

DATA REPORTING QUALIFIERS- ORGANIC

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

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

LAB CHRONICLE

OrderID:	Q1833	OrderDate:	4/17/2025 2:07:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1833-02	EFF-WASTE-WATER	Water			04/17/25			04/17/25
			SVOCMS Group1	625.1		04/21/25	04/22/25	
Q1833-02DL	EFF-WASTE-WATERDL	Water			04/17/25			04/17/25
			SVOCMS Group1	625.1		04/21/25	04/22/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q1833
Client: Ardmore Chemical

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	EFF-WASTE-WATER							
Q1833-02	EFF-WASTE-WATER	WATER	Diethylphthalate	2.100	J	0.7	5.1	ug/L
Q1833-02	EFF-WASTE-WATER	WATER	Benzidine	640.000	E	4.3	10.1	ug/L
Q1833-02	EFF-WASTE-WATER	WATER	Bis(2-ethylhexyl)phthalate	6.600		1.6	5.1	ug/L
Total Svoc :				648.70				
Total Concentration:				648.70				
Client ID :	EFF-WASTE-WATER	DL						
Q1833-02DL	EFF-WASTE-WATER	DL WATER	Benzidine	580.000	D	43.2	100	ug/L
Total Svoc :				580.00				
Total Concentration:				580.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q1833

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167672BL	PB167672BL	2-Fluorophenol	100	84.8	85		60	140
		Phenol-d6	100	83.6	84		60	140
		Nitrobenzene-d5	100	88.5	89		60	140
		2-Fluorobiphenyl	100	85.1	85		60	140
		2,4,6-Tribromophenol	100	79.8	80		60	140
		Terphenyl-d14	100	90.3	90		60	140
PB167672BS	PB167672BS	2-Fluorophenol	100	85.8	86		60	140
		Phenol-d6	100	84.3	84		60	140
		Nitrobenzene-d5	100	86.9	87		60	140
		2-Fluorobiphenyl	100	84.6	85		60	140
		2,4,6-Tribromophenol	100	85.1	85		60	140
		Terphenyl-d14	100	90.6	91		60	140
PB167672BSD	PB167672BSD	2-Fluorophenol	100	90.5	90		60	140
		Phenol-d6	100	89.9	90		60	140
		Nitrobenzene-d5	100	93.5	93		60	140
		2-Fluorobiphenyl	100	88.2	88		60	140
		2,4,6-Tribromophenol	100	90.8	91		60	140
		Terphenyl-d14	100	96.8	97		60	140
Q1833-02	EFF-WASTE-WATER	2-Fluorophenol	100	61.9	62		60	140
		Phenol-d6	100	44.2	44	*	60	140
		Nitrobenzene-d5	100	106	106		60	140
		2-Fluorobiphenyl	100	97.8	98		60	140
		2,4,6-Tribromophenol	100	105	105		60	140
		Terphenyl-d14	100	74.6	75		60	140
Q1833-02DL	EFF-WASTE-WATERDL	2-Fluorophenol	100	71.2	71		60	140
		Phenol-d6	100	54.6	55	*	60	140
		Nitrobenzene-d5	100	115	115		60	140
		2-Fluorobiphenyl	100	142	142	*	60	140
		2,4,6-Tribromophenol	100	85.6	86		60	140
		Terphenyl-d14	100	88.9	89		60	140

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1833

Client: Ardmore Chemical

Analytical Method: 625.1

DataFile: BF142211.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167672BS	n-Nitrosodimethylamine	50	44.2	ug/L	88				52	110	
	Phenol	50	45.9	ug/L	92				48	130	
	bis(2-Chloroethyl)ether	50	43.7	ug/L	87				52	130	
	2-Chlorophenol	50	46.4	ug/L	93				55	130	
	2,2-oxybis(1-Chloropropane)	50	45.4	ug/L	91				63	139	
	N-Nitroso-di-n-propylamine	50	45.5	ug/L	91				59	170	
	Hexachloroethane	50	46.7	ug/L	93				55	130	
	Nitrobenzene	50	44.4	ug/L	89				54	158	
	Isophorone	50	47.1	ug/L	94				52	180	
	2-Nitrophenol	50	48.0	ug/L	96				61	163	
	2,4-Dimethylphenol	50	60.7	ug/L	121				58	130	
	bis(2-Chloroethoxy)methane	50	44.7	ug/L	89				52	164	
	2,4-Dichlorophenol	50	43.3	ug/L	87				64	130	
	1,2,4-Trichlorobenzene	50	42.8	ug/L	86				44	142	
	Naphthalene	50	42.8	ug/L	86				70	130	
	Hexachlorobutadiene	50	42.9	ug/L	86				68	130	
	4-Chloro-3-methylphenol	50	44.4	ug/L	89				68	130	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		21	137	
	2,4,6-Trichlorophenol	50	46.2	ug/L	92				69	130	
	2-Chloronaphthalene	50	44.3	ug/L	89				70	130	
	Dimethylphthalate	50	44.8	ug/L	90				50	130	
	Acenaphthylene	50	47.1	ug/L	94				60	130	
	2,6-Dinitrotoluene	50	45.2	ug/L	90				68	137	
	Acenaphthene	50	49.0	ug/L	98				70	130	
	2,4-Dinitrophenol	100	110	ug/L	110				39	173	
	4-Nitrophenol	100	91.9	ug/L	92				35	130	
	2,4-Dinitrotoluene	50	48.6	ug/L	97				53	130	
	Diethylphthalate	50	45.5	ug/L	91				47	130	
	4-Chlorophenyl-phenylether	50	43.6	ug/L	87				57	145	
	Fluorene	50	44.5	ug/L	89				70	130	
	4,6-Dinitro-2-methylphenol	50	52.0	ug/L	104				56	130	
	N-Nitrosodiphenylamine	50	45.3	ug/L	91				63	100	
	Azobenzene	50	44.5	ug/L	89				58	105	
	4-Bromophenyl-phenylether	50	43.5	ug/L	87				70	130	
	Hexachlorobenzene	50	43.3	ug/L	87				38	142	
	Pentachlorophenol	100	88.8	ug/L	89				42	152	
	Phenanthrene	50	45.4	ug/L	91				67	130	
	Anthracene	50	46.4	ug/L	93				58	130	
	Di-n-butylphthalate	50	47.1	ug/L	94				52	130	
	Fluoranthene	50	42.3	ug/L	85				47	130	
	Benzidine	100	55.6	ug/L	56				10	133	
	Pyrene	50	46.6	ug/L	93				70	130	
	Butylbenzylphthalate	50	55.6	ug/L	111				43	140	
	3,3-Dichlorobenzidine	50	18.1	ug/L	36				18	213	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1833

Client: Ardmore Chemical

Analytical Method: 625.1 DataFile: BF142211.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167672BS	Benzo(a)anthracene	50	47.7	ug/L	95				42	133	
	Chrysene	50	41.8	ug/L	84				44	140	
	bis(2-Ethylhexyl)phthalate	50	54.1	ug/L	108				43	137	
	Di-n-octyl phthalate	50	56.1	ug/L	112				21	132	
	Benzo(b)fluoranthene	50	46.0	ug/L	92				42	140	
	Benzo(k)fluoranthene	50	40.8	ug/L	82				25	146	
	Benzo(a)pyrene	50	48.3	ug/L	97				32	148	
	Indeno(1,2,3-cd)pyrene	50	47.1	ug/L	94				13	151	
	Dibenz(a,h)anthracene	50	47.0	ug/L	94				13	200	
	Benzo(g,h,i)perylene	50	44.3	ug/L	89				13	195	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1833

Client: Ardmore Chemical

Analytical Method: 625.1

DataFile: BF142212.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB167672BSD	n-Nitrosodimethylamine	50	48.6	ug/L	97	9			52	110	20
	Phenol	50	48.6	ug/L	97	6			48	130	20
	bis(2-Chloroethyl)ether	50	46.1	ug/L	92	5			52	130	20
	2-Chlorophenol	50	48.8	ug/L	98	5			55	130	20
	2,2-oxybis(1-Chloropropane)	50	47.8	ug/L	96	5			63	139	20
	N-Nitroso-di-n-propylamine	50	48.4	ug/L	97	6			59	170	20
	Hexachloroethane	50	50.2	ug/L	100	7			55	130	20
	Nitrobenzene	50	47.4	ug/L	95	7			54	158	20
	Isophorone	50	50.2	ug/L	100	6			52	180	20
	2-Nitrophenol	50	51.0	ug/L	102	6			61	163	20
	2,4-Dimethylphenol	50	65.0	ug/L	130	7			58	130	20
	bis(2-Chloroethoxy)methane	50	47.5	ug/L	95	6			52	164	20
	2,4-Dichlorophenol	50	46.5	ug/L	93	7			64	130	20
	1,2,4-Trichlorobenzene	50	45.5	ug/L	91	6			44	142	20
	Naphthalene	50	45.4	ug/L	91	6			70	130	20
	Hexachlorobutadiene	50	46.1	ug/L	92	7			68	130	20
	4-Chloro-3-methylphenol	50	47.0	ug/L	94	6			68	130	20
	Hexachlorocyclopentadiene	100	200	ug/L	200	5	*		21	137	20
	2,4,6-Trichlorophenol	50	48.6	ug/L	97	5			69	130	20
	2-Chloronaphthalene	50	46.8	ug/L	94	5			70	130	20
	Dimethylphthalate	50	47.5	ug/L	95	6			50	130	20
	Acenaphthylene	50	49.5	ug/L	99	5			60	130	20
	2,6-Dinitrotoluene	50	47.2	ug/L	94	4			68	137	20
	Acenaphthene	50	51.5	ug/L	103	5			70	130	20
	2,4-Dinitrophenol	100	120	ug/L	120	9			39	173	20
	4-Nitrophenol	100	95.8	ug/L	96	4			35	130	20
	2,4-Dinitrotoluene	50	50.7	ug/L	101	4			53	130	20
	Diethylphthalate	50	47.5	ug/L	95	4			47	130	20
	4-Chlorophenyl-phenylether	50	45.9	ug/L	92	5			57	145	20
	Fluorene	50	46.4	ug/L	93	4			70	130	20
	4,6-Dinitro-2-methylphenol	50	55.7	ug/L	111	7			56	130	20
	N-Nitrosodiphenylamine	50	48.8	ug/L	98	7			63	100	20
	Azobenzene	50	46.4	ug/L	93	4			58	105	20
	4-Bromophenyl-phenylether	50	47.4	ug/L	95	9			70	130	20
	Hexachlorobenzene	50	46.6	ug/L	93	7			38	142	20
	Pentachlorophenol	100	96.4	ug/L	96	8			42	152	20
	Phenanthrene	50	48.4	ug/L	97	6			67	130	20
	Anthracene	50	49.8	ug/L	100	7			58	130	20
	Di-n-butylphthalate	50	49.8	ug/L	100	6			52	130	20
	Fluoranthene	50	44.5	ug/L	89	5			47	130	20
	Benzidine	100	50.7	ug/L	51	9			10	133	20
	Pyrene	50	50.0	ug/L	100	7			70	130	20
	Butylbenzylphthalate	50	59.0	ug/L	118	6			43	140	20
	3,3-Dichlorobenzidine	50	19.2	ug/L	38	6			18	213	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1833

Client: Ardmore Chemical

Analytical Method: 625.1 DataFile: BF142212.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB167672BSD	Benzo(a)anthracene	50	48.8	ug/L	98	2			42	133	20
	Chrysene	50	48.3	ug/L	97	14			44	140	20
	bis(2-Ethylhexyl)phthalate	50	59.0	ug/L	118	9			43	137	20
	Di-n-octyl phthalate	50	62.5	ug/L	125	11			21	132	20
	Benzo(b)fluoranthene	50	49.5	ug/L	99	7			42	140	20
	Benzo(k)fluoranthene	50	43.4	ug/L	87	6			25	146	20
	Benzo(a)pyrene	50	51.6	ug/L	103	7			32	148	20
	Indeno(1,2,3-cd)pyrene	50	49.6	ug/L	99	5			13	151	20
	Dibenz(a,h)anthracene	50	49.8	ug/L	100	6			13	200	20
	Benzo(g,h,i)perylene	50	47.2	ug/L	94	6			13	195	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167672BL

Lab Name: CHEMTECH

Contract: ARDM01

Lab Code: CHEM Case No.: Q1833

SAS No.: Q1833 SDG NO.: Q1833

Lab File ID: BF142213.D

Lab Sample ID: PB167672BL

Instrument ID: BNA_F

Date Extracted: 04/21/2025

Matrix: (soil/water) Water

Date Analyzed: 04/22/2025

Level: (low/med) LOW

Time Analyzed: 15:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167672BS	PB167672BS	BF142211.D	04/22/2025
PB167672BSD	PB167672BSD	BF142212.D	04/22/2025
EFF-WASTE-WATER	Q1833-02	BF142214.D	04/22/2025

COMMENTS: _____



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ARDM01Lab Code: CHEMSAS No.: Q1833 SDG NO.: Q1833Lab File ID: BF142198.DDFTPP Injection Date: 04/21/2025Instrument ID: BNA_FDFTPP Injection Time: 10:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	16
68	Less than 2.0% of mass 69	0.3 (1.8) 1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	40.0 - 60.0% of mass 198	28.3
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.7
275	10.0 - 30.0% of mass 198	21.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.9
442	Greater than 40% of mass 198	100
443	17.0 - 23.0% of mass 442	19.9 (19.9) 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	BF142199.D	04/21/2025	11:13
SSTDICC005	SSTDICC005	BF142200.D	04/21/2025	11:41
SSTDICC010	SSTDICC010	BF142201.D	04/21/2025	12:09
SSTDICC020	SSTDICC020	BF142202.D	04/21/2025	12:37
SSTDICCC040	SSTDICCC040	BF142203.D	04/21/2025	13:06
SSTDICC050	SSTDICC050	BF142204.D	04/21/2025	13:33
SSTDICC060	SSTDICC060	BF142205.D	04/21/2025	14:02
SSTDICC080	SSTDICC080	BF142206.D	04/21/2025	14:30



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ARDM01Lab Code: CHEMSAS No.: Q1833 SDG NO.: Q1833Lab File ID: BF142209.DDFTPP Injection Date: 04/22/2025Instrument ID: BNA_FDFTPP Injection Time: 08:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	21.7
68	Less than 2.0% of mass 69	0.4 (1.8) 1
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	40.0 - 60.0% of mass 198	35.2
197	Less than 1.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
275	10.0 - 30.0% of mass 198	24.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 40% of mass 198	100
443	17.0 - 23.0% 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	BF142210.D	04/22/2025	14:11
PB167672BS	PB167672BS	BF142211.D	04/22/2025	14:44
PB167672BSD	PB167672BSD	BF142212.D	04/22/2025	15:13
PB167672BL	PB167672BL	BF142213.D	04/22/2025	15:41
EFF-WASTE-WATER	Q1833-02	BF142214.D	04/22/2025	16:21
EFF-WASTE-WATERDL	Q1833-02DL	BF142215.D	04/22/2025	16:50

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1833 SAS No.: Q1833 SDG NO.: Q1833

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/22/2025

Lab File ID: BF142210.D Time Analyzed: 14:11

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	390162	6.869	1490550	8.15	837728	9.90
UPPER LIMIT	780324	7.369	2981100	8.651	1675460	10.404
LOWER LIMIT	195081	6.369	745275	7.651	418864	9.404
EPA SAMPLE NO.						
01 PB167672BS	454794	6.87	1778060	8.15	986845	9.90
02 PB167672BSD	442323	6.87	1715610	8.15	967073	9.90
03 PB167672BL	444730	6.86	1745370	8.15	989954	9.90
04 EFF-WASTE-WATER	345068	6.86	1084330	8.15	603030	9.90
05 EFF-WASTE-WATERDL	331819	6.86	1202460	8.15	548862	9.90

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1833 SAS No.: Q1833 SDG NO.: Q1833

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/22/2025

Lab File ID: BF142210.D Time Analyzed: 14:11

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	1387410	11.392	777716	14.033	953582	15.504
UPPER LIMIT	2774820	11.892	1555430	14.533	1907160	16.004
LOWER LIMIT	693705	10.892	388858	13.533	476791	15.004
EPA SAMPLE NO.						
01 PB167672BS	1683110	11.39	969588	14.03	1146360	15.51
02 PB167672BSD	1611140	11.39	909574	14.03	1121410	15.51
03 PB167672BL	1763950	11.39	1082290	14.03	982634	15.50
04 EFF-WASTE-WATER	1064760	11.40	1125180	14.03	823852	15.50
05 EFF-WASTE-WATERDL	773988	11.39	952200	14.03	1069330	15.50

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATER	SDG No.:	Q1833
Lab Sample ID:	Q1833-02	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142214.D	1	04/21/25 08:55	04/22/25 16:21	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.87	U	0.87	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
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	5.10	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
120-82-1	1,2,4-Trichlorobenzene	0.55	U	0.55	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.60	U	0.60	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	UQ	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.52	U	0.52	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
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
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
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	2.10	J	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATER	SDG No.:	Q1833
Lab Sample ID:	Q1833-02	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142214.D	1	04/21/25 08:55	04/22/25 16:21	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.64	U	0.64	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
103-33-3	Azobenzene	0.82	U	0.82	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
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
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
92-87-5	Benzidine	640	E	4.30	10.1	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	6.60		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
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

SURROGATES

367-12-4	2-Fluorophenol	61.9		60 - 140	62%	SPK: 100
13127-88-3	Phenol-d6	44.2	*	60 - 140	44%	SPK: 100
4165-60-0	Nitrobenzene-d5	106		60 - 140	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		60 - 140	98%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATER	SDG No.:	Q1833
Lab Sample ID:	Q1833-02	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142214.D	1	04/21/25 08:55	04/22/25 16:21	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105		60 - 140	105%	SPK: 100
1718-51-0	Terphenyl-d14	74.6		60 - 140	75%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	345000	6.863
1146-65-2	Naphthalene-d8	1080000	8.145
15067-26-2	Acenaphthene-d10	603000	9.904
1517-22-2	Phenanthrene-d10	1060000	11.404
1719-03-5	Chrysene-d12	1130000	14.033
1520-96-3	Perylene-d12	824000	15.504

