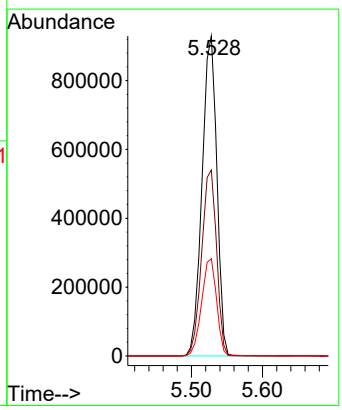


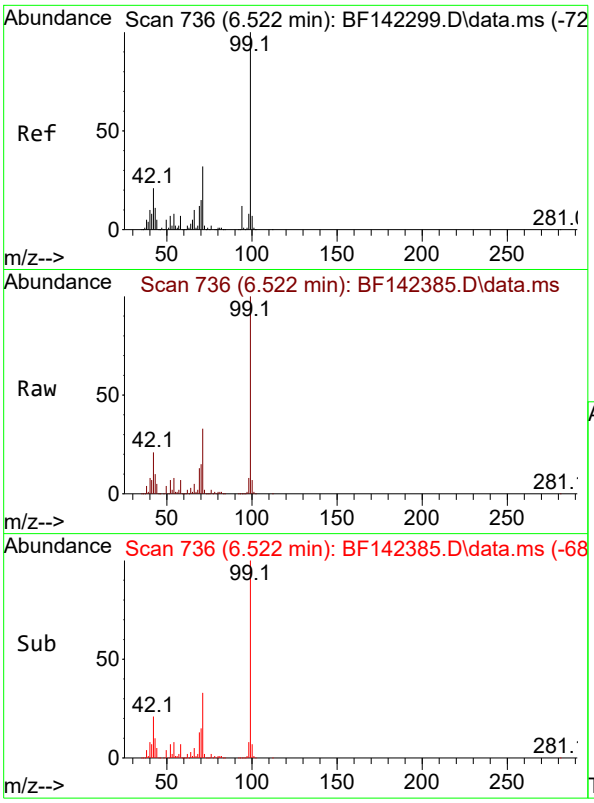


#5
2-Fluorophenol
Concen: 126.068 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:112 Resp: 1351432

Ion	Ratio	Lower	Upper
112	100		
64	58.1	48.9	73.3
63	30.4	25.6	38.4



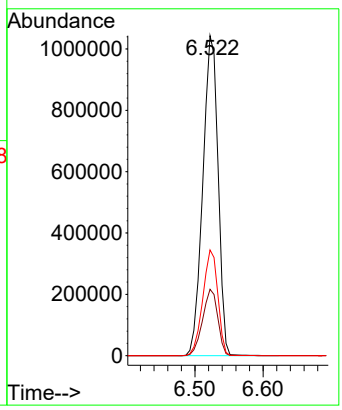


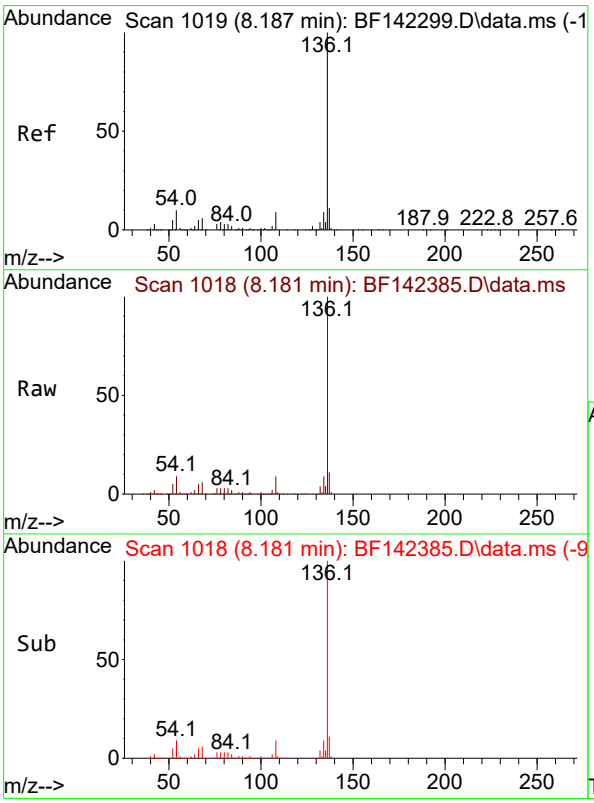
#7
Phenol-d6
Concen: 123.299 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Tgt Ion: 99 Resp: 1625642

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.4
71	33.1	25.8	38.8

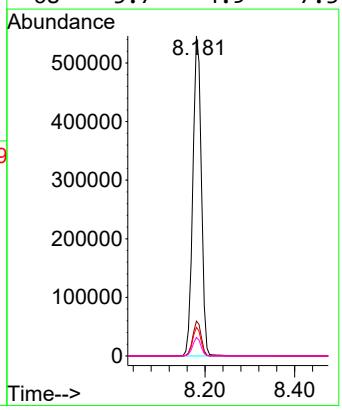


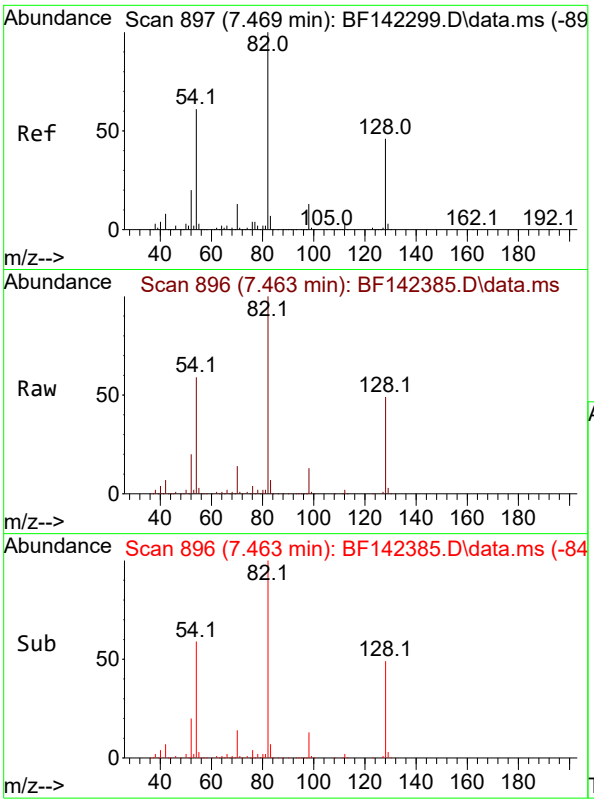


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:136 Resp: 716318

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	7.7	11.5
68	5.7	4.9	7.3



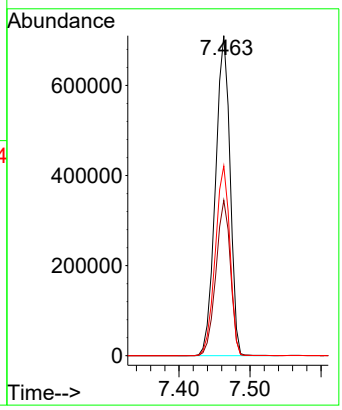


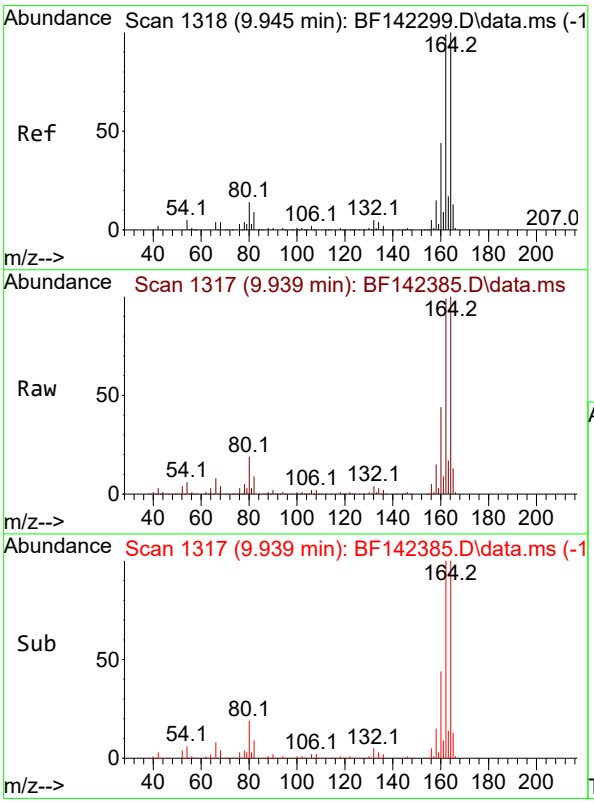
#23
Nitrobenzene-d5
Concen: 85.988 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Tgt Ion: 82 Resp: 1009960

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.0	55.6
54	59.3	48.6	73.0

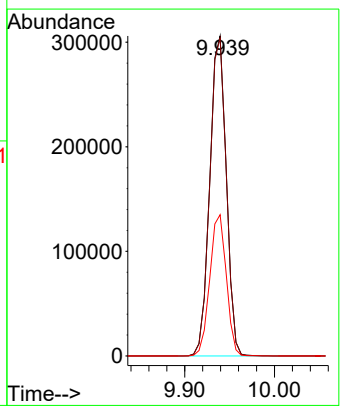


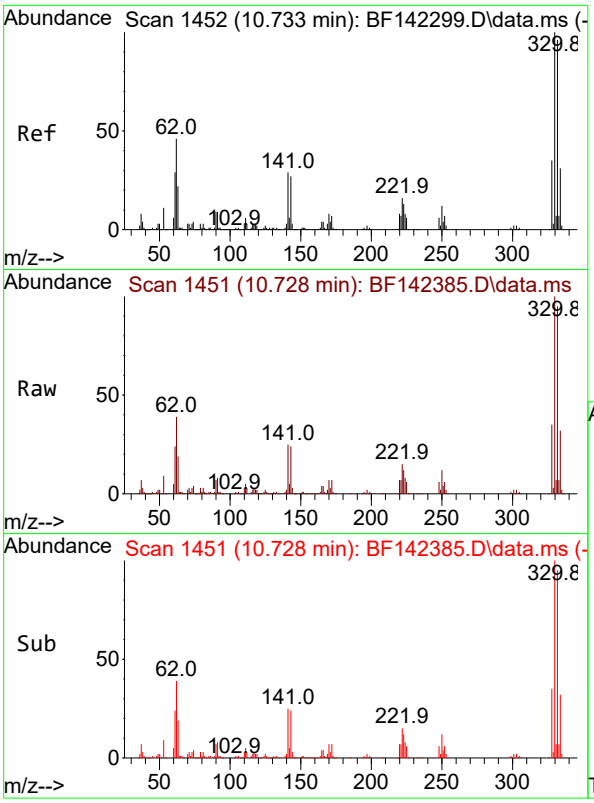


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:164 Resp: 391073

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.2	118.8
160	44.1	35.3	52.9



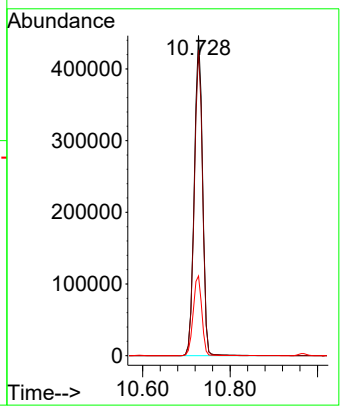


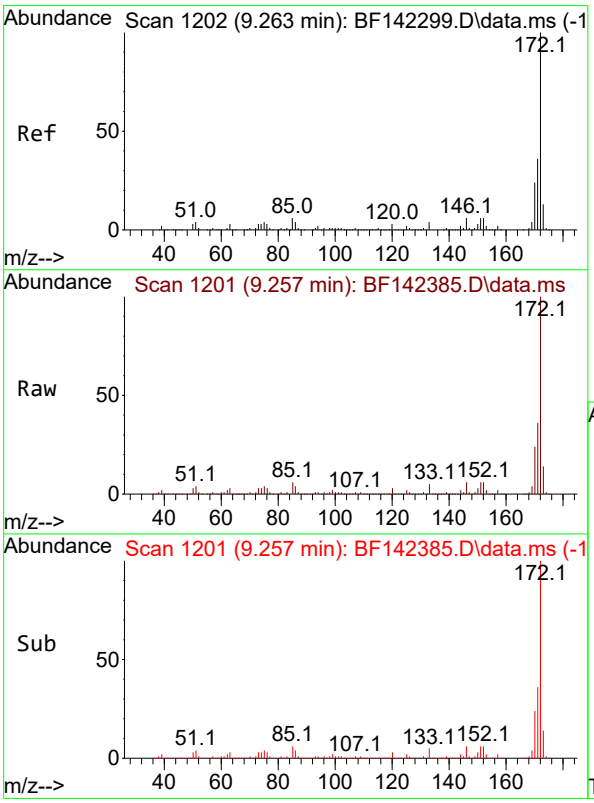
#42
2,4,6-Tribromophenol
Concen: 154.833 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Tgt Ion:330 Resp: 584610

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	26.0	24.9	37.3

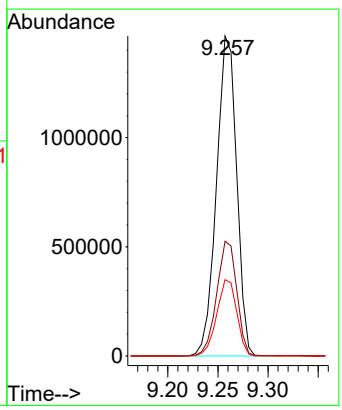


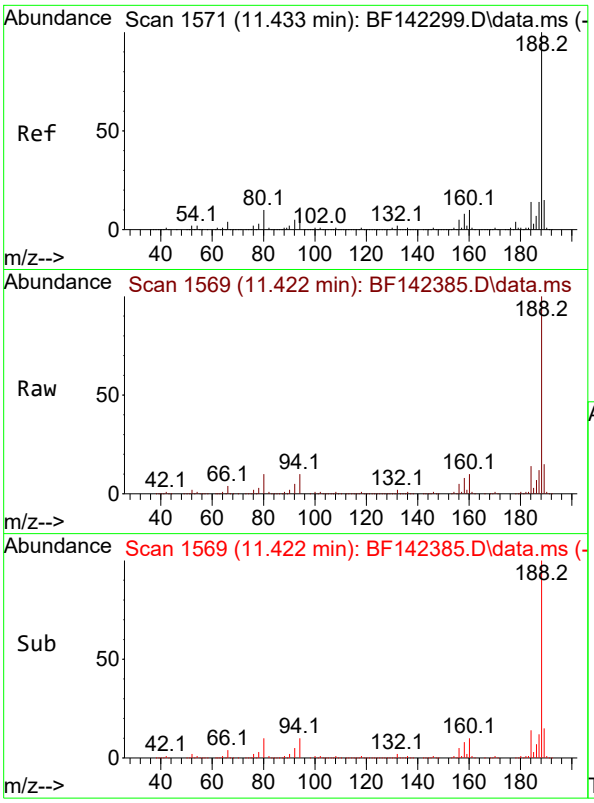


#45
2-Fluorobiphenyl
Concen: 74.538 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:172 Resp: 2044339

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.9	19.0	28.4



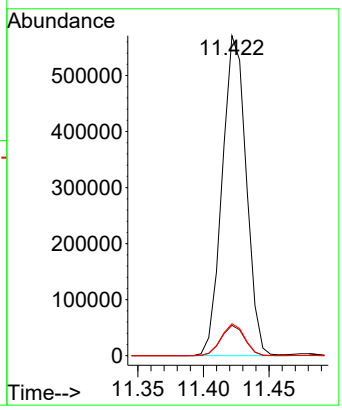


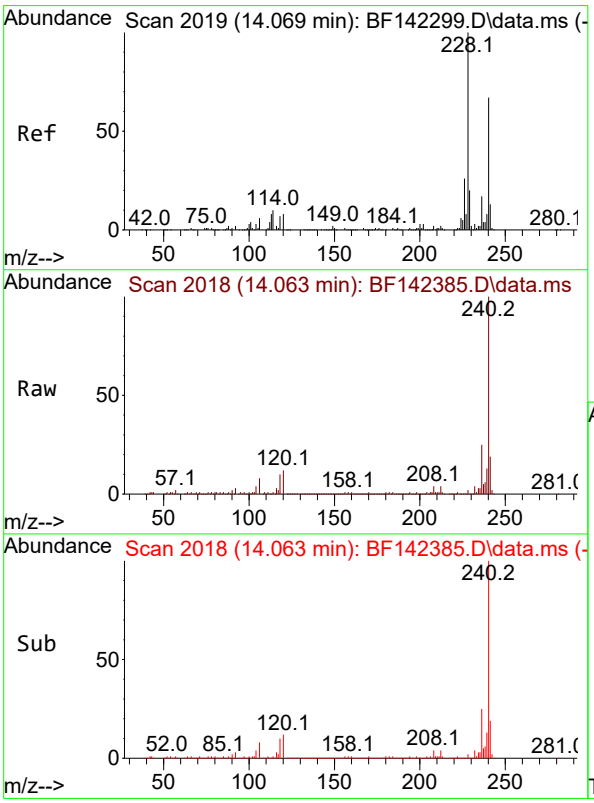
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Tgt Ion:188 Resp: 726822

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.0	7.9	11.9

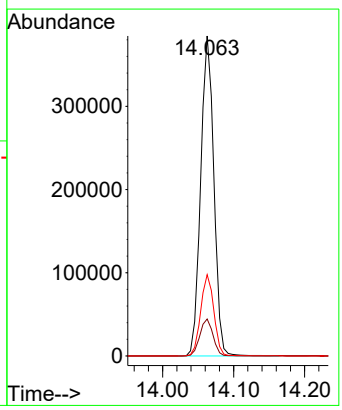


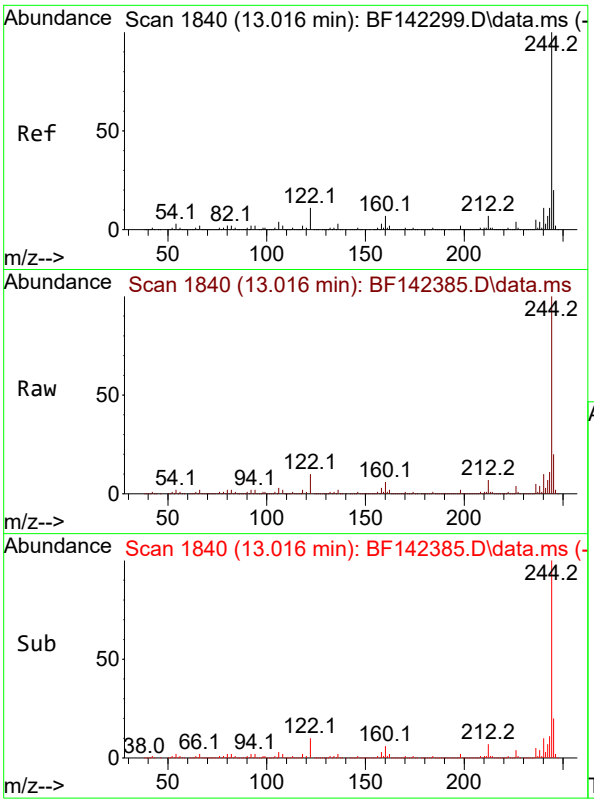


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:240 Resp: 497782

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	25.4	20.0	30.0



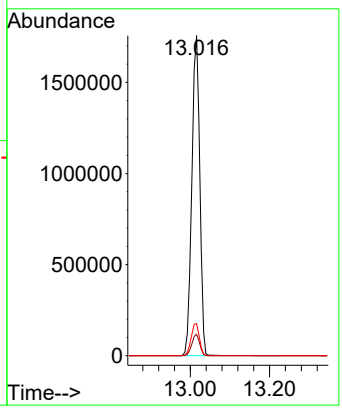


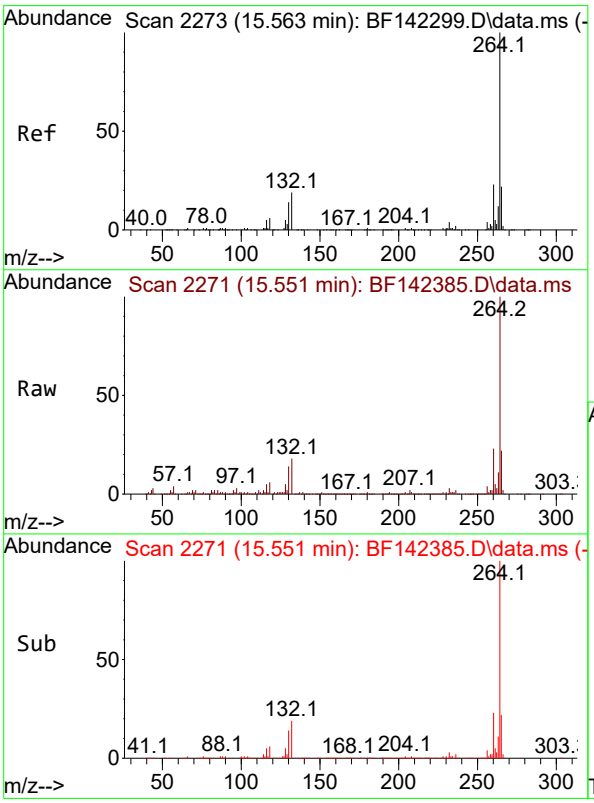
#79
Terphenyl-d14
Concen: 72.848 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Tgt Ion:244 Resp: 2449976

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.0	9.0	13.4

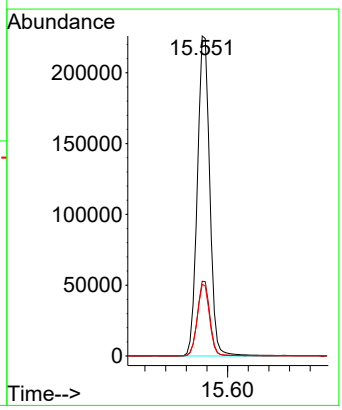




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:264 Resp: 375900

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.4	17.5	26.3



Sample Results: **BF142385.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	3	12	18	rBV	40875	70508	1.09%	0.183%
2	5.140	492	501	517	rBV	315249	528552	8.20%	1.374%
3	5.528	560	567	572	rBV	3209042	4690335	72.72%	12.196%
4	6.522	729	736	742	rBV	3037969	4768757	73.94%	12.400%
5	6.898	795	800	809	rVB	824336	1073304	16.64%	2.791%
6	7.304	863	869	878	rBV	76837	110048	1.71%	0.286%
7	7.463	889	896	901	rBV	2204553	3136740	48.64%	8.156%
8	8.181	1012	1018	1026	rBV	1087891	1456008	22.58%	3.786%
9	8.722	1099	1110	1121	rBV	89463	119509	1.85%	0.311%
10	9.257	1195	1201	1207	rVB	4240698	5838293	90.52%	15.181%
11	9.939	1311	1317	1321	rBV	1263764	1653635	25.64%	4.300%
12	10.034	1328	1333	1343	rBV	72282	128757	2.00%	0.335%
13	10.481	1404	1409	1413	rBV2	79545	104062	1.61%	0.271%
14	10.728	1444	1451	1456	rBV	2956335	3958111	61.37%	10.292%
15	11.422	1564	1569	1577	rBV	1389501	1825418	28.30%	4.747%
16	12.863	1810	1814	1819	rBV	58273	74112	1.15%	0.193%
17	13.016	1833	1840	1845	rBV	4620198	6449434	100.00%	16.770%
18	14.063	2012	2018	2030	rBV	1042819	1458002	22.61%	3.791%
19	15.551	2266	2271	2284	rVB	599276	1013551	15.72%	2.636%

Sum of corrected areas: 38457136

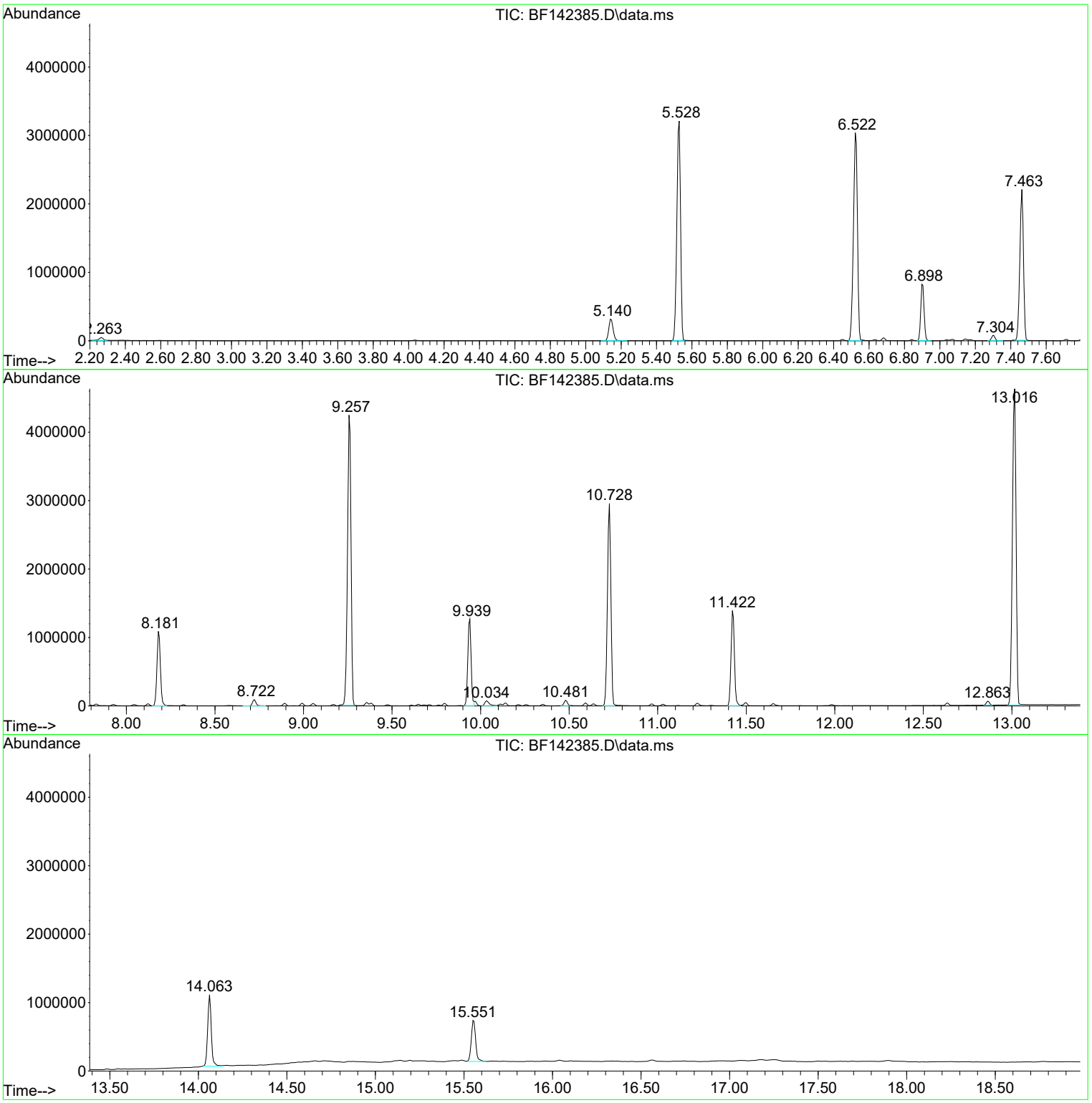
Sample Results: **BF142385.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF142385.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

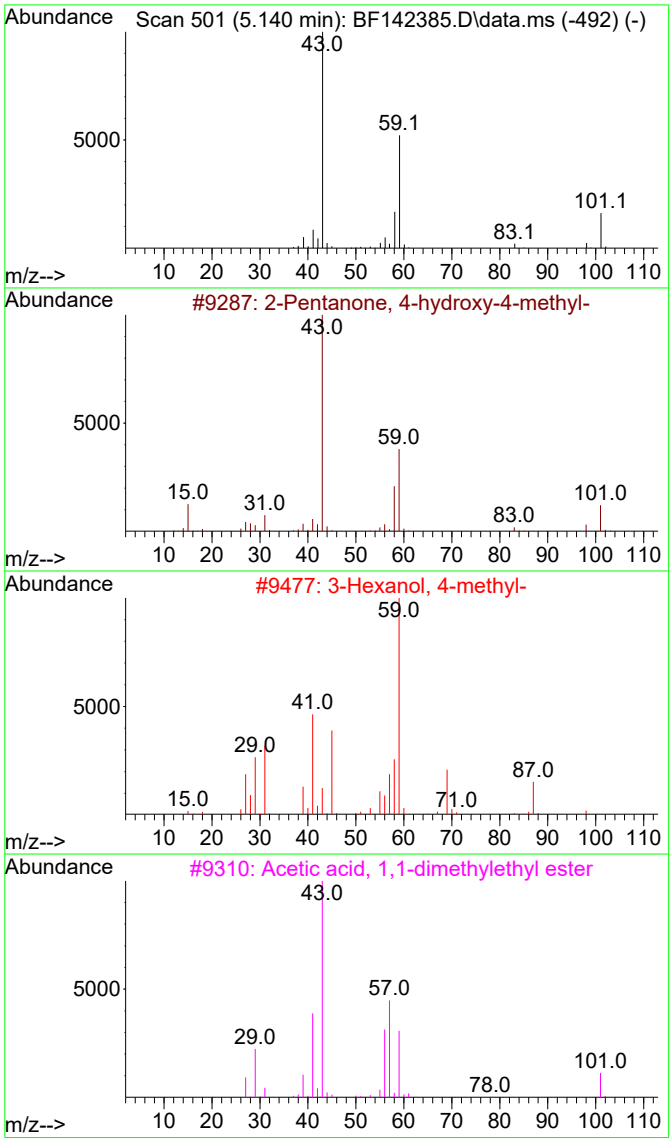
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

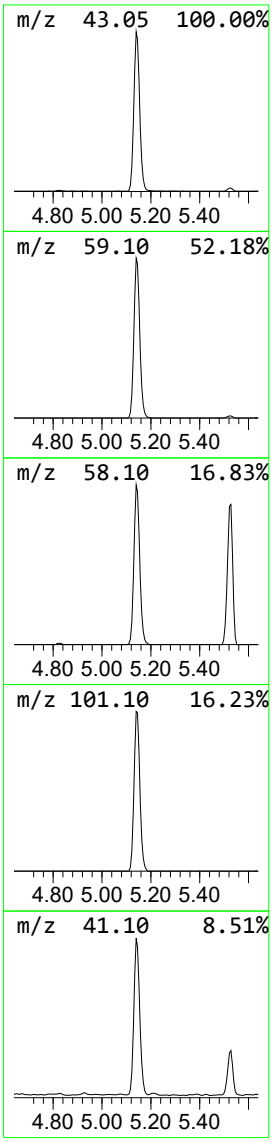
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.140	9.85 ng	528552	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

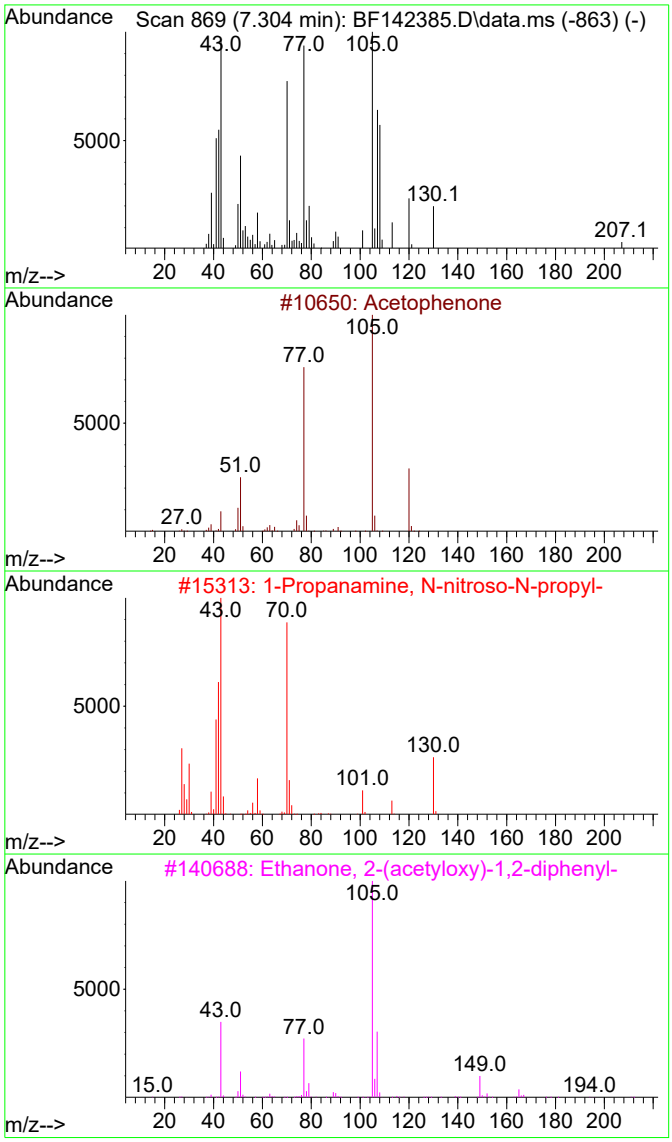
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

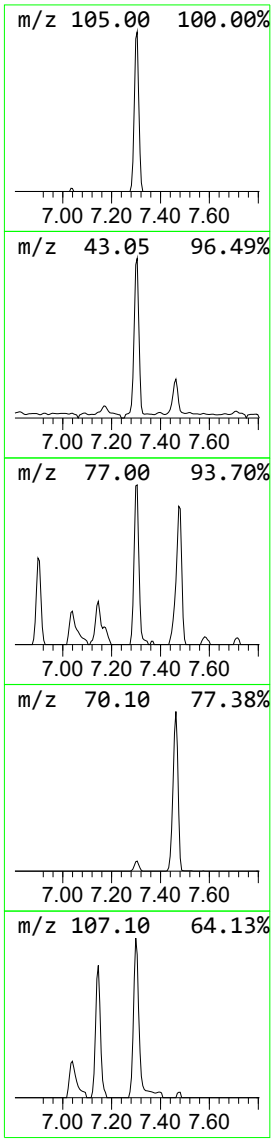
****

Peak Number 2 unknown7.304 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.304	2.05 ng	110048	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	42
2	1-Propanamine, N-nitroso-N-propyl-	130	C6H14N2O	000621-64-7	38
3	Ethanone, 2-(acetyloxy)-1,2-diph...	254	C16H14O3	000574-06-1	27
4	Phenol, 3-methyl-	108	C7H8O	000108-39-4	25
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	22





Sample Results: **BF142385.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.140	9.8	ng	528552	1	6.904	1073300	20.0
unknown7.304	7.304	2.0	ng	110048	1	6.904	1073300	20.0

Raw Data: **BF142386.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	
Client Sample ID:	PB167951BS	SDG No.:	Q1993
Lab Sample ID:	PB167951BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142386.D	1	05/12/25 08:40	05/15/25 11:06	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	39.2		3.90	10.0	ug/L
108-95-2	Phenol	44.5		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	34.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	44.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	43.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.8		1.30	5.00	ug/L
98-86-2	Acetophenone	41.2		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.9		0.76	5.00	ug/L
78-59-1	Isophorone	42.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	50.6		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.0		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.6		0.52	5.00	ug/L
91-20-3	Naphthalene	41.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	8.80		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.7		0.54	5.00	ug/L
105-60-2	Caprolactam	51.4		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	47.5		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	90.2	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	47.6		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.2		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.1		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.2		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	50.4		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.5		0.61	5.00	ug/L

Raw Data: **BF142386.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	
Client Sample ID:	PB167951BS	SDG No.:	Q1993
Lab Sample ID:	PB167951BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142386.D	1	05/12/25 08:40	05/15/25 11:06	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	42.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	53.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	26.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	41.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	57.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.2		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.6		0.68	5.00	ug/L
86-73-7	Fluorene	41.7		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	58.5		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.9		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.1		0.52	5.00	ug/L
1912-24-9	Atrazine	49.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	42.0		0.50	5.00	ug/L
120-12-7	Anthracene	41.4		0.61	5.00	ug/L
86-74-8	Carbazole	42.1		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	45.7		1.20	5.00	ug/L
206-44-0	Fluoranthene	41.5		0.82	5.00	ug/L
129-00-0	Pyrene	46.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	48.2		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	38.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.7		0.45	5.00	ug/L
218-01-9	Chrysene	43.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.2		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	43.2		0.49	5.00	ug/L

Raw Data: **BF142386.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	
Client Sample ID:	PB167951BS	SDG No.:	Q1993
Lab Sample ID:	PB167951BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142386.D	1	05/12/25 08:40	05/15/25 11:06	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	43.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	46.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.4		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		10 - 139	80%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 134	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.6		49 - 133	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.6		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	79.3		48 - 125	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	184000	6.904			
1146-65-2	Naphthalene-d8	709000	8.187			
15067-26-2	Acenaphthene-d10	390000	9.939			
1517-22-2	Phenanthrene-d10	684000	11.428			
1719-03-5	Chrysene-d12	359000	14.069			
1520-96-3	Perylene-d12	373000	15.557			

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\BF051525\
Data File : BF142386.D
Acq On : 15 May 2025 11:06
Operator : RC/JU
Sample : PB167951BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Quant Time: May 15 12:17:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	183759	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	709461	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	390383	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	683655	20.000	ng	0.00
76) Chrysene-d12	14.069	240	358537	20.000	ng	0.00
86) Perylene-d12	15.557	264	373046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1284437	119.321	ng	0.02
7) Phenol-d6	6.528	99	1553880	117.366	ng	0.00
23) Nitrobenzene-d5	7.469	82	948826	81.564	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	536451	142.330	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1960008	71.589	ng	0.00
79) Terphenyl-d14	13.016	244	1921973	79.343	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	154852	31.945	ng	98
3) Pyridine	3.534	79	419284	36.841	ng	99
4) n-Nitrosodimethylamine	3.487	42	256246	38.740	ng	99
6) Aniline	6.569	93	561568	43.244	ng	98
8) 2-Chlorophenol	6.687	128	512971	44.594	ng	98
9) Benzaldehyde	6.451	77	303883	39.217	ng	100
10) Phenol	6.545	94	624910	44.528	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	480788	34.740	ng	99
12) 1,3-Dichlorobenzene	6.845	146	534851	40.642	ng	98
13) 1,4-Dichlorobenzene	6.922	146	537927	40.711	ng	99
14) 1,2-Dichlorobenzene	7.075	146	523399	41.268	ng	99
15) Benzyl Alcohol	7.040	79	411059	47.948	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	801766	38.795	ng	99
17) 2-Methylphenol	7.151	107	400813	43.038	ng	99
18) Hexachloroethane	7.416	117	185824	42.268	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	337716	41.238	ng	99
20) 3+4-Methylphenols	7.304	107	497423	42.797	ng	92
22) Acetophenone	7.310	105	649406	41.168	ng	94
24) Nitrobenzene	7.487	77	492634	44.925	ng	97
25) Isophorone	7.722	82	924519	41.969	ng	100
26) 2-Nitrophenol	7.798	139	268958	50.641	ng	99
27) 2,4-Dimethylphenol	7.834	122	491276	44.357	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	581272	41.036	ng	100
29) 2,4-Dichlorophenol	8.040	162	438536	46.573	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	456485	43.077	ng	99
31) Naphthalene	8.210	128	1435630	41.752	ng	100
32) Benzoic acid	7.957	122	327035	53.296	ng	99
33) 4-Chloroaniline	8.257	127	122812m	8.753	ng	
34) Hexachlorobutadiene	8.322	225	273992	43.664	ng	99
35) Caprolactam	8.622	113	141106m	51.419	ng	
36) 4-Chloro-3-methylphenol	8.734	107	464569	47.463	ng	99
37) 2-Methylnaphthalene	8.898	142	901910	42.213	ng	99
38) 1-Methylnaphthalene	8.998	142	935769	42.021	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	451848	41.442	ng	99
41) Hexachlorocyclopentadiene	9.051	237	607941	90.221	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	327505	47.621	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142386.D
Acq On : 15 May 2025 11:06
Operator : RC/JU
Sample : PB167951BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Quant Time: May 15 12:17:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

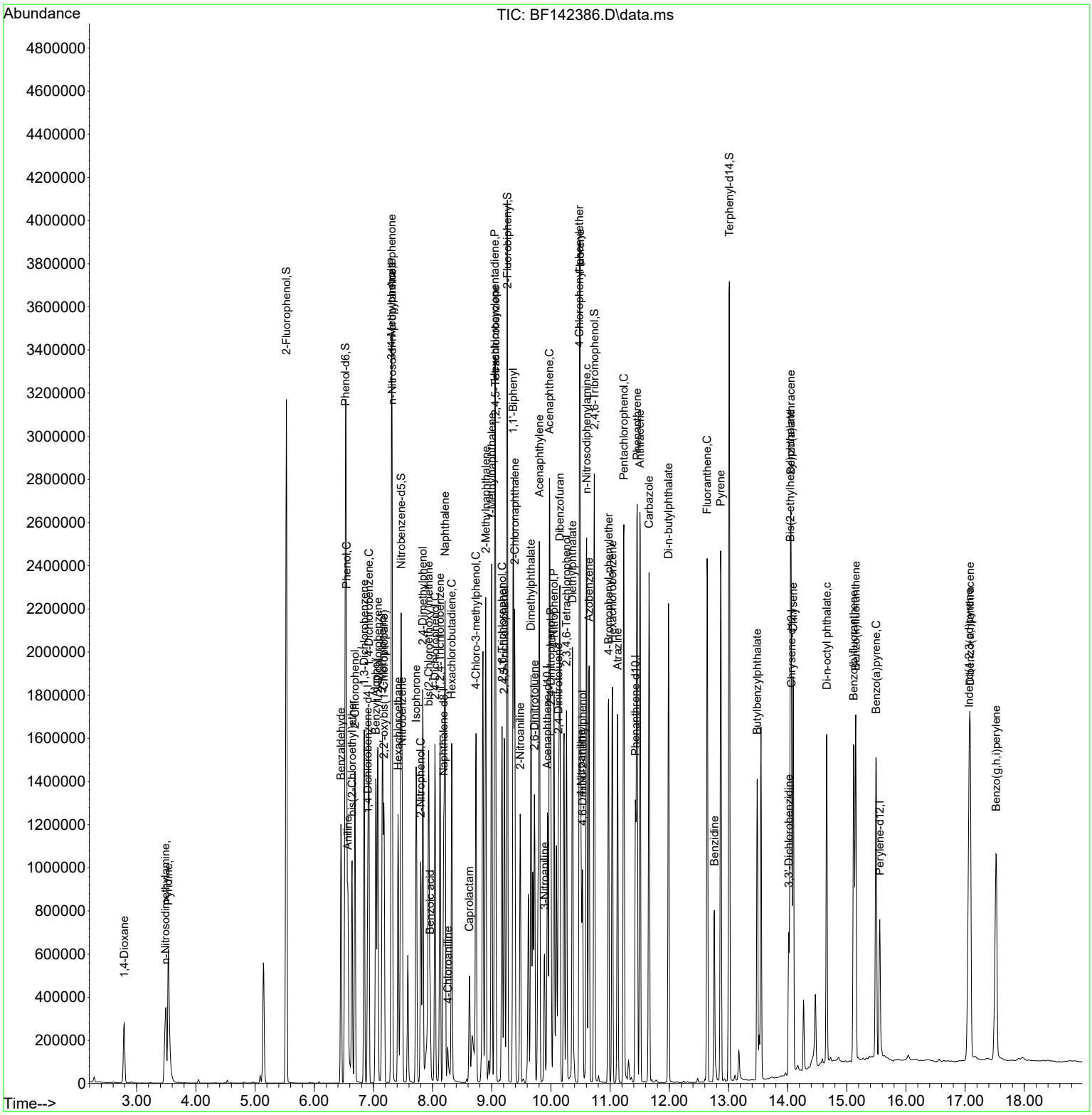
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	345379	47.199	ng		99
46) 1,1'-Biphenyl	9.363	154	1229160	41.065	ng		99
47) 2-Chloronaphthalene	9.386	162	916262	41.162	ng		100
48) 2-Nitroaniline	9.481	65	287593	50.405	ng		95
49) Acenaphthylene	9.804	152	1563555	41.988	ng		99
50) Dimethylphthalate	9.663	163	1114509	44.460	ng		100
51) 2,6-Dinitrotoluene	9.722	165	251258	53.548	ng		91
52) Acenaphthene	9.975	154	1053599	47.056	ng		99
53) 3-Nitroaniline	9.892	138	148171	26.925	ng		94
54) 2,4-Dinitrophenol	9.998	184	299083	117.829	ng	#	1
55) Dibenzofuran	10.151	168	1371115	41.493	ng		100
56) 4-Nitrophenol	10.051	139	464288	112.100	ng		97
57) 2,4-Dinitrotoluene	10.128	165	347454	57.728	ng		95
58) Fluorene	10.492	166	1051263	41.687	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	305641	50.597	ng		97
60) Diethylphthalate	10.363	149	1107155	44.226	ng		100
61) 4-Chlorophenyl-phenyle...	10.481	204	518059	42.581	ng		99
62) 4-Nitroaniline	10.510	138	255090	58.486	ng		99
63) Azobenzene	10.645	77	986822	41.252	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	182627	55.913	ng		98
66) n-Nitrosodiphenylamine	10.604	169	955633	42.007	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	337616	43.574	ng		96
68) Hexachlorobenzene	11.039	284	375531	44.062	ng		95
69) Atrazine	11.128	200	293766	48.987	ng		99
70) Pentachlorophenol	11.233	266	471856	105.241	ng		97
71) Phenanthrene	11.457	178	1503753	41.963	ng		100
72) Anthracene	11.504	178	1524726	41.409	ng		100
73) Carbazole	11.657	167	1390787	42.101	ng		100
74) Di-n-butylphthalate	11.986	149	1588510	45.730	ng		100
75) Fluoranthene	12.639	202	1487674	41.530	ng		100
77) Benzidine	12.763	184	473065	72.605	ng		97
78) Pyrene	12.869	202	1474683	46.209	ng		100
80) Butylbenzylphthalate	13.486	149	449443	48.238	ng		100
81) Benzo(a)anthracene	14.057	228	1014145	43.677	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	206951	38.327	ng		99
83) Chrysene	14.092	228	939233	43.452	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	581894	47.979	ng		100
85) Di-n-octyl phthalate	14.663	149	1080903	49.196	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1184117	45.630	ng		98
88) Benzo(b)fluoranthene	15.116	252	975513	43.176	ng		100
89) Benzo(k)fluoranthene	15.151	252	902489	43.649	ng		100
90) Benzo(a)pyrene	15.498	252	932498	46.057	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	974032	45.433	ng		98
92) Benzo(g,h,i)perylene	17.527	276	943811	44.356	ng		97

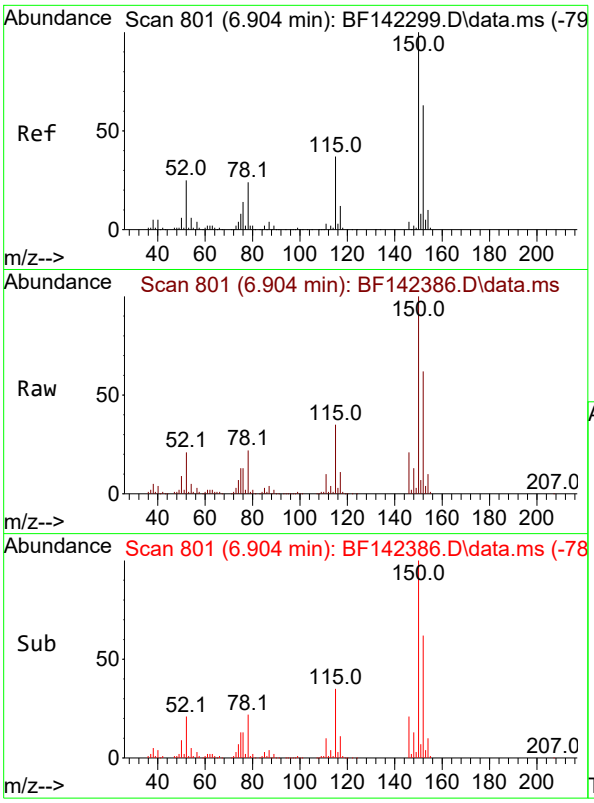
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142386.D
Acq On : 15 May 2025 11:06
Operator : RC/JU
Sample : PB167951BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Quant Time: May 15 12:17:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



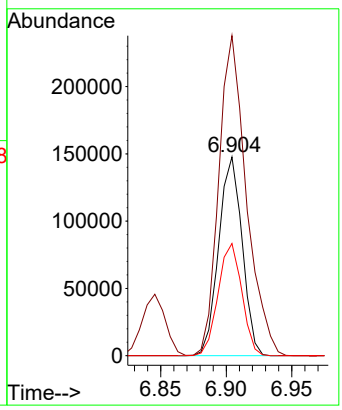


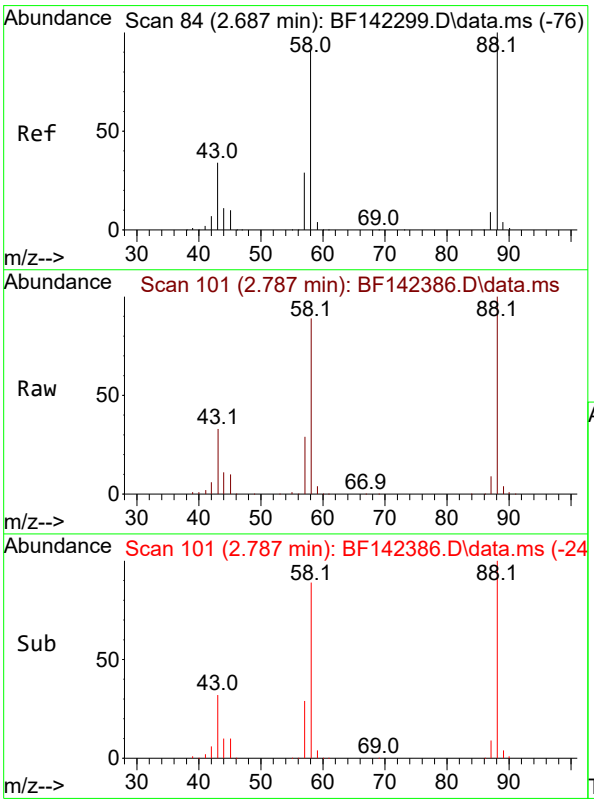
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:152 Resp: 183759

Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	190.0
115	56.4	47.3	70.9

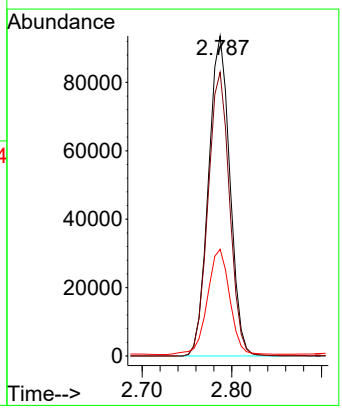


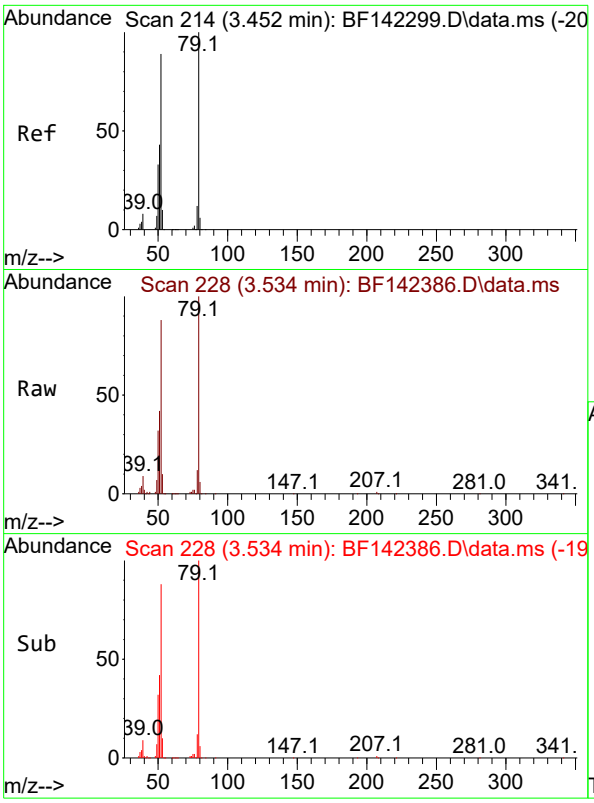


#2
1,4-Dioxane
Concen: 31.945 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.100 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 88 Resp: 154852

Ion	Ratio	Lower	Upper
88	100		
58	88.9	73.0	109.4
43	34.5	27.8	41.6



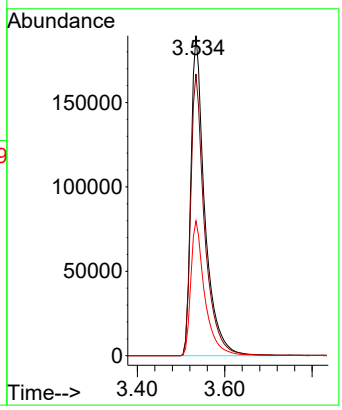


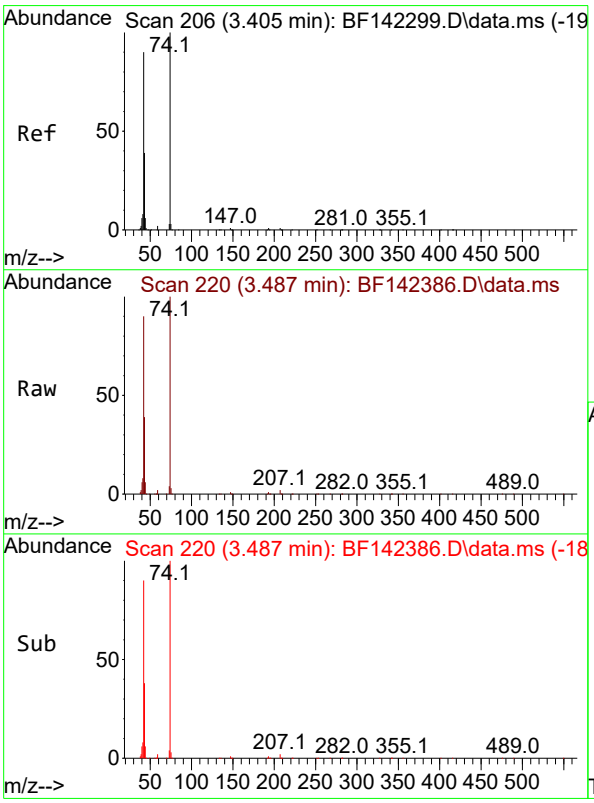
#3
Pyridine
Concen: 36.841 ng
RT: 3.534 min Scan# 2
Delta R.T. 0.082 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 79 Resp: 419284

Ion	Ratio	Lower	Upper
79	100		
52	88.0	71.0	106.4
51	42.1	34.9	52.3

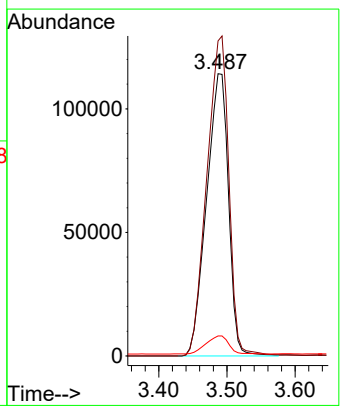


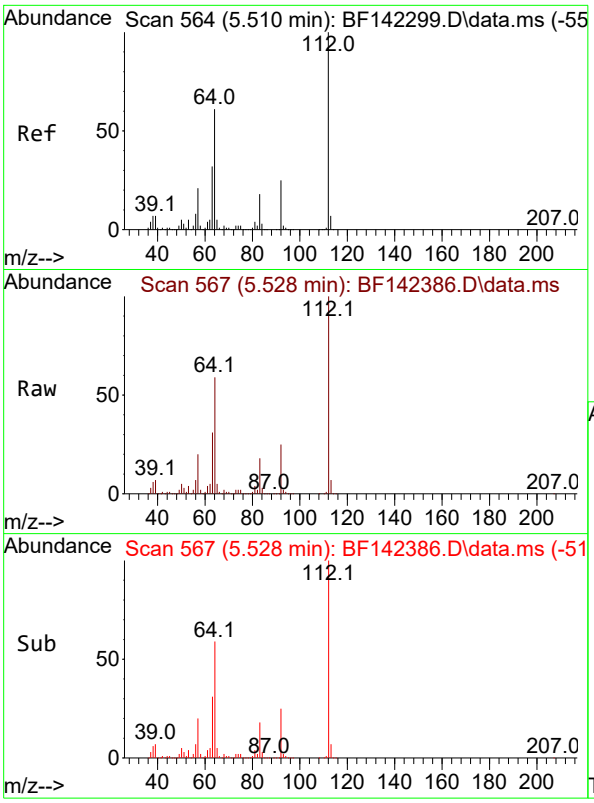


#4
n-Nitrosodimethylamine
Concen: 38.740 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.082 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 42 Resp: 256246

Ion	Ratio	Lower	Upper
42	100		
74	111.6	88.5	132.7
44	7.1	5.8	8.8



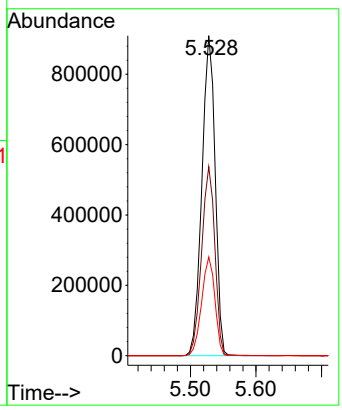


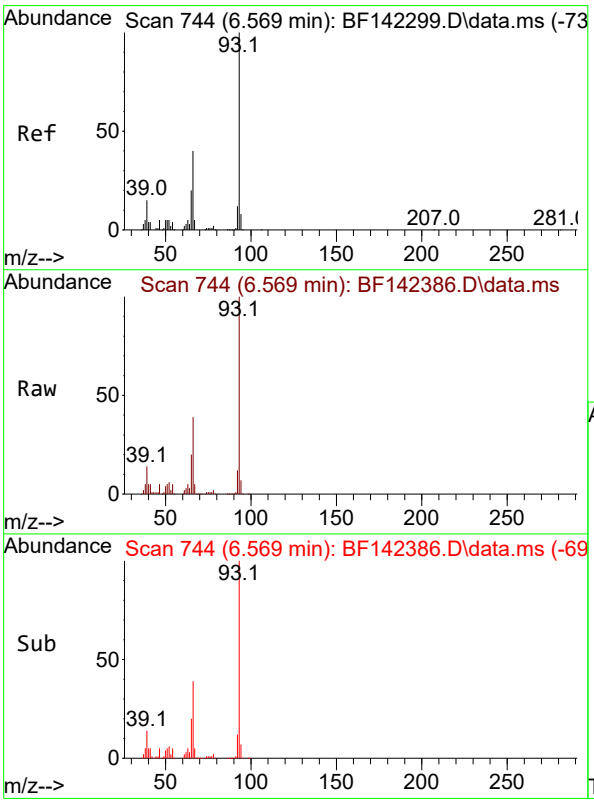
#5
2-Fluorophenol
Concen: 119.321 ng
RT: 5.528 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:112 Resp: 1284437

Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.9	73.3
63	30.8	25.6	38.4

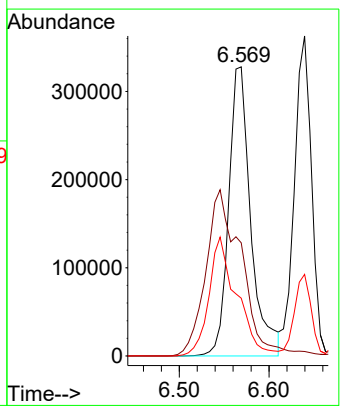




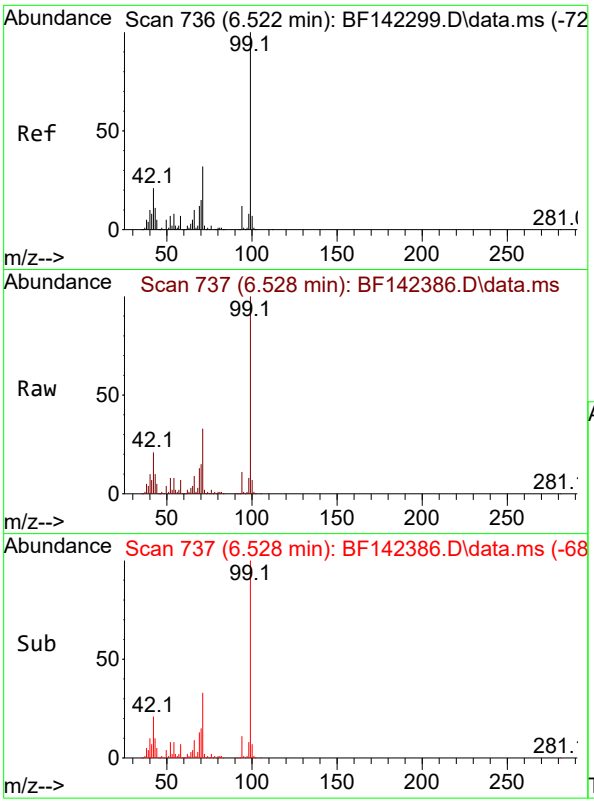
#6
Aniline
Concen: 43.244 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 93 Resp: 561568

Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.2	48.4
65	20.0	16.3	24.5



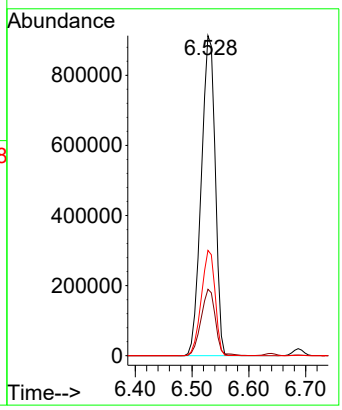
Instrument :
BNA_F
ClientSampleId :
PB167951BS

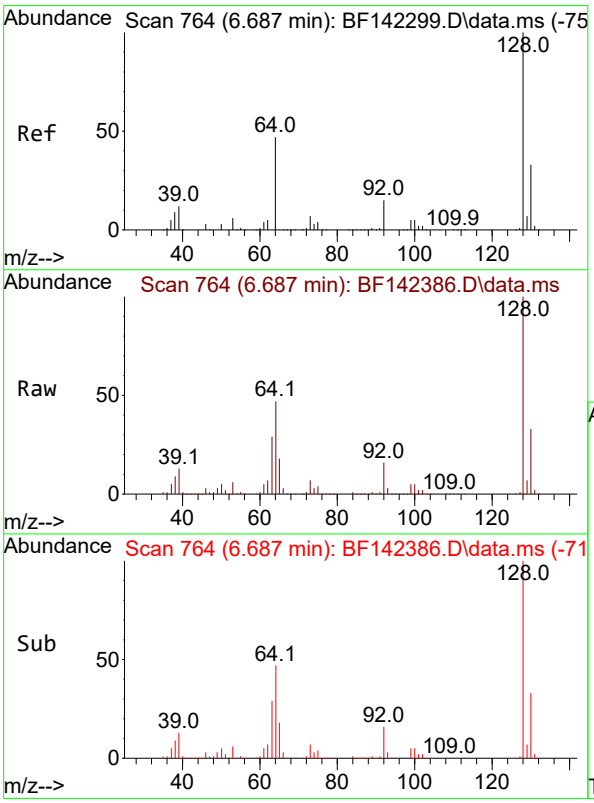


#7
Phenol-d6
Concen: 117.366 ng
RT: 6.528 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 99 Resp: 1553880

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.4
71	32.9	25.8	38.8

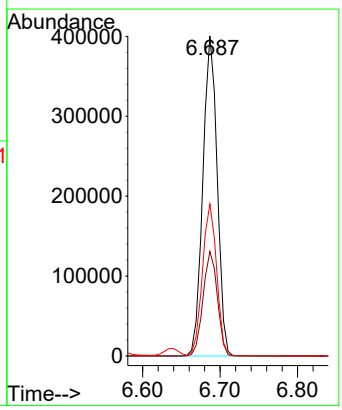


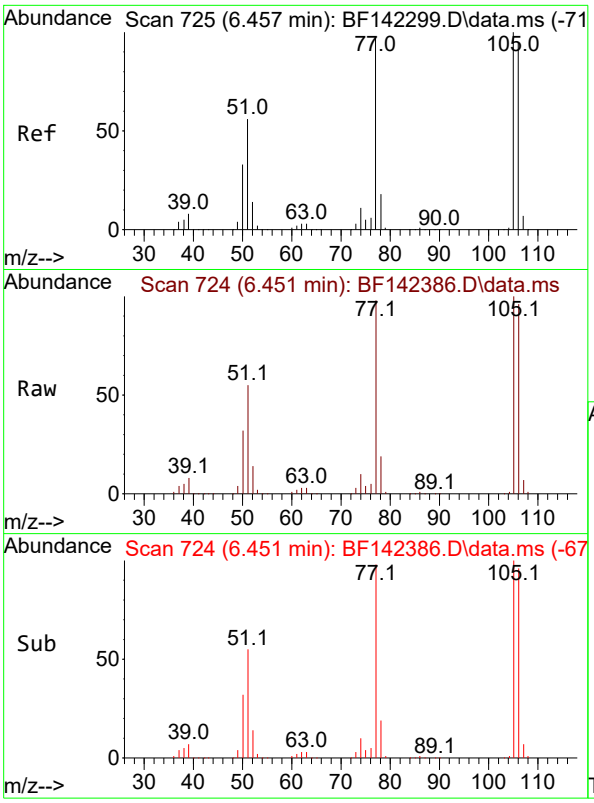


#8
2-Chlorophenol
Concen: 44.594 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:128 Resp: 512971

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	47.5	29.2	69.2



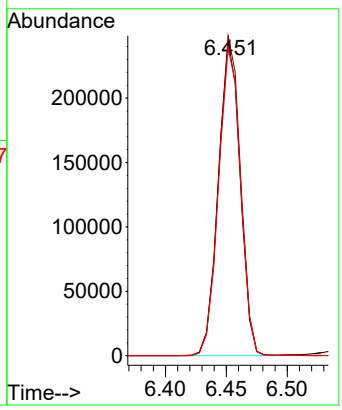


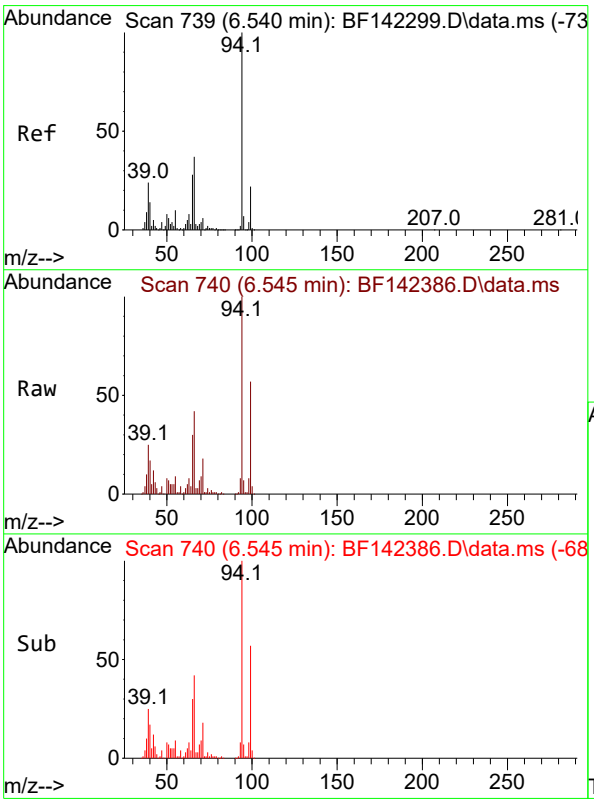
#9
Benzaldehyde
Concen: 39.217 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 77 Resp: 303883

Ion	Ratio	Lower	Upper
77	100		
105	101.7	82.0	122.0
106	97.9	77.2	117.2

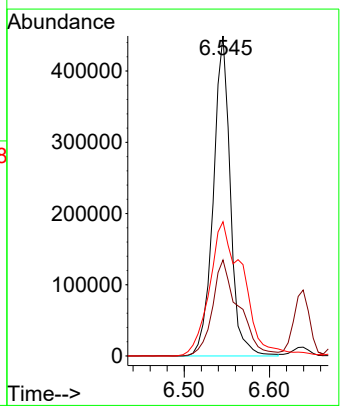


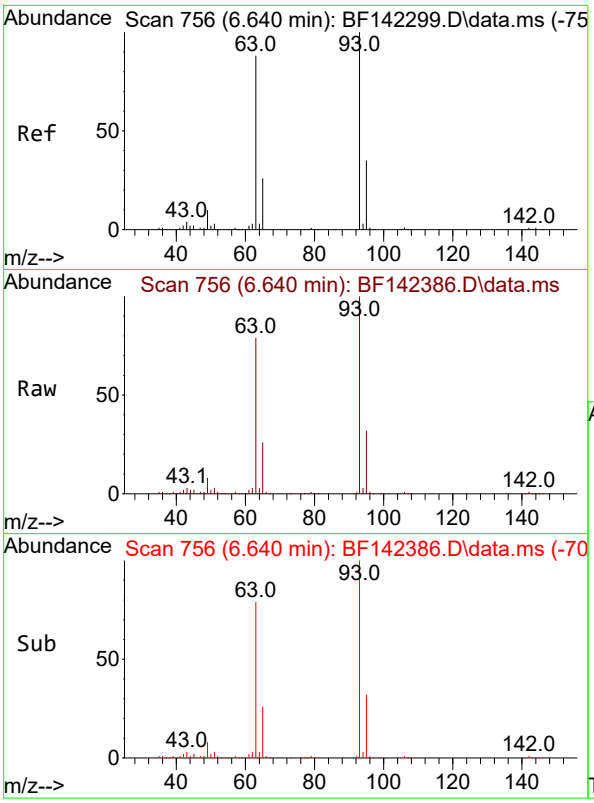


#10
Phenol
Concen: 44.528 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 94 Resp: 624910

Ion	Ratio	Lower	Upper
94	100		
65	30.0	8.5	48.5
66	42.0	17.3	57.3



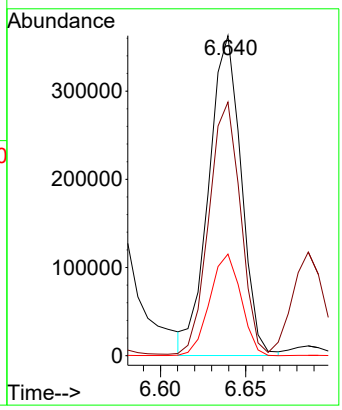


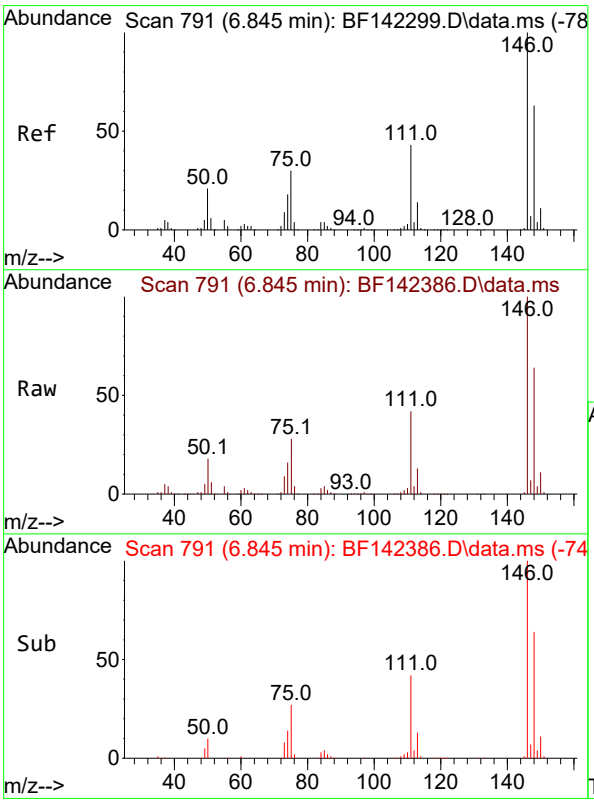
#11
bis(2-Chloroethyl)ether
Concen: 34.740 ng
RT: 6.640 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 93 Resp: 480788

Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.4	98.4
95	31.8	10.6	50.6

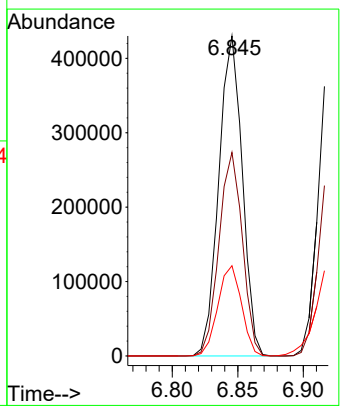


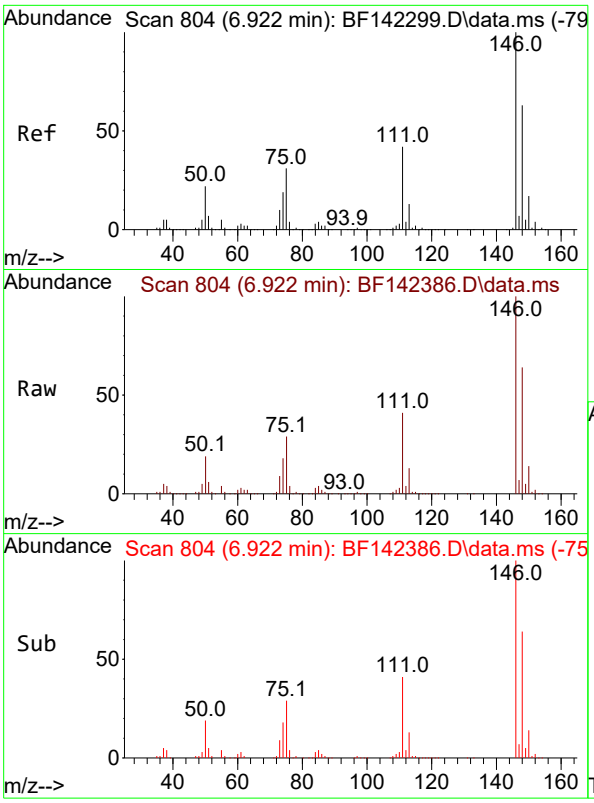


#12
1,3-Dichlorobenzene
Concen: 40.642 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:146 Resp: 534851

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
75	28.2	24.2	36.4



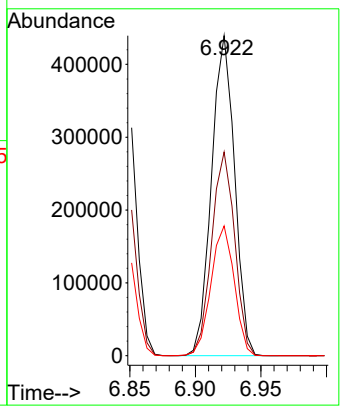


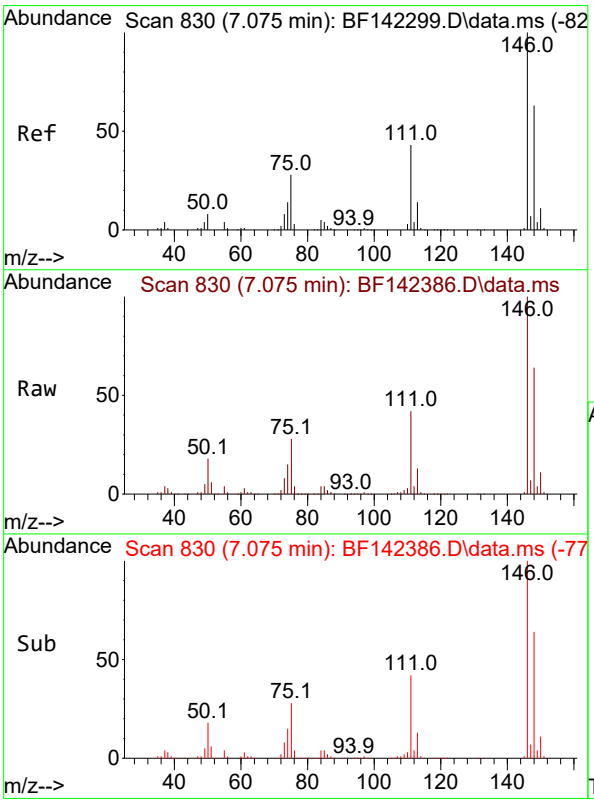
#13
1,4-Dichlorobenzene
Concen: 40.711 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:146 Resp: 537927

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
111	40.5	33.4	50.2

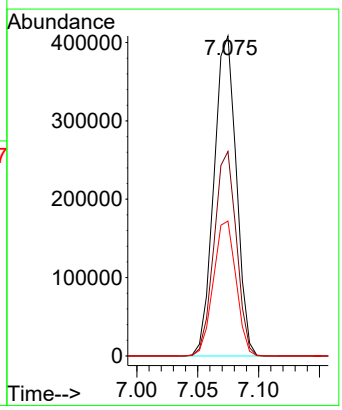


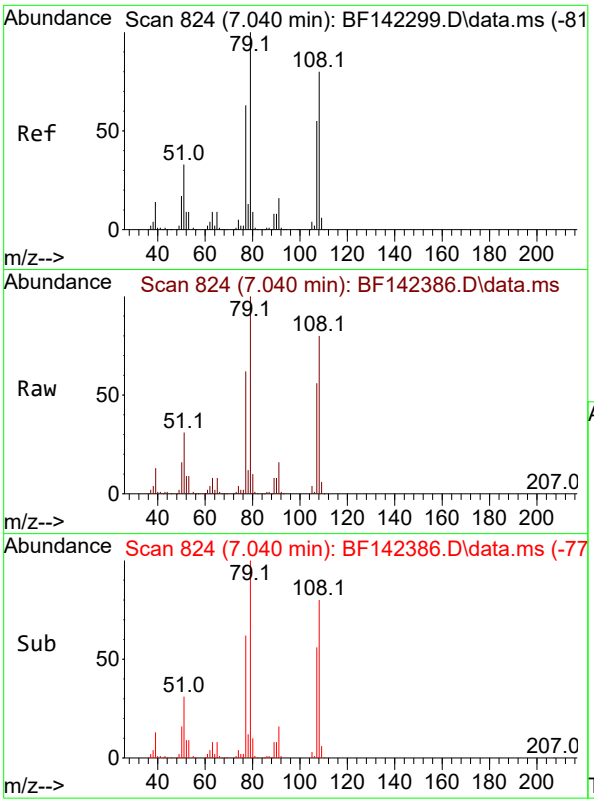


#14
1,2-Dichlorobenzene
Concen: 41.268 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:146 Resp: 523399

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	42.2	34.5	51.7



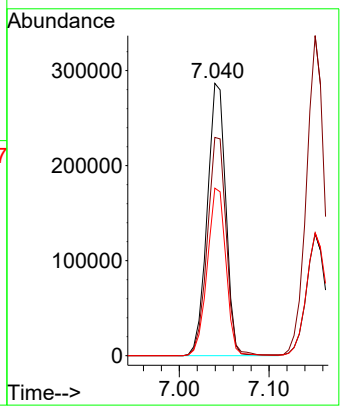


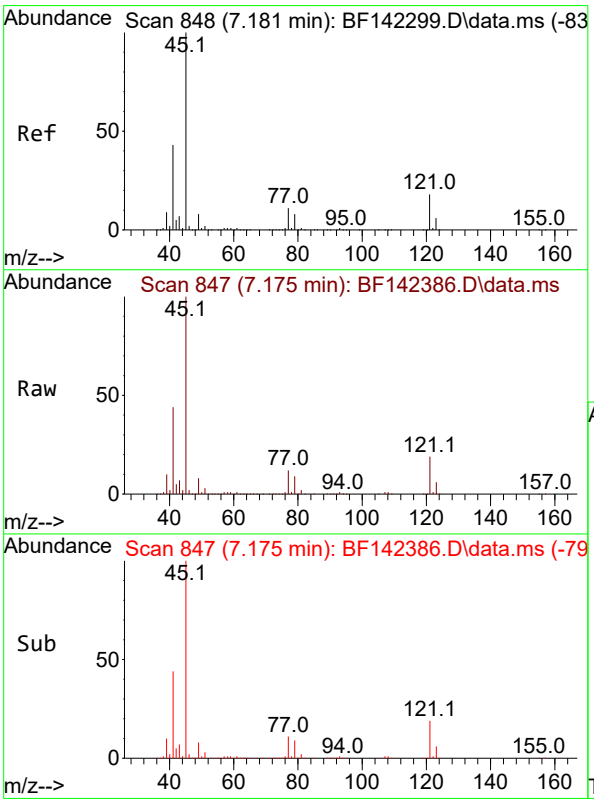
#15
Benzyl Alcohol
Concen: 47.948 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 79 Resp: 411059

Ion	Ratio	Lower	Upper
79	100		
108	80.1	63.9	95.9
77	61.5	50.7	76.1

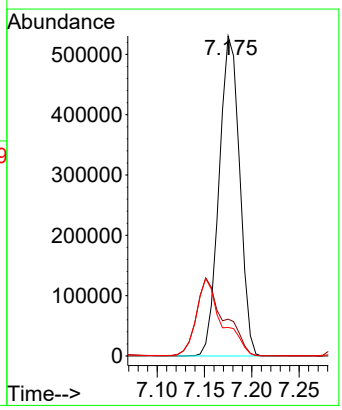


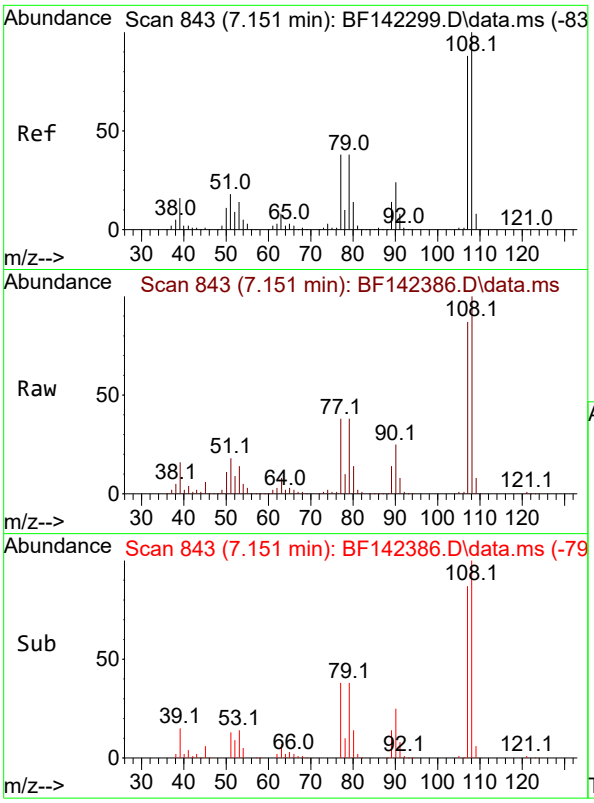


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.795 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 45 Resp: 801766

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.2
79	8.9	0.0	28.5



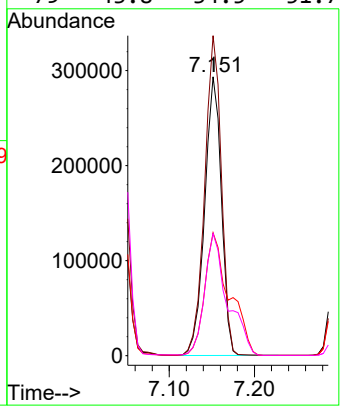


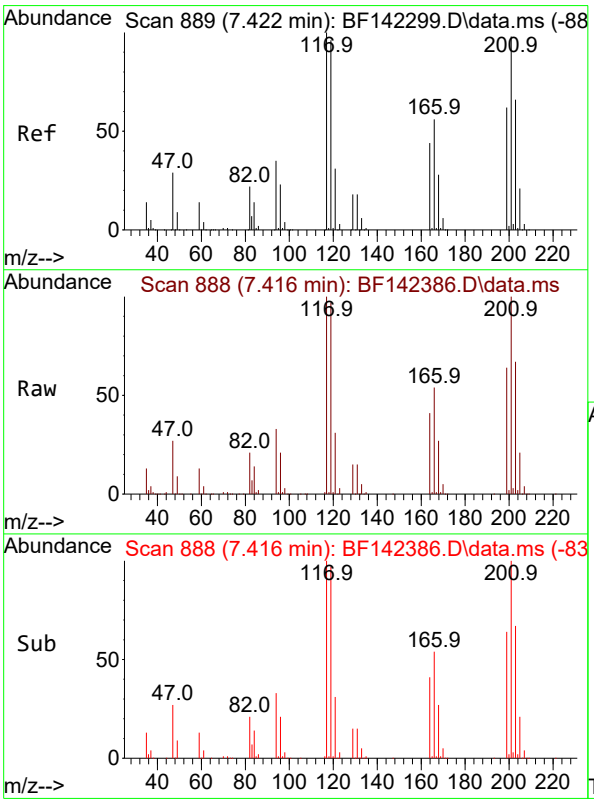
#17
2-Methylphenol
Concen: 43.038 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:107 Resp: 400813

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.1	136.7
77	44.1	34.7	52.1
79	43.8	34.5	51.7

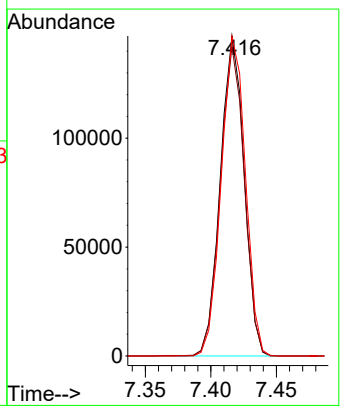


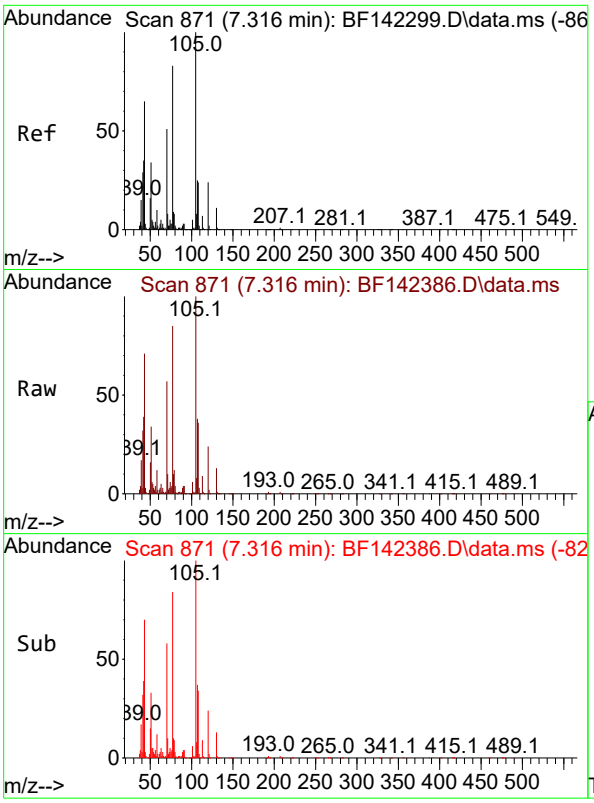


#18
Hexachloroethane
Concen: 42.268 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:117 Resp: 185824

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3
201	99.8	78.0	117.0



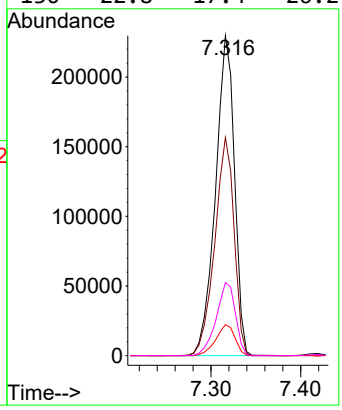


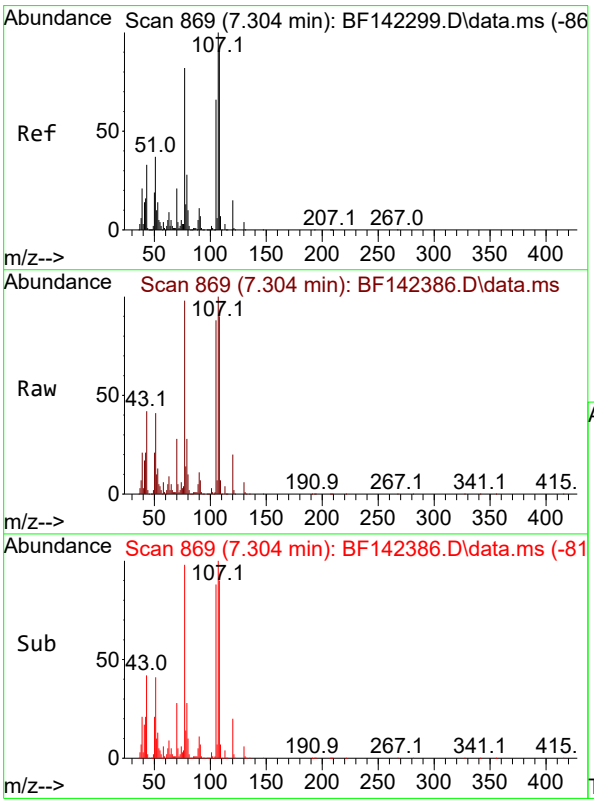
#19
n-Nitroso-di-n-propylamine
Concen: 41.238 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 70 Resp: 337716

Ion	Ratio	Lower	Upper
70	100		
42	68.2	54.8	82.2
101	9.7	7.7	11.5
130	22.8	17.4	26.2

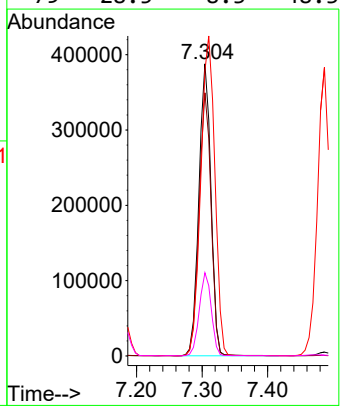


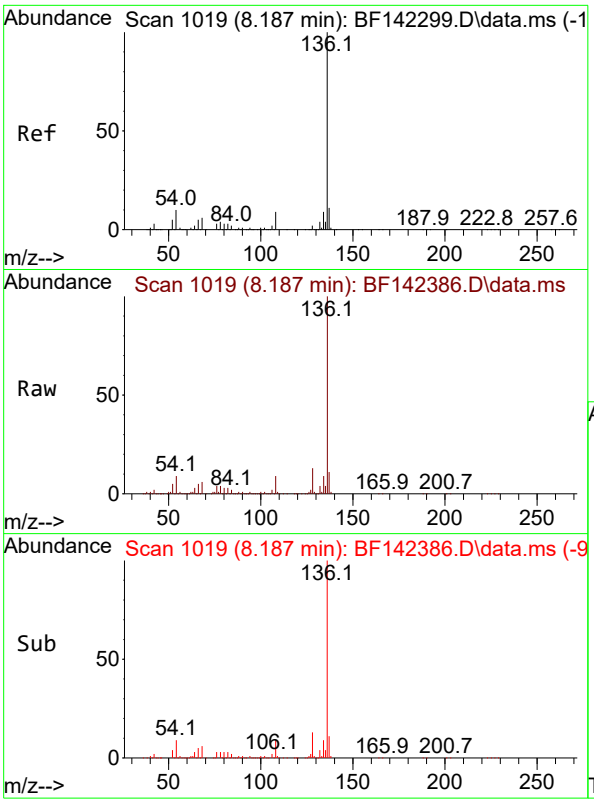


#20
3+4-Methylphenols
Concen: 42.797 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:107 Resp: 497423

Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.5	111.5
77	97.6	61.6	101.6
79	28.5	8.3	48.3



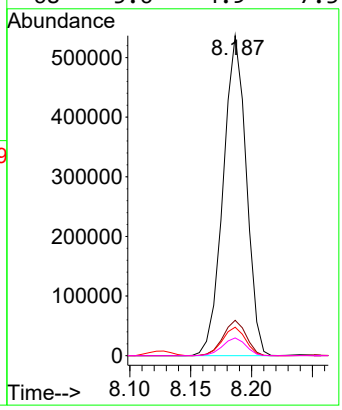


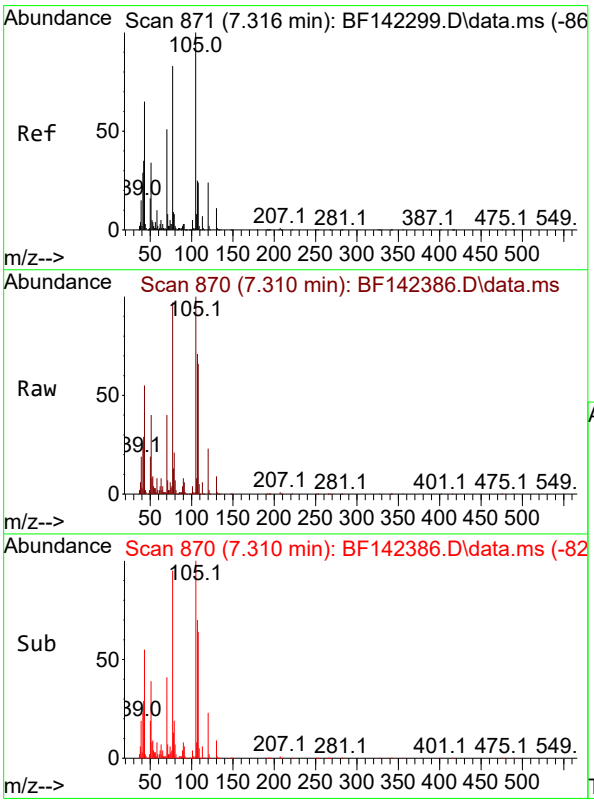
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:136 Resp: 709461

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	7.7	11.5
68	5.6	4.9	7.3

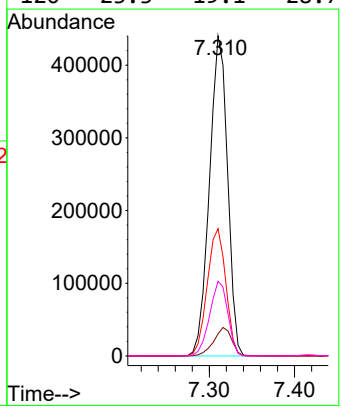


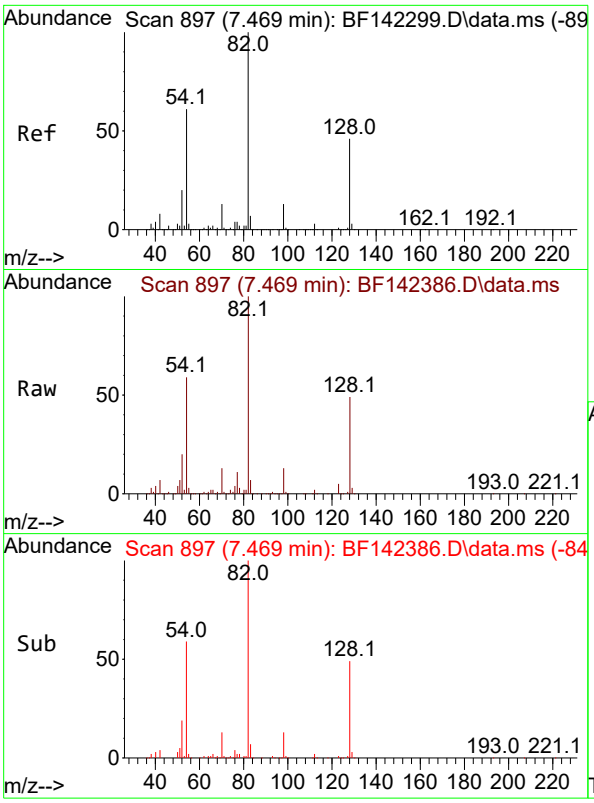


#22
Acetophenone
Concen: 41.168 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:105 Resp: 649406

Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.7	10.1
51	39.8	27.6	41.4
120	23.3	19.1	28.7



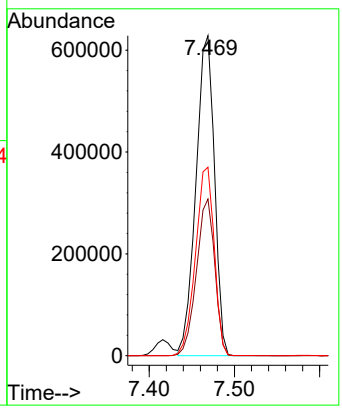


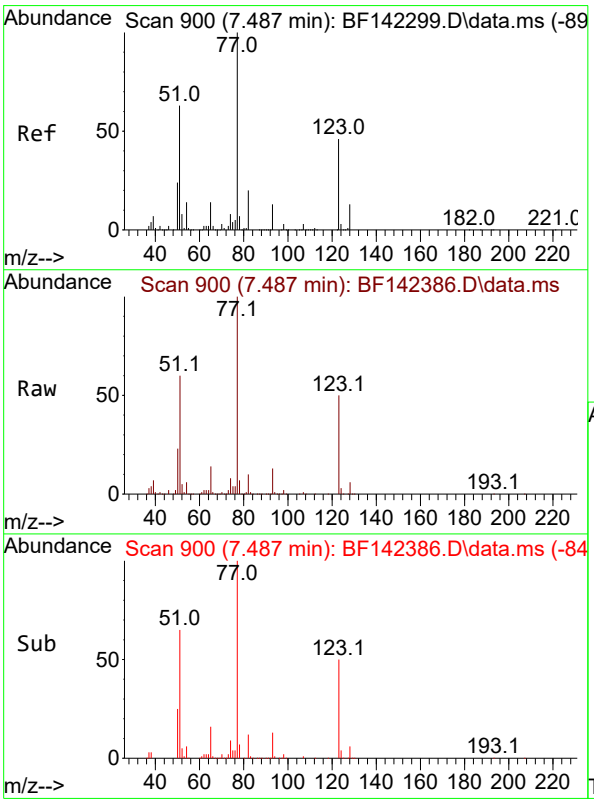
#23
Nitrobenzene-d5
Concen: 81.564 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 82 Resp: 948826

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.0	55.6
54	58.9	48.6	73.0

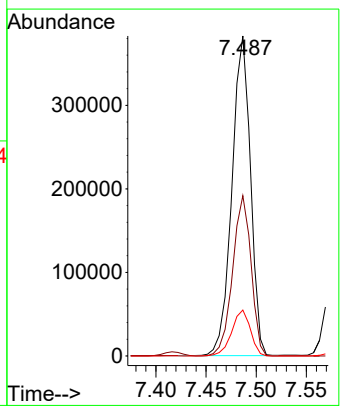


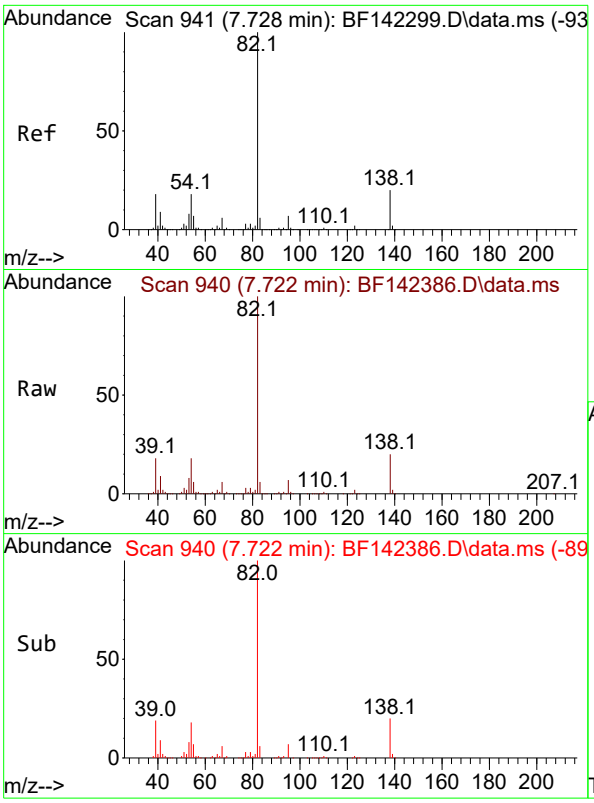


#24
Nitrobenzene
Concen: 44.925 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 77 Resp: 492634

Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.8	56.8
65	14.4	11.4	17.0



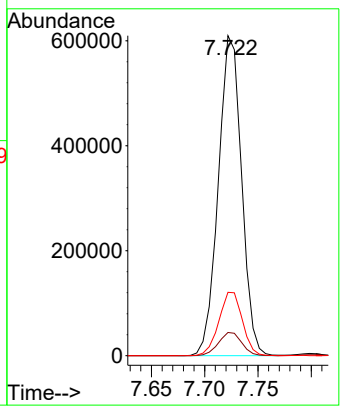


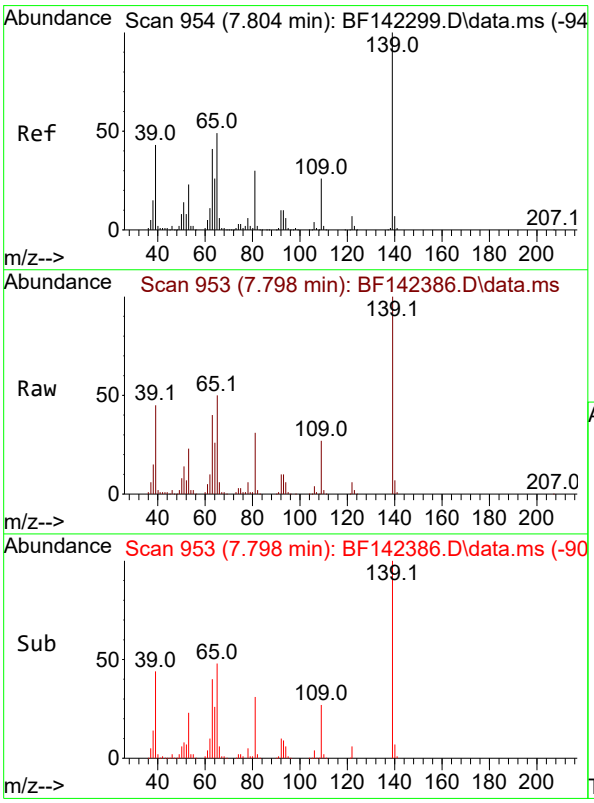
#25
Isophorone
Concen: 41.969 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 82 Resp: 924519

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	19.8	16.1	24.1

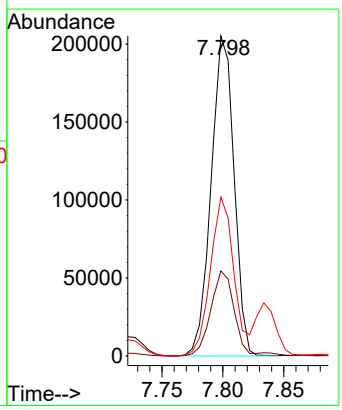


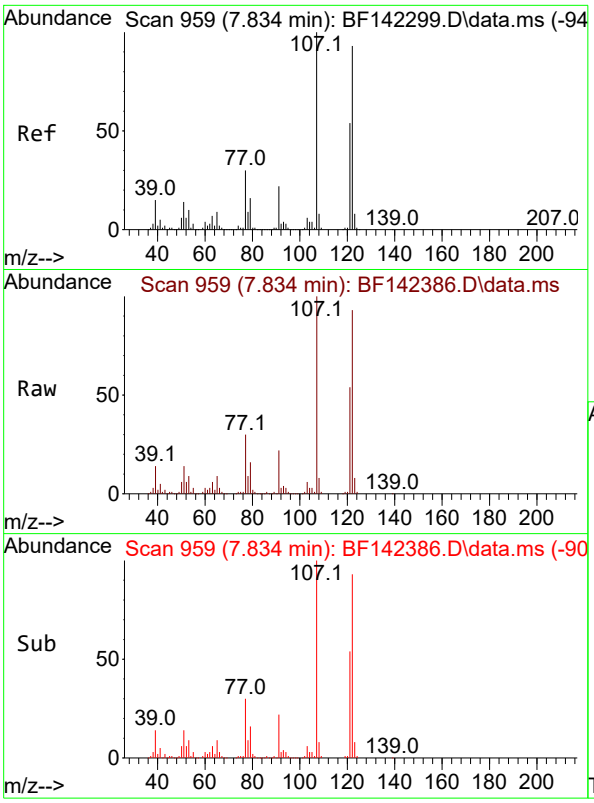


#26
2-Nitrophenol
Concen: 50.641 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:139 Resp: 268958

Ion	Ratio	Lower	Upper
139	100		
109	26.6	20.8	31.2
65	49.6	38.9	58.3



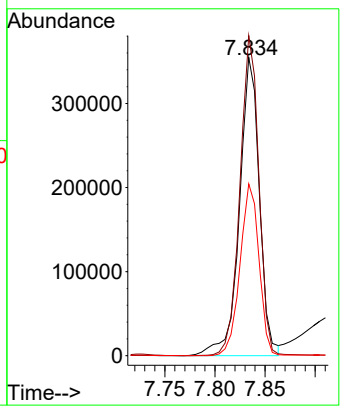


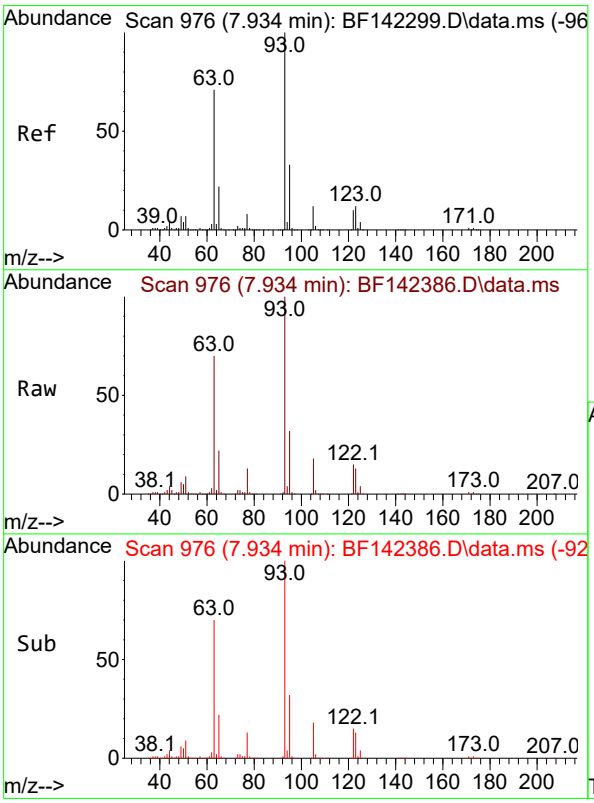
#27
2,4-Dimethylphenol
Concen: 44.357 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:122 Resp: 491276

Ion	Ratio	Lower	Upper
122	100		
107	107.3	86.0	129.0
121	57.7	46.2	69.4

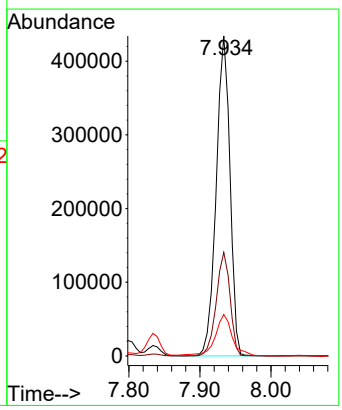


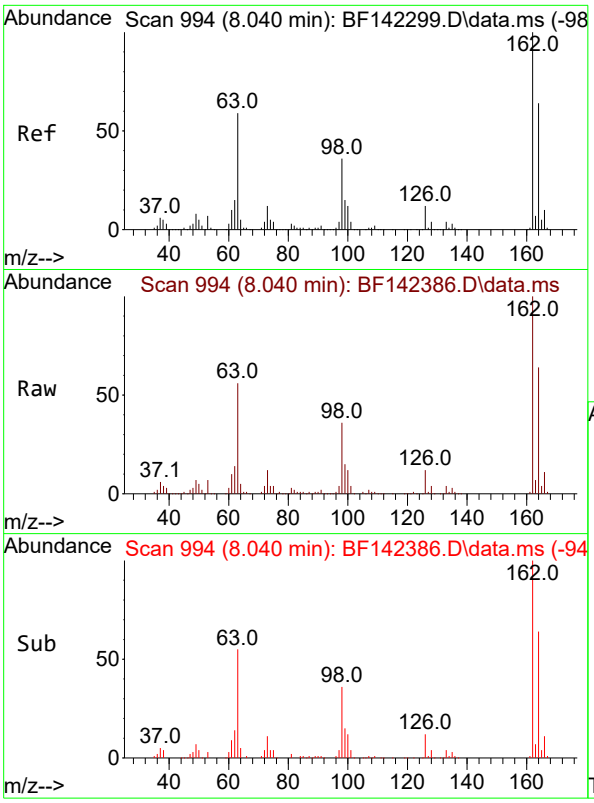


#28
bis(2-Chloroethoxy)methane
Concen: 41.036 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 93 Resp: 581272

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.1	39.1
123	12.9	10.2	15.4



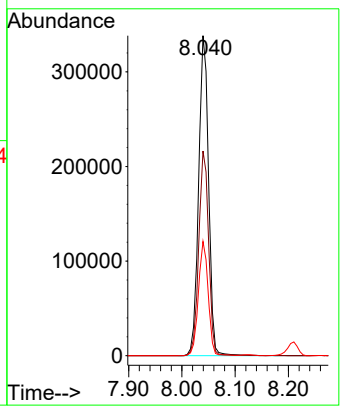


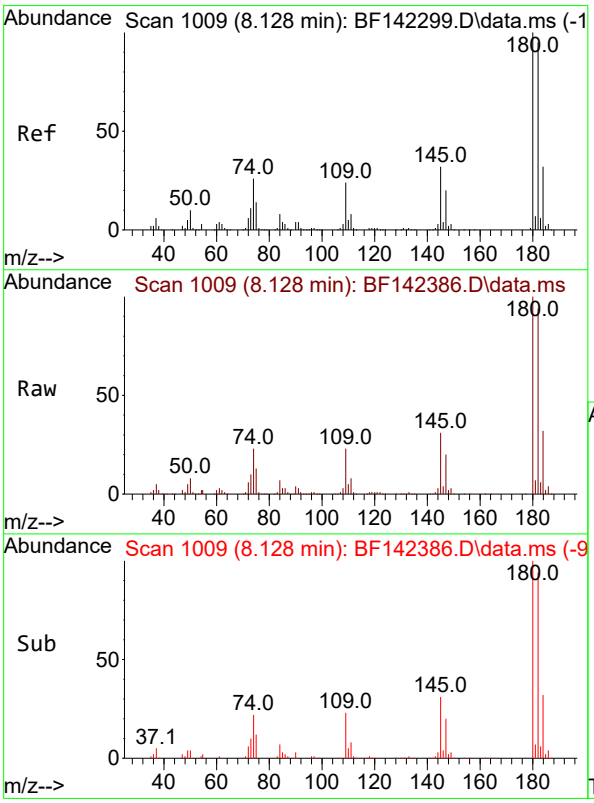
#29
2,4-Dichlorophenol
Concen: 46.573 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:162 Resp: 438536

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	35.7	16.5	56.5

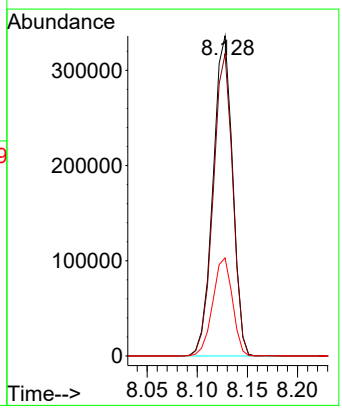


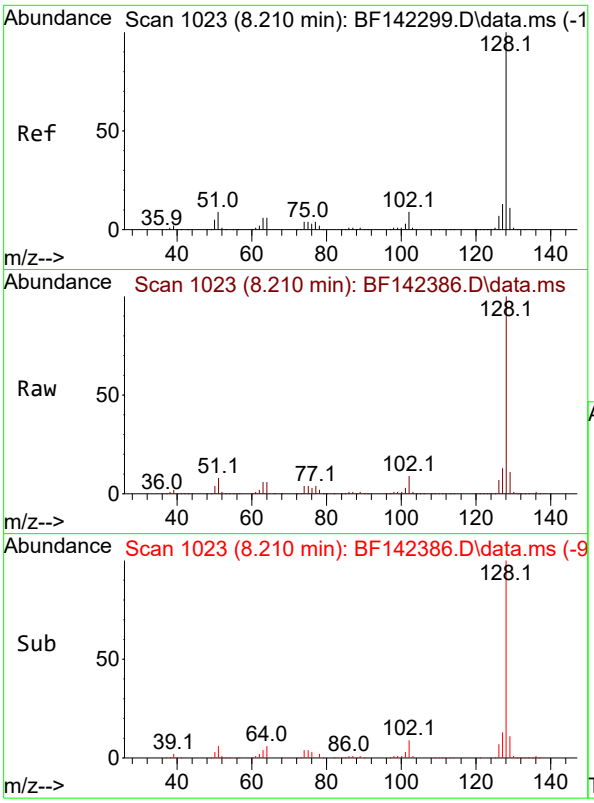


#30
1,2,4-Trichlorobenzene
Concen: 43.077 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:180 Resp: 456485

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.2	114.4
145	30.7	25.8	38.6



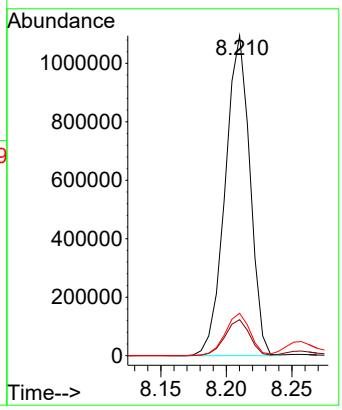


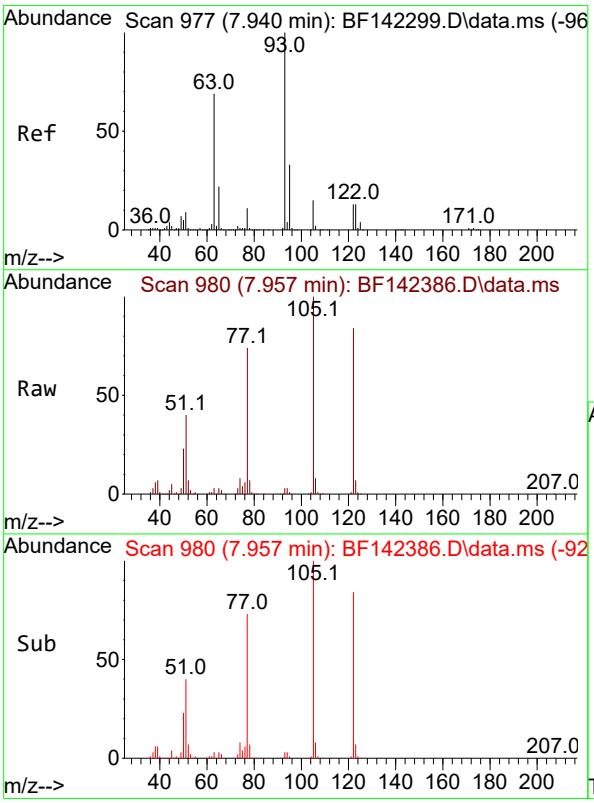
#31
Naphthalene
Concen: 41.752 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:128 Resp: 1435630

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.5	15.7

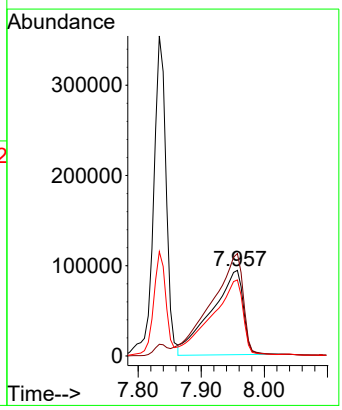


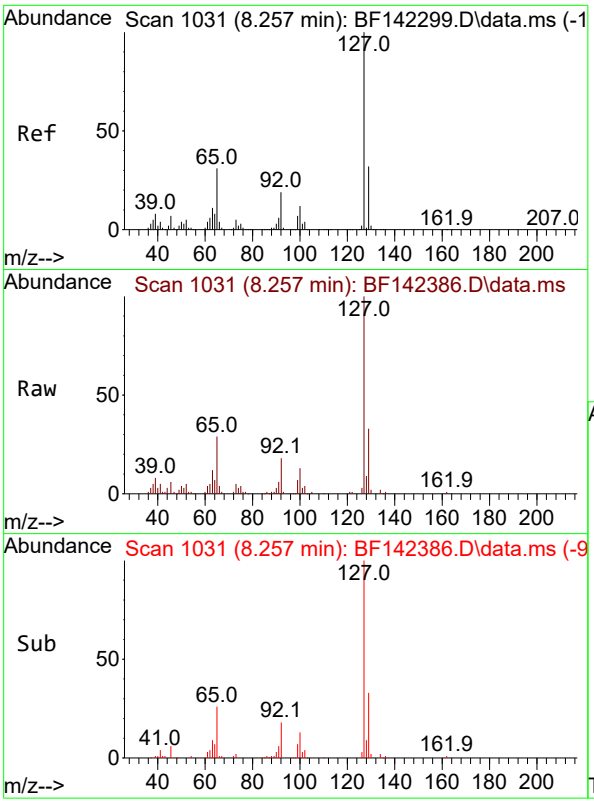


#32
Benzoic acid
Concen: 53.296 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:122 Resp: 327035

Ion	Ratio	Lower	Upper
122	100		
105	119.7	97.9	137.9
77	88.8	67.7	107.7



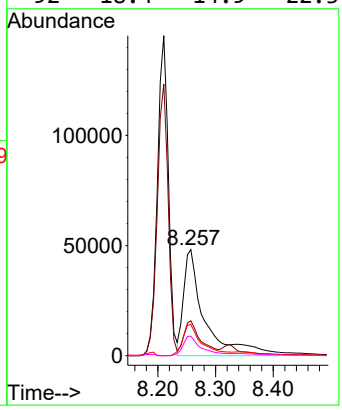


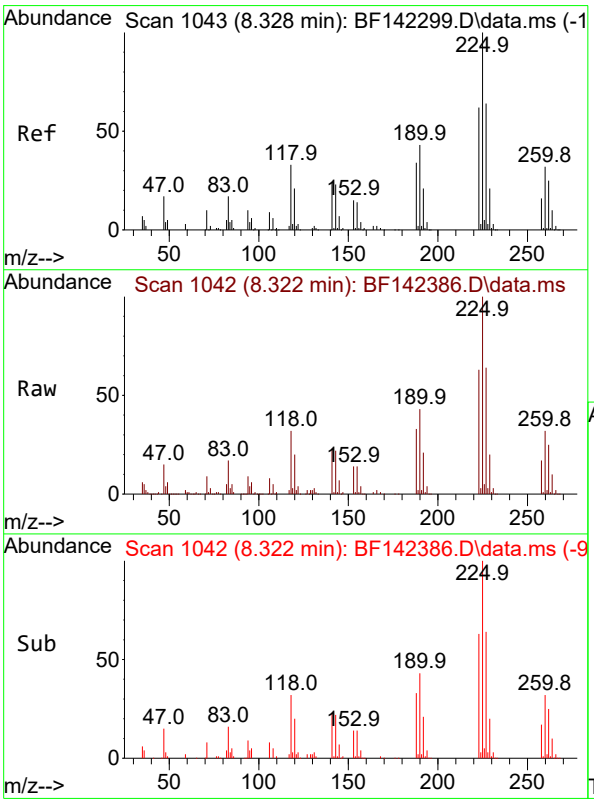
#33
4-Chloroaniline
Concen: 8.753 ng m
RT: 8.257 min Scan# 1
Delta R.T. -0.010 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:127 Resp: 122812

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	29.4	24.9	37.3
92	18.4	14.9	22.3

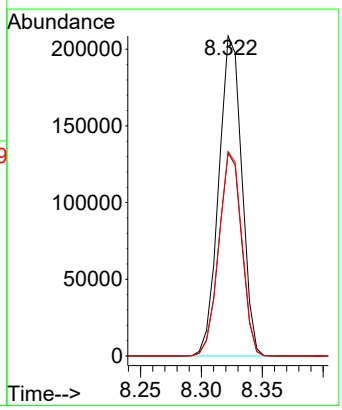


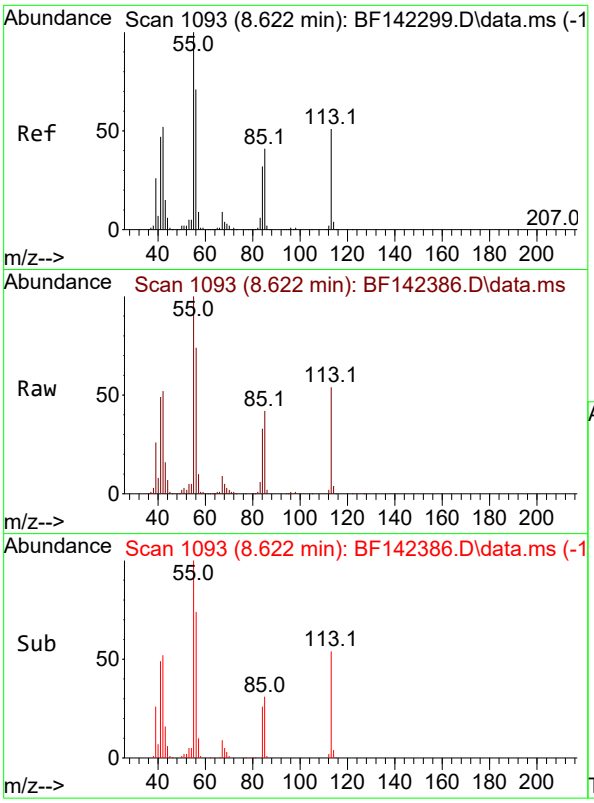


#34
Hexachlorobutadiene
Concen: 43.664 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:225 Resp: 273992

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	63.8	50.9	76.3



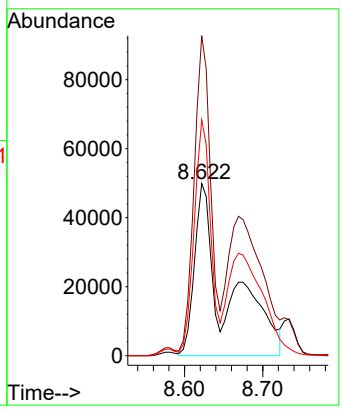


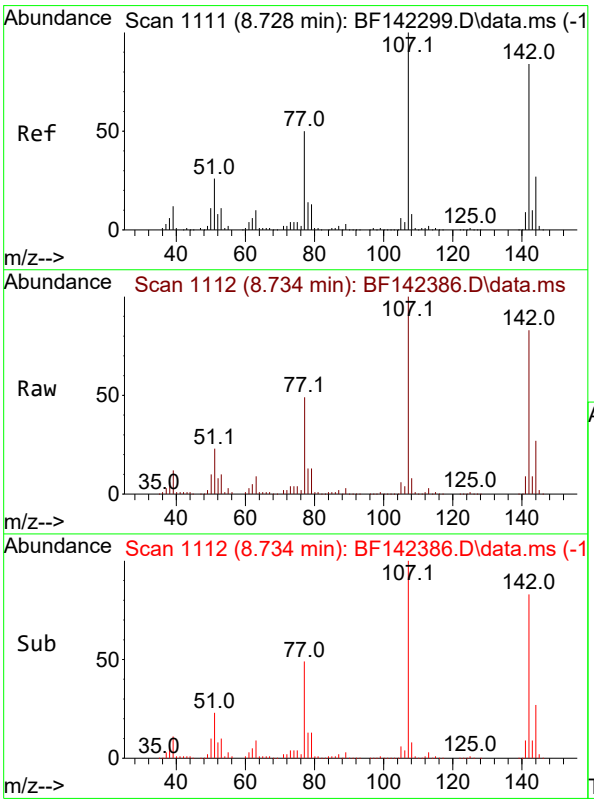
#35
Caprolactam
Concen: 51.419 ng m
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:113 Resp: 141106

Ion	Ratio	Lower	Upper
113	100		
55	185.8	176.4	216.4
56	137.0	120.3	160.3

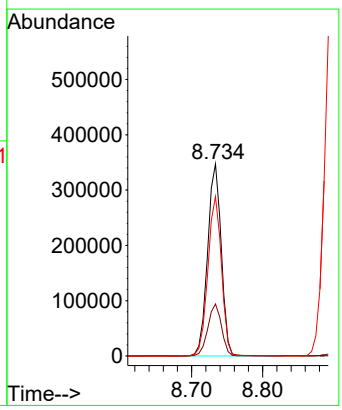


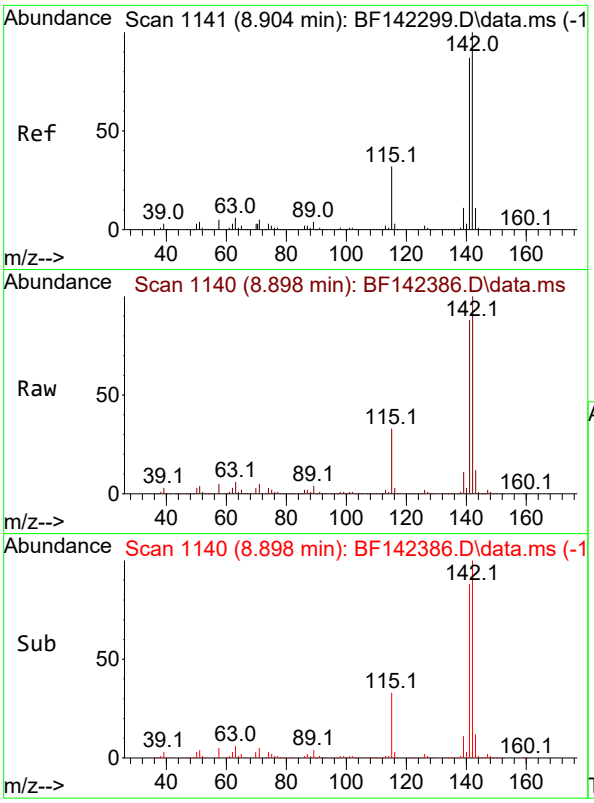


#36
4-Chloro-3-methylphenol
Concen: 47.463 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:107 Resp: 464569

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.3	31.9
142	83.0	66.9	100.3



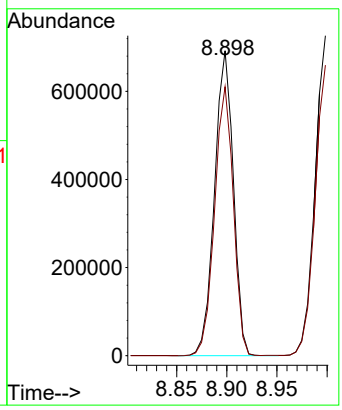


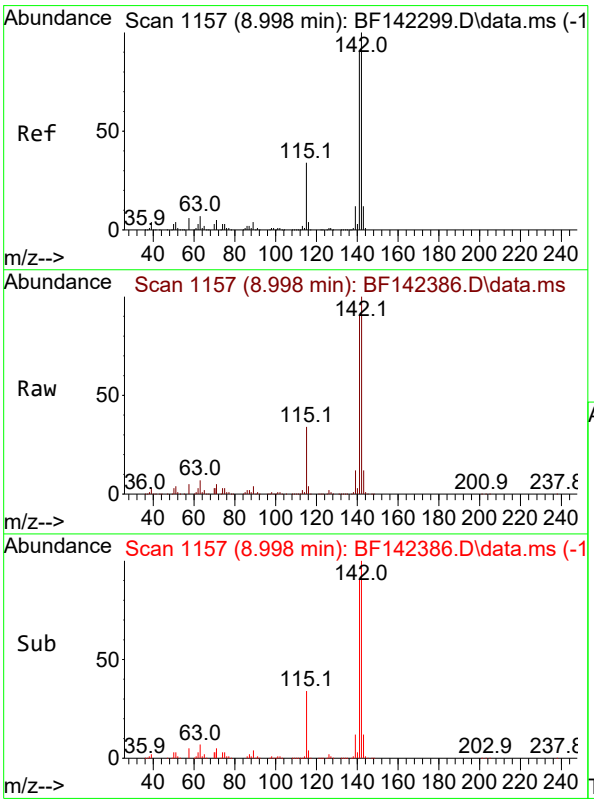
#37
2-Methylnaphthalene
Concen: 42.213 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:142 Resp: 901910

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.4	104.2

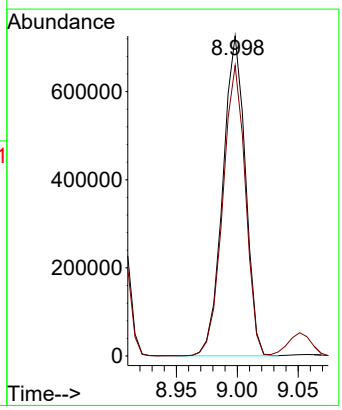


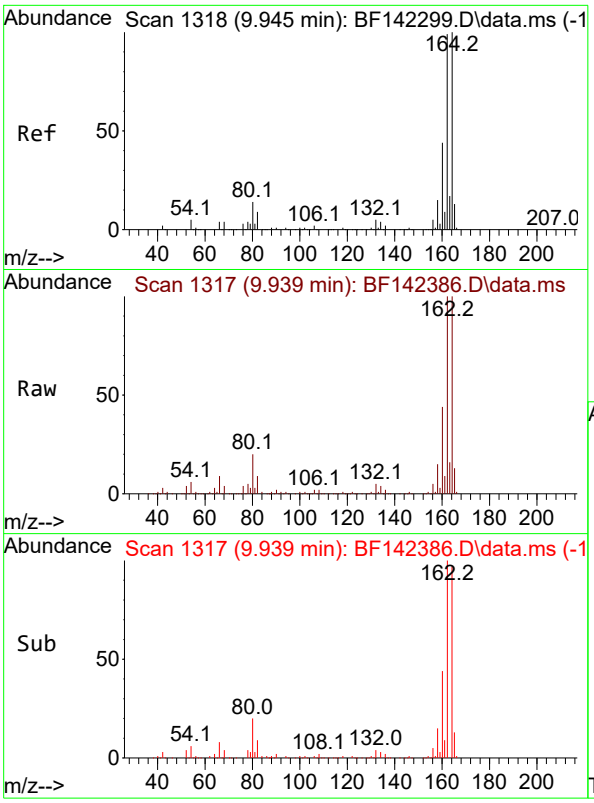


#38
1-Methylnaphthalene
Concen: 42.021 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:142 Resp: 935769

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7



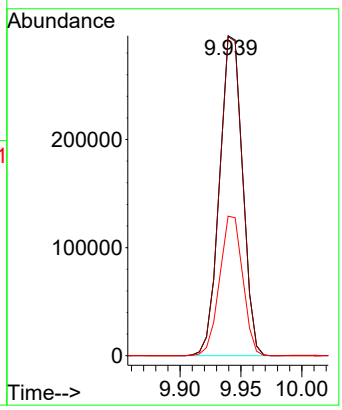


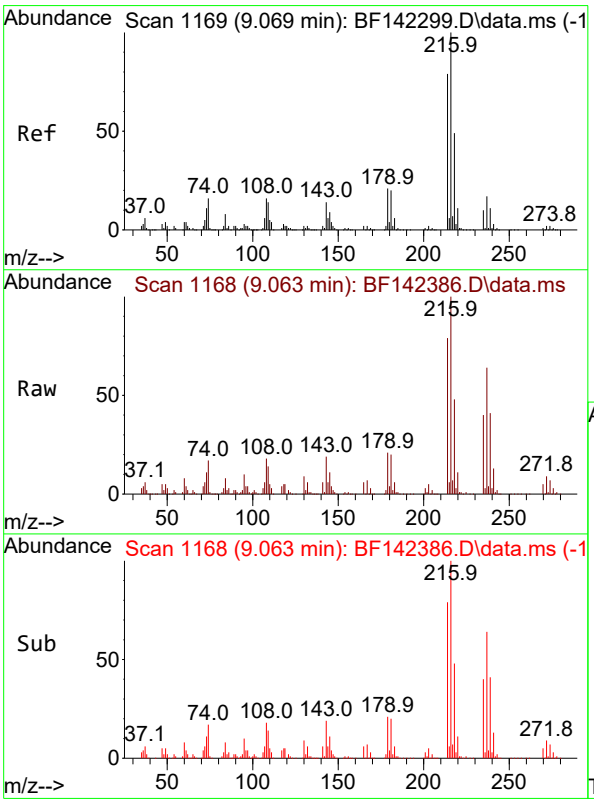
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:164 Resp: 390383

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.2	118.8
160	43.6	35.3	52.9

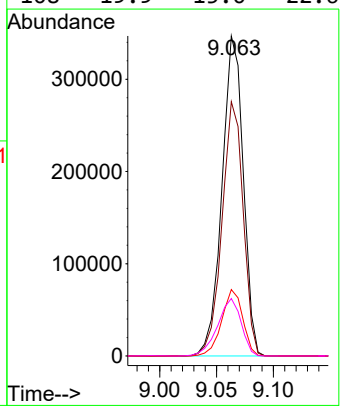


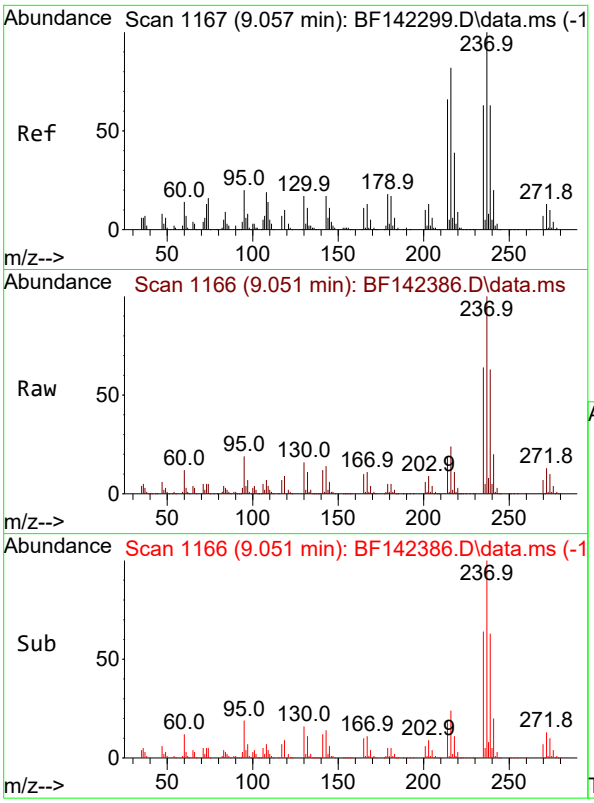


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.442 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:216 Resp: 451848

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	20.5	17.0	25.6
108	19.9	15.0	22.6



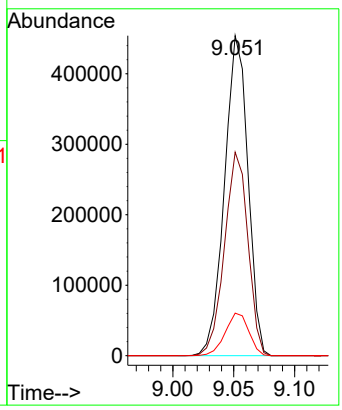


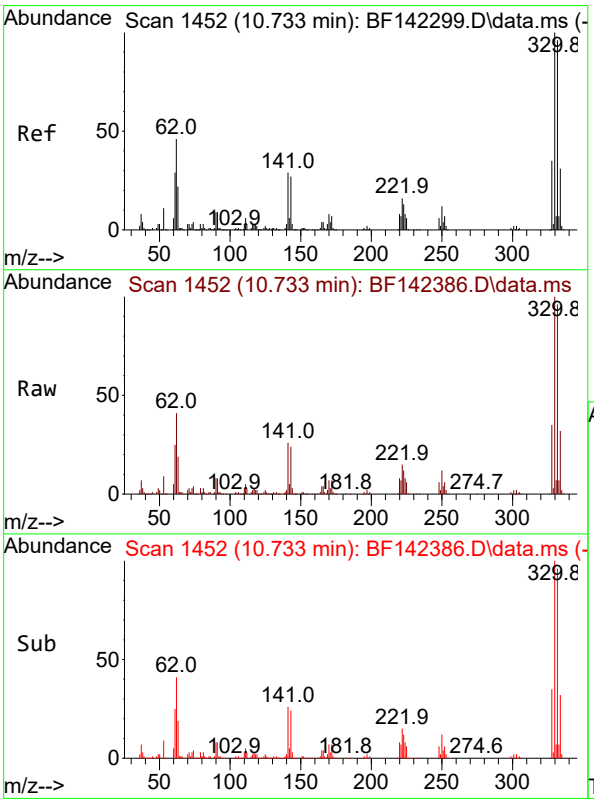
#41
Hexachlorocyclopentadiene
Concen: 90.221 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:237 Resp: 607941

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.8	82.8
272	13.3	0.0	33.0

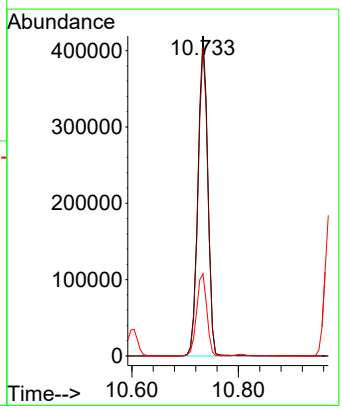


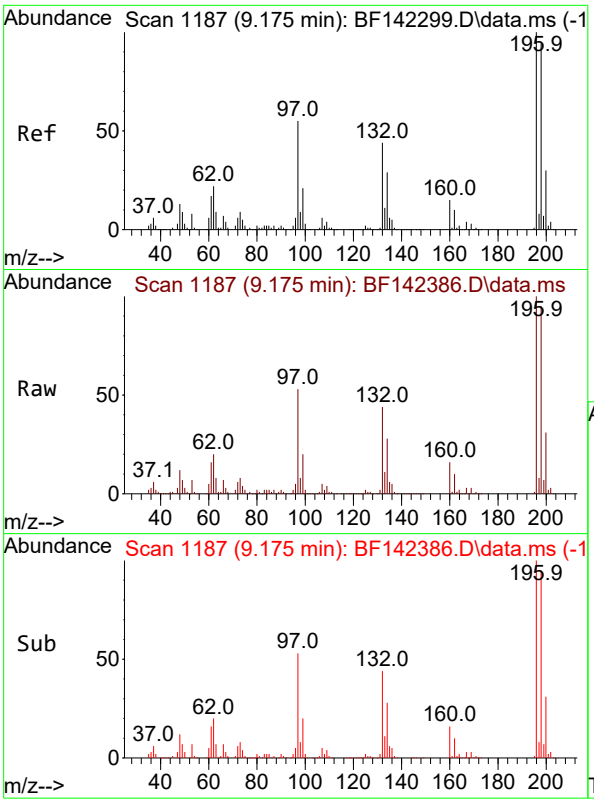


#42
2,4,6-Tribromophenol
Concen: 142.330 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:330 Resp: 536451

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	26.7	24.9	37.3



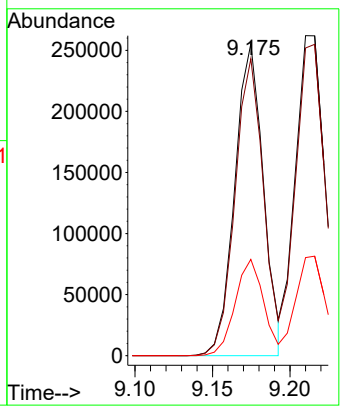


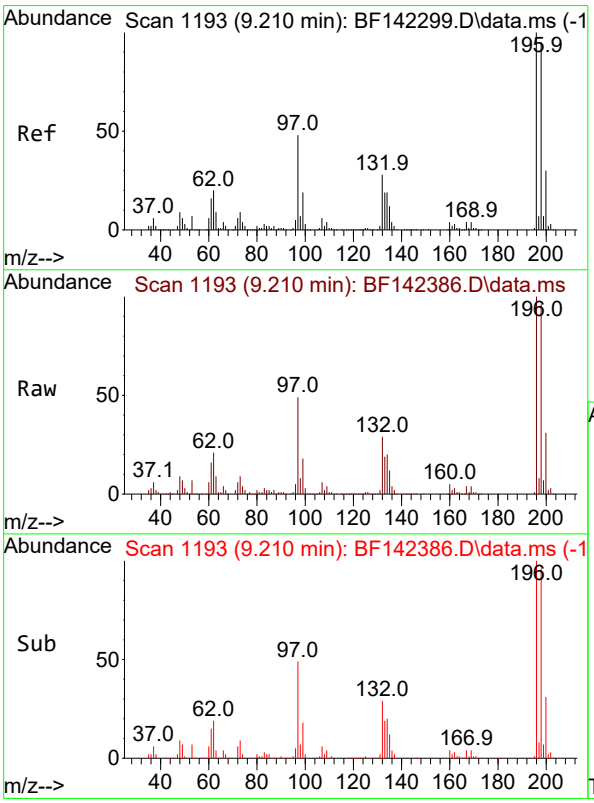
#43
2,4,6-Trichlorophenol
Concen: 47.621 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:196 Resp: 327505

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.0
200	30.9	24.3	36.5

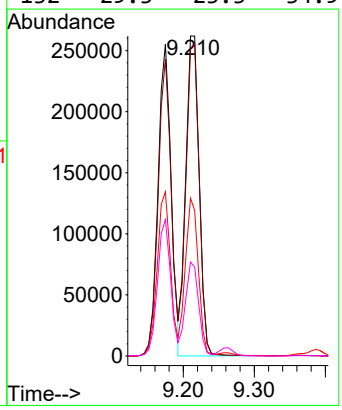


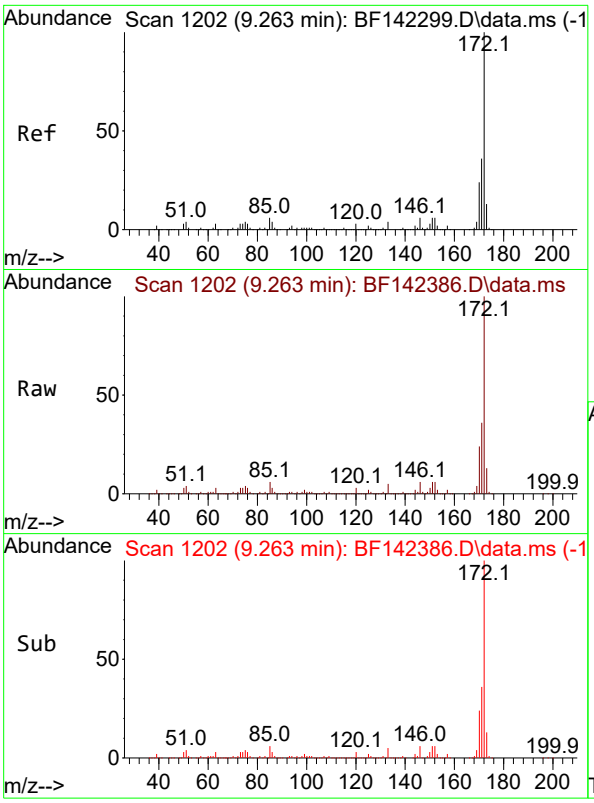


#44
2,4,5-Trichlorophenol
Concen: 47.199 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:196 Resp: 345379

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.1	114.1
97	49.3	39.0	58.4
132	29.3	23.3	34.9



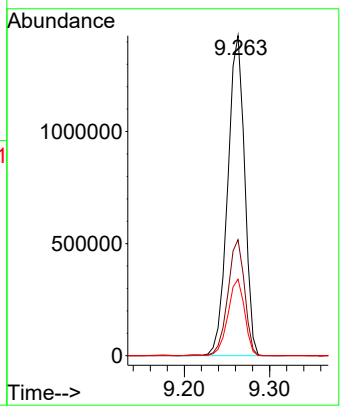


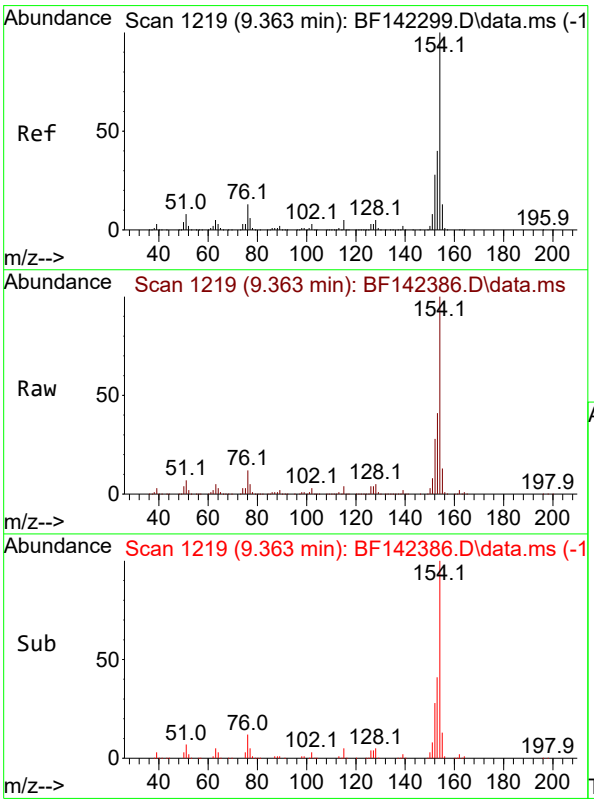
#45
2-Fluorobiphenyl
Concen: 71.589 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:172 Resp: 1960008

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.9	19.0	28.4

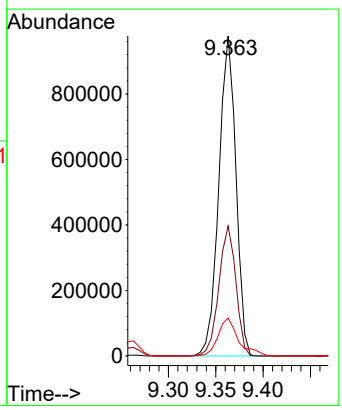


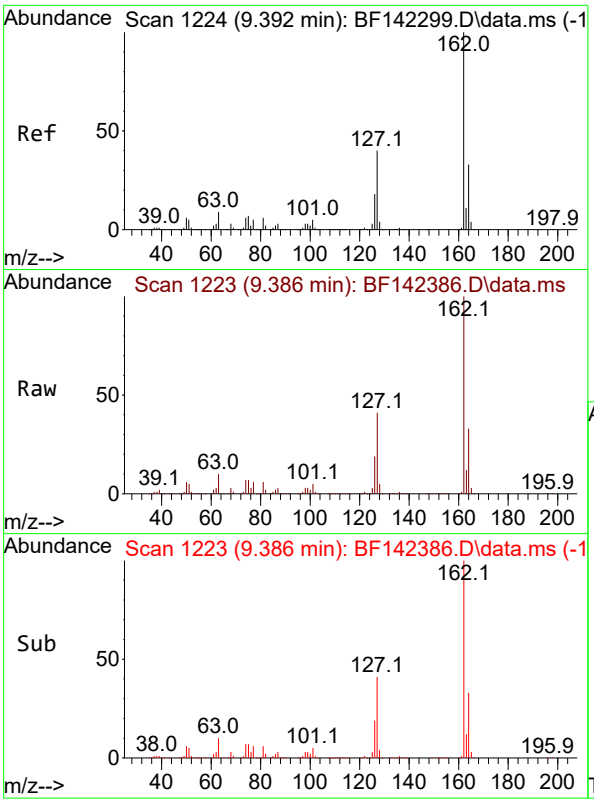


#46
1,1'-Biphenyl
Concen: 41.065 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:154 Resp: 1229160

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	11.8	0.0	32.8



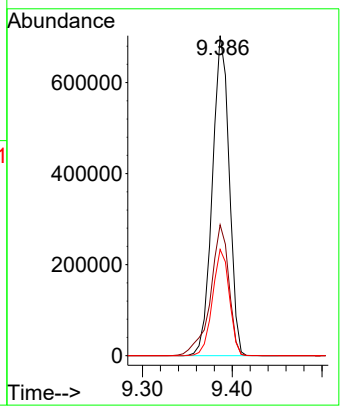


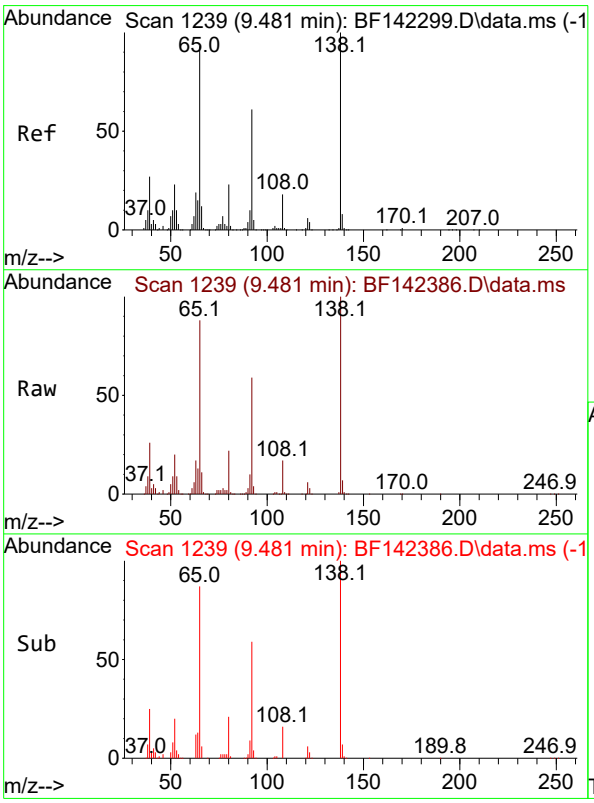
#47
2-Chloronaphthalene
Concen: 41.162 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:162 Resp: 916262

Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.3	48.5
164	33.2	26.6	40.0

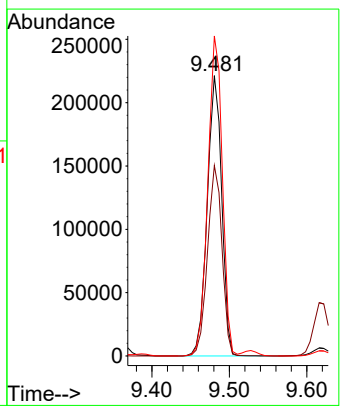


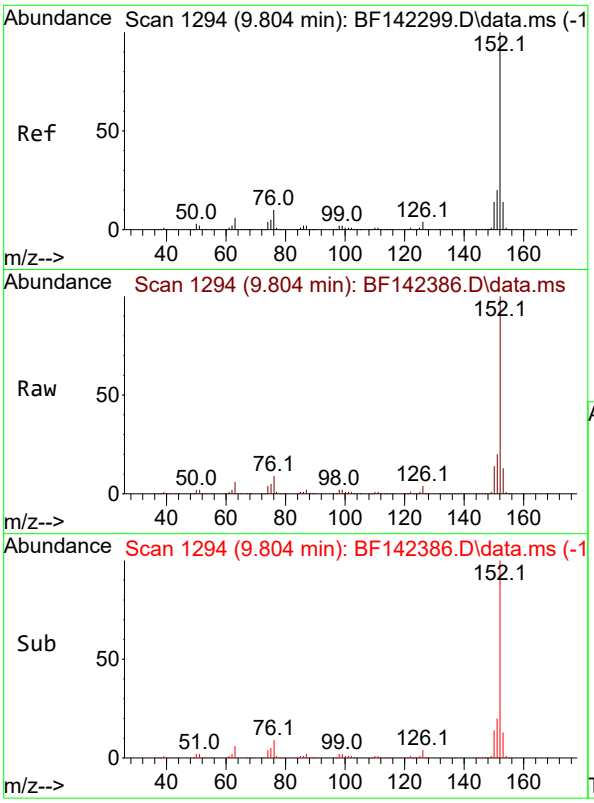


#48
2-Nitroaniline
Concen: 50.405 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 65 Resp: 287593

Ion	Ratio	Lower	Upper
65	100		
92	67.9	52.3	78.5
138	114.2	85.6	128.4



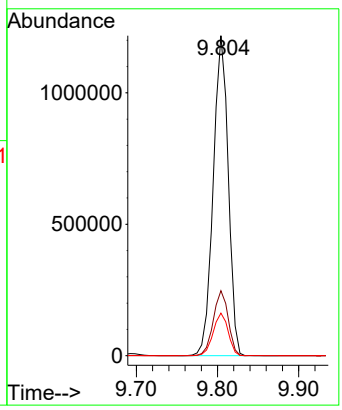


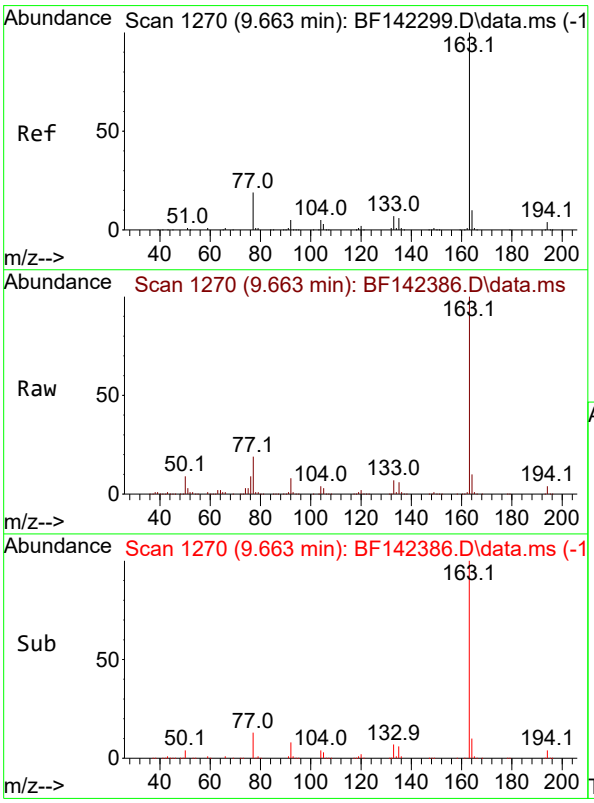
#49
Acenaphthylene
Concen: 41.988 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:152 Resp: 1563555

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.8	16.2

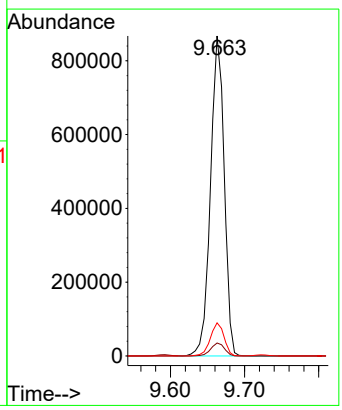


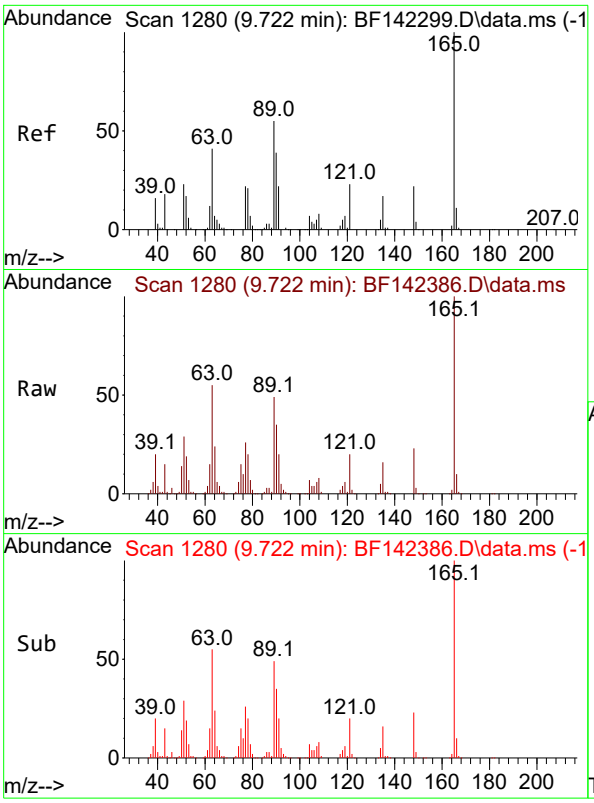


#50
Dimethylphthalate
Concen: 44.460 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:163 Resp: 1114509

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	8.3	12.5



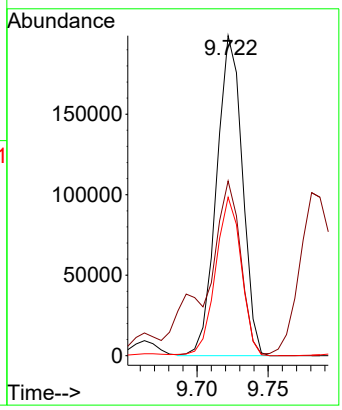


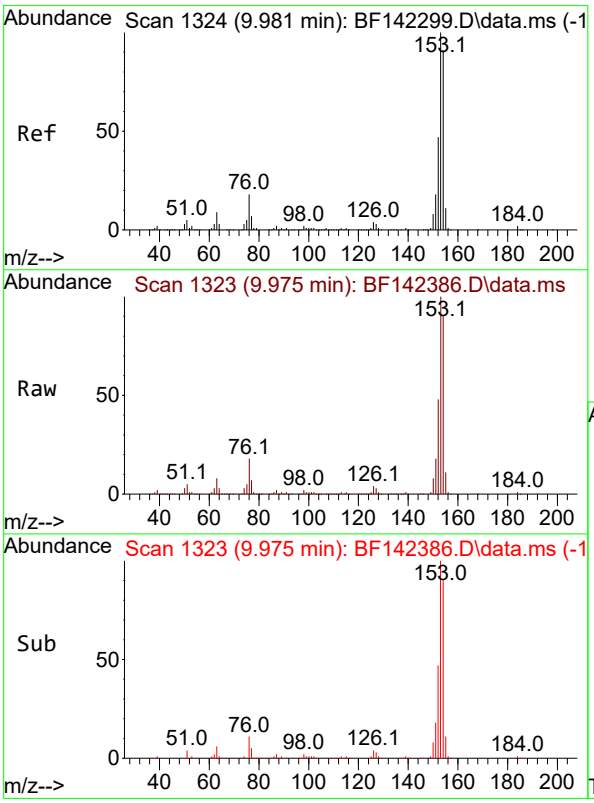
#51
2,6-Dinitrotoluene
Concen: 53.548 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:165 Resp: 251258

Ion	Ratio	Lower	Upper
165	100		
63	54.6	49.5	74.3
89	49.5	44.6	66.8

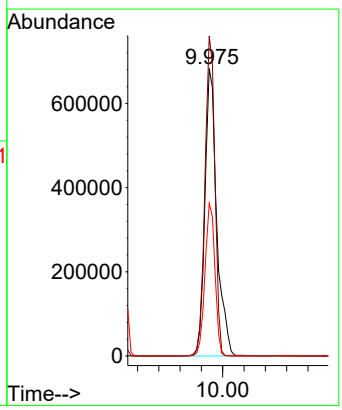


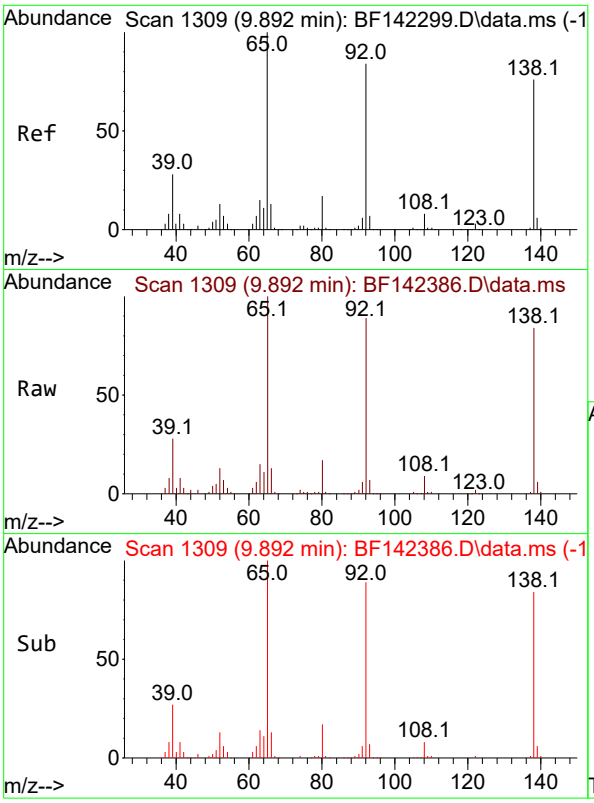


#52
Acenaphthene
Concen: 47.056 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:154 Resp: 1053599

Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.0	132.0
152	53.1	41.6	62.4



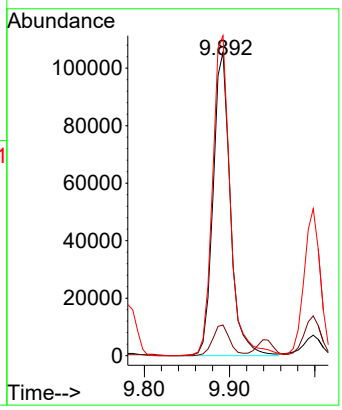


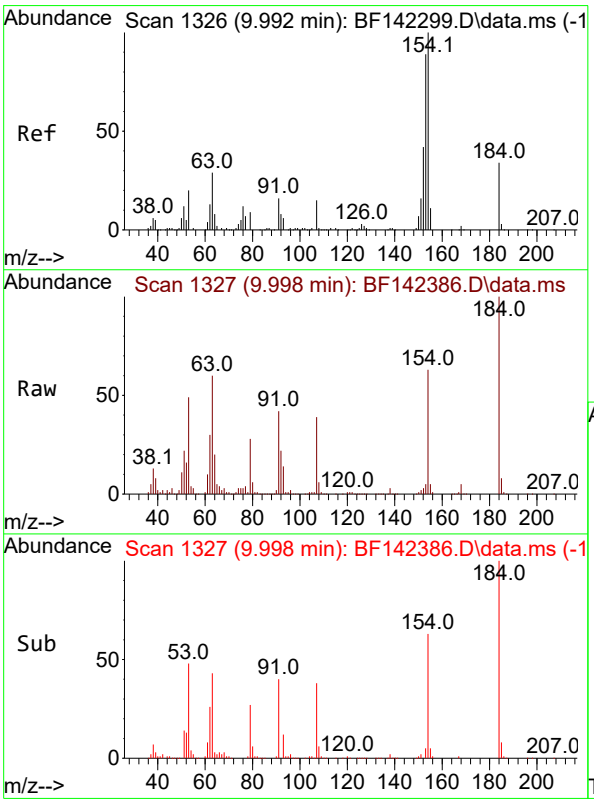
#53
3-Nitroaniline
Concen: 26.925 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:138 Resp: 148171

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	105.5	89.5	134.3

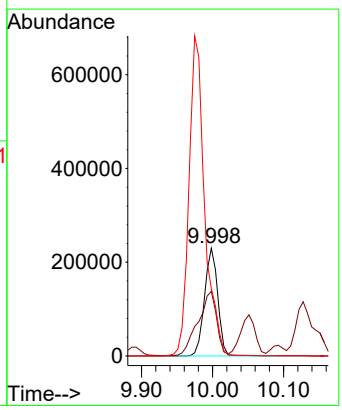


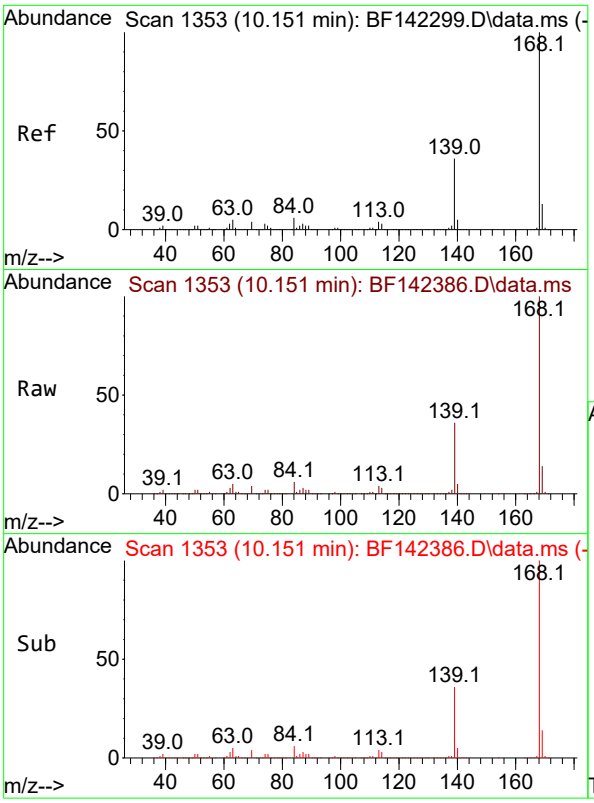


#54
2,4-Dinitrophenol
Concen: 117.829 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:184 Resp: 299083

Ion	Ratio	Lower	Upper
184	100		
63	60.0	70.6	105.8#
154	62.7	257.2	385.8#



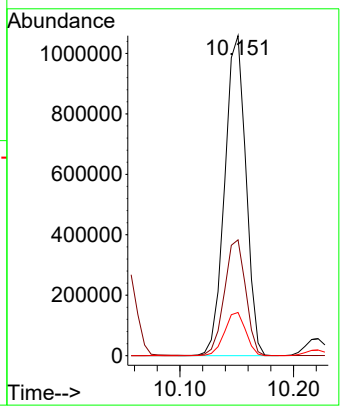


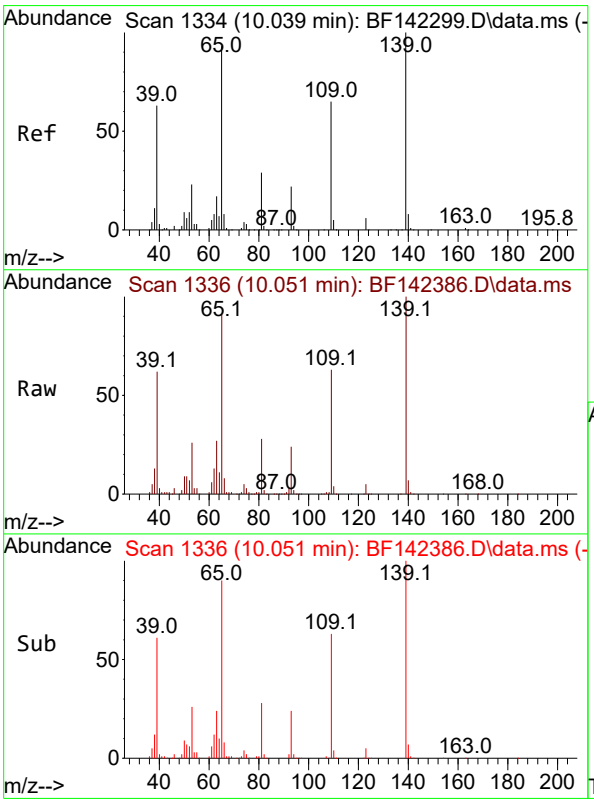
#55
Dibenzofuran
Concen: 41.493 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:168 Resp: 1371115

Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.0	43.4
169	13.5	10.7	16.1

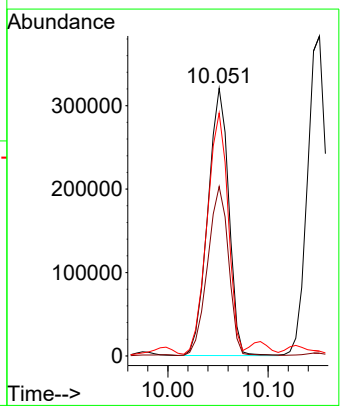


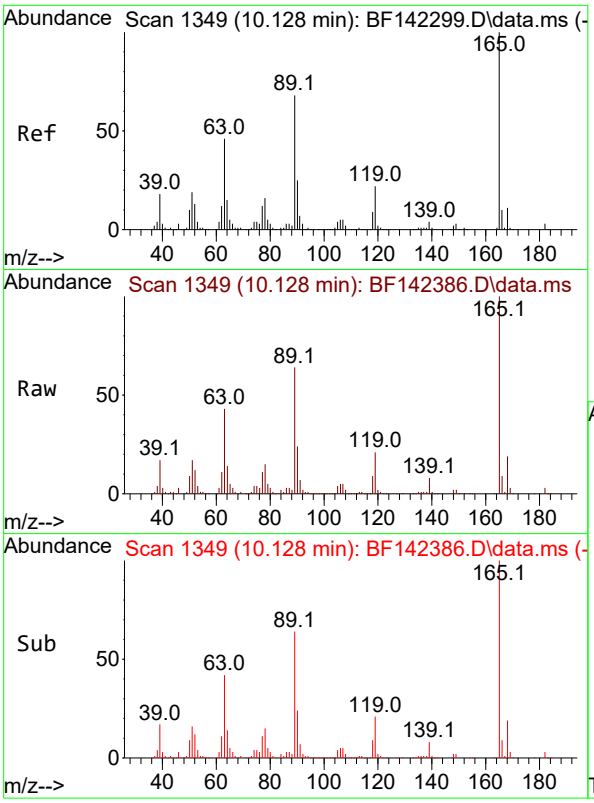


#56
4-Nitrophenol
Concen: 112.100 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:139 Resp: 464288

Ion	Ratio	Lower	Upper
139	100		
109	63.3	45.3	85.3
65	90.8	73.9	113.9



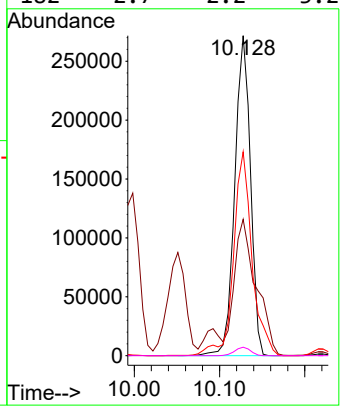


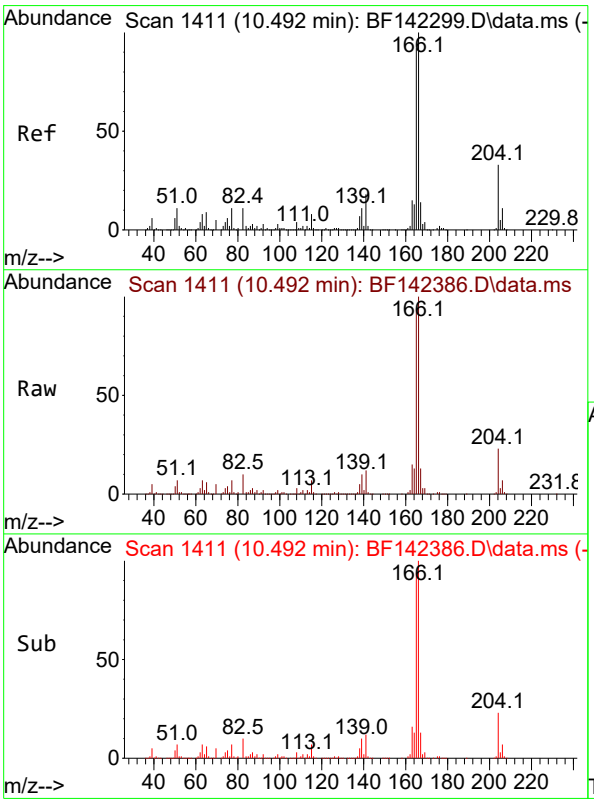
#57
2,4-Dinitrotoluene
Concen: 57.728 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:165 Resp: 347454

Ion	Ratio	Lower	Upper
165	100		
63	42.6	37.1	55.7
89	63.7	54.4	81.6
182	2.7	2.2	3.2

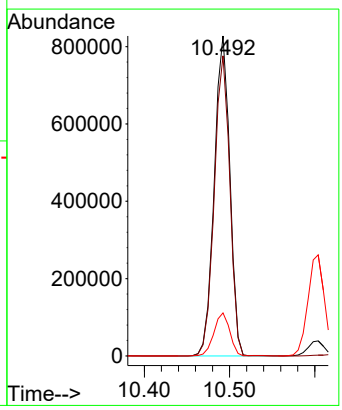


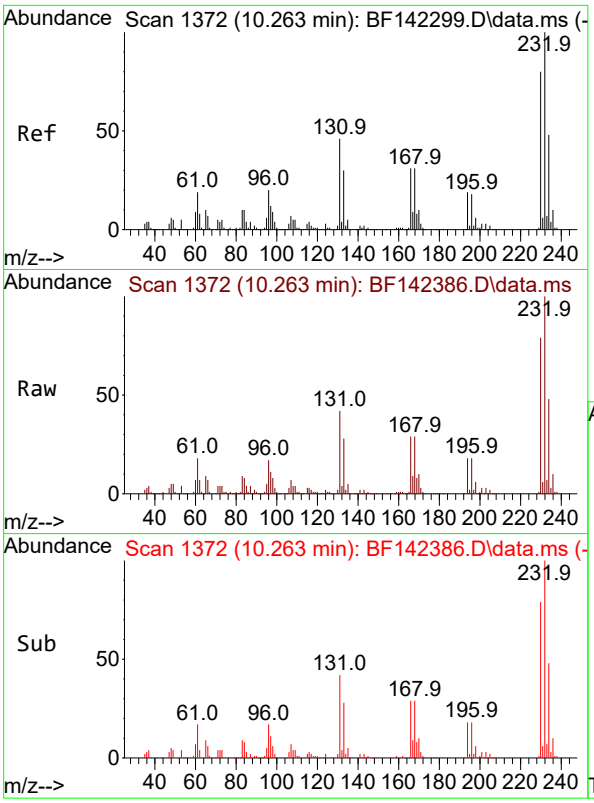


#58
Fluorene
Concen: 41.687 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:166 Resp: 1051263

Ion	Ratio	Lower	Upper
166	100		
165	93.8	74.0	111.0
167	13.5	10.9	16.3



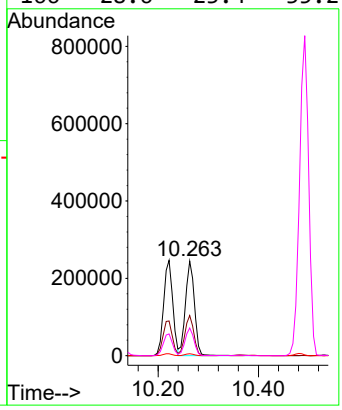


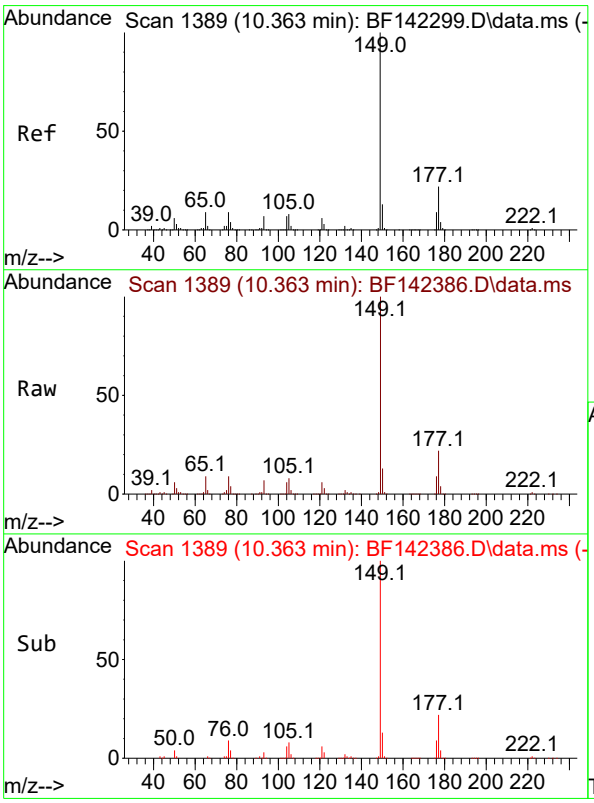
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.597 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:232 Resp: 305641