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\BF042225\
 Data File : BF142214.D
 Acq On : 22 Apr 2025 16:21
 Operator : RC/JU
 Sample : Q1833-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Apr 22 16:58:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

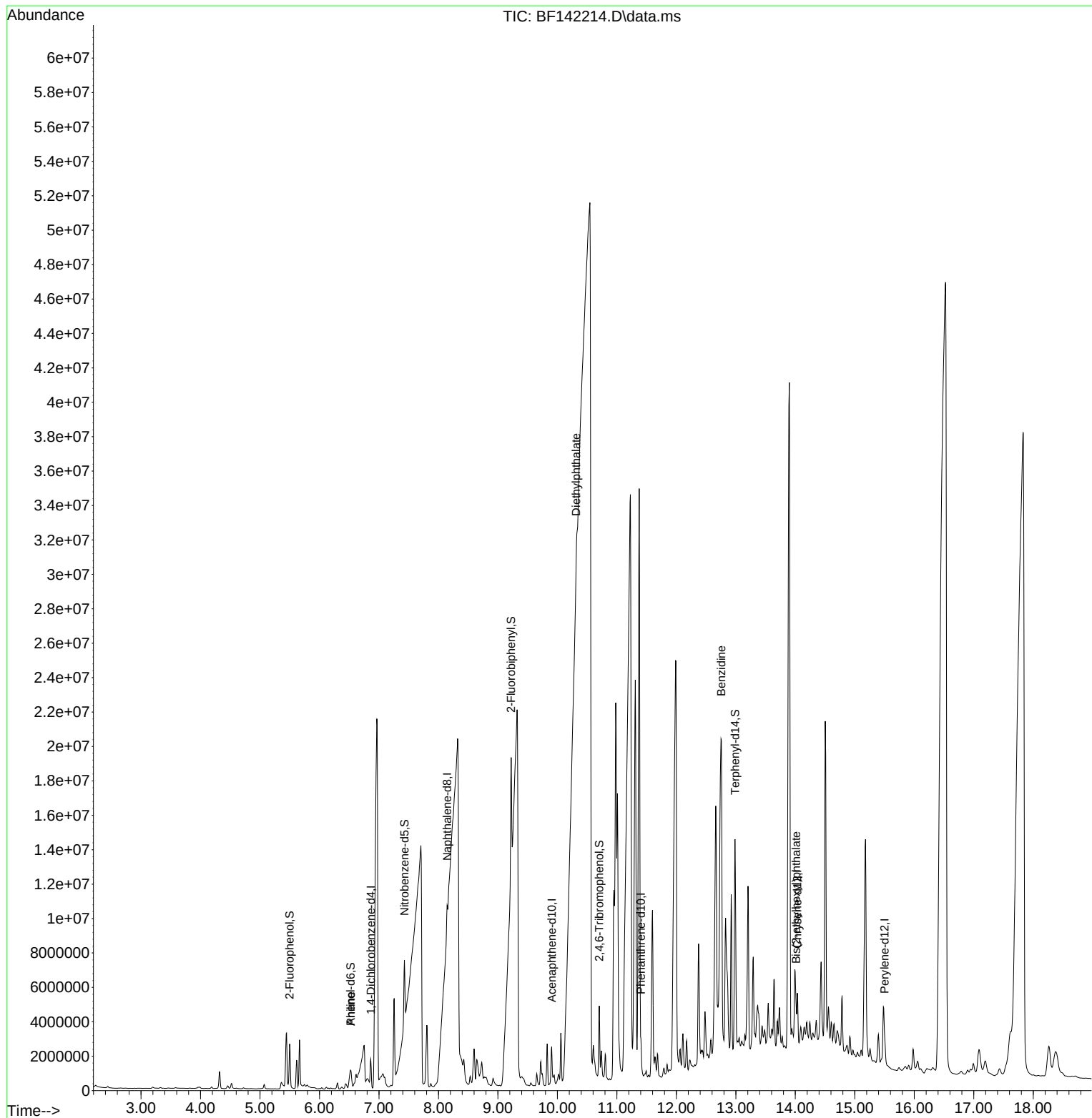
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	345068	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1084325	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	603030	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1064759	20.000	ng	0.02
76) Chrysene-d12	14.033	240	1125179	20.000	ng	0.00
86) Perylene-d12	15.504	264	823852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1138361	61.850	ng	0.02
7) Phenol-d6	6.522	99	1017953	44.163	ng	0.03
23) Nitrobenzene-d5	7.428	82	1833703	106.205	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	865384	104.959	ng	0.01
45) 2-Fluorobiphenyl	9.222	172	3619144	97.822	ng	0.00
79) Terphenyl-d14	12.986	244	5011332	74.615	ng	0.01
Target Compounds						
						Qvalue
6) Aniline	6.528	93	102385	4.811	ng	# 51
60) Diethylphthalate	10.316	149	75792m	2.099	ng	
77) Benzidine	12.757	184	9270030	638.429	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.015	149	189431	6.546	ng	# 87

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

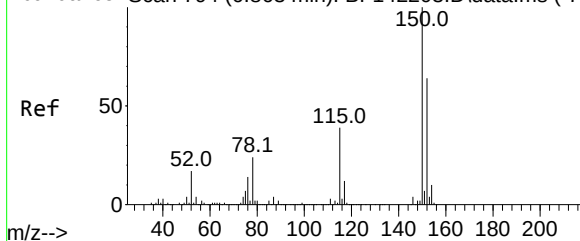
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Time: Apr 22 16:58:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



Abundance Scan 794 (6.863 min): BF142203.D\data.ms (-78



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:152 Resp: 345068

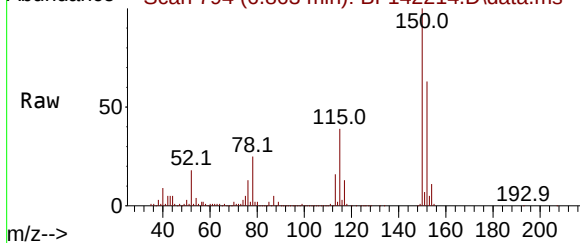
Ion Ratio Lower Upper

152 100

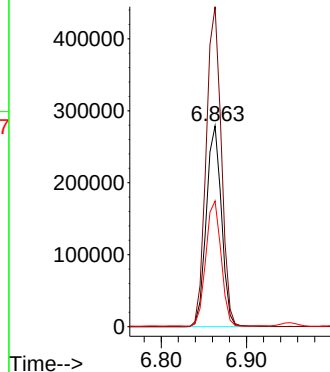
150 159.4 126.4 189.6

115 62.6 49.4 74.2

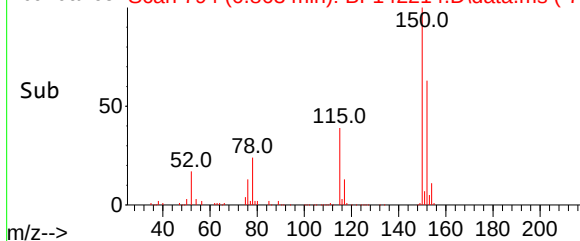
Abundance Scan 794 (6.863 min): BF142214.D\data.ms



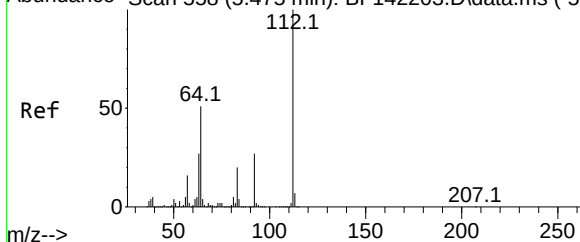
Abundance



Abundance Scan 794 (6.863 min): BF142214.D\data.ms (-77



Abundance Scan 558 (5.475 min): BF142203.D\data.ms (-55



#5

2-Fluorophenol

Concen: 61.850 ng

RT: 5.498 min Scan# 562

Delta R.T. 0.023 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Tgt Ion:112 Resp: 1138361

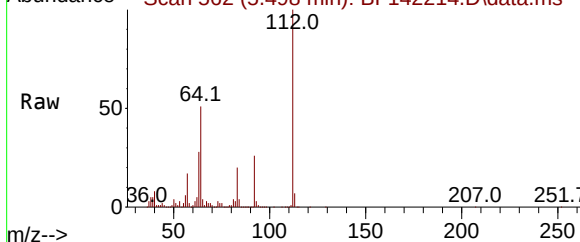
Ion Ratio Lower Upper

112 100

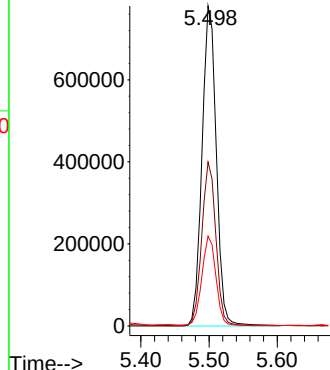
64 51.2 40.9 61.3

63 28.1 22.0 33.0

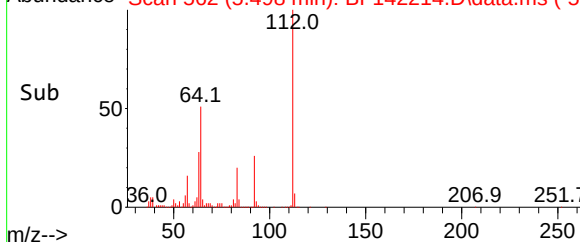
Abundance Scan 562 (5.498 min): BF142214.D\data.ms

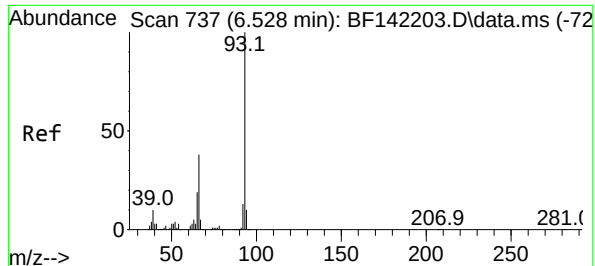


Abundance



Abundance Scan 562 (5.498 min): BF142214.D\data.ms (-50

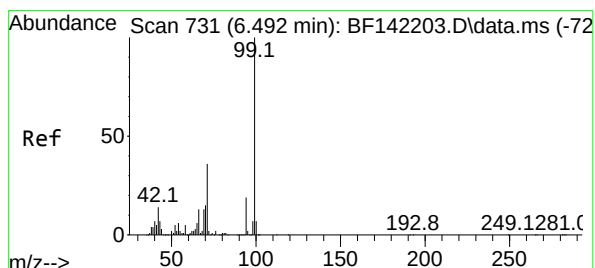
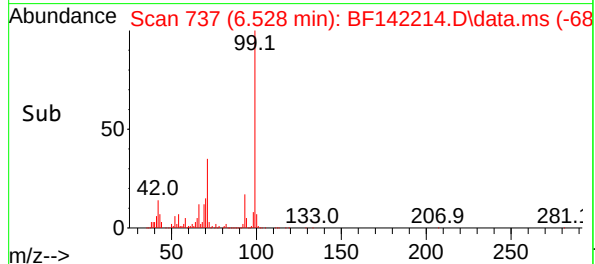
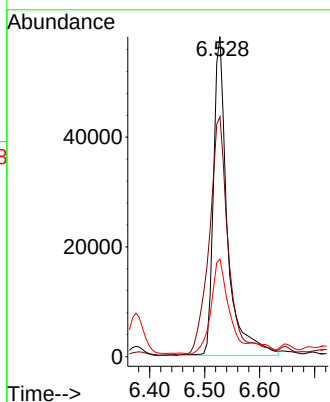
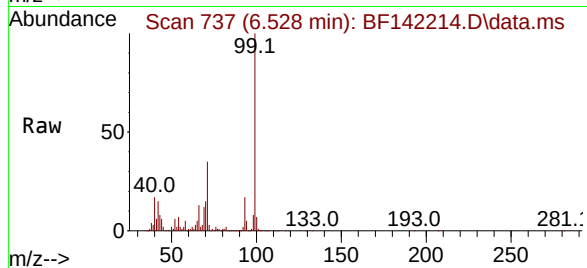




#6
 Aniline
 Concen: 4.811 ng
 RT: 6.528 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF142214.D
 Acq: 22 Apr 2025 16:21

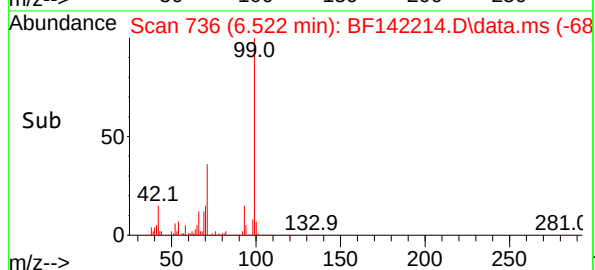
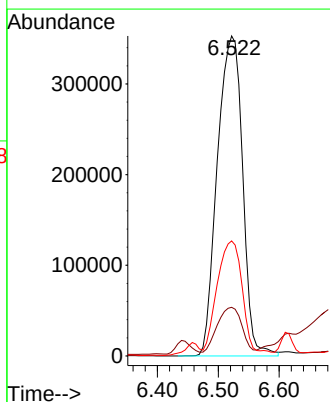
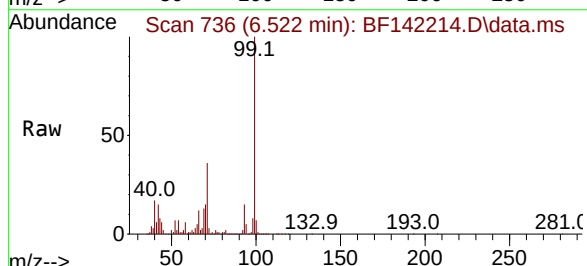
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

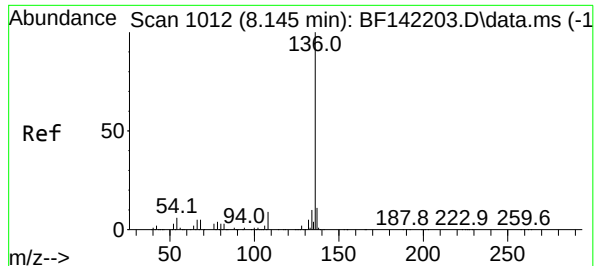
Tgt Ion: 93 Resp: 102385
 Ion Ratio Lower Upper
 93 100
 66 74.9 30.9 46.3#
 65 30.5 15.1 22.7#



#7
 Phenol-d6
 Concen: 44.163 ng
 RT: 6.522 min Scan# 736
 Delta R.T. 0.030 min
 Lab File: BF142214.D
 Acq: 22 Apr 2025 16:21

Tgt Ion: 99 Resp: 1017953
 Ion Ratio Lower Upper
 99 100
 42 15.2 11.5 17.3
 71 35.9 28.6 42.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Instrument :

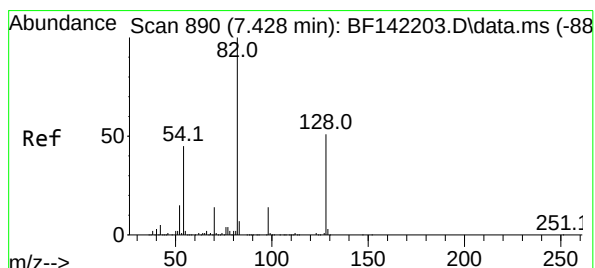
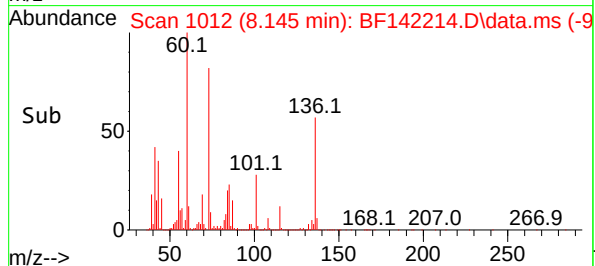
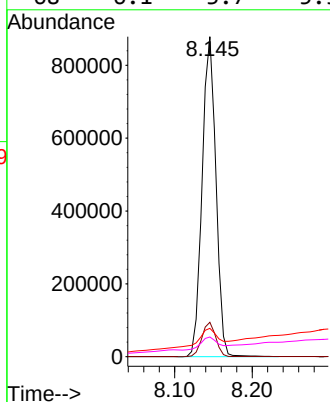
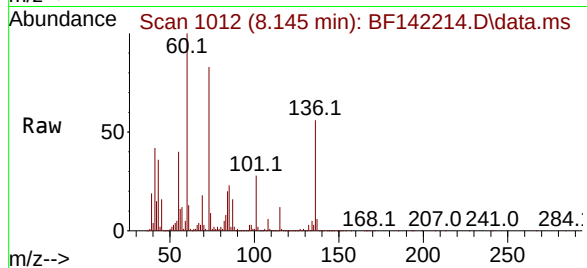
BNA_F

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:136 Resp: 1084325

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	4.7	7.1#
68	6.1	3.7	5.5#



#23

Nitrobenzene-d5

Concen: 106.205 ng

RT: 7.428 min Scan# 890

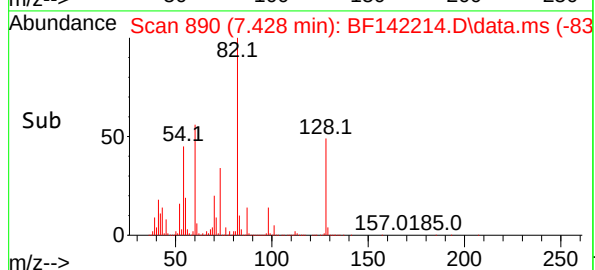
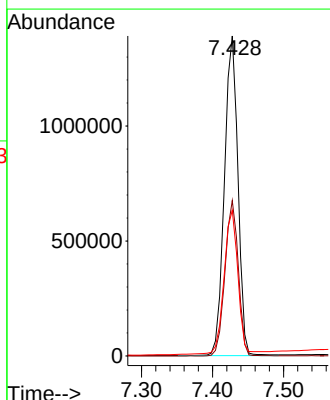
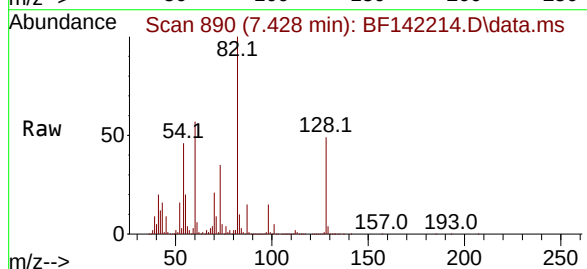
Delta R.T. -0.000 min

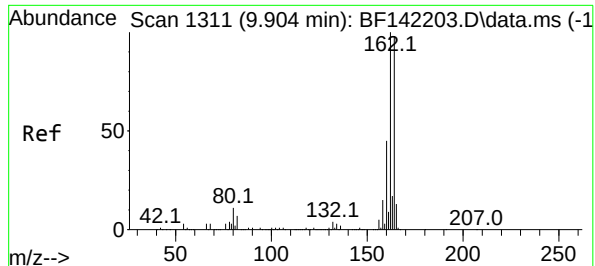
Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Tgt Ion: 82 Resp: 1833703

Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.2	60.2
54	45.5	35.5	53.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.000 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Instrument :

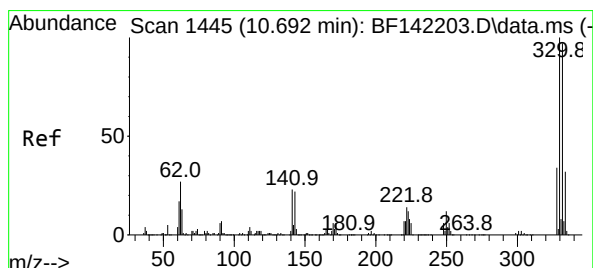
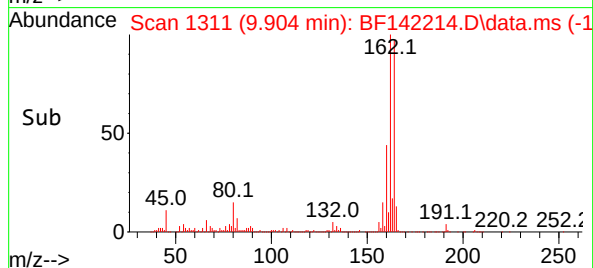
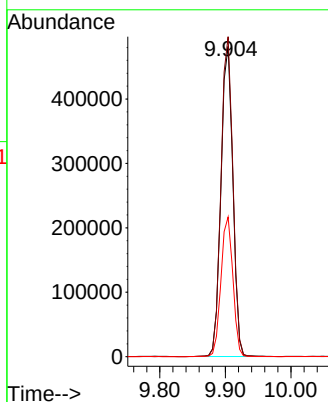
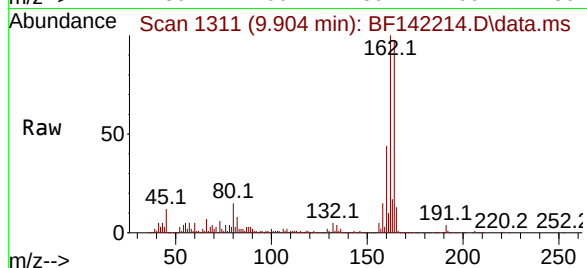
BNA_F

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:164 Resp: 603030

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	45.0	36.8	55.2



#42

2,4,6-Tribromophenol

Concen: 104.959 ng

RT: 10.704 min Scan# 1447

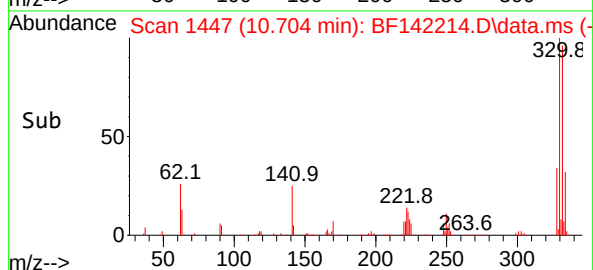
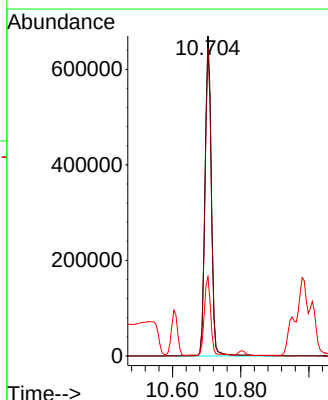
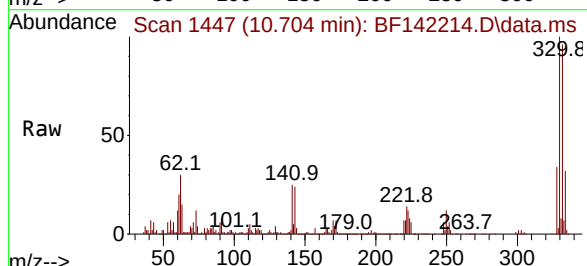
Delta R.T. 0.012 min

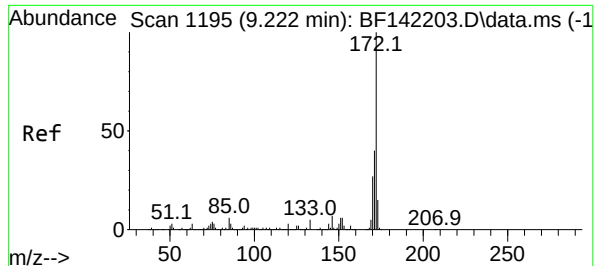
Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Tgt Ion:330 Resp: 865384

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	24.8	18.9	28.3





#45

2-Fluorobiphenyl

Concen: 97.822 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

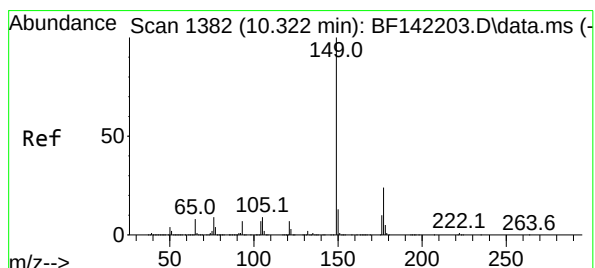
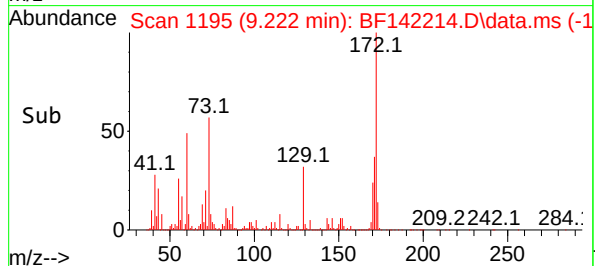
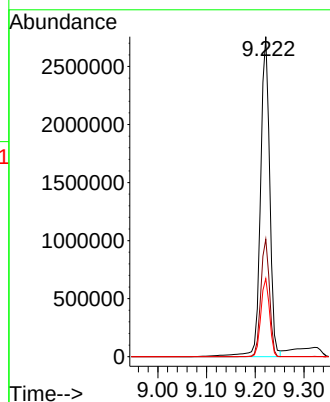
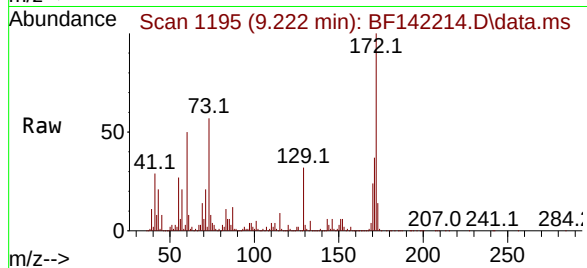
Tgt Ion:172 Resp: 3619144

Ion Ratio Lower Upper

172 100

171 36.7 32.1 48.1

170 24.4 21.4 32.0



#60

Diethylphthalate

Concen: 2.099 ng m

RT: 10.316 min Scan# 1381

Delta R.T. -0.006 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

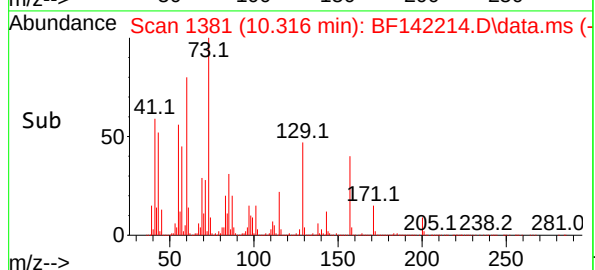
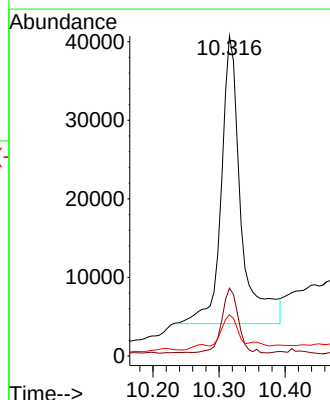
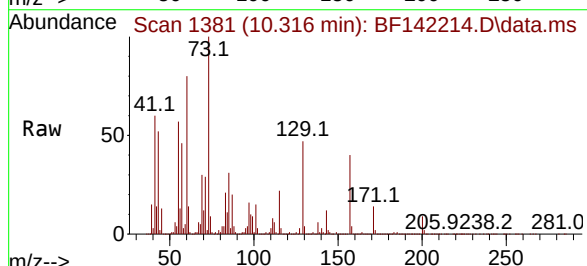
Tgt Ion:149 Resp: 75792

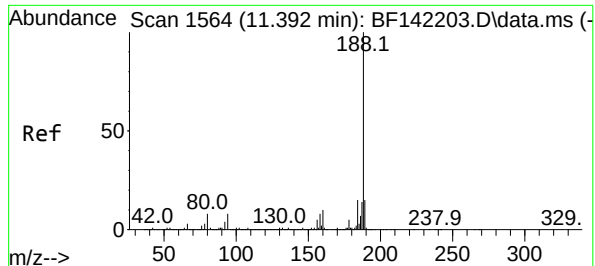
Ion Ratio Lower Upper

149 100

177 21.2 19.6 29.4

150 12.9 10.6 15.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

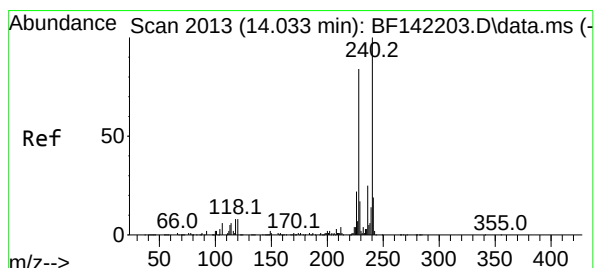
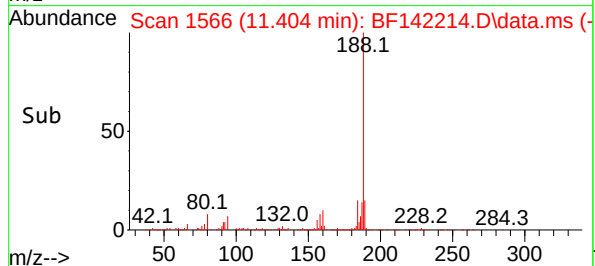
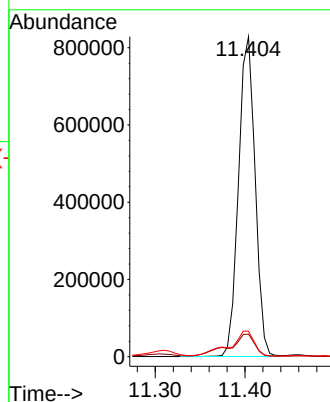
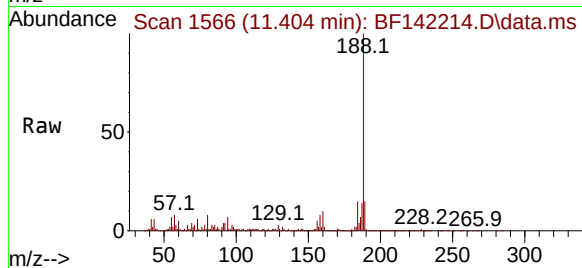
Tgt Ion:188 Resp: 1064759

Ion Ratio Lower Upper

188 100

94 7.1 6.3 9.5

80 8.0 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

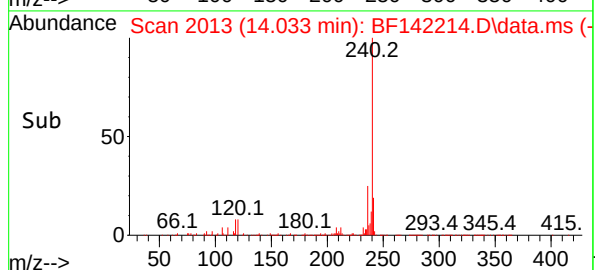
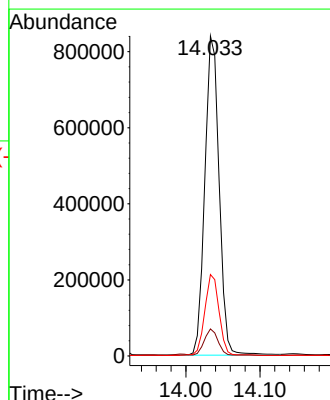
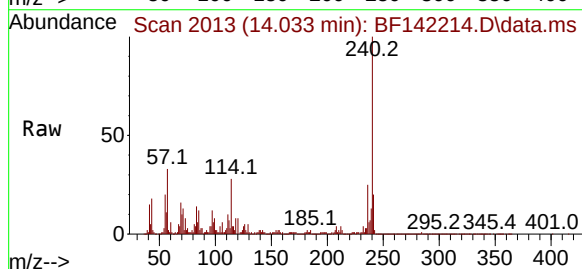
Tgt Ion:240 Resp: 1125179

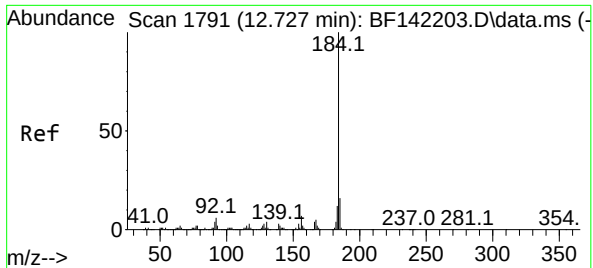
Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

236 25.5 20.2 30.2

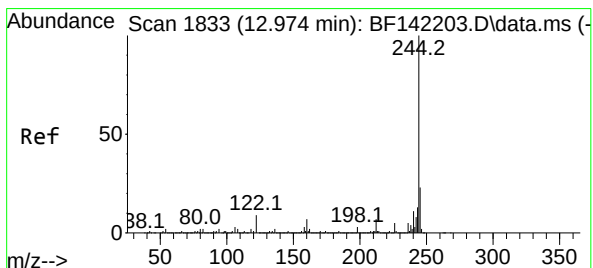
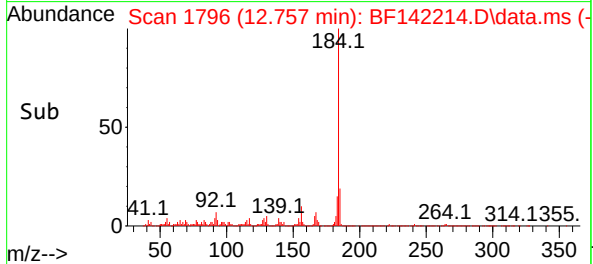
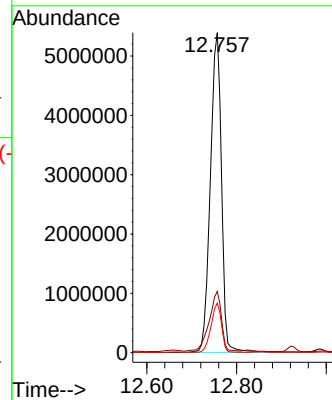
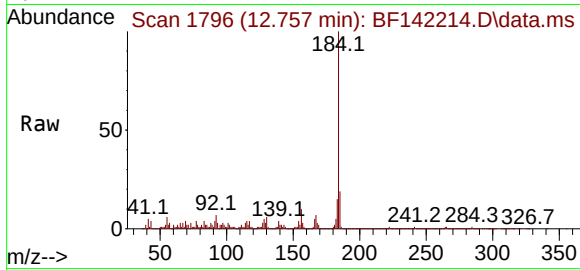




#77
Benzidine
Concen: 638.429 ng
RT: 12.757 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF142214.D
Acq: 22 Apr 2025 16:21

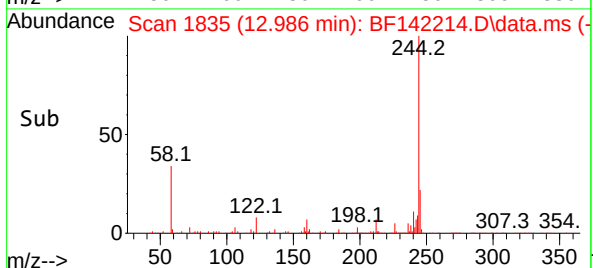
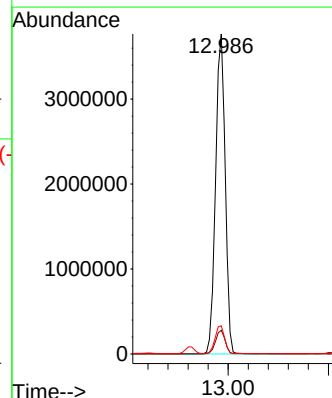
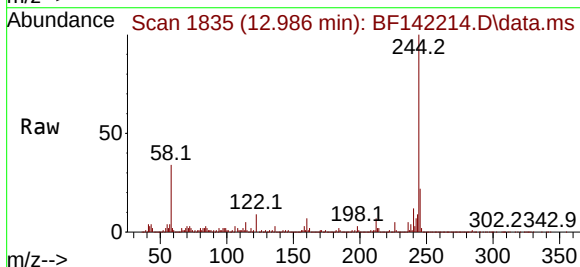
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