Ion	Ratio	Lower	Upper
232	100		
131	42.1	36.0	54.0
130	2.0	1.8	2.6
166	28.6	23.4	35.2

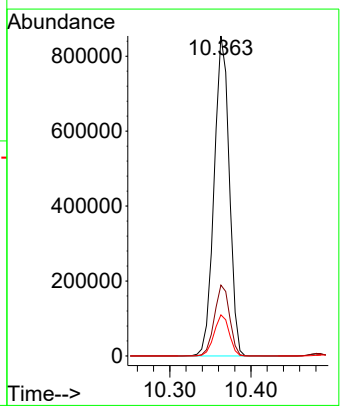


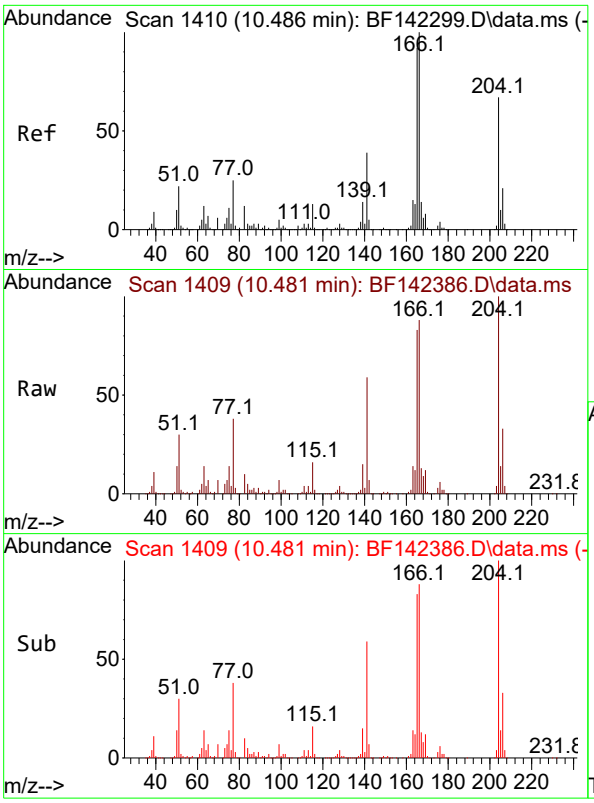


#60
Diethylphthalate
Concen: 44.226 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:149 Resp: 1107155

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.9	10.1	15.1



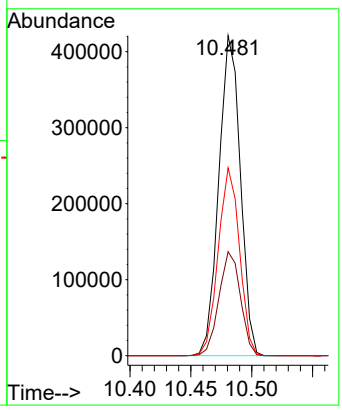


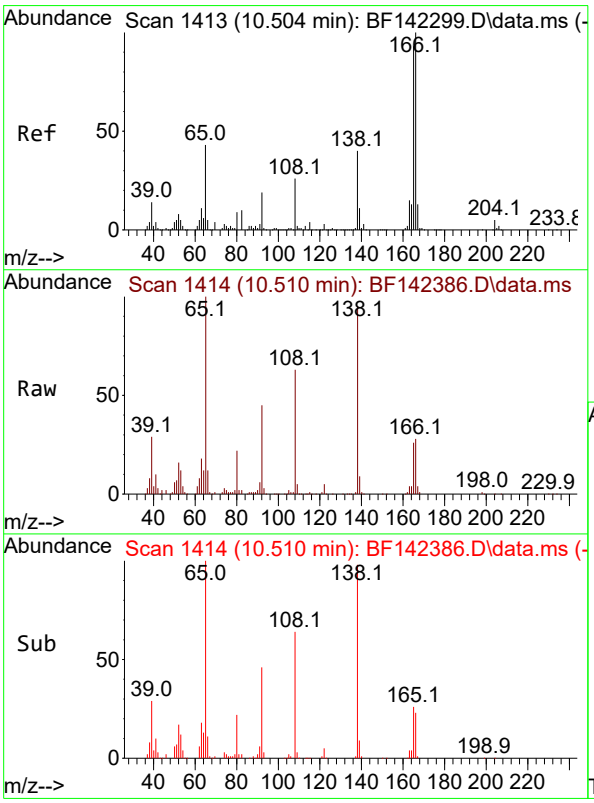
#61
4-Chlorophenyl-phenylether
Concen: 42.581 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:204 Resp: 518059

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.5	38.3
141	58.7	46.4	69.6

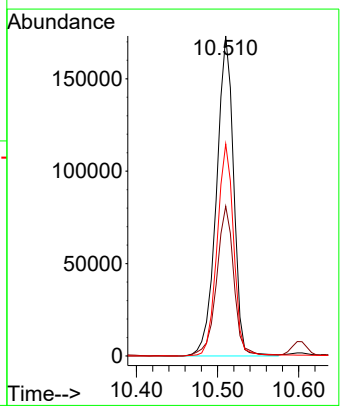


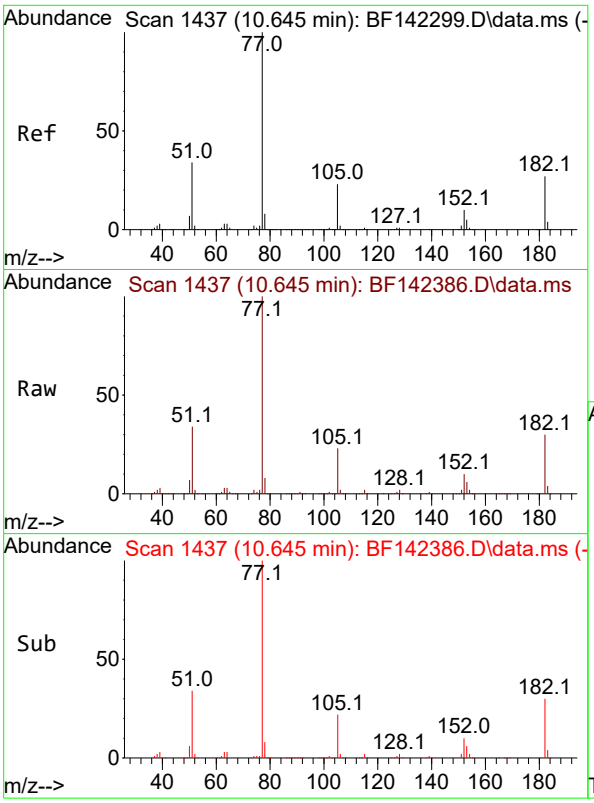


#62
4-Nitroaniline
Concen: 58.486 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:138 Resp: 255090

Ion	Ratio	Lower	Upper
138	100		
92	46.8	27.3	67.3
108	66.2	45.1	85.1



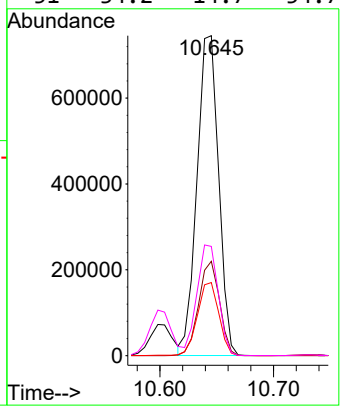


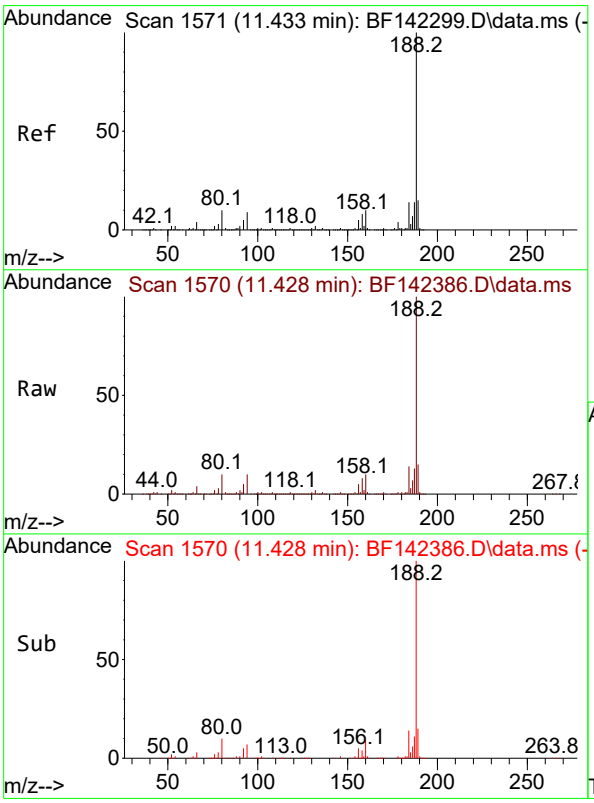
#63
Azobenzene
Concen: 41.252 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 77 Resp: 986822

Ion	Ratio	Lower	Upper
77	100		
182	29.5	6.9	46.9
105	22.8	2.7	42.7
51	34.2	14.7	54.7

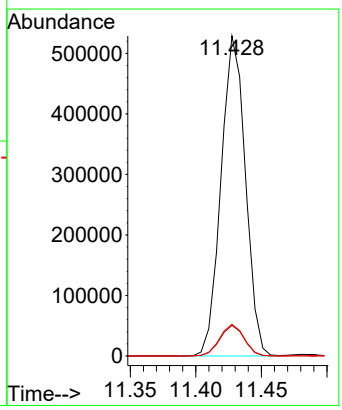


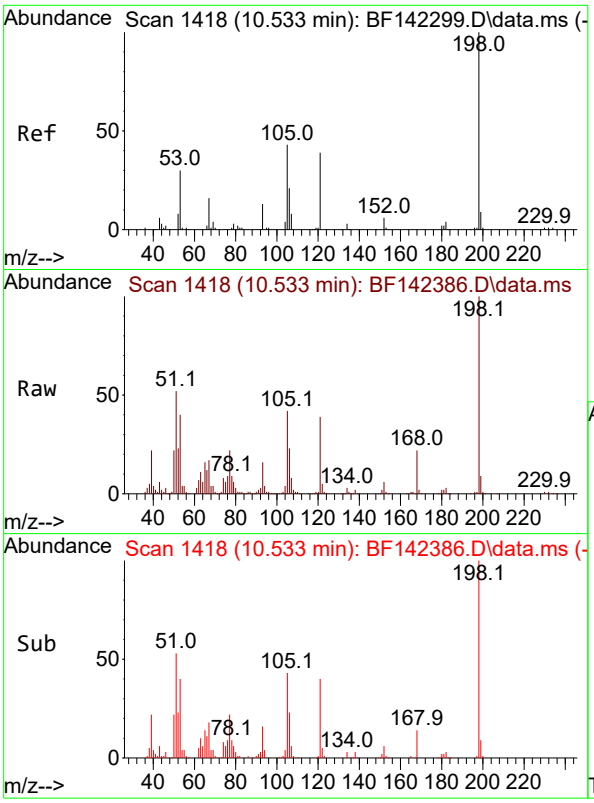


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:188 Resp: 683655

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	9.9	7.9	11.9



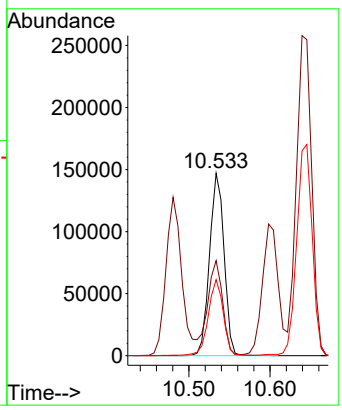


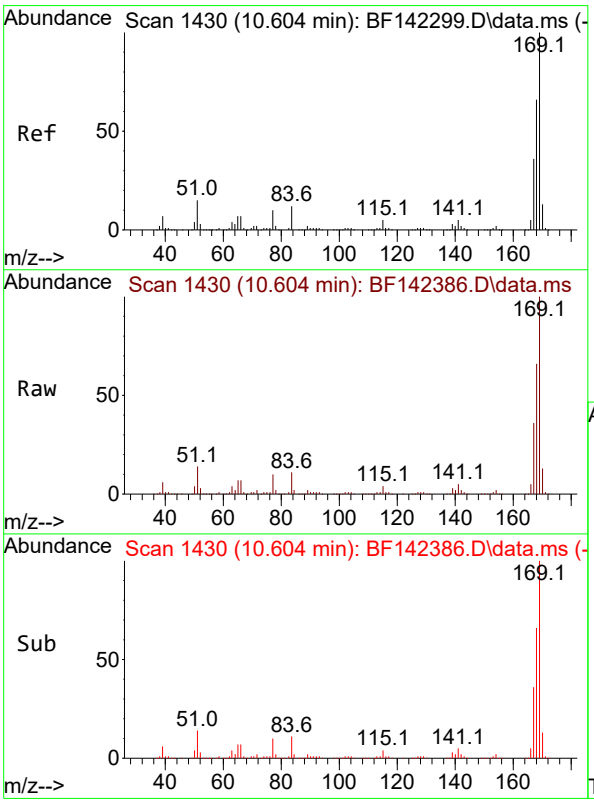
#65
4,6-Dinitro-2-methylphenol
Concen: 55.913 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:198 Resp: 182627

Ion	Ratio	Lower	Upper
198	100		
51	52.1	32.9	72.9
105	41.7	23.7	63.7

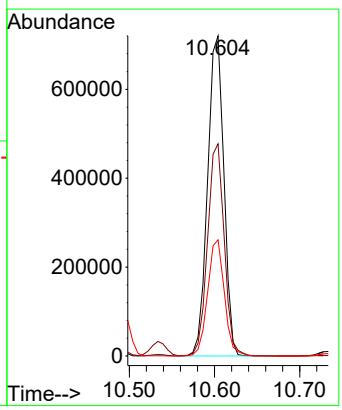


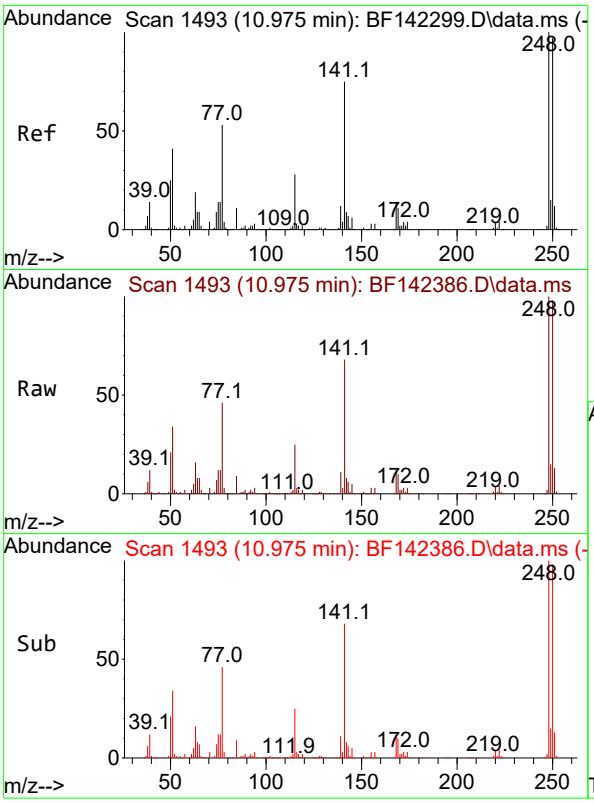


#66
n-Nitrosodiphenylamine
Concen: 42.007 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:169 Resp: 955633

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.3	28.9	43.3



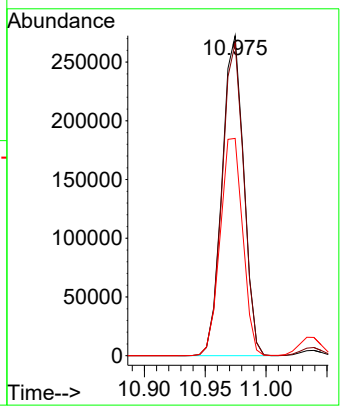


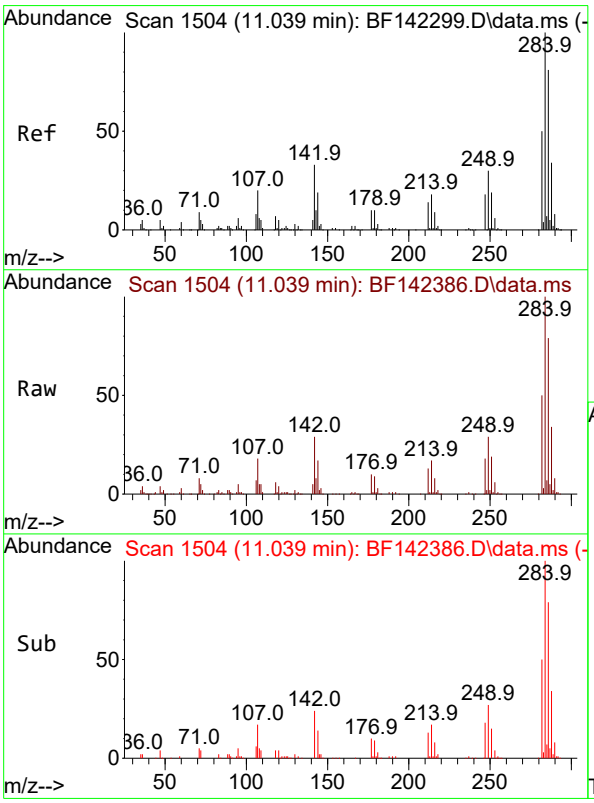
#67
4-Bromophenyl-phenylether
Concen: 43.574 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:248 Resp: 337616

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.9	116.9
141	67.9	59.8	89.8

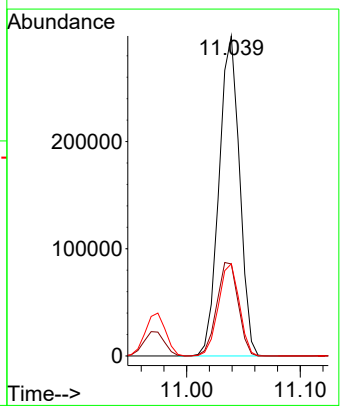


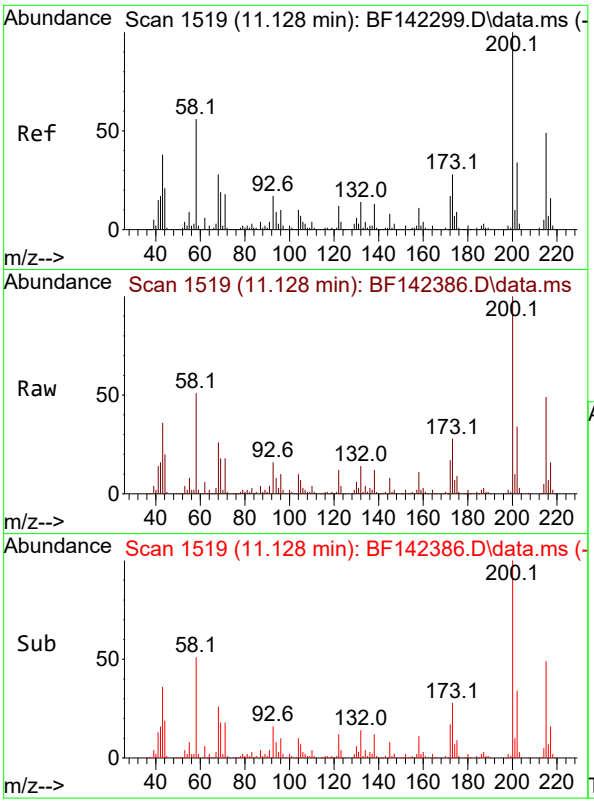


#68
Hexachlorobenzene
Concen: 44.062 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:284 Resp: 375531

Ion	Ratio	Lower	Upper
284	100		
142	28.7	26.6	39.8
249	28.8	24.1	36.1



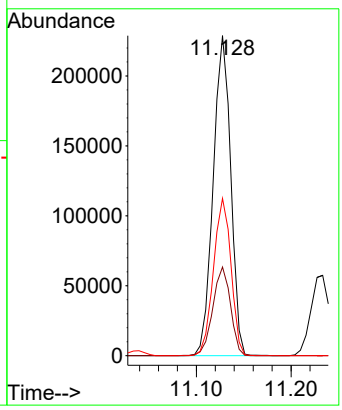


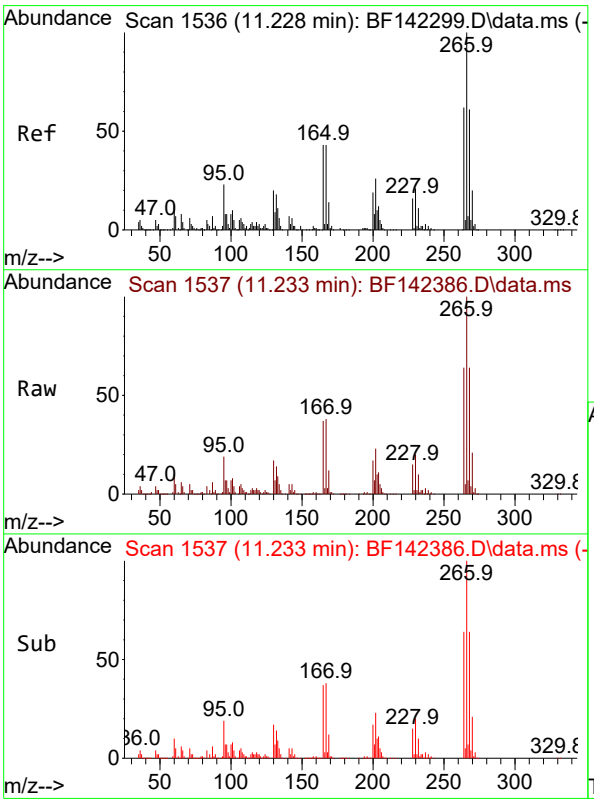
#69
Atrazine
Concen: 48.987 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:200 Resp: 293766

Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.1	48.1
215	49.1	28.8	68.8

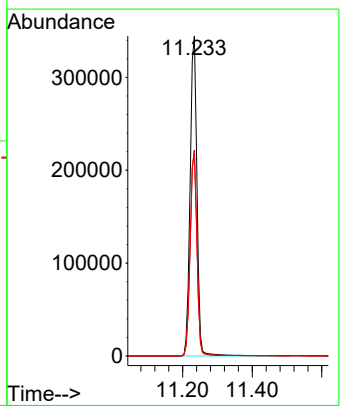


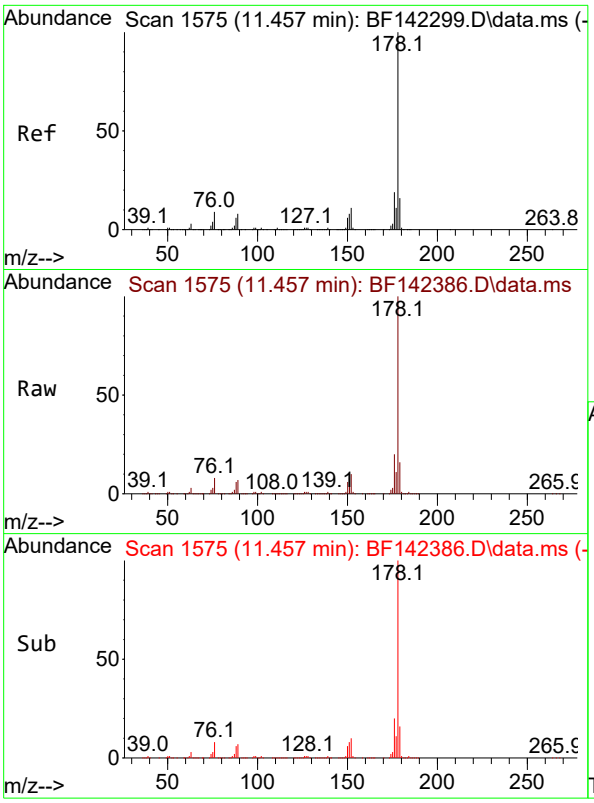


#70
Pentachlorophenol
Concen: 105.241 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:266 Resp: 471856

Ion	Ratio	Lower	Upper
266	100		
268	64.4	48.7	73.1
264	63.8	49.8	74.6



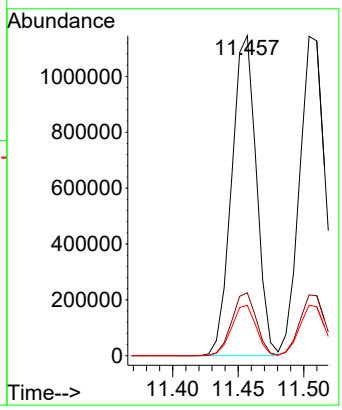


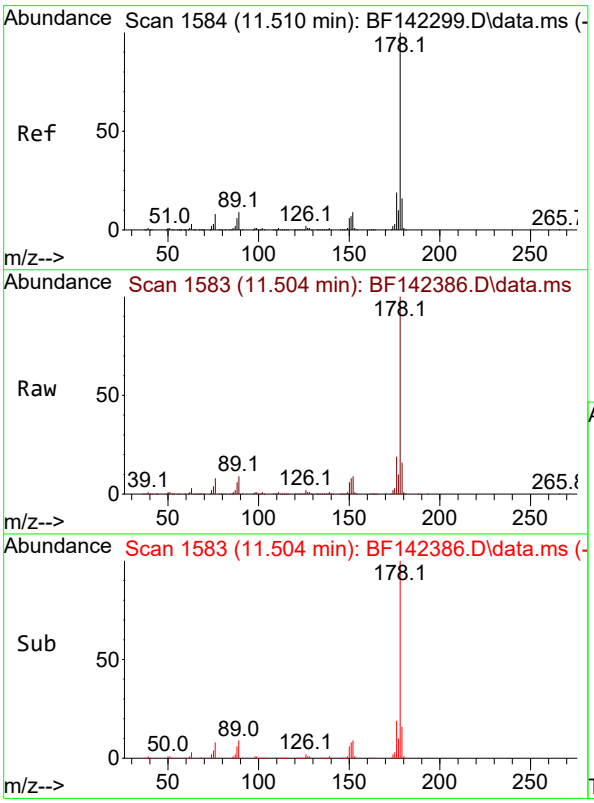
#71
Phenanthrene
Concen: 41.963 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:178 Resp: 1503753

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.8	12.6	18.8

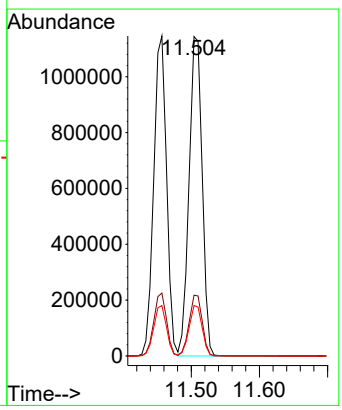


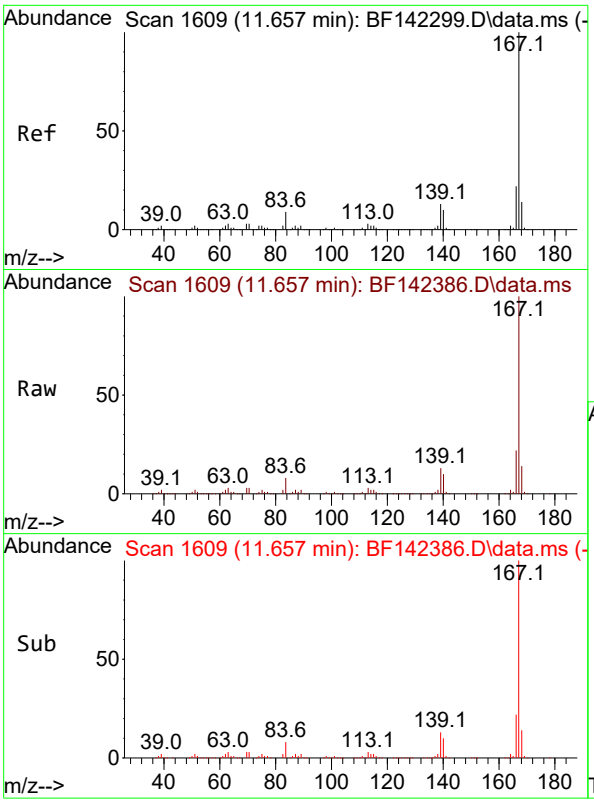


#72
Anthracene
Concen: 41.409 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:178 Resp: 1524726

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.8	12.6	18.8



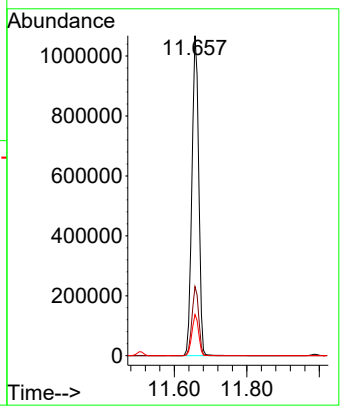


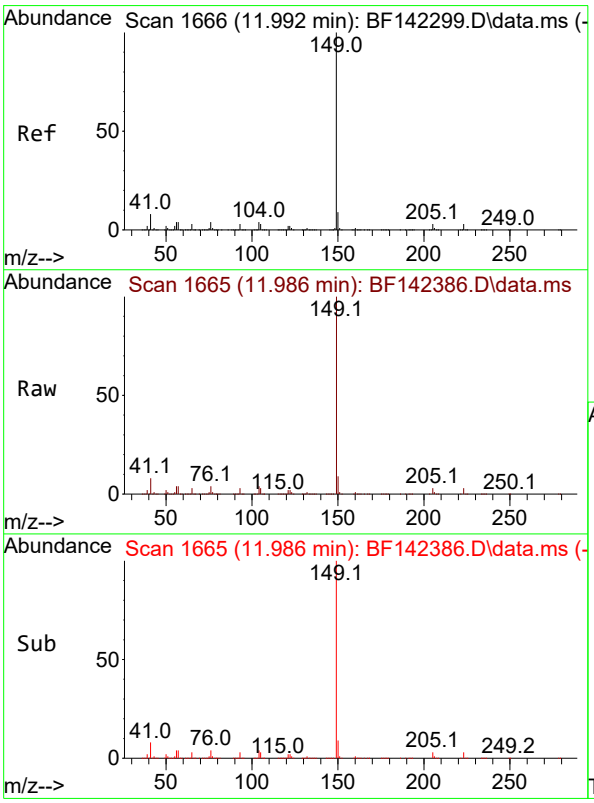
#73
Carbazole
Concen: 42.101 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:167 Resp: 1390787

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.3	15.5

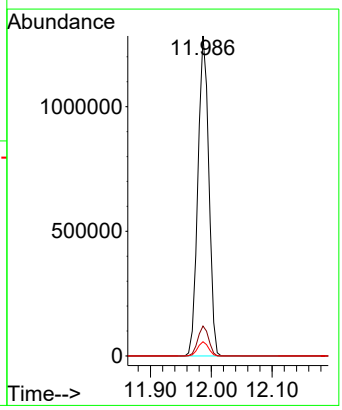


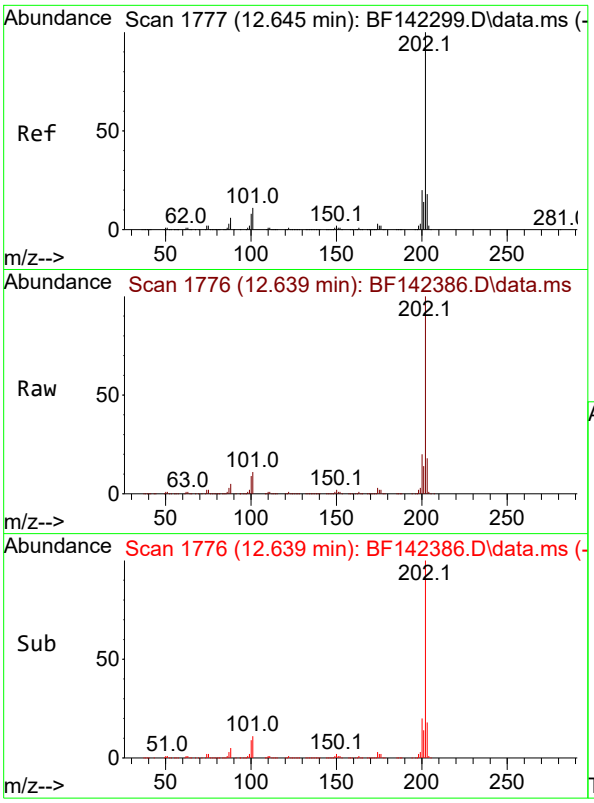


#74
Di-n-butylphthalate
Concen: 45.730 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:149 Resp: 1588510

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.4	3.6	5.4



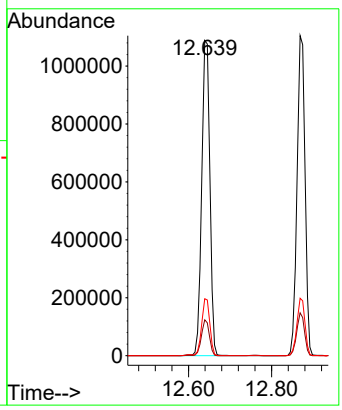


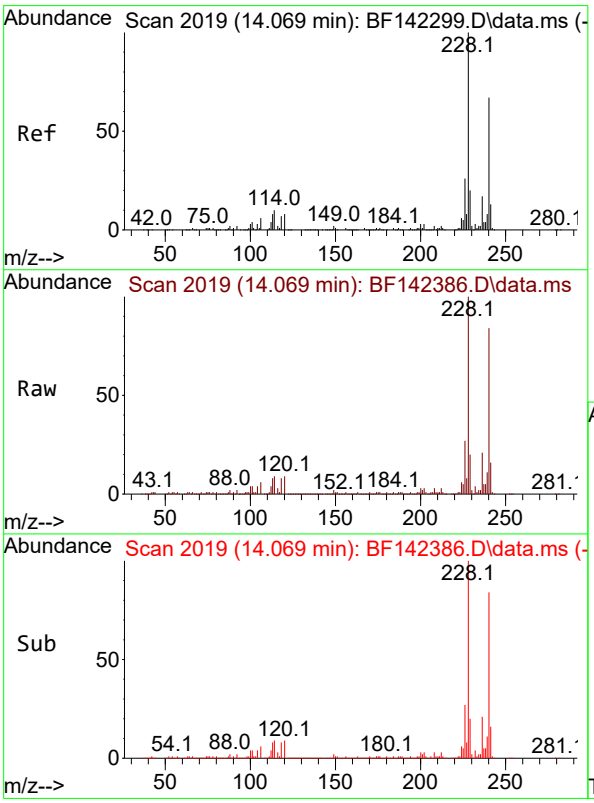
#75
Fluoranthene
Concen: 41.530 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:202 Resp: 1487674

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.1	0.0	37.9

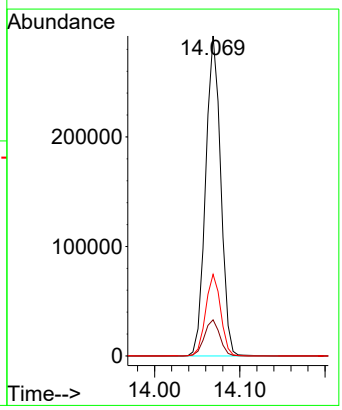


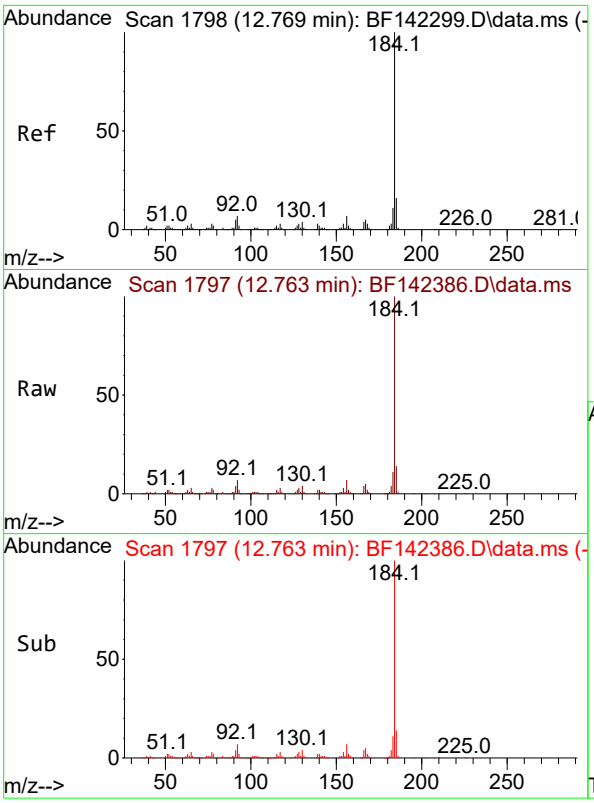


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:240 Resp: 358537

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.7	14.5
236	25.5	20.0	30.0



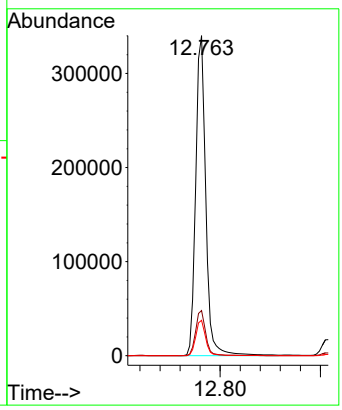


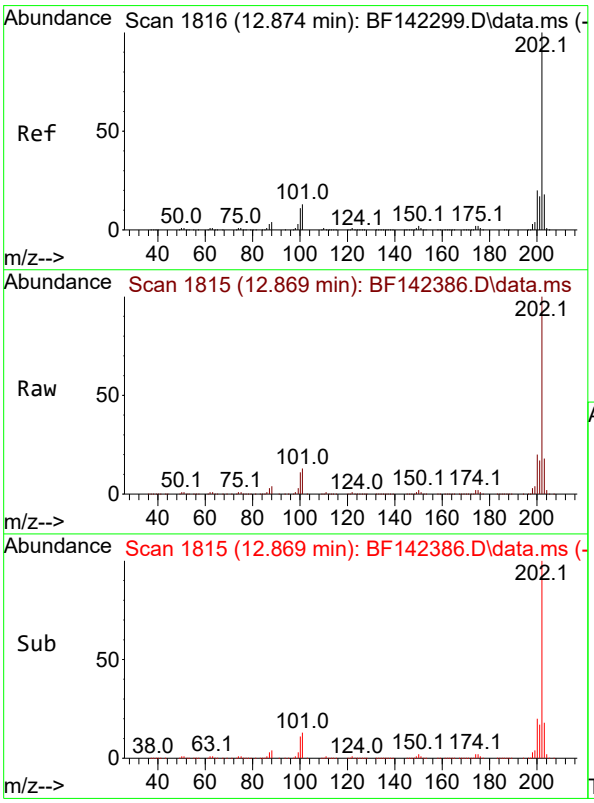
#77
Benzidine
Concen: 72.605 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:184 Resp: 473065

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	11.0	8.6	12.8

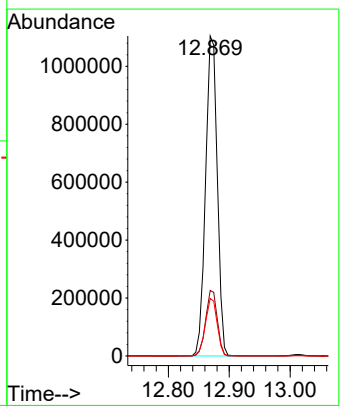


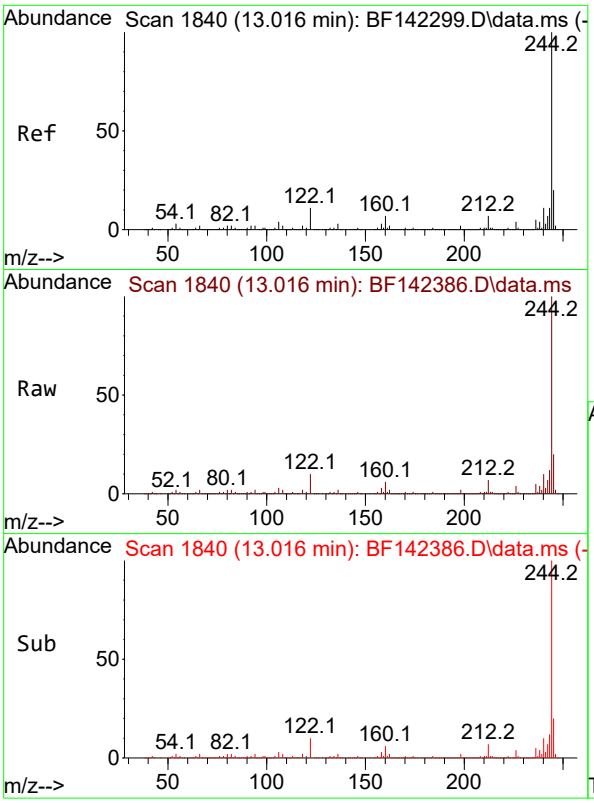


#78
Pyrene
Concen: 46.209 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:202 Resp: 1474683

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.0	14.3	21.5



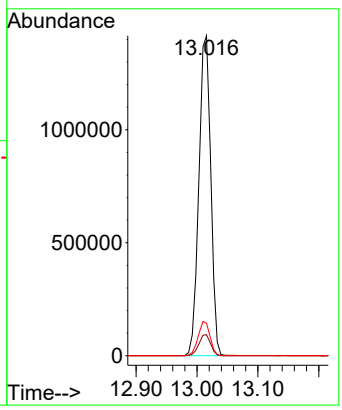


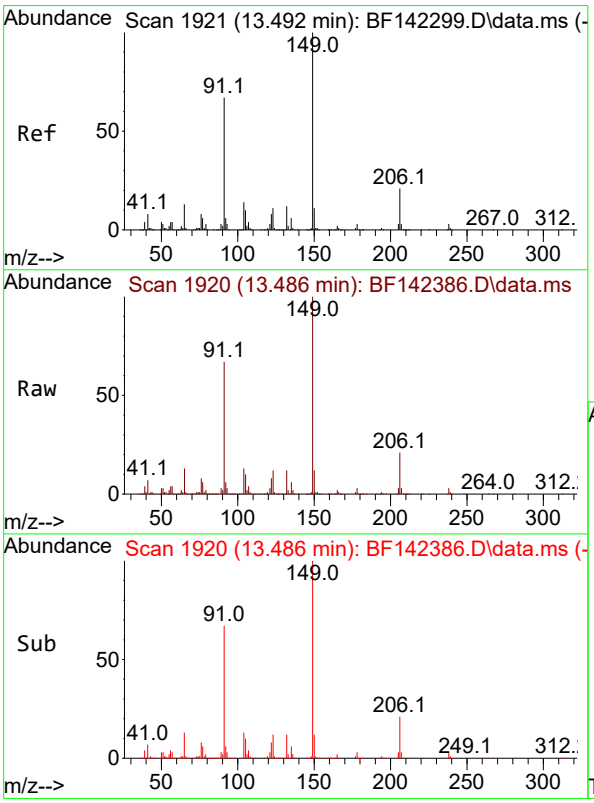
#79
Terphenyl-d14
Concen: 79.343 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:244 Resp: 1921973

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.1	9.0	13.4

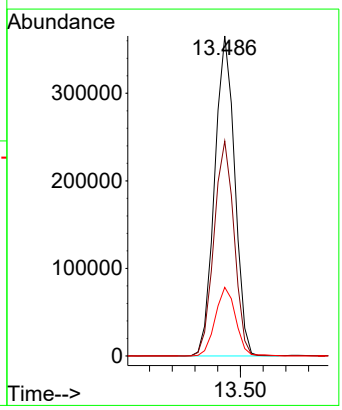


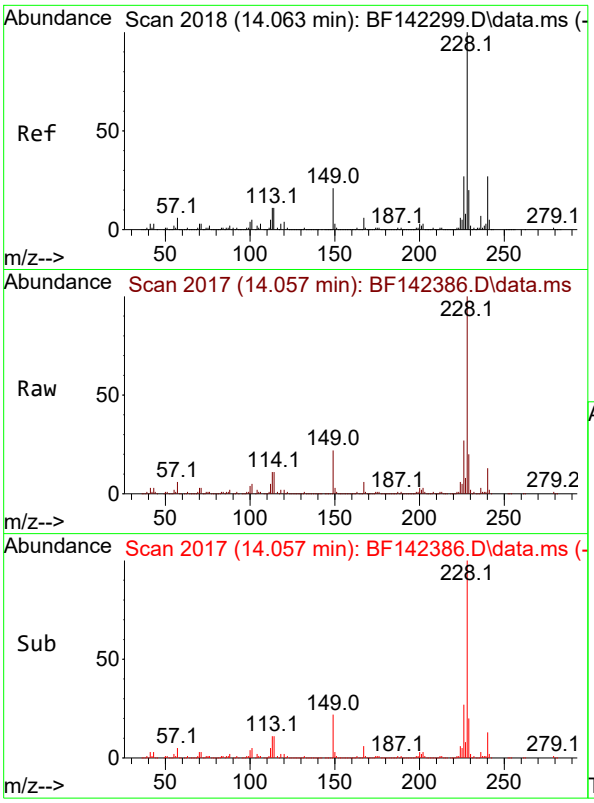


#80
Butylbenzylphthalate
Concen: 48.238 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:149 Resp: 449443

Ion	Ratio	Lower	Upper
149	100		
91	67.1	53.8	80.6
206	21.5	16.6	24.8



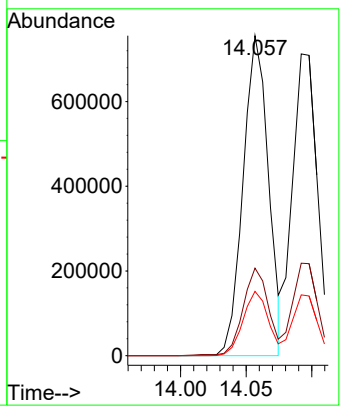


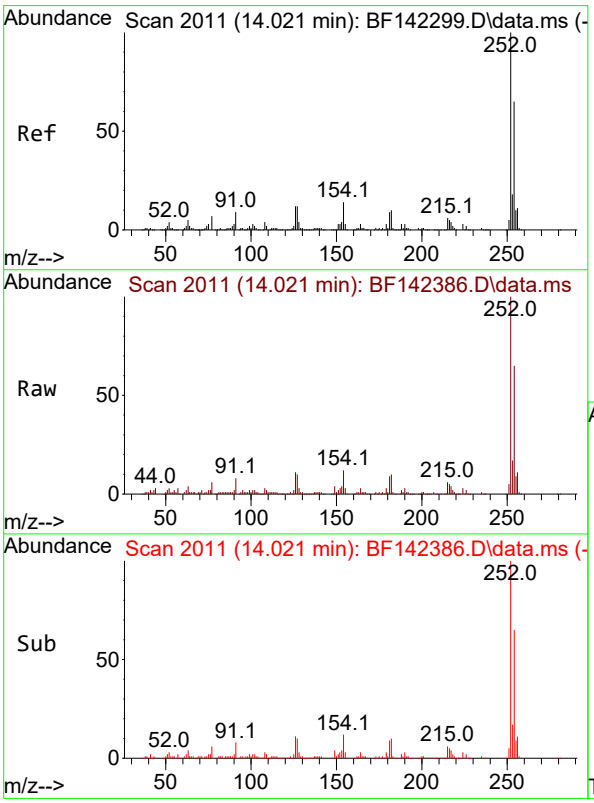
#81
Benzo(a)anthracene
Concen: 43.677 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:228 Resp: 1014145

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.5	32.3
229	20.1	15.9	23.9

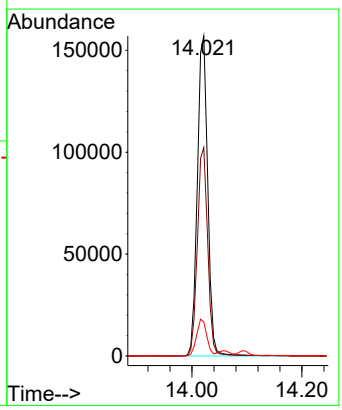


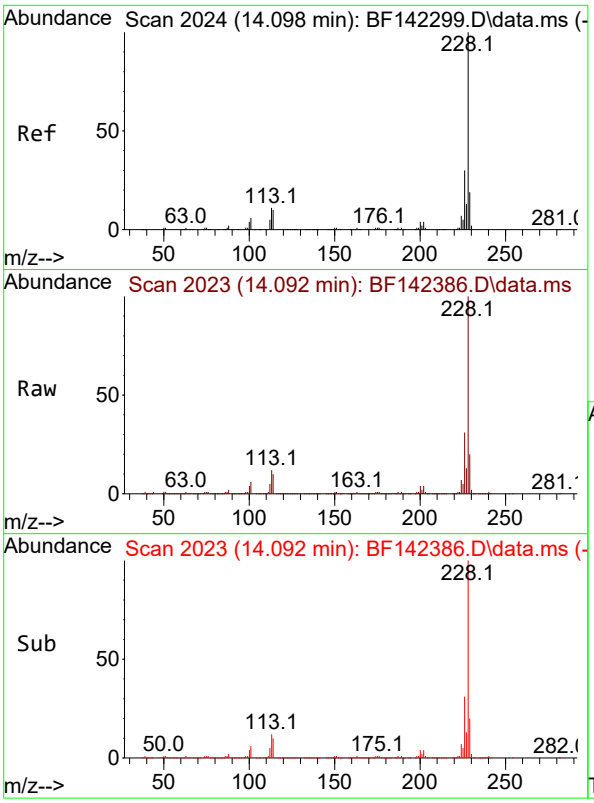


#82
3,3'-Dichlorobenzidine
Concen: 38.327 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:252 Resp: 206951

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.0	78.0
126	10.7	9.7	14.5



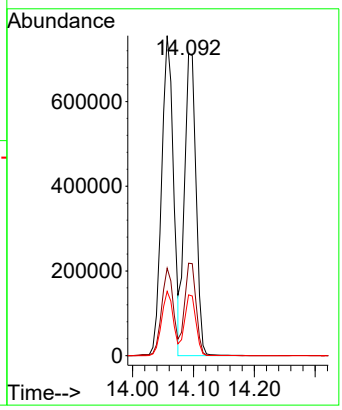


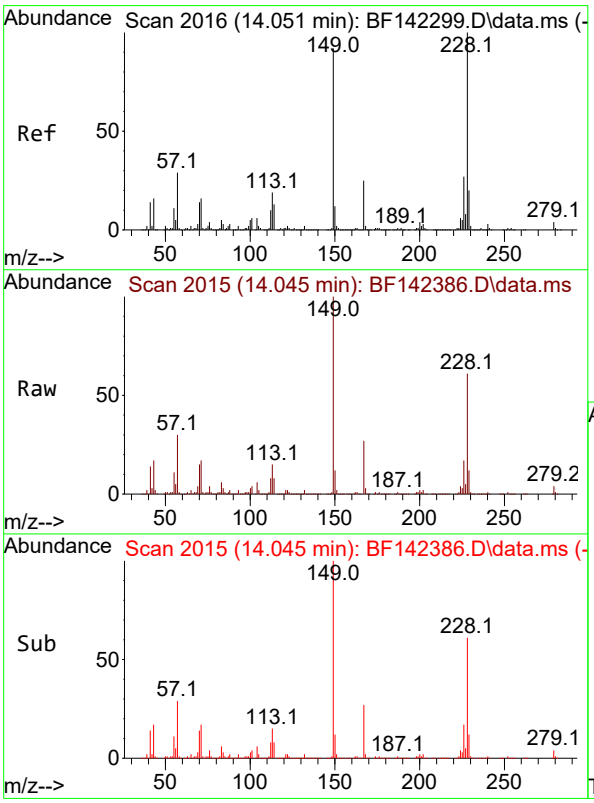
#83
Chrysene
Concen: 43.452 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:228 Resp: 939233

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	20.2	15.4	23.2

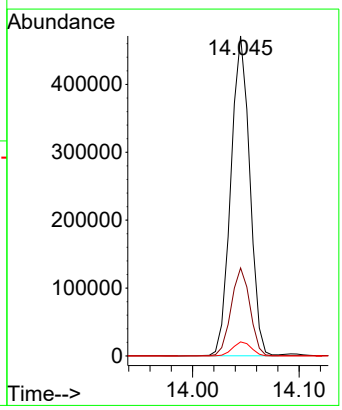


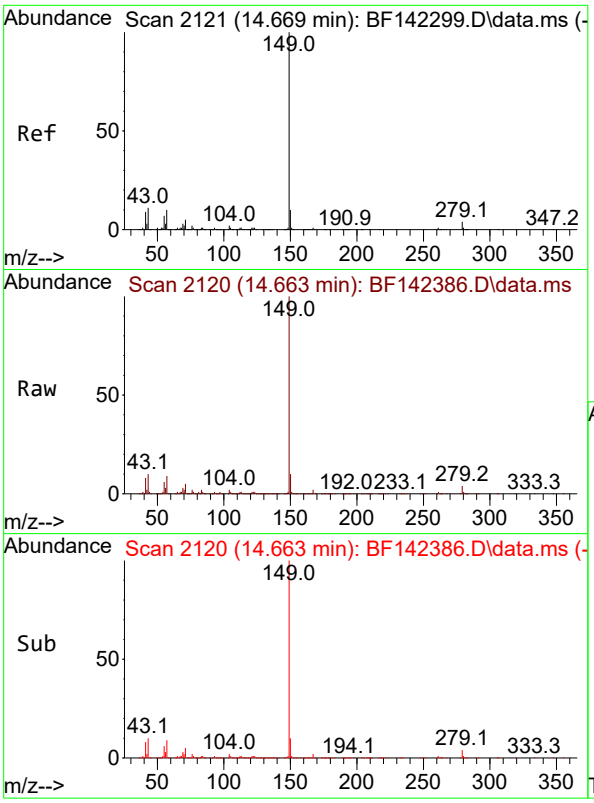


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.979 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:149 Resp: 581894

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.4	3.0	4.6



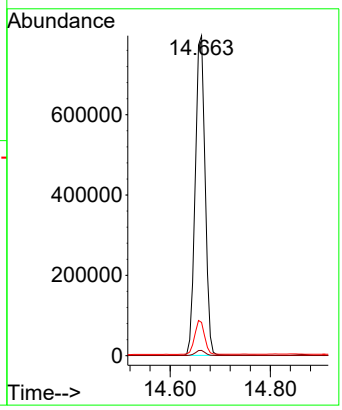


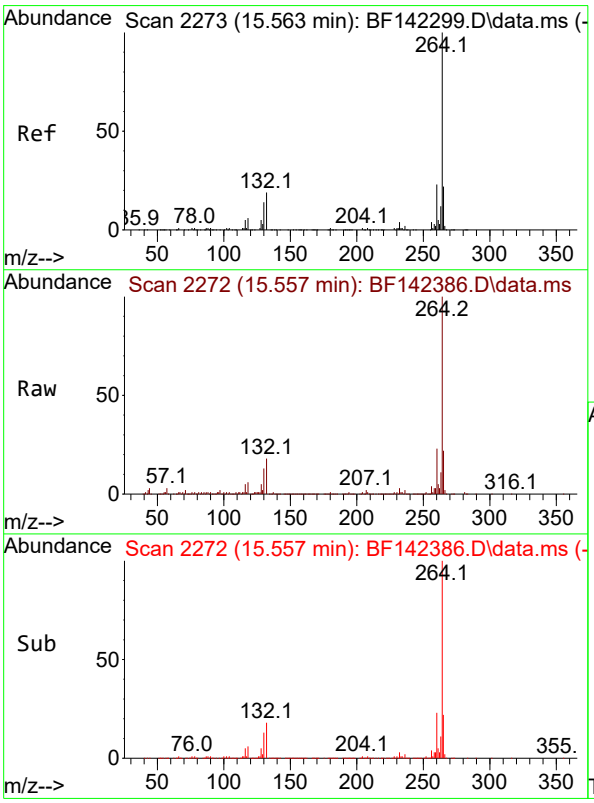
#85
Di-n-octyl phthalate
Concen: 49.196 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:149 Resp: 1080903

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.5	9.2	13.8

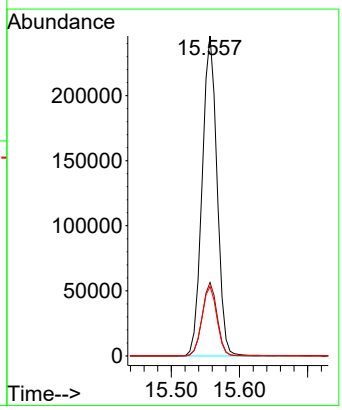


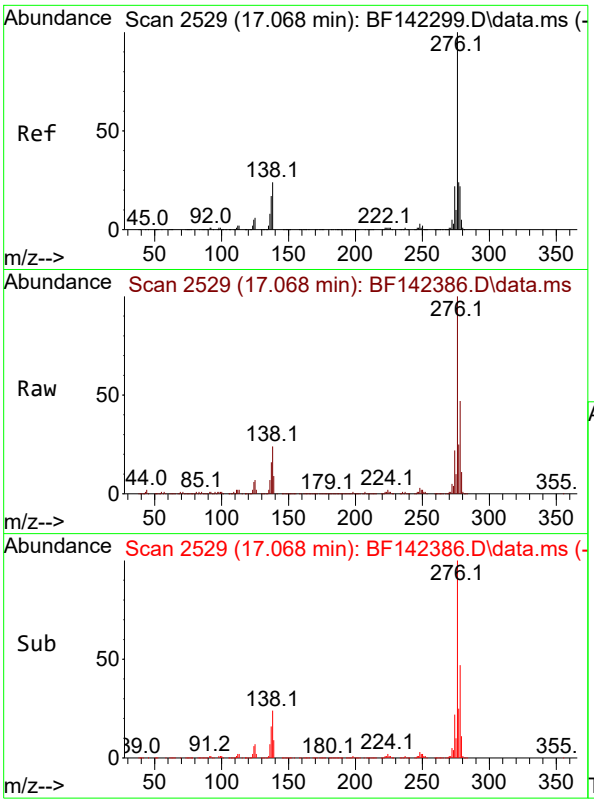


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:264 Resp: 373046

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.7	17.5	26.3



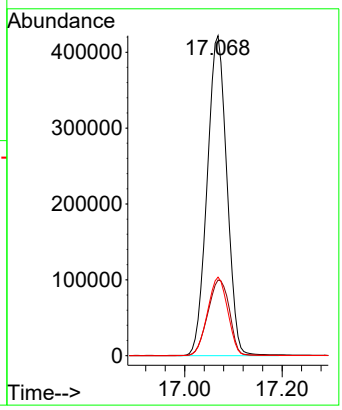


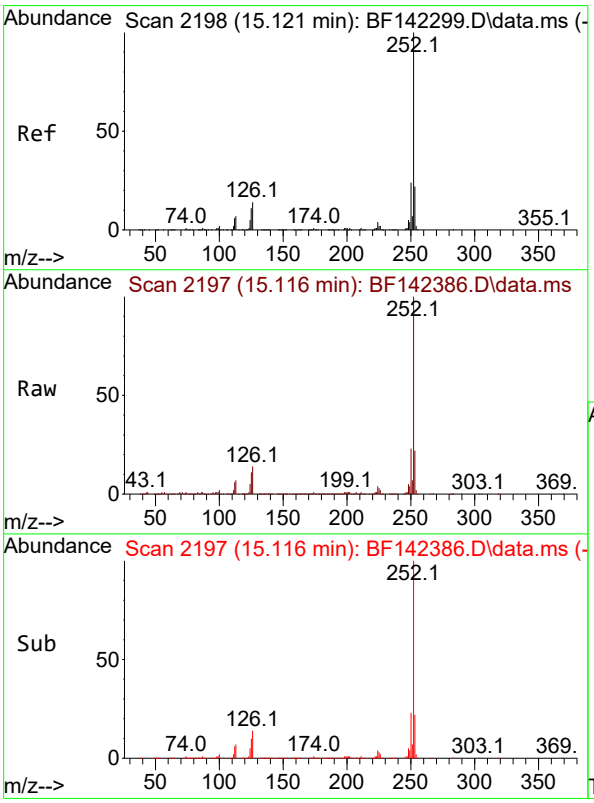
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.630 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:276 Resp: 1184117

Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.0	33.0
277	25.4	20.1	30.1

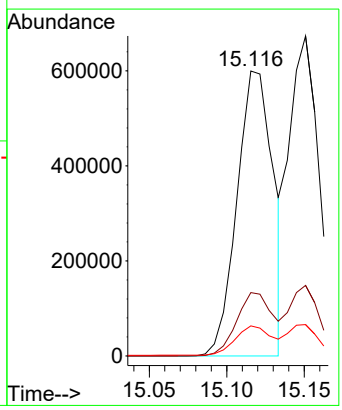


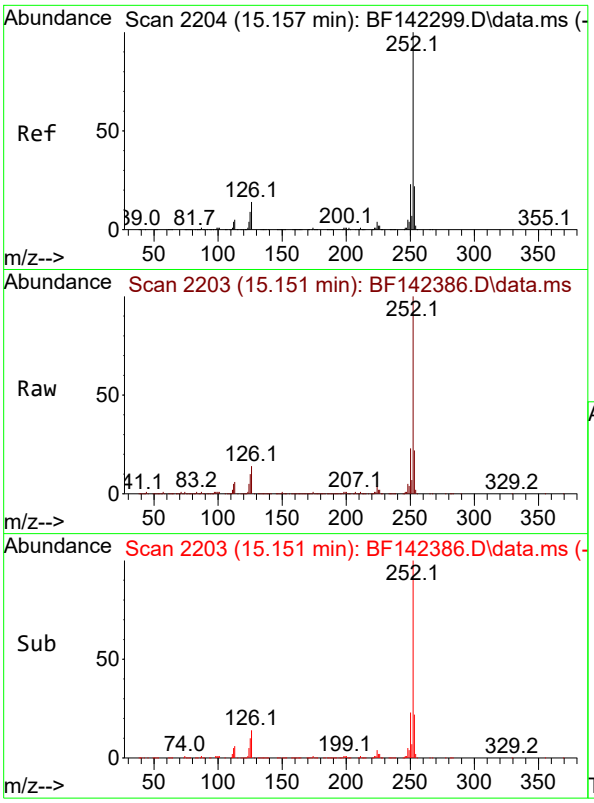


#88
Benzo(b)fluoranthene
Concen: 43.176 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:252 Resp: 975513

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.6	8.7	13.1



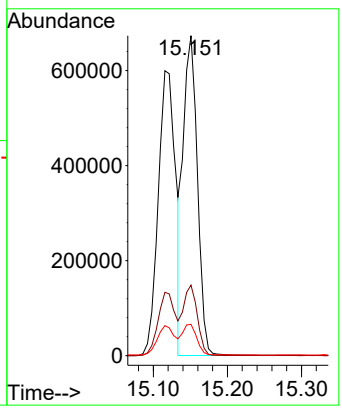


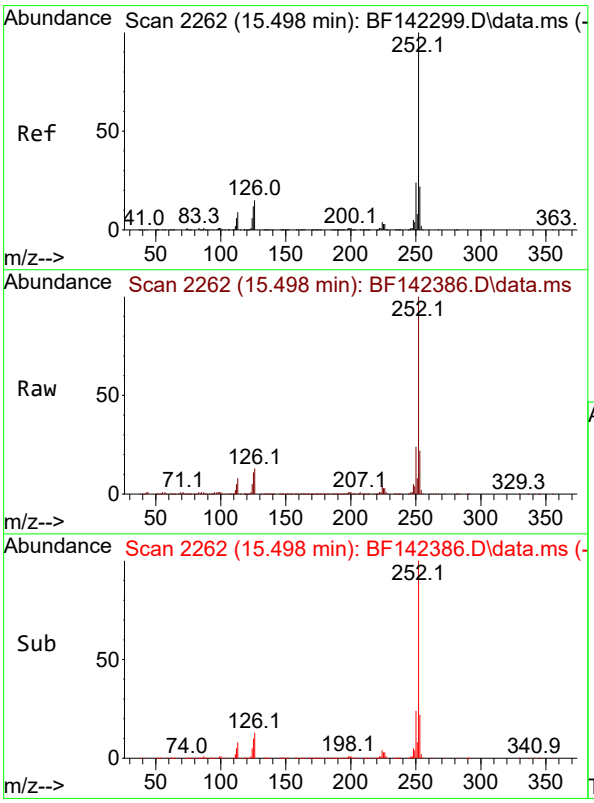
#89
Benzo(k)fluoranthene
Concen: 43.649 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:252 Resp: 902489

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.8	8.1	12.1

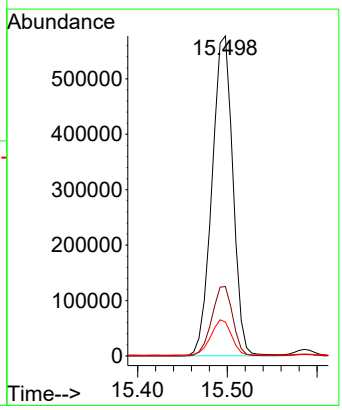


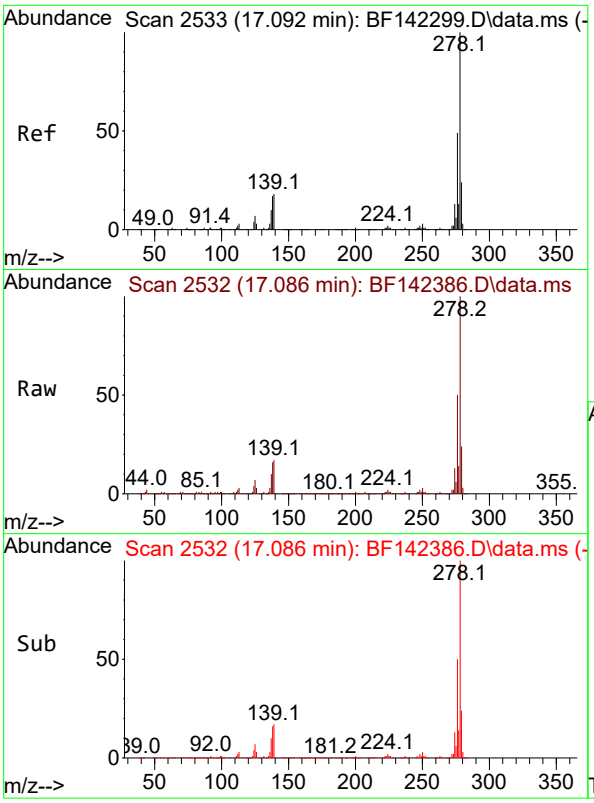


#90
Benzo(a)pyrene
Concen: 46.057 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:252 Resp: 932498

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	9.4	14.0



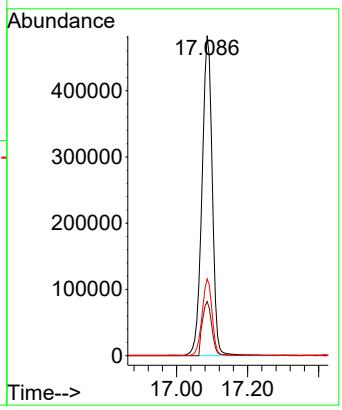


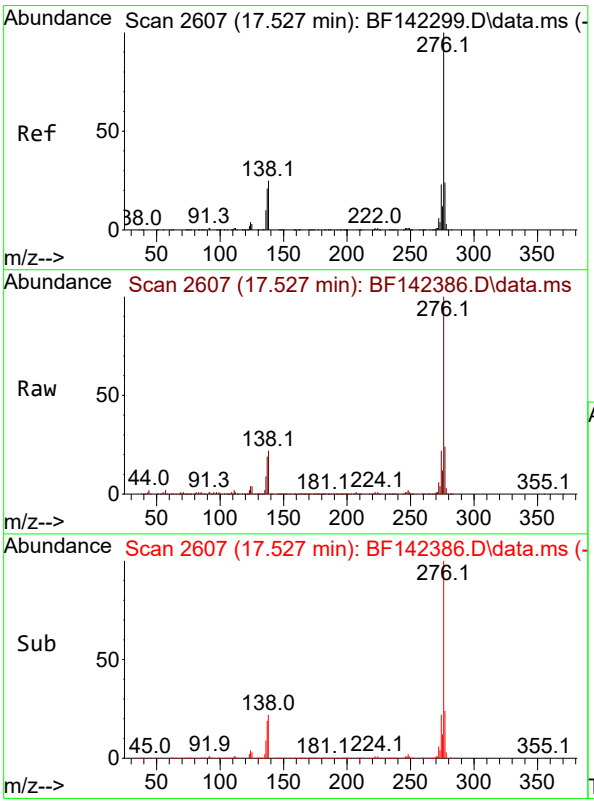
#91
Dibenzo(a,h)anthracene
Concen: 45.433 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:278 Resp: 974032

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.5	21.7
279	24.0	18.9	28.3

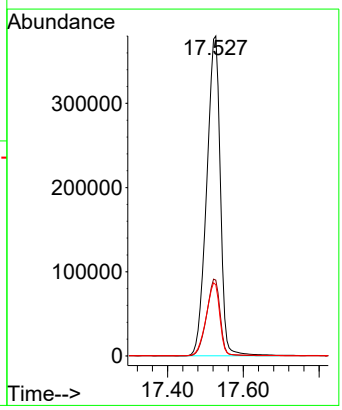




#92
Benzo(g,h,i)perylene
Concen: 44.356 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:276 Resp: 943811

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	22.2	19.8	29.6



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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MS	SDG No.:	Q1993
Lab Sample ID:	Q1993-02MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142388.D	1	05/12/25 08:40	05/15/25 12:18	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	33.4		3.90	10.0	ug/L
108-95-2	Phenol	17.3		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	34.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	37.9		0.58	5.00	ug/L
95-48-7	2-Methylphenol	31.6		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.8		1.30	5.00	ug/L
98-86-2	Acetophenone	42.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	28.4		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.7		1.40	2.50	ug/L
67-72-1	Hexachloroethane	33.9		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.1		0.76	5.00	ug/L
78-59-1	Isophorone	43.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	51.3		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	40.9		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.7		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.9		0.52	5.00	ug/L
91-20-3	Naphthalene	40.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.8		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.9		0.54	5.00	ug/L
105-60-2	Caprolactam	8.70	J	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.9		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	84.3	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.2		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.7		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.5		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	50.5		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	46.3		0.61	5.00	ug/L

Raw Data: **BF142388.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MS	SDG No.:	Q1993
Lab Sample ID:	Q1993-02MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142388.D	1	05/12/25 08:40	05/15/25 12:18	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	43.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	54.9		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	48.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	36.2		2.40	10.0	ug/L
132-64-9	Dibenzofuran	43.1		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	55.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	69.8		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.5		0.68	5.00	ug/L
86-73-7	Fluorene	42.5		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	48.8		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	58.2		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	49.9		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	49.7		0.52	5.00	ug/L
1912-24-9	Atrazine	45.2		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.7		0.50	5.00	ug/L
120-12-7	Anthracene	43.9		0.61	5.00	ug/L
86-74-8	Carbazole	40.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.8		0.82	5.00	ug/L
129-00-0	Pyrene	39.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	54.6		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	41.2		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.45	5.00	ug/L
218-01-9	Chrysene	45.6		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	55.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.4		0.49	5.00	ug/L

Raw Data: **BF142388.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MS	SDG No.:	Q1993
Lab Sample ID:	Q1993-02MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142388.D	1	05/12/25 08:40	05/15/25 12:18	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	46.4		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.3		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	39.9		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	37.7		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	17.3		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.8		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	41.3		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.9		49 - 133	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.0		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	68.2		48 - 125	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	6.904			
1146-65-2	Naphthalene-d8	662000	8.187			
15067-26-2	Acenaphthene-d10	349000	9.939			
1517-22-2	Phenanthrene-d10	538000	11.428			
1719-03-5	Chrysene-d12	310000	14.069			
1520-96-3	Perylene-d12	368000	15.557			

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\BF051525\
Data File : BF142388.D
Acq On : 15 May 2025 12:18
Operator : RC/JU
Sample : Q1993-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Quant Time: May 15 13:13:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	172758	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	661579	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	349080	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	537648	20.000	ng		0.00
76) Chrysene-d12	14.069	240	310239	20.000	ng		0.00
86) Perylene-d12	15.557	264	367976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	645246	63.759	ng		0.00
7) Phenol-d6	6.522	99	513718	41.273	ng		0.00
23) Nitrobenzene-d5	7.469	82	932224	85.936	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	464026	137.681	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1860447	75.993	ng		0.00
79) Terphenyl-d14	13.010	244	1429949	68.221	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	78691	17.267	ng		97
3) Pyridine	3.487	79	182339	17.042	ng		98
4) n-Nitrosodimethylamine	3.428	42	115314	18.544	ng		94
6) Aniline	6.563	93	404794	33.156	ng		99
8) 2-Chlorophenol	6.687	128	409681	37.883	ng		97
9) Benzaldehyde	6.451	77	243231	33.388	ng		99
10) Phenol	6.534	94	228634	17.329	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	443232	34.066	ng		97
12) 1,3-Dichlorobenzene	6.846	146	412960	33.378	ng		97
13) 1,4-Dichlorobenzene	6.922	146	422266	33.992	ng		99
14) 1,2-Dichlorobenzene	7.075	146	416285	34.912	ng		99
15) Benzyl Alcohol	7.040	79	272744	33.840	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	753579	38.785	ng		99
17) 2-Methylphenol	7.151	107	276466	31.577	ng		99
18) Hexachloroethane	7.416	117	140013	33.875	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	329104	42.745	ng		97
20) 3+4-Methylphenols	7.304	107	310142	28.383	ng	#	64
22) Acetophenone	7.310	105	629515	42.795	ng		99
24) Nitrobenzene	7.487	77	471629	46.123	ng		96
25) Isophorone	7.722	82	902585	43.939	ng		100
26) 2-Nitrophenol	7.798	139	254589	51.343	ng		99
27) 2,4-Dimethylphenol	7.834	122	422391	40.898	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	563392	42.653	ng		98
29) 2,4-Dichlorophenol	8.040	162	394568	44.936	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	395832	40.057	ng		99
31) Naphthalene	8.210	128	1302962	40.636	ng		100
32) Benzoic acid	7.904	122	88700	21.457	ng		99
33) 4-Chloroaniline	8.251	127	246466m	18.838	ng		
34) Hexachlorobutadiene	8.322	225	227885	38.945	ng		100
35) Caprolactam	8.622	113	22274	8.704	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	372907	40.855	ng		100
37) 2-Methylnaphthalene	8.898	142	848266	42.575	ng		99
38) 1-Methylnaphthalene	8.998	142	875361	42.153	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	424400	43.530	ng		99
41) Hexachlorocyclopentadiene	9.051	237	507870	84.288	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	314642	51.164	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142388.D
Acq On : 15 May 2025 12:18
Operator : RC/JU
Sample : Q1993-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Quant Time: May 15 13:13:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

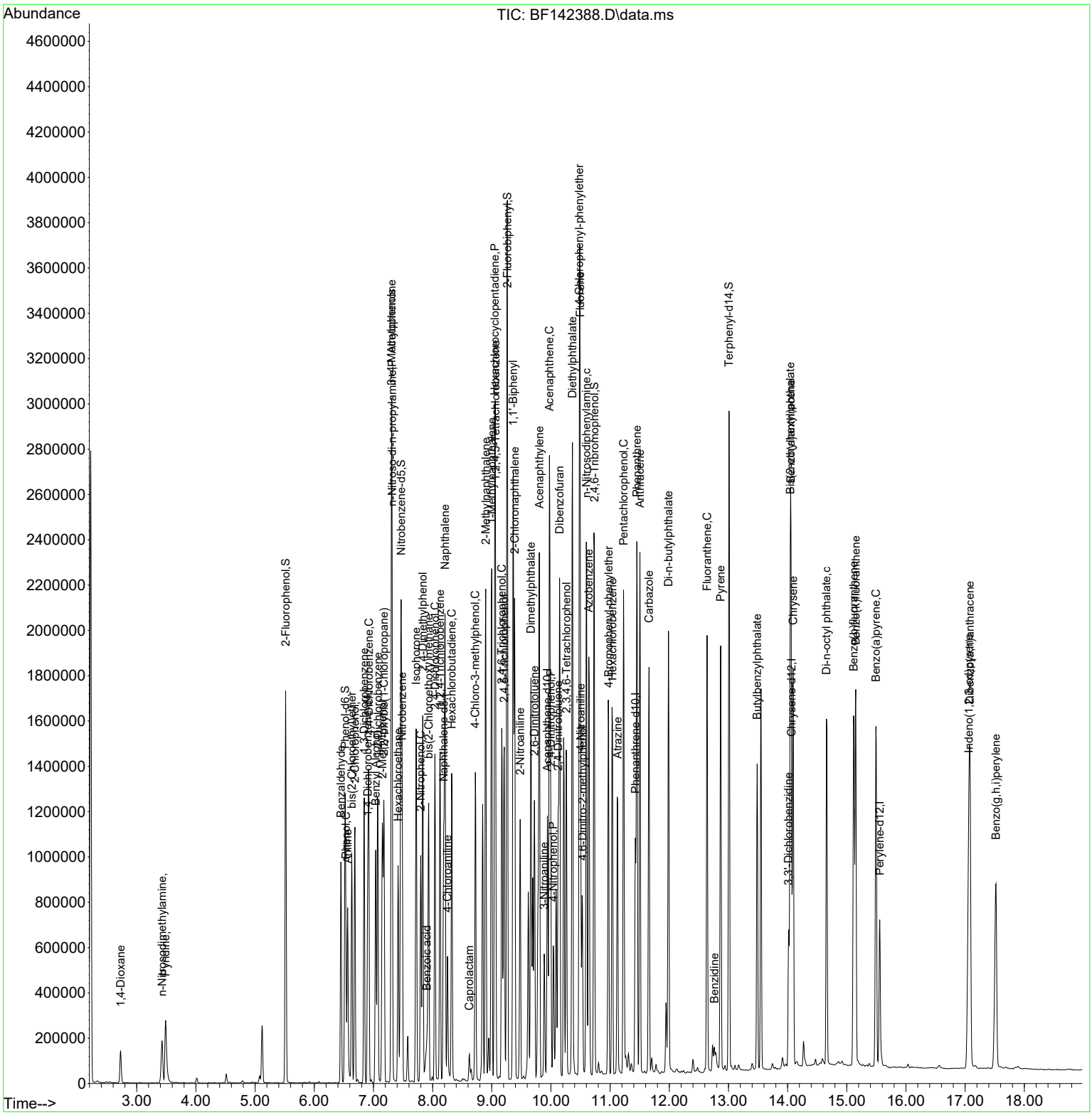
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	304721	46.570	ng		98
46) 1,1'-Biphenyl	9.363	154	1168846	43.670	ng		99
47) 2-Chloronaphthalene	9.387	162	866810	43.548	ng		99
48) 2-Nitroaniline	9.481	65	257479	50.466	ng		91
49) Acenaphthylene	9.804	152	1443735	43.358	ng		100
50) Dimethylphthalate	9.663	163	1038662	46.337	ng		100
51) 2,6-Dinitrotoluene	9.722	165	230553	54.949	ng		89
52) Acenaphthene	9.975	154	963224	48.109	ng		98
53) 3-Nitroaniline	9.886	138	127310	25.872	ng		95
54) 2,4-Dinitrophenol	9.998	184	242565	107.582	ng	#	1
55) Dibenzofuran	10.145	168	1273696	43.106	ng		99
56) 4-Nitrophenol	10.039	139	134214	36.240	ng		97
57) 2,4-Dinitrotoluene	10.122	165	300847	55.899	ng		96
58) Fluorene	10.492	166	958116	42.489	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	262685	48.631	ng		97
60) Diethylphthalate	10.363	149	1563487	69.844	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	484239	44.510	ng		99
62) 4-Nitroaniline	10.504	138	190164	48.759	ng		100
63) Azobenzene	10.639	77	940653	43.974	ng		99
65) 4,6-Dinitro-2-methylph...	10.534	198	150445	58.228	ng		93
66) n-Nitrosodiphenylamine	10.598	169	859278	48.029	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	304081	49.904	ng		95
68) Hexachlorobenzene	11.039	284	333282	49.725	ng		94
69) Atrazine	11.128	200	213276	45.223	ng		99
70) Pentachlorophenol	11.228	266	371808	105.447	ng		99
71) Phenanthrene	11.451	178	1258546	44.657	ng		100
72) Anthracene	11.504	178	1270435	43.873	ng		100
73) Carbazole	11.657	167	1049104	40.382	ng		99
74) Di-n-butylphthalate	11.986	149	1375619	50.356	ng		100
75) Fluoranthene	12.639	202	1121887	39.823	ng		99
77) Benzidine	12.763	184	62808	11.140	ng		97
78) Pyrene	12.869	202	1088440	39.416	ng		99
80) Butylbenzylphthalate	13.486	149	444086	54.564	ng		98
81) Benzo(a)anthracene	14.057	228	928873	46.232	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	192303	41.159	ng		98
83) Chrysene	14.092	228	851984	45.552	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	604179	56.725	ng		100
85) Di-n-octyl phthalate	14.657	149	1077874	55.501	ng		97
87) Indeno(1,2,3-cd)pyrene	17.063	276	1032531	40.337	ng		98
88) Benzo(b)fluoranthene	15.116	252	1033127	46.356	ng		99
89) Benzo(k)fluoranthene	15.151	252	946000	46.383	ng		99
90) Benzo(a)pyrene	15.492	252	974319	48.786	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	842856	39.856	ng		99
92) Benzo(g,h,i)perylene	17.521	276	790907	37.682	ng		98

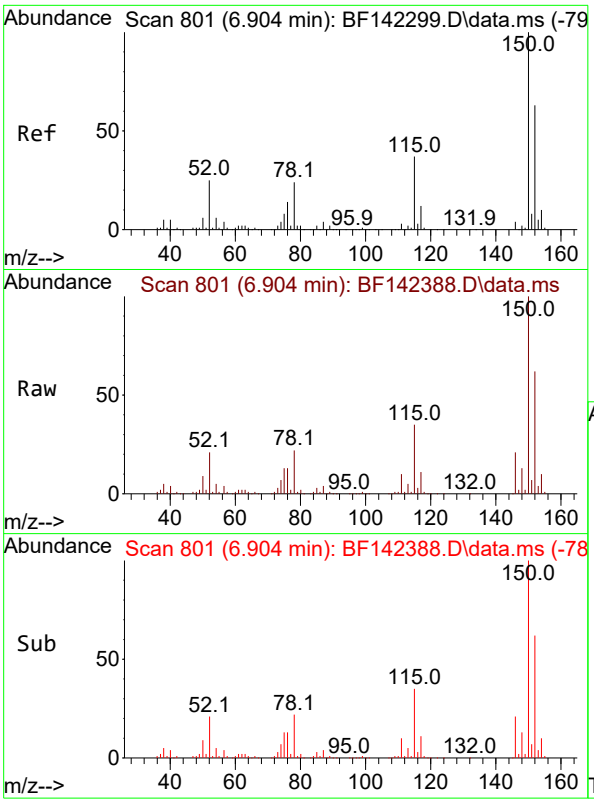
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142388.D
Acq On : 15 May 2025 12:18
Operator : RC/JU
Sample : Q1993-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Quant Time: May 15 13:13:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



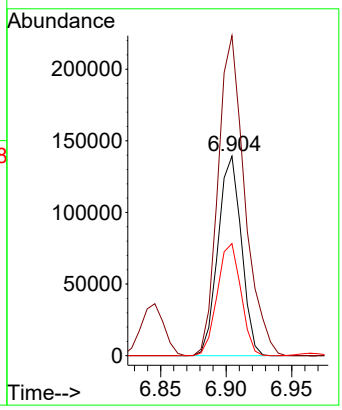


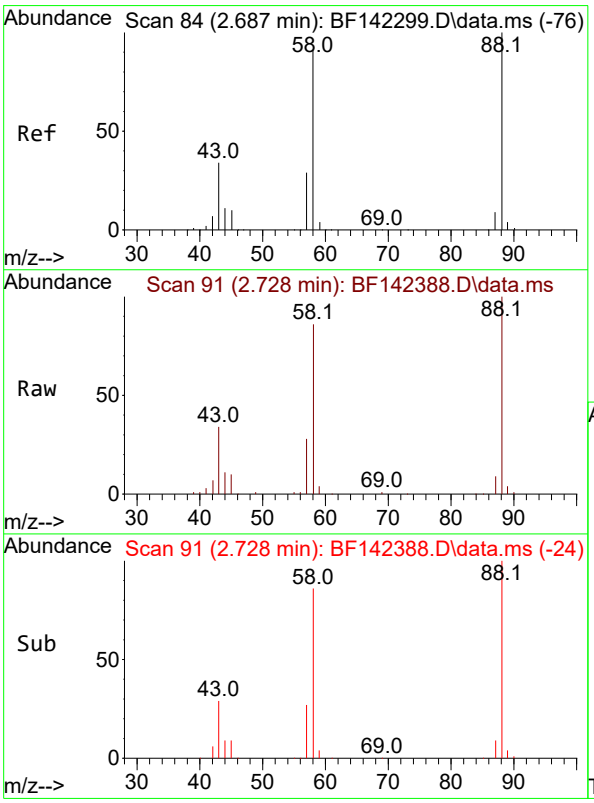
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:152 Resp: 172758

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	190.0
115	56.2	47.3	70.9

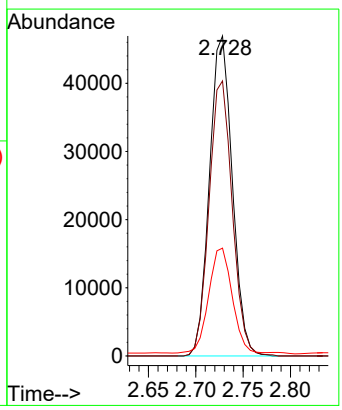


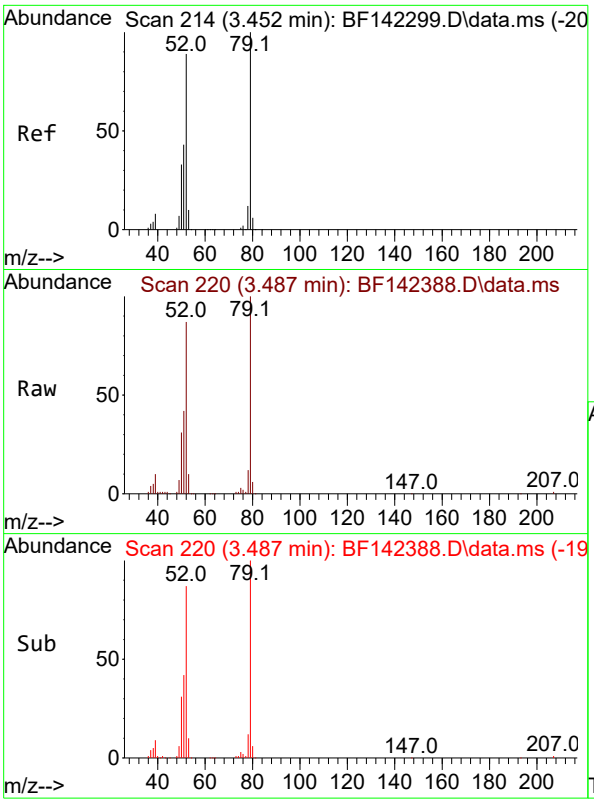


#2
1,4-Dioxane
Concen: 17.267 ng
RT: 2.728 min Scan# 91
Delta R.T. 0.041 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 88 Resp: 78691

Ion	Ratio	Lower	Upper
88	100		
58	87.3	73.0	109.4
43	33.6	27.8	41.6



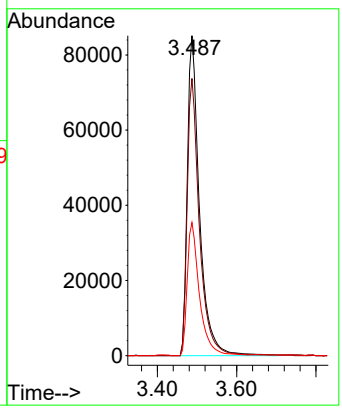


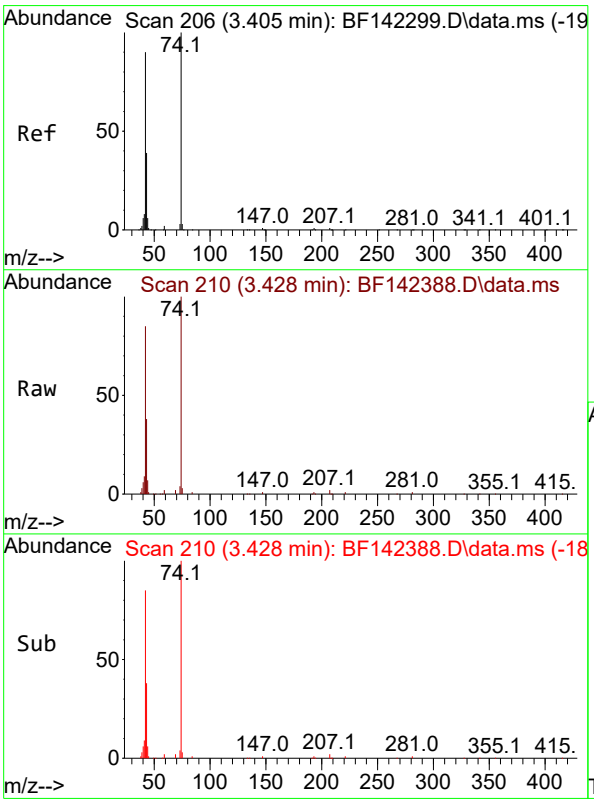
#3
Pyridine
Concen: 17.042 ng
RT: 3.487 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 79 Resp: 182339

Ion	Ratio	Lower	Upper
79	100		
52	86.6	71.0	106.4
51	41.6	34.9	52.3

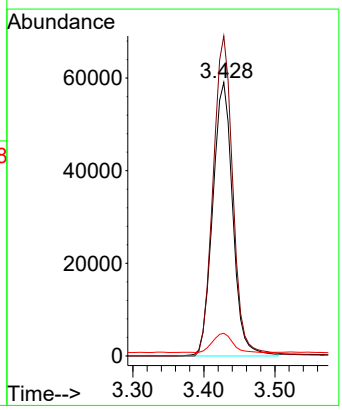


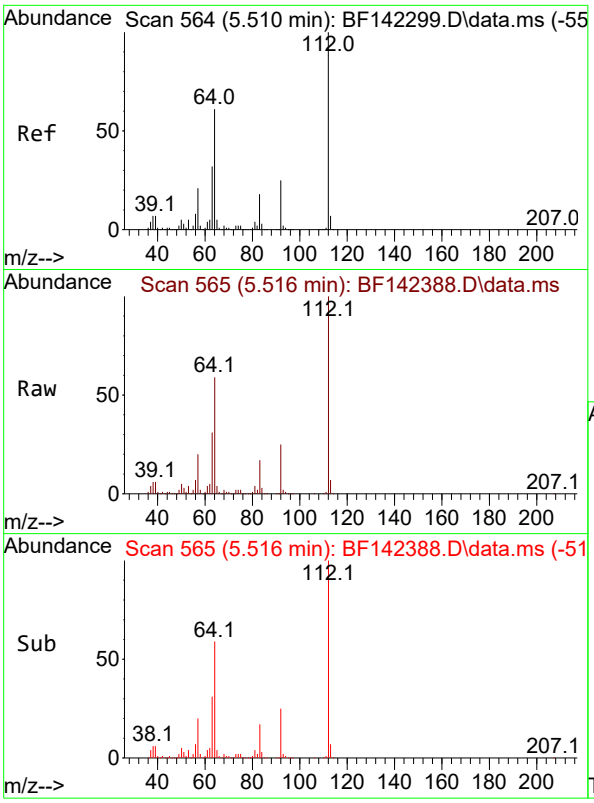


#4
n-Nitrosodimethylamine
Concen: 18.544 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.024 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 42 Resp: 115314

Ion	Ratio	Lower	Upper
42	100		
74	117.0	88.5	132.7
44	8.3	5.8	8.8



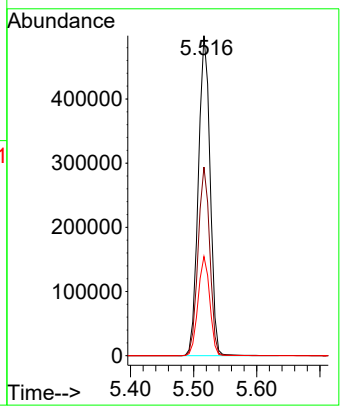


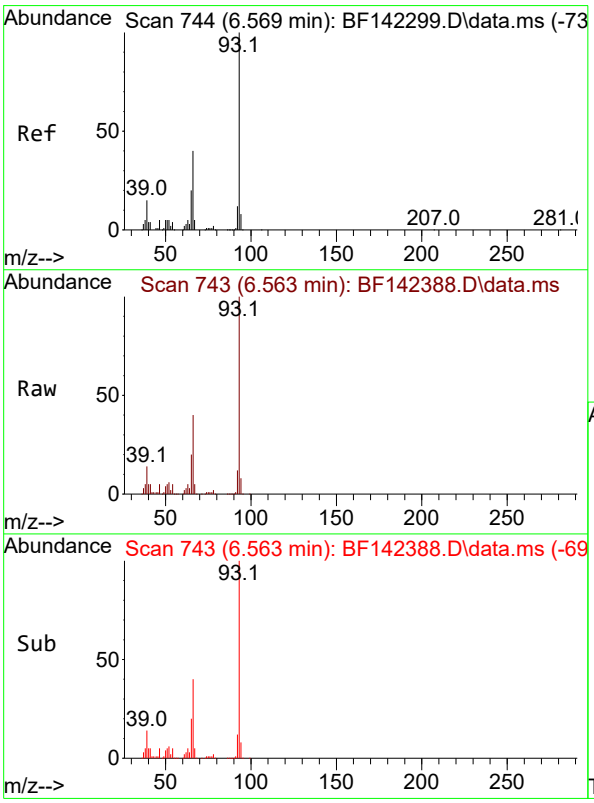
#5
2-Fluorophenol
Concen: 63.759 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:112 Resp: 645246

Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.9	73.3
63	31.0	25.6	38.4

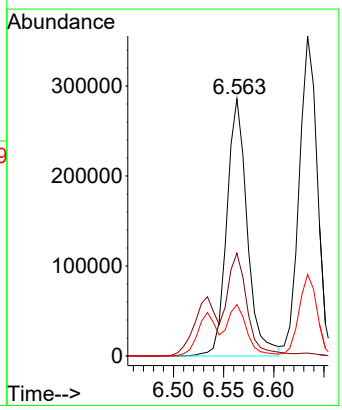


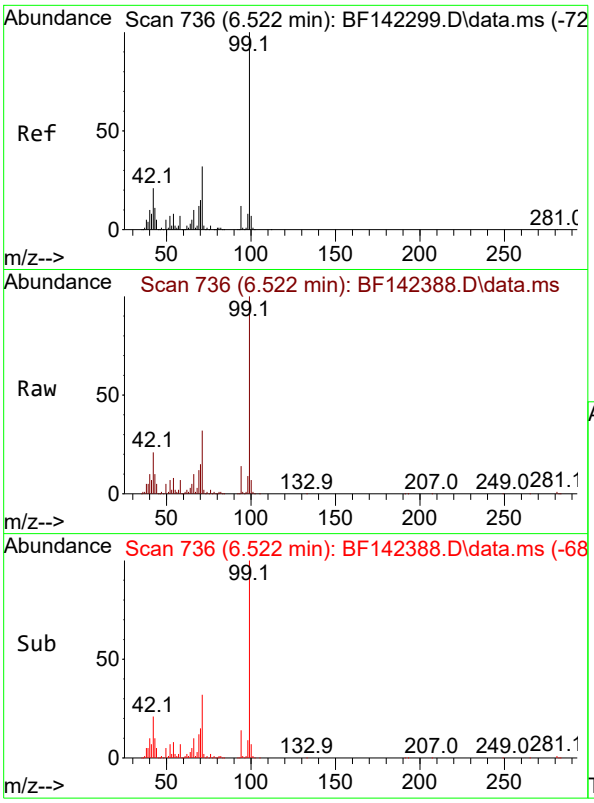


#6
Aniline
Concen: 33.156 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 93 Resp: 404794

Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.2	48.4
65	20.0	16.3	24.5



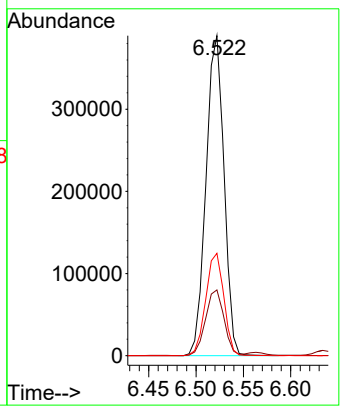


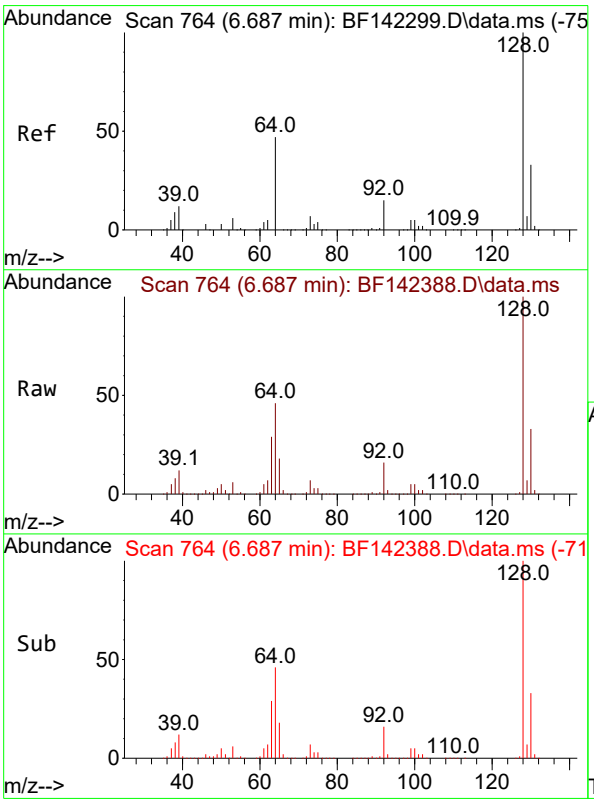
#7
Phenol-d6
Concen: 41.273 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 99 Resp: 513718

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.0	25.4
71	32.0	25.8	38.8

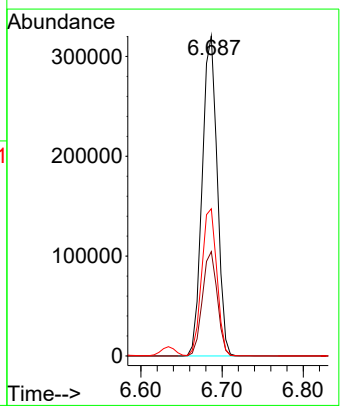


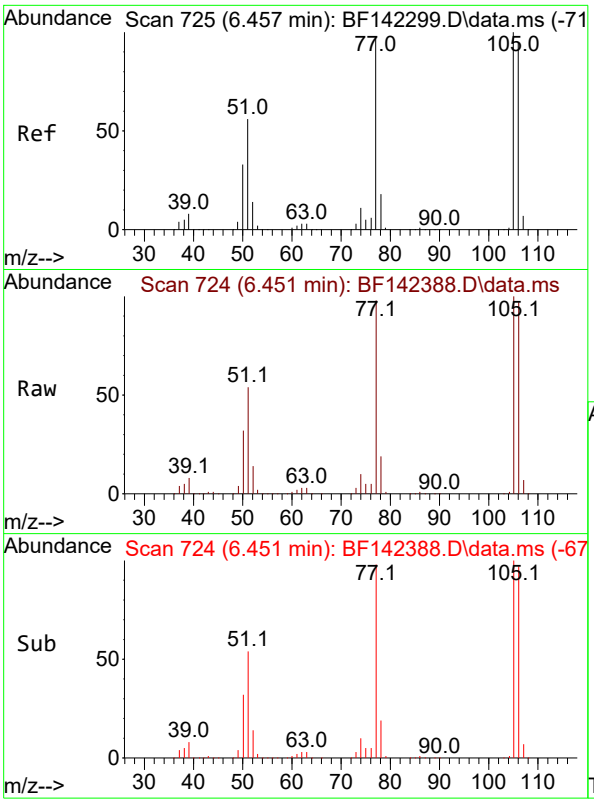


#8
2-Chlorophenol
Concen: 37.883 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:128 Resp: 409681

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	46.0	29.2	69.2



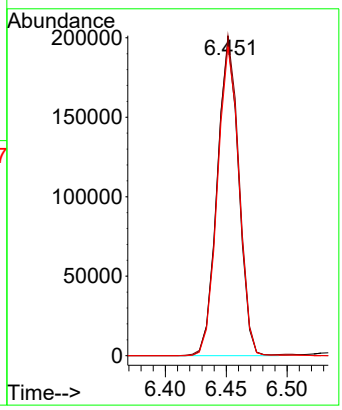


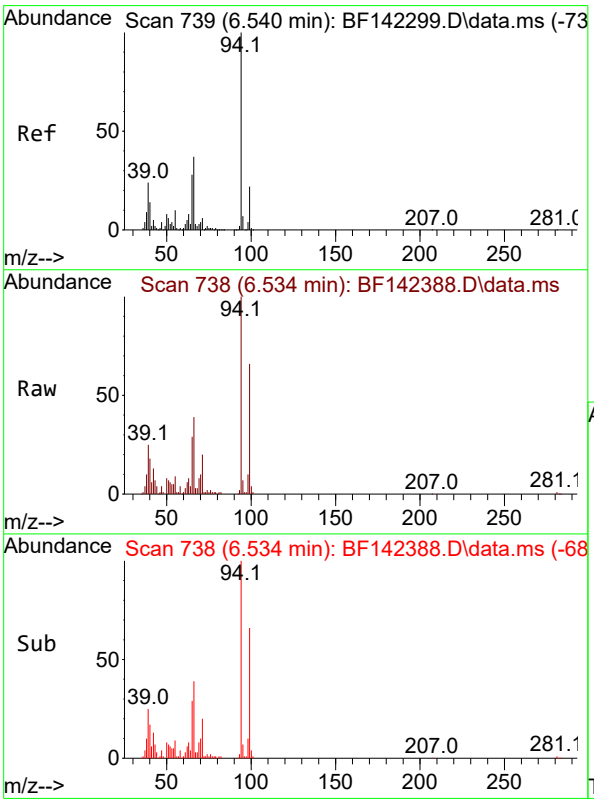
#9
Benzaldehyde
Concen: 33.388 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 77 Resp: 243231

Ion	Ratio	Lower	Upper
77	100		
105	101.6	82.0	122.0
106	98.1	77.2	117.2

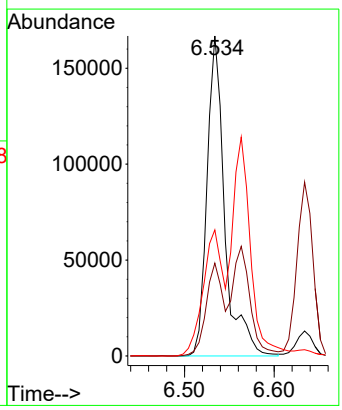


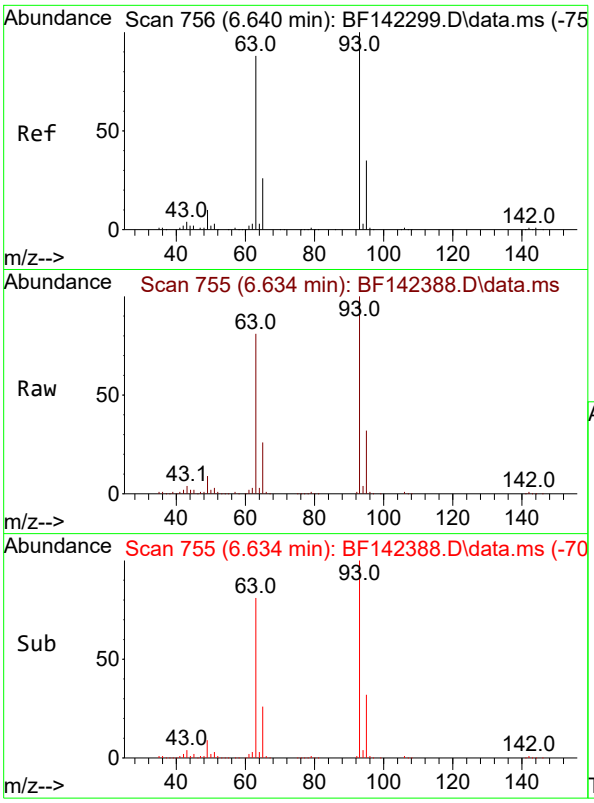


#10
Phenol
Concen: 17.329 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 94 Resp: 228634

Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.5	48.5
66	39.4	17.3	57.3



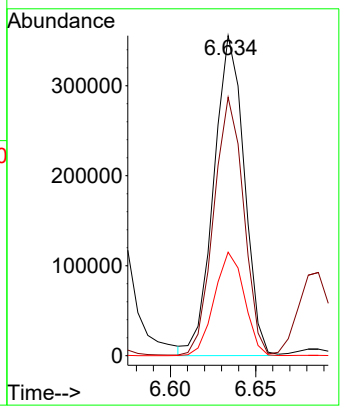


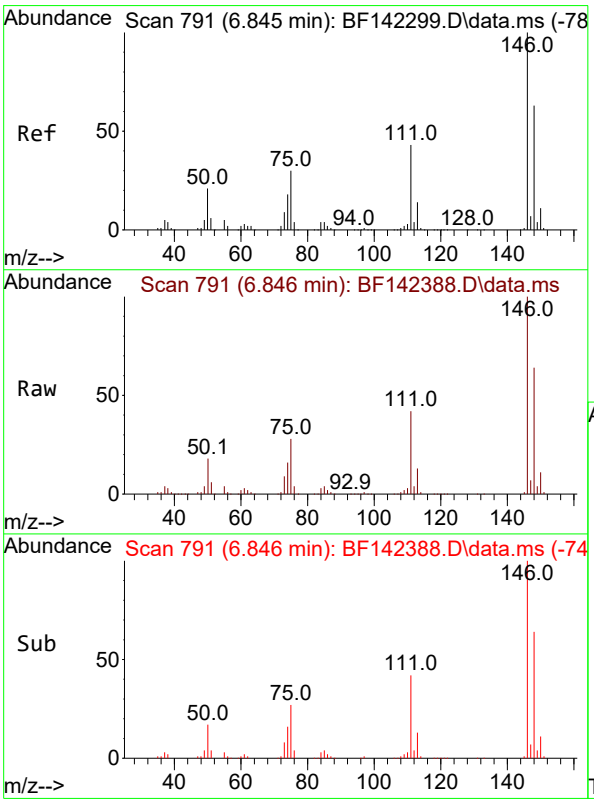
#11
bis(2-Chloroethyl)ether
Concen: 34.066 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 93 Resp: 443232

Ion	Ratio	Lower	Upper
93	100		
63	80.7	58.4	98.4
95	32.4	10.6	50.6

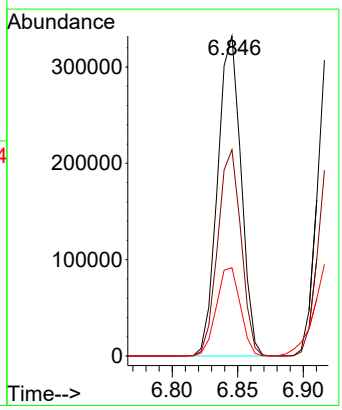


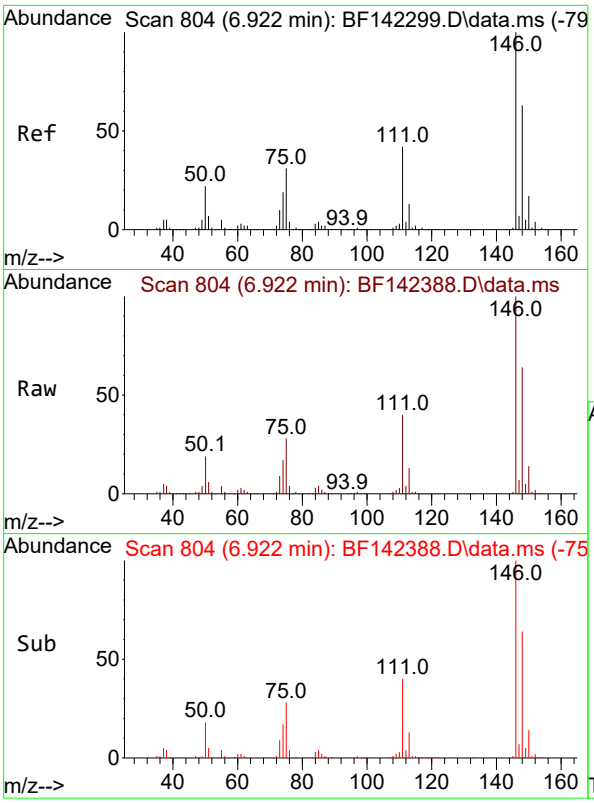


#12
1,3-Dichlorobenzene
Concen: 33.378 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:146 Resp: 412960

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
75	27.6	24.2	36.4



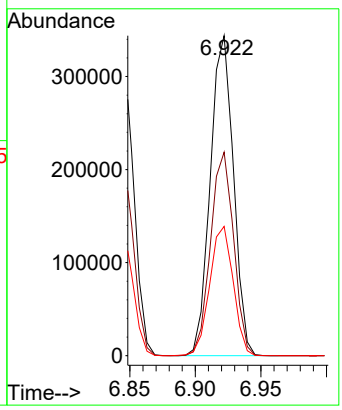


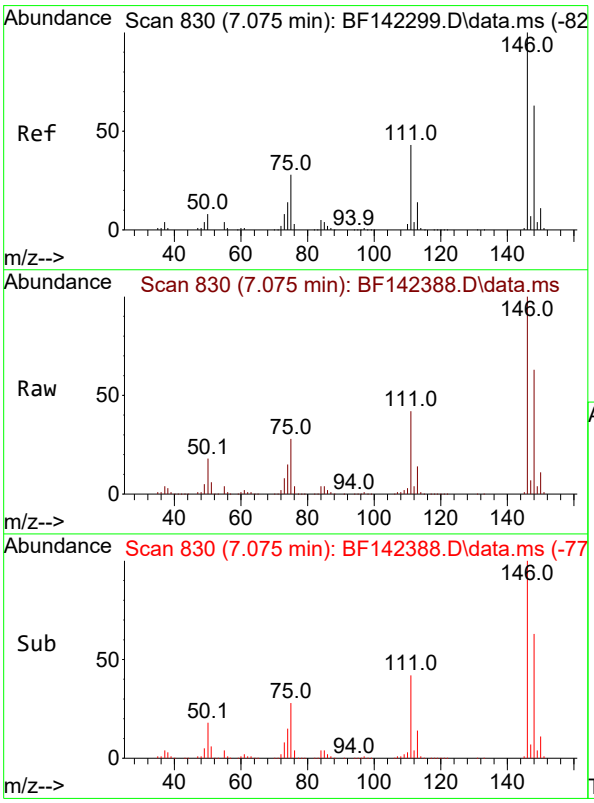
#13
1,4-Dichlorobenzene
Concen: 33.992 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:146 Resp: 422266

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
111	40.4	33.4	50.2

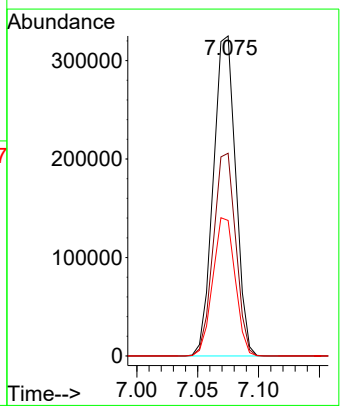


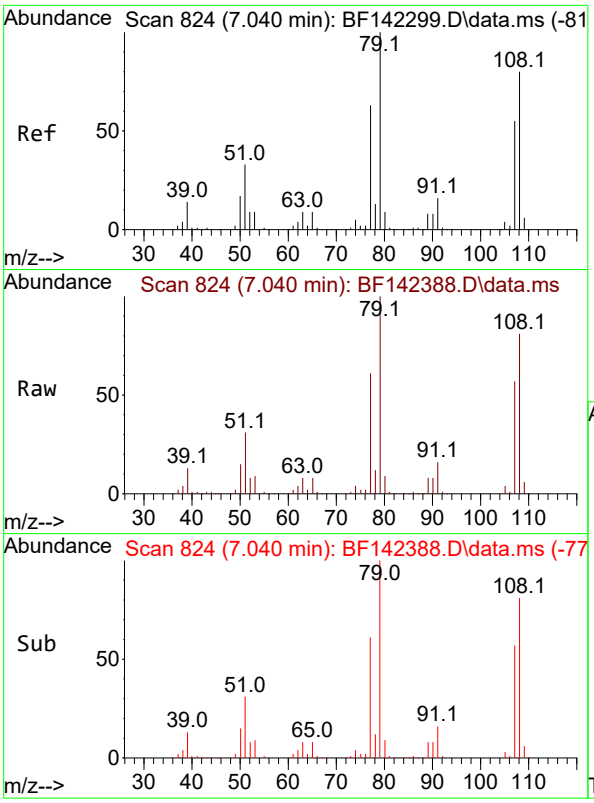


#14
1,2-Dichlorobenzene
Concen: 34.912 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:146 Resp: 416285

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
111	42.3	34.5	51.7



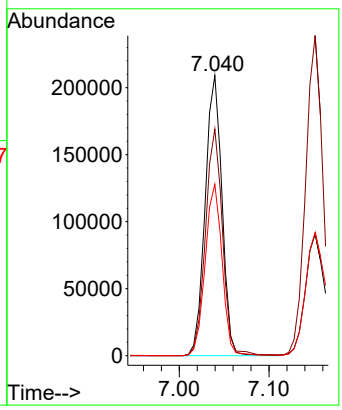


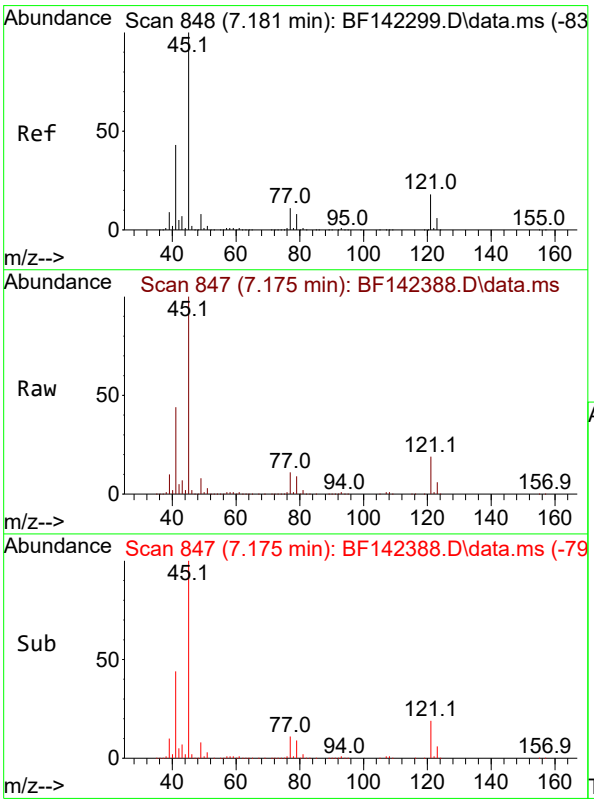
#15
Benzyl Alcohol
Concen: 33.840 ng
RT: 7.040 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 79 Resp: 272744

Ion	Ratio	Lower	Upper
79	100		
108	81.0	63.9	95.9
77	61.2	50.7	76.1

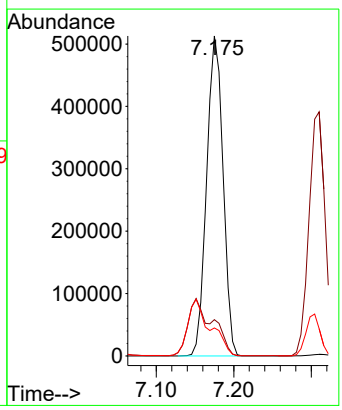


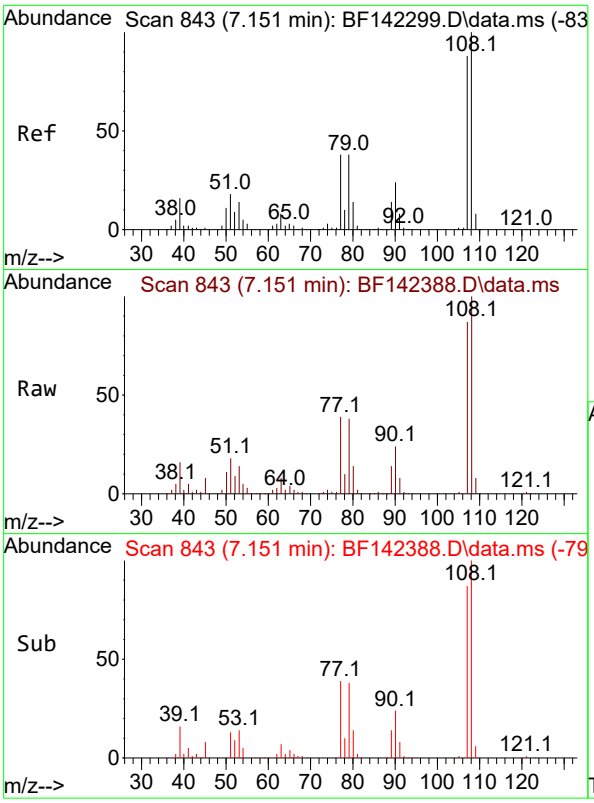


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.785 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 45 Resp: 753579

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.8	0.0	28.5



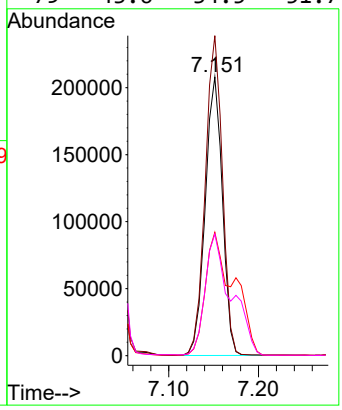


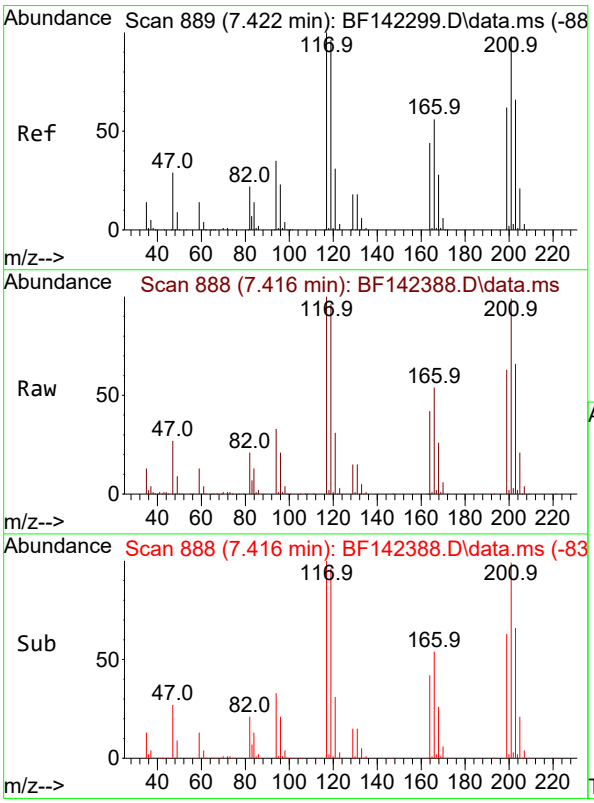
#17
2-Methylphenol
Concen: 31.577 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:107 Resp: 276466

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.1	136.7
77	44.2	34.7	52.1
79	43.6	34.5	51.7

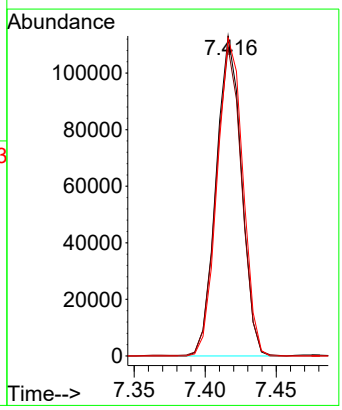


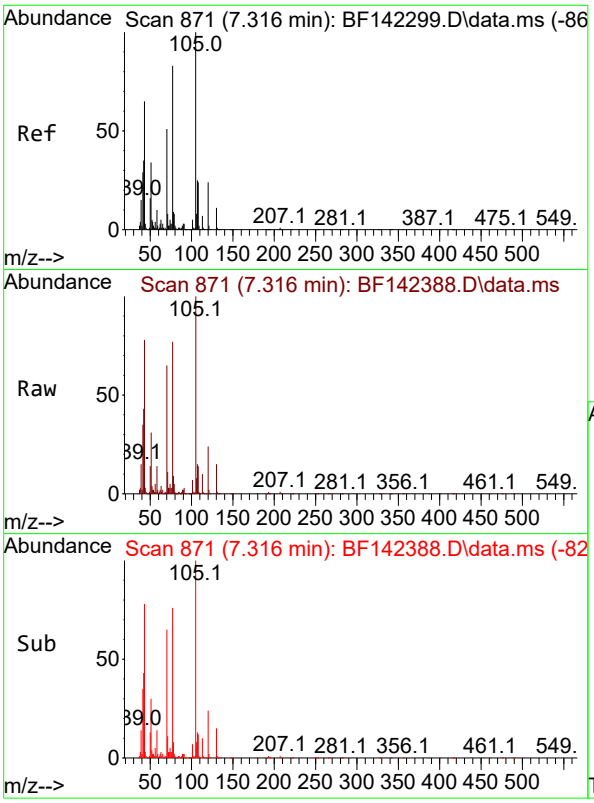


#18
Hexachloroethane
Concen: 33.875 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:117 Resp: 140013

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	99.4	78.0	117.0



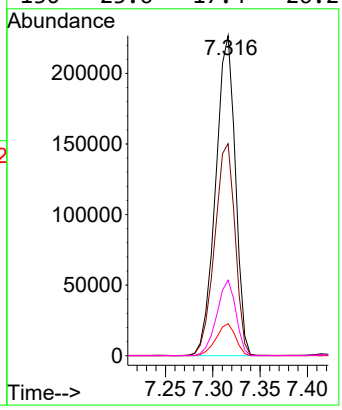


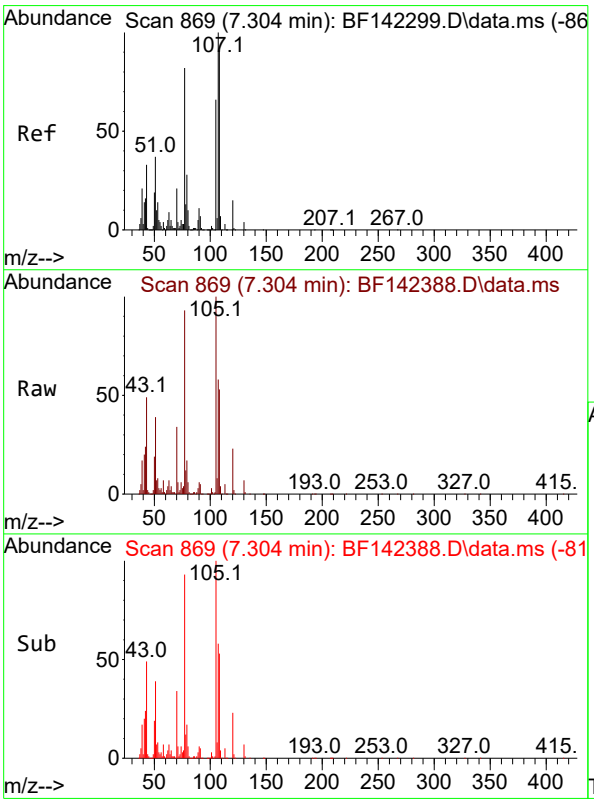
#19
n-Nitroso-di-n-propylamine
Concen: 42.745 ng
RT: 7.316 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 70 Resp: 329104

Ion	Ratio	Lower	Upper
70	100		
42	66.3	54.8	82.2
101	10.0	7.7	11.5
130	23.6	17.4	26.2

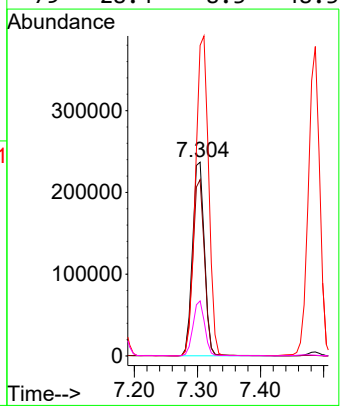


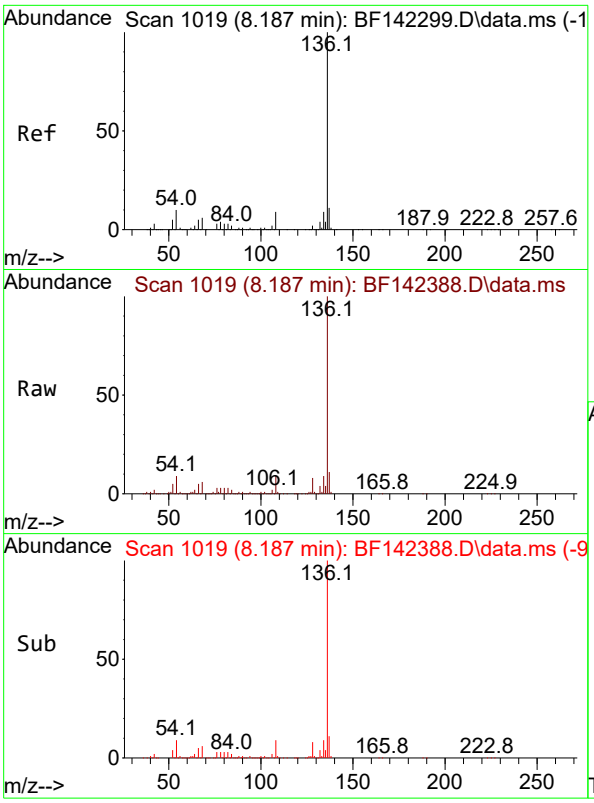


#20
3+4-Methylphenols
Concen: 28.383 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:107 Resp: 310142

Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.5	111.5
77	160.3	61.6	101.6#
79	28.4	8.3	48.3



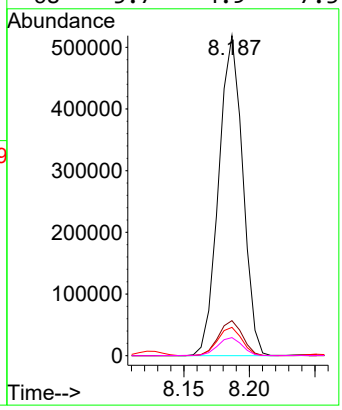


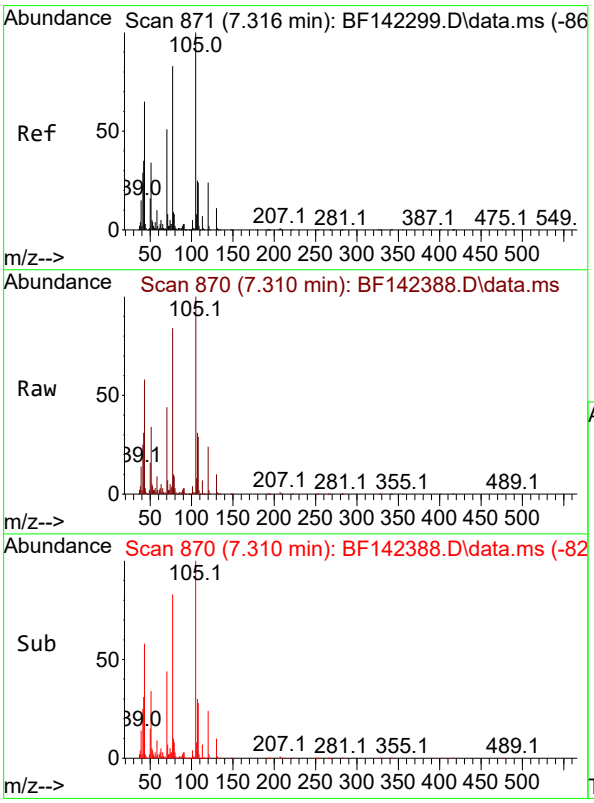
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:136 Resp: 661579

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	7.7	11.5
68	5.7	4.9	7.3

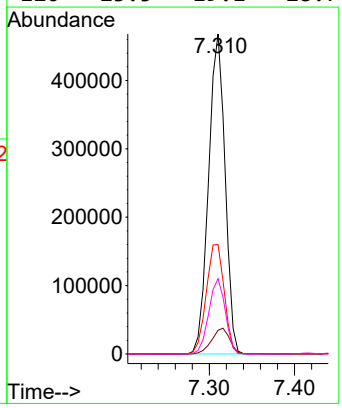


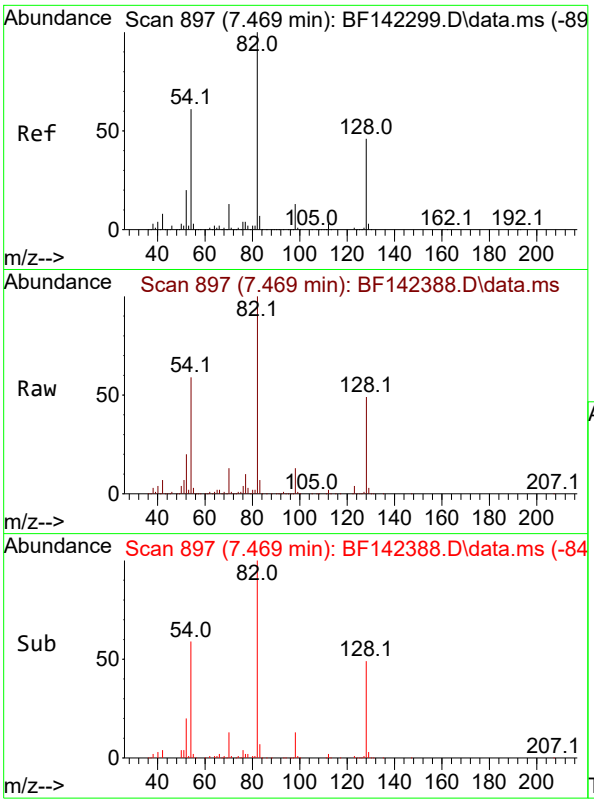


#22
Acetophenone
Concen: 42.795 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:105 Resp: 629515

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.7	10.1
51	34.2	27.6	41.4
120	23.5	19.1	28.7



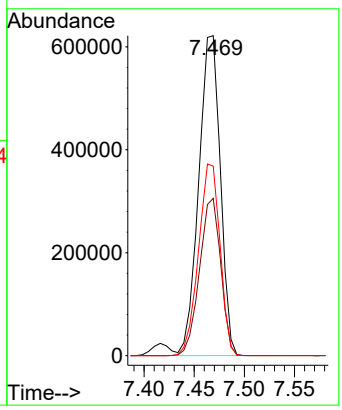


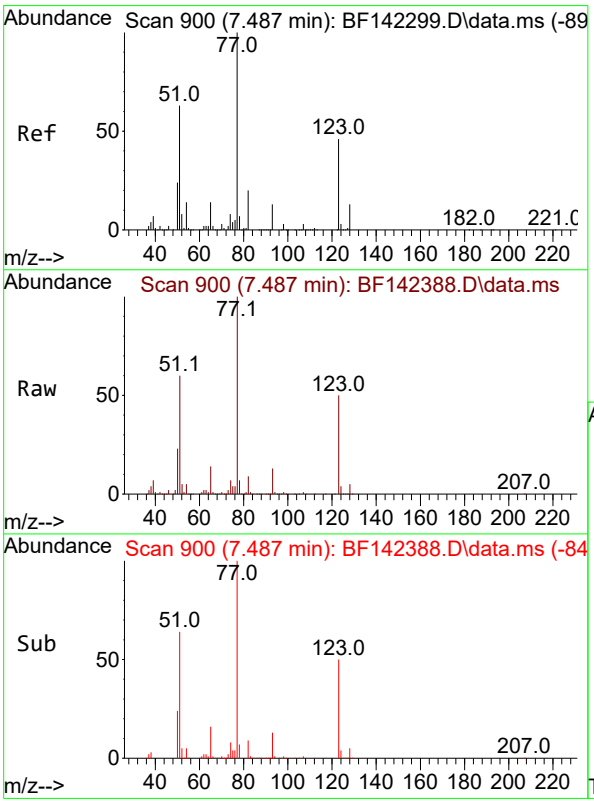
#23
Nitrobenzene-d5
Concen: 85.936 ng
RT: 7.469 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 82 Resp: 932224

Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.0	55.6
54	59.3	48.6	73.0

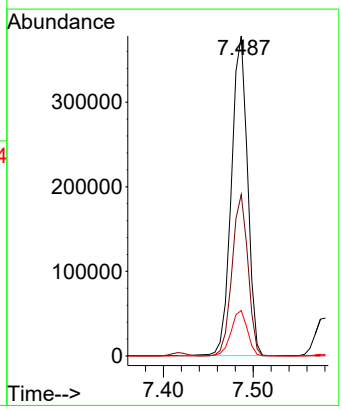


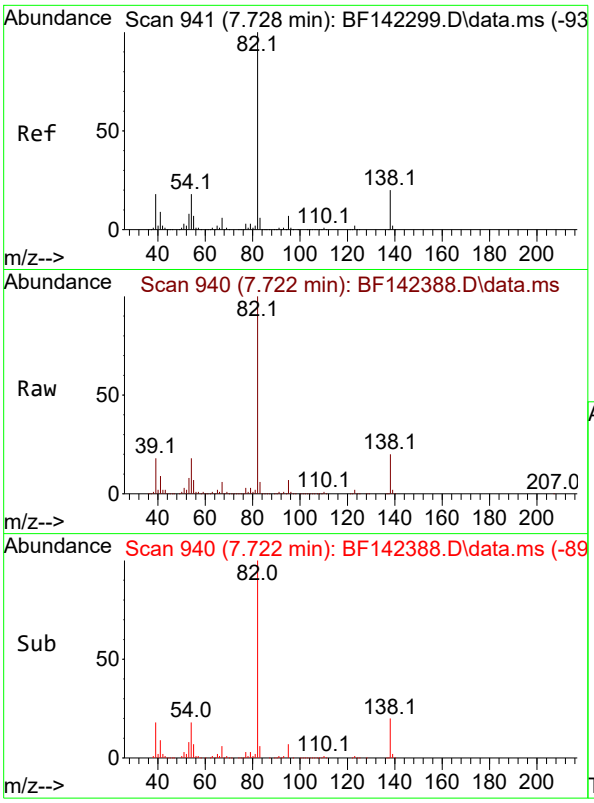


#24
Nitrobenzene
Concen: 46.123 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 77 Resp: 471629

Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.8	56.8
65	14.2	11.4	17.0



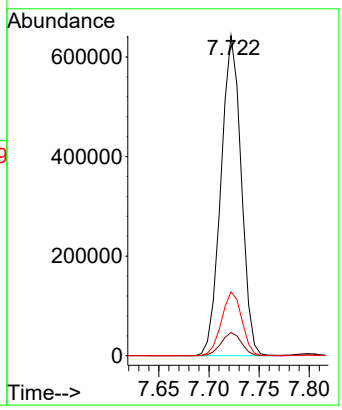


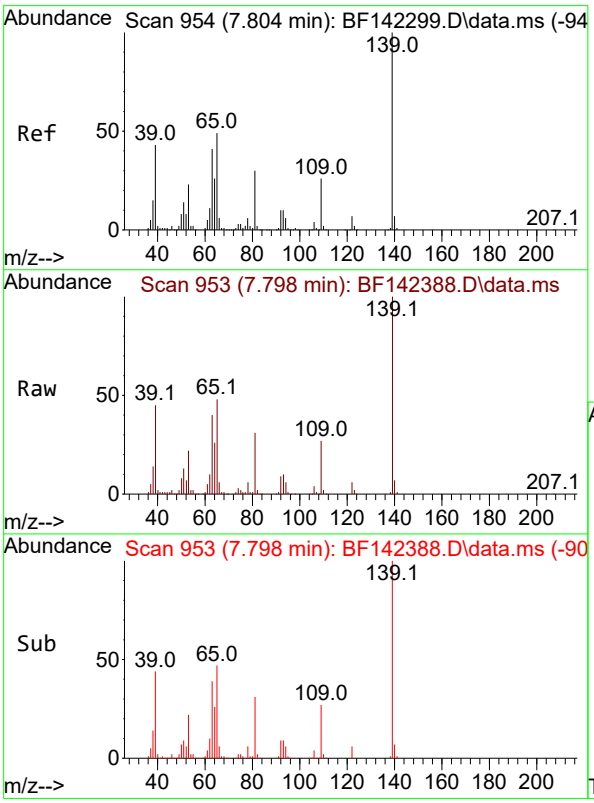
#25
Isophorone
Concen: 43.939 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 82 Resp: 902585

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.0	16.1	24.1

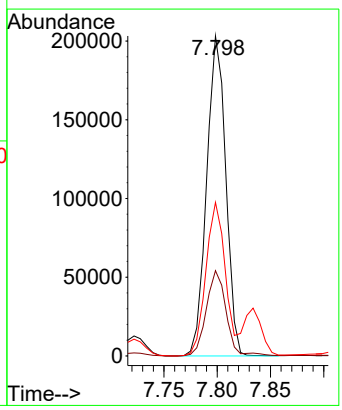




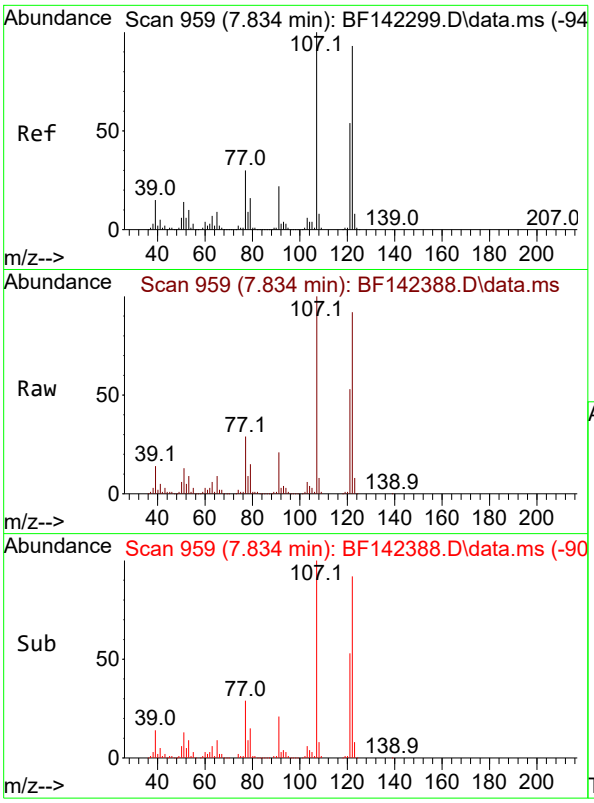
#26
2-Nitrophenol
Concen: 51.343 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:139 Resp: 254589

Ion	Ratio	Lower	Upper
139	100		
109	26.7	20.8	31.2
65	48.0	38.9	58.3



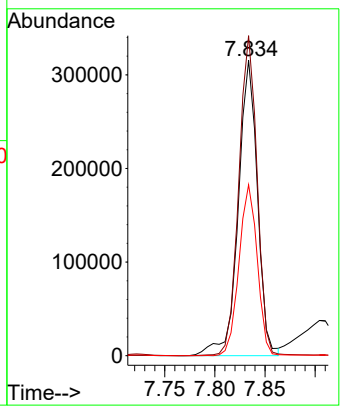
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

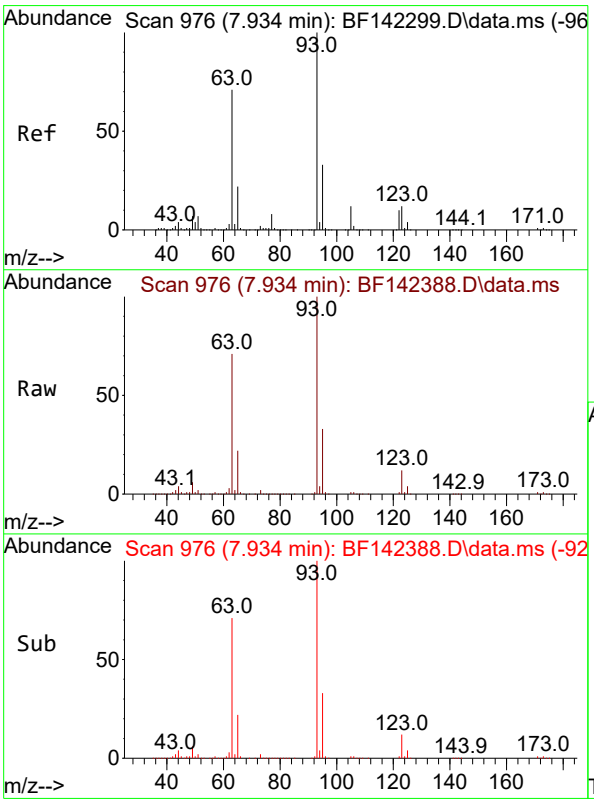


#27
2,4-Dimethylphenol
Concen: 40.898 ng
RT: 7.834 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:122 Resp: 422391

Ion	Ratio	Lower	Upper
122	100		
107	108.4	86.0	129.0
121	57.9	46.2	69.4

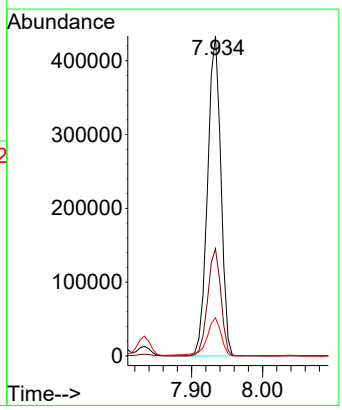


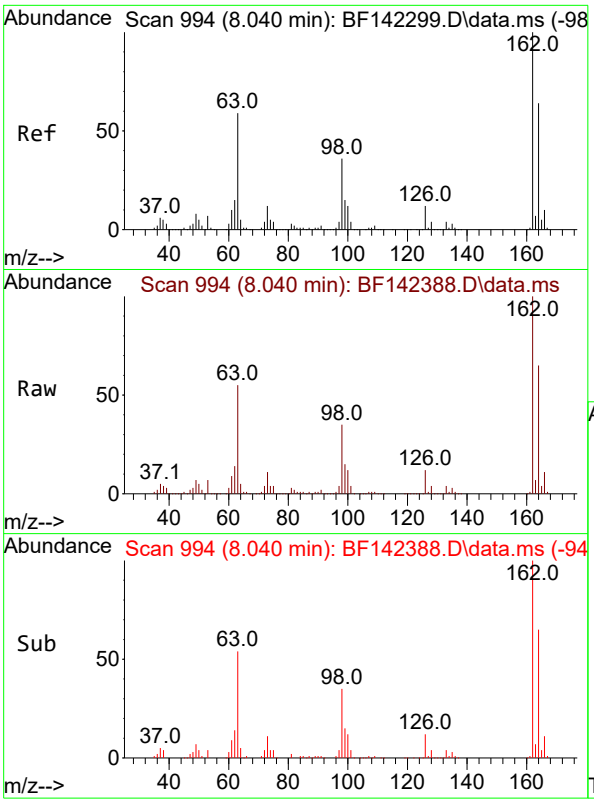


#28
bis(2-Chloroethoxy)methane
Concen: 42.653 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 93 Resp: 563392

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.1	39.1
123	11.9	10.2	15.4



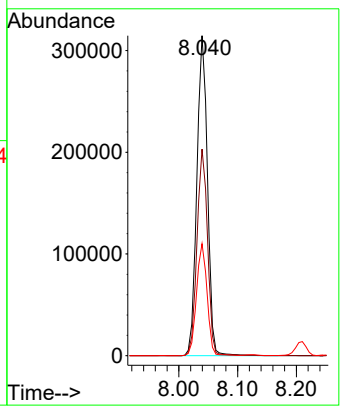


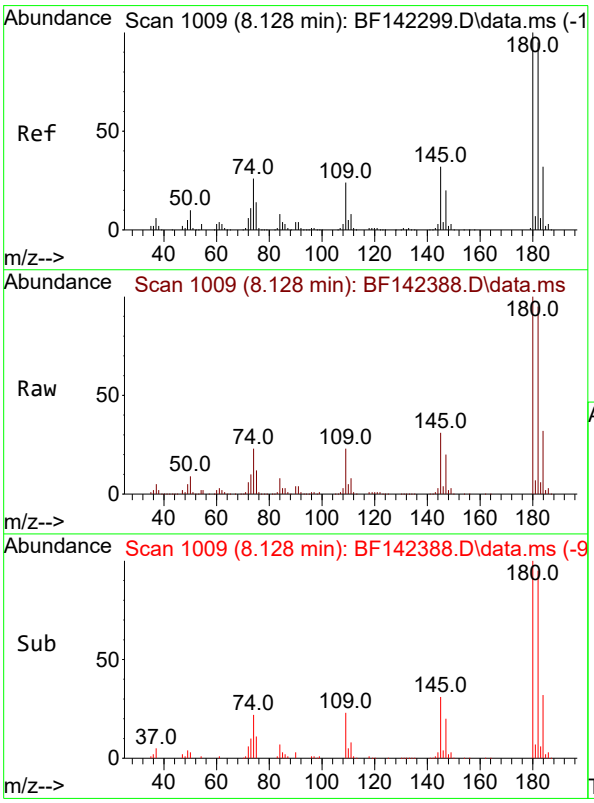
#29
2,4-Dichlorophenol
Concen: 44.936 ng
RT: 8.040 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:162 Resp: 394568

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.6	83.6
98	35.0	16.5	56.5

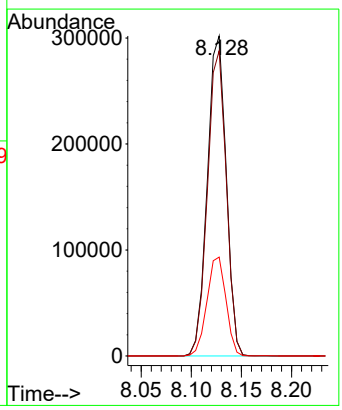


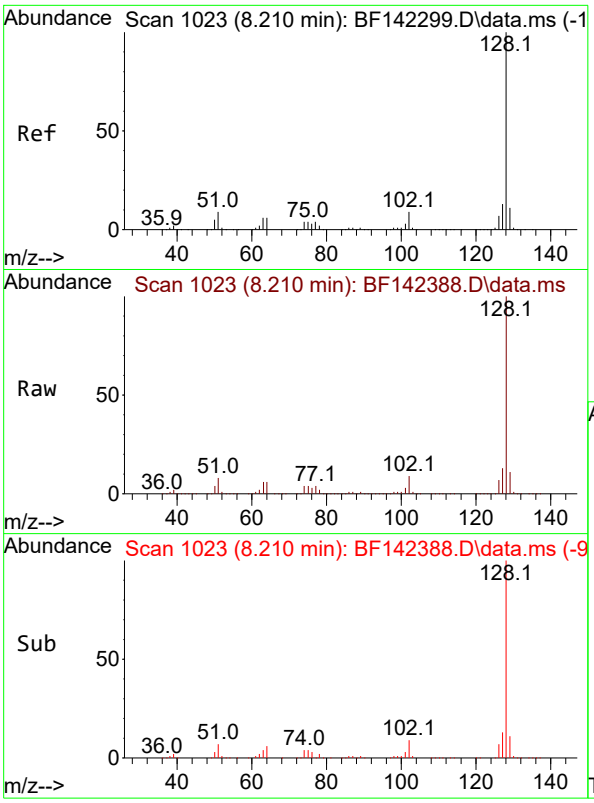


#30
1,2,4-Trichlorobenzene
Concen: 40.057 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:180 Resp: 395832

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	30.9	25.8	38.6



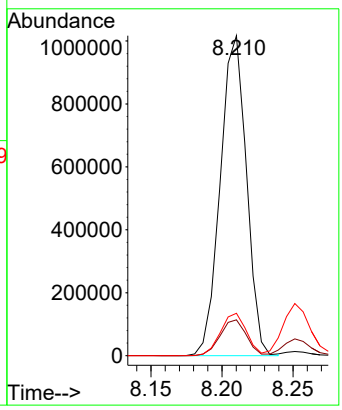


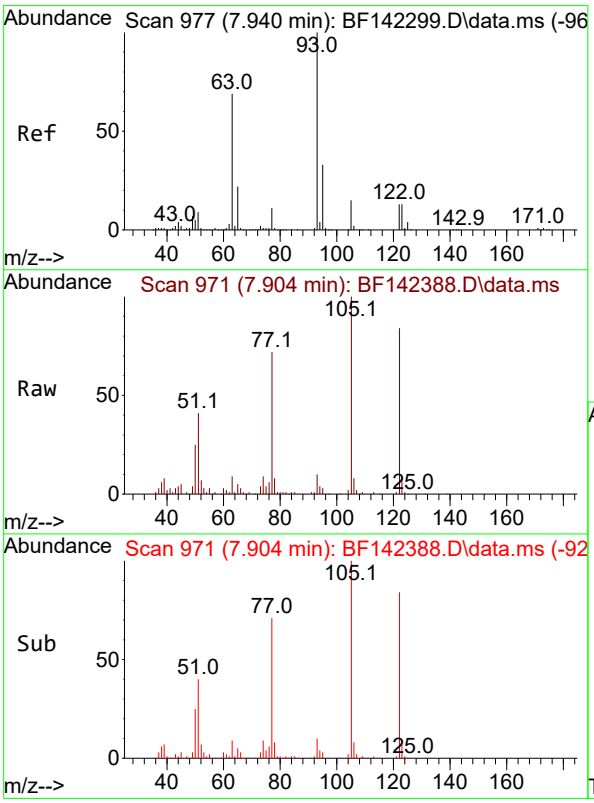
#31
Naphthalene
Concen: 40.636 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:128 Resp: 1302962

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.3	10.5	15.7

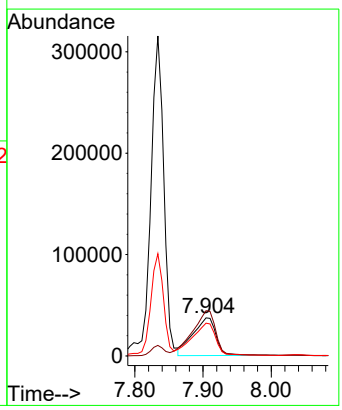


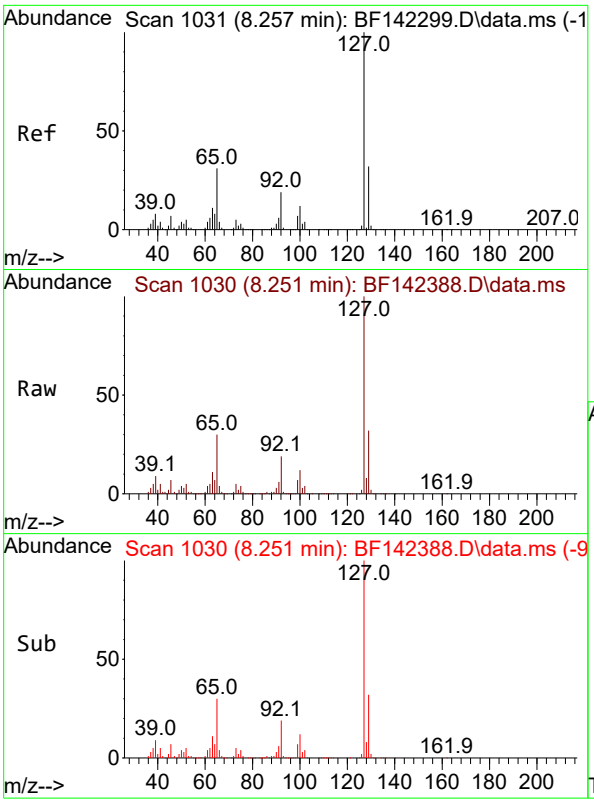


#32
Benzoic acid
Concen: 21.457 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.036 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:122 Resp: 88700

Ion	Ratio	Lower	Upper
122	100		
105	118.9	97.9	137.9
77	86.0	67.7	107.7



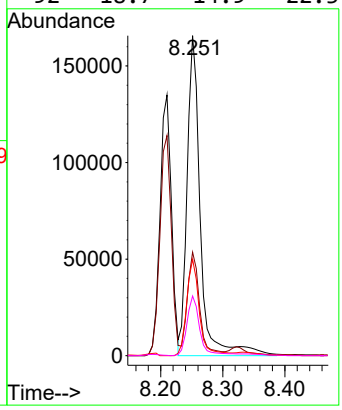


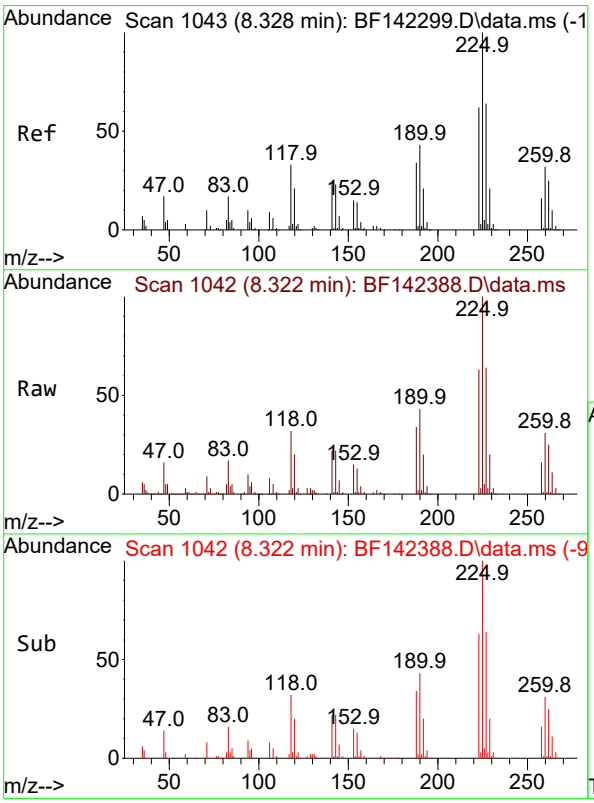
#33
4-Chloroaniline
Concen: 18.838 ng m
RT: 8.251 min Scan# 1
Delta R.T. -0.016 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:127 Resp: 246466

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	30.1	24.9	37.3
92	18.7	14.9	22.3

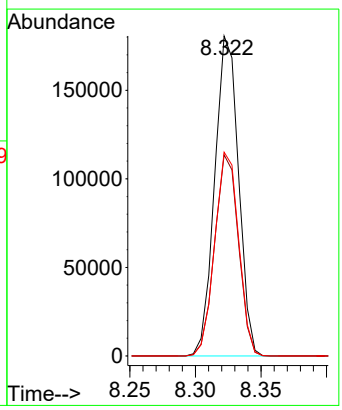


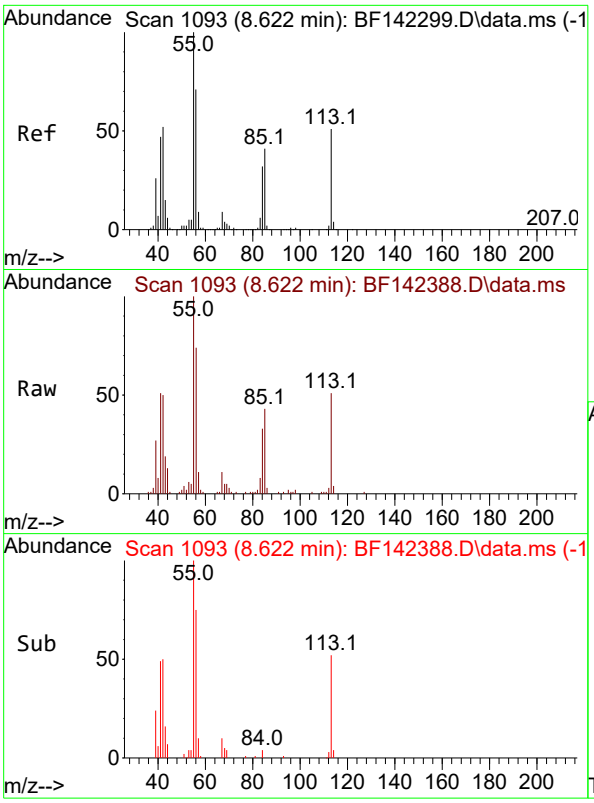


#34
Hexachlorobutadiene
Concen: 38.945 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:225 Resp: 227885

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	63.7	50.9	76.3



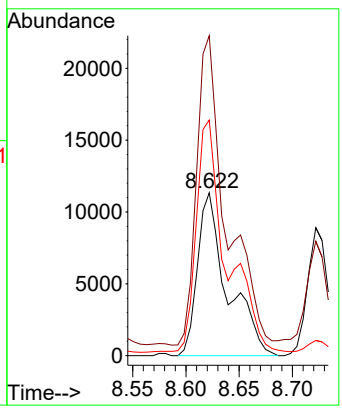


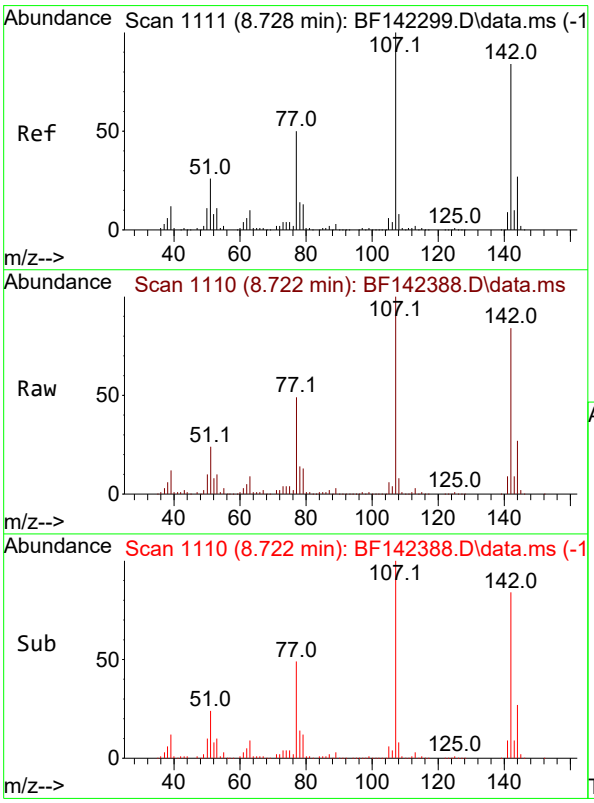
#35
Caprolactam
Concen: 8.704 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:113 Resp: 22274

Ion	Ratio	Lower	Upper
113	100		
55	196.4	176.4	216.4
56	144.7	120.3	160.3

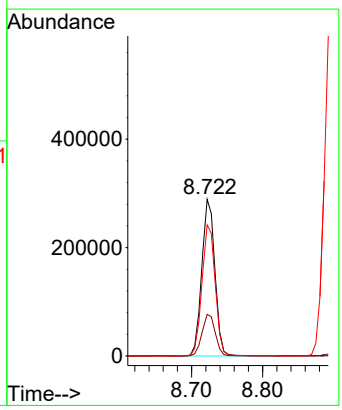


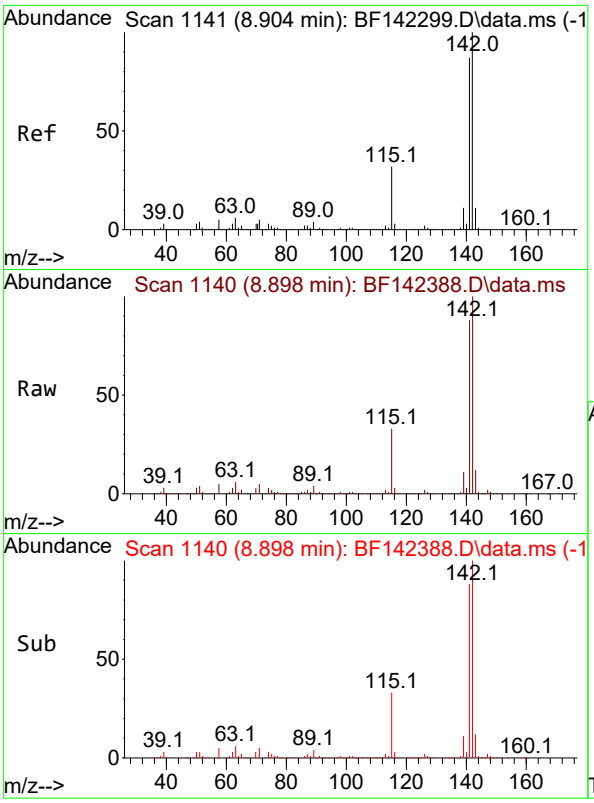


#36
4-Chloro-3-methylphenol
Concen: 40.855 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:107 Resp: 372907

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	83.7	66.9	100.3



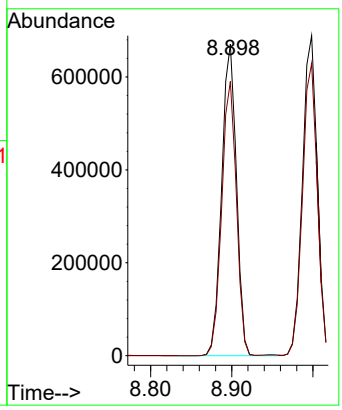


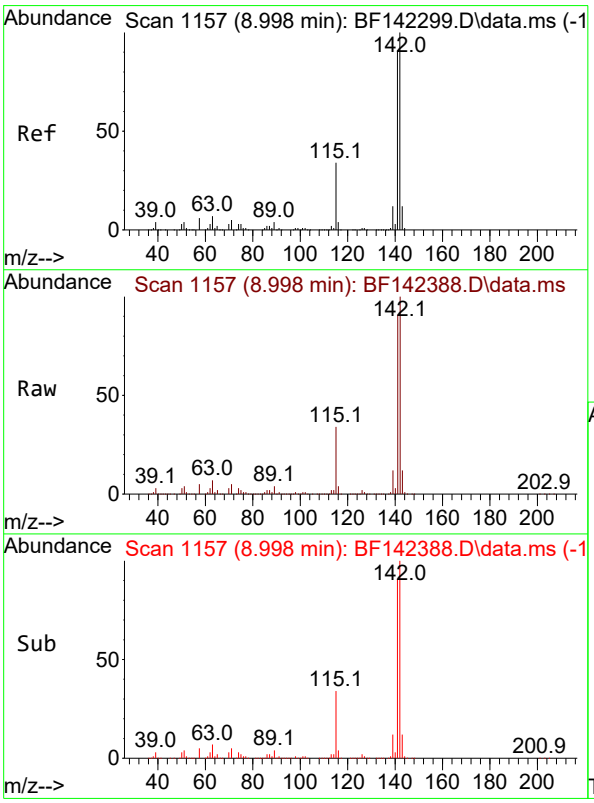
#37
2-Methylnaphthalene
Concen: 42.575 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:142 Resp: 848266

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.4	104.2

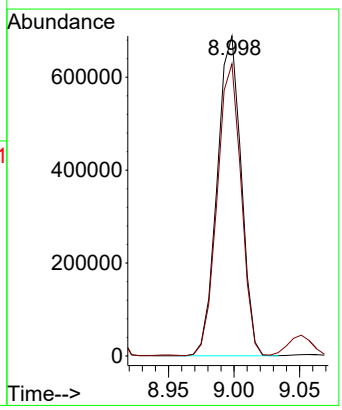


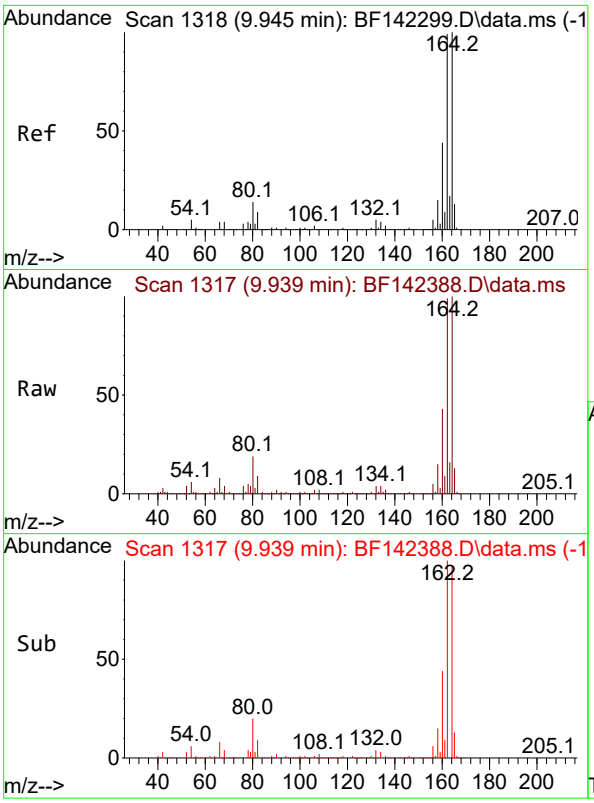


#38
1-Methylnaphthalene
Concen: 42.153 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:142 Resp: 875361

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7



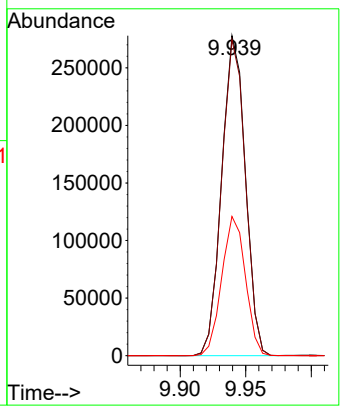


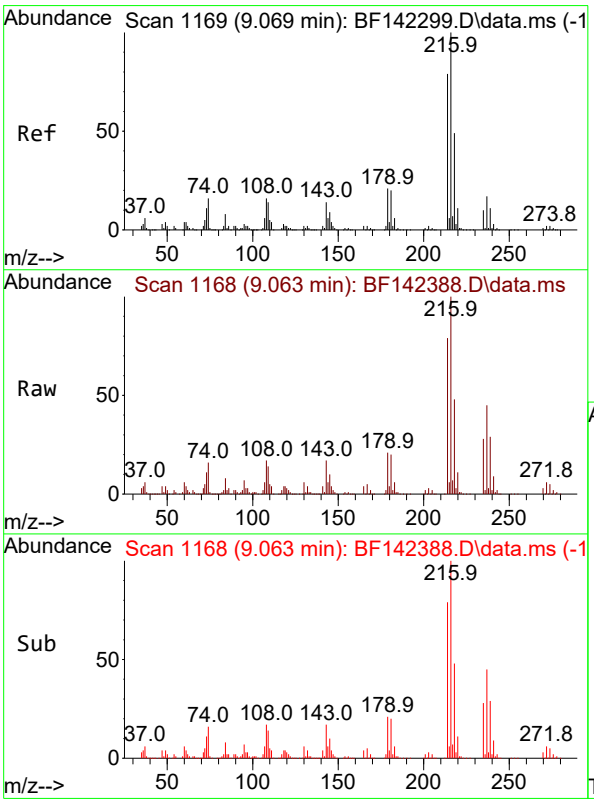
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:164 Resp: 349080

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.2	118.8
160	43.5	35.3	52.9

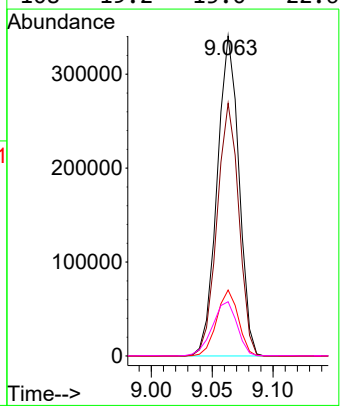


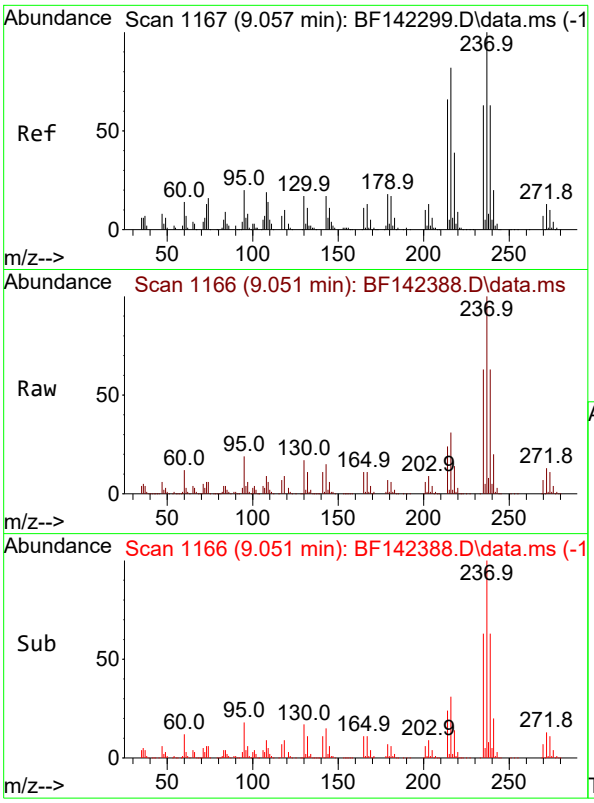


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.530 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:216 Resp: 424400

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	20.5	17.0	25.6
108	19.2	15.0	22.6



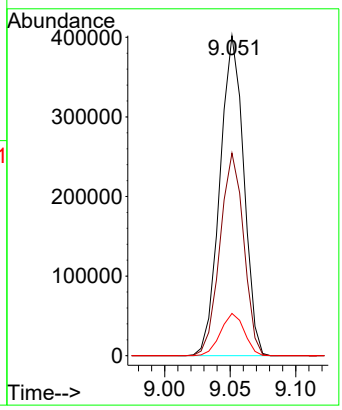


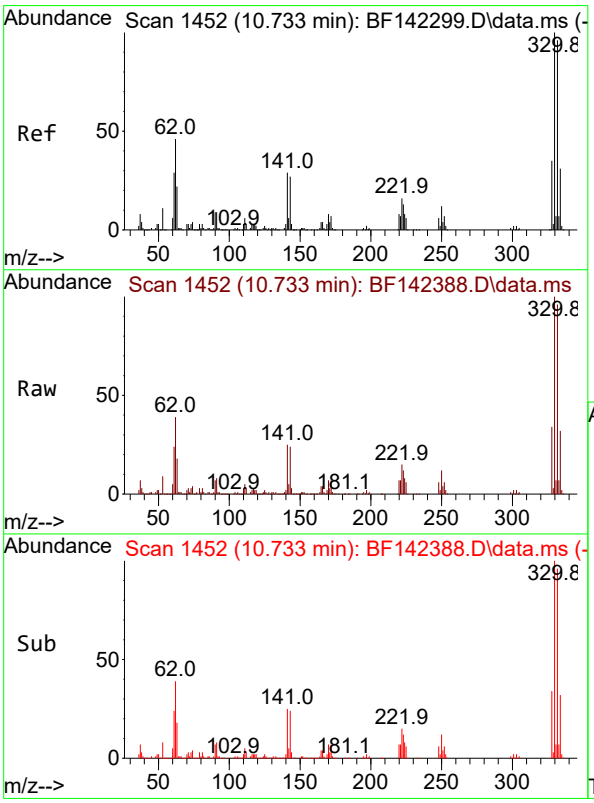
#41
Hexachlorocyclopentadiene
Concen: 84.288 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:237 Resp: 507870

Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.8	82.8
272	13.2	0.0	33.0

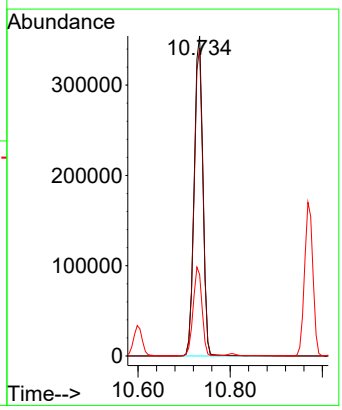


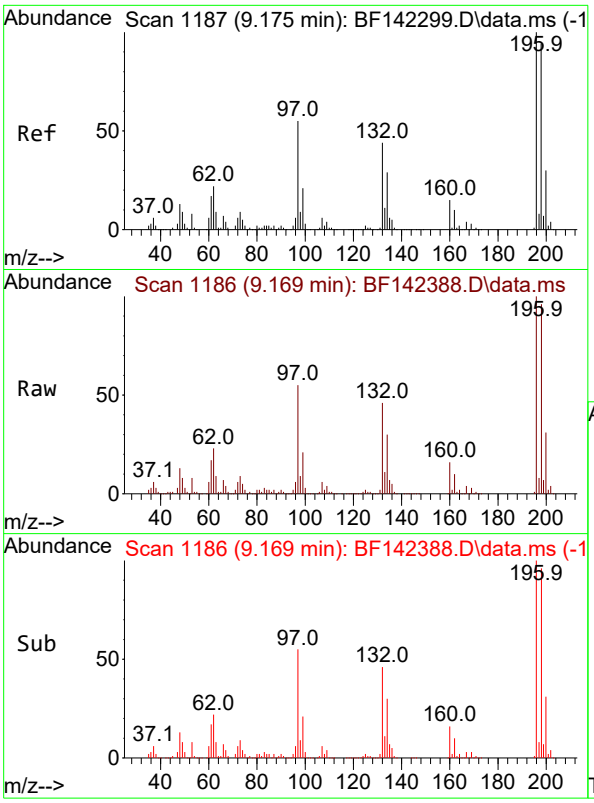


#42
2,4,6-Tribromophenol
Concen: 137.681 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:330 Resp: 464026