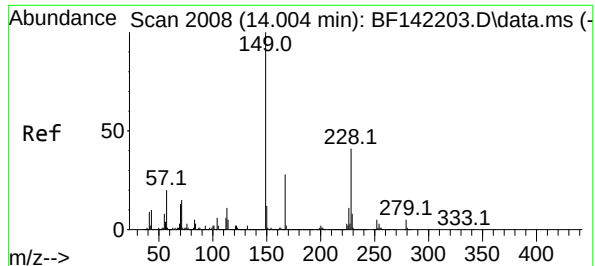
Tgt Ion:184 Resp: 9270030
Ion Ratio Lower Upper
184 100
185 19.1 13.0 19.6
183 15.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 74.615 ng
RT: 12.986 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BF142214.D
Acq: 22 Apr 2025 16:21

Tgt Ion:244 Resp: 5011332
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.8 7.3 10.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.546 ng

RT: 14.015 min Scan# 2008

Delta R.T. 0.012 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

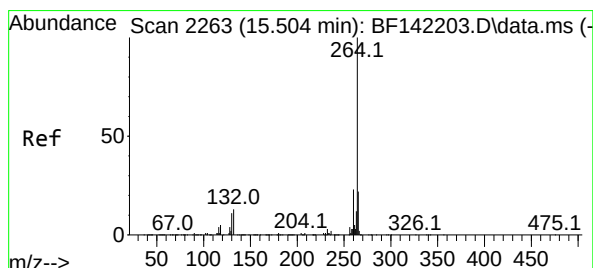
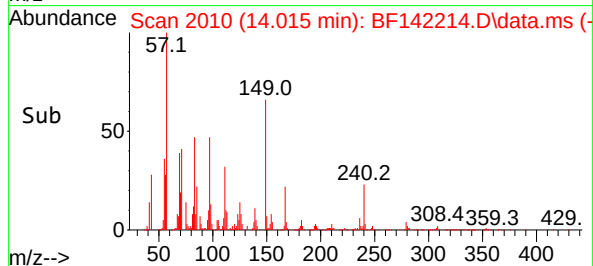
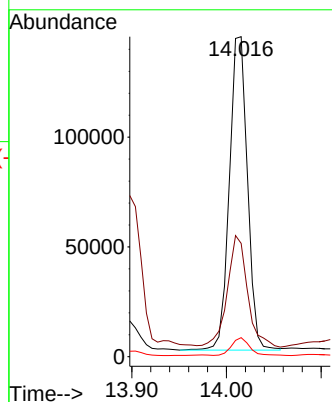
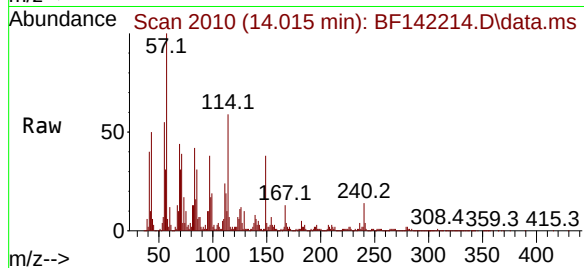
Tgt Ion:149 Resp: 189431

Ion Ratio Lower Upper

149 100

167 35.4 22.2 33.4#

279 5.9 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142214.D

Acq: 22 Apr 2025 16:21

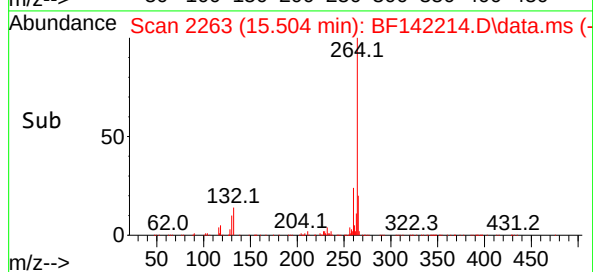
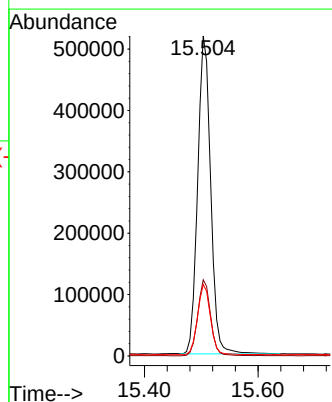
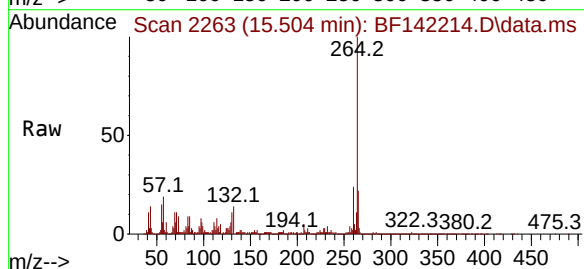
Tgt Ion:264 Resp: 823852

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.3 16.9 25.3



Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATERDL	SDG No.:	Q1833
Lab Sample ID:	Q1833-02DL	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142215.D	10	04/21/25 08:55	04/22/25 16:50	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	8.70	UD	8.70	100	ug/L
108-95-2	Phenol	9.20	UD	9.20	50.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.20	UD	8.20	50.5	ug/L
95-57-8	2-Chlorophenol	5.90	UD	5.90	50.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12.9	UD	12.9	50.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.2	UD	14.2	50.5	ug/L
67-72-1	Hexachloroethane	6.60	UD	6.60	50.5	ug/L
98-95-3	Nitrobenzene	7.70	UD	7.70	50.5	ug/L
78-59-1	Isophorone	7.60	UD	7.60	50.5	ug/L
88-75-5	2-Nitrophenol	17.8	UD	17.8	50.5	ug/L
105-67-9	2,4-Dimethylphenol	18.7	UD	18.7	50.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.90	UD	6.90	50.5	ug/L
120-83-2	2,4-Dichlorophenol	5.30	UD	5.30	50.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.50	UD	5.50	50.5	ug/L
91-20-3	Naphthalene	5.10	UD	5.10	50.5	ug/L
87-68-3	Hexachlorobutadiene	5.50	UD	5.50	50.5	ug/L
59-50-7	4-Chloro-3-methylphenol	6.00	UD	6.00	50.5	ug/L
77-47-4	Hexachlorocyclopentadiene	36.7	UDQ	36.7	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	UD	5.20	50.5	ug/L
91-58-7	2-Chloronaphthalene	6.20	UD	6.20	50.5	ug/L
131-11-3	Dimethylphthalate	6.20	UD	6.20	50.5	ug/L
208-96-8	Acenaphthylene	7.60	UD	7.60	50.5	ug/L
606-20-2	2,6-Dinitrotoluene	9.30	UD	9.30	50.5	ug/L
83-32-9	Acenaphthene	5.60	UD	5.60	50.5	ug/L
51-28-5	2,4-Dinitrophenol	60.3	UD	60.3	100	ug/L
100-02-7	4-Nitrophenol	24.0	UD	24.0	100	ug/L
121-14-2	2,4-Dinitrotoluene	12.3	UD	12.3	50.5	ug/L
84-66-2	Diethylphthalate	7.00	UD	7.00	50.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.90	UD	6.90	50.5	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATERDL	SDG No.:	Q1833
Lab Sample ID:	Q1833-02DL	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142215.D	10	04/21/25 08:55	04/22/25 16:50	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	6.40	UD	6.40	50.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29.1	UD	29.1	100	ug/L
86-30-6	n-Nitrosodiphenylamine	5.90	UD	5.90	50.5	ug/L
103-33-3	Azobenzene	8.20	UD	8.20	50.5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	UD	4.00	50.5	ug/L
118-74-1	Hexachlorobenzene	5.30	UD	5.30	50.5	ug/L
87-86-5	Pentachlorophenol	16.0	UD	16.0	100	ug/L
85-01-8	Phenanthrene	5.10	UD	5.10	50.5	ug/L
120-12-7	Anthracene	6.20	UD	6.20	50.5	ug/L
84-74-2	Di-n-butylphthalate	12.3	UD	12.3	50.5	ug/L
206-44-0	Fluoranthene	8.30	UD	8.30	50.5	ug/L
92-87-5	Benzidine	580	D	43.2	100	ug/L
129-00-0	Pyrene	5.10	UD	5.10	50.5	ug/L
85-68-7	Butylbenzylphthalate	19.5	UD	19.5	50.5	ug/L
91-94-1	3,3-Dichlorobenzidine	9.40	UD	9.40	100	ug/L
56-55-3	Benzo(a)anthracene	4.50	UD	4.50	50.5	ug/L
218-01-9	Chrysene	4.40	UD	4.40	50.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	16.2	UD	16.2	50.5	ug/L
117-84-0	Di-n-octyl phthalate	23.6	UD	23.6	100	ug/L
205-99-2	Benzo(b)fluoranthene	4.90	UD	4.90	50.5	ug/L
207-08-9	Benzo(k)fluoranthene	4.80	UD	4.80	50.5	ug/L
50-32-8	Benzo(a)pyrene	5.60	UD	5.60	50.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	6.00	UD	6.00	50.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.80	UD	6.80	50.5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.00	UD	7.00	50.5	ug/L

SURROGATES

367-12-4	2-Fluorophenol	71.2		60 - 140	71%	SPK: 100
13127-88-3	Phenol-d6	54.6	*	60 - 140	55%	SPK: 100
4165-60-0	Nitrobenzene-d5	115		60 - 140	115%	SPK: 100
321-60-8	2-Fluorobiphenyl	142	*	60 - 140	142%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATERDL	SDG No.:	Q1833
Lab Sample ID:	Q1833-02DL	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142215.D	10	04/21/25 08:55	04/22/25 16:50	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.6		60 - 140	86%	SPK: 100
1718-51-0	Terphenyl-d14	88.9		60 - 140	89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	332000	6.863
1146-65-2	Naphthalene-d8	1200000	8.145
15067-26-2	Acenaphthene-d10	549000	9.898
1517-22-2	Phenanthrene-d10	774000	11.386
1719-03-5	Chrysene-d12	952000	14.027
1520-96-3	Perylene-d12	1070000	15.498

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\BF042225\
 Data File : BF142215.D
 Acq On : 22 Apr 2025 16:50
 Operator : RC/JU
 Sample : Q1833-02DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATERDL

Quant Time: Apr 22 17:31:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

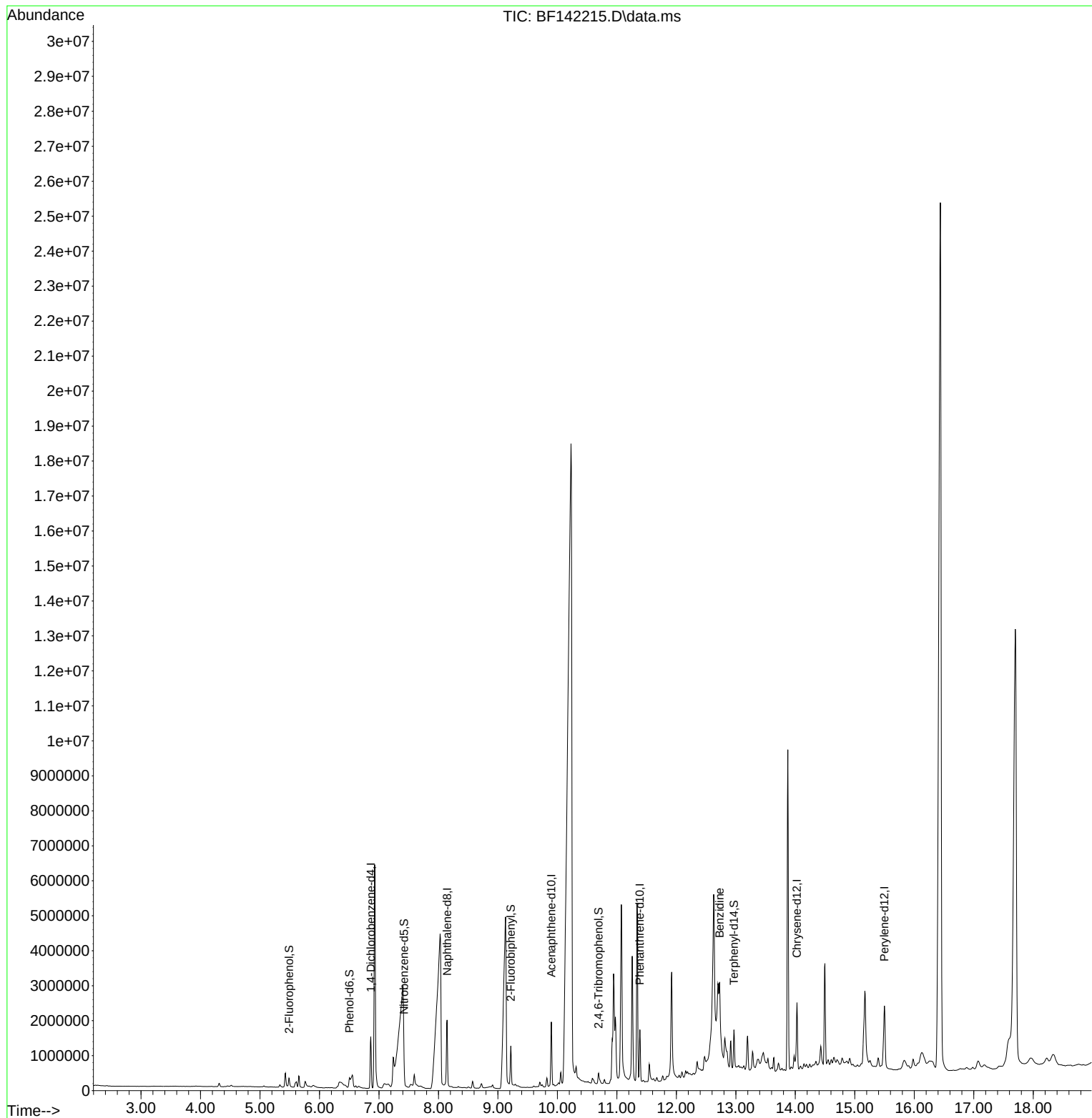
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	331819	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1202456	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	548862	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	773988	20.000	ng	0.00
76) Chrysene-d12	14.027	240	952200	20.000	ng	0.00
86) Perylene-d12	15.498	264	1069333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	126071	7.123	ng	0.01
7) Phenol-d6	6.504	99	121038	5.461	ng	0.01
23) Nitrobenzene-d5	7.422	82	220270	11.504	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	64241	8.560	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	477877	14.191	ng	0.00
79) Terphenyl-d14	12.968	244	505324	8.891	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	704309	57.318	ng	Qvalue 99

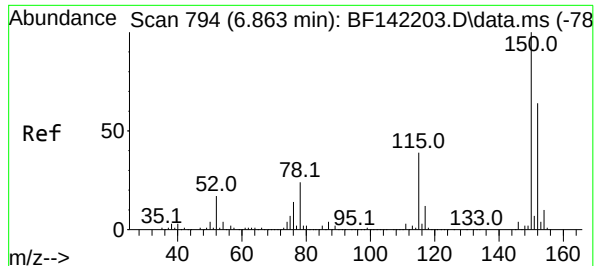
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142215.D
Acq On : 22 Apr 2025 16:50
Operator : RC/JU
Sample : Q1833-02DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATERDL

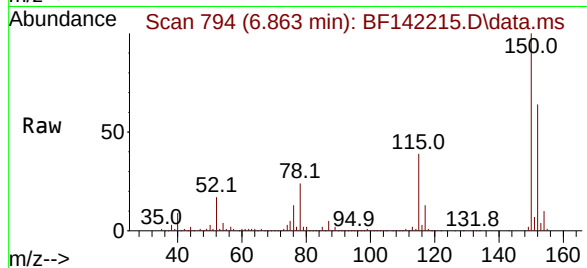
Quant Time: Apr 22 17:31:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



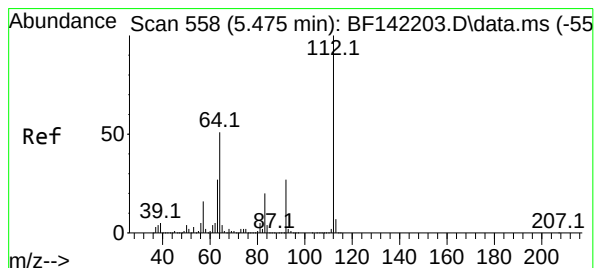
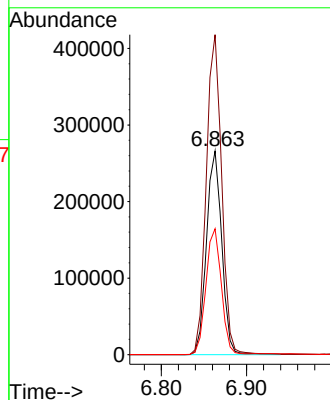
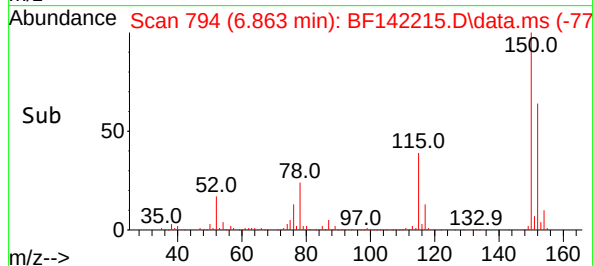


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

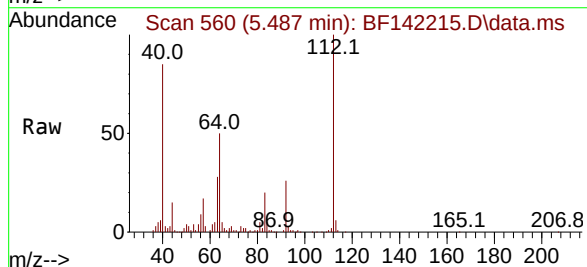
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATERDL



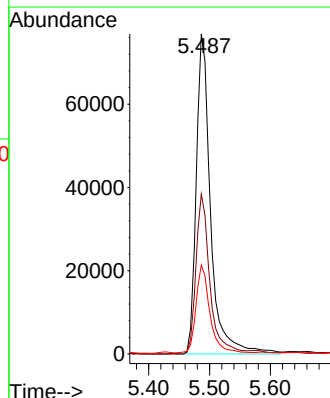
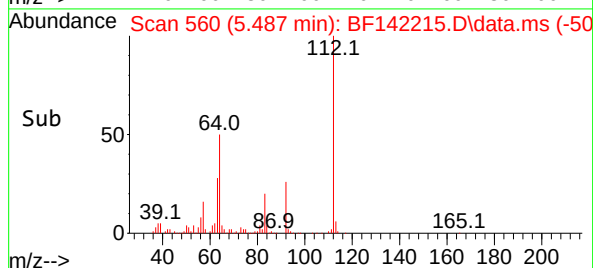
Tgt Ion:152 Resp: 331819
Ion Ratio Lower Upper
152 100
150 157.1 126.4 189.6
115 61.8 49.4 74.2

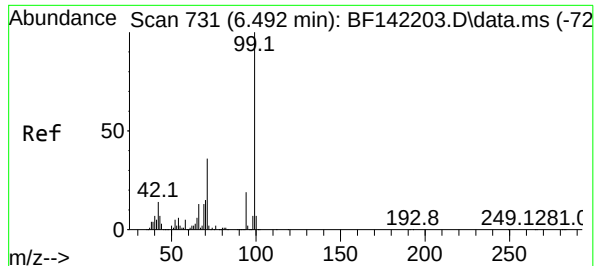


#5
2-Fluorophenol
Concen: 7.123 ng
RT: 5.487 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50



Tgt Ion:112 Resp: 126071
Ion Ratio Lower Upper
112 100
64 50.0 40.9 61.3
63 27.8 22.0 33.0

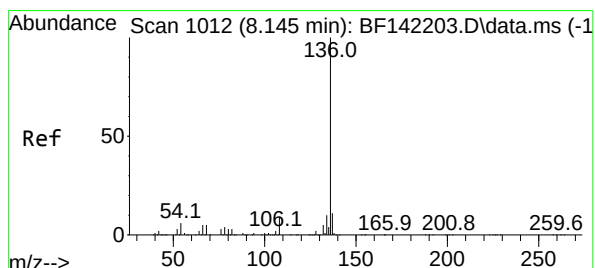
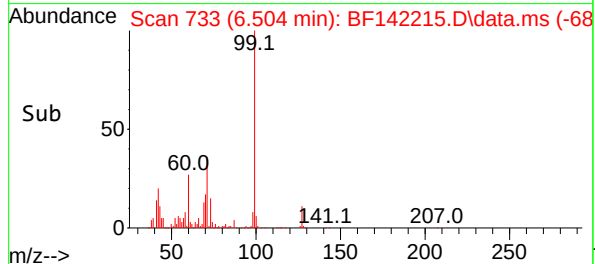
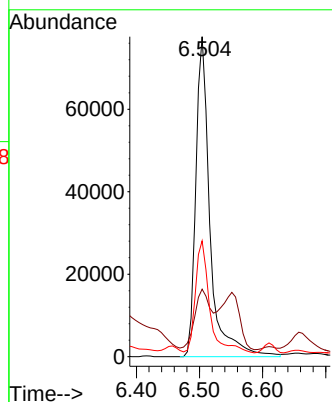
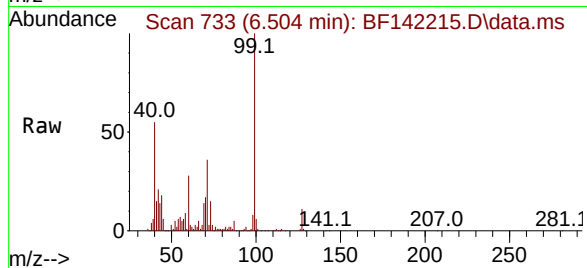




#7
Phenol-d6
Concen: 5.461 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

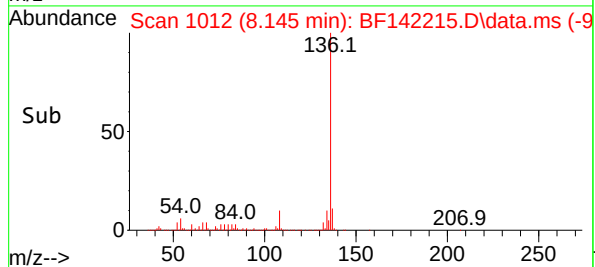
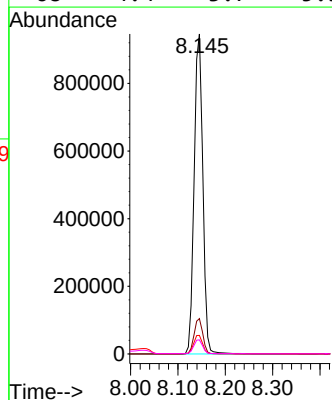
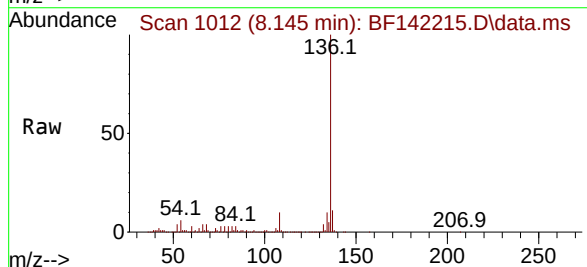
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATERDL

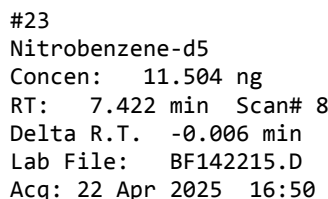
Tgt Ion: 99 Resp: 121038
Ion Ratio Lower Upper
99 100
42 21.1 11.5 17.3#
71 36.2 28.6 42.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

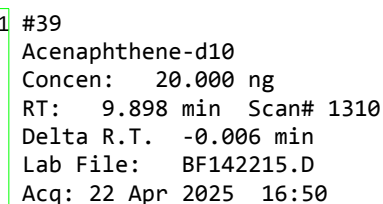
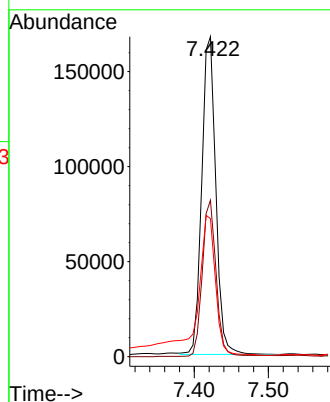
Tgt Ion:136 Resp: 1202456
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.8 4.7 7.1
68 4.4 3.7 5.5



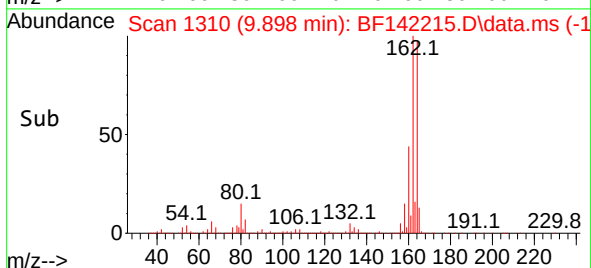
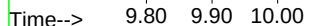
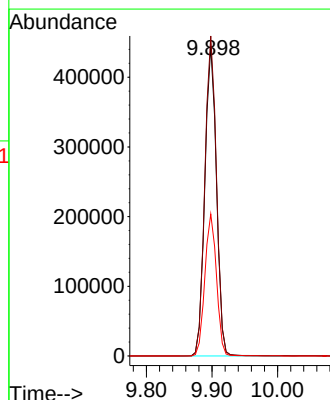


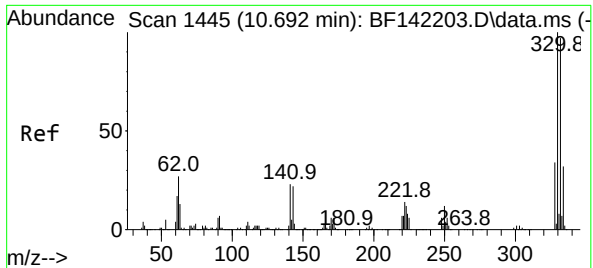
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATERDL

Tgt Ion: 82	Resp: 220270
Ion Ratio	Lower Upper
82 100	
128 48.9	40.2 60.2
54 43.2	35.5 53.3



Tgt	Ion:164	Resp:	548862
Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.9	122.9
160	45.8	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 8.560 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF142215.D

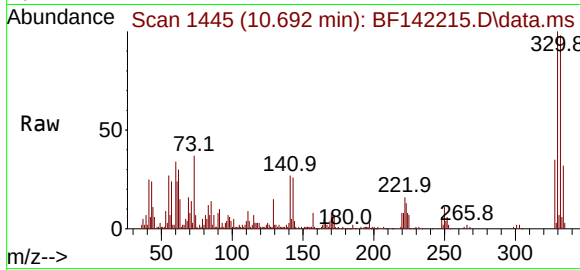
Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATERDL



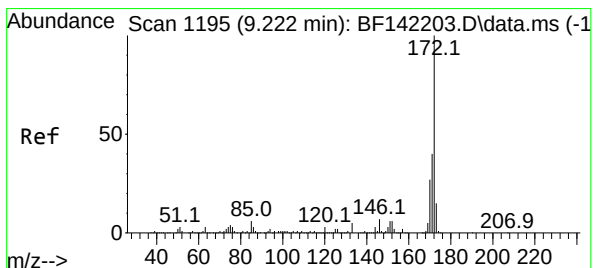
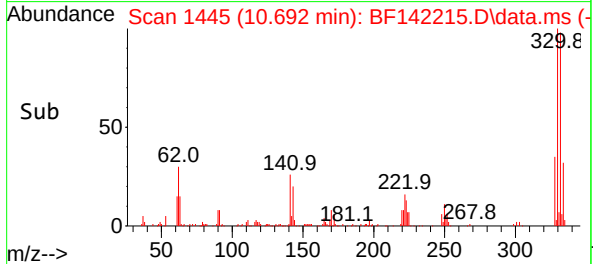
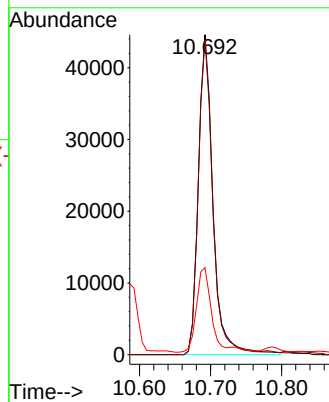
Tgt Ion:330 Resp: 64241

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 27.9 18.9 28.3



#45

2-Fluorobiphenyl

Concen: 14.191 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

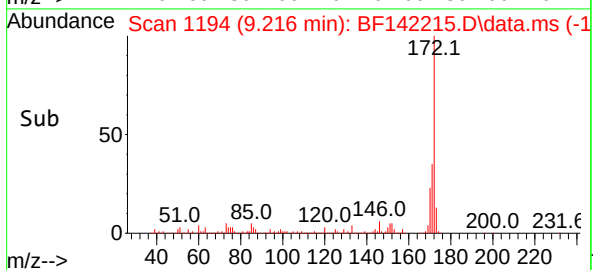
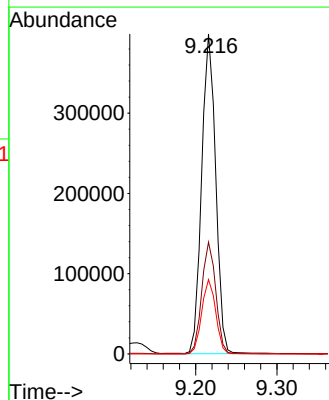
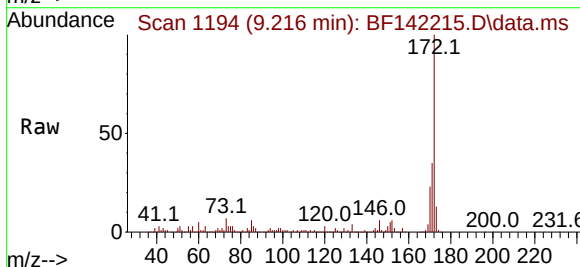
Tgt Ion:172 Resp: 477877

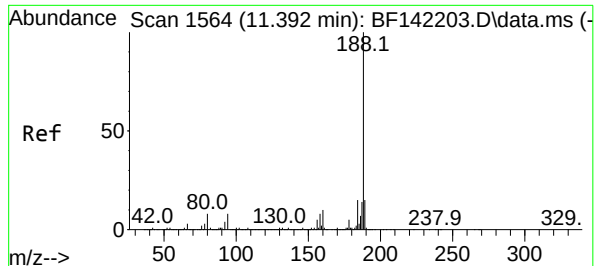
Ion Ratio Lower Upper

172 100

171 34.9 32.1 48.1

170 23.2 21.4 32.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATERDL

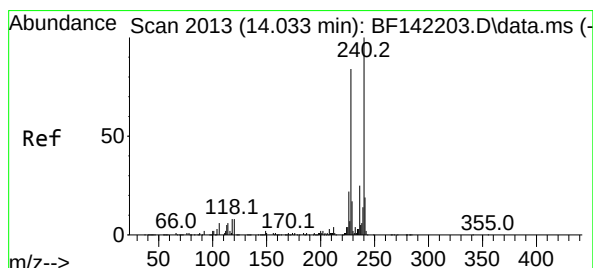
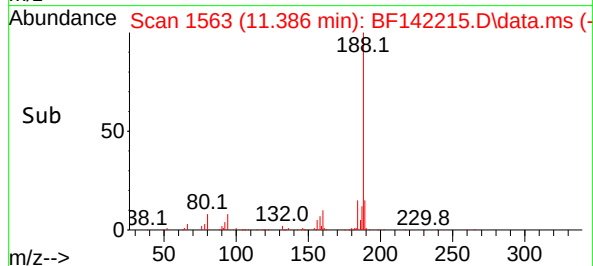
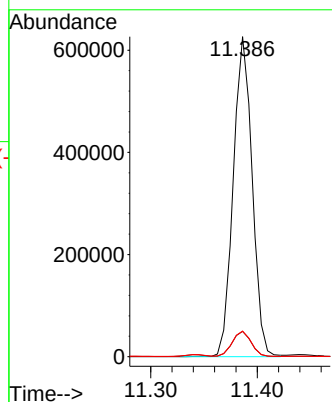
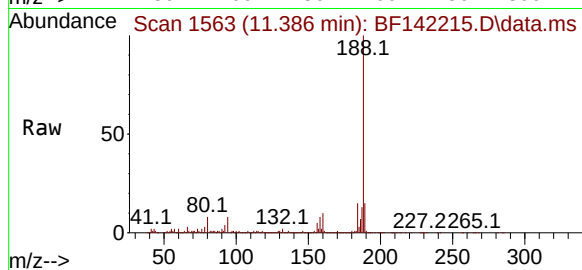
Tgt Ion:188 Resp: 773988

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

80 8.0 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

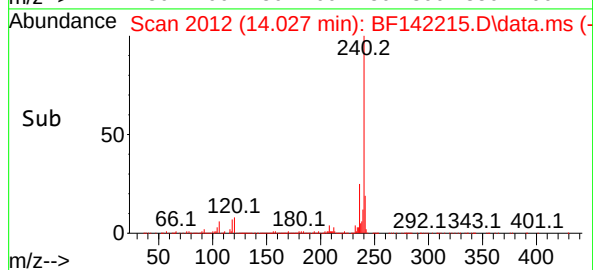
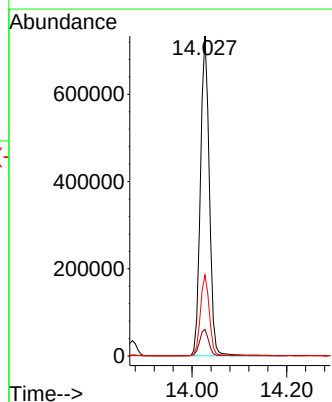
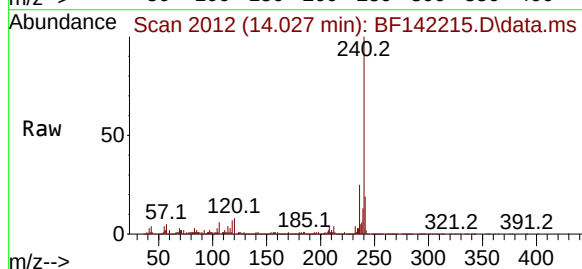
Tgt Ion:240 Resp: 952200

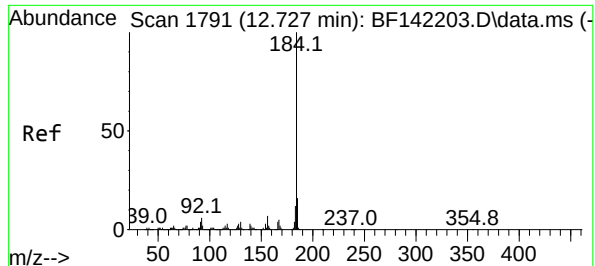
Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 25.3 20.2 30.2