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	27.9	24.9	37.3



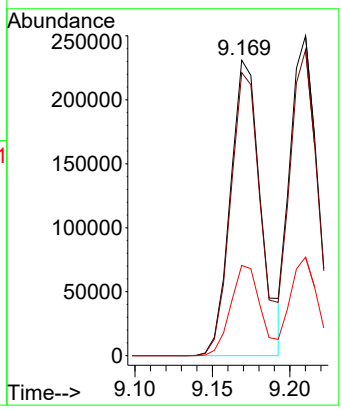


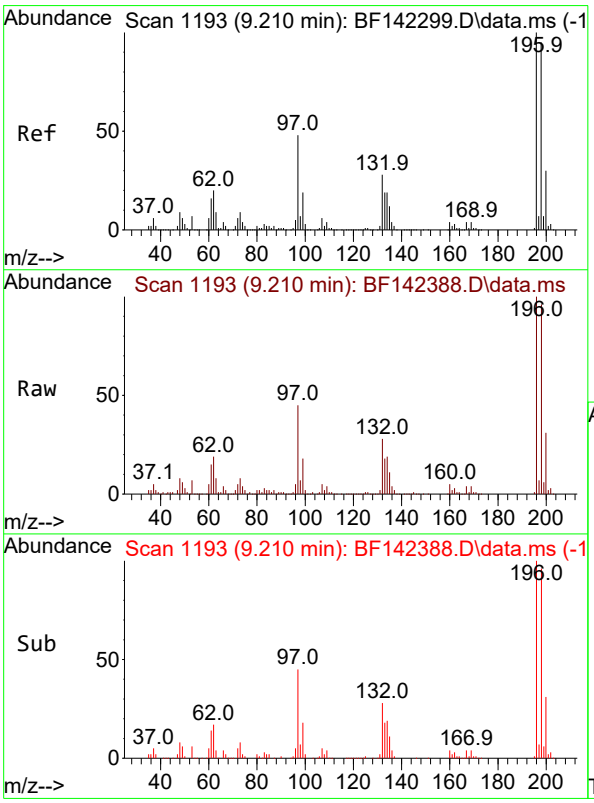
#43
2,4,6-Trichlorophenol
Concen: 51.164 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:196 Resp: 314642

Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.4	113.0
200	30.5	24.3	36.5

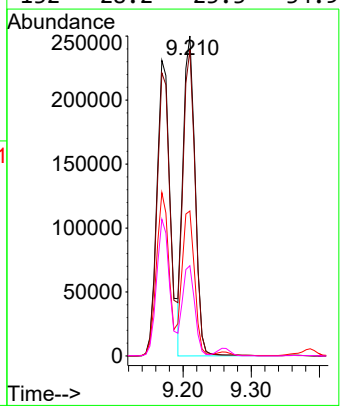


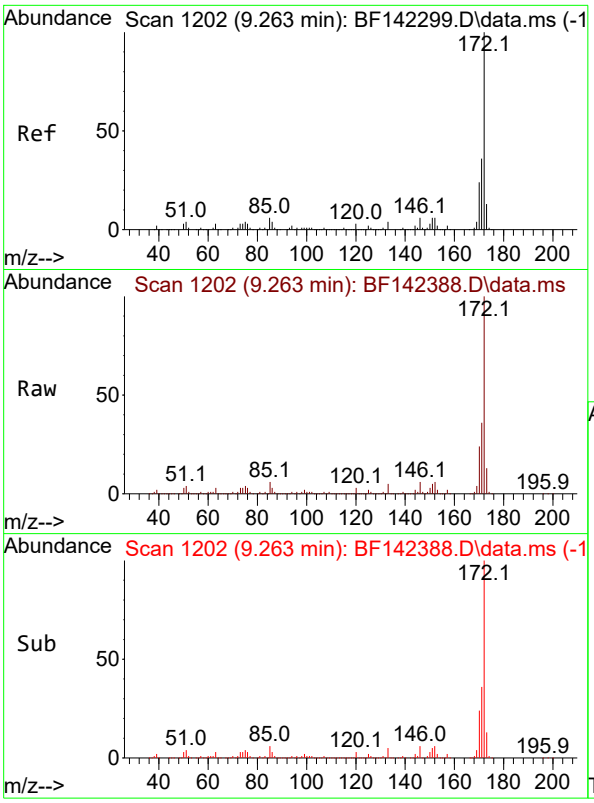


#44
2,4,5-Trichlorophenol
Concen: 46.570 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:196 Resp: 304721

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.1	114.1
97	45.3	39.0	58.4
132	28.2	23.3	34.9



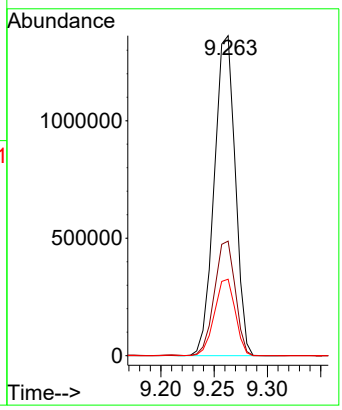


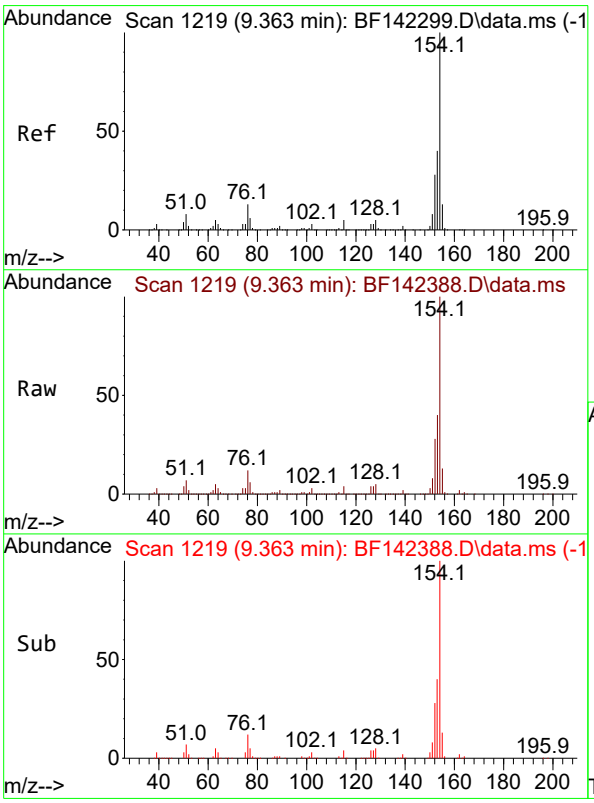
#45
2-Fluorobiphenyl
Concen: 75.993 ng
RT: 9.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:172 Resp: 1860447

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.9	19.0	28.4

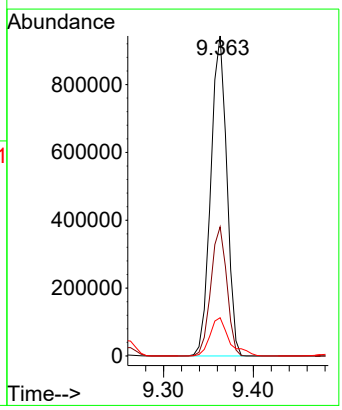


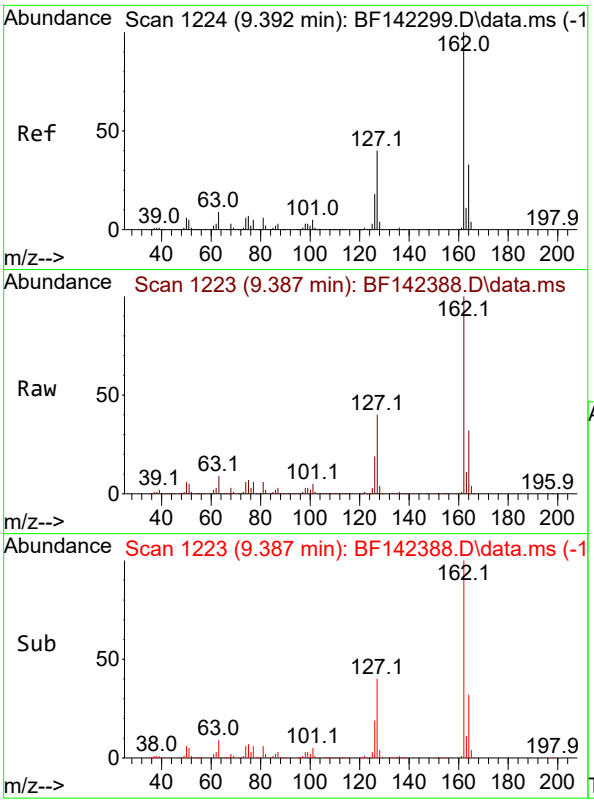


#46
1,1'-Biphenyl
Concen: 43.670 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:154 Resp: 1168846

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	12.0	0.0	32.8



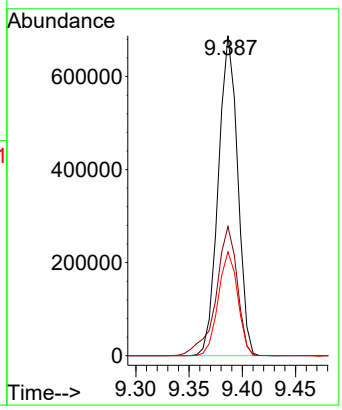


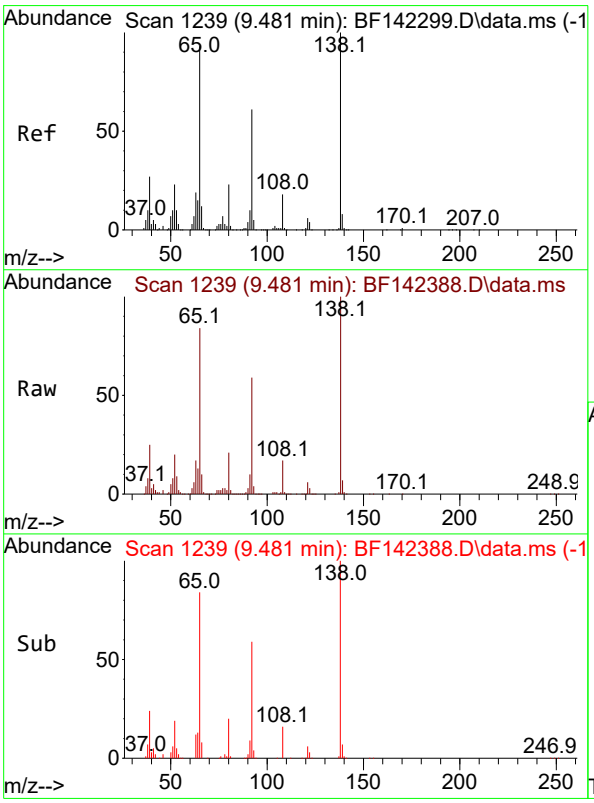
#47
2-Chloronaphthalene
Concen: 43.548 ng
RT: 9.387 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:162 Resp: 866810

Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	32.4	26.6	40.0

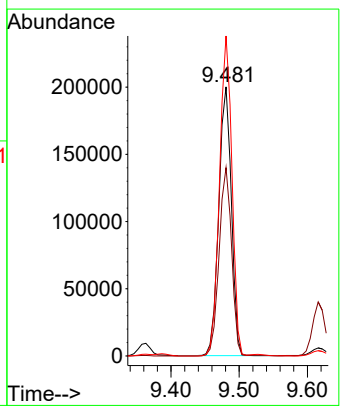


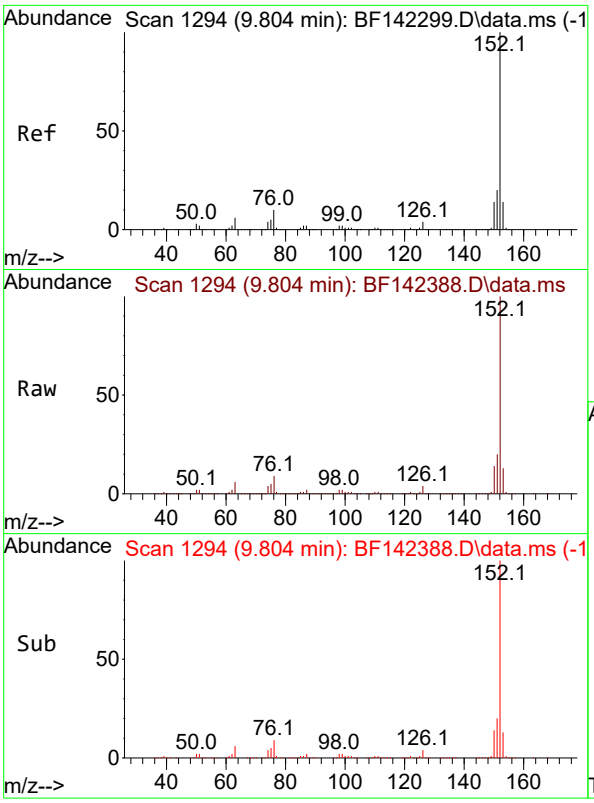


#48
2-Nitroaniline
Concen: 50.466 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 65 Resp: 257479

Ion	Ratio	Lower	Upper
65	100		
92	70.0	52.3	78.5
138	118.9	85.6	128.4



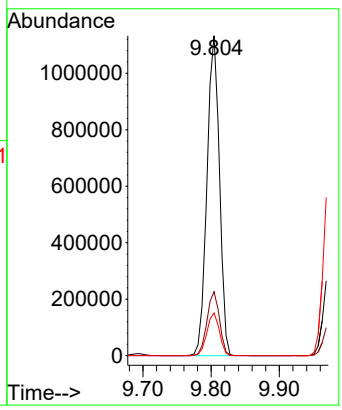


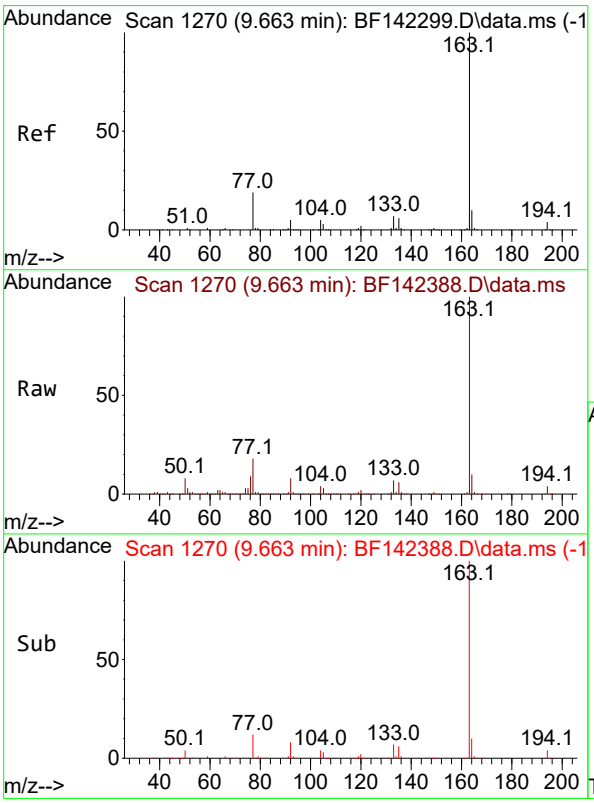
#49
Acenaphthylene
Concen: 43.358 ng
RT: 9.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:152 Resp: 1443735

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.4	10.8	16.2

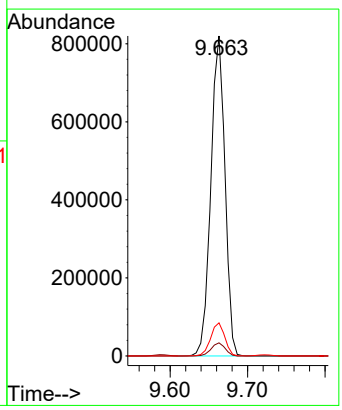


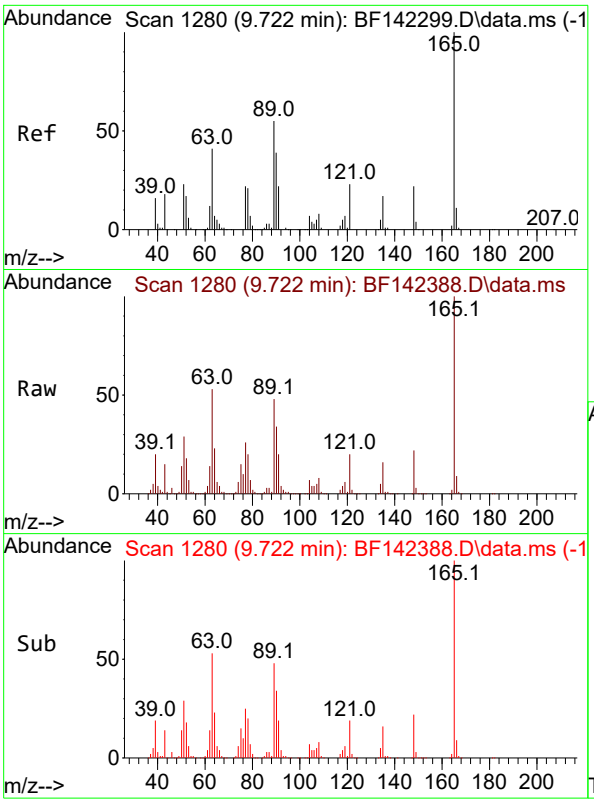


#50
Dimethylphthalate
Concen: 46.337 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:163 Resp: 1038662

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.3	12.5



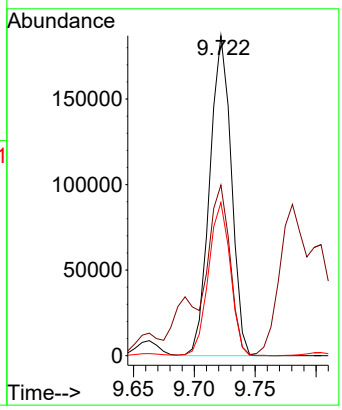


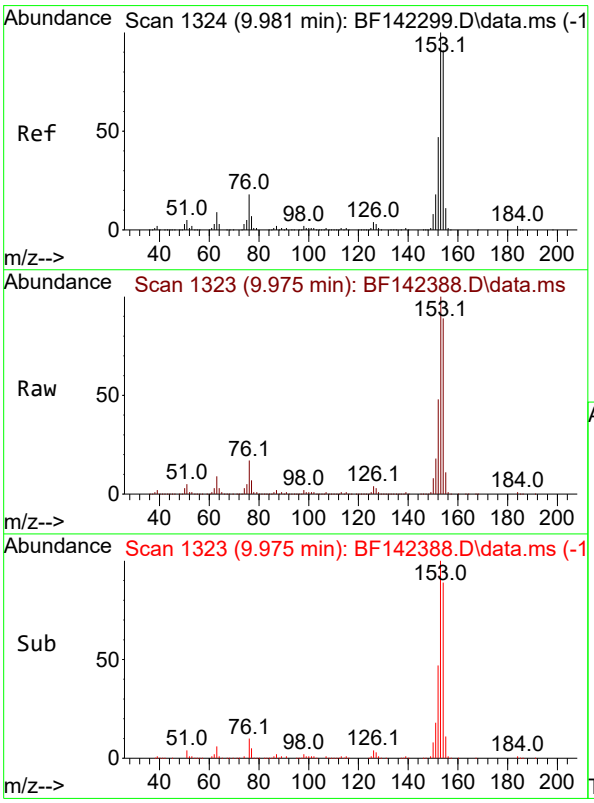
#51
2,6-Dinitrotoluene
Concen: 54.949 ng
RT: 9.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:165 Resp: 230553

Ion	Ratio	Lower	Upper
165	100		
63	53.4	49.5	74.3
89	47.9	44.6	66.8

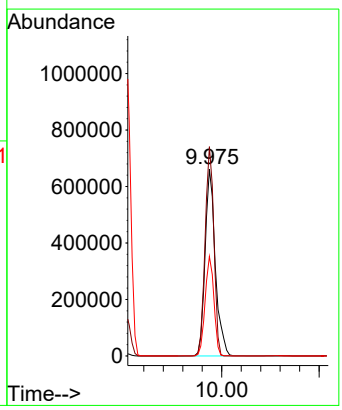


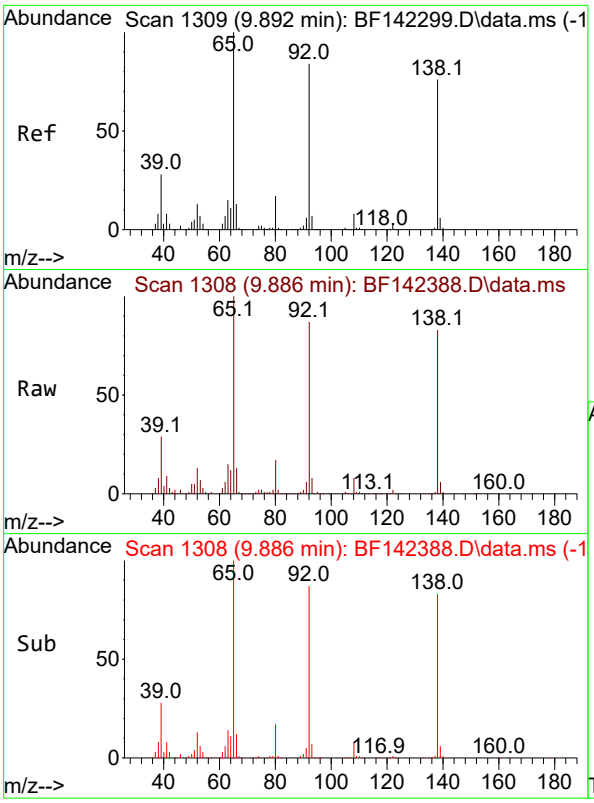


#52
Acenaphthene
Concen: 48.109 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:154 Resp: 963224

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.0	132.0
152	53.2	41.6	62.4



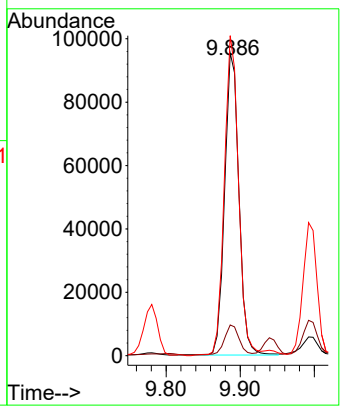


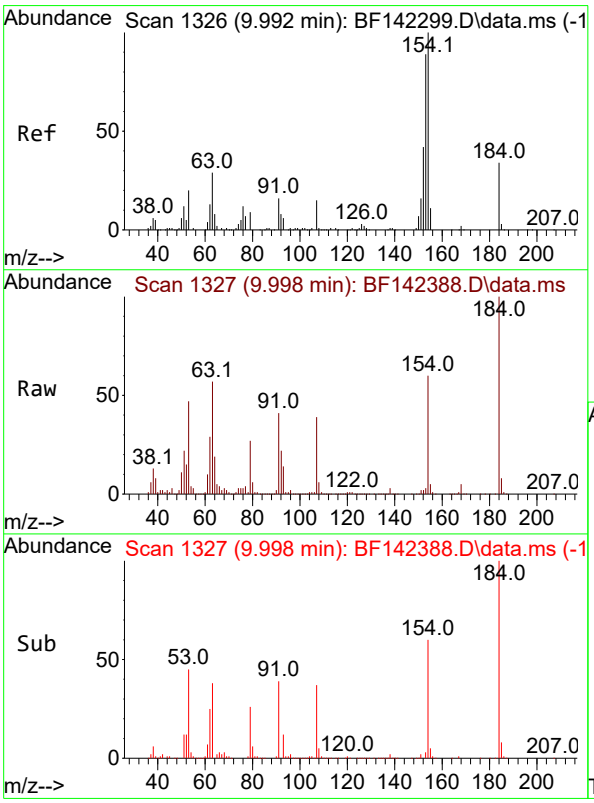
#53
3-Nitroaniline
Concen: 25.872 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:138 Resp: 127310

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	105.7	89.5	134.3

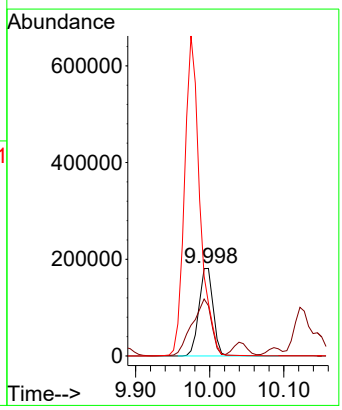


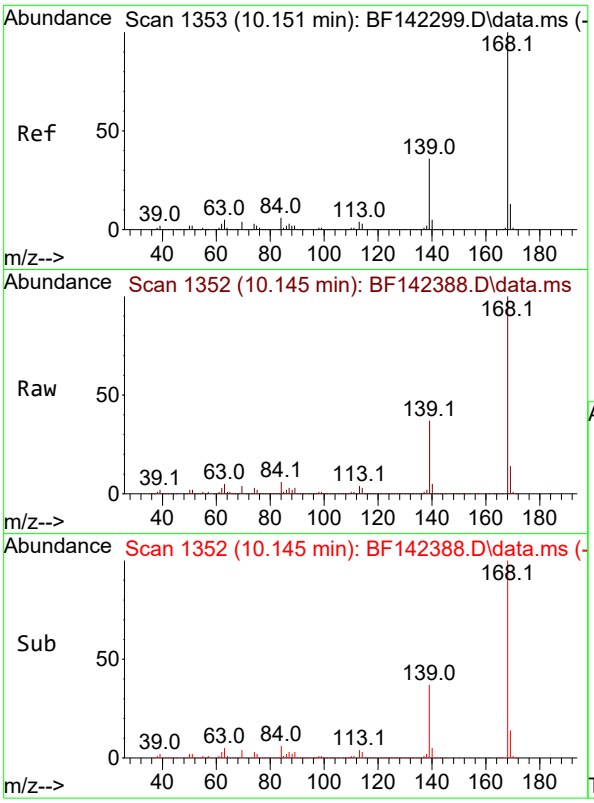


#54
2,4-Dinitrophenol
Concen: 107.582 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:184 Resp: 242565

Ion	Ratio	Lower	Upper
184	100		
63	57.4	70.6	105.8#
154	60.3	257.2	385.8#



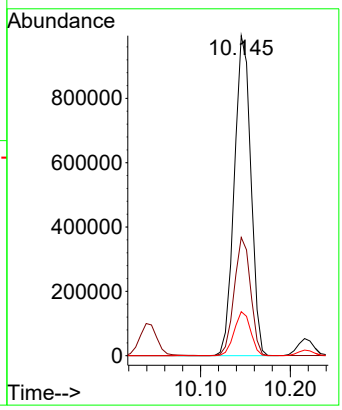


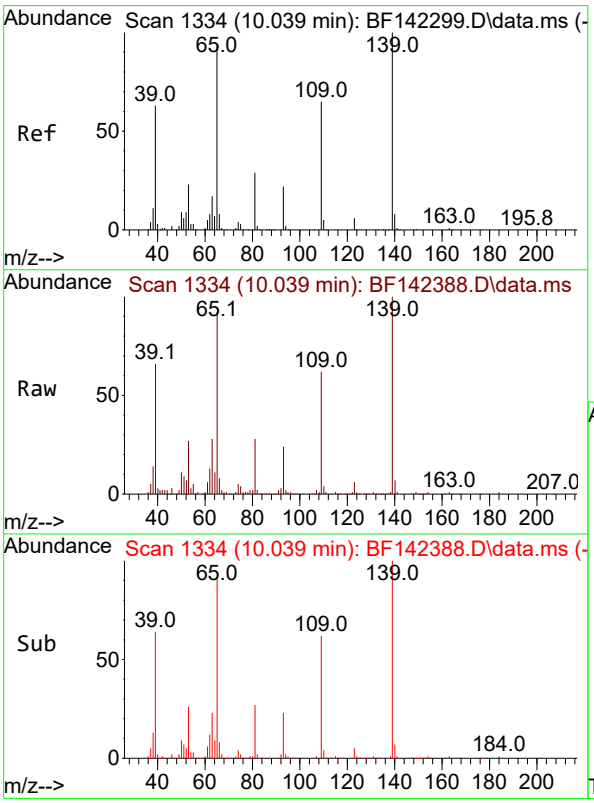
#55
Dibenzofuran
Concen: 43.106 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:168 Resp: 1273696

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.0	43.4
169	13.8	10.7	16.1

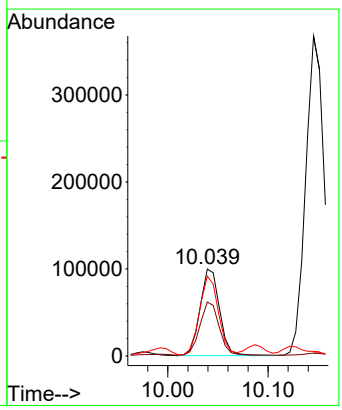


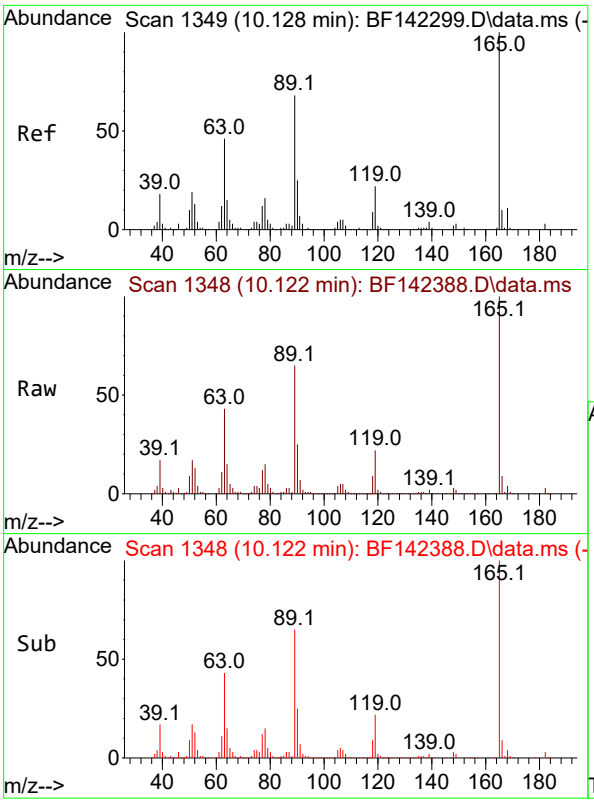


#56
4-Nitrophenol
Concen: 36.240 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:139 Resp: 134214

Ion	Ratio	Lower	Upper
139	100		
109	62.2	45.3	85.3
65	91.8	73.9	113.9



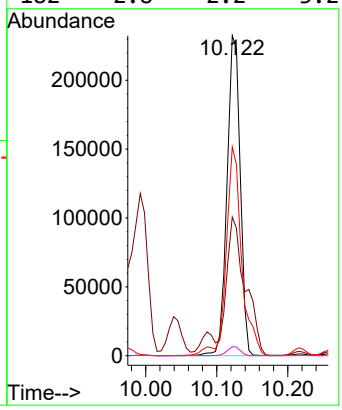


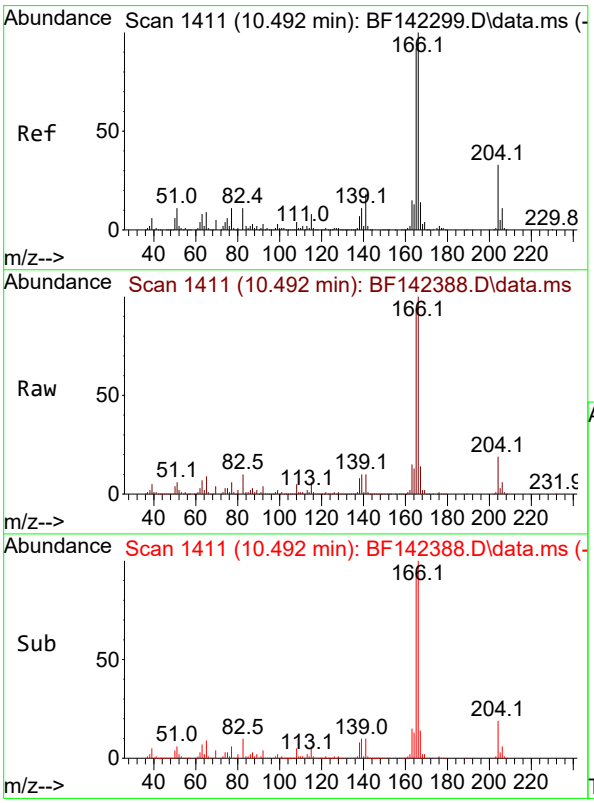
#57
2,4-Dinitrotoluene
Concen: 55.899 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:165 Resp: 300847

Ion	Ratio	Lower	Upper
165	100		
63	43.3	37.1	55.7
89	65.2	54.4	81.6
182	2.8	2.2	3.2

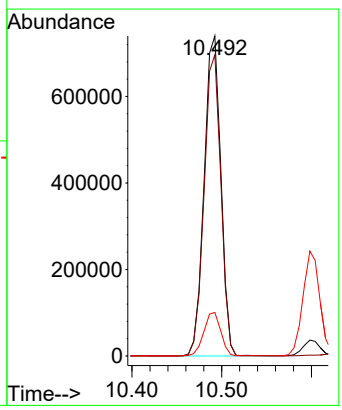


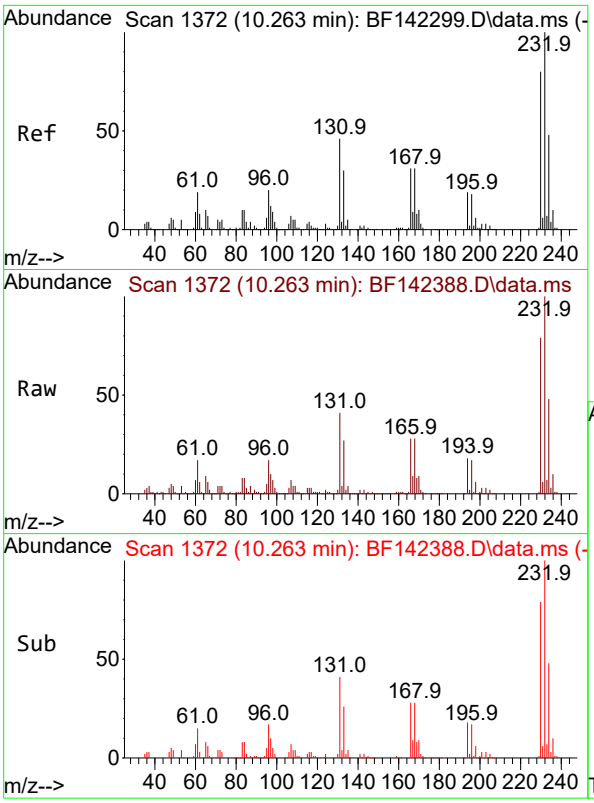


#58
Fluorene
Concen: 42.489 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:166 Resp: 958116

Ion	Ratio	Lower	Upper
166	100		
165	94.1	74.0	111.0
167	13.6	10.9	16.3



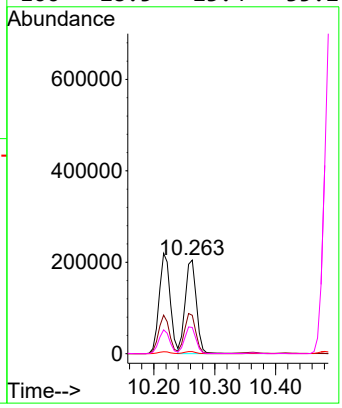


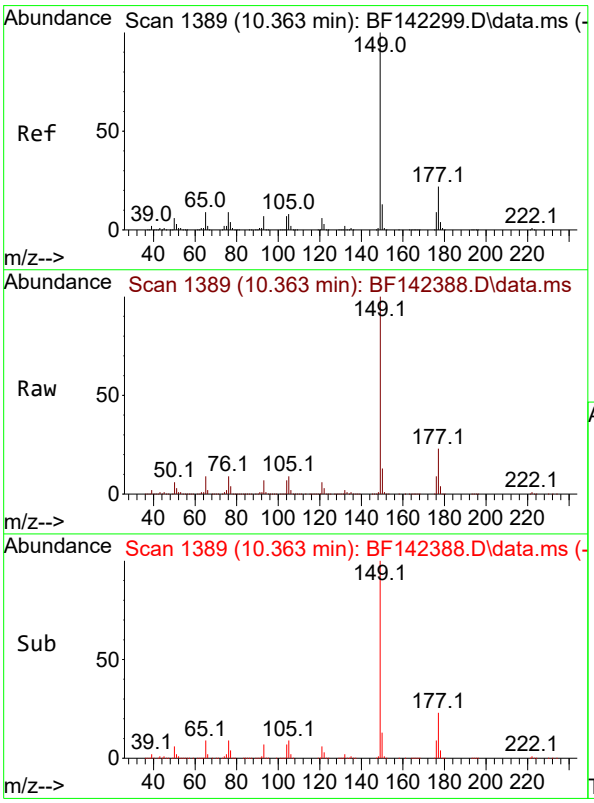
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.631 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:232 Resp: 262685

Ion	Ratio	Lower	Upper
232	100		
131	42.1	36.0	54.0
130	2.4	1.8	2.6
166	28.5	23.4	35.2

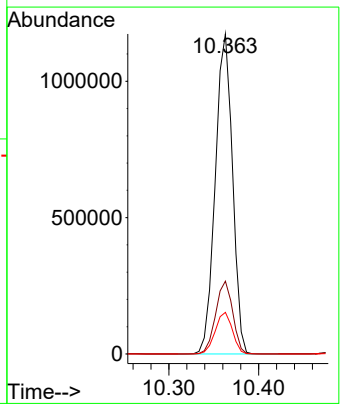


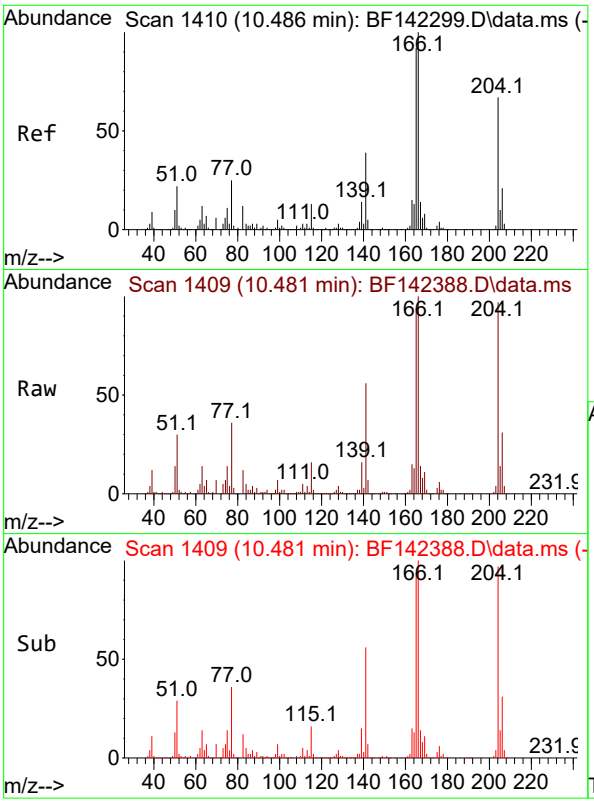


#60
Diethylphthalate
Concen: 69.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:149 Resp: 1563487

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.6	26.4
150	13.0	10.1	15.1



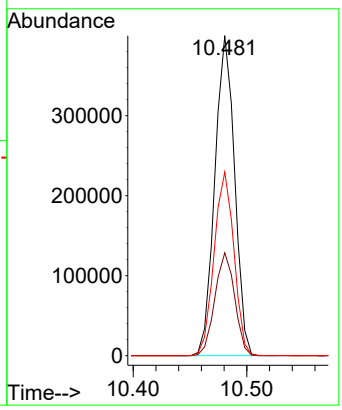


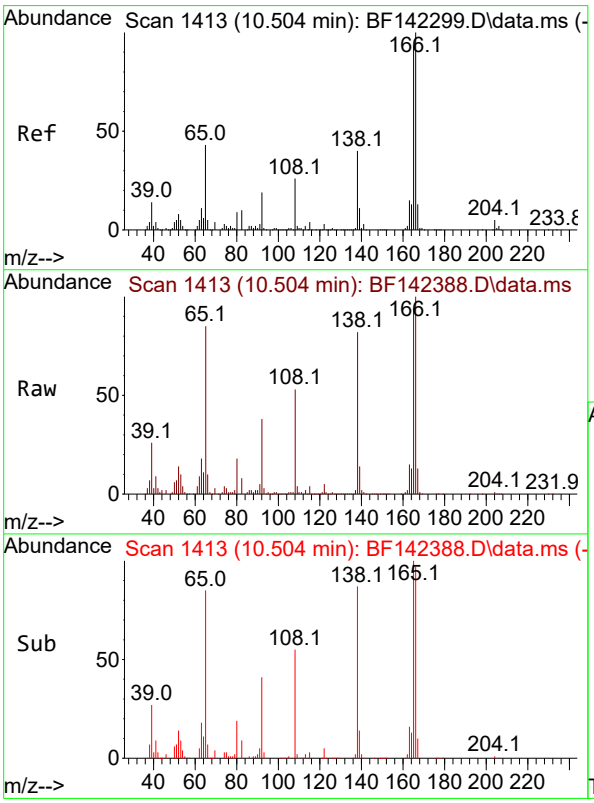
#61
4-Chlorophenyl-phenylether
Concen: 44.510 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:204 Resp: 484239

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.5	38.3
141	57.4	46.4	69.6

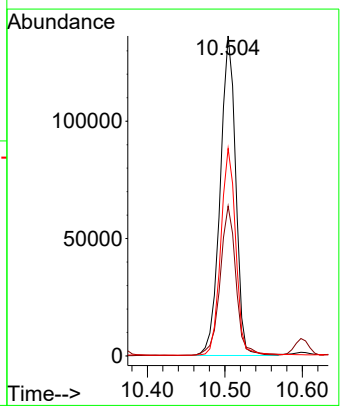


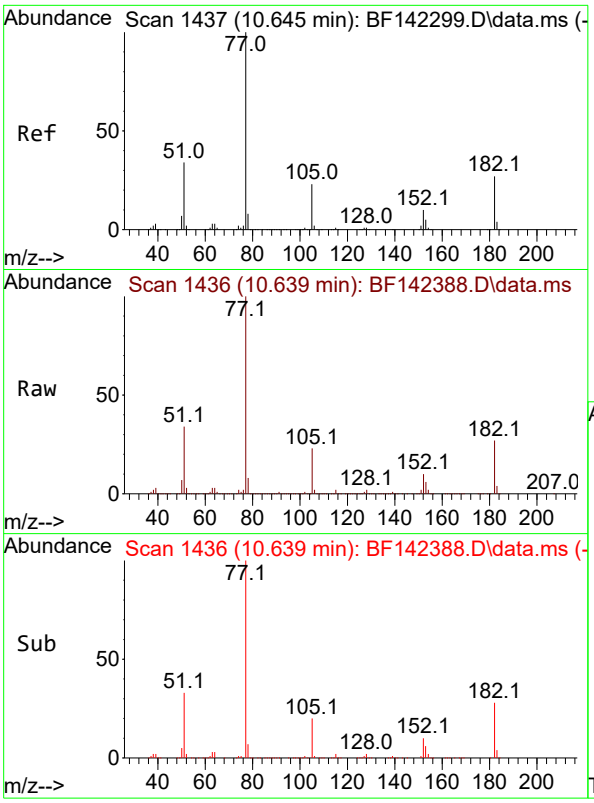


#62
4-Nitroaniline
Concen: 48.759 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:138 Resp: 190164

Ion	Ratio	Lower	Upper
138	100		
92	46.9	27.3	67.3
108	64.8	45.1	85.1



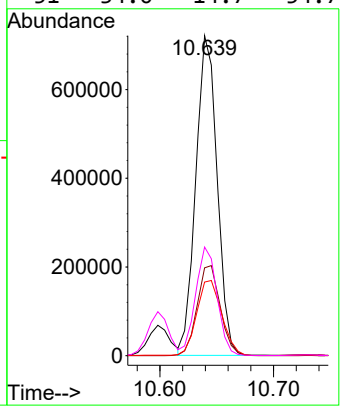


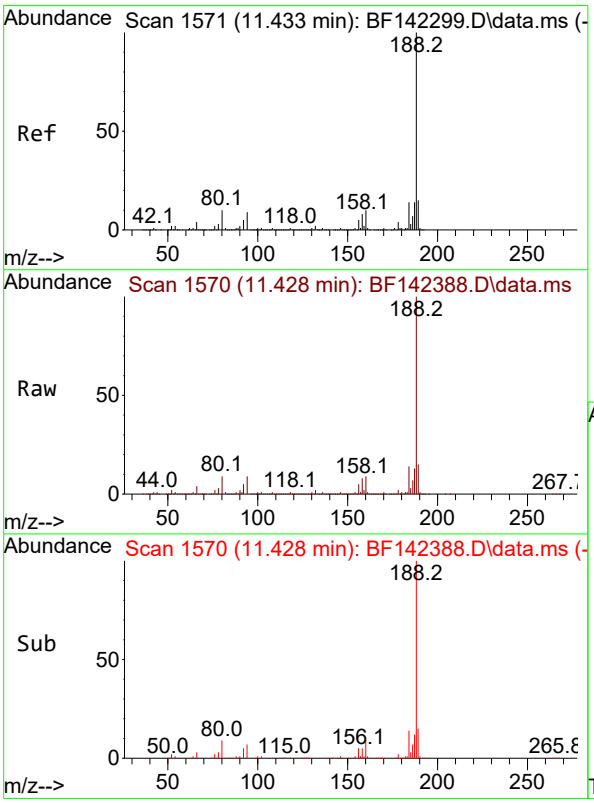
#63
Azobenzene
Concen: 43.974 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion: 77 Resp: 940653

Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.9	46.9
105	23.0	2.7	42.7
51	34.0	14.7	54.7

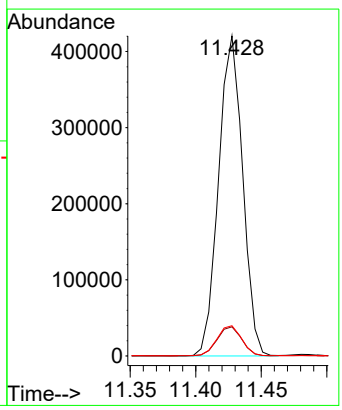


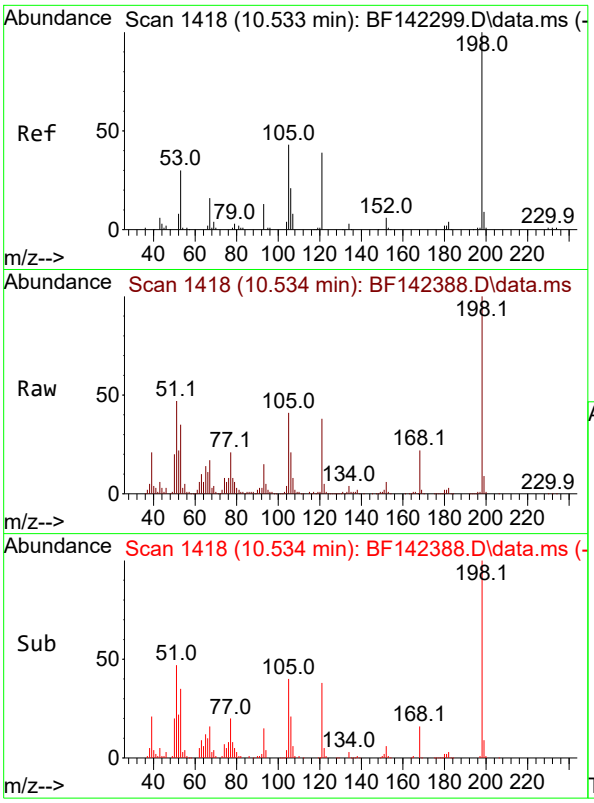


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:188 Resp: 537648

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.5	7.9	11.9



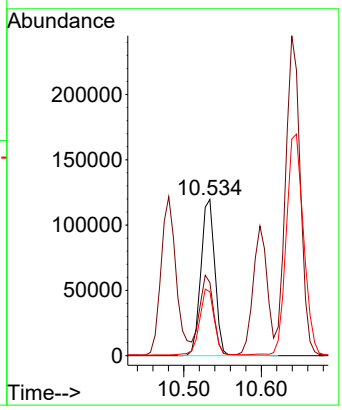


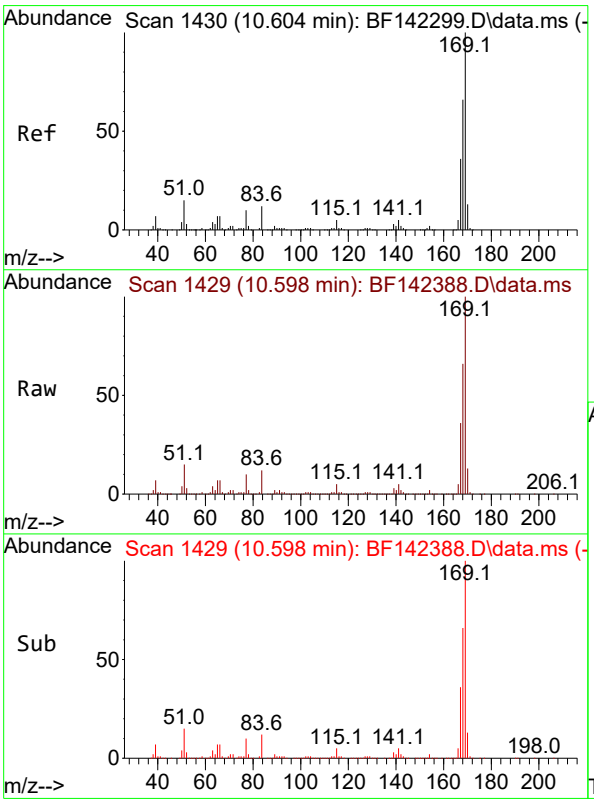
#65
4,6-Dinitro-2-methylphenol
Concen: 58.228 ng
RT: 10.534 min Scan# 14
Delta R.T. 0.001 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:198 Resp: 150445

Ion	Ratio	Lower	Upper
198	100		
51	46.9	32.9	72.9
105	40.9	23.7	63.7

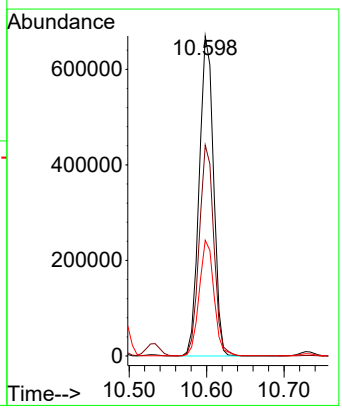


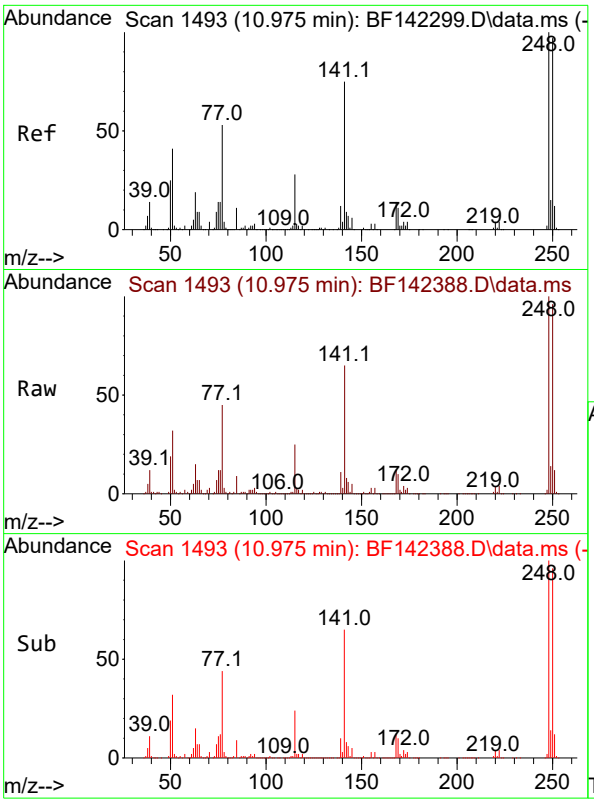


#66
n-Nitrosodiphenylamine
Concen: 48.029 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:169 Resp: 859278

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.2	79.8
167	36.2	28.9	43.3



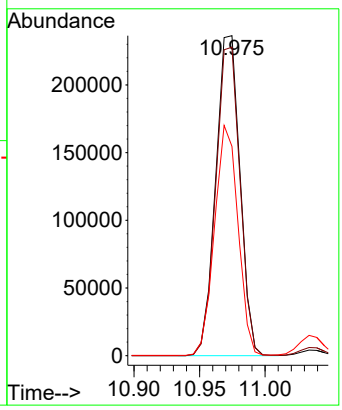


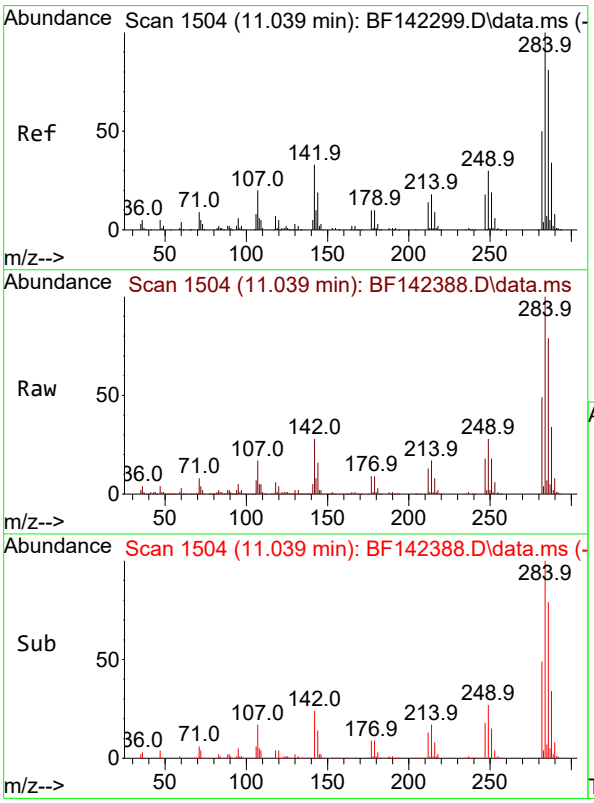
#67
4-Bromophenyl-phenylether
Concen: 49.904 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:248 Resp: 304081

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.9	116.9
141	65.4	59.8	89.8

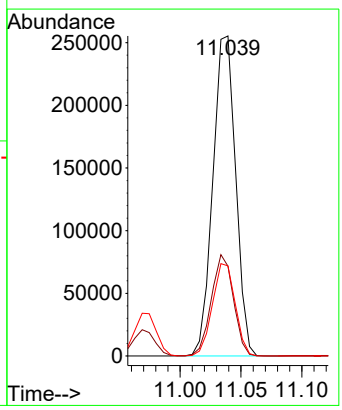


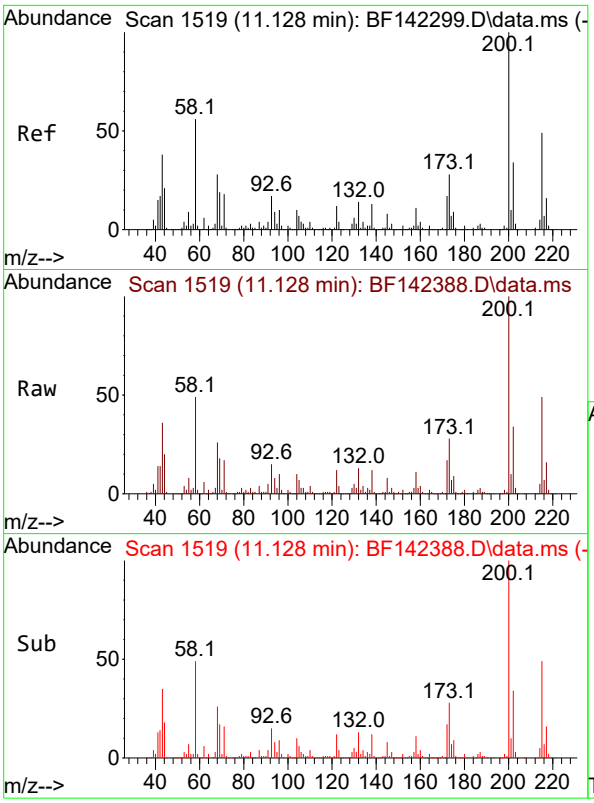


#68
Hexachlorobenzene
Concen: 49.725 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:284 Resp: 333282

Ion	Ratio	Lower	Upper
284	100		
142	28.1	26.6	39.8
249	28.2	24.1	36.1



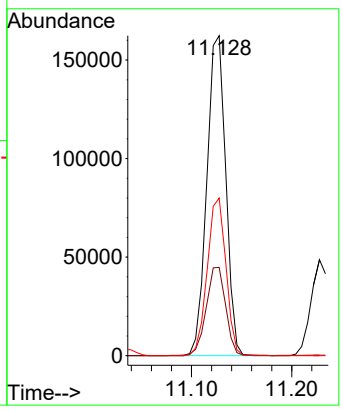


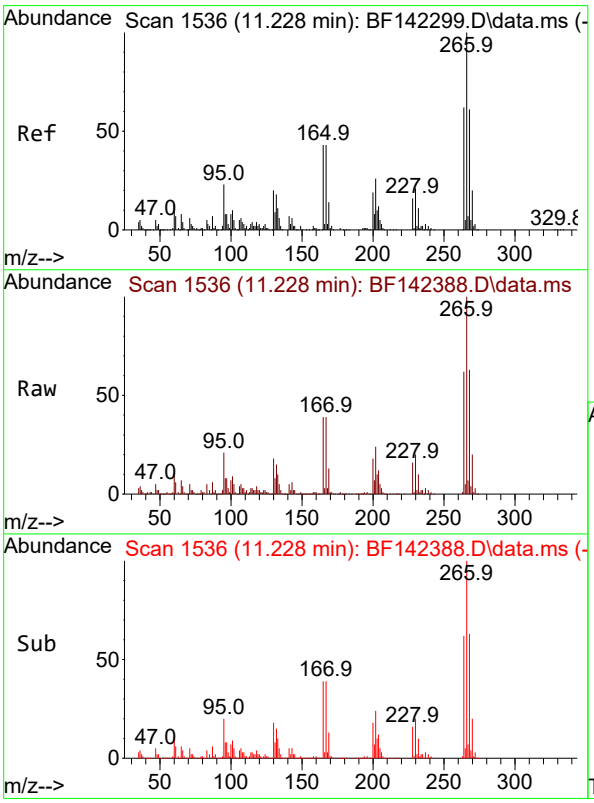
#69
Atrazine
Concen: 45.223 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:200 Resp: 213276

Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.1	48.1
215	49.2	28.8	68.8

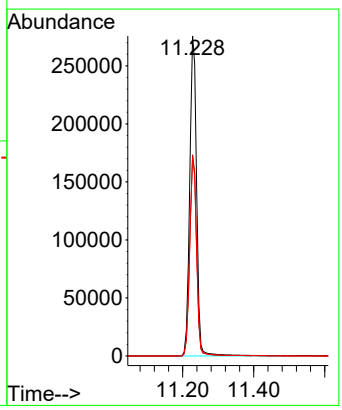


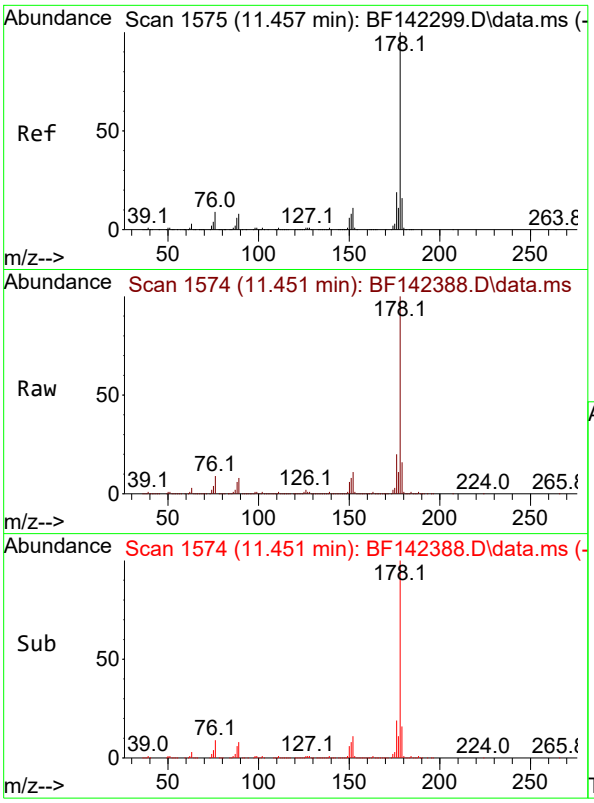


#70
Pentachlorophenol
Concen: 105.447 ng
RT: 11.228 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:266 Resp: 371808

Ion	Ratio	Lower	Upper
266	100		
268	62.9	48.7	73.1
264	62.3	49.8	74.6



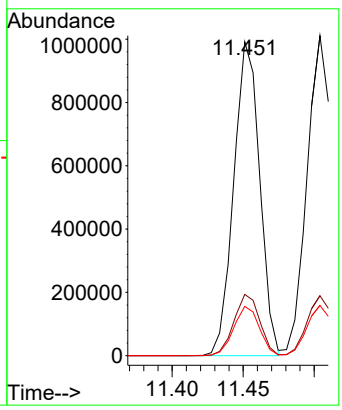


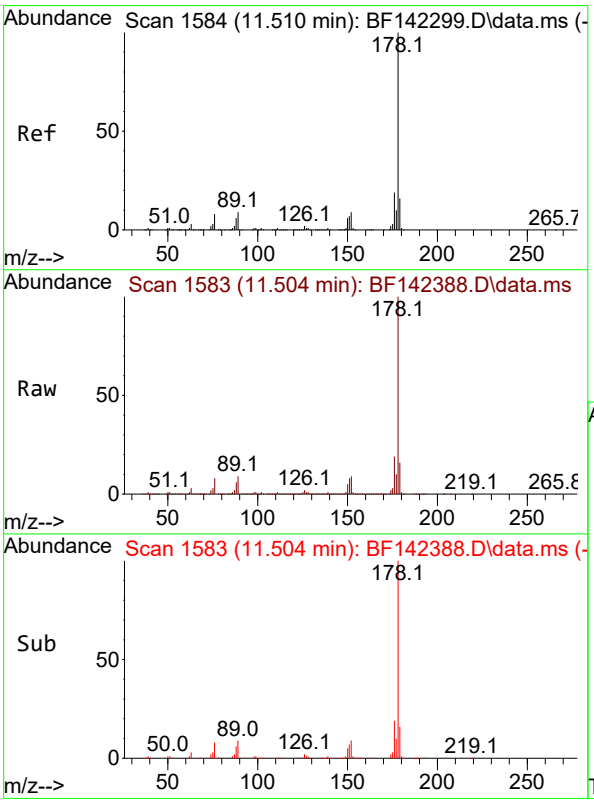
#71
Phenanthrene
Concen: 44.657 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:178 Resp: 1258546

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.7	12.6	18.8

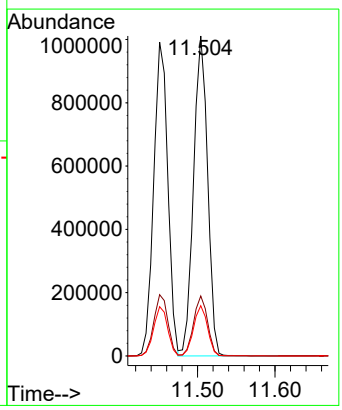


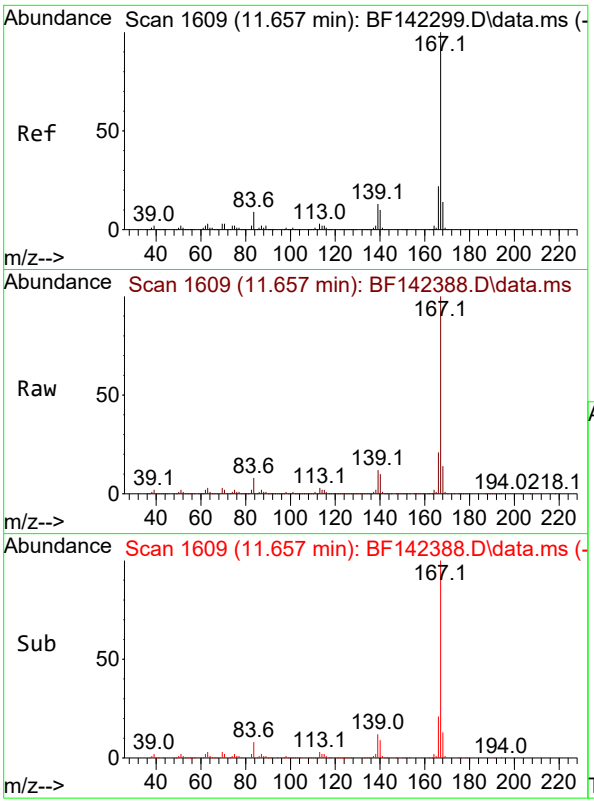


#72
Anthracene
Concen: 43.873 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:178 Resp: 1270435

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.7	12.6	18.8



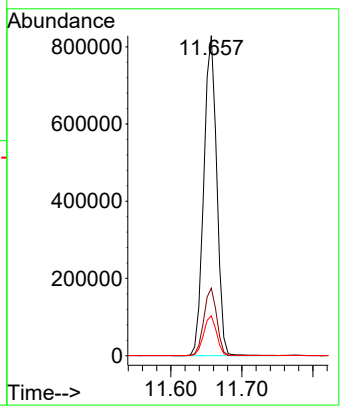


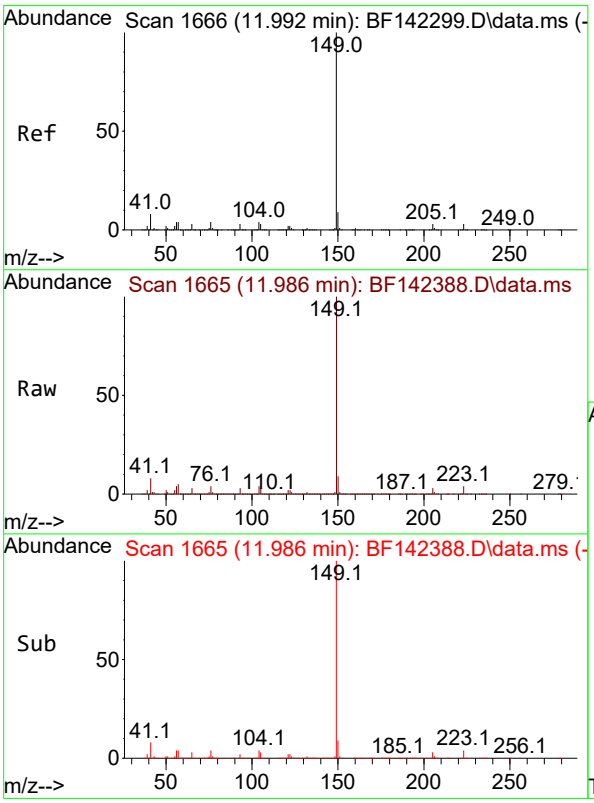
#73
Carbazole
Concen: 40.382 ng
RT: 11.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:167 Resp: 1049104

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.4	10.3	15.5

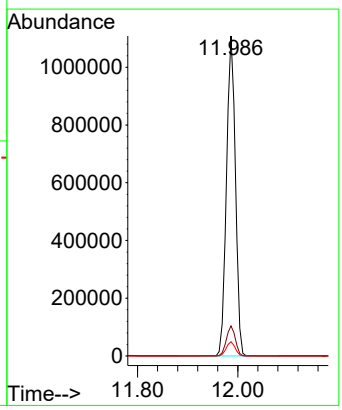


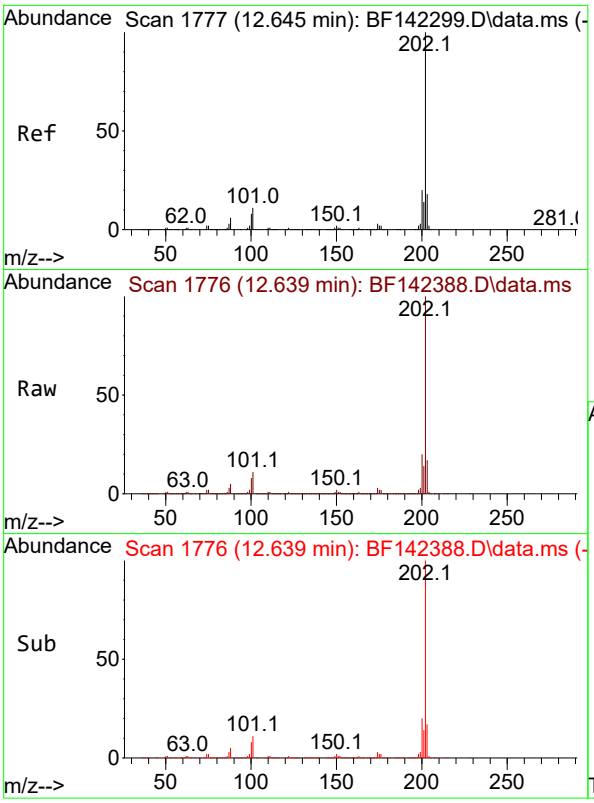


#74
Di-n-butylphthalate
Concen: 50.356 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:149 Resp: 1375619

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.4	3.6	5.4



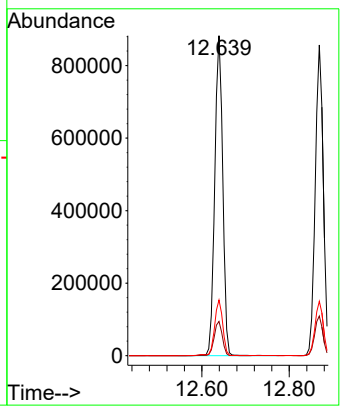


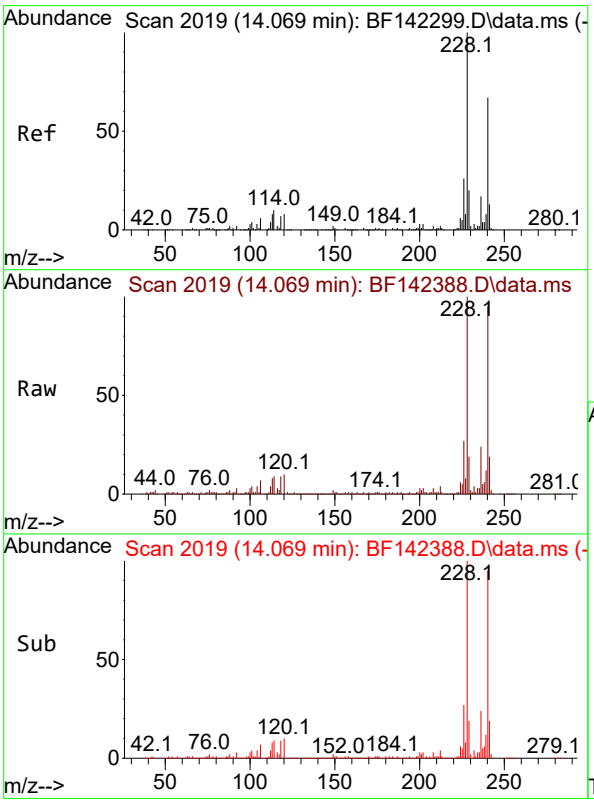
#75
Fluoranthene
Concen: 39.823 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:202 Resp: 1121887

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.4	0.0	37.9

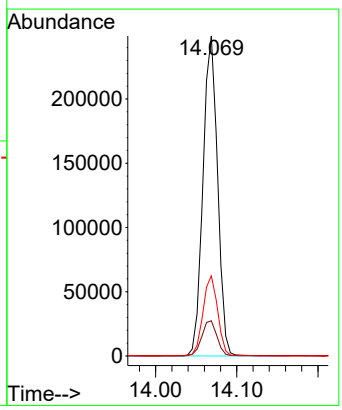


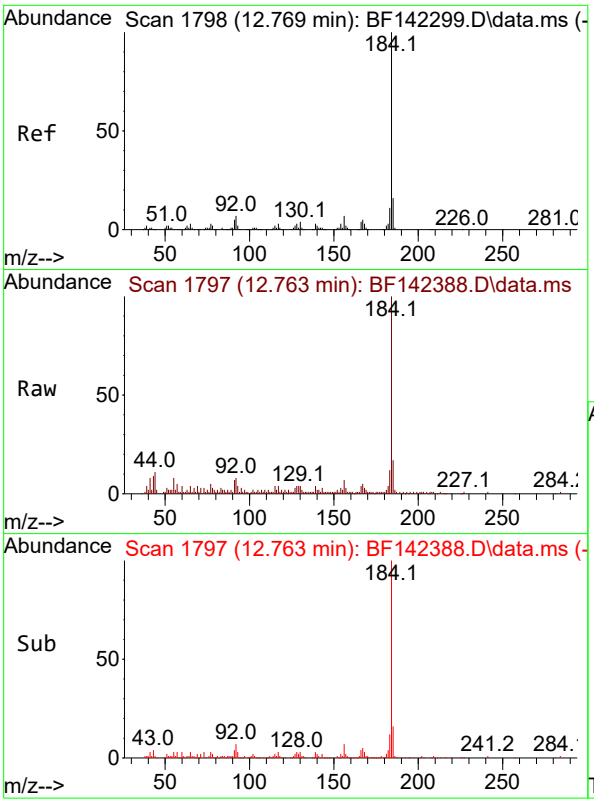


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:240 Resp: 310239

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.7	14.5
236	25.1	20.0	30.0



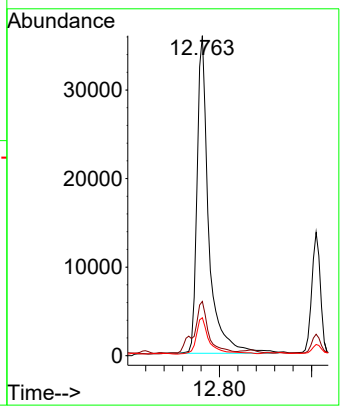


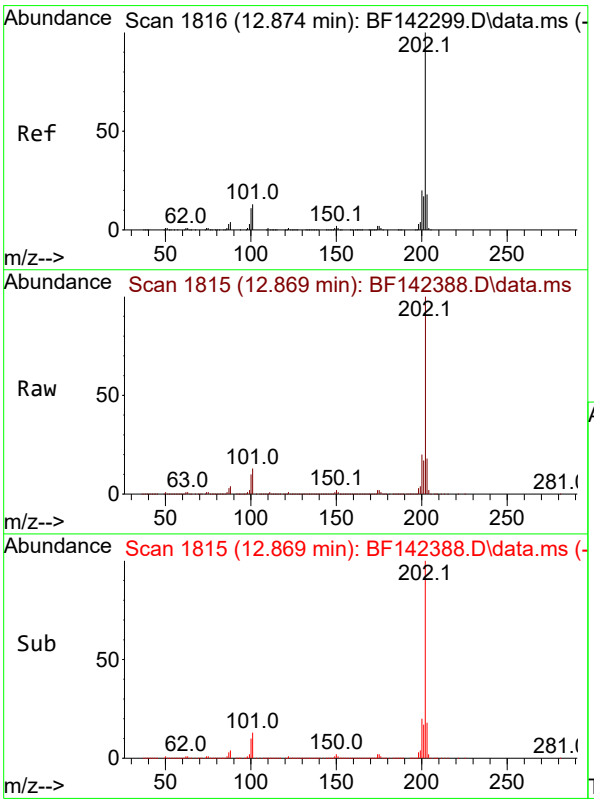
#77
Benzidine
Concen: 11.140 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:184 Resp: 62808

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.6	18.8
183	11.9	8.6	12.8

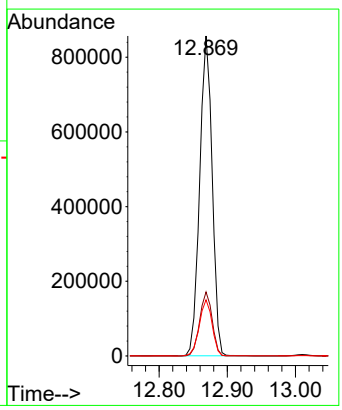


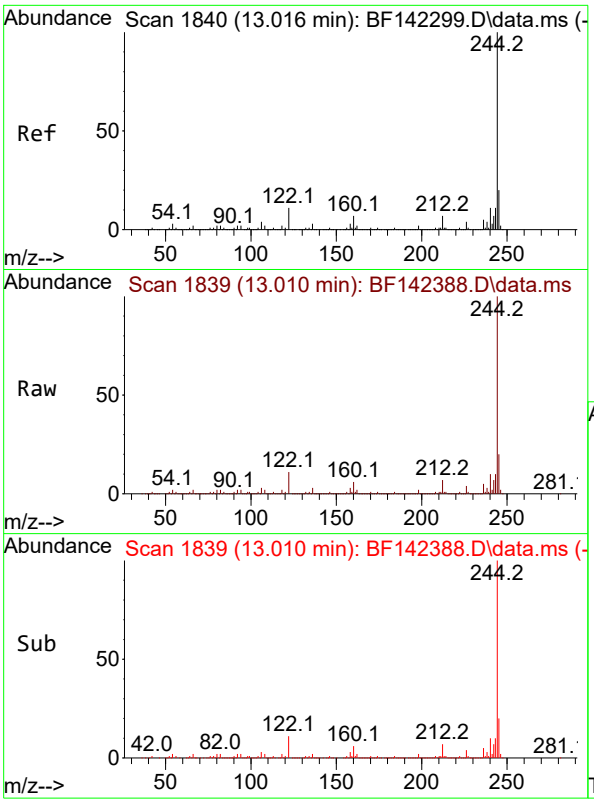


#78
Pyrene
Concen: 39.416 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:202 Resp: 1088440

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.4
203	17.5	14.3	21.5



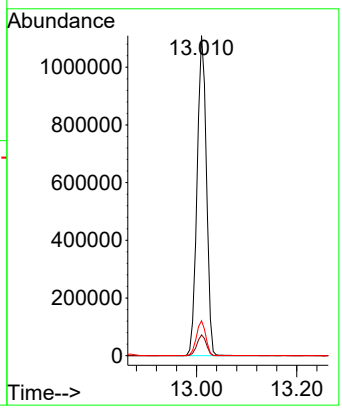


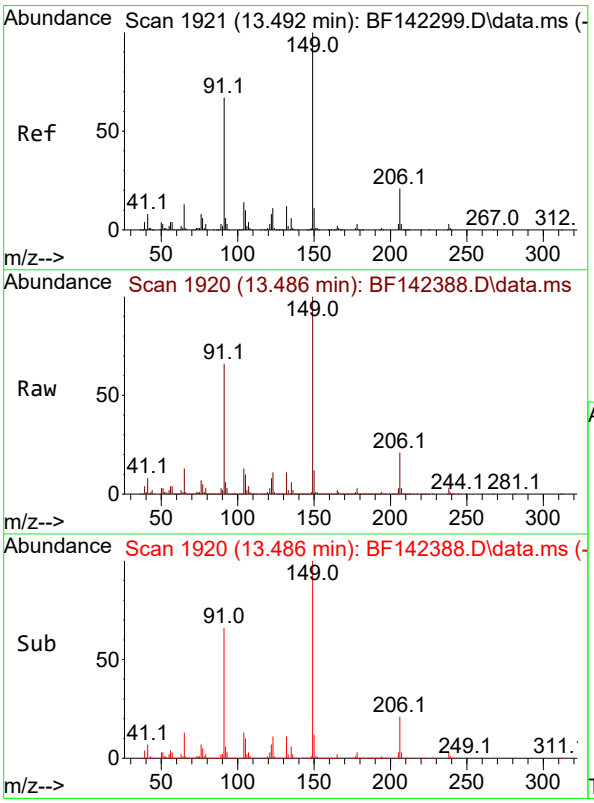
#79
Terphenyl-d14
Concen: 68.221 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:244 Resp: 1429949

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.9	9.0	13.4

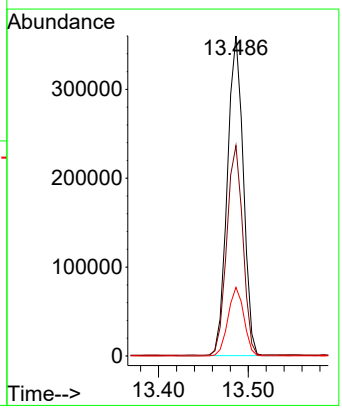


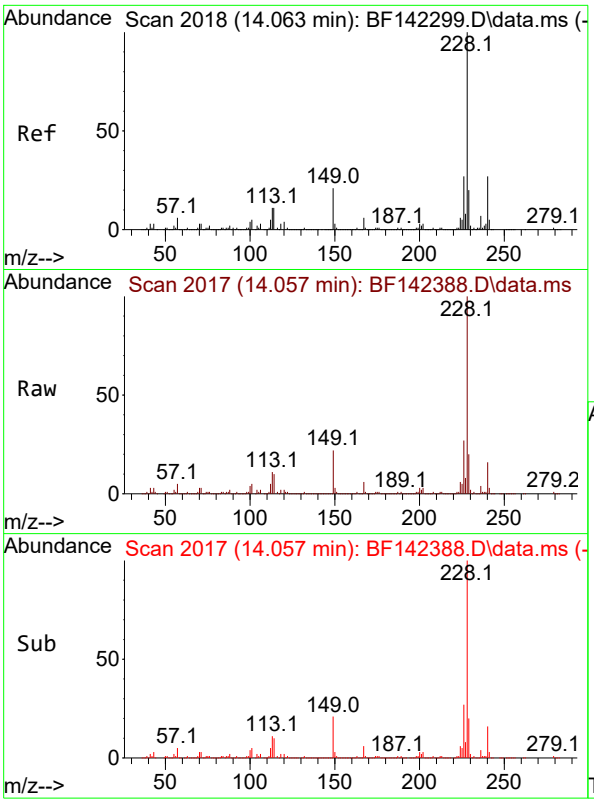


#80
Butylbenzylphthalate
Concen: 54.564 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:149 Resp: 444086

Ion	Ratio	Lower	Upper
149	100		
91	65.8	53.8	80.6
206	21.4	16.6	24.8



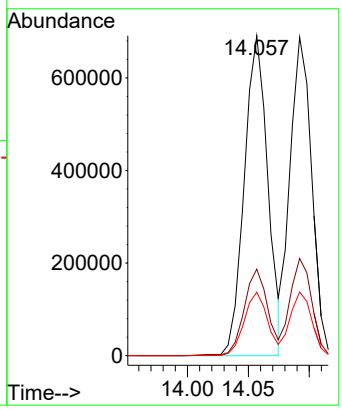


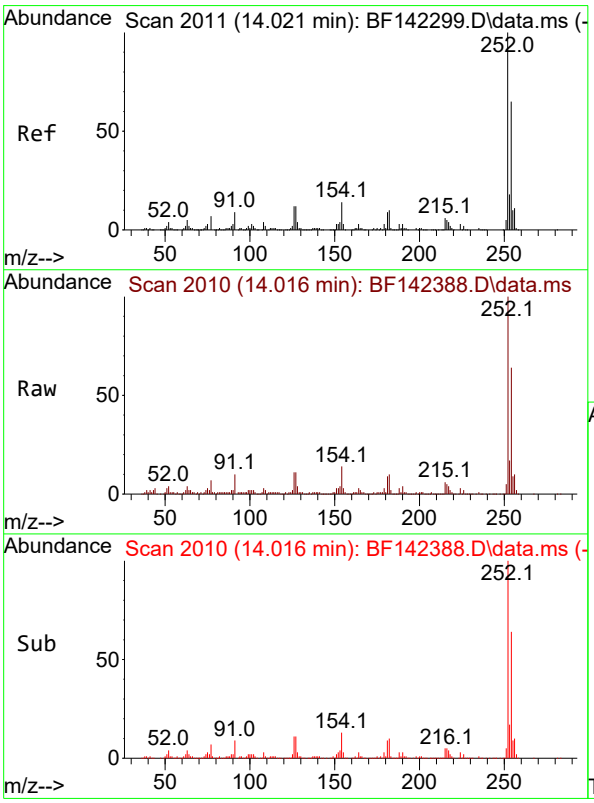
#81
Benzo(a)anthracene
Concen: 46.232 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:228 Resp: 928873

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.9	15.9	23.9

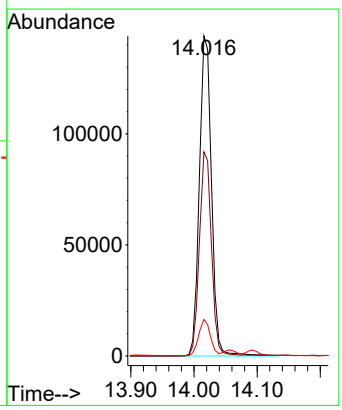


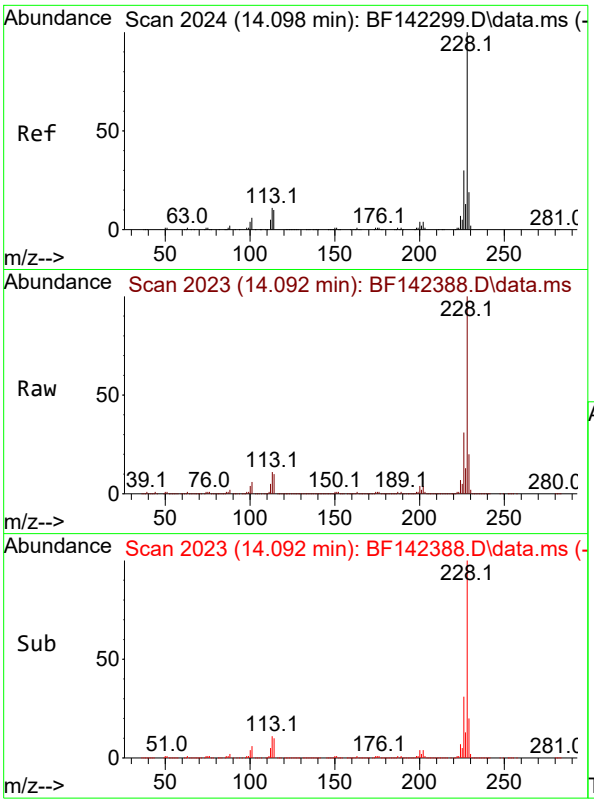


#82
3,3'-Dichlorobenzidine
Concen: 41.159 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:252 Resp: 192303

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.0	78.0
126	11.4	9.7	14.5



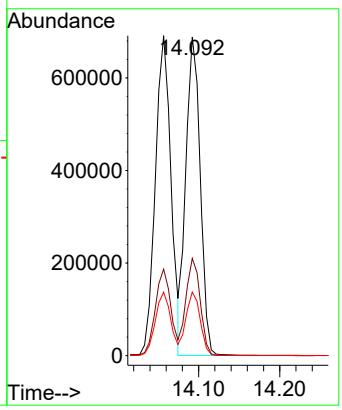


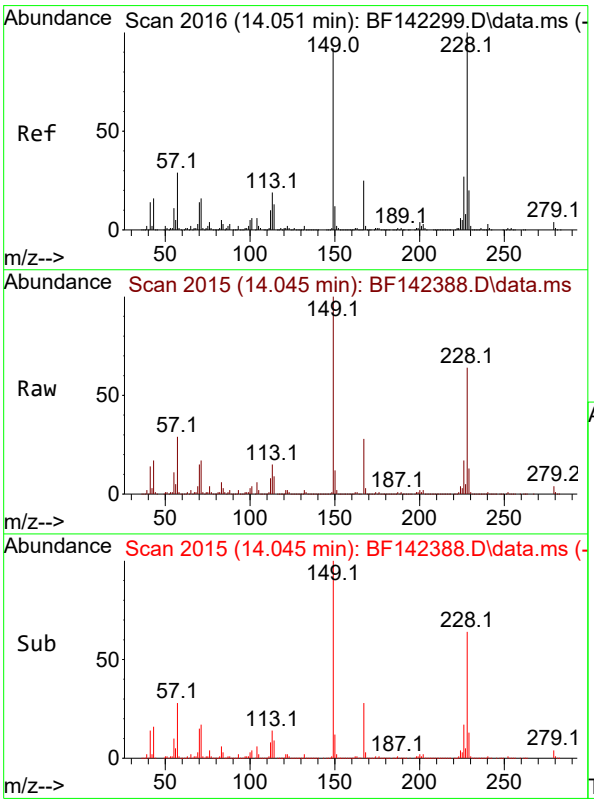
#83
Chrysene
Concen: 45.552 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:228 Resp: 851984

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.0	15.4	23.2

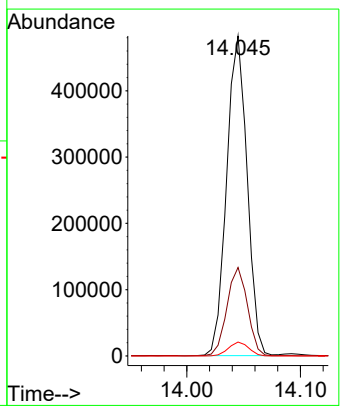


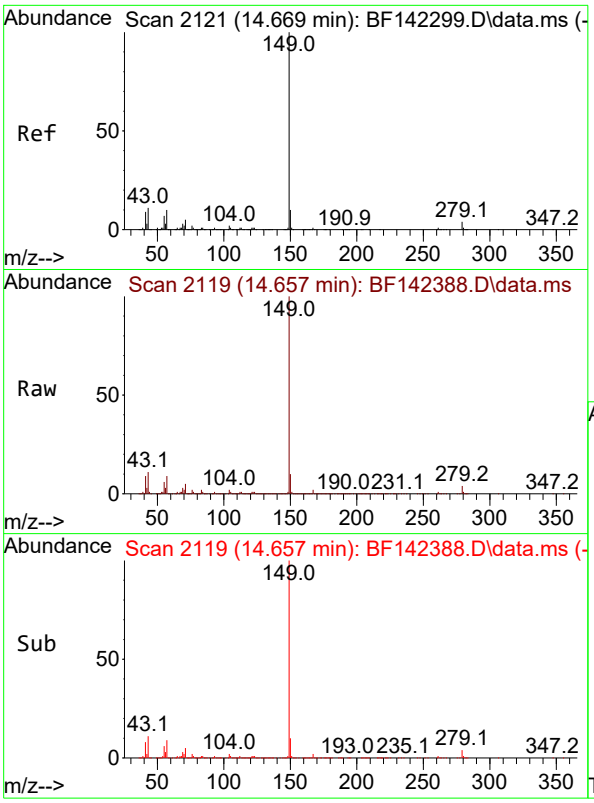


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.725 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:149 Resp: 604179

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.0	33.0
279	4.3	3.0	4.6



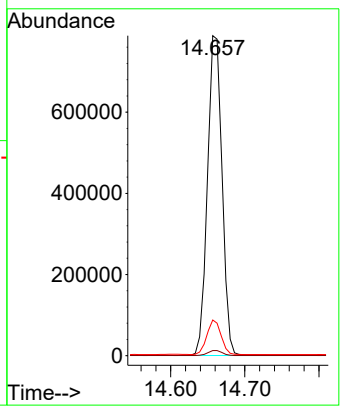


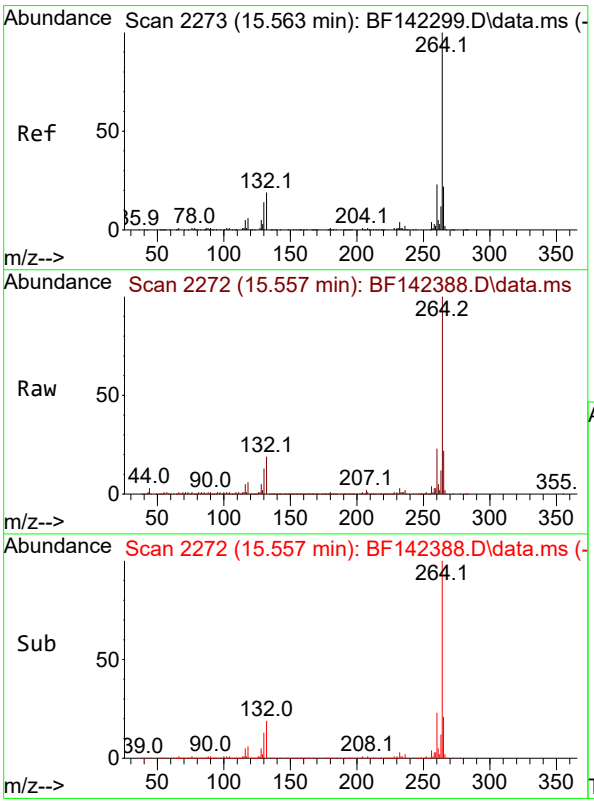
#85
Di-n-octyl phthalate
Concen: 55.501 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:149 Resp: 1077874

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.4	9.2	13.8

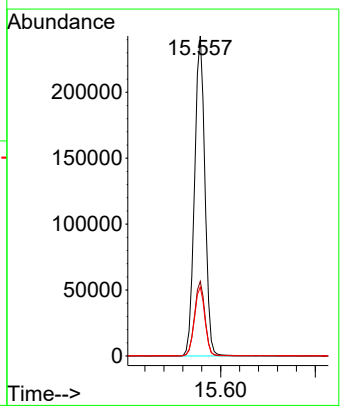


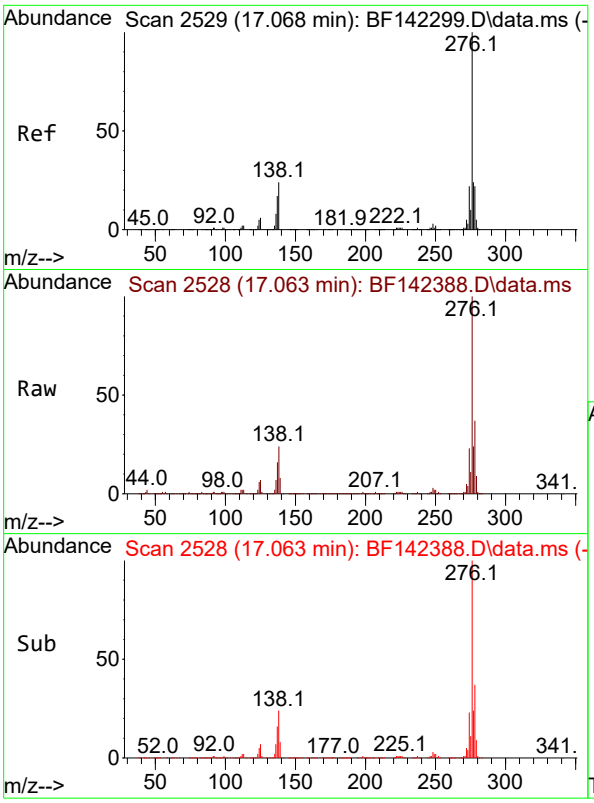


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:264 Resp: 367976

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.5	17.5	26.3



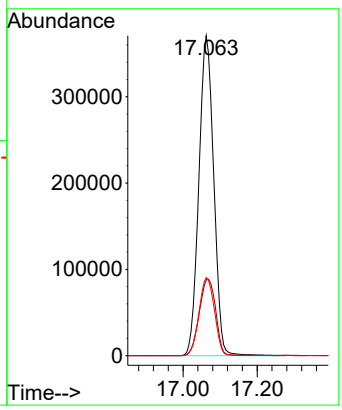


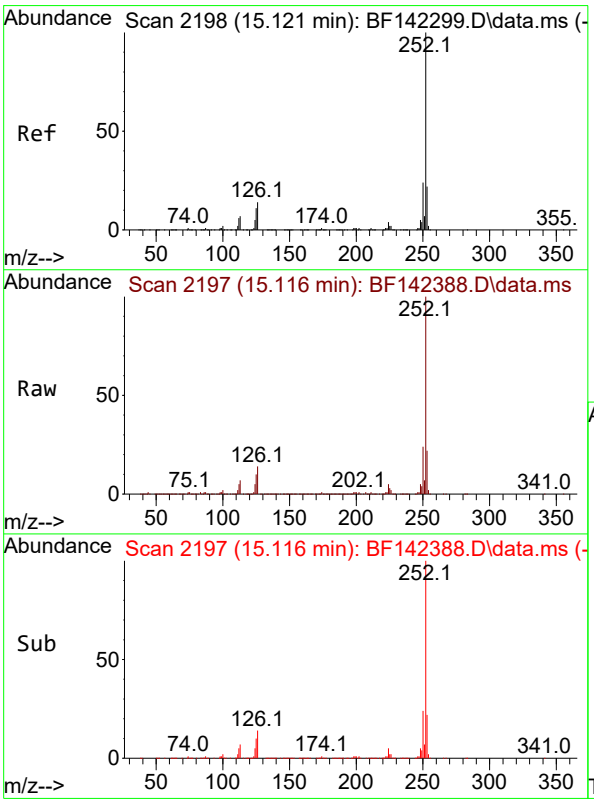
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.337 ng
RT: 17.063 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:276 Resp: 1032531

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.0	33.0
277	25.5	20.1	30.1

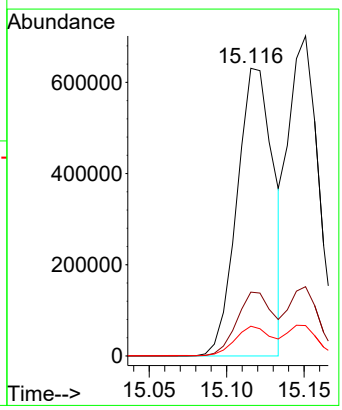


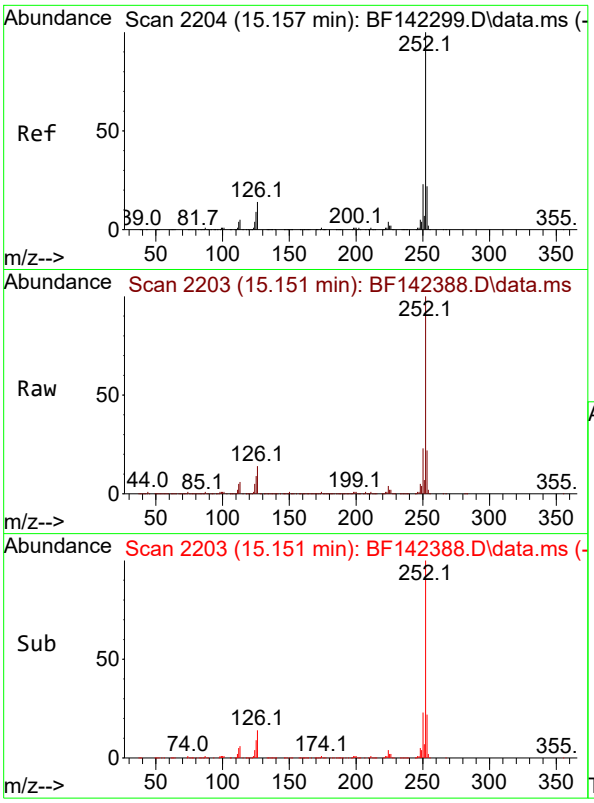


#88
Benzo(b)fluoranthene
Concen: 46.356 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:252 Resp: 1033127

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.7	13.1



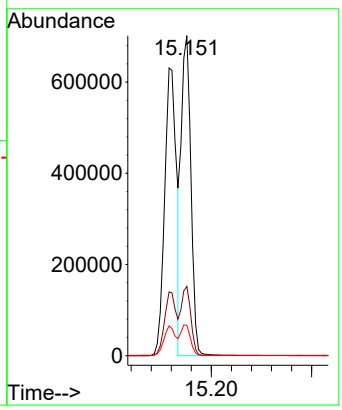


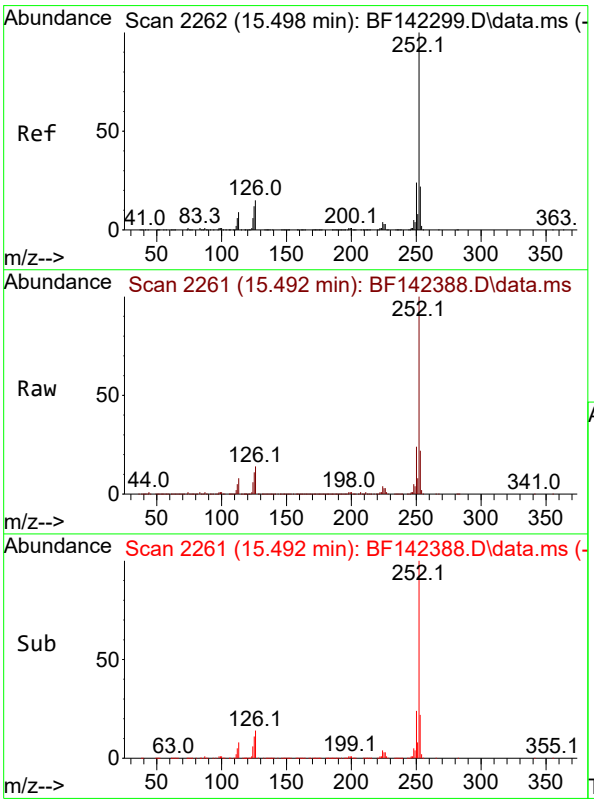
#89
Benzo(k)fluoranthene
Concen: 46.383 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:252 Resp: 946000

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.5	8.1	12.1

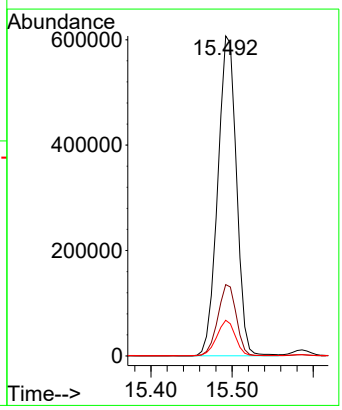


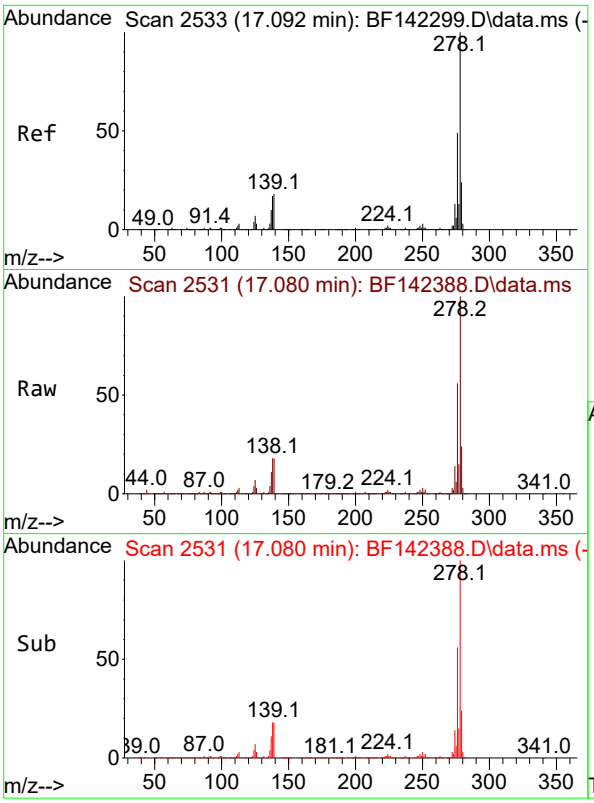


#90
Benzo(a)pyrene
Concen: 48.786 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:252 Resp: 974319

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.1	9.4	14.0



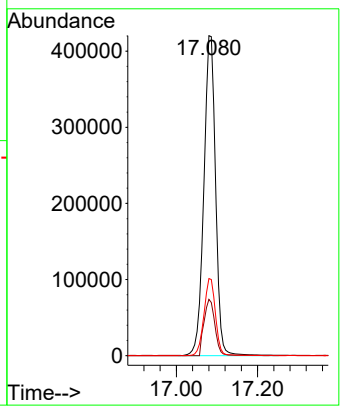


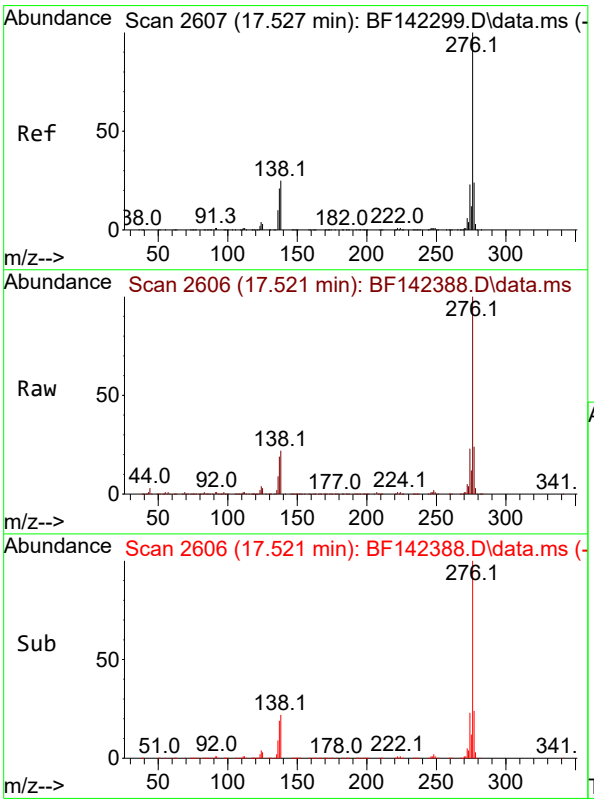
#91
Dibenzo(a,h)anthracene
Concen: 39.856 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:278 Resp: 842856

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	24.1	18.9	28.3

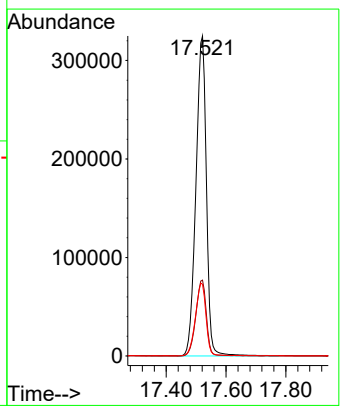




#92
Benzo(g,h,i)perylene
Concen: 37.682 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:276 Resp: 790907

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	22.4	19.8	29.6



Raw Data: **BF142389.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MSD	SDG No.:	Q1993
Lab Sample ID:	Q1993-03MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142389.D	1	05/12/25 08:40	05/15/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	35.6		3.90	10.0	ug/L
108-95-2	Phenol	18.2		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	35.8		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	39.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	34.1		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.9		1.30	5.00	ug/L
98-86-2	Acetophenone	45.0		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	30.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	36.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	48.4		0.76	5.00	ug/L
78-59-1	Isophorone	46.8		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	55.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	43.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.9		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	47.9		0.52	5.00	ug/L
91-20-3	Naphthalene	43.3		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	19.4		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.6		0.54	5.00	ug/L
105-60-2	Caprolactam	9.60	J	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.6		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	45.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	85.8	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	53.2		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	48.5		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	45.0		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.0		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	48.3		0.61	5.00	ug/L

Raw Data: **BF142389.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MSD	SDG No.:	Q1993
Lab Sample ID:	Q1993-03MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142389.D	1	05/12/25 08:40	05/15/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	45.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	56.8		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	50.9		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	37.9		2.40	10.0	ug/L
132-64-9	Dibenzofuran	44.7		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	58.4		1.20	5.00	ug/L
84-66-2	Diethylphthalate	72.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.2		0.68	5.00	ug/L
86-73-7	Fluorene	44.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	51.9		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	62.4		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	50.3		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	52.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	52.2		0.52	5.00	ug/L
1912-24-9	Atrazine	49.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	46.9		0.50	5.00	ug/L
120-12-7	Anthracene	46.4		0.61	5.00	ug/L
86-74-8	Carbazole	42.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.2		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.6		0.82	5.00	ug/L
129-00-0	Pyrene	42.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	58.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	42.8		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.7		0.45	5.00	ug/L
218-01-9	Chrysene	48.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	60.9		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	57.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.6		0.49	5.00	ug/L

Raw Data: **BF142389.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/08/25
Project:	Con Ed Non-MGP - East River M0SF 454453	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MSD	SDG No.:	Q1993
Lab Sample ID:	Q1993-03MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142389.D	1	05/12/25 08:40	05/15/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	48.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	50.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	37.8		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.9		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	18.2		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.2		10 - 139	45%	SPK: 150
13127-88-3	Phenol-d6	43.9		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.4		49 - 133	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	73.5		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	6.904			
1146-65-2	Naphthalene-d8	662000	8.186			
15067-26-2	Acenaphthene-d10	357000	9.939			
1517-22-2	Phenanthrene-d10	547000	11.427			
1719-03-5	Chrysene-d12	314000	14.068			
1520-96-3	Perylene-d12	374000	15.557			

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

Sample Results: **BF142389.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142389.D
Acq On : 15 May 2025 12:47
Operator : RC/JU
Sample : Q1993-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Quant Time: May 15 13:30:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	172657	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	662026	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	357440	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	546787	20.000	ng		0.00
76) Chrysene-d12	14.068	240	314221	20.000	ng		0.00
86) Perylene-d12	15.557	264	374057	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	679597	67.192	ng		0.00
7) Phenol-d6	6.522	99	545778	43.874	ng		0.00
23) Nitrobenzene-d5	7.469	82	981708	90.437	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	496952	144.002	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1972111	78.670	ng		0.00
79) Terphenyl-d14	13.010	244	1560715	73.516	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	83098	18.245	ng		98
3) Pyridine	3.493	79	193764	18.120	ng		97
4) n-Nitrosodimethylamine	3.434	42	124182	19.981	ng		96
6) Aniline	6.563	93	429774	35.223	ng		99
8) 2-Chlorophenol	6.687	128	429490	39.738	ng		97
9) Benzaldehyde	6.451	77	259230	35.605	ng		100
10) Phenol	6.534	94	239943	18.197	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	465560	35.803	ng		97
12) 1,3-Dichlorobenzene	6.845	146	437405	35.374	ng		98
13) 1,4-Dichlorobenzene	6.922	146	447175	36.019	ng		99
14) 1,2-Dichlorobenzene	7.075	146	440362	36.953	ng		100
15) Benzyl Alcohol	7.039	79	288653	35.835	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	794103	40.894	ng		99
17) 2-Methylphenol	7.151	107	298612	34.126	ng		99
18) Hexachloroethane	7.416	117	149837	36.273	ng		100
19) n-Nitroso-di-n-propyla...	7.316	70	352727	45.840	ng		97
20) 3+4-Methylphenols	7.304	107	327459	29.985	ng	#	67
22) Acetophenone	7.310	105	662853	45.031	ng		99
24) Nitrobenzene	7.487	77	494951	48.371	ng		96
25) Isophorone	7.722	82	961365	46.768	ng		100
26) 2-Nitrophenol	7.798	139	278478	55.742	ng		99
27) 2,4-Dimethylphenol	7.834	122	447099	43.261	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	606692	45.900	ng		99
29) 2,4-Dichlorophenol	8.039	162	420656	47.875	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	418015	42.273	ng		99
31) Naphthalene	8.210	128	1389634	43.310	ng		100
32) Benzoic acid	7.910	122	100050	23.298	ng		98
33) 4-Chloroaniline	8.251	127	254426m	19.433	ng		
34) Hexachlorobutadiene	8.322	225	243324	41.556	ng		99
35) Caprolactam	8.622	113	24538m	9.582	ng		
36) 4-Chloro-3-methylphenol	8.722	107	398461	43.626	ng		99
37) 2-Methylnaphthalene	8.898	142	897809	45.031	ng		100
38) 1-Methylnaphthalene	8.998	142	928360	44.675	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	448092	44.886	ng		99
41) Hexachlorocyclopentadiene	9.051	237	529316	85.793	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	334881	53.182	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142389.D
Acq On : 15 May 2025 12:47
Operator : RC/JU
Sample : Q1993-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Quant Time: May 15 13:30:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

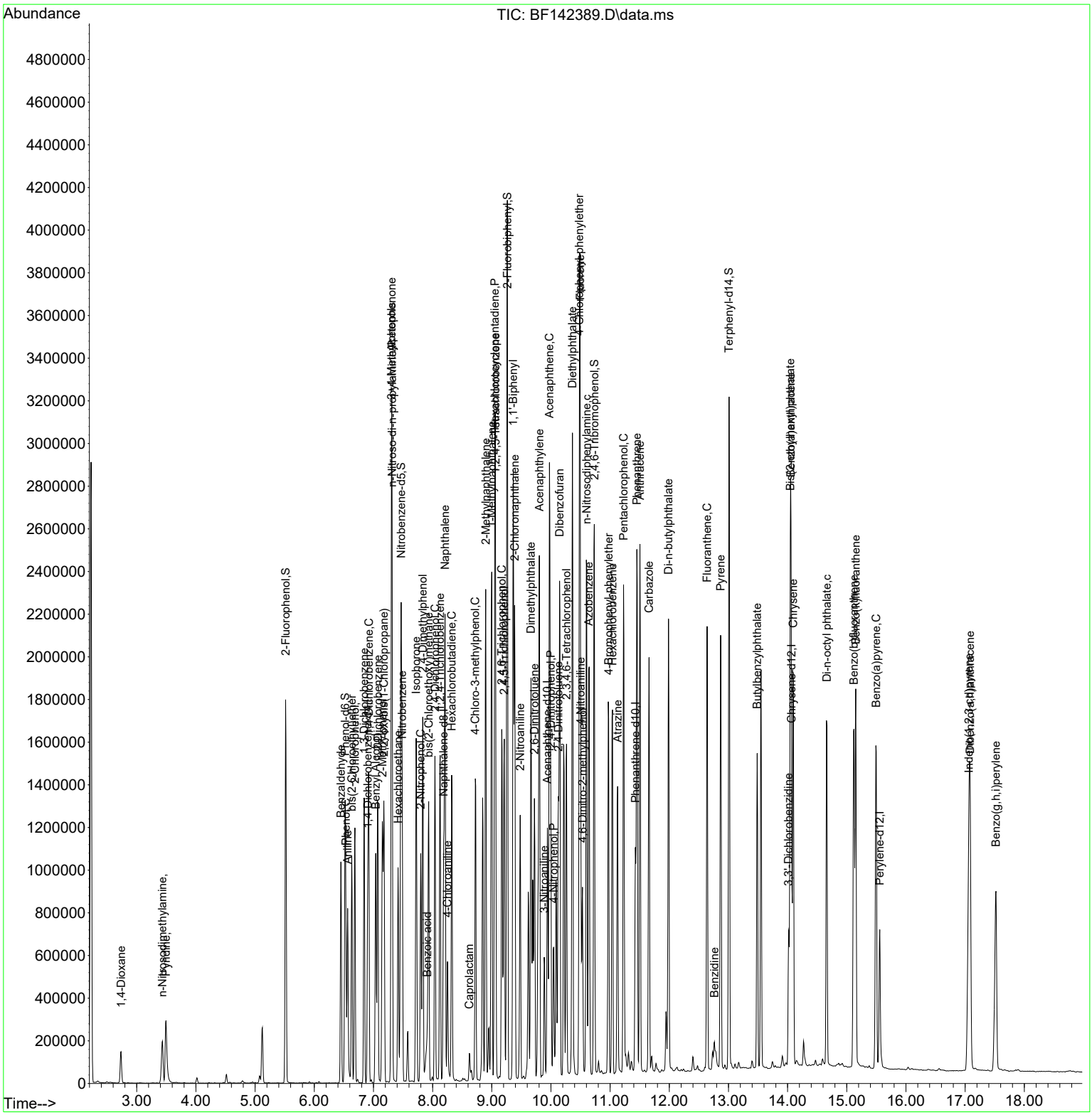
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	324822	48.481	ng		98
46) 1,1'-Biphenyl	9.363	154	1234418	45.041	ng		99
47) 2-Chloronaphthalene	9.386	162	917216	45.002	ng		99
48) 2-Nitroaniline	9.480	65	282636	54.101	ng		93
49) Acenaphthylene	9.804	152	1533127	44.966	ng		100
50) Dimethylphthalate	9.663	163	1109141	48.324	ng		100
51) 2,6-Dinitrotoluene	9.722	165	244138	56.826	ng		91
52) Acenaphthene	9.975	154	1043039	50.877	ng		100
53) 3-Nitroaniline	9.886	138	130415	25.883	ng		98
54) 2,4-Dinitrophenol	9.998	184	265247	114.370	ng	#	1
55) Dibenzofuran	10.145	168	1352552	44.704	ng		99
56) 4-Nitrophenol	10.045	139	143679	37.888	ng		95
57) 2,4-Dinitrotoluene	10.128	165	321887	58.409	ng		94
58) Fluorene	10.492	166	1019788	44.166	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	281314	50.862	ng		97
60) Diethylphthalate	10.363	149	1662268	72.520	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	514546	46.190	ng		99
62) 4-Nitroaniline	10.504	138	207168	51.876	ng		100
63) Azobenzene	10.639	77	995905	45.468	ng		100
65) 4,6-Dinitro-2-methylph...	10.533	198	165536	62.409	ng		96
66) n-Nitrosodiphenylamine	10.604	169	916055	50.347	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	325670	52.554	ng		95
68) Hexachlorobenzene	11.039	284	355537	52.158	ng		95
69) Atrazine	11.127	200	235144	49.027	ng		99
70) Pentachlorophenol	11.227	266	397210	110.768	ng		98
71) Phenanthrene	11.451	178	1344429	46.908	ng		100
72) Anthracene	11.504	178	1366126	46.389	ng		100
73) Carbazole	11.657	167	1133485	42.901	ng		99
74) Di-n-butylphthalate	11.986	149	1504794	54.164	ng		100
75) Fluoranthene	12.639	202	1219362	42.560	ng		99
77) Benzidine	12.763	184	82144	14.385	ng		98
78) Pyrene	12.869	202	1194024	42.691	ng		100
80) Butylbenzylphthalate	13.486	149	487221	58.801	ng		98
81) Benzo(a)anthracene	14.057	228	990604	48.680	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	202558	42.804	ng		100
83) Chrysene	14.092	228	918925	48.508	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	661166	60.948	ng		100
85) Di-n-octyl phthalate	14.663	149	1132929	57.300	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1062226	40.822	ng		98
88) Benzo(b)fluoranthene	15.121	252	1077537	47.563	ng		99
89) Benzo(k)fluoranthene	15.151	252	1006024	48.525	ng		100
90) Benzo(a)pyrene	15.498	252	1021358	50.310	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	868581	40.405	ng		98
92) Benzo(g,h,i)perylene	17.521	276	805852	37.770	ng		97

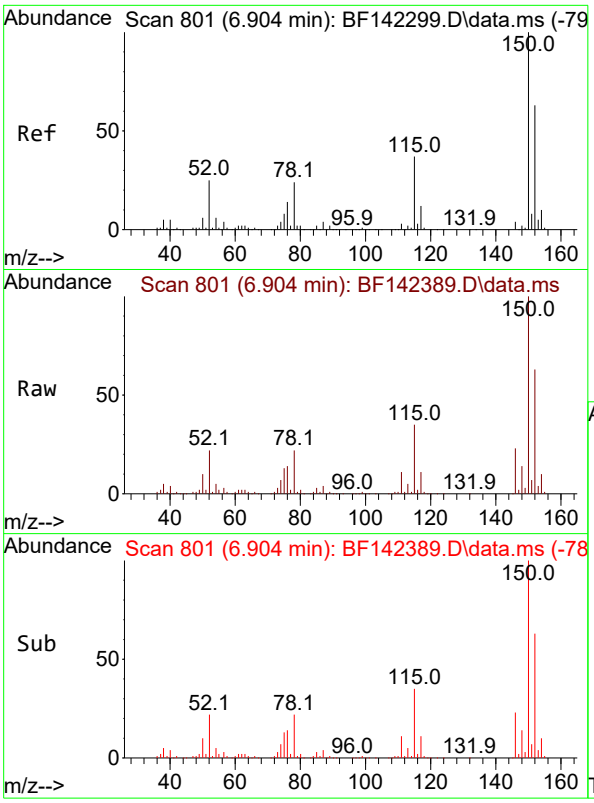
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142389.D
Acq On : 15 May 2025 12:47
Operator : RC/JU
Sample : Q1993-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Quant Time: May 15 13:30:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration



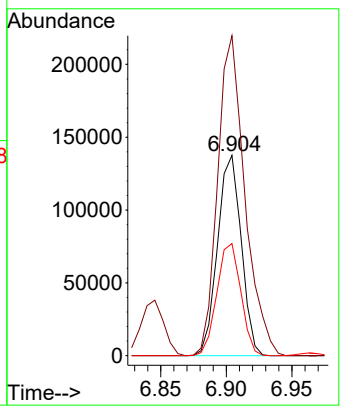


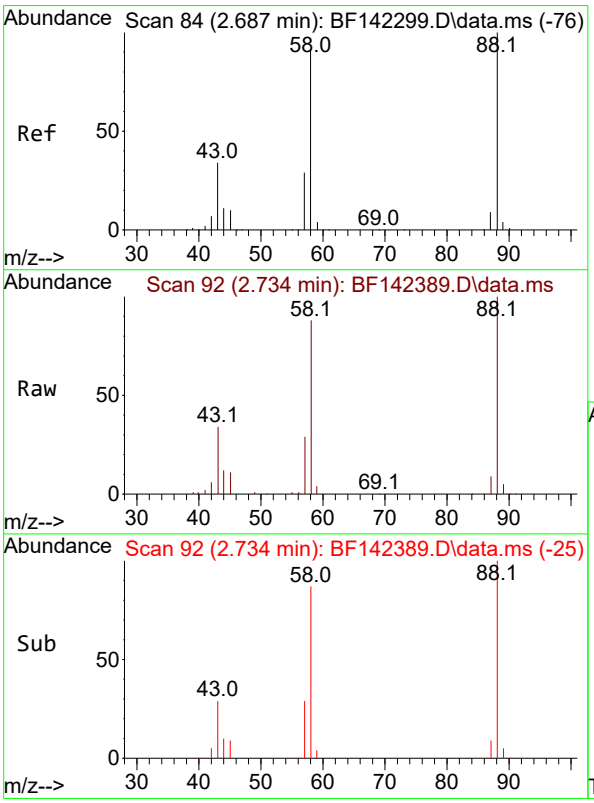
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:152 Resp: 172657

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	190.0
115	56.0	47.3	70.9

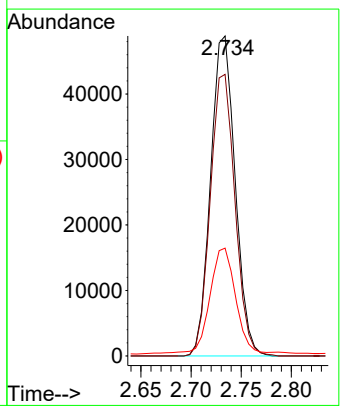


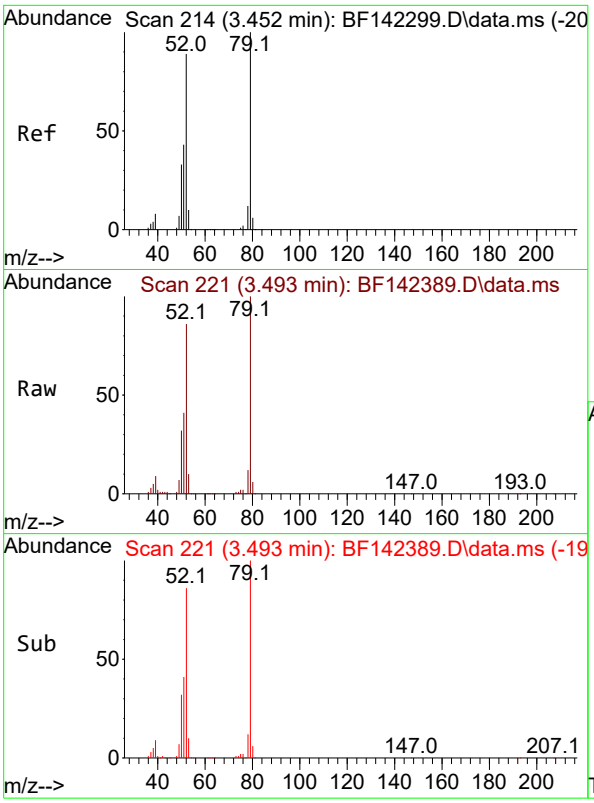


#2
1,4-Dioxane
Concen: 18.245 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.047 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 88 Resp: 83098

Ion	Ratio	Lower	Upper
88	100		
58	88.6	73.0	109.4
43	35.5	27.8	41.6



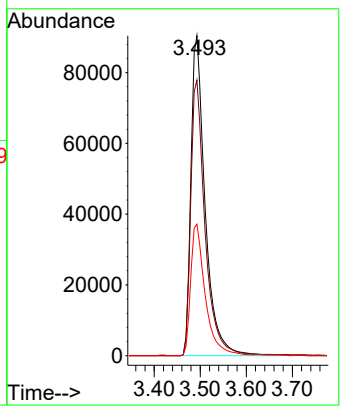


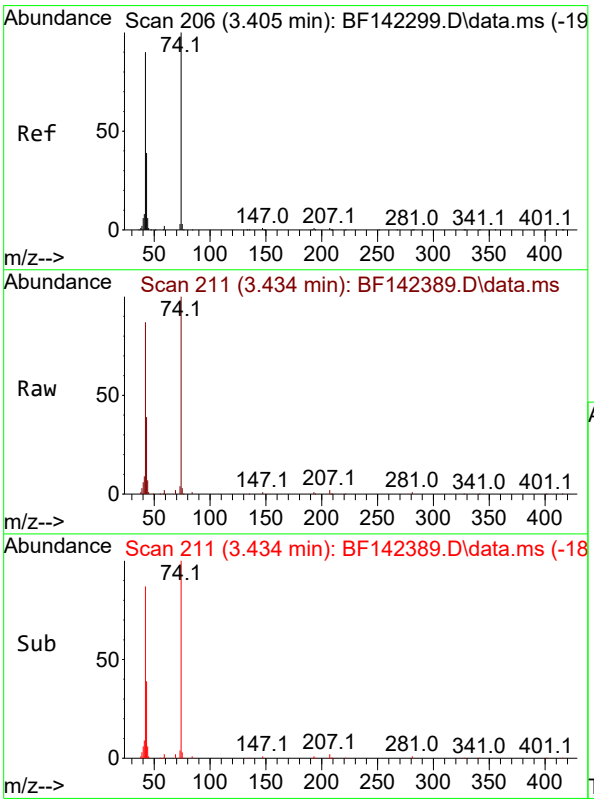
#3
Pyridine
Concen: 18.120 ng
RT: 3.493 min Scan# 2
Delta R.T. 0.041 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 79 Resp: 193764

Ion	Ratio	Lower	Upper
79	100		
52	86.1	71.0	106.4
51	41.1	34.9	52.3

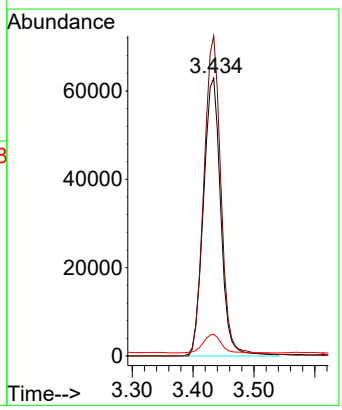


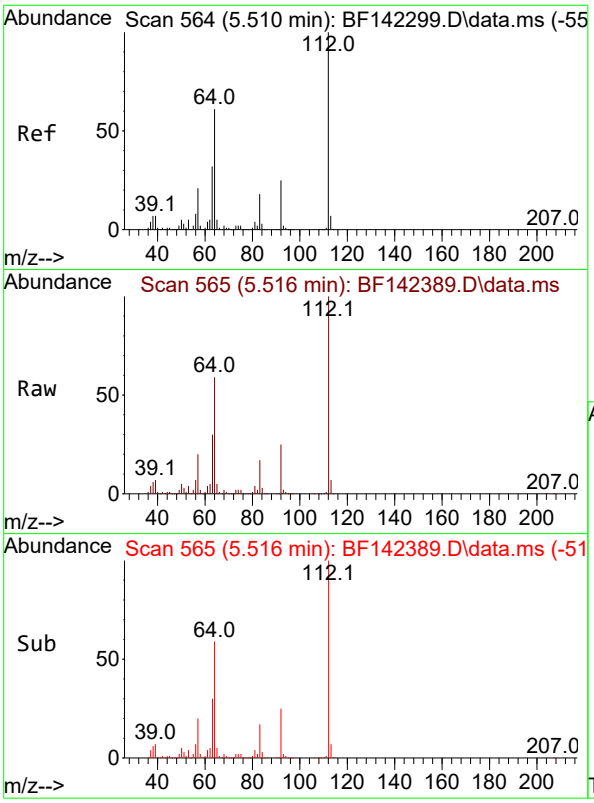


#4
n-Nitrosodimethylamine
Concen: 19.981 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.029 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 42 Resp: 124182

Ion	Ratio	Lower	Upper
42	100		
74	115.2	88.5	132.7
44	7.8	5.8	8.8



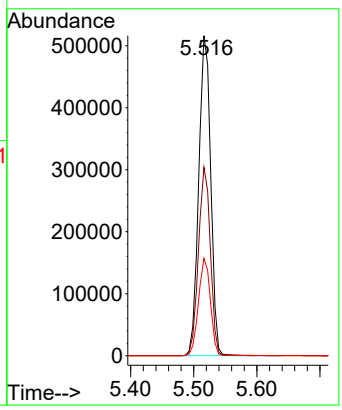


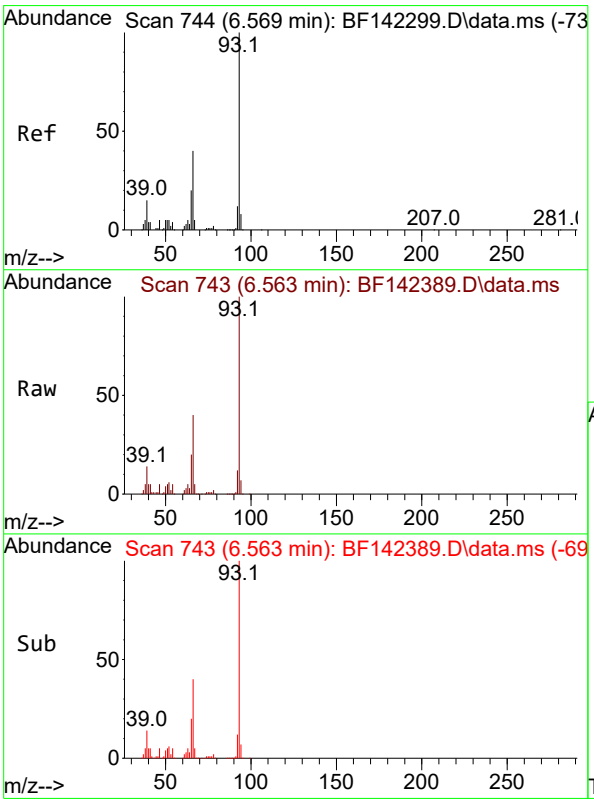
#5
2-Fluorophenol
Concen: 67.192 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:112 Resp: 679597

Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.9	73.3
63	30.4	25.6	38.4

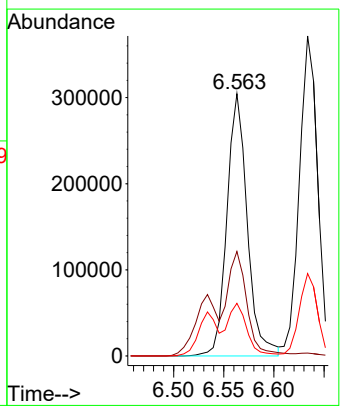


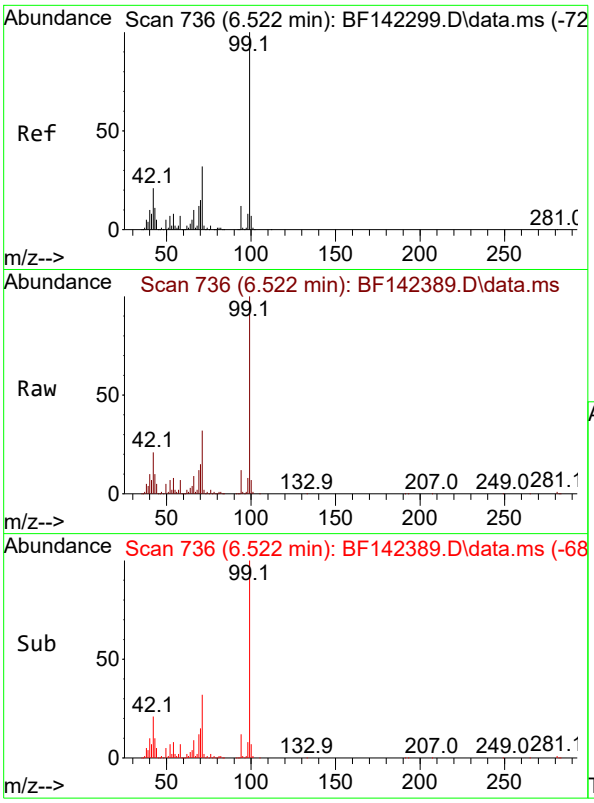


#6
Aniline
Concen: 35.223 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 93 Resp: 429774

Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.2	48.4
65	20.1	16.3	24.5



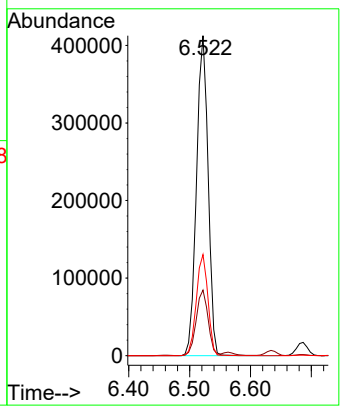


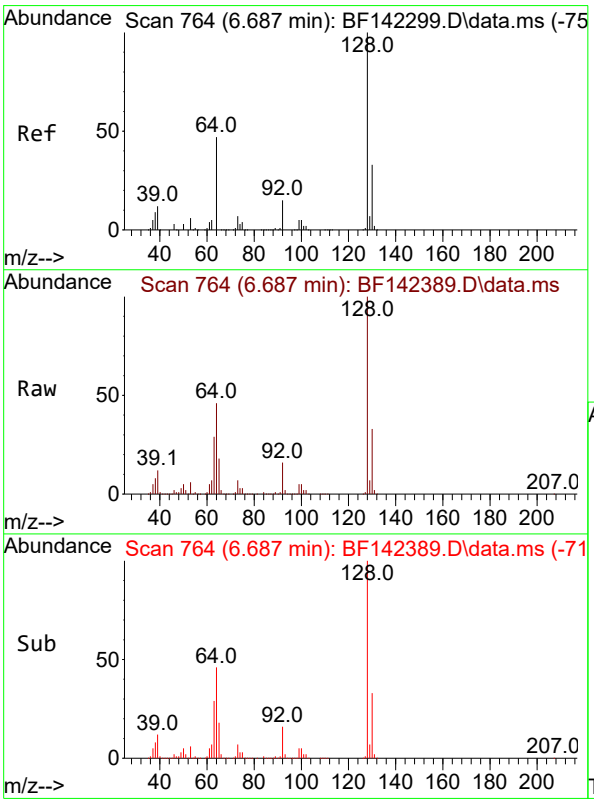
#7
Phenol-d6
Concen: 43.874 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 99 Resp: 545778

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	31.6	25.8	38.8

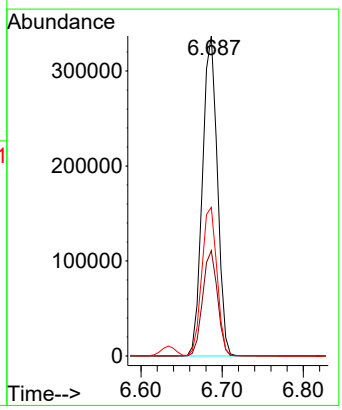


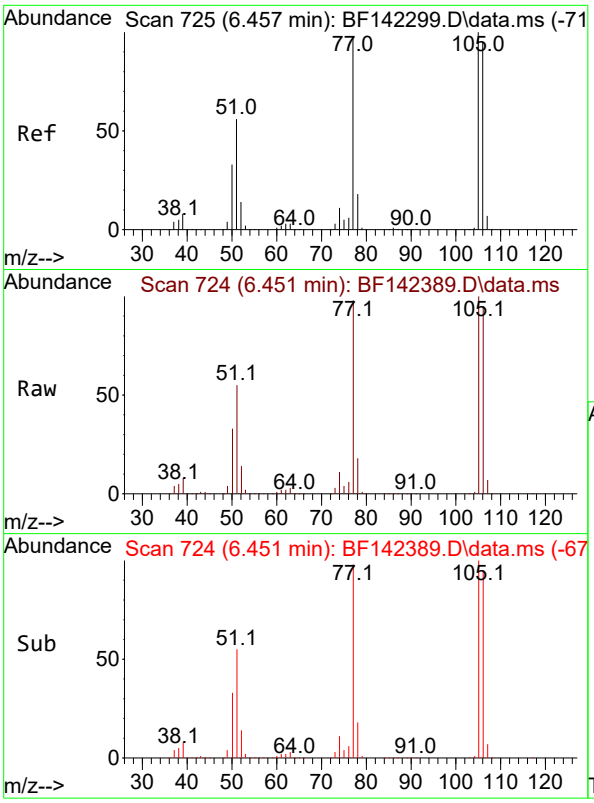


#8
2-Chlorophenol
Concen: 39.738 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:128 Resp: 429490

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	46.5	29.2	69.2



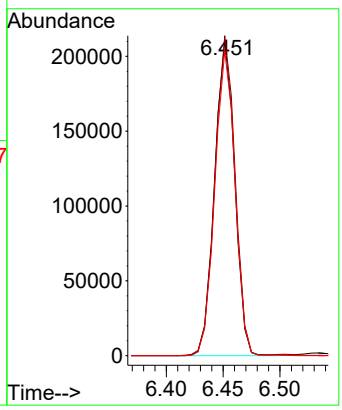


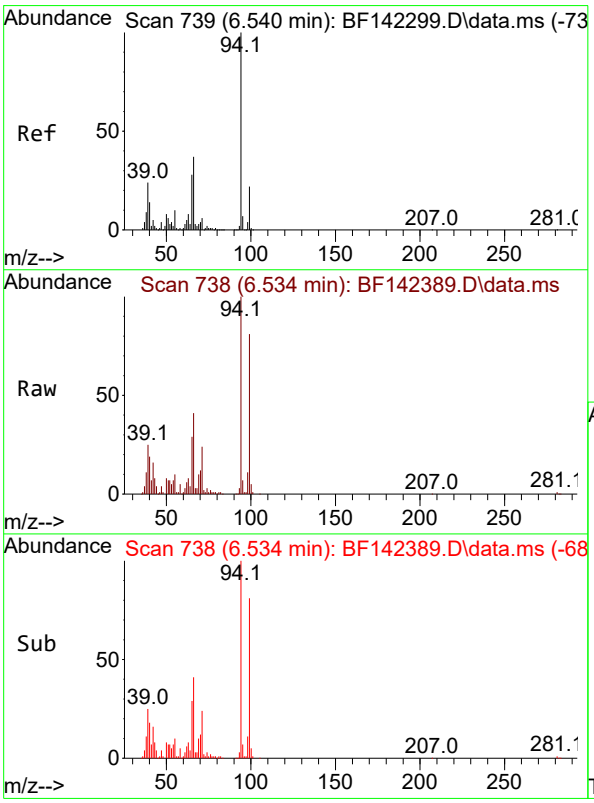
#9
Benzaldehyde
Concen: 35.605 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 77 Resp: 259230

Ion	Ratio	Lower	Upper
77	100		
105	101.6	82.0	122.0
106	96.8	77.2	117.2

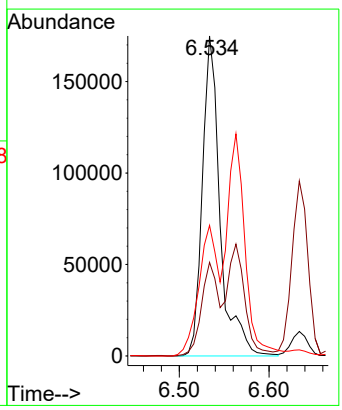


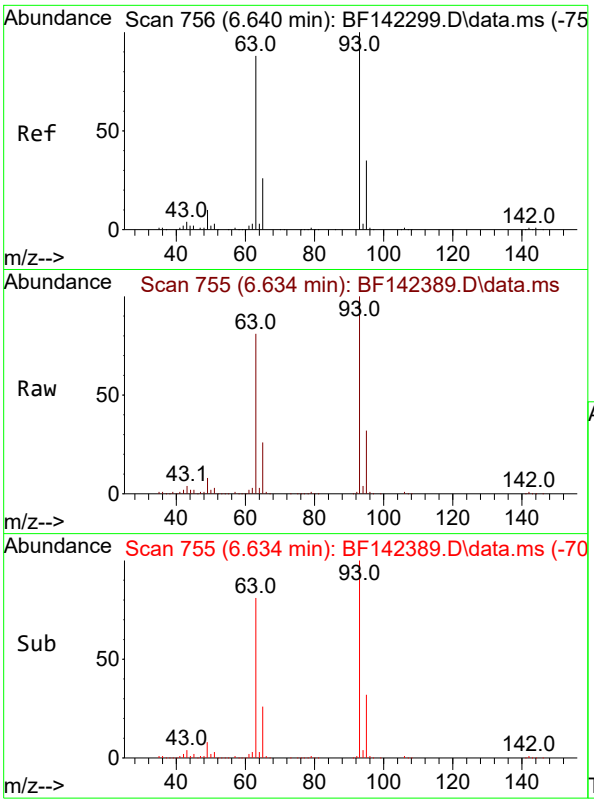


#10
Phenol
Concen: 18.197 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 94 Resp: 239943

Ion	Ratio	Lower	Upper
94	100		
65	29.3	8.5	48.5
66	40.8	17.3	57.3



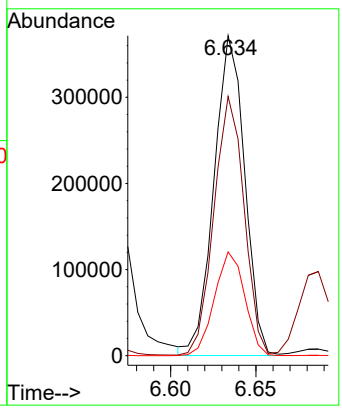


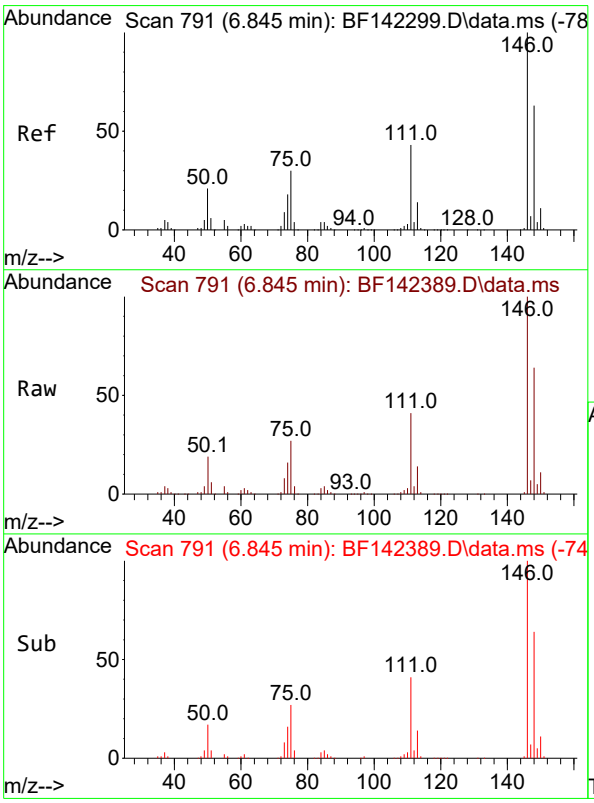
#11
bis(2-Chloroethyl)ether
Concen: 35.803 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 93 Resp: 465560

Ion	Ratio	Lower	Upper
93	100		
63	81.0	58.4	98.4
95	32.4	10.6	50.6

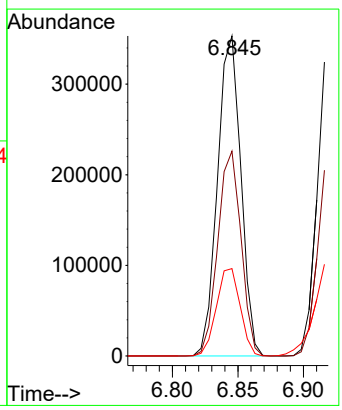


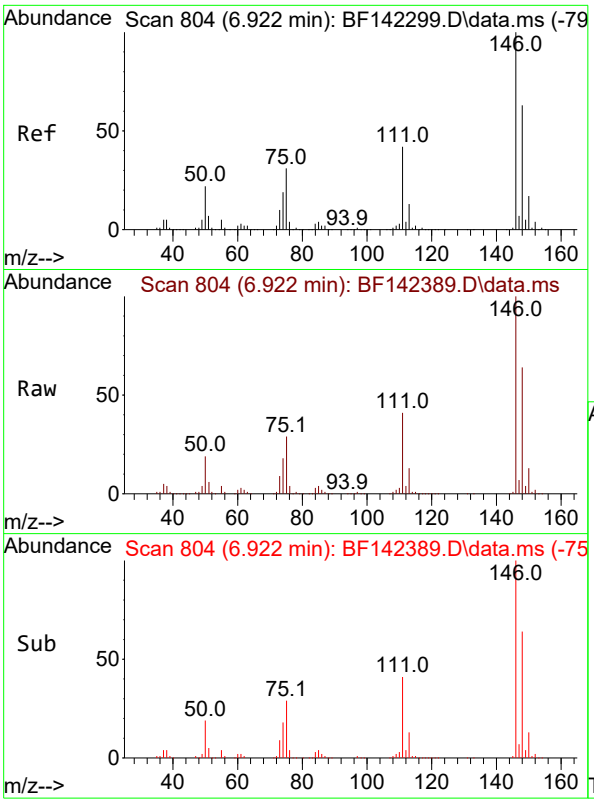


#12
1,3-Dichlorobenzene
Concen: 35.374 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:146 Resp: 437405

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
75	27.3	24.2	36.4



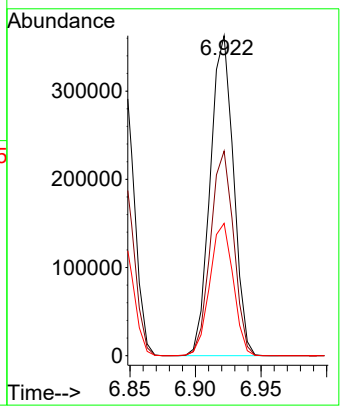


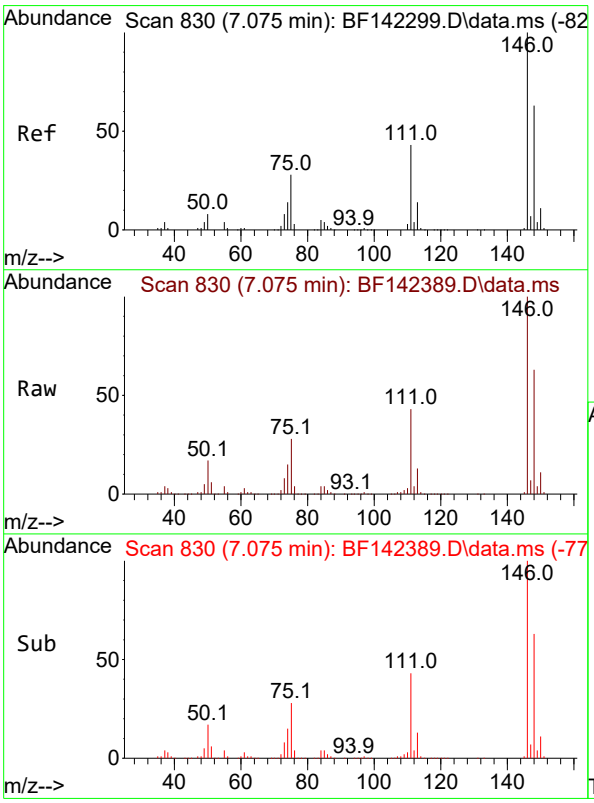
#13
1,4-Dichlorobenzene
Concen: 36.019 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:146 Resp: 447175

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	41.3	33.4	50.2

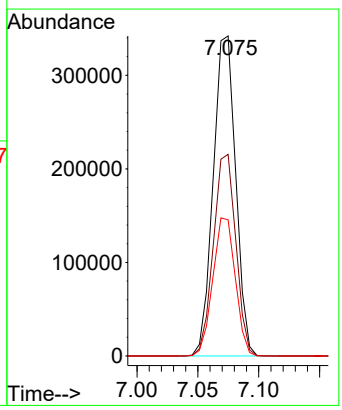


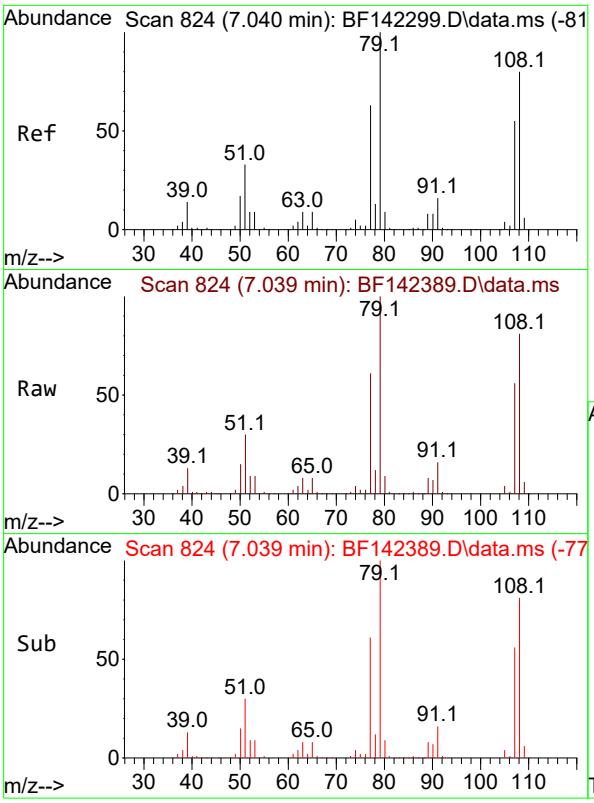


#14
1,2-Dichlorobenzene
Concen: 36.953 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:146 Resp: 440362

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	42.6	34.5	51.7



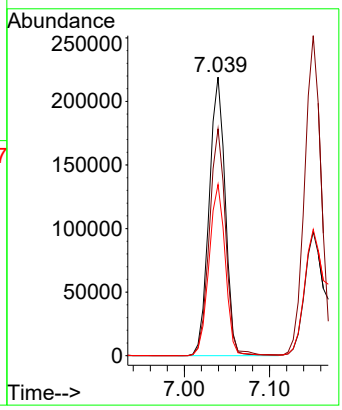


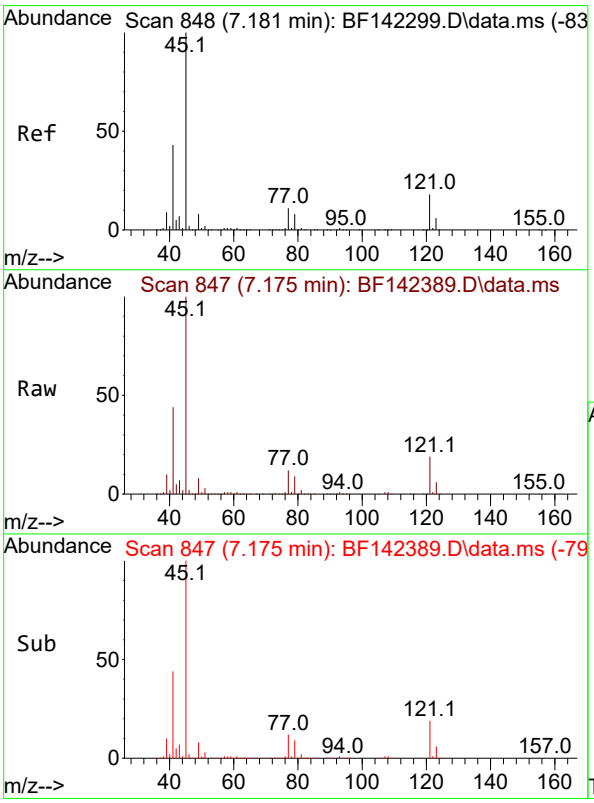
#15
Benzyl Alcohol
Concen: 35.835 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 79 Resp: 288653

Ion	Ratio	Lower	Upper
79	100		
108	81.4	63.9	95.9
77	61.5	50.7	76.1

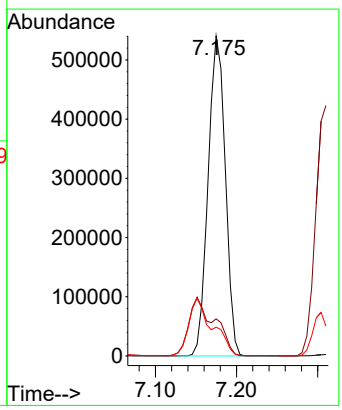


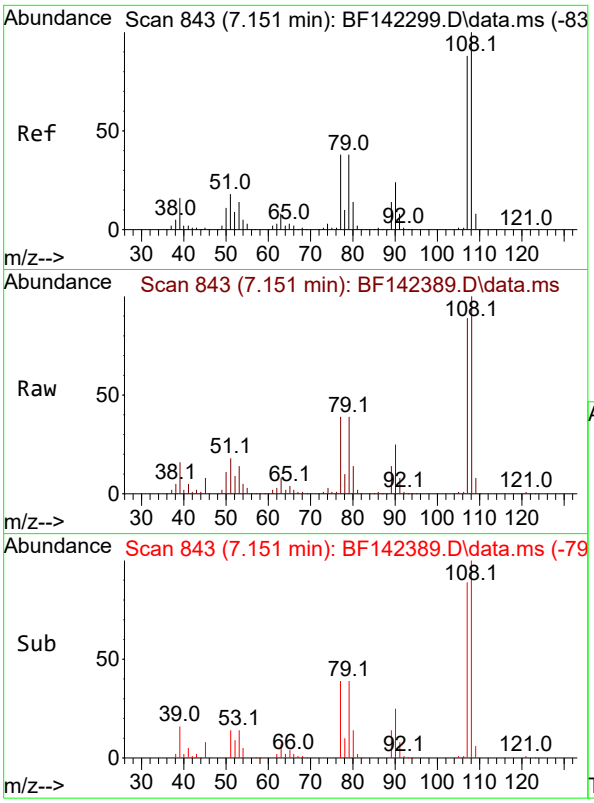


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.894 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 45 Resp: 794103

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	31.2
79	9.0	0.0	28.5



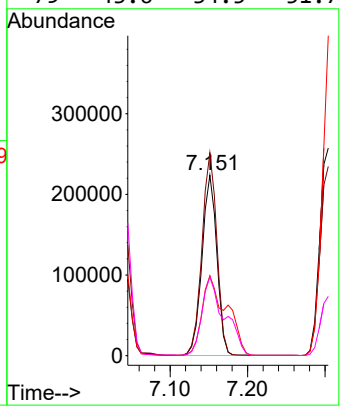


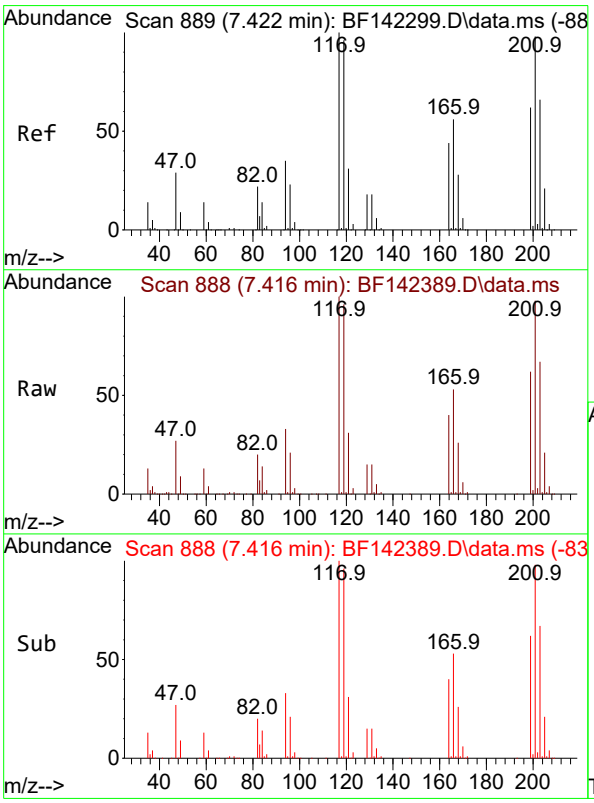
#17
2-Methylphenol
Concen: 34.126 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:107 Resp: 298612

Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	44.4	34.7	52.1
79	43.6	34.5	51.7

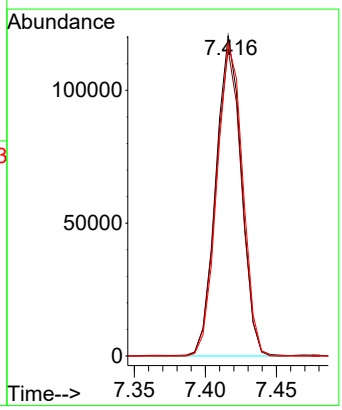


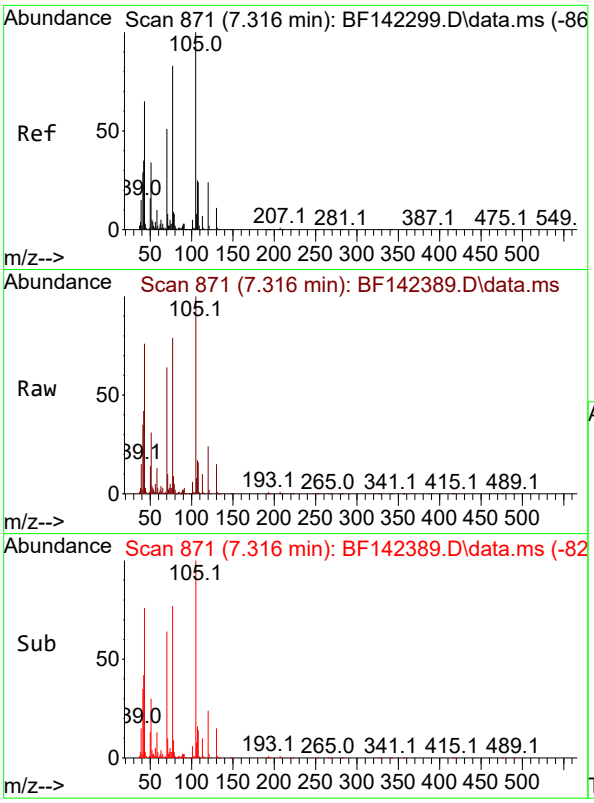


#18
Hexachloroethane
Concen: 36.273 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:117 Resp: 149837

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	97.8	78.0	117.0



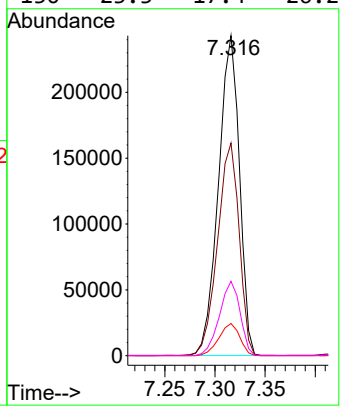


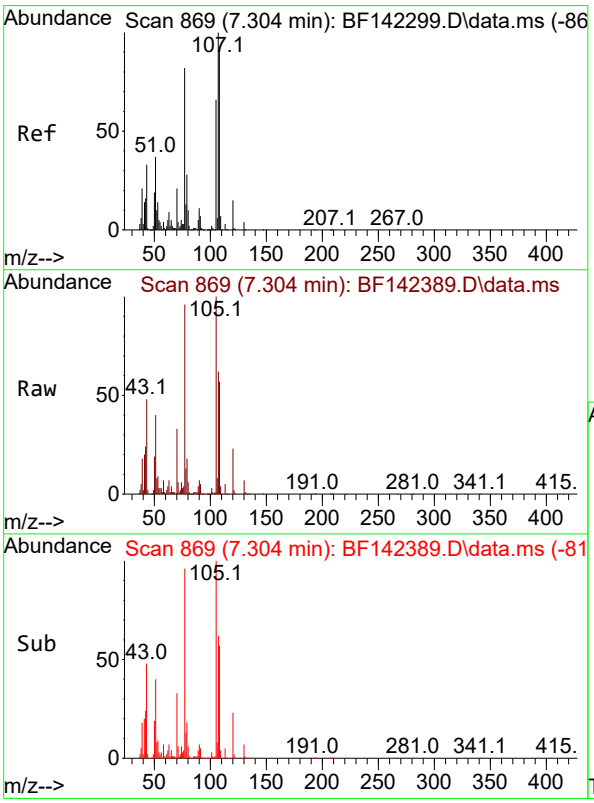
#19
n-Nitroso-di-n-propylamine
Concen: 45.840 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 70 Resp: 352727

Ion	Ratio	Lower	Upper
70	100		
42	66.5	54.8	82.2
101	10.1	7.7	11.5
130	23.3	17.4	26.2

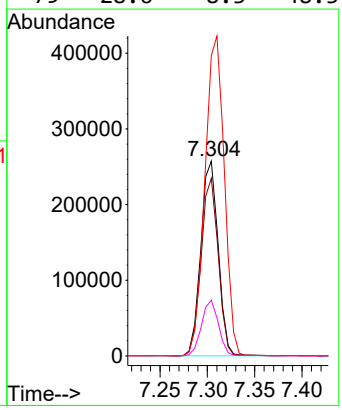


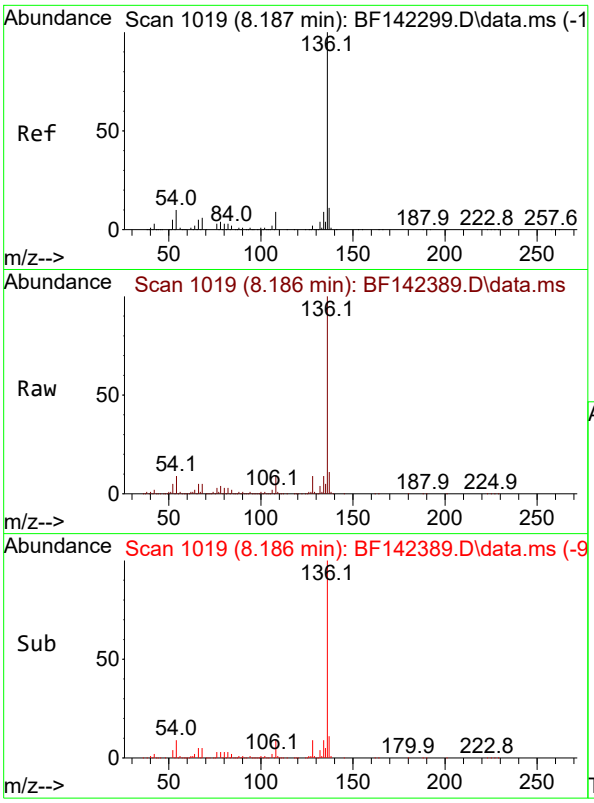


#20
3+4-Methylphenols
Concen: 29.985 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:107 Resp: 327459

Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.5	111.5
77	154.0	61.6	101.6#
79	28.6	8.3	48.3



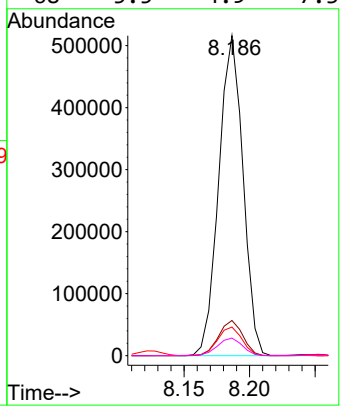


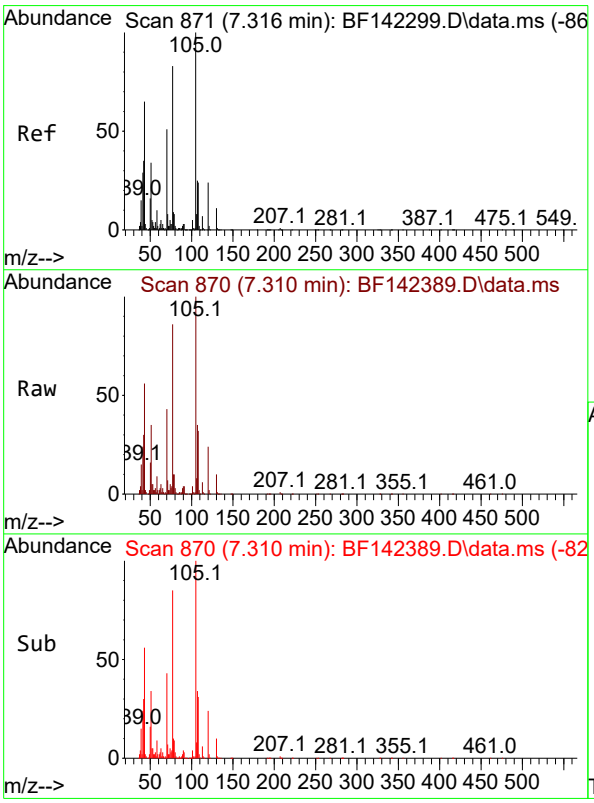
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:136 Resp: 662026

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	7.7	11.5
68	5.5	4.9	7.3

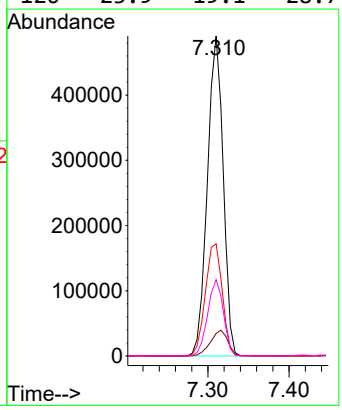


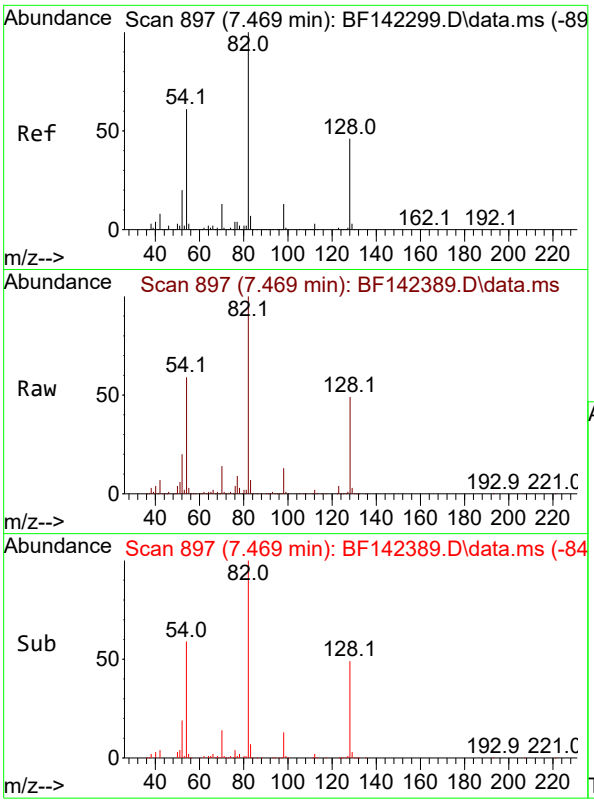


#22
Acetophenone
Concen: 45.031 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:105 Resp: 662853

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.7	10.1
51	35.1	27.6	41.4
120	23.9	19.1	28.7



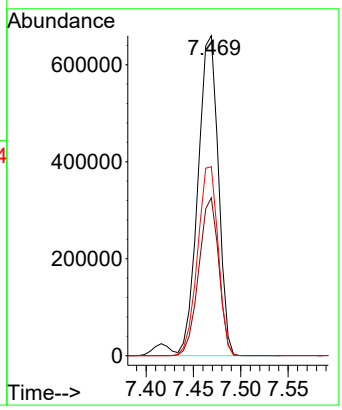


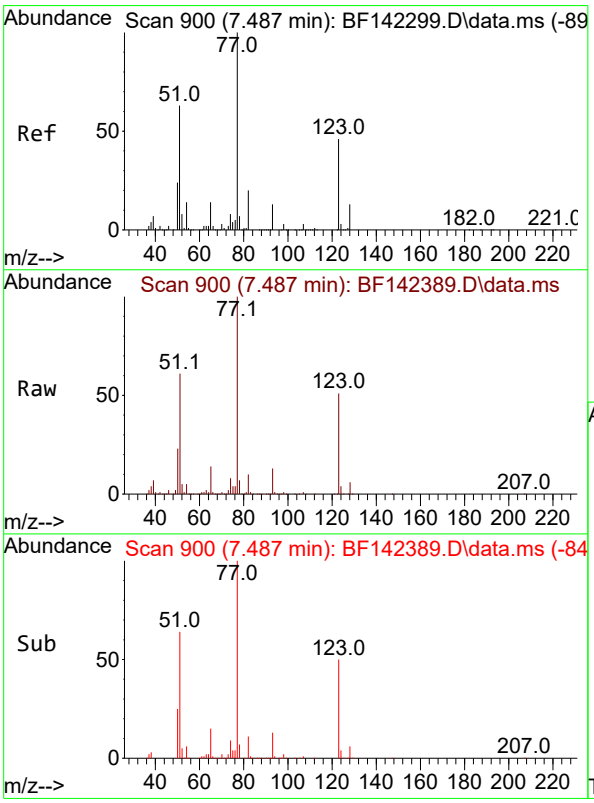
#23
Nitrobenzene-d5
Concen: 90.437 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 82 Resp: 981708

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.0	55.6
54	59.1	48.6	73.0

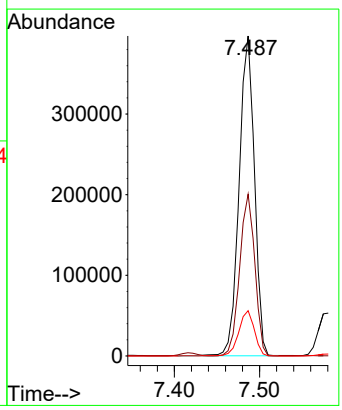


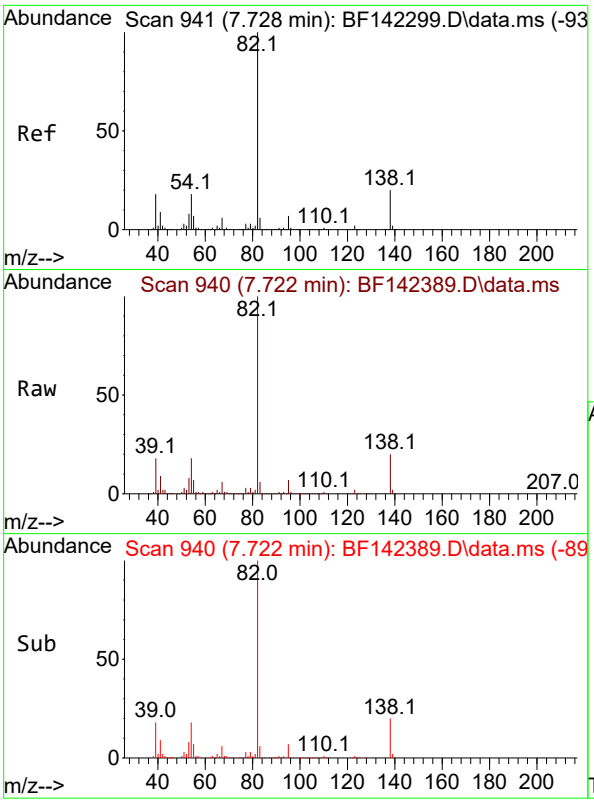


#24
Nitrobenzene
Concen: 48.371 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 77 Resp: 494951

Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.8	56.8
65	14.1	11.4	17.0



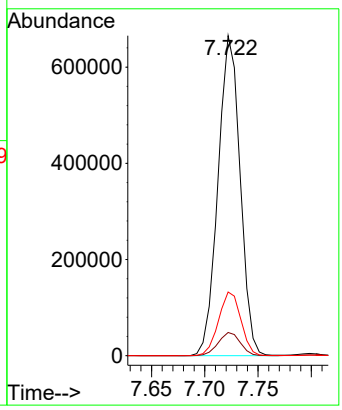


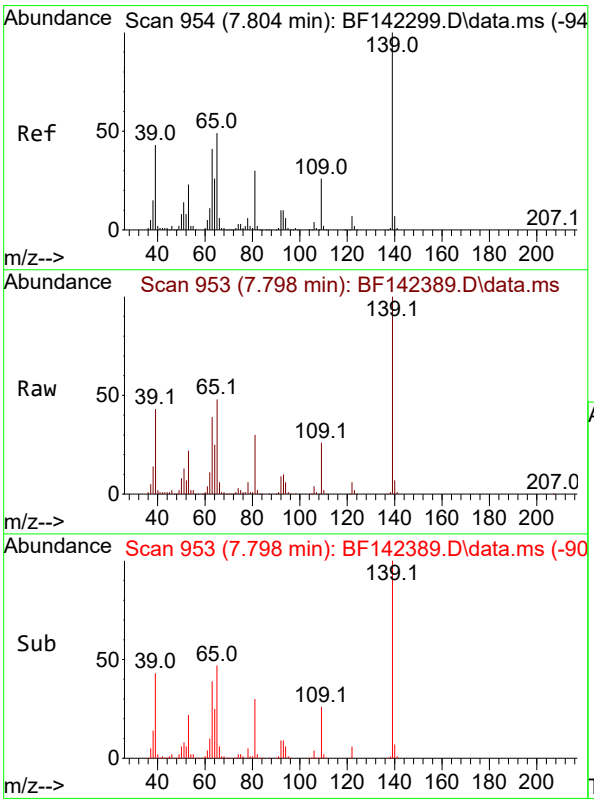
#25
Isophorone
Concen: 46.768 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 82 Resp: 961365

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	19.9	16.1	24.1

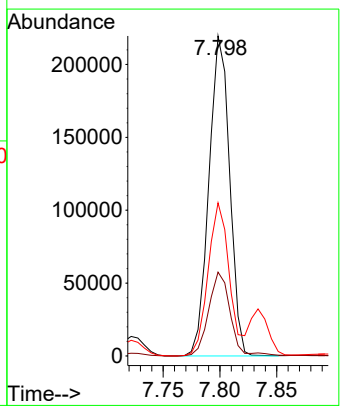


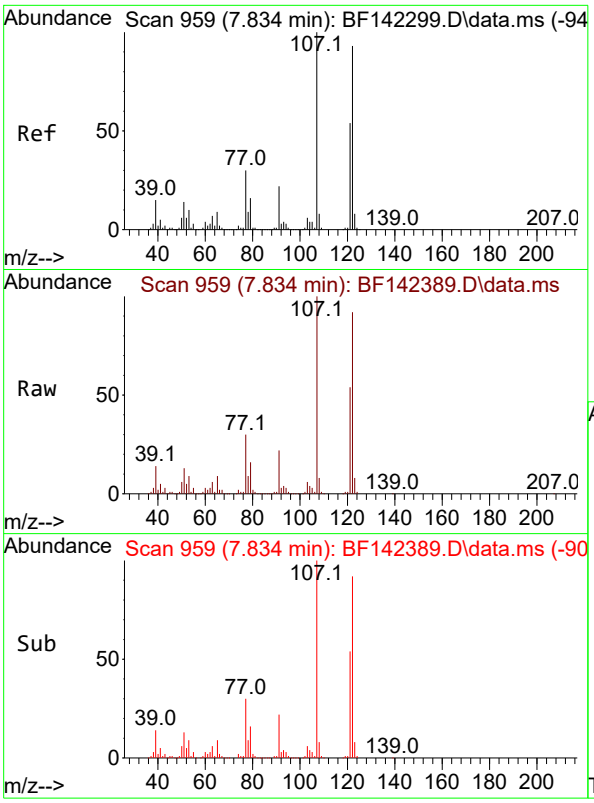


#26
2-Nitrophenol
Concen: 55.742 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:139 Resp: 278478