#77

Benzidine

Concen: 57.318 ng

RT: 12.727 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATERDL

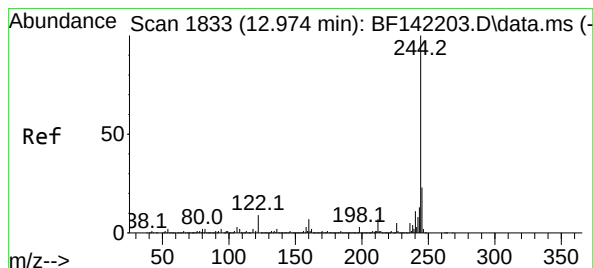
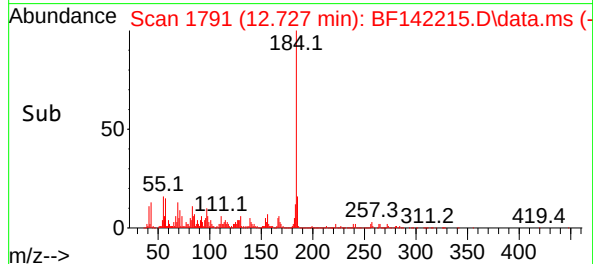
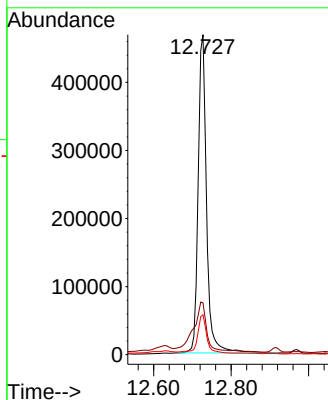
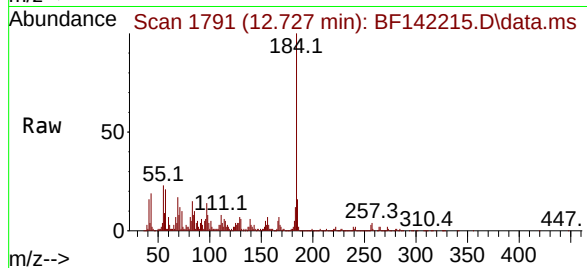
Tgt Ion:184 Resp: 704309

Ion Ratio Lower Upper

184 100

185 16.2 13.0 19.6

183 12.5 9.6 14.4



#79

Terphenyl-d14

Concen: 8.891 ng

RT: 12.968 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF142215.D

Acq: 22 Apr 2025 16:50

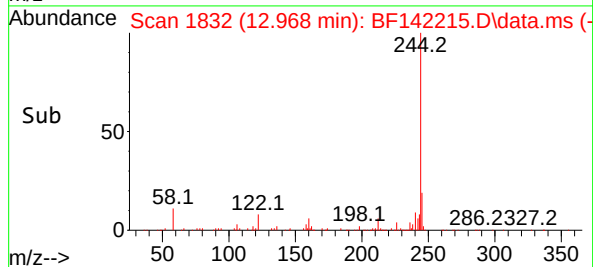
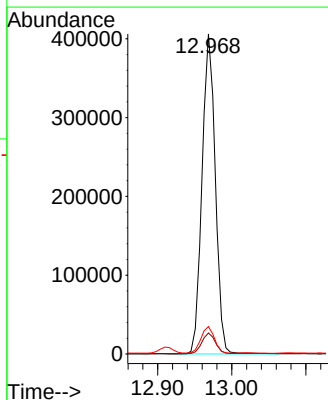
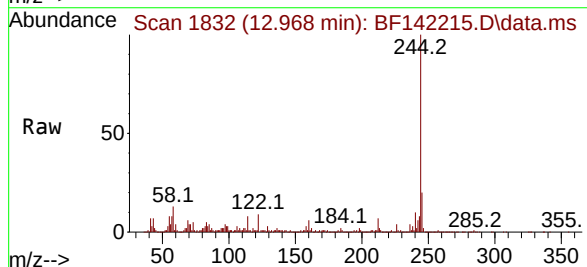
Tgt Ion:244 Resp: 505324

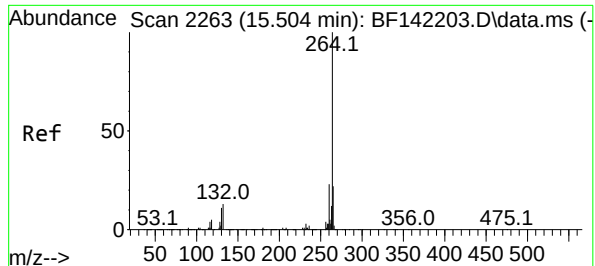
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 8.5 7.3 10.9

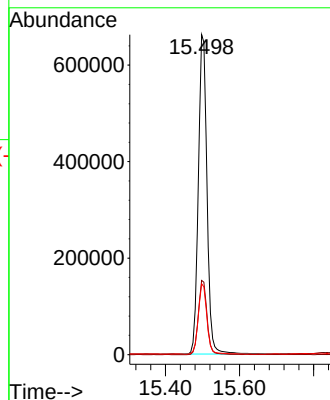
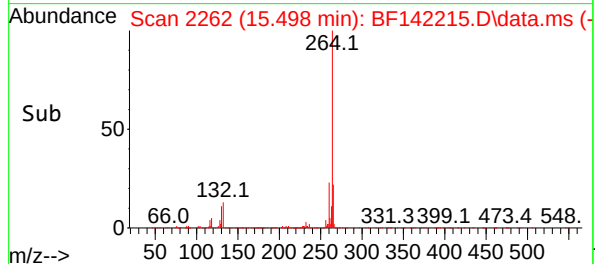
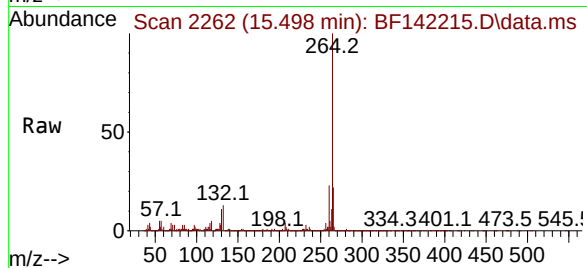




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142215.D
Acq: 22 Apr 2025 16:50

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATERDL

Tgt Ion:264 Resp: 1069333
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 22.1 16.9 25.3





CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ARDM01
 Lab Code: CHEM Case No.: Q1833 SAS No.: Q1833 SDG No.: Q1833
 Instrument ID: BNA_F Calibration Date(s): 04/21/2025 04/21/2025
 Calibration Time(s): 11:13 14:30

LAB FILE ID:		RRF2.5 = BF142199.D			RRF005 = BF142200.D		RRF010 = BF142201.D	
		RRF020 = BF142202.D			RRF040 = BF142203.D		RRF050 = BF142204.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.356	0.367	0.412	0.382	0.395	0.382	4.9
2-Fluorophenol		1.110	1.107	1.166	1.048	1.044	1.067	6.3
Phenol-d6		1.396	1.432	1.457	1.293	1.293	1.336	7.1
Phenol		1.457	1.483	1.532	1.383	1.372	1.409	6.4
bis(2-Chloroethyl) ether		1.097	1.094	1.128	1.018	1.043	1.063	4.4
2-Chlorophenol		1.254	1.271	1.335	1.207	1.196	1.221	6.1
2,2-oxybis(1-Chloropropane)		1.097	1.082	1.108	0.998	1.011	1.030	6.7
n-Nitroso-di-n-propylamine	0.779	0.841	0.807	0.791	0.713	0.721	0.755	7.5
Nitrobenzene-d5		0.324	0.333	0.344	0.313	0.308	0.318	5.1
Hexachloroethane		0.509	0.502	0.518	0.465	0.467	0.482	5.8
Nitrobenzene		0.318	0.319	0.336	0.316	0.310	0.315	3.6
Isophorone		0.549	0.541	0.562	0.523	0.522	0.535	3.1
2-Nitrophenol		0.134	0.151	0.169	0.172	0.174	0.166	10.5
2,4-Dimethylphenol		0.201	0.206	0.225	0.217	0.220	0.216	4.3
bis(2-Chloroethoxy) methane		0.358	0.364	0.372	0.345	0.344	0.351	4.2
2,4-Dichlorophenol		0.281	0.292	0.309	0.295	0.296	0.293	3.1
1,2,4-Trichlorobenzene		0.362	0.350	0.365	0.336	0.333	0.343	5.0
Naphthalene		1.079	1.063	1.070	0.917	0.882	0.945	13.6
Hexachlorobutadiene		0.232	0.231	0.242	0.224	0.218	0.226	4.1
4-Chloro-3-methylphenol		0.292	0.297	0.307	0.294	0.292	0.295	2.3
Hexachlorocyclopentadiene		0.128	0.161	0.214	0.226	0.216	0.201	20.0
2,4,6-Trichlorophenol		0.337	0.367	0.409	0.389	0.389	0.382	6.2
2-Fluorobiphenyl		1.486	1.417	1.372	1.101	1.014	1.227	18.2
2-Chloronaphthalene		1.225	1.176	1.228	1.082	1.046	1.113	8.8
Dimethylphthalate		1.352	1.322	1.401	1.250	1.218	1.282	6.2
Acenaphthylene		1.790	1.701	1.771	1.530	1.474	1.573	11.7
2,6-Dinitrotoluene		0.274	0.283	0.309	0.291	0.286	0.288	3.9
Acenaphthene		1.230	1.168	1.233	1.099	1.082	1.134	7.0
2,4-Dinitrophenol			0.094	0.131	0.143	0.153	0.141	18.6
4-Nitrophenol			0.156	0.206	0.205	0.216	0.202	11.8
2,4-Dinitrotoluene		0.340	0.367	0.398	0.376	0.375	0.372	5.4
Diethylphthalate		1.257	1.266	1.327	1.187	1.155	1.197	8.0
4-Chlorophenyl-phenylether		0.737	0.710	0.731	0.661	0.639	0.677	7.3
Fluorene		1.381	1.339	1.363	1.187	1.156	1.230	10.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ARDM01
 Lab Code: CHEM Case No.: Q1833 SAS No.: Q1833 SDG No.: Q1833
 Instrument ID: BNA_F Calibration Date(s): 04/21/2025 04/21/2025
 Calibration Time(s): 11:13 14:30

LAB FILE ID:		RRF2.5 = BF142199.D			RRF005 = BF142200.D		RRF010 = BF142201.D	
		RRF020 = BF142202.D			RRF040 = BF142203.D		RRF050 = BF142204.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.088	0.110	0.117	0.123	0.117	13.9
n-Nitrosodiphenylamine		0.651	0.640	0.648	0.594	0.587	0.613	5.3
Azobenzene		1.147	1.110	1.139	1.018	1.002	1.043	9.0
2,4,6-Tribromophenol		0.246	0.265	0.289	0.274	0.280	0.273	5.4
4-Bromophenyl-phenylether		0.261	0.262	0.272	0.259	0.257	0.263	1.9
Hexachlorobenzene		0.323	0.318	0.326	0.304	0.304	0.313	2.9
Pentachlorophenol		0.100	0.136	0.165	0.169	0.178	0.160	19.5
Phenanthrene		1.127	1.120	1.110	0.952	0.916	0.993	12.5
Anthracene		1.114	1.102	1.104	0.967	0.926	0.993	11.5
Di-n-butylphthalate		0.862	0.981	1.038	0.909	0.881	0.898	10.1
Fluoranthene		1.176	1.190	1.180	0.991	0.955	1.032	14.5
Benzidine		0.230	0.196	0.166	0.385	0.301	0.258	28.3
Pyrene		1.783	1.726	1.849	1.592	1.501	1.588	13.5
Terphenyl-d14		1.390	1.331	1.382	1.106	1.015	1.194	16.6
Butylbenzylphthalate		0.258	0.308	0.403	0.402	0.433	0.384	19.0
3,3-Dichlorobenzidine		0.272	0.329	0.372	0.370	0.386	0.361	12.9
Benzo(a)anthracene		1.197	1.211	1.357	1.207	1.199	1.211	5.9
Chrysene		1.259	1.232	1.229	1.133	1.119	1.167	6.1
Bis(2-ethylhexyl)phthalate		0.351	0.405	0.513	0.539	0.565	0.514	19.7
Di-n-octyl phthalate			0.642	0.831	0.934	0.972	0.911	16.9
Benzo(b)fluoranthene		0.993	1.065	1.303	1.134	1.138	1.122	8.5
Benzo(k)fluoranthene		1.273	1.226	1.114	1.055	1.060	1.108	10.5
Benzo(a)pyrene		0.989	0.999	1.069	0.990	1.002	1.004	3.2
Indeno(1,2,3-cd)pyrene		1.378	1.344	1.475	1.405	1.413	1.403	2.9
Dibenzo(a,h)anthracene		1.116	1.084	1.215	1.164	1.158	1.145	3.7
Benzo(g,h,i)perylene		1.176	1.139	1.239	1.203	1.201	1.192	2.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF042125.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Apr 22 02:14:30 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142199.D 5 =BF142200.D 10 =BF142201.D 20 =BF142202.D 40 =BF142203.D 50 =BF142204.D 60 =BF142205.D 80 =BF142206.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.473	0.440	0.466	0.415	0.418	0.417	0.403	0.433	6.30	
3)	Pyridine	0.827	0.976	1.056	0.951	0.942	0.941	0.886	0.940	7.58	
4)	n-Nitrosodimet...	0.356	0.367	0.412	0.382	0.395	0.389	0.371	0.382	4.93	
5) S	2-Fluorophenol	1.110	1.107	1.166	1.048	1.044	1.031	0.960	1.067	6.28	
6)	Aniline	1.307	1.359	1.418	1.224	1.142	1.115	1.070	1.234	10.71	
7) S	Phenol-d6	1.396	1.432	1.457	1.293	1.293	1.290	1.191	1.336	7.13	
8)	2-Chlorophenol	1.254	1.271	1.335	1.207	1.196	1.187	1.098	1.221	6.14	
9)	Benzaldehyde	0.888	0.847	0.827	0.683	0.684	0.670	0.534	0.733	17.11	
10) C	Phenol	1.457	1.483	1.532	1.383	1.372	1.377	1.259	1.409	6.38	
11)	bis(2-Chloroet...	1.097	1.094	1.128	1.018	1.043	1.058	1.000	1.063	4.36	
12)	1,3-Dichlorobe...	1.488	1.460	1.519	1.343	1.336	1.315	1.224	1.384	7.75	
13) C	1,4-Dichlorobe...	1.589	1.508	1.531	1.368	1.356	1.341	1.241	1.419	8.80	
14)	1,2-Dichlorobe...	1.471	1.428	1.435	1.276	1.258	1.232	1.142	1.320	9.41	
15)	Benzyl Alcohol	0.936	0.985	1.077	0.970	0.982	0.970	0.900	0.974	5.56	
16)	2,2'-oxybis(1-...	1.097	1.082	1.108	0.998	1.011	0.999	0.915	1.030	6.73	
17)	2-Methylphenol	0.923	0.912	0.975	0.903	0.907	0.924	0.889	0.919	2.99	
18)	Hexachloroethane	0.509	0.502	0.518	0.465	0.467	0.472	0.442	0.482	5.76	
19) P	n-Nitroso-di-n...	0.779	0.841	0.807	0.791	0.713	0.721	0.715	0.676	0.755	7.52
20)	3+4-Methylphenols	1.194	1.205	1.280	1.131	1.120	1.086	0.985	1.143	8.31	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.468	0.468	0.479	0.427	0.417	0.419	0.396	0.439	7.31	
23) S	Nitrobenzene-d5	0.324	0.333	0.344	0.313	0.308	0.311	0.297	0.318	5.07	
24)	Nitrobenzene	0.318	0.319	0.336	0.316	0.310	0.312	0.298	0.315	3.60	
25)	Isophorone	0.549	0.541	0.562	0.523	0.522	0.529	0.516	0.535	3.10	
26) C	2-Nitrophenol	0.134	0.151	0.169	0.172	0.174	0.182	0.179	0.166	10.47	
27)	2,4-Dimethylph...	0.201	0.206	0.225	0.217	0.220	0.226	0.215	0.216	4.31	
28)	bis(2-Chloroet...	0.358	0.364	0.372	0.345	0.344	0.344	0.329	0.351	4.17	
29) C	2,4-Dichloroph...	0.281	0.292	0.309	0.295	0.296	0.296	0.284	0.293	3.15	
30)	1,2,4-Trichlor...	0.362	0.350	0.365	0.336	0.333	0.336	0.318	0.343	4.98	
31)	Naphthalene	1.079	1.063	1.070	0.917	0.882	0.852	0.751	0.945	13.57	
32)	Benzoic acid		0.098	0.152	0.181	0.198	0.211	0.213	0.175	25.30	
33)	4-Chloroaniline	0.341	0.356	0.367	0.339	0.332	0.331	0.328	0.342	4.24	
34) C	Hexachlorobuta...	0.232	0.231	0.242	0.224	0.218	0.222	0.215	0.226	4.12	
35)	Caprolactam	0.068	0.073	0.081	0.079	0.083	0.085	0.079	0.078	7.65	
36) C	4-Chloro-3-met...	0.292	0.297	0.307	0.294	0.292	0.298	0.286	0.295	2.26	
37)	2-Methylnaphth...	0.720	0.702	0.713	0.642	0.629	0.607	0.557	0.653	9.38	
38)	1-Methylnaphth...	0.717	0.679	0.682	0.613	0.604	0.587	0.544	0.632	9.74	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF042125.M

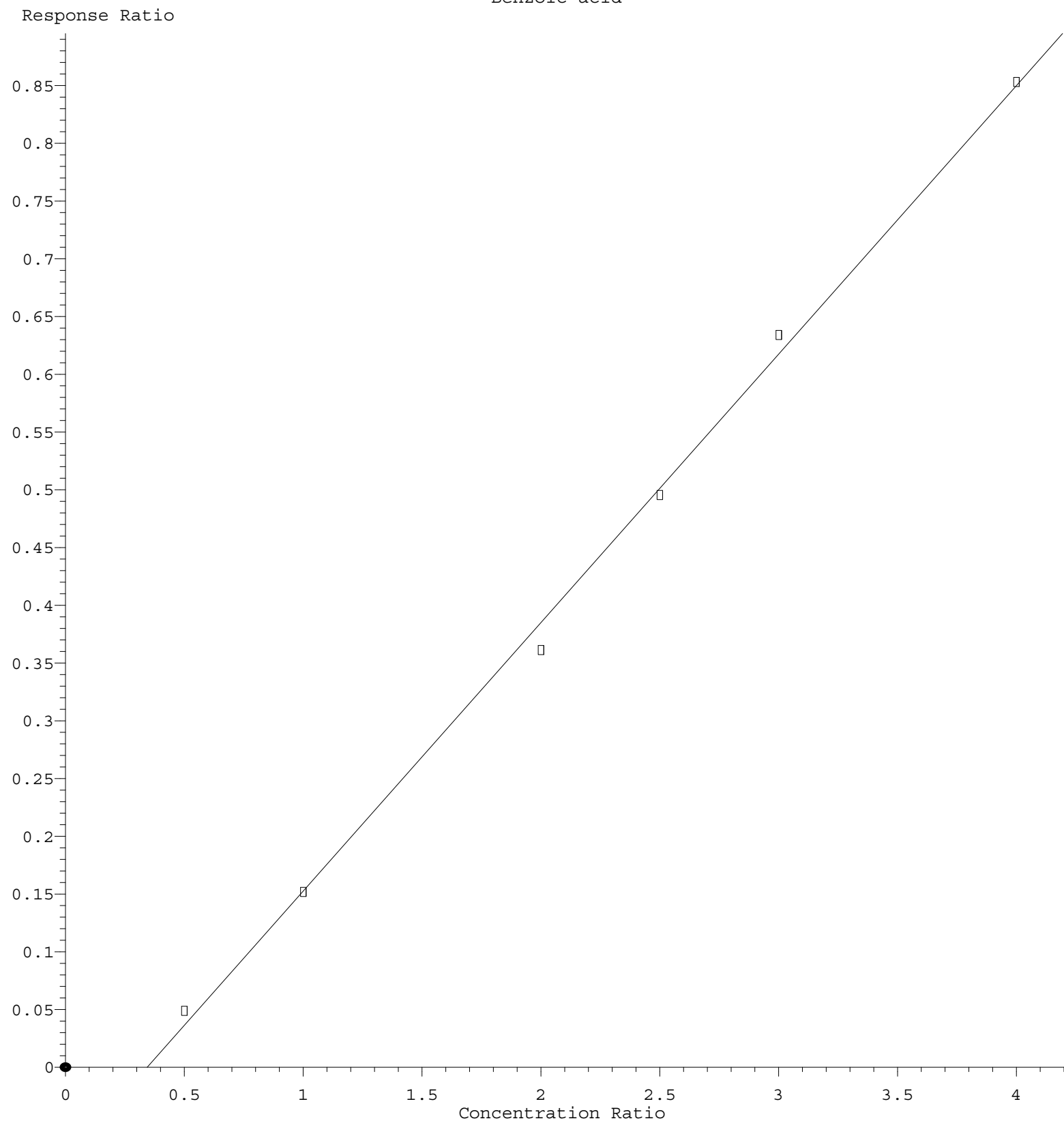
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.687	0.678	0.704	0.640	0.624	0.638	0.611	0.654	5.35	
41) P	Hexachlorocycl...	0.128	0.161	0.214	0.226	0.216	0.228	0.232	0.201	19.97	
42) S	2,4,6-Tribromo...	0.246	0.265	0.289	0.274	0.280	0.288	0.270	0.273	5.44	
43) C	2,4,6-Trichlor...	0.337	0.367	0.409	0.389	0.389	0.396	0.388	0.382	6.20	
44)	2,4,5-Trichlor...	0.377	0.389	0.423	0.410	0.415	0.432	0.422	0.410	4.81	
45) S	2-Fluorobiphenyl	1.486	1.417	1.372	1.101	1.014	0.973		1.227	18.23	
46)	1,1'-Biphenyl	1.634	1.583	1.616	1.396	1.325	1.296	1.189	1.434	12.33	
47)	2-Chloronaphth...	1.225	1.176	1.228	1.082	1.046	1.064	0.973	1.113	8.77	
48)	2-Nitroaniline	0.232	0.250	0.282	0.264	0.265	0.275	0.259	0.261	6.34	
49)	Acenaphthylene	1.790	1.701	1.771	1.530	1.474	1.439	1.309	1.573	11.66	
50)	Dimethylphthalate	1.352	1.322	1.401	1.250	1.218	1.258	1.176	1.282	6.16	
51)	2,6-Dinitrotol...	0.274	0.283	0.309	0.291	0.286	0.292	0.280	0.288	3.90	
52) C	Acenaphthene	1.230	1.168	1.233	1.099	1.082	1.102	1.022	1.134	7.00	
53)	3-Nitroaniline	0.254	0.277	0.297	0.284	0.276	0.269	0.274	0.276	4.80	
54) P	2,4-Dinitrophenol		0.094	0.131	0.143	0.153	0.166	0.159	0.141	18.58	
55)	Dibenzofuran	1.834	1.765	1.788	1.551	1.455	1.452	1.282	1.590	13.16	
56) P	4-Nitrophenol		0.156	0.206	0.205	0.216	0.223	0.205	0.202	11.81	
57)	2,4-Dinitrotol...	0.340	0.367	0.398	0.376	0.375	0.392	0.355	0.372	5.43	
58)	Fluorene	1.381	1.339	1.363	1.187	1.156	1.148	1.034	1.230	10.75	
59)	2,3,4,6-Tetrac...	0.330	0.351	0.378	0.368	0.377	0.390	0.369	0.366	5.43	
60)	Diethylphthalate	1.257	1.266	1.327	1.187	1.155	1.153	1.036	1.197	7.99	
61)	4-Chlorophenyl...	0.737	0.710	0.731	0.661	0.639	0.653	0.608	0.677	7.29	
62)	4-Nitroaniline	0.237	0.249	0.286	0.269	0.272	0.277	0.246	0.262	6.92	
63)	Azobenzene	1.147	1.110	1.139	1.018	1.002	0.993	0.891	1.043	8.98	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.088	0.110	0.117	0.123	0.131	0.131	0.117	13.90	
66) c	n-Nitrosodiphe...	0.651	0.640	0.648	0.594	0.587	0.595	0.575	0.613	5.25	
67)	4-Bromophenyl-...	0.261	0.262	0.272	0.259	0.257	0.263	0.266	0.263	1.92	
68)	Hexachlorobenzene	0.323	0.318	0.326	0.304	0.304	0.311	0.307	0.313	2.90	
69)	Atrazine	0.168	0.178	0.138	0.101	0.162			0.150	20.71	
70) C	Pentachlorophenol	0.100	0.136	0.165	0.169	0.178	0.185	0.185	0.160	19.54	
71)	Phenanthrene	1.127	1.120	1.110	0.952	0.916	0.905	0.822	0.993	12.49	
72)	Anthracene	1.114	1.102	1.104	0.967	0.926	0.909	0.830	0.993	11.45	
73)	Carbazole	0.952	0.951	0.960	0.844	0.821	0.810	0.734	0.868	10.12	
74)	Di-n-butylphth...	0.862	0.981	1.038	0.909	0.881	0.856	0.760	0.898	10.09	
75) C	Fluoranthene	1.176	1.190	1.180	0.991	0.955	0.919	0.815	1.032	14.55	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.230	0.196	0.166	0.385	0.301	0.285	0.243	0.258	28.27	
78)	Pyrene	1.783	1.726	1.849	1.592	1.501	1.412	1.255	1.588	13.45	
79) S	Terphenyl-d14	1.390	1.331	1.382	1.106	1.015	0.939		1.194	16.63	
80)	Butylbenzylpht...	0.258	0.308	0.403	0.402	0.433	0.448	0.439	0.384	18.96	
81)	Benzo(a)anthra...	1.197	1.211	1.357	1.207	1.199	1.190	1.119	1.211	5.90	
82)	3,3'-Dichlorob...	0.272	0.329	0.372	0.370	0.386	0.411	0.385	0.361	12.87	
83)	Chrysene	1.259	1.232	1.229	1.133	1.119	1.122	1.075	1.167	6.13	
84)	Bis(2-ethylhex...	0.351	0.405	0.513	0.539	0.565	0.605	0.622	0.514	19.67	
85) c	Di-n-octyl pht...		0.642	0.831	0.934	0.972	1.031	1.057	0.911	16.92	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF042125.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.378	1.344	1.475	1.405	1.413	1.416	1.391	1.403	2.87	
88)	Benzo(b)fluora...	0.993	1.065	1.303	1.134	1.138	1.091	1.130	1.122	8.45	
89)	Benzo(k)fluora...	1.273	1.226	1.114	1.055	1.060	1.108	0.922	1.108	10.46	
90) C	Benzo(a)pyrene	0.989	0.999	1.069	0.990	1.002	1.014	0.967	1.004	3.18	
91)	Dibenzo(a,h)an...	1.116	1.084	1.215	1.164	1.158	1.155	1.121	1.145	3.68	
92)	Benzo(g,h,i)pe...	1.176	1.139	1.239	1.203	1.201	1.210	1.178	1.192	2.68	

(#) = Out of Range

Benzoic acid



$\text{Response} = 2.326\text{e-}001 * \text{Amt} - 7.996\text{e-}002$
 Coef of Det (r^2) = 0.997698 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF042125.M
 Calibration Table Last Updated: Tue Apr 22 02:14:30 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142199.D
Acq On : 21 Apr 2025 11:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 22 00:46:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 00:36:52 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	622834	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2413530	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1431118	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2538453	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1890280	20.000	ng	0.00
86) Perylene-d12	15.504	264	1397277	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	

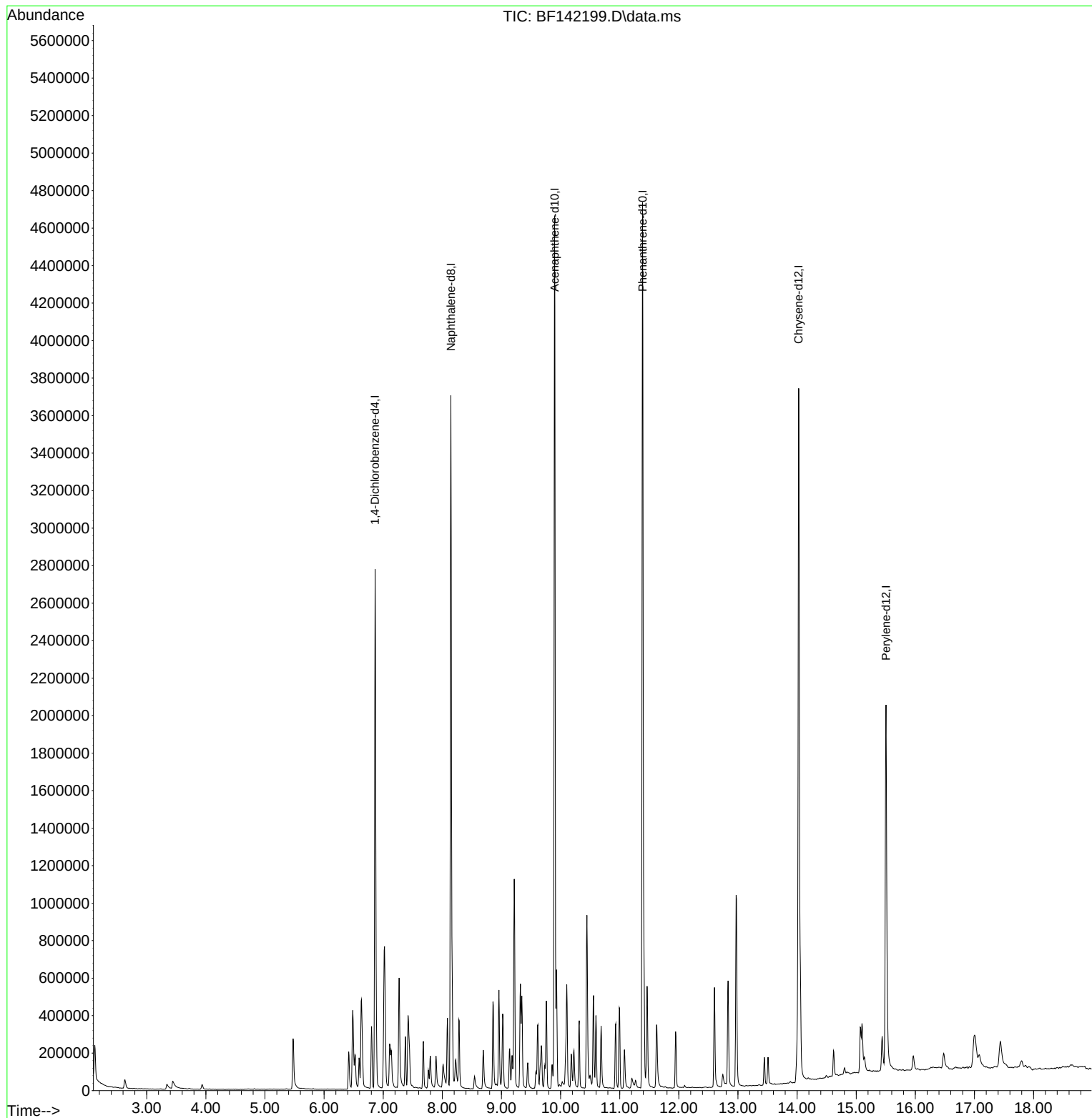
Target Compounds	Qvalue

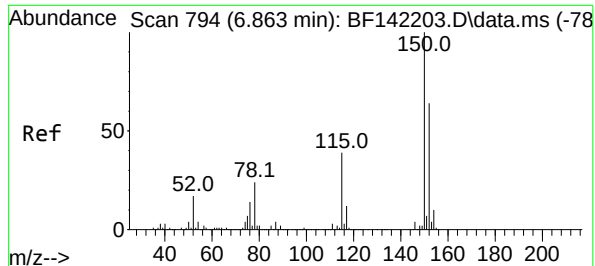
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142199.D
Acq On : 21 Apr 2025 11:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 22 00:46:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 00:36:52 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

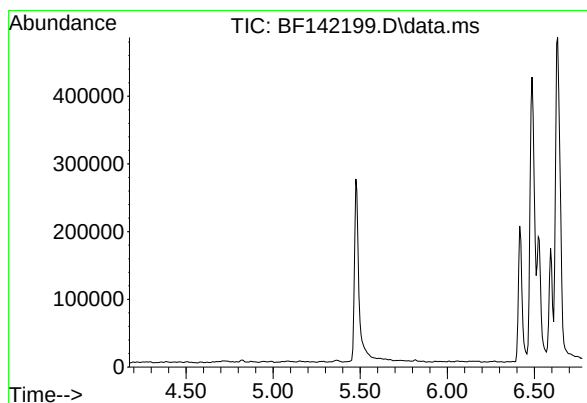
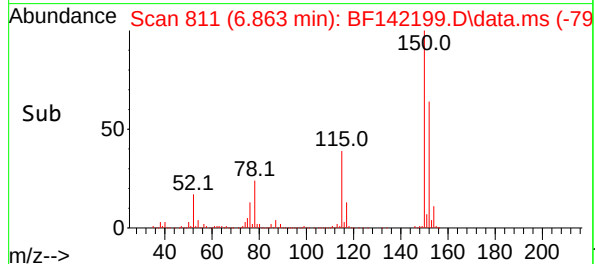
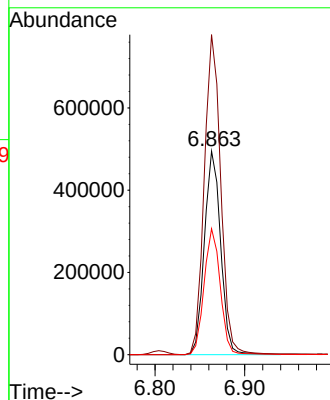
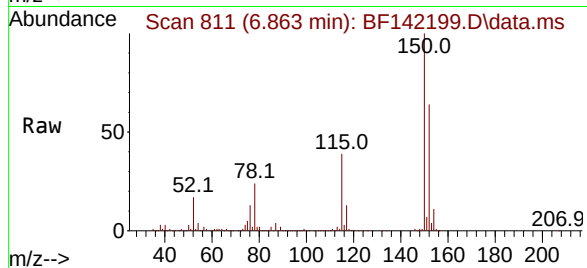
Tgt Ion:152 Resp: 622834

Ion Ratio Lower Upper

152 100

150 157.2 126.4 189.6

115 61.9 49.4 74.2



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.47 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

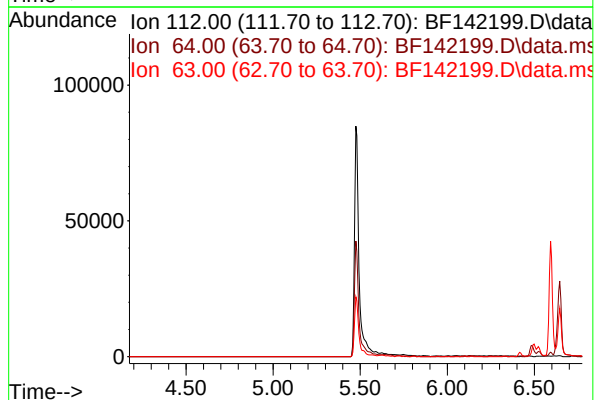
Tgt Ion: 112

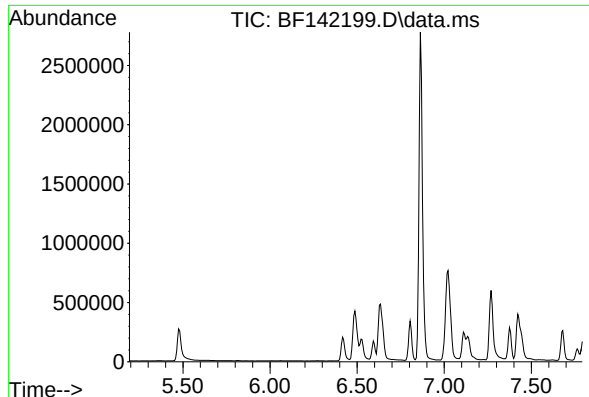
Sig Exp Ratio

112 100

64 51.1

63 27.5





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.49 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