Ion	Ratio	Lower	Upper
139	100		
109	26.2	20.8	31.2
65	47.8	38.9	58.3



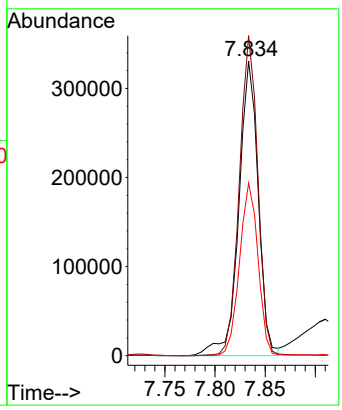


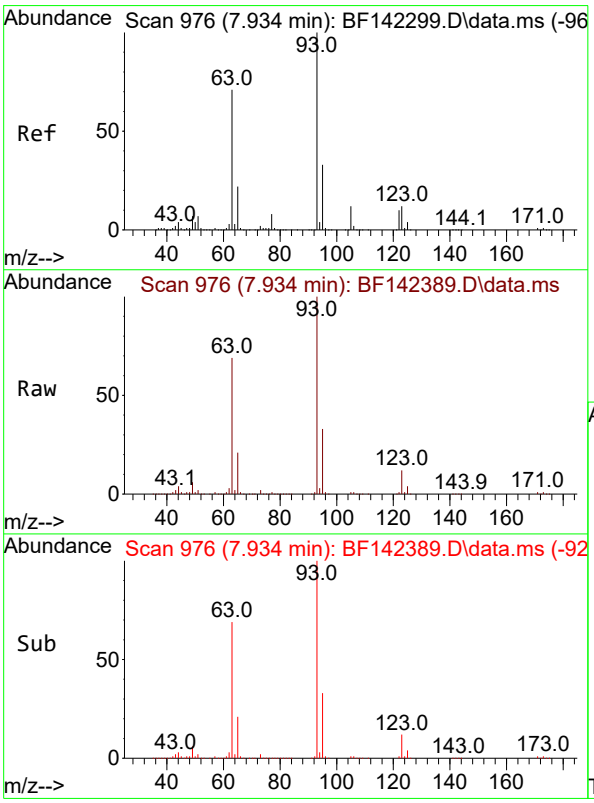
#27
2,4-Dimethylphenol
Concen: 43.261 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:122 Resp: 447099

Ion	Ratio	Lower	Upper
122	100		
107	108.6	86.0	129.0
121	58.6	46.2	69.4

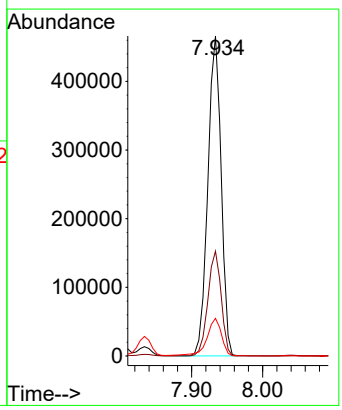


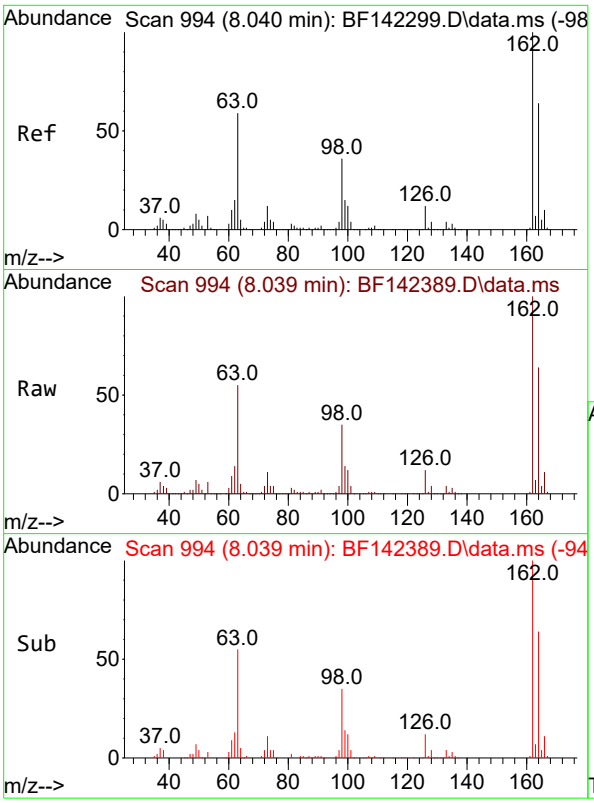


#28
bis(2-Chloroethoxy)methane
Concen: 45.900 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 93 Resp: 606692

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.8	10.2	15.4



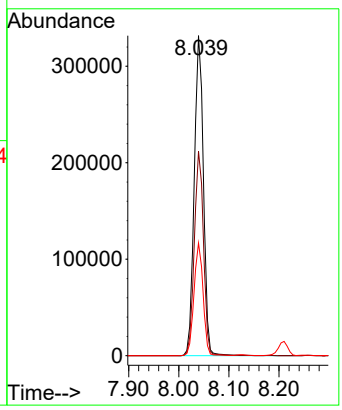


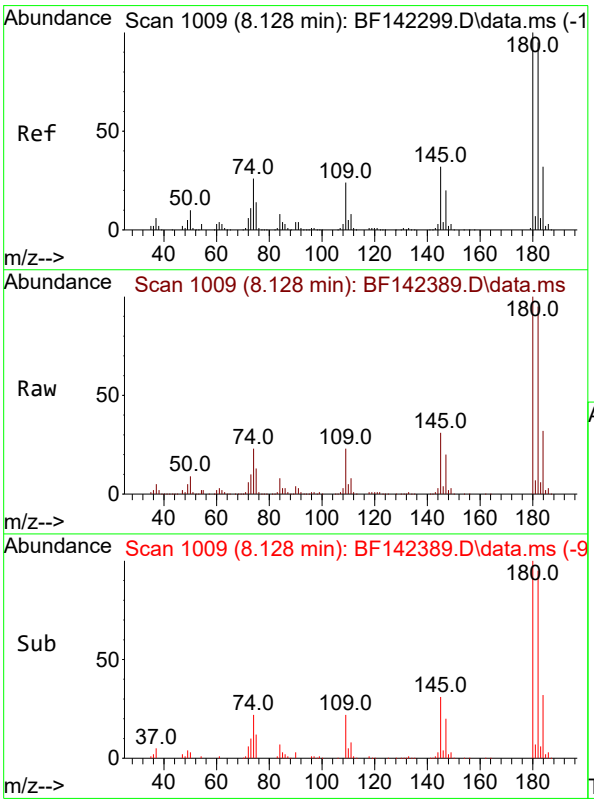
#29
2,4-Dichlorophenol
Concen: 47.875 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:162 Resp: 420656

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.6	83.6
98	35.2	16.5	56.5

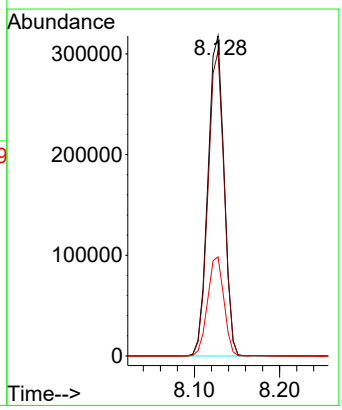


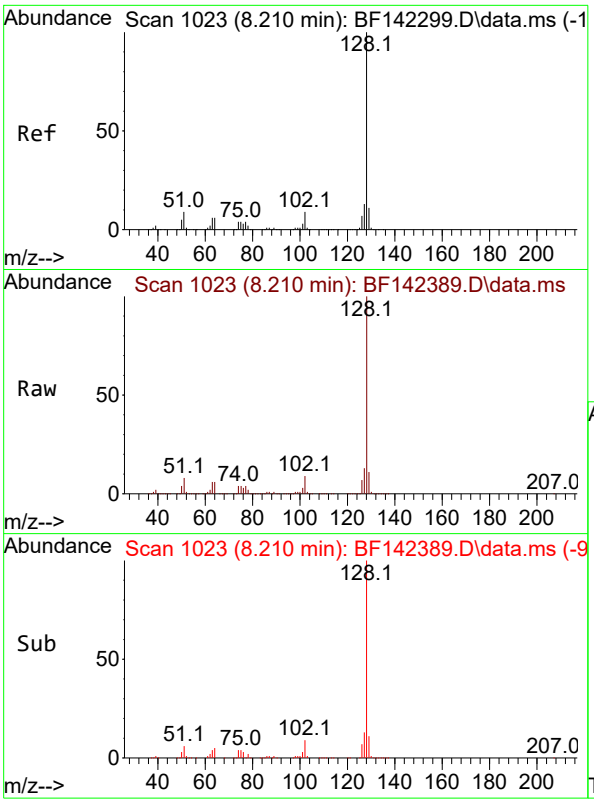


#30
1,2,4-Trichlorobenzene
Concen: 42.273 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:180 Resp: 418015

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	30.9	25.8	38.6



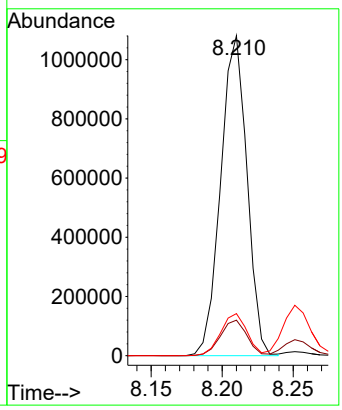


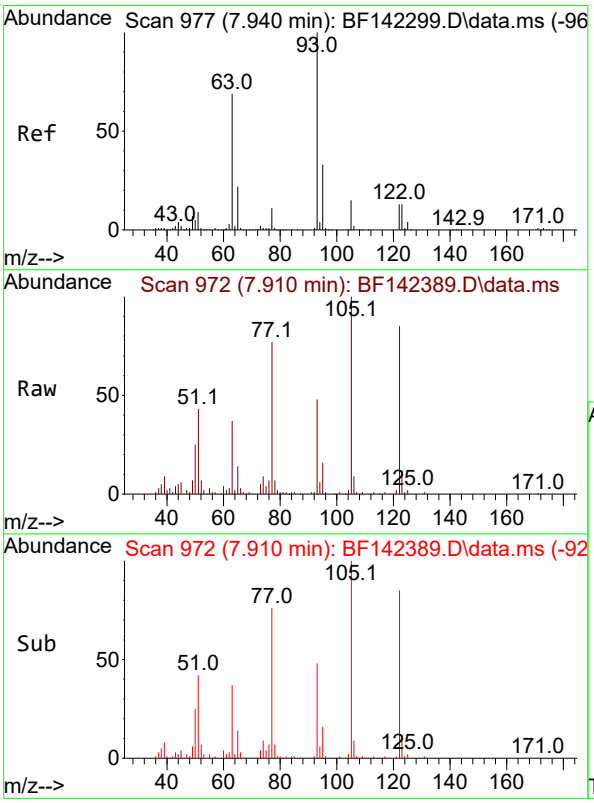
#31
Naphthalene
Concen: 43.310 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:128 Resp: 1389634

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.5	15.7

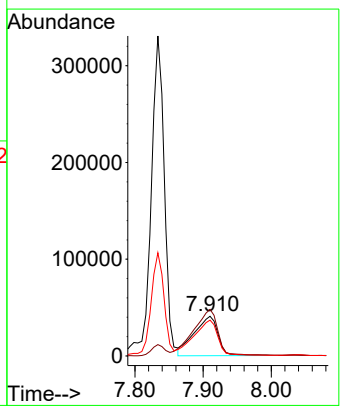


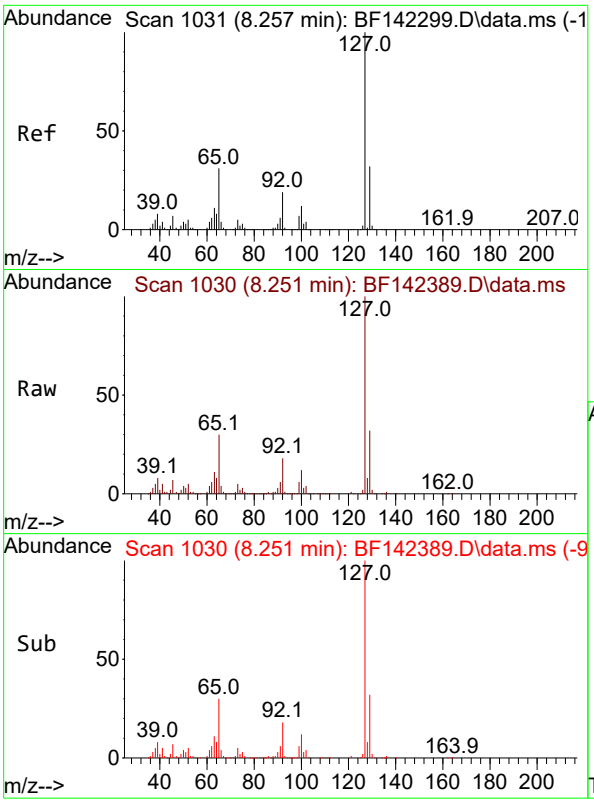


#32
Benzoic acid
Concen: 23.298 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.030 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:122 Resp: 100050

Ion	Ratio	Lower	Upper
122	100		
105	117.4	97.9	137.9
77	90.6	67.7	107.7



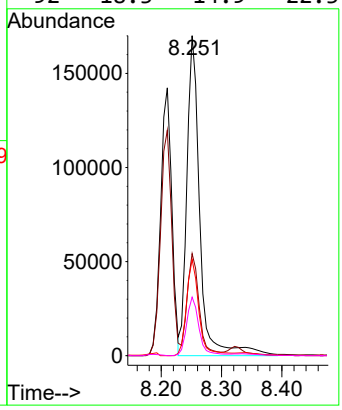


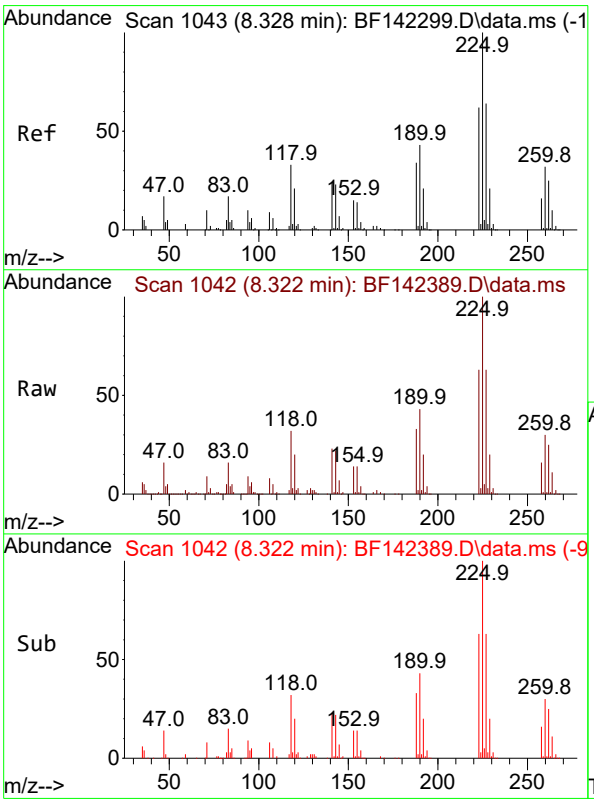
#33
4-Chloroaniline
Concen: 19.433 ng m
RT: 8.251 min Scan# 1
Delta R.T. -0.016 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:127 Resp: 254426

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	30.0	24.9	37.3
92	18.3	14.9	22.3

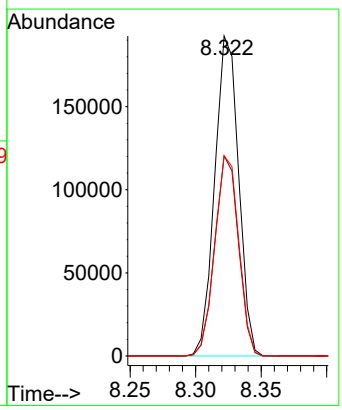


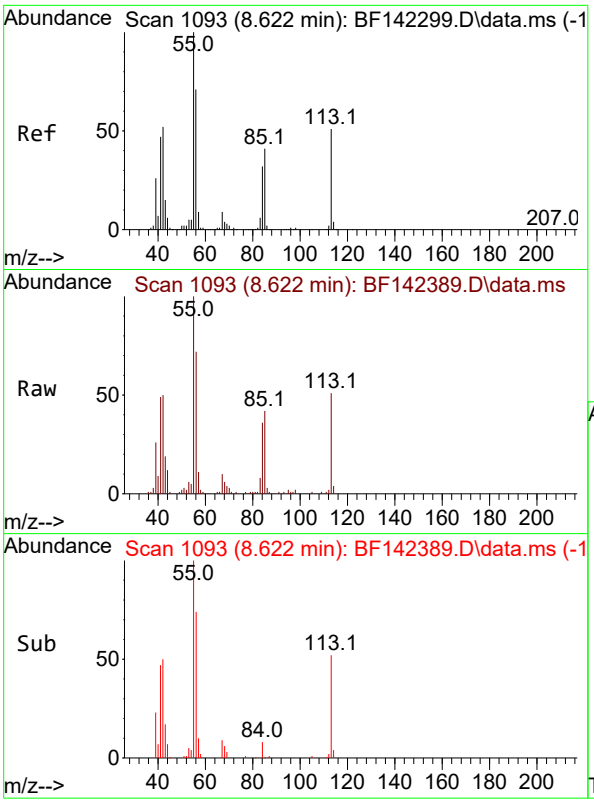


#34
Hexachlorobutadiene
Concen: 41.556 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:225 Resp: 243324

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	62.5	50.9	76.3



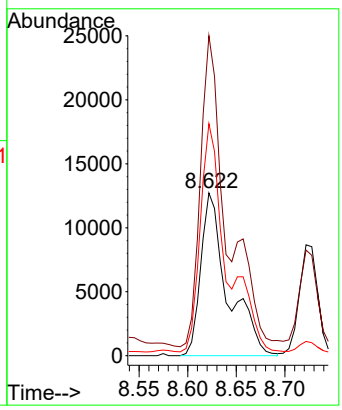


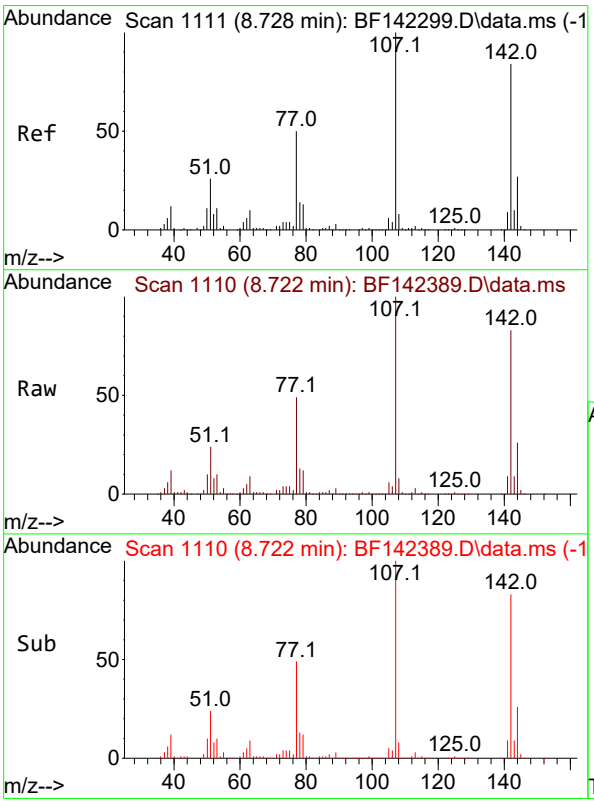
#35
Caprolactam
Concen: 9.582 ng m
RT: 8.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:113 Resp: 24538

Ion	Ratio	Lower	Upper
113	100		
55	196.7	176.4	216.4
56	142.6	120.3	160.3

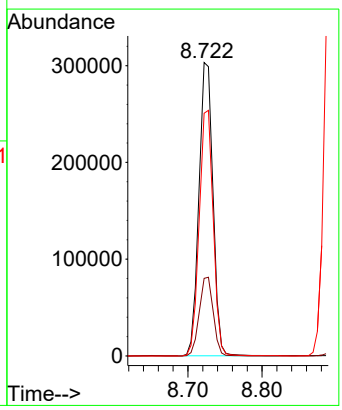


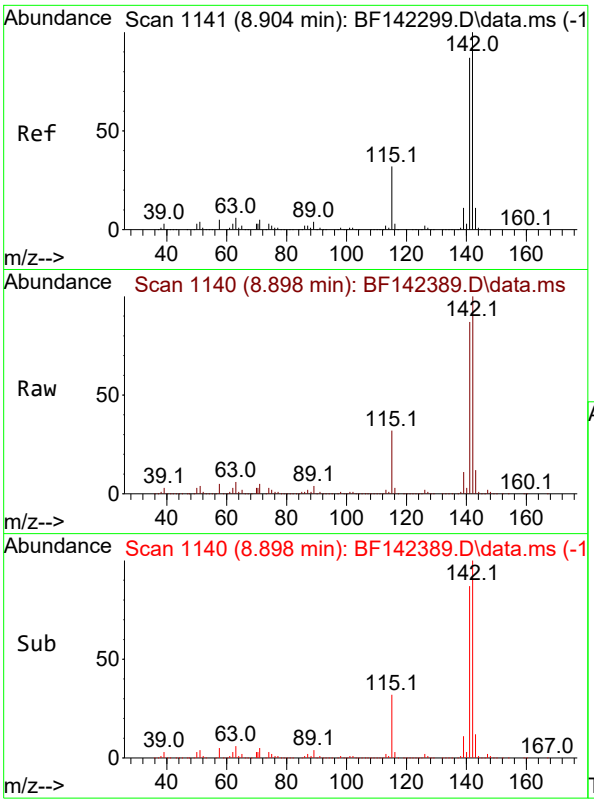


#36
4-Chloro-3-methylphenol
Concen: 43.626 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:107 Resp: 398461

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.3	31.9
142	82.7	66.9	100.3



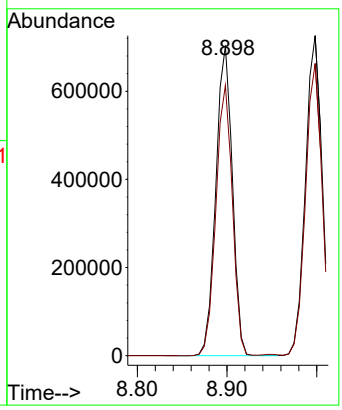


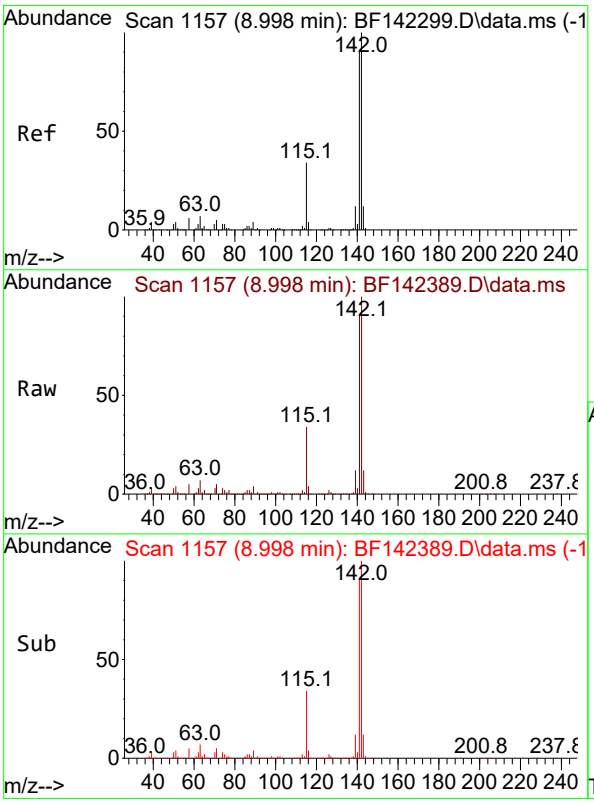
#37
2-Methylnaphthalene
Concen: 45.031 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:142 Resp: 897809

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.4	104.2

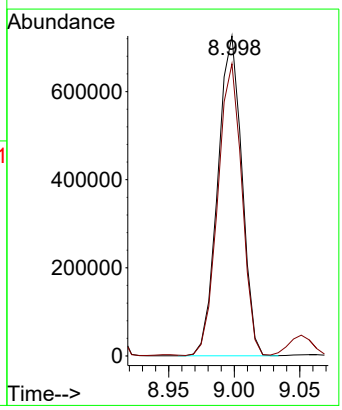


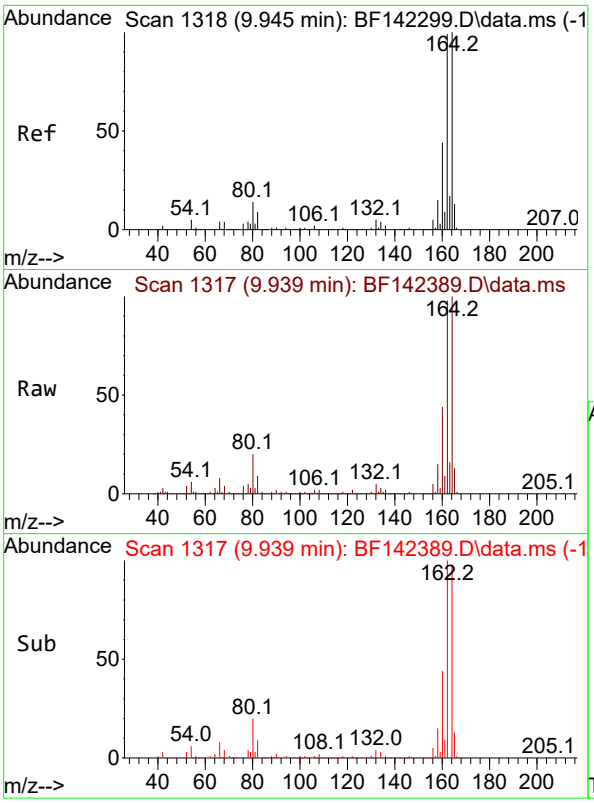


#38
1-Methylnaphthalene
Concen: 44.675 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:142 Resp: 928360

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7



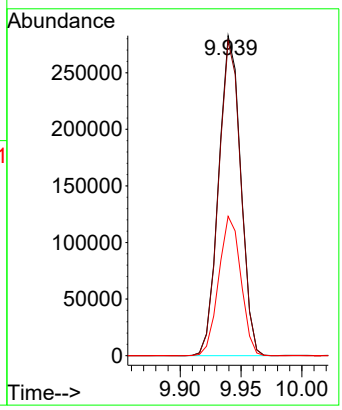


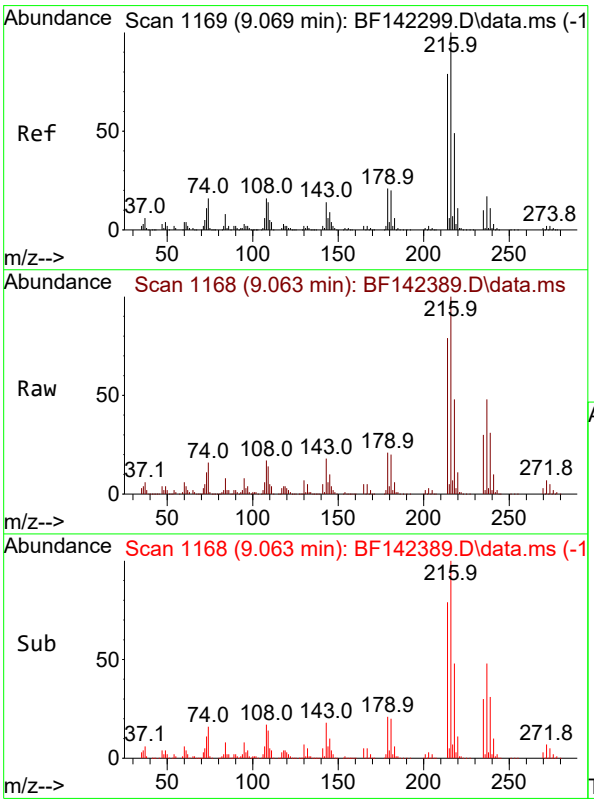
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:164 Resp: 357440

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.2	118.8
160	43.5	35.3	52.9

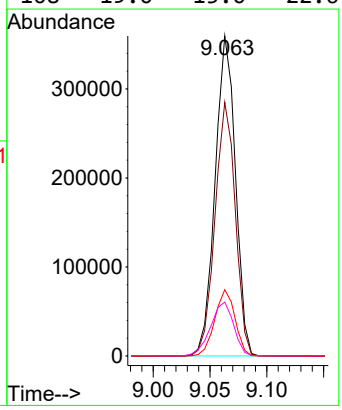


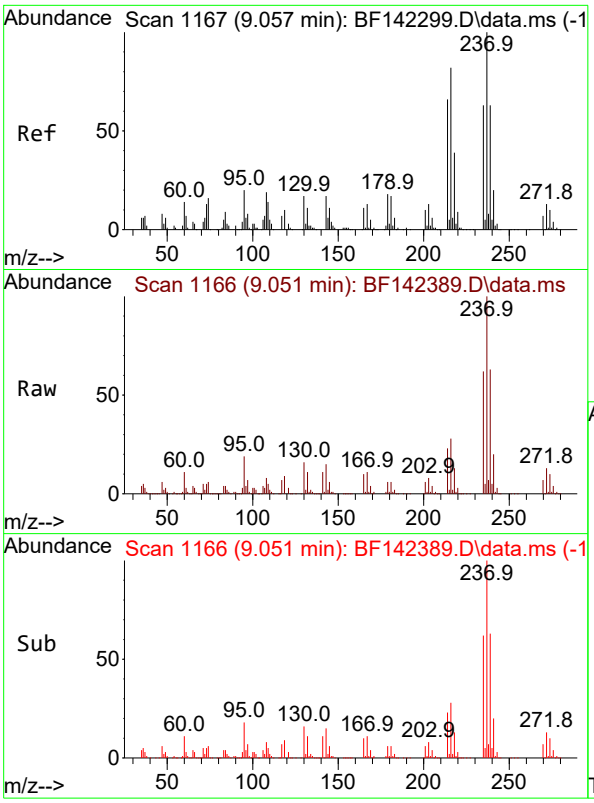


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.886 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:216 Resp: 448092

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	20.6	17.0	25.6
108	19.0	15.0	22.6



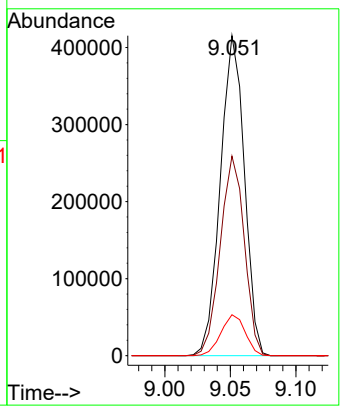


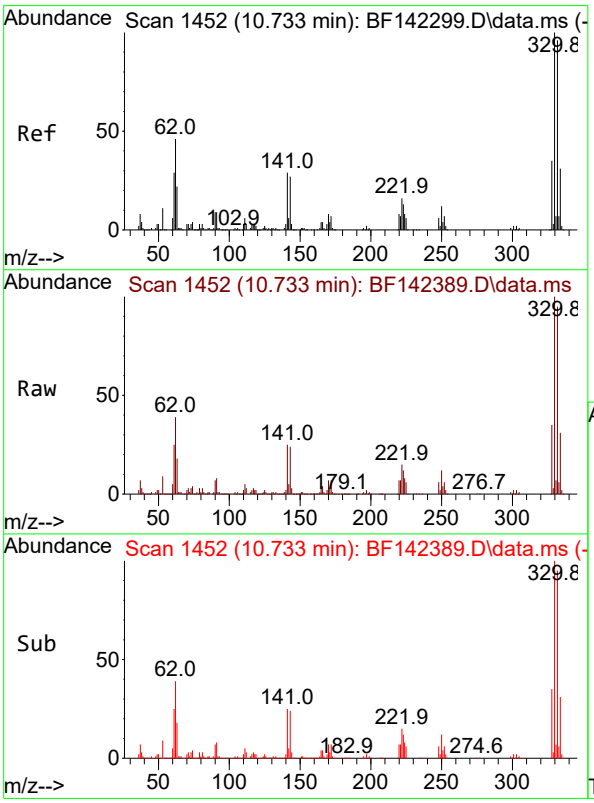
#41
Hexachlorocyclopentadiene
Concen: 85.793 ng
RT: 9.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:237 Resp: 529316

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.8	82.8
272	12.8	0.0	33.0

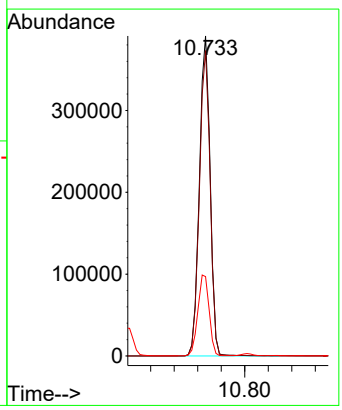


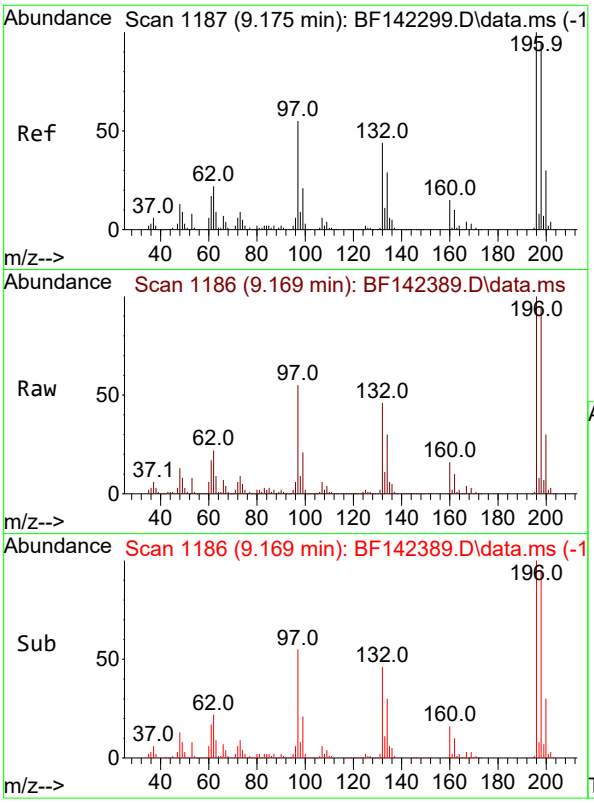


#42
2,4,6-Tribromophenol
Concen: 144.002 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:330 Resp: 496952

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	26.5	24.9	37.3



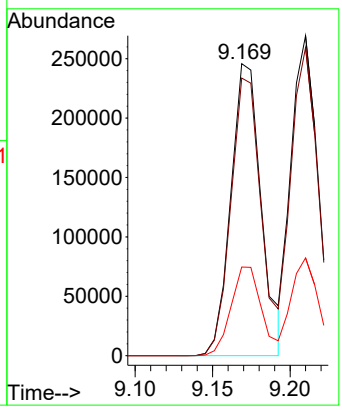


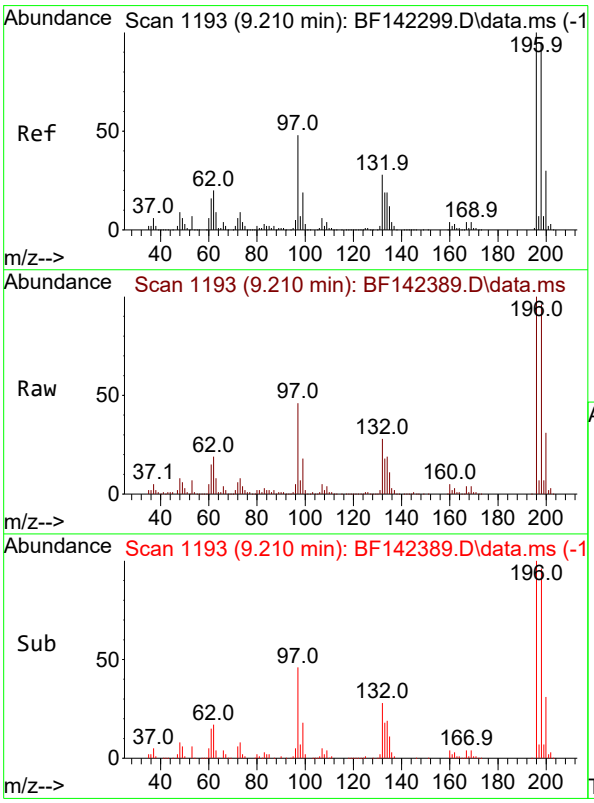
#43
2,4,6-Trichlorophenol
Concen: 53.182 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:196 Resp: 334881

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.4	113.0
200	30.3	24.3	36.5

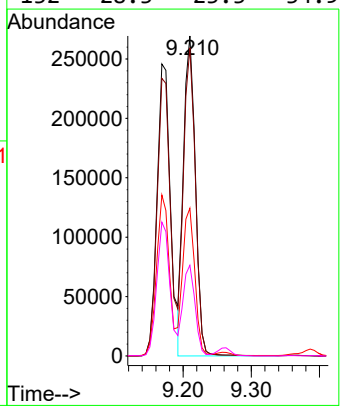


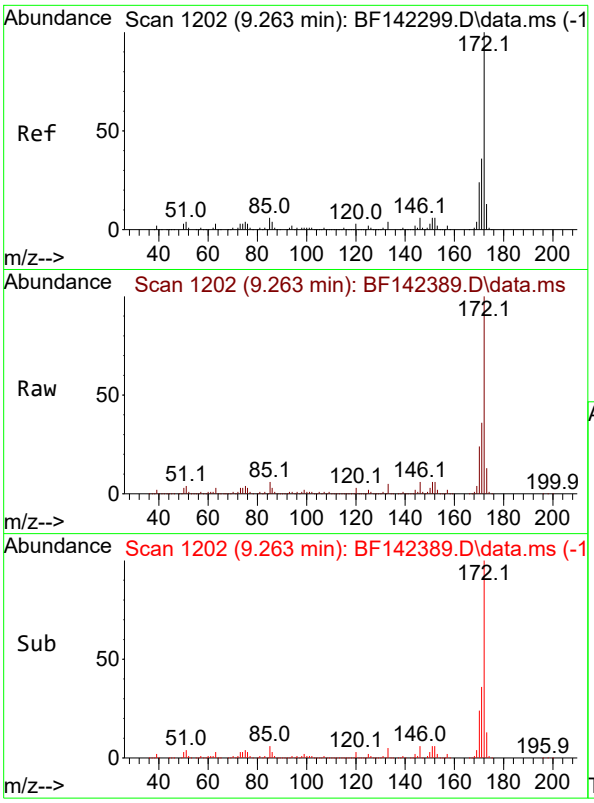


#44
2,4,5-Trichlorophenol
Concen: 48.481 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:196 Resp: 324822

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.1	114.1
97	46.2	39.0	58.4
132	28.3	23.3	34.9



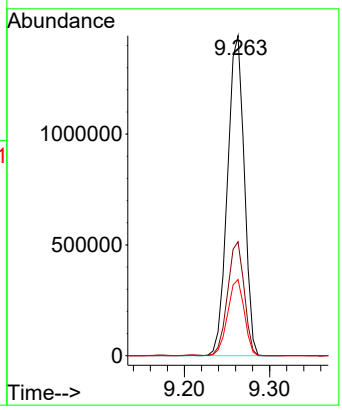


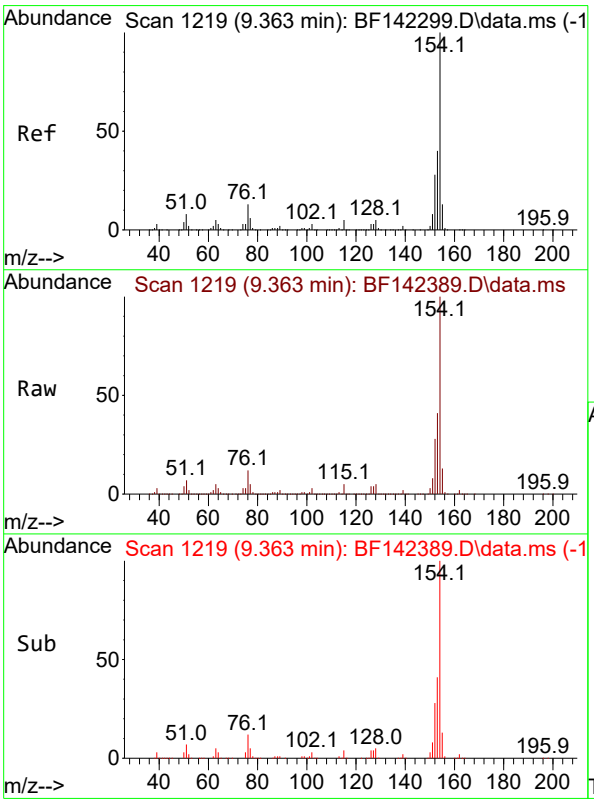
#45
2-Fluorobiphenyl
Concen: 78.670 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:172 Resp: 1972111

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.8	19.0	28.4

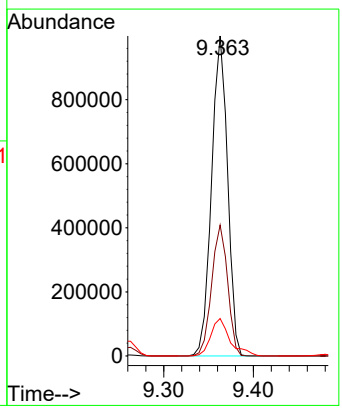


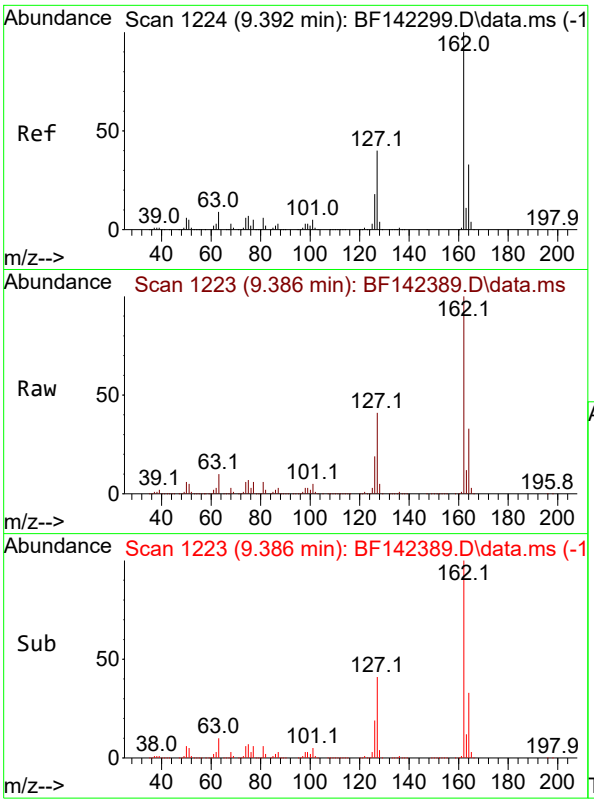


#46
1,1'-Biphenyl
Concen: 45.041 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:154 Resp: 1234418

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	11.7	0.0	32.8



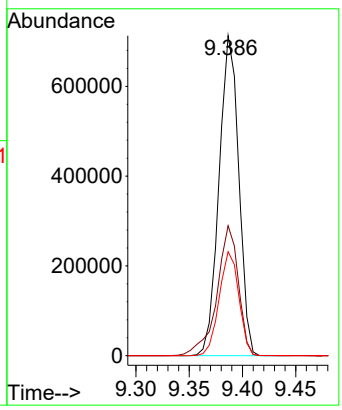


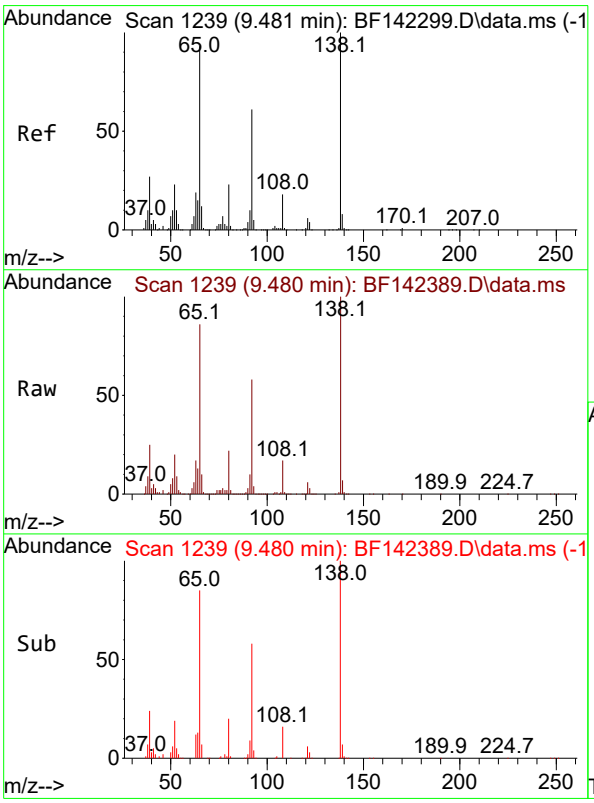
#47
2-Chloronaphthalene
Concen: 45.002 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:162 Resp: 917216

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.3	48.5
164	32.5	26.6	40.0

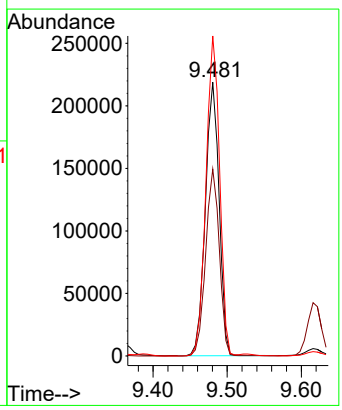


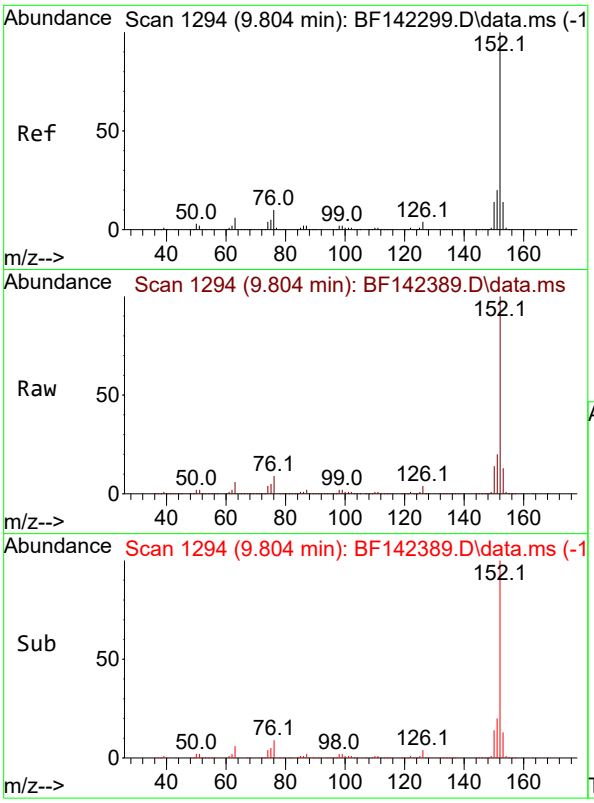


#48
2-Nitroaniline
Concen: 54.101 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 65 Resp: 282636

Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.3	78.5
138	116.9	85.6	128.4



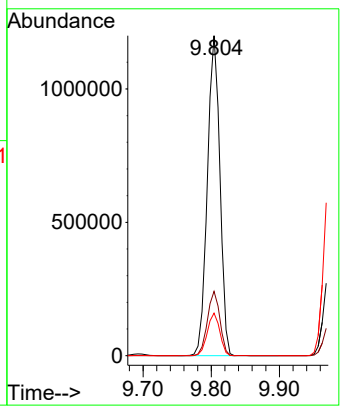


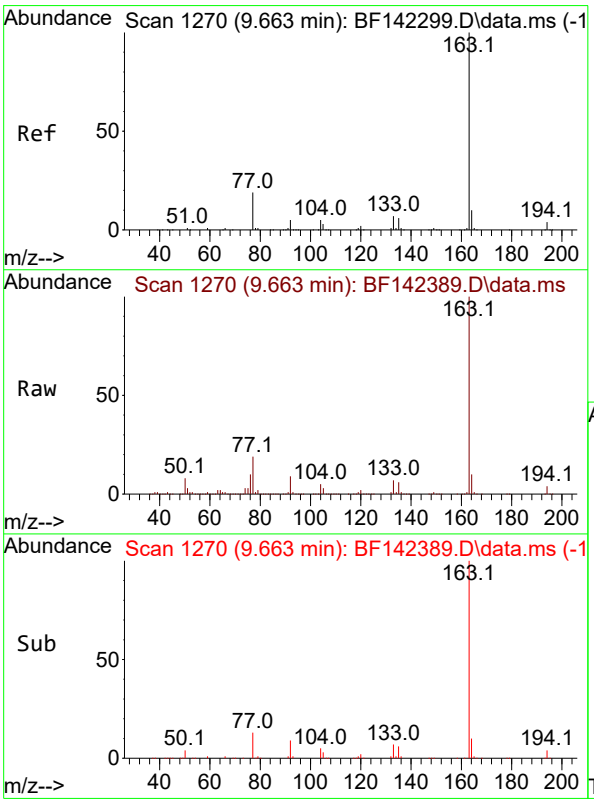
#49
Acenaphthylene
Concen: 44.966 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:152 Resp: 1533127

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.3	10.8	16.2

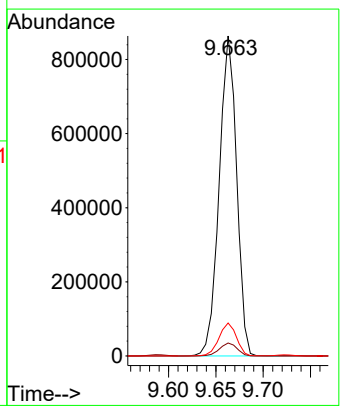


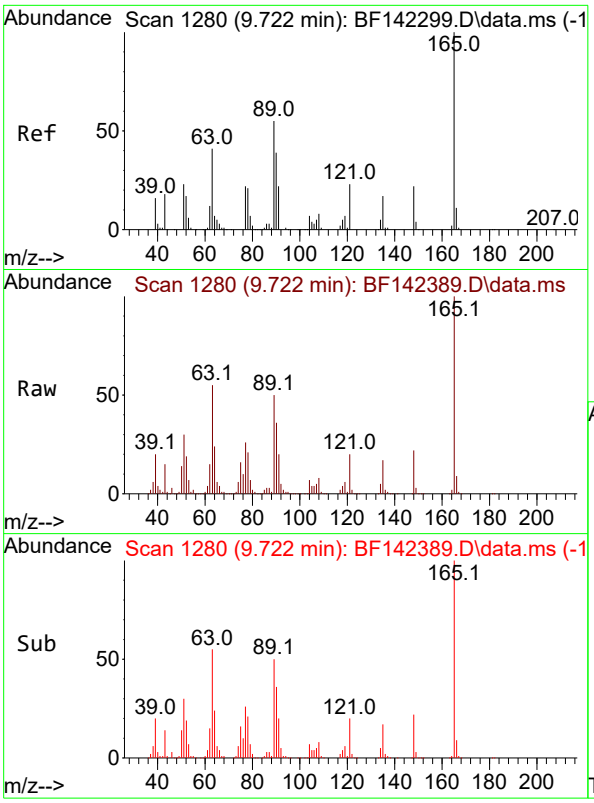


#50
Dimethylphthalate
Concen: 48.324 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:163 Resp: 1109141

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.3	12.5



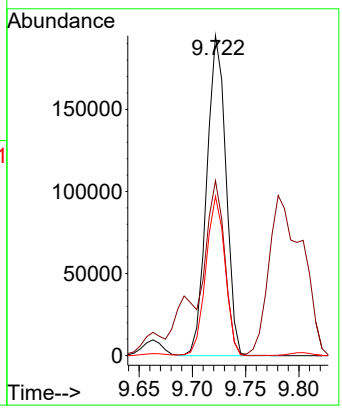


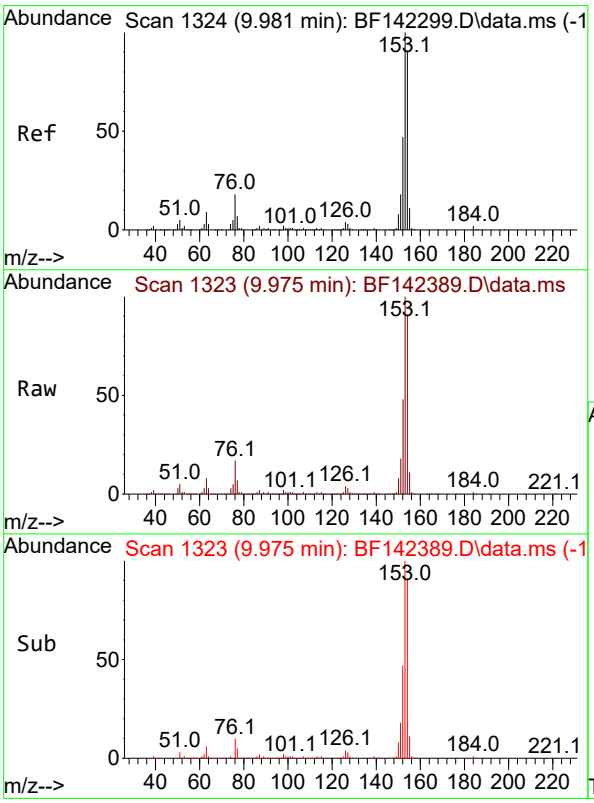
#51
2,6-Dinitrotoluene
Concen: 56.826 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:165 Resp: 244138

Ion	Ratio	Lower	Upper
165	100		
63	54.7	49.5	74.3
89	49.8	44.6	66.8

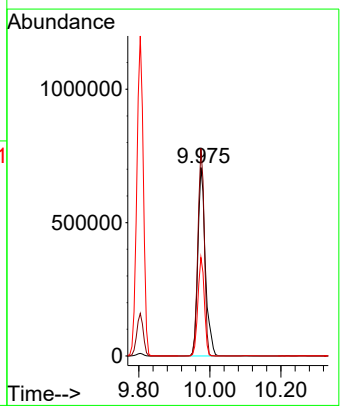


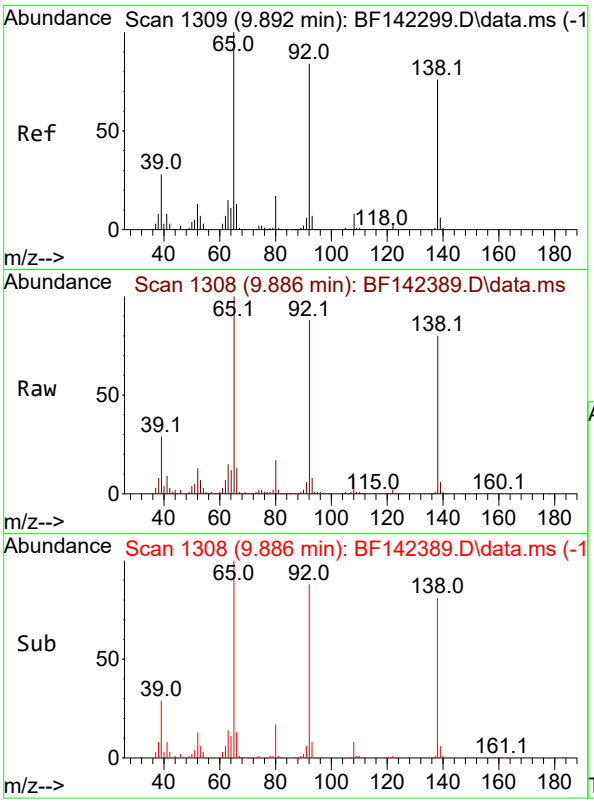


#52
Acenaphthene
Concen: 50.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:154 Resp: 1043039

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.0	132.0
152	52.3	41.6	62.4



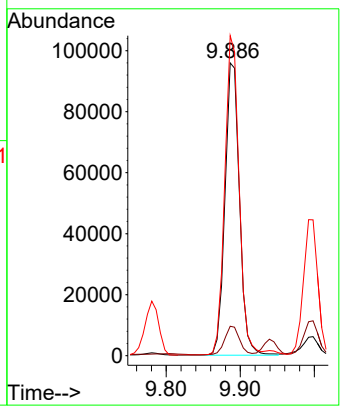


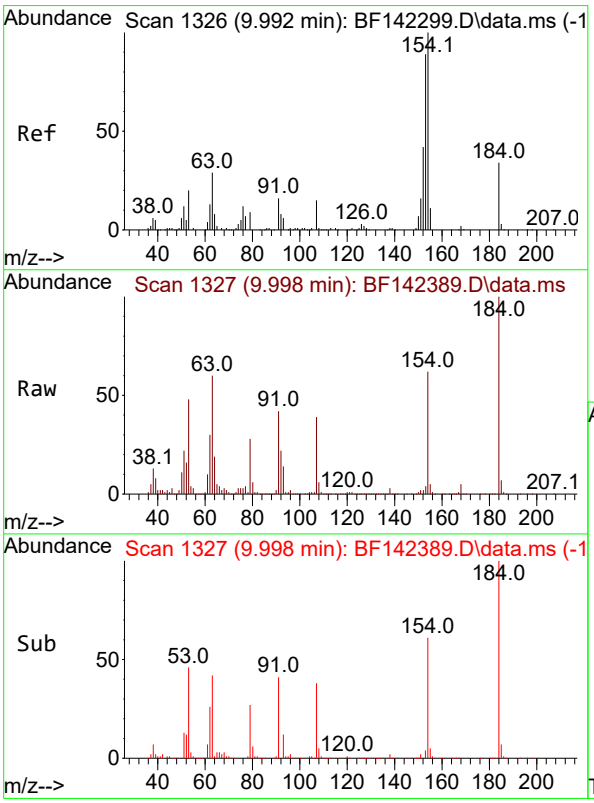
#53
3-Nitroaniline
Concen: 25.883 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:138 Resp: 130415

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	109.3	89.5	134.3

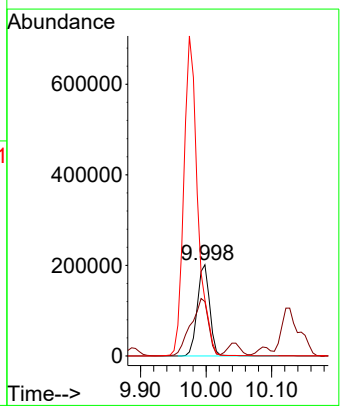


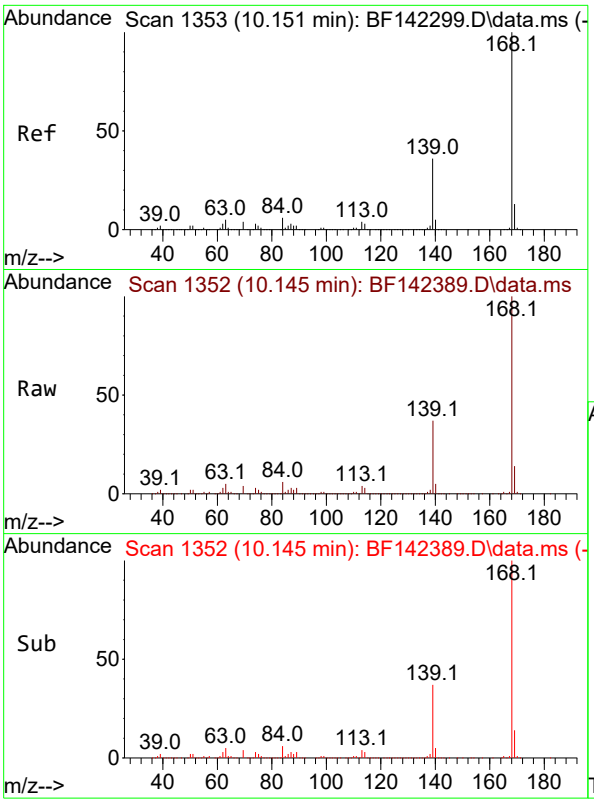


#54
2,4-Dinitrophenol
Concen: 114.370 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:184 Resp: 265247

Ion	Ratio	Lower	Upper
184	100		
63	59.7	70.6	105.8#
154	61.7	257.2	385.8#



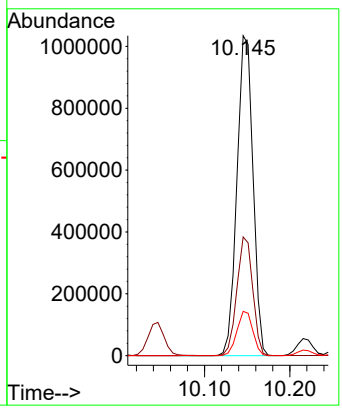


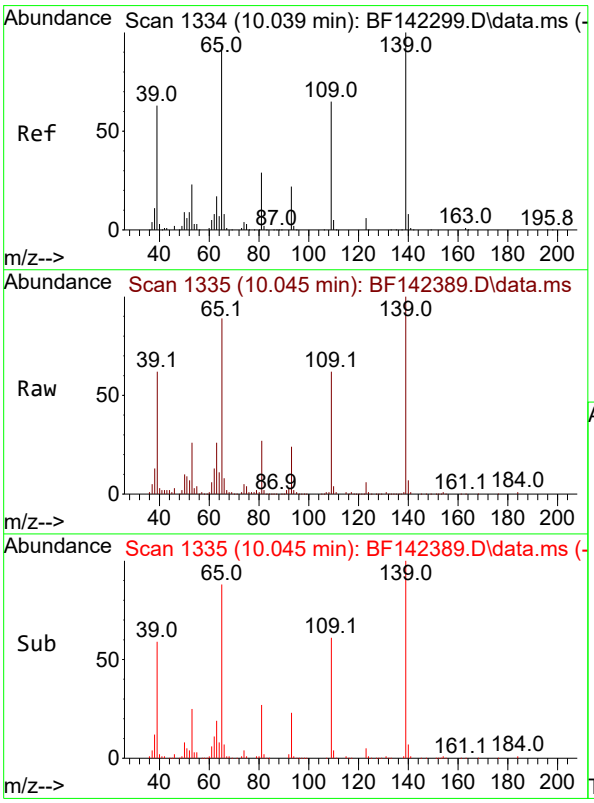
#55
Dibenzofuran
Concen: 44.704 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:168 Resp: 1352552

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.0	43.4
169	13.8	10.7	16.1

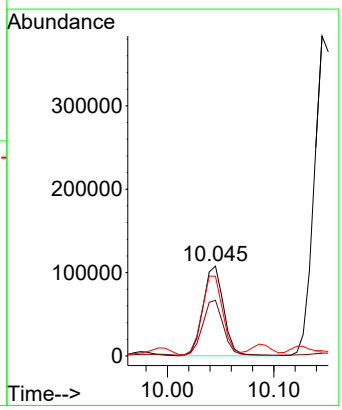


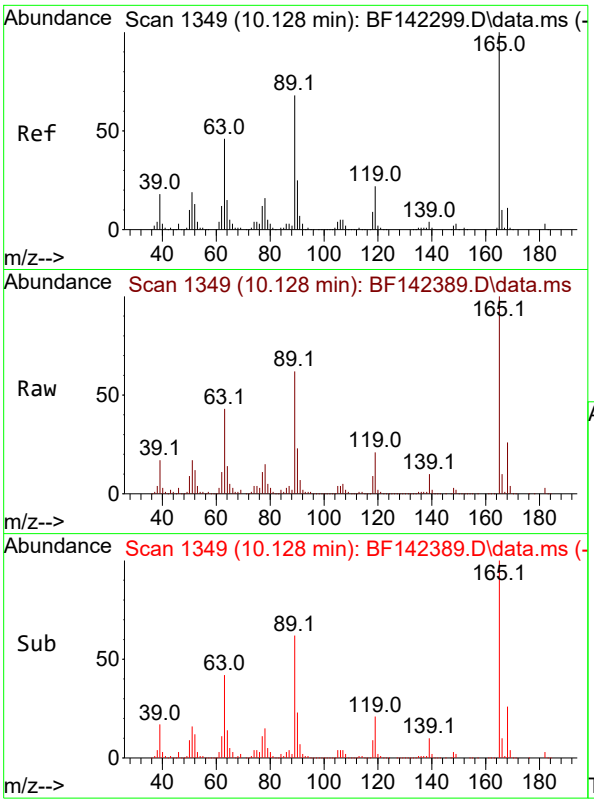


#56
4-Nitrophenol
Concen: 37.888 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:139 Resp: 143679

Ion	Ratio	Lower	Upper
139	100		
109	62.0	45.3	85.3
65	88.7	73.9	113.9



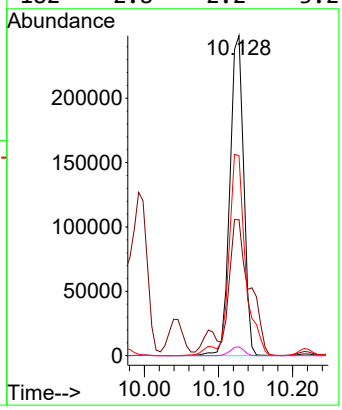


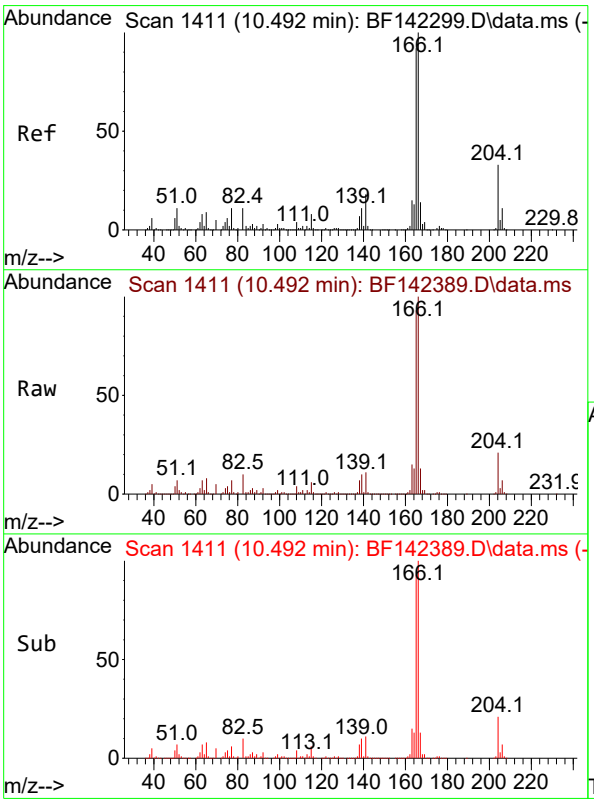
#57
2,4-Dinitrotoluene
Concen: 58.409 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:165 Resp: 321887

Ion	Ratio	Lower	Upper
165	100		
63	42.5	37.1	55.7
89	62.5	54.4	81.6
182	2.8	2.2	3.2

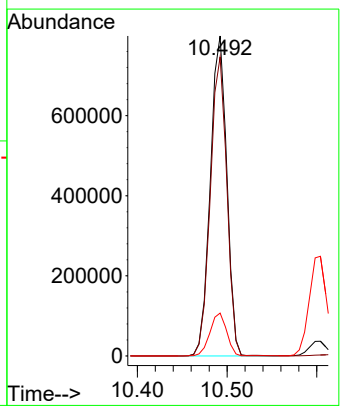


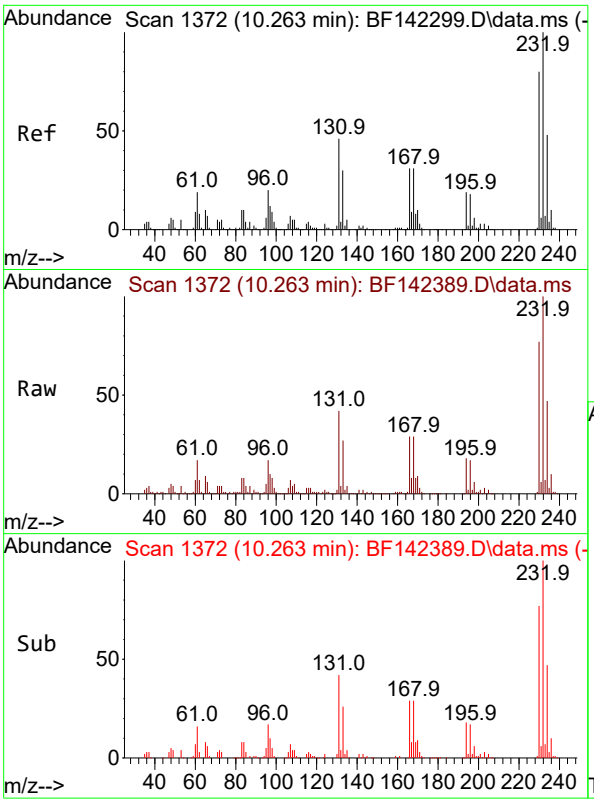


#58
Fluorene
Concen: 44.166 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:166 Resp: 1019788

Ion	Ratio	Lower	Upper
166	100		
165	93.4	74.0	111.0
167	13.4	10.9	16.3



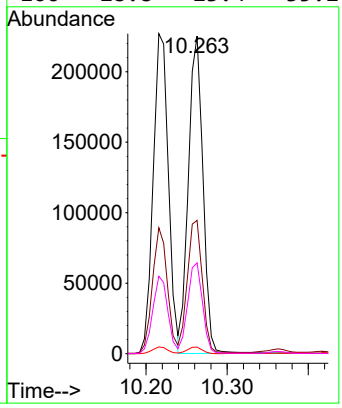


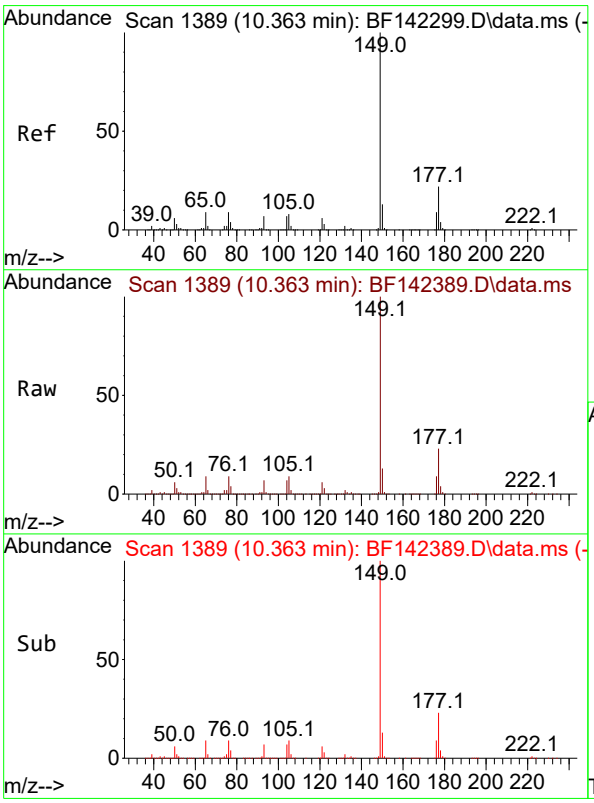
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.862 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:232 Resp: 281314

Ion	Ratio	Lower	Upper
232	100		
131	42.6	36.0	54.0
130	2.2	1.8	2.6
166	28.8	23.4	35.2

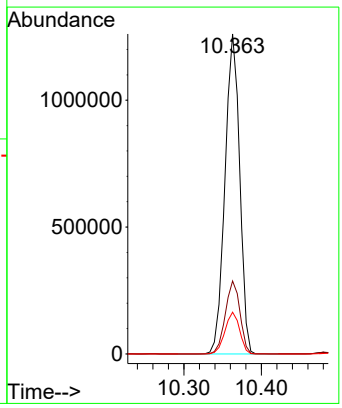


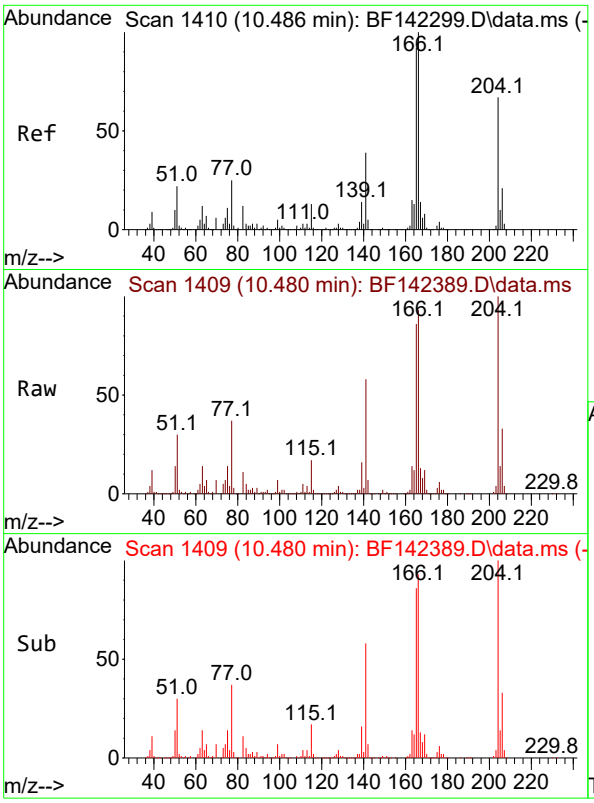


#60
Diethylphthalate
Concen: 72.520 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:149 Resp: 1662268

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.6	26.4
150	13.1	10.1	15.1



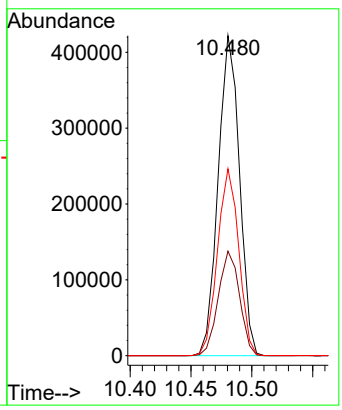


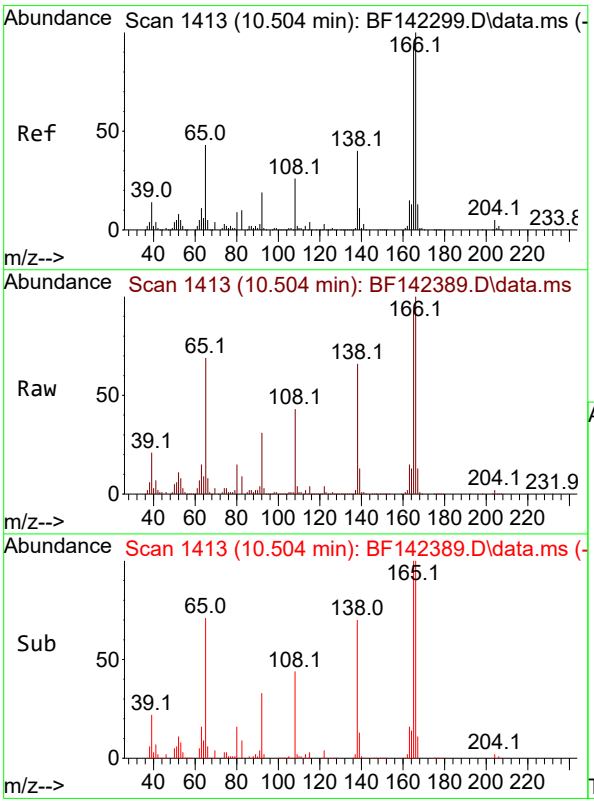
#61
4-Chlorophenyl-phenylether
Concen: 46.190 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:204 Resp: 514546

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	58.4	46.4	69.6

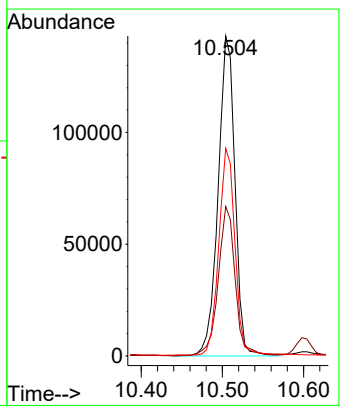


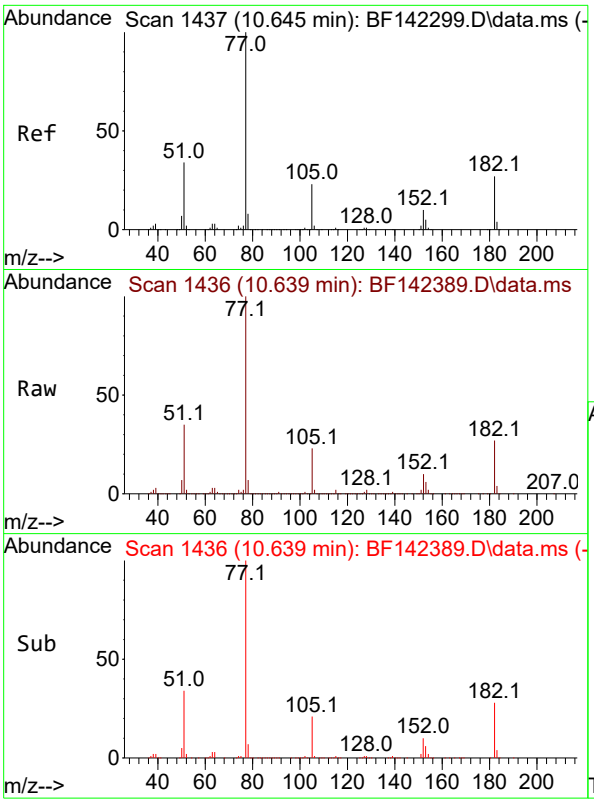


#62
4-Nitroaniline
Concen: 51.876 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:138 Resp: 207168

Ion	Ratio	Lower	Upper
138	100		
92	46.7	27.3	67.3
108	64.9	45.1	85.1



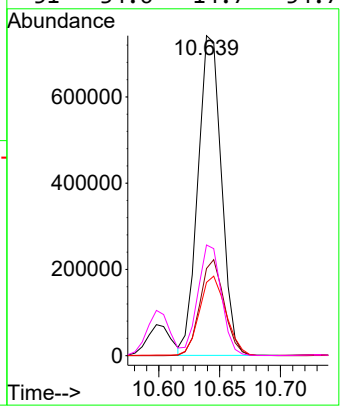


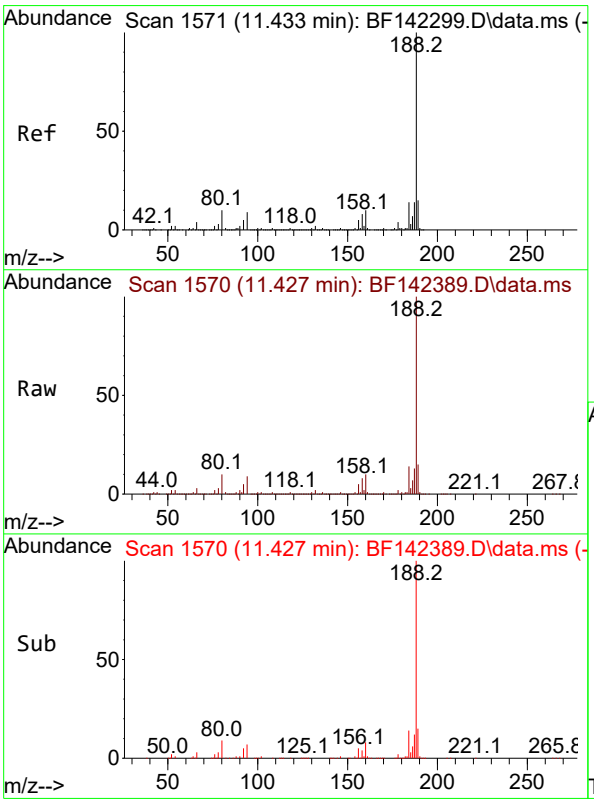
#63
Azobenzene
Concen: 45.468 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 77 Resp: 995905

Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.9	46.9
105	22.9	2.7	42.7
51	34.6	14.7	54.7

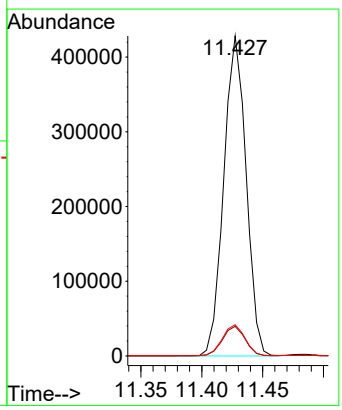


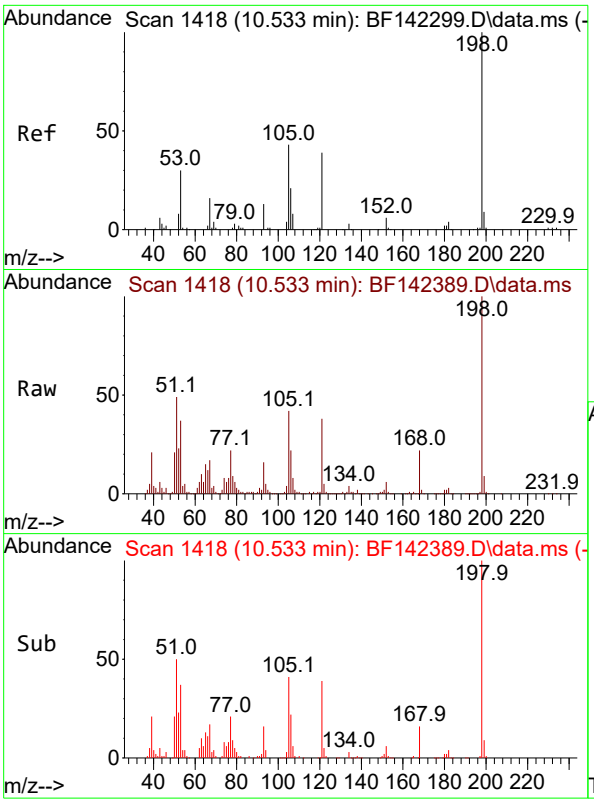


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:188 Resp: 546787

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	9.8	7.9	11.9



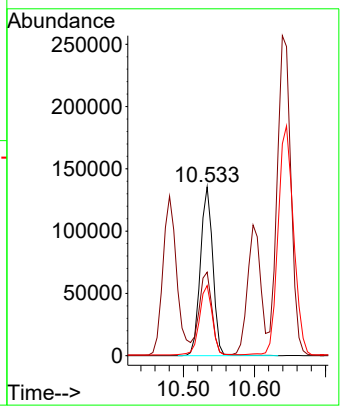


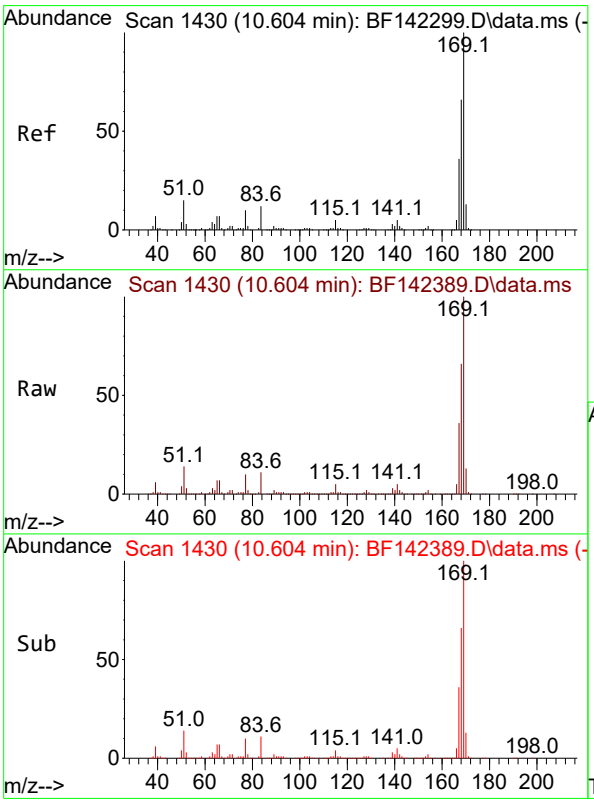
#65
4,6-Dinitro-2-methylphenol
Concen: 62.409 ng
RT: 10.533 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:198 Resp: 165536

Ion	Ratio	Lower	Upper
198	100		
51	49.5	32.9	72.9
105	41.5	23.7	63.7

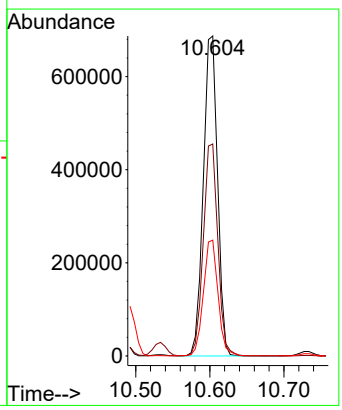


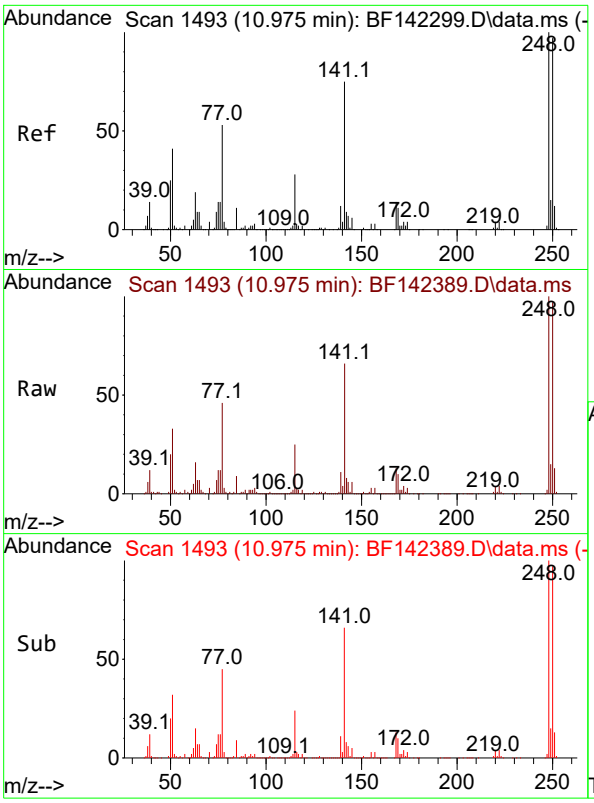


#66
n-Nitrosodiphenylamine
Concen: 50.347 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:169 Resp: 916055

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	36.2	28.9	43.3



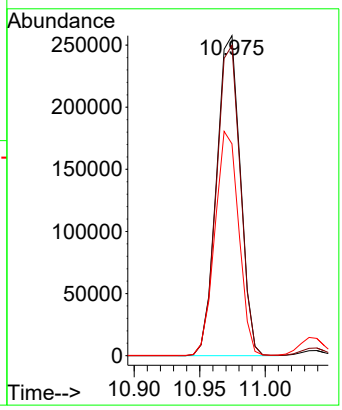


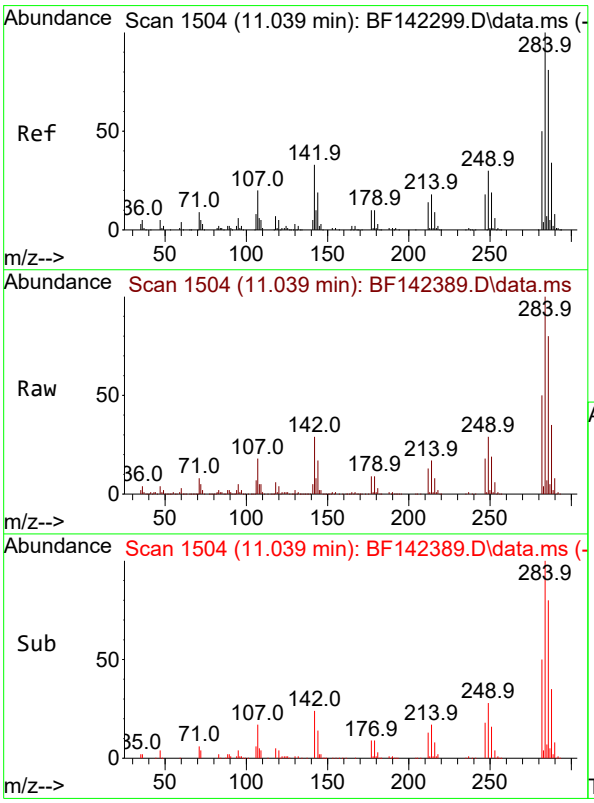
#67
4-Bromophenyl-phenylether
Concen: 52.554 ng
RT: 10.975 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:248 Resp: 325670

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.9	116.9
141	66.2	59.8	89.8

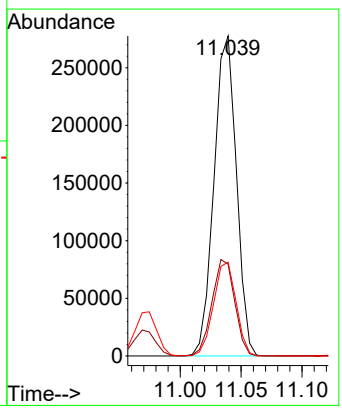


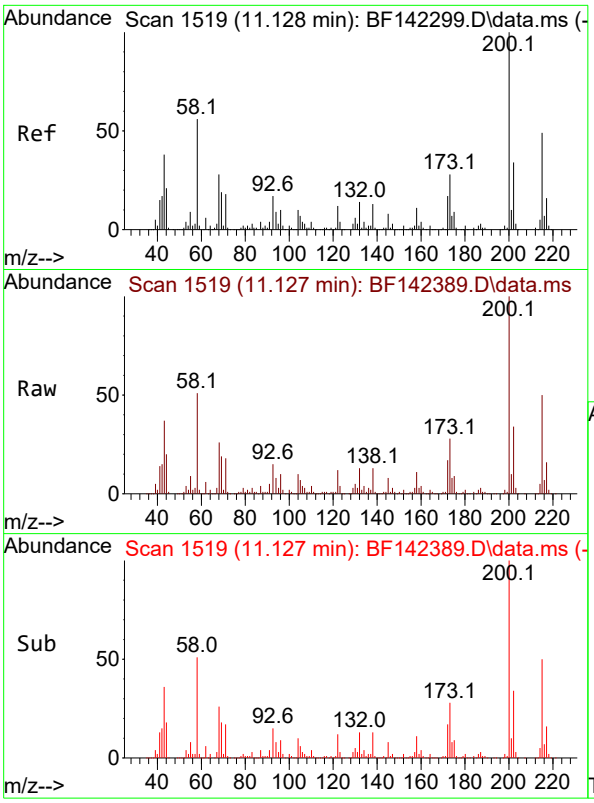


#68
Hexachlorobenzene
Concen: 52.158 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:284 Resp: 355537

Ion	Ratio	Lower	Upper
284	100		
142	28.6	26.6	39.8
249	29.3	24.1	36.1



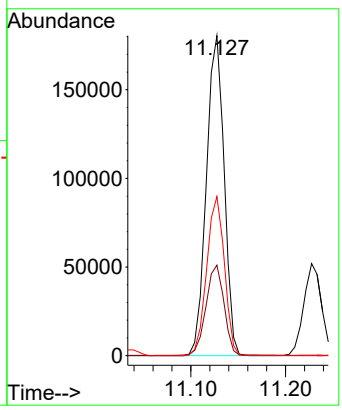


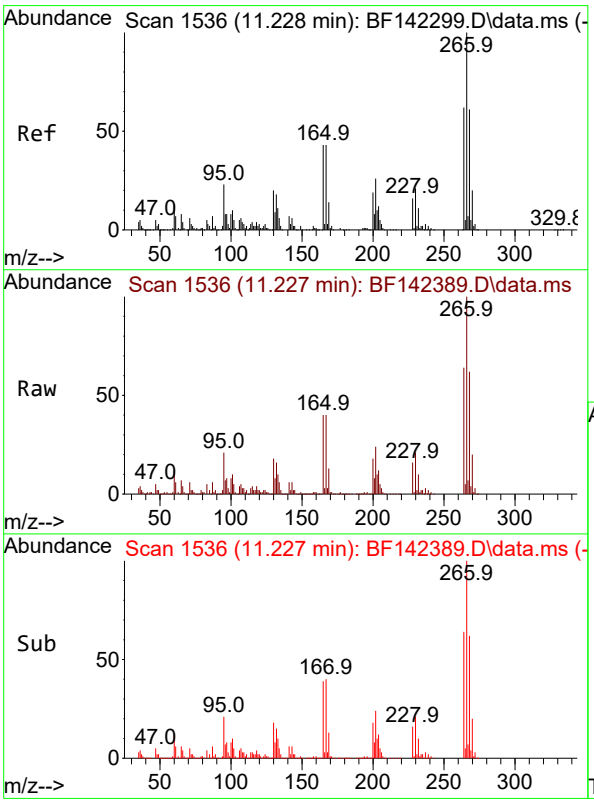
#69
Atrazine
Concen: 49.027 ng
RT: 11.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:200 Resp: 235144

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	49.7	28.8	68.8

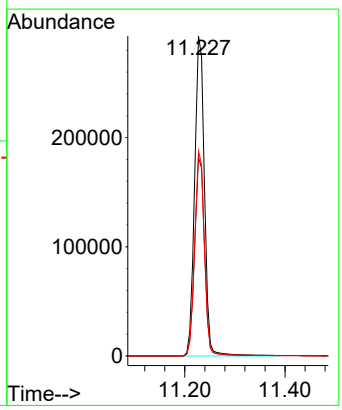


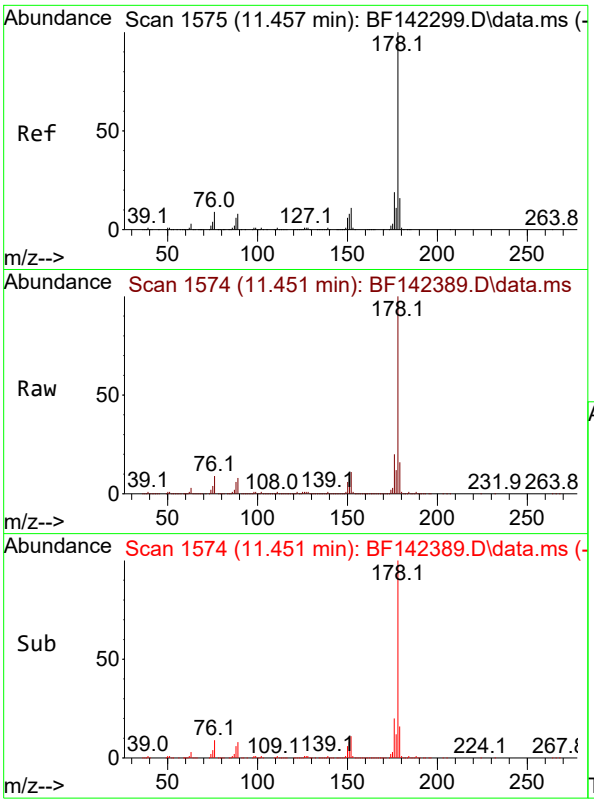


#70
Pentachlorophenol
Concen: 110.768 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:266 Resp: 397210

Ion	Ratio	Lower	Upper
266	100		
268	62.1	48.7	73.1
264	64.0	49.8	74.6



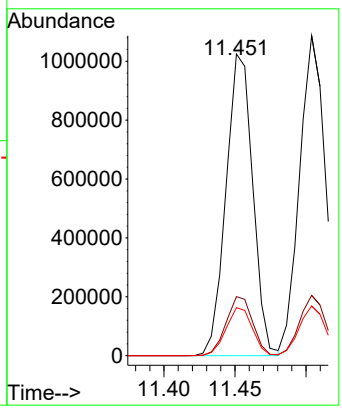


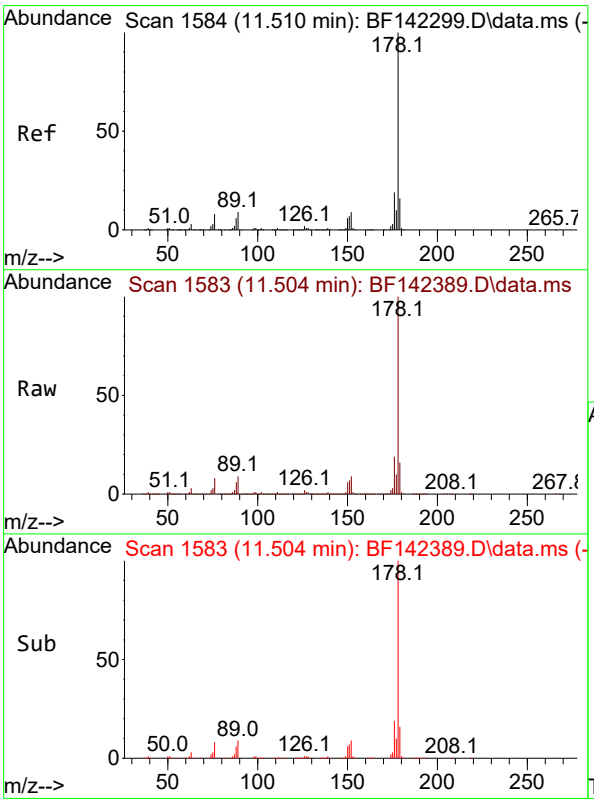
#71
Phenanthrene
Concen: 46.908 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:178 Resp: 1344429

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.9	12.6	18.8

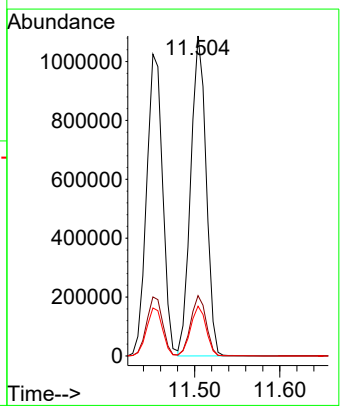


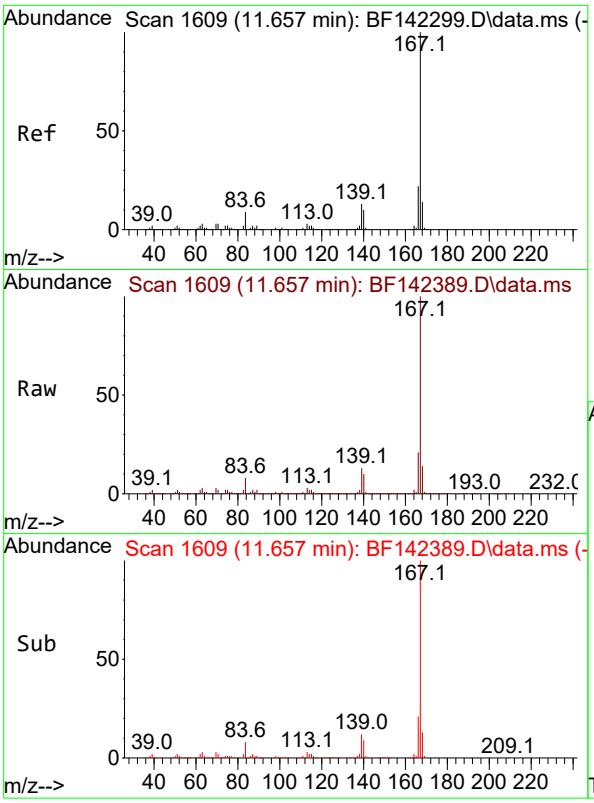


#72
Anthracene
Concen: 46.389 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:178 Resp: 1366126

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.6	12.6	18.8



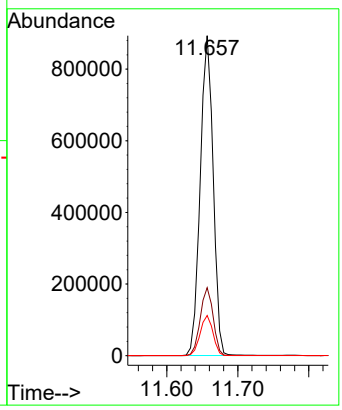


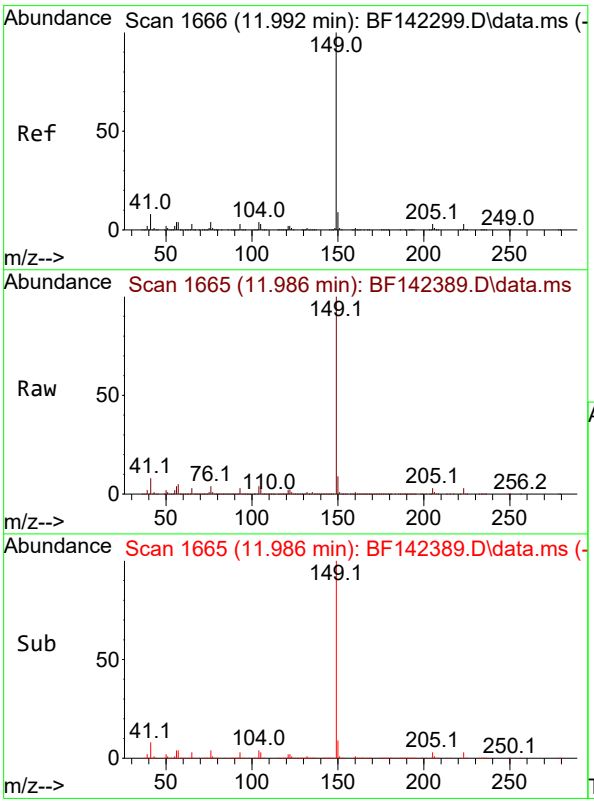
#73
Carbazole
Concen: 42.901 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:167 Resp: 1133485

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.5	10.3	15.5

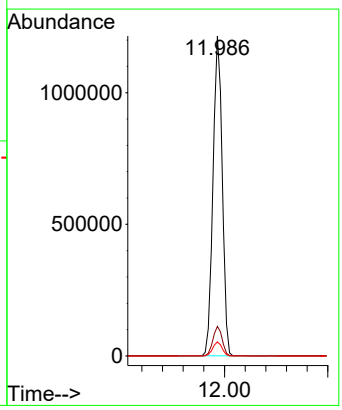


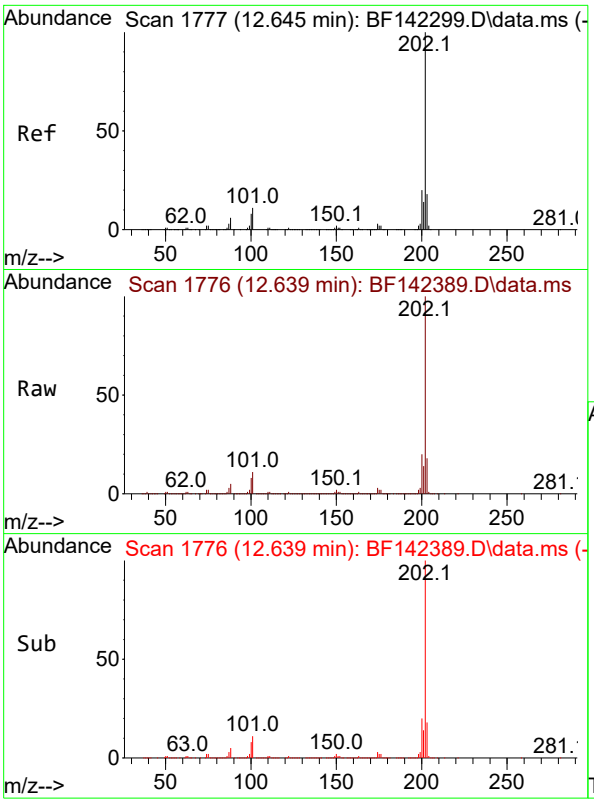


#74
Di-n-butylphthalate
Concen: 54.164 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:149 Resp: 1504794

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.4	3.6	5.4



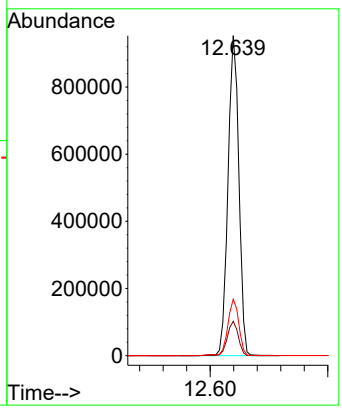


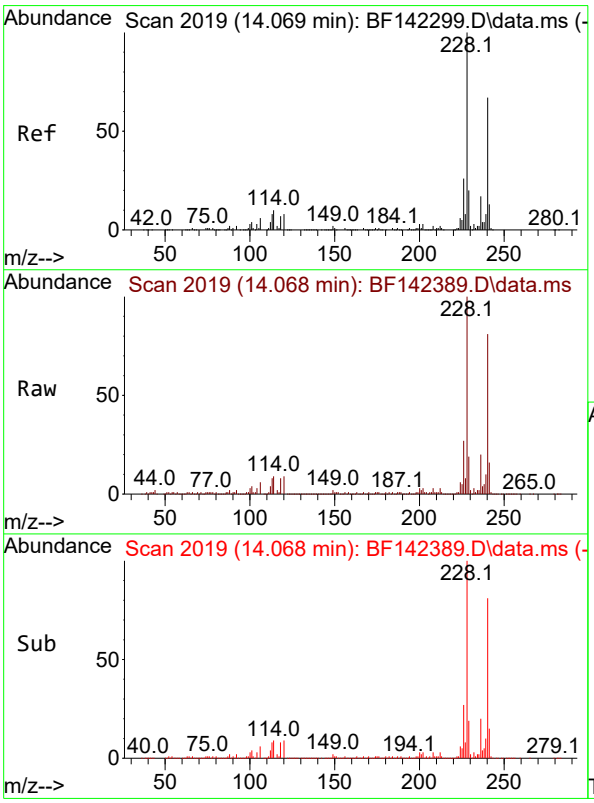
#75
Fluoranthene
Concen: 42.560 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:202 Resp: 1219362

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.6	0.0	37.9

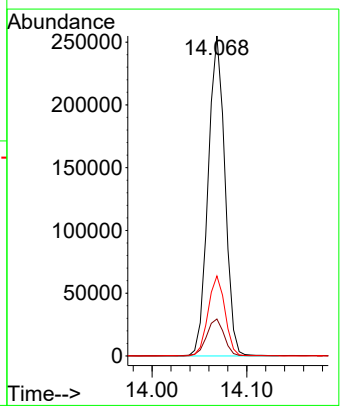


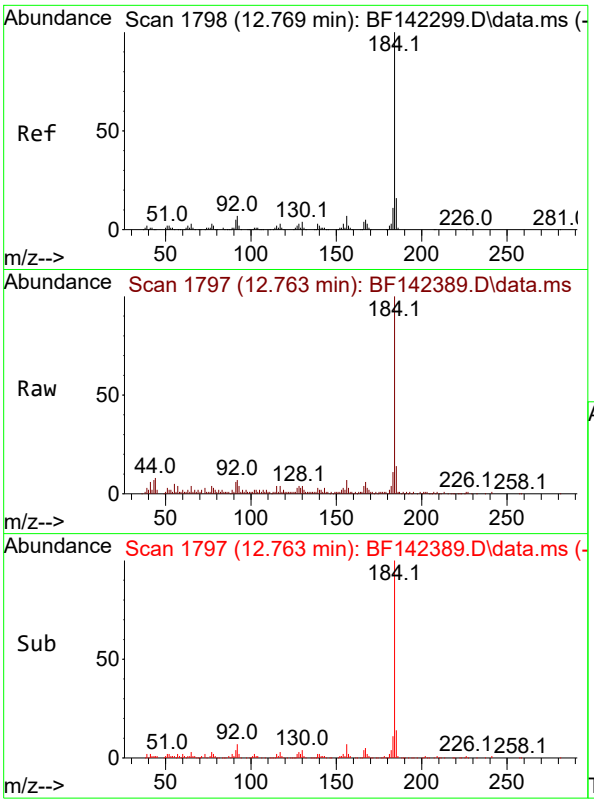


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:240 Resp: 314221

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	25.0	20.0	30.0



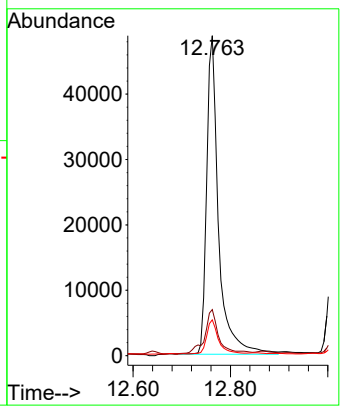


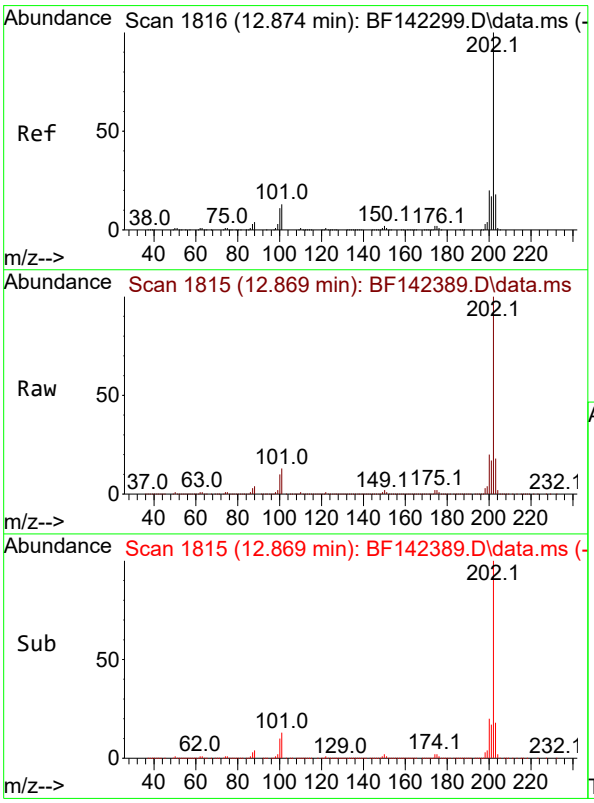
#77
Benzidine
Concen: 14.385 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:184 Resp: 82144

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.2	8.6	12.8

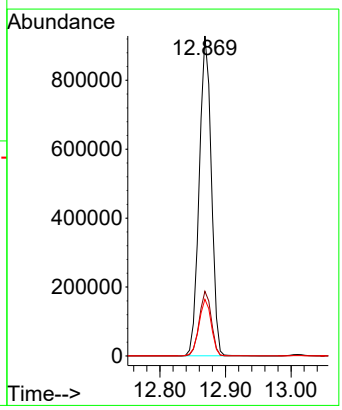


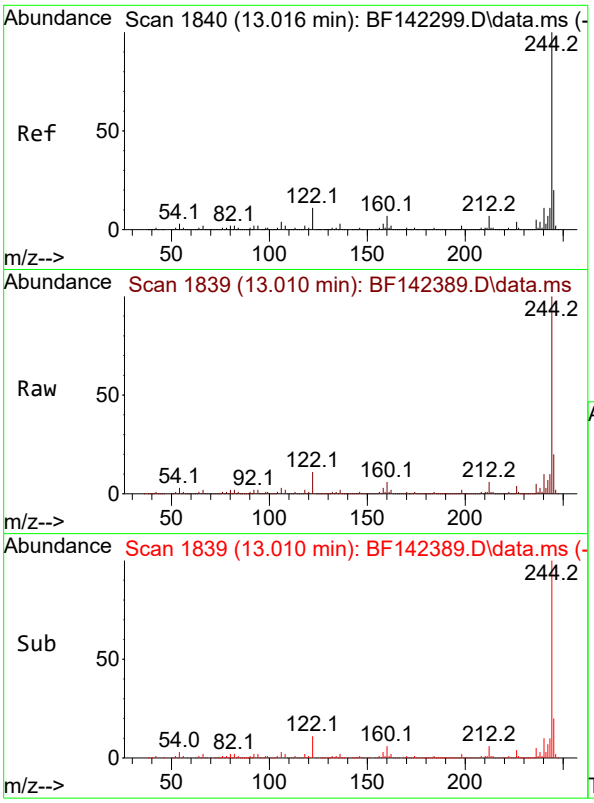


#78
Pyrene
Concen: 42.691 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:202 Resp: 1194024

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.7	14.3	21.5



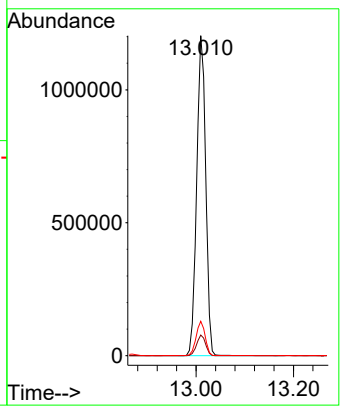


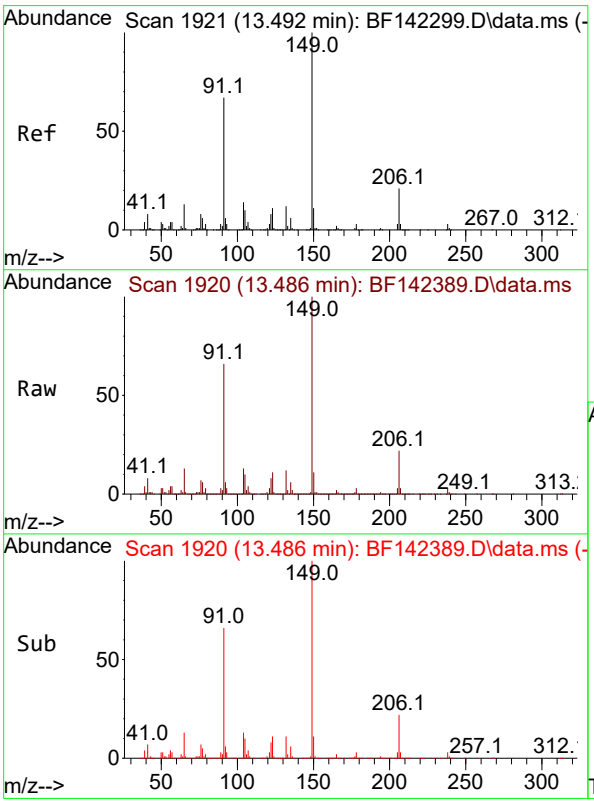
#79
Terphenyl-d14
Concen: 73.516 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:244 Resp: 1560715

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.7	9.0	13.4

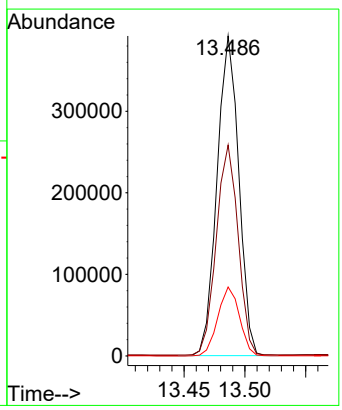


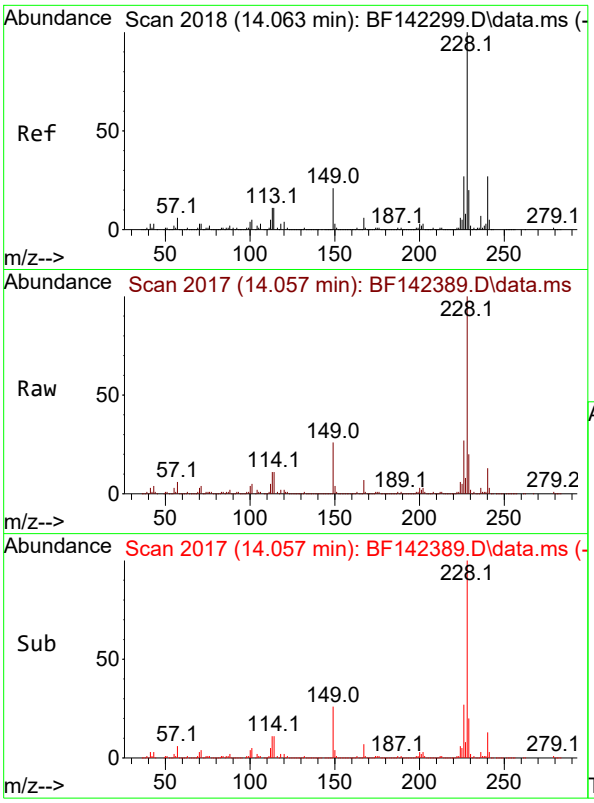


#80
Butylbenzylphthalate
Concen: 58.801 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:149 Resp: 487221

Ion	Ratio	Lower	Upper
149	100		
91	65.9	53.8	80.6
206	21.6	16.6	24.8



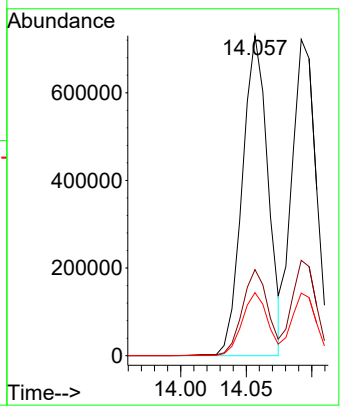


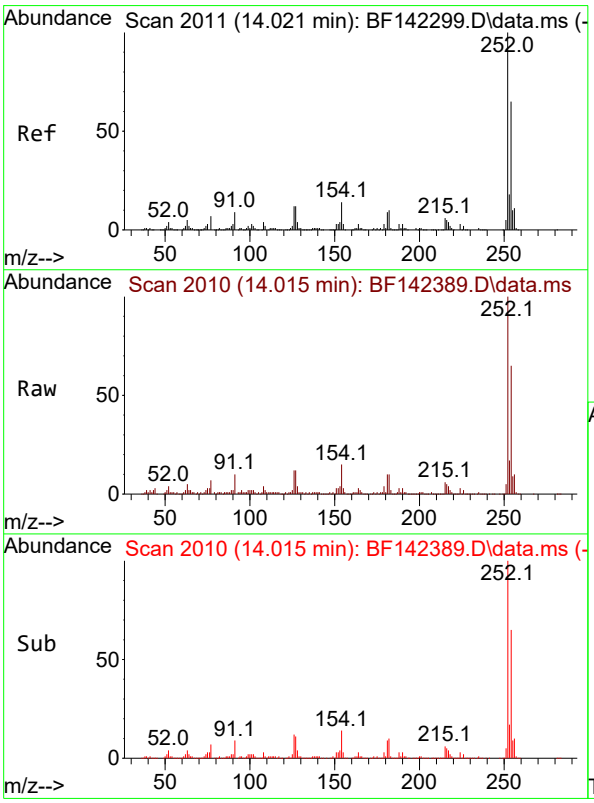
#81
Benzo(a)anthracene
Concen: 48.680 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:228 Resp: 990604

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	19.7	15.9	23.9

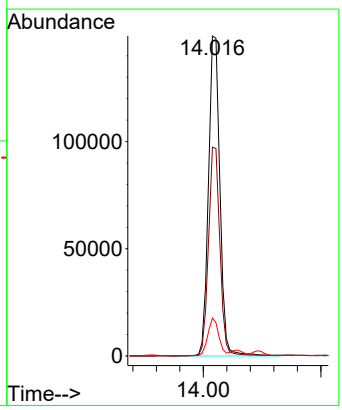


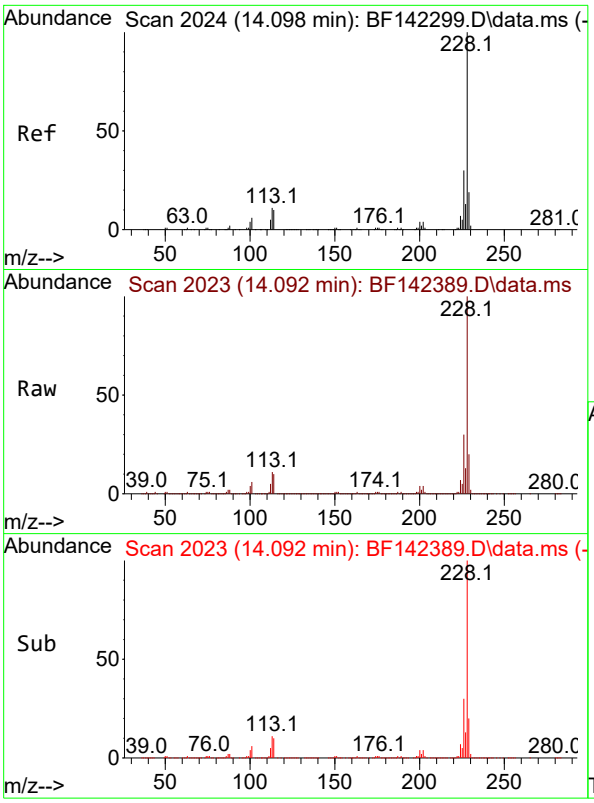


#82
3,3'-Dichlorobenzidine
Concen: 42.804 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:252 Resp: 202558

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.0	78.0
126	11.8	9.7	14.5



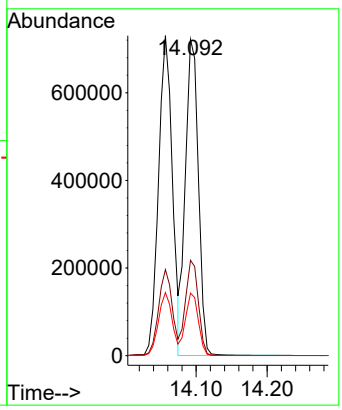


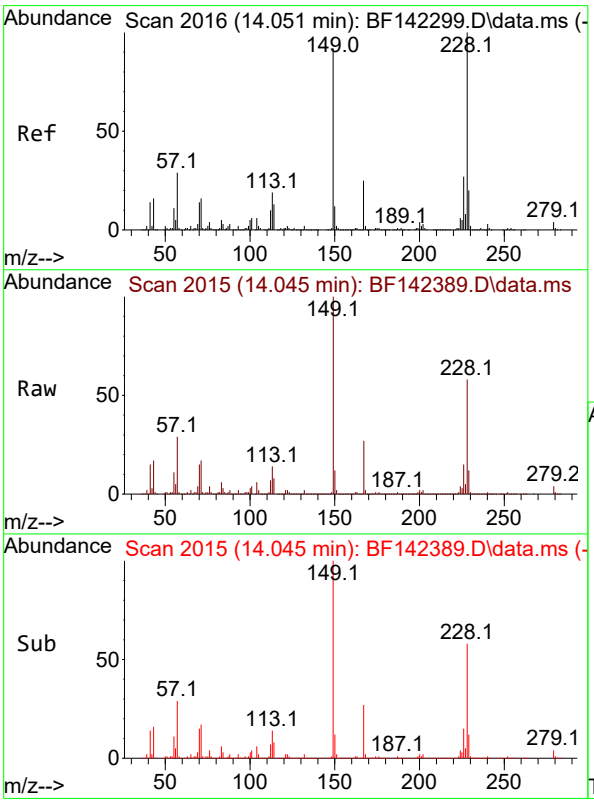
#83
Chrysene
Concen: 48.508 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:228 Resp: 918925

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.8	15.4	23.2

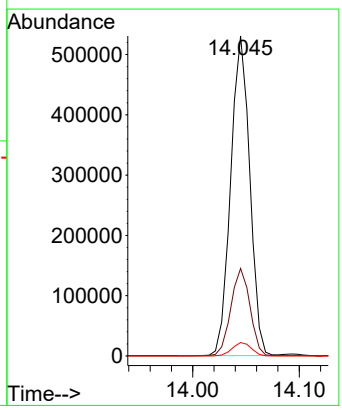


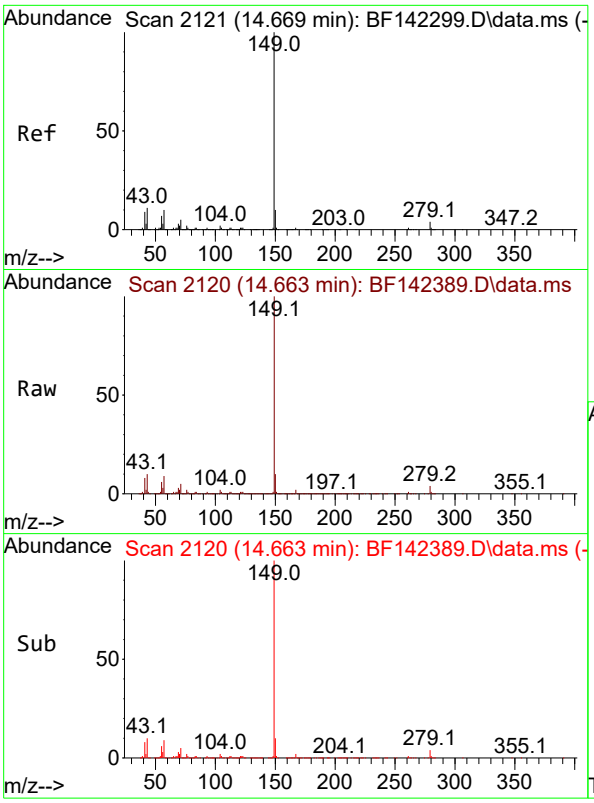


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.948 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:149 Resp: 661166

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.0	33.0
279	4.2	3.0	4.6



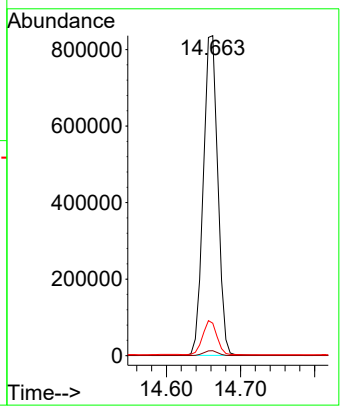


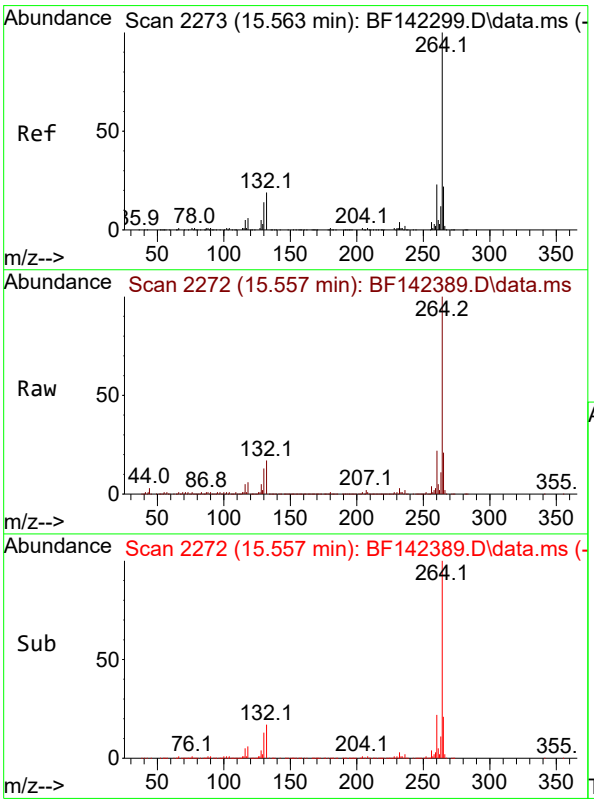
#85
Di-n-octyl phthalate
Concen: 57.300 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:149 Resp: 1132929

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	9.2	13.8

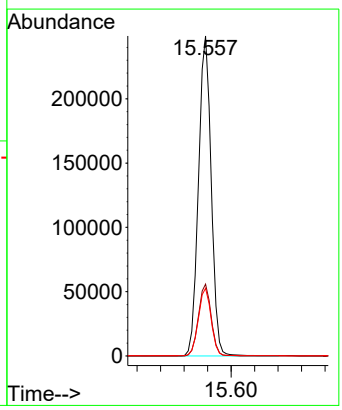


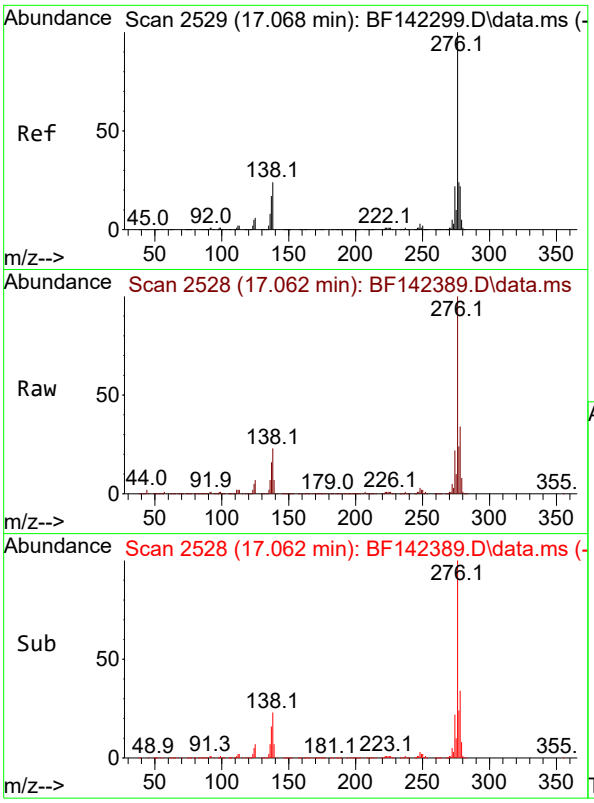


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:264 Resp: 374057

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.2	17.5	26.3



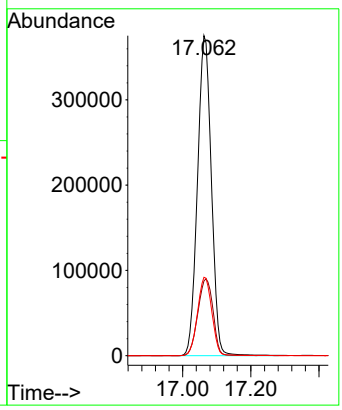


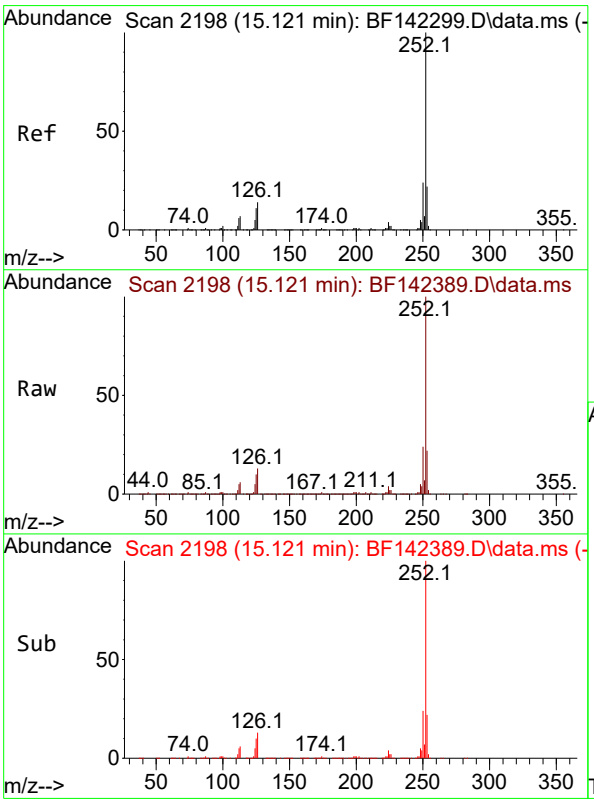
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.822 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:276 Resp: 1062226

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.0	33.0
277	25.2	20.1	30.1

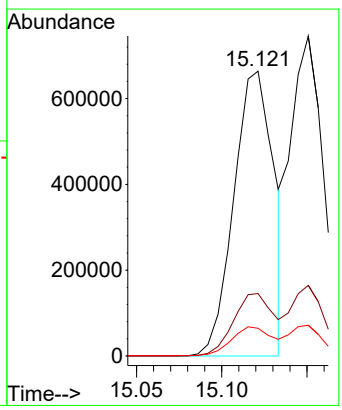


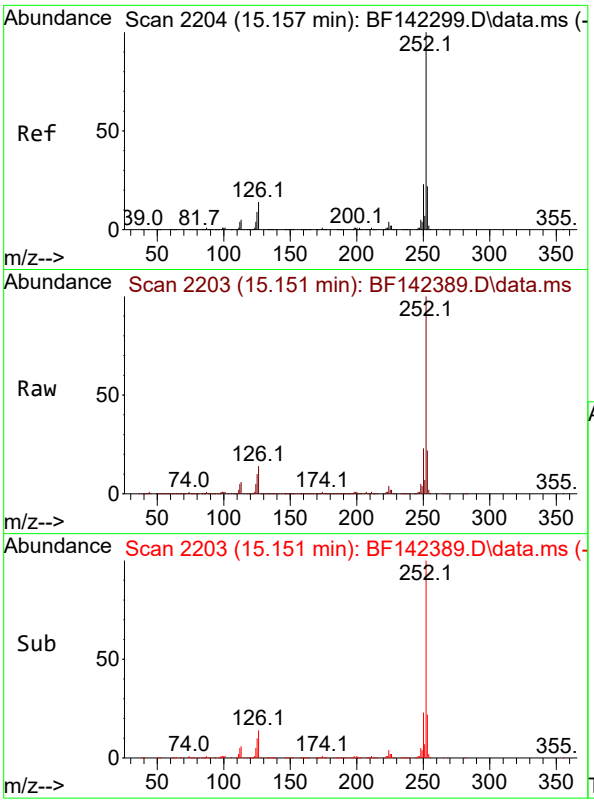


#88
Benzo(b)fluoranthene
Concen: 47.563 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:252 Resp: 1077537

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.7	8.7	13.1



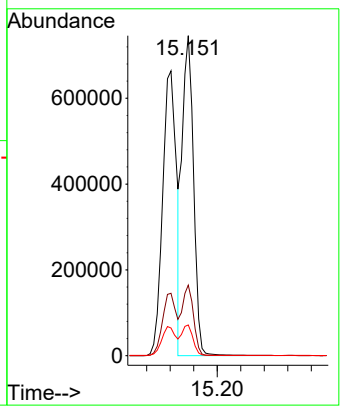


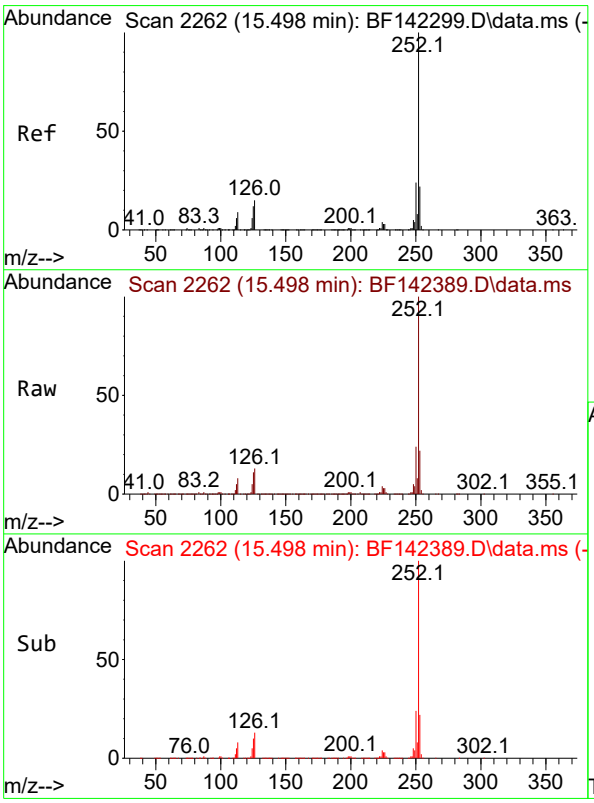
#89
Benzo(k)fluoranthene
Concen: 48.525 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:252 Resp: 1006024

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.6	8.1	12.1

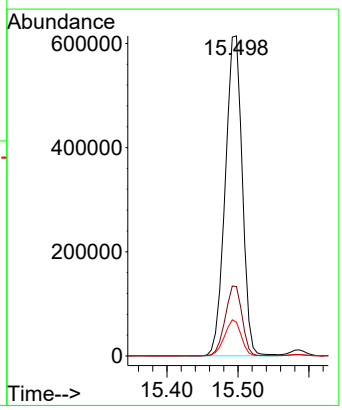


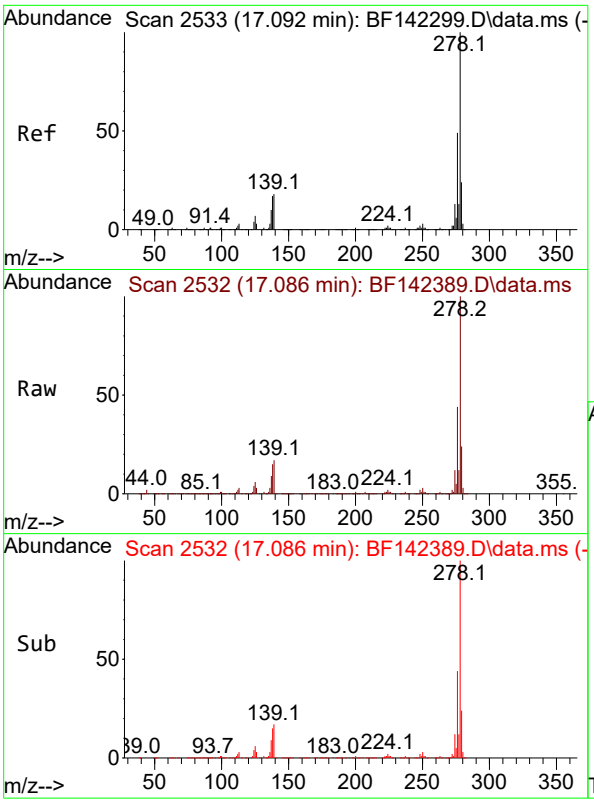


#90
Benzo(a)pyrene
Concen: 50.310 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:252 Resp: 1021358

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	9.4	14.0



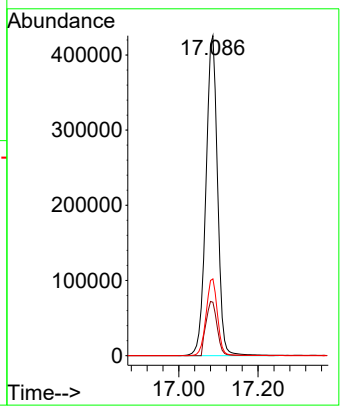


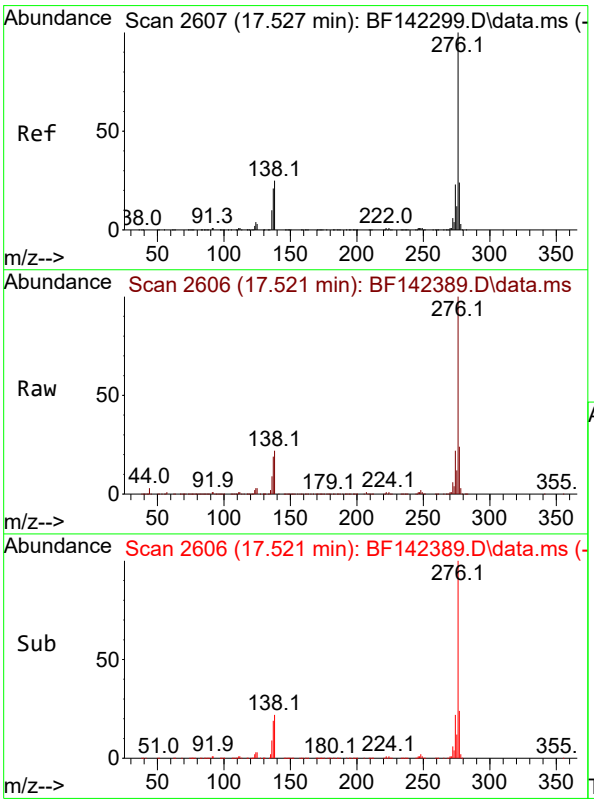
#91
Dibenzo(a,h)anthracene
Concen: 40.405 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:278 Resp: 868581

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.5	21.7
279	24.0	18.9	28.3

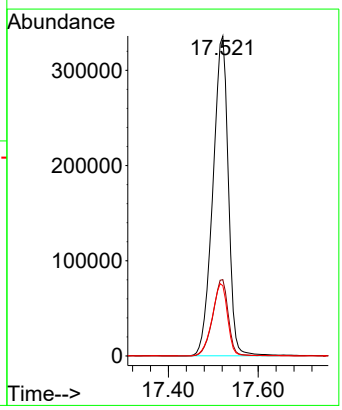




#92
Benzo(g,h,i)perylene
Concen: 37.770 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:276 Resp: 805852

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	21.9	19.8	29.6



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Manual Integration Report

Sequence:	bf050525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF142296.D	4-Chloroaniline	Rahul	5/6/2025 9:54:09 AM	Jagrut	5/6/2025 10:53:06 AM	Peak Integrated by Software
SSTDICC005	BF142296.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:09 AM	Jagrut	5/6/2025 10:53:06 AM	Peak Integrated by Software
SSTDICC005	BF142296.D	Pyridine	Rahul	5/6/2025 9:54:09 AM	Jagrut	5/6/2025 10:53:06 AM	Peak Integrated by Software
SSTDICC010	BF142297.D	4-Chloroaniline	Rahul	5/6/2025 9:54:13 AM	Jagrut	5/6/2025 10:53:10 AM	Peak Integrated by Software
SSTDICC010	BF142297.D	Benzoic acid	Rahul	5/6/2025 9:54:13 AM	Jagrut	5/6/2025 10:53:10 AM	Peak Integrated by Software
SSTDICC010	BF142297.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:13 AM	Jagrut	5/6/2025 10:53:10 AM	Peak Integrated by Software
SSTDICC020	BF142298.D	4-Chloroaniline	Rahul	5/6/2025 9:54:17 AM	Jagrut	5/6/2025 10:53:16 AM	Peak Integrated by Software
SSTDICC020	BF142298.D	Benzoic acid	Rahul	5/6/2025 9:54:17 AM	Jagrut	5/6/2025 10:53:16 AM	Peak Integrated by Software
SSTDICCC040	BF142299.D	4-Chloroaniline	Rahul	5/6/2025 9:54:21 AM	Jagrut	5/6/2025 10:53:20 AM	Peak Integrated by Software
SSTDICCC040	BF142299.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:21 AM	Jagrut	5/6/2025 10:53:20 AM	Peak Integrated by Software
SSTDICCC040	BF142299.D	Phenol	Rahul	5/6/2025 9:54:21 AM	Jagrut	5/6/2025 10:53:20 AM	Peak Integrated by Software
SSTDICC050	BF142300.D	4-Chloroaniline	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software
SSTDICC050	BF142300.D	Benzoic acid	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf050525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC050	BF142300.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software
SSTDICC050	BF142300.D	Phenol	Rahul	5/6/2025 9:54:25 AM	Jagrut	5/6/2025 10:53:28 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	4-Chloroaniline	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	Benzoic acid	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC060	BF142301.D	Phenol	Rahul	5/6/2025 9:54:28 AM	Jagrut	5/6/2025 10:53:32 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	4-Chloroaniline	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	Benzoic acid	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	Caprolactam	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICC080	BF142302.D	Phenol	Rahul	5/6/2025 9:54:34 AM	Jagrut	5/6/2025 10:53:38 AM	Peak Integrated by Software
SSTDICV040	BF142303.D	4-Chloroaniline	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software
SSTDICV040	BF142303.D	Benzoic acid	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf050525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BF142303.D	bis(2-Chloroethyl)ether	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software
SSTDICV040	BF142303.D	Phenol	Rahul	5/6/2025 9:54:37 AM	Jagrut	5/6/2025 10:53:42 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf051325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142336.D	Benzoic acid	Rahul	5/14/2025 2:06:26 PM	Jagrut	5/14/2025 5:14:40 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF051525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142384.D	4-Chloroaniline	Rahul	5/16/2025 12:18:47 PM	Jagrut	5/16/2025 5:46:51 PM	Peak Integrated by Software
PB167951BS	BF142386.D	4-Chloroaniline	Rahul	5/16/2025 12:18:50 PM	Jagrut	5/16/2025 5:47:00 PM	Peak Integrated by Software
PB167951BS	BF142386.D	Caprolactam	Rahul	5/16/2025 12:18:50 PM	Jagrut	5/16/2025 5:47:00 PM	Peak Integrated by Software
Q1993-02MS	BF142388.D	4-Chloroaniline	Rahul	5/16/2025 12:18:53 PM	Jagrut	5/16/2025 5:47:03 PM	Peak Integrated by Software
Q1993-03MSD	BF142389.D	4-Chloroaniline	Rahul	5/16/2025 12:18:56 PM	Jagrut	5/16/2025 5:47:05 PM	Peak Integrated by Software
Q1993-03MSD	BF142389.D	Caprolactam	Rahul	5/16/2025 12:18:56 PM	Jagrut	5/16/2025 5:47:05 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024615.D	4-Nitroaniline	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Benzaldehyde	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Caprolactam	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	4-Nitroaniline	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzaldehyde	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzidine	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzoic acid	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Caprolactam	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Pentachlorophenol	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzaldehyde	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzoic acid	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICCC040	BP024618.D	Benzaldehyde	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BP024618.D	Benzoic acid	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software
SSTDICC080	BP024621.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:51 PM	Jagrut	5/14/2025 5:16:14 PM	Peak Integrated by Software
SSTDICV040	BP024622.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:57 PM	Jagrut	5/14/2025 5:16:17 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050525

Review By	Rahul	Review On	5/6/2025 9:56:17 AM				
Supervise By	Jagrut	Supervise On	5/6/2025 10:53:56 AM				
SubDirectory	BF050525	HP Acquire Method	BNA_F		HP Processing Method	bf050525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142294.D	05 May 2025 13:24	RC/JU	Ok
2	SSTDICC2.5	BF142295.D	05 May 2025 13:54	RC/JU	Ok
3	SSTDICC005	BF142296.D	05 May 2025 14:23	RC/JU	Ok,M
4	SSTDICC010	BF142297.D	05 May 2025 14:52	RC/JU	Ok,M
5	SSTDICC020	BF142298.D	05 May 2025 15:21	RC/JU	Ok,M
6	SSTDICCC040	BF142299.D	05 May 2025 15:50	RC/JU	Ok,M
7	SSTDICC050	BF142300.D	05 May 2025 16:18	RC/JU	Ok,M
8	SSTDICC060	BF142301.D	05 May 2025 16:47	RC/JU	Ok,M
9	SSTDICC080	BF142302.D	05 May 2025 17:15	RC/JU	Ok,M
10	SSTDICV040	BF142303.D	05 May 2025 18:13	RC/JU	Ok,M
11	PB167836BL	BF142304.D	05 May 2025 18:41	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051325

Review By	Rahul	Review On	5/14/2025 2:19:00 PM				
Supervise By	Jagrut	Supervise On	5/14/2025 5:15:10 PM				
SubDirectory	BF051325	HP Acquire Method	BNA_F		HP Processing Method	bf050525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142335.D	13 May 2025 10:20	RC/JU	Ok
2	SSTDCCC040	BF142336.D	13 May 2025 10:49	RC/JU	Ok,M
3	PB167951BL	BF142337.D	13 May 2025 11:17	RC/JU	Ok
4	PB167951BS	BF142338.D	13 May 2025 11:46	RC/JU	Ok,M
5	Q1985-01	BF142339.D	13 May 2025 12:19	RC/JU	ReRun
6	Q1993-01	BF142340.D	13 May 2025 12:47	RC/JU	Ok
7	Q1993-02MS	BF142341.D	13 May 2025 13:16	RC/JU	Ok,M
8	Q1993-03MSD	BF142342.D	13 May 2025 13:45	RC/JU	Ok,M
9	Q1986-10	BF142343.D	13 May 2025 14:13	RC/JU	Ok
10	Q2008-01	BF142344.D	13 May 2025 15:17	RC/JU	Ok
11	Q2002-01	BF142345.D	13 May 2025 15:45	RC/JU	Ok,M
12	Q2007-01	BF142346.D	13 May 2025 16:14	RC/JU	Ok
13	Q2007-07	BF142347.D	13 May 2025 16:43	RC/JU	Ok
14	Q2007-13	BF142348.D	13 May 2025 17:11	RC/JU	Ok
15	Q2007-19	BF142349.D	13 May 2025 17:40	RC/JU	Ok
16	Q2007-25	BF142350.D	13 May 2025 18:09	RC/JU	Ok
17	Q2004-07	BF142351.D	13 May 2025 18:37	RC/JU	Ok
18	Q2004-11	BF142352.D	13 May 2025 19:06	RC/JU	Ok
19	Q2004-05	BF142353.D	13 May 2025 19:35	RC/JU	Ok
20	Q2007-31	BF142354.D	13 May 2025 20:04	RC/JU	Ok
21	Q2004-02	BF142355.D	13 May 2025 20:32	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051325

Review By	Rahul	Review On	5/14/2025 2:19:00 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:15:10 PM		
SubDirectory	BF051325	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2004-02MS	BF142356.D	13 May 2025 21:01	RC/JU	Ok,M
23	Q2004-02MSD	BF142357.D	13 May 2025 21:30	RC/JU	Ok,M
24	Q2004-04	BF142358.D	13 May 2025 21:59	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM				
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM				
SubDirectory	BF051525	HP Acquire Method	BNA_F			HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142383.D	15 May 2025 09:09	RC/JU	Ok
2	SSTDCCC040	BF142384.D	15 May 2025 10:08	RC/JU	Ok,M
3	PB167951BL	BF142385.D	15 May 2025 10:37	RC/JU	Ok
4	PB167951BS	BF142386.D	15 May 2025 11:06	RC/JU	Ok,M
5	Q1985-01	BF142387.D	15 May 2025 11:49	RC/JU	Ok
6	Q1993-02MS	BF142388.D	15 May 2025 12:18	RC/JU	Ok,M
7	Q1993-03MSD	BF142389.D	15 May 2025 12:47	RC/JU	Ok,M
8	Q1983-07	BF142390.D	15 May 2025 13:24	RC/JU	Ok,M
9	SSTDCCC040	BF142391.D	15 May 2025 13:58	RC/JU	Ok
10	DFTPP	BF142392.D	15 May 2025 14:27	RC/JU	Ok
11	SSTDCCC040	BF142393.D	15 May 2025 15:41	RC/JU	Ok
12	PB167953BL	BF142394.D	15 May 2025 16:10	RC/JU	Ok
13	Q2023-01	BF142395.D	15 May 2025 16:43	RC/JU	Ok
14	Q2022-01	BF142396.D	15 May 2025 17:12	RC/JU	Ok
15	Q2010-03	BF142397.D	15 May 2025 17:42	RC/JU	Ok
16	Q2010-04	BF142398.D	15 May 2025 18:11	RC/JU	Ok
17	Q1982-06	BF142399.D	15 May 2025 18:40	RC/JU	Ok
18	Q2022-04	BF142400.D	15 May 2025 19:09	RC/JU	Ok
19	Q2022-04MS	BF142401.D	15 May 2025 19:38	RC/JU	Ok,M
20	Q2022-04MSD	BF142402.D	15 May 2025 20:07	RC/JU	Ok,M
21	Q2014-05	BF142403.D	15 May 2025 20:36	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM		
SubDirectory	BF051525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2022-02	BF142404.D	15 May 2025 21:05	RC/JU	Ok,M
23	Q2019-01	BF142405.D	15 May 2025 21:34	RC/JU	Ok
24	Q1982-07	BF142406.D	15 May 2025 22:04	RC/JU	Ok
25	Q2038-01	BF142407.D	15 May 2025 22:33	RC/JU	Dilution
26	Q1982-05	BF142408.D	15 May 2025 23:01	RC/JU	Ok
27	Q2014-01	BF142409.D	15 May 2025 23:31	RC/JU	Ok
28	Q2020-01	BF142410.D	15 May 2025 23:59	RC/JU	Ok
29	Q2024-01	BF142411.D	16 May 2025 00:28	RC/JU	Ok,M
30	Q2010-01	BF142412.D	16 May 2025 00:58	RC/JU	Ok,M
31	Q1982-04	BF142413.D	16 May 2025 01:27	RC/JU	Ok,M
32	Q2039-01	BF142414.D	16 May 2025 01:56	RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM				
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM				
SubDirectory	BP051325	HP Acquire Method	BNA_P		HP Processing Method	bp051325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024613.D	13 May 2025 10:00	RC/JU	Ok
2	SSTDICC2.5	BP024614.D	13 May 2025 10:41	RC/JU	Ok
3	SSTDICC005	BP024615.D	13 May 2025 11:22	RC/JU	Ok,M
4	SSTDICC010	BP024616.D	13 May 2025 12:03	RC/JU	Ok,M
5	SSTDICC020	BP024617.D	13 May 2025 12:43	RC/JU	Ok,M
6	SSTDICCC040	BP024618.D	13 May 2025 13:24	RC/JU	Ok,M
7	SSTDICC050	BP024619.D	13 May 2025 14:05	RC/JU	Ok
8	SSTDICC060	BP024620.D	13 May 2025 14:45	RC/JU	Ok
9	SSTDICC080	BP024621.D	13 May 2025 15:26	RC/JU	Ok,M
10	SSTDICV040	BP024622.D	13 May 2025 17:01	RC/JU	Ok,M
11	PB167917TB	BP024623.D	13 May 2025 18:23	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP051625	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024650.D	16 May 2025 10:09	RC/JU	Ok
2	SSTDCCC040	BP024651.D	16 May 2025 10:49	RC/JU	Ok
3	PB168026BL	BP024652.D	16 May 2025 11:30	RC/JU	Ok
4	PB168019BS	BP024653.D	16 May 2025 12:11	RC/JU	Ok
5	PB168019BSD	BP024654.D	16 May 2025 12:52	RC/JU	Ok,NR
6	PB168019BL	BP024655.D	16 May 2025 13:33	RC/JU	Ok
7	Q2006-02	BP024656.D	16 May 2025 14:14	RC/JU	Ok
8	Q1993-04	BP024657.D	16 May 2025 14:55	RC/JU	Ok
9	Q1993-05	BP024658.D	16 May 2025 15:36	RC/JU	Ok
10	Q1993-06	BP024659.D	16 May 2025 16:17	RC/JU	Ok
11	Q1993-07	BP024660.D	16 May 2025 16:58	RC/JU	Ok
12	Q1993-08	BP024661.D	16 May 2025 17:39	RC/JU	Ok
13	Q2019-04	BP024664.D	16 May 2025 19:41	RC/JU	Ok
14	Q2019-04MS	BP024665.D	16 May 2025 20:22	RC/JU	Ok
15	Q2019-04MSD	BP024666.D	16 May 2025 21:03	RC/JU	Ok
16	Q2038-02	BP024667.D	16 May 2025 21:44	RC/JU	Ok
17	DFTPP	BP024668.D	16 May 2025 23:06	RC/JU	Ok
18	SSTDCCC040	BP024669.D	16 May 2025 23:48	RC/JU	Ok,NR
19	PB167994TB	BP024670.D	17 May 2025 00:29	RC/JU	Ok
20	Q2034-04	BP024671.D	17 May 2025 01:10	RC/JU	Ok
21	Q2034-08	BP024672.D	17 May 2025 01:52	RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP051625	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2034-12	BP024673.D	17 May 2025 02:33	RC/JU	Ok
23	Q2034-16	BP024674.D	17 May 2025 03:14	RC/JU	Ok
24	Q2034-20	BP024675.D	17 May 2025 03:55	RC/JU	Ok
25	Q2034-24	BP024676.D	17 May 2025 04:37	RC/JU	Ok
26	Q2048-04	BP024677.D	17 May 2025 05:17	RC/JU	Ok
27	Q2048-08	BP024678.D	17 May 2025 05:58	RC/JU	Ok
28	Q2048-12	BP024679.D	17 May 2025 06:39	RC/JU	Ok
29	Q2048-16	BP024680.D	17 May 2025 07:20	RC/JU	Ok
30	Q2032-09	BP024681.D	17 May 2025 08:01	RC/JU	Ok
31	Q2020-04	BP024682.D	17 May 2025 08:42	RC/JU	Ok
32	Q2027-03	BP024683.D	17 May 2025 09:22	RC/JU	Ok
33	Q2027-04	BP024684.D	17 May 2025 10:03	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050525

Review By	Rahul	Review On	5/6/2025 9:56:17 AM		
Supervise By	Jagrut	Supervise On	5/6/2025 10:53:56 AM		
SubDirectory	BF050525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142294.D	05 May 2025 13:24		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142295.D	05 May 2025 13:54		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142296.D	05 May 2025 14:23	Compound#32-54-65-77-85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF142297.D	05 May 2025 14:52		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF142298.D	05 May 2025 15:21		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF142299.D	05 May 2025 15:50	Compound#26-54-65-80-84-85 kept on LR & #32 kept on QR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF142300.D	05 May 2025 16:18		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF142301.D	05 May 2025 16:47		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF142302.D	05 May 2025 17:15	Compound#9 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBF050525	BF142303.D	05 May 2025 18:13		RC/JU	Ok,M
11	PB167836BL	PB167836BL	BF142304.D	05 May 2025 18:41	Analyzed for contamination check.	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051325

Review By	Rahul	Review On	5/14/2025 2:19:00 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:15:10 PM		
SubDirectory	BF051325	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142335.D	13 May 2025 10:20		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142336.D	13 May 2025 10:49		RC/JU	Ok,M
3	PB167951BL	PB167951BL	BF142337.D	13 May 2025 11:17	Use for all Except Q1985-01 (DOD)	RC/JU	Ok
4	PB167951BS	PB167951BS	BF142338.D	13 May 2025 11:46	Use for all Except Q1985-01 (DOD)	RC/JU	Ok,M
5	Q1985-01	RW8-BW-20250507	BF142339.D	13 May 2025 12:19	CCC fail high side for com. #74, END CCC missing	RC/JU	ReRun
6	Q1993-01	MW-3-20250508	BF142340.D	13 May 2025 12:47		RC/JU	Ok
7	Q1993-02MS	MW-3-20250508MS	BF142341.D	13 May 2025 13:16	Use for all Except Q1985-01 (DOD)	RC/JU	Ok,M
8	Q1993-03MSD	MW-3-20250508MSD	BF142342.D	13 May 2025 13:45	Use for all Except Q1985-01 (DOD)	RC/JU	Ok,M
9	Q1986-10	VNJ-218	BF142343.D	13 May 2025 14:13		RC/JU	Ok
10	Q2008-01	IDW-AQ-DRUM-633-05	BF142344.D	13 May 2025 15:17		RC/JU	Ok
11	Q2002-01	EO-02-05092025	BF142345.D	13 May 2025 15:45		RC/JU	Ok,M
12	Q2007-01	OR-636-COMP-10	BF142346.D	13 May 2025 16:14		RC/JU	Ok
13	Q2007-07	OR-636-COMP-11	BF142347.D	13 May 2025 16:43		RC/JU	Ok
14	Q2007-13	OR-636-COMP-12	BF142348.D	13 May 2025 17:11		RC/JU	Ok
15	Q2007-19	OR-636-COMP-13	BF142349.D	13 May 2025 17:40		RC/JU	Ok
16	Q2007-25	OR-636-COMP-14	BF142350.D	13 May 2025 18:09		RC/JU	Ok
17	Q2004-07	205510	BF142351.D	13 May 2025 18:37		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051325

Review By	Rahul	Review On	5/14/2025 2:19:00 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:15:10 PM		
SubDirectory	BF051325	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2004-11	STONE-STOCK	BF142352.D	13 May 2025 19:06		RC/JU	Ok
19	Q2004-05	R0202	BF142353.D	13 May 2025 19:35		RC/JU	Ok
20	Q2007-31	OR-636-COMP-15	BF142354.D	13 May 2025 20:04		RC/JU	Ok
21	Q2004-02	VNJ-220	BF142355.D	13 May 2025 20:32		RC/JU	Ok
22	Q2004-02MS	VNJ-220MS	BF142356.D	13 May 2025 21:01		RC/JU	Ok,M
23	Q2004-02MSD	VNJ-220MSD	BF142357.D	13 May 2025 21:30		RC/JU	Ok,M
24	Q2004-04	2811	BF142358.D	13 May 2025 21:59		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM		
SubDirectory	BF051525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142383.D	15 May 2025 09:09		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142384.D	15 May 2025 10:08		RC/JU	Ok,M
3	PB167951BL	PB167951BL	BF142385.D	15 May 2025 10:37		RC/JU	Ok
4	PB167951BS	PB167951BS	BF142386.D	15 May 2025 11:06		RC/JU	Ok,M
5	Q1985-01	RW8-BW-20250507	BF142387.D	15 May 2025 11:49		RC/JU	Ok
6	Q1993-02MS	MW-3-20250508MS	BF142388.D	15 May 2025 12:18		RC/JU	Ok,M
7	Q1993-03MSD	MW-3-20250508MSD	BF142389.D	15 May 2025 12:47		RC/JU	Ok,M
8	Q1983-07	OR-636-COMP-02	BF142390.D	15 May 2025 13:24		RC/JU	Ok,M
9	SSTDCCC040	SSTDCCC040EC	BF142391.D	15 May 2025 13:58		RC/JU	Ok
10	DFTPP	DFTPP	BF142392.D	15 May 2025 14:27		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF142393.D	15 May 2025 15:41		RC/JU	Ok
12	PB167953BL	PB167953BL	BF142394.D	15 May 2025 16:10		RC/JU	Ok
13	Q2023-01	HEATER-PAD	BF142395.D	15 May 2025 16:43		RC/JU	Ok
14	Q2022-01	336	BF142396.D	15 May 2025 17:12		RC/JU	Ok
15	Q2010-03	TP-14	BF142397.D	15 May 2025 17:42		RC/JU	Ok
16	Q2010-04	TP-17	BF142398.D	15 May 2025 18:11		RC/JU	Ok
17	Q1982-06	TP-6	BF142399.D	15 May 2025 18:40		RC/JU	Ok
18	Q2022-04	COMP-2	BF142400.D	15 May 2025 19:09		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF051525

Review By	Rahul	Review On	5/16/2025 2:19:49 PM		
Supervise By	Jagrut	Supervise On	5/16/2025 5:48:19 PM		
SubDirectory	BF051525	HP Acquire Method	BNA_F	HP Processing Method	bf050525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2022-04MS	COMP-2MS	BF142401.D	15 May 2025 19:38		RC/JU	Ok,M
20	Q2022-04MSD	COMP-2MSD	BF142402.D	15 May 2025 20:07		RC/JU	Ok,M
21	Q2014-05	MOO-25-0148	BF142403.D	15 May 2025 20:36		RC/JU	Ok
22	Q2022-02	COMP-1	BF142404.D	15 May 2025 21:05		RC/JU	Ok,M
23	Q2019-01	MH-K	BF142405.D	15 May 2025 21:34		RC/JU	Ok
24	Q1982-07	TP-8	BF142406.D	15 May 2025 22:04		RC/JU	Ok
25	Q2038-01	72-11991	BF142407.D	15 May 2025 22:33	Need 5X Dilution	RC/JU	Dilution
26	Q1982-05	TP-5	BF142408.D	15 May 2025 23:01		RC/JU	Ok
27	Q2014-01	MOO-25-0134	BF142409.D	15 May 2025 23:31	Internal Standard Fail	RC/JU	Ok
28	Q2020-01	TP-A	BF142410.D	15 May 2025 23:59		RC/JU	Ok
29	Q2024-01	PL-02-051325	BF142411.D	16 May 2025 00:28		RC/JU	Ok,M
30	Q2010-01	TP-10	BF142412.D	16 May 2025 00:58		RC/JU	Ok,M
31	Q1982-04	TP-4	BF142413.D	16 May 2025 01:27		RC/JU	Ok,M
32	Q2039-01	TR-05-05142025	BF142414.D	16 May 2025 01:56		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024613.D	13 May 2025 10:00		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024614.D	13 May 2025 10:41		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024615.D	13 May 2025 11:22	Compound#32-54-56-65-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024616.D	13 May 2025 12:03		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024617.D	13 May 2025 12:43		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024618.D	13 May 2025 13:24	Compound#32-54-56 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP024619.D	13 May 2025 14:05		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024620.D	13 May 2025 14:45		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024621.D	13 May 2025 15:26		RC/JU	Ok,M
10	SSTDICV040	ICVBP051325	BP024622.D	13 May 2025 17:01		RC/JU	Ok,M
11	PB167917TB	PB167917TB	BP024623.D	13 May 2025 18:23		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP051625	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024650.D	16 May 2025 10:09		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024651.D	16 May 2025 10:49		RC/JU	Ok
3	PB168026BL	PB168026BL	BP024652.D	16 May 2025 11:30		RC/JU	Ok
4	PB168019BS	PB168019BS	BP024653.D	16 May 2025 12:11		RC/JU	Ok
5	PB168019BSD	PB168019BSD	BP024654.D	16 May 2025 12:52		RC/JU	Ok,NR
6	PB168019BL	PB168019BL	BP024655.D	16 May 2025 13:33		RC/JU	Ok
7	Q2006-02	EFF-WW	BP024656.D	16 May 2025 14:14		RC/JU	Ok
8	Q1993-04	MW-3-20250508-A	BP024657.D	16 May 2025 14:55		RC/JU	Ok
9	Q1993-05	MW-2-20250508	BP024658.D	16 May 2025 15:36		RC/JU	Ok
10	Q1993-06	MW-1-20250508	BP024659.D	16 May 2025 16:17		RC/JU	Ok
11	Q1993-07	MW-4-20250508	BP024660.D	16 May 2025 16:58		RC/JU	Ok
12	Q1993-08	EB-20250508	BP024661.D	16 May 2025 17:39		RC/JU	Ok
13	Q2019-04	MH-K	BP024664.D	16 May 2025 19:41		RC/JU	Ok
14	Q2019-04MS	MH-KMS	BP024665.D	16 May 2025 20:22		RC/JU	Ok
15	Q2019-04MSD	MH-KMSD	BP024666.D	16 May 2025 21:03		RC/JU	Ok
16	Q2038-02	72-11991	BP024667.D	16 May 2025 21:44		RC/JU	Ok
17	DFTPP	DFTPP	BP024668.D	16 May 2025 23:06	Tailing is 2.14 for pentachlorophenol	RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP051625	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	SSTDCCC040	SSTDCCC040	BP024669.D	16 May 2025 23:48		RC/JU	Ok,NR
19	PB167994TB	PB167994TB	BP024670.D	17 May 2025 00:29		RC/JU	Ok
20	Q2034-04	L3-WC-1	BP024671.D	17 May 2025 01:10		RC/JU	Ok
21	Q2034-08	L3-WC-2	BP024672.D	17 May 2025 01:52		RC/JU	Ok
22	Q2034-12	L3-WC-3	BP024673.D	17 May 2025 02:33		RC/JU	Ok
23	Q2034-16	L3-WC-4	BP024674.D	17 May 2025 03:14		RC/JU	Ok
24	Q2034-20	L3-WC-5	BP024675.D	17 May 2025 03:55		RC/JU	Ok
25	Q2034-24	L3-WC-6	BP024676.D	17 May 2025 04:37		RC/JU	Ok
26	Q2048-04	L2-WC-1	BP024677.D	17 May 2025 05:17		RC/JU	Ok
27	Q2048-08	L2-WC-2	BP024678.D	17 May 2025 05:58		RC/JU	Ok
28	Q2048-12	L2-WC-3	BP024679.D	17 May 2025 06:39		RC/JU	Ok
29	Q2048-16	L2-WC-4	BP024680.D	17 May 2025 07:20		RC/JU	Ok
30	Q2032-09	COMP-1	BP024681.D	17 May 2025 08:01		RC/JU	Ok
31	Q2020-04	TP-A	BP024682.D	17 May 2025 08:42		RC/JU	Ok
32	Q2027-03	B27-SOIL-SAMPLE	BP024683.D	17 May 2025 09:22		RC/JU	Ok
33	Q2027-04	B28-SOIL-SAMPLE	BP024684.D	17 May 2025 10:03		RC/JU	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB167951

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/12/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	05/12/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	15:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
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	E3930
Baked Na2SO4	N/A	EP2611
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH. Q2008 Added at 11:01 AM.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/12/25	RS (Ext Lab)	RC/SVOC
15:30	**Preparation Group**	**Analysis Group**

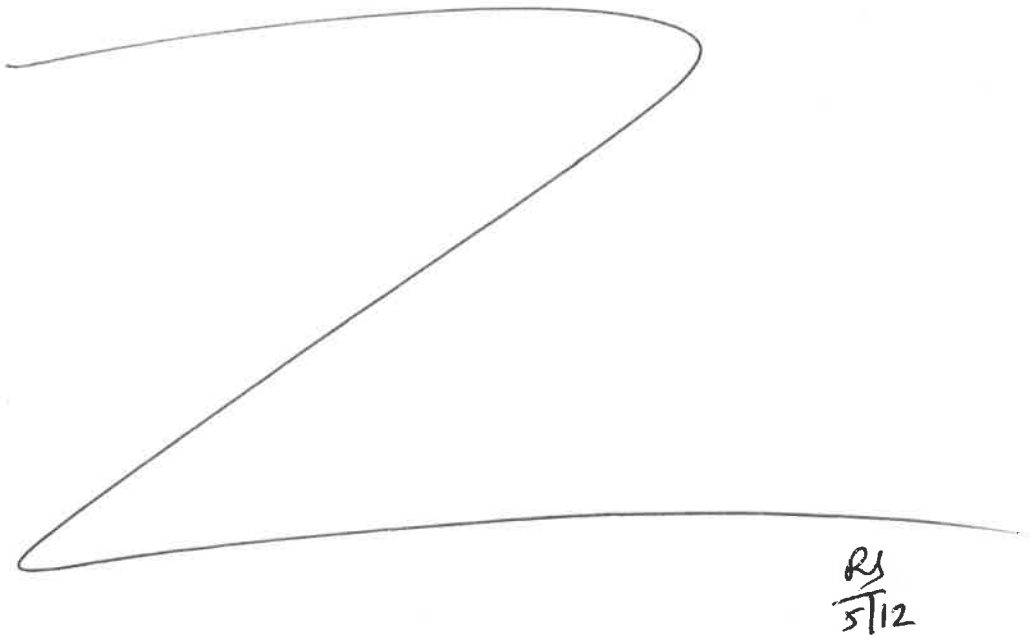
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167951

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 05/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167951BL	SBLK951	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB167951BS	SLCS951	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
Q1985-01	RW8-BW-20250507	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	G		3
Q1993-01	MW-3-20250508	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		4
Q1993-02	Q1993-01MS	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		5
Q1993-03	Q1993-01MSD	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		6
Q1993-04	MW-3-20250508-A	SVOCMS Group1	990	6	RUPESH	ritesh	1	C		7
Q1993-05	MW-2-20250508	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		8
Q1993-06	MW-1-20250508	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		9
Q1993-07	MW-4-20250508	SVOCMS Group1	990	6	RUPESH	ritesh	1	C		10
Q1993-08	EB-20250508	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		11
Q2000-02	38073-040323	SVOCMS Group2	1000	6	RUPESH	ritesh	1			12
Q2005-01	252806	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		13
Q2008-01	IDW-AQ-DRUM-633-0509 2025	SVOC-TCL BNA -20	940	2	RUPESH	ritesh	1	F		14



RS
5/12

* **Extracts relinguished on the same date as received.**

167951
8:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1985 **WorkList ID :** 189440 **Department :** Extraction **Date :** 05-12-2025 08:33:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1985-01	RW8-BW-20250507	Water	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	L41	05/07/2025	8270E
Q1993-01	MW-3-20250508	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q1993-02	Q1993-01MS	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q1993-03	Q1993-01MSD	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q1993-04	MW-3-20250508-A	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q1993-05	MW-2-20250508	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q1993-06	MW-1-20250508	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q1993-07	MW-4-20250508	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q1993-08	EB-20250508	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	05/08/2025	8270E
Q2000-02	38073-040323	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	05/08/2025	8270E
Q2005-01	252806	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/09/2025	8270E

Date/Time 5/12/25 8:35
Raw Sample Received by: RJ (Ext Labs)
Raw Sample Relinquished by: [signature]

Date/Time 5/12/25 9:20
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (Ext Labs)

167951

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2008 **WorkList ID :** 189453 **Department :** Extraction **Date :** 05-12-2025 11:01:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2008-01	IDW-AQ-DRUM-633-05092025	Water	SVOC-TCL BNA -20	Cool 4 deg C	JACO05	L41	05/09/2025	8270E

Date/Time 5/12/25 11:01

Raw Sample Received by: RS (Ext-lab)

Raw Sample Relinquished by:

Date/Time 5/12/25 11:25

Raw Sample Received by:

Raw Sample Relinquished by: RS (Ext-lab)



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q1993
QUOTE NO.
COC Number 2047019

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed East River MASF
PROJECT NO.: 454453 LOCATION: Manhattan
PROJECT MANAGER: Stephen Liberatore
e-mail: stephen.liberatore@parsons.com
PHONE: 315-418-8767 FAX:

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: S. Liberatore PHONE: 315-418-8767

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B ❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1	2	3	4	5	6	7	8	9
VOC+TIC	MTBE	SVOC+TIC						

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								A	A	E							← Specify Preservatives
1.	MW-3-20250508	GW		X	5-8-25	1247	3	X	X	X							
2.	MW-3-20250508-MS	GW		X	5-8-25	1247	3	X	X	X							
3.	MW-3-20250508-MSD	GW		X	5-8-25	1247	3	X	X	X							
4.	MW-3-20250508-A	GW		X	5-8-25	1247	3	X	X	X							
5.	MW-2-20250508	GW		X	5-8-25	1418	3	X	X	X							
6.	MW-1-20250508	GW		X	5-8-25	1537	3	X	X	X							
7.	MW-4-20250508	GW		X	5-8-25	1646	3	X	X	X							
8.	EB-20250508	W		X	5-8-25	2000	3	X	X	X							
9.	TB	W		X			2	X	X								
10.																	

A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Bill Chaby	5-8-25 / 2045	1. 5-9-25 0700
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.2°C
Comments: Adjust FACTOR +1 IVL GW +1

Page 1 of 1

CLIENT: X Hand Delivered ❑ Other

Shipment Complete X YES ❑ NO

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284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1993 PARS02
Client Name : PARSONS Engineering of N
Client Contact : Stephen Liberatore
Invoice Name : PARSONS Engineering of N
Invoice Contact : Stephen Liberatore

Order Date : 5/9/2025 10:29:22 AM
Project Name : Con Ed Non-MGP - East Ri
Receive DateTime : 5/9/2025 7:00:00 AM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1993-01	MW-3-20250508	Water	05/08/2025	12:47					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1993-02	Q1993-01MS	Water	05/08/2025	12:47					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1993-03	Q1993-01MSD	Water	05/08/2025	12:47					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1993-04	MW-3-20250508-A	Water	05/08/2025	12:47					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1993-05	MW-2-20250508	Water	05/08/2025	14:18					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1993-06	MW-1-20250508	Water	05/08/2025	15:37					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1993-07	MW-4-20250508	Water	05/08/2025	16:46					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1993-08	EB-20250508	Water	05/08/2025	20:00					

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

LOGIN REPORT/SAMPLE TRANSFER

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Project Mgr :
Report Type : Results Only
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOCMS Group1		8260-Low	10 Bus. Days		
Q1993-09	TB	Water	05/08/2025	00:00						
					VOCMS Group1		8260-Low	10 Bus. Days		

Stored in VOA ref # 04

Relinquished By : [signature]
Date / Time : 5/9/25 1050

Received By : [signature]
Date / Time : 5/9/25 10:30

Storage Area : **VOA Refridgerator Room**