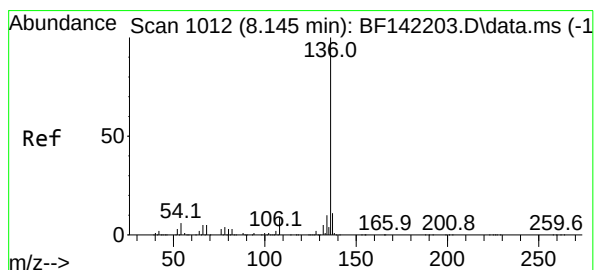
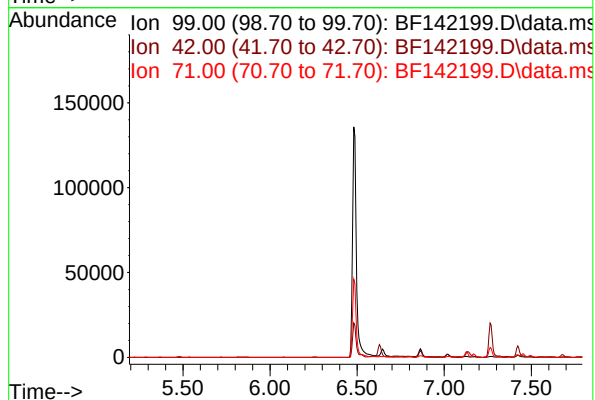
Tgt Ion: 99

Sig Exp Ratio

99 100

42 14.4

71 35.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.000 min

Lab File: BF142199.D

Acq: 21 Apr 2025 11:13

Tgt Ion:136 Resp: 2413530

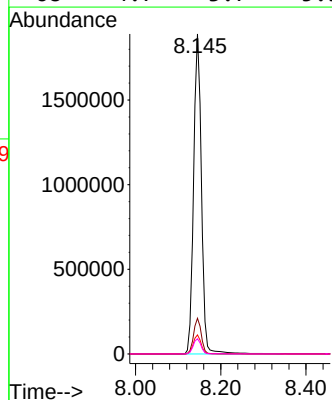
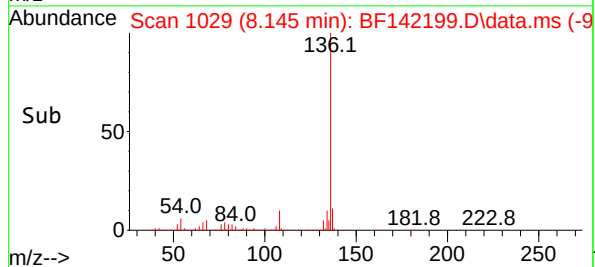
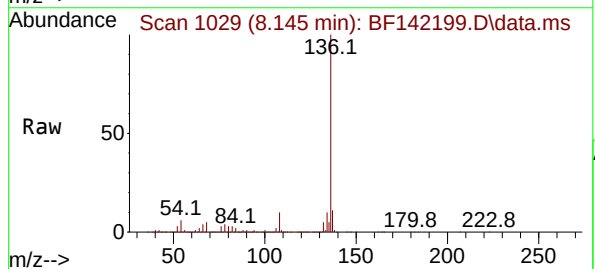
Ion Ratio Lower Upper

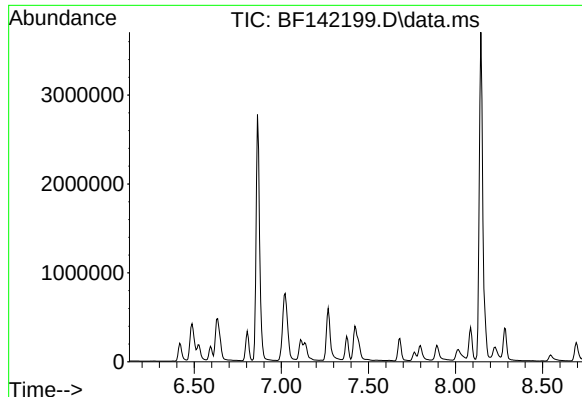
136 100

137 11.1 8.9 13.3

54 5.9 4.7 7.1

68 4.7 3.7 5.5

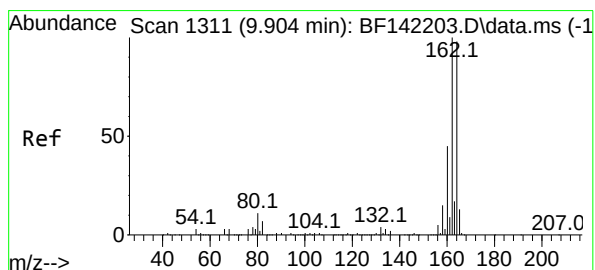
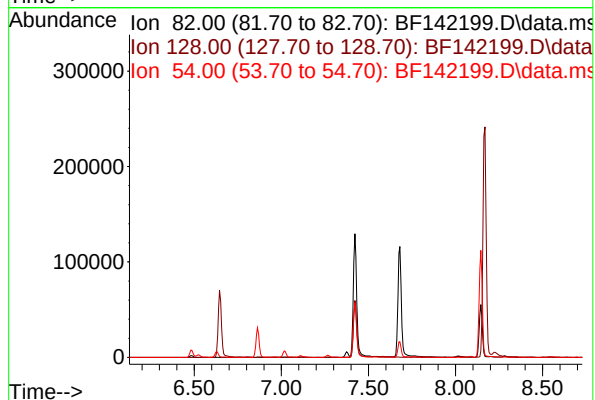




#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.43 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

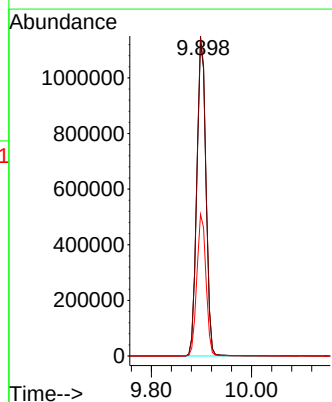
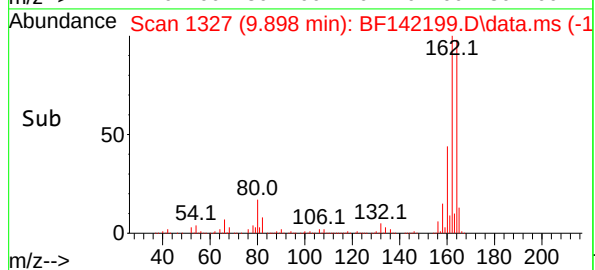
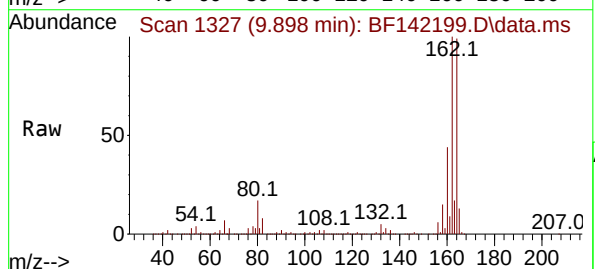
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

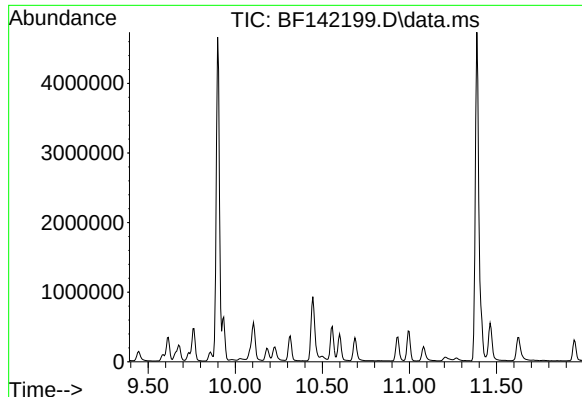
Tgt Ion: 82
Sig Exp Ratio
82 100
128 50.2
54 44.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion: 164 Resp: 1431118
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 45.0 36.8 55.2



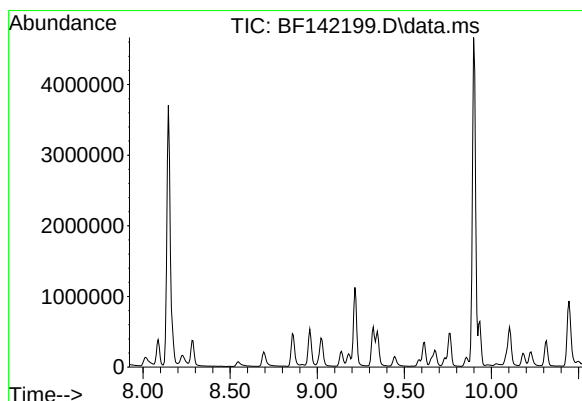
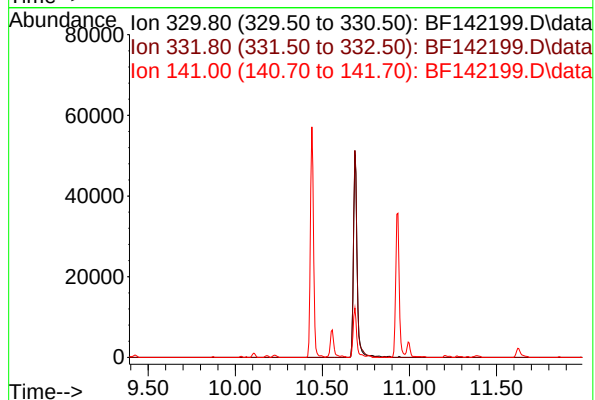


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.69 min

Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

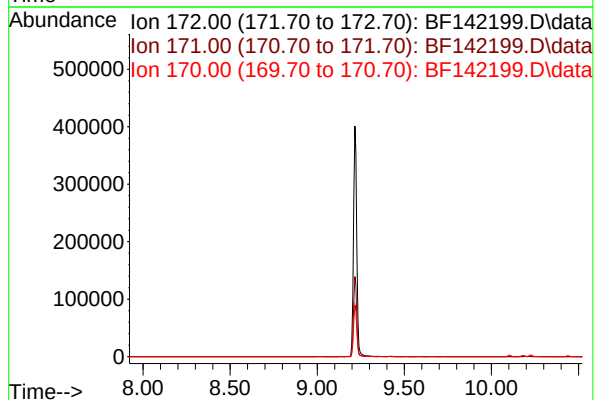
Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.4
141 23.6

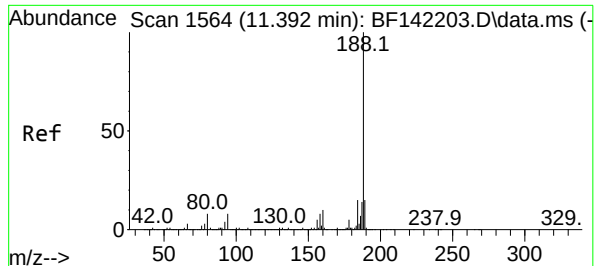


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.22 min

Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion: 172
Sig Exp Ratio
172 100
171 40.1
170 26.7

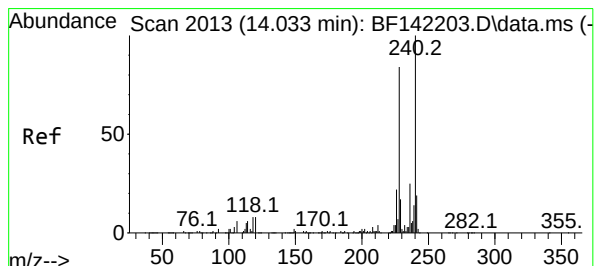
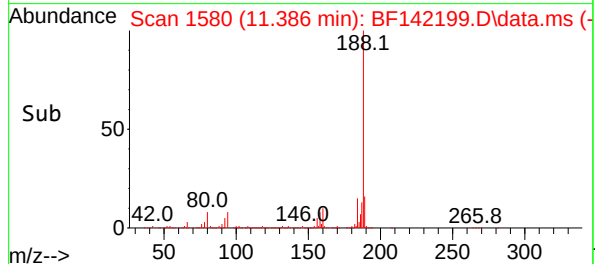
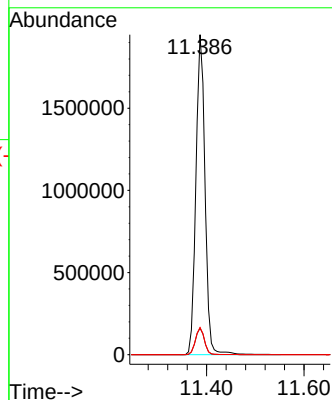
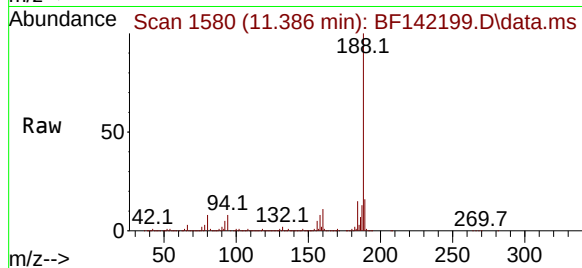




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

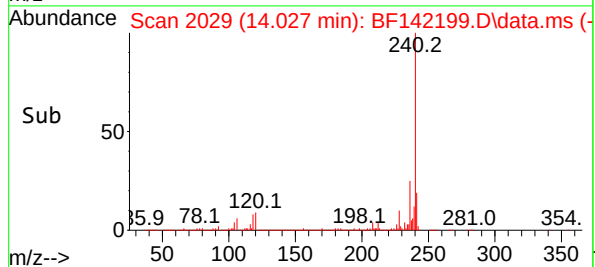
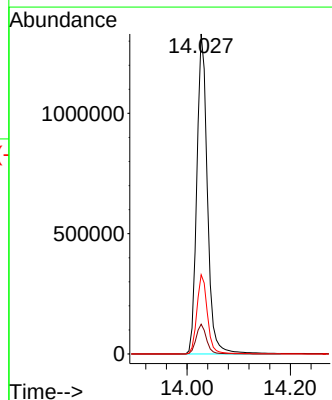
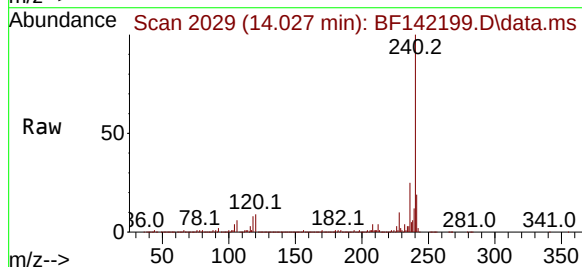
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

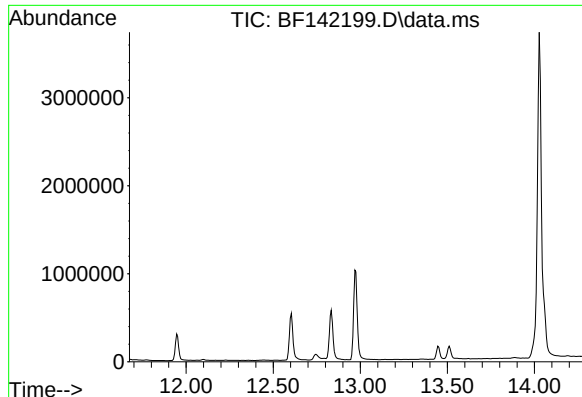
Tgt Ion:188 Resp: 2538453
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 8.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF142199.D
Acq: 21 Apr 2025 11:13

Tgt Ion:240 Resp: 1890280
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 24.8 20.2 30.2

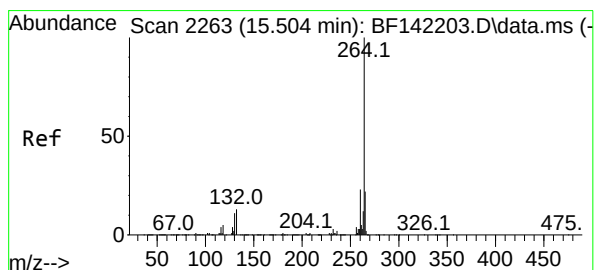
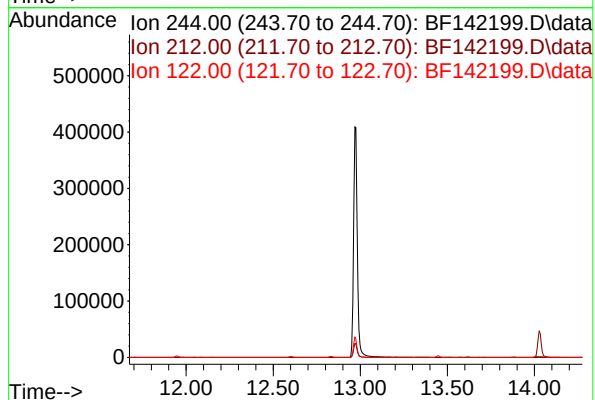




#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.97 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

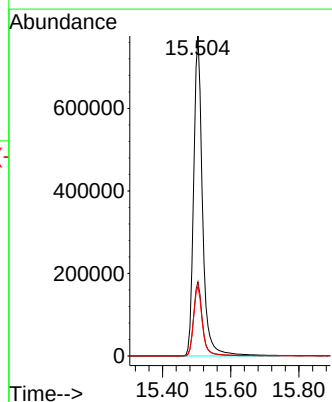
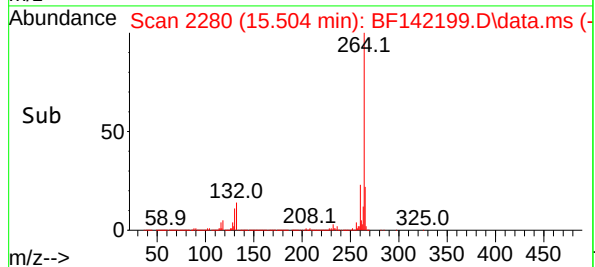
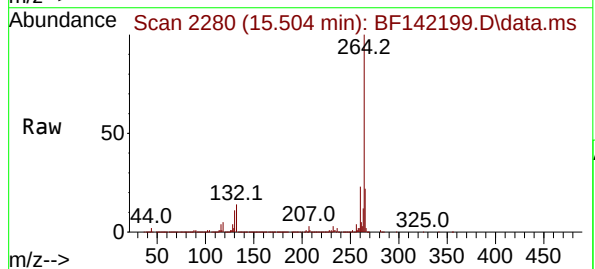
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.4
 122 9.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: BF142199.D
 Acq: 21 Apr 2025 11:13

Tgt Ion: 264 Resp: 1397277
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.7 16.9 25.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142200.D
 Acq On : 21 Apr 2025 11:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Apr 22 02:00:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	576027	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2219115	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1288428	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2308754	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1558310	20.000	ng	0.00
86) Perylene-d12	15.504	264	1289026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	319806	10.409	ng	0.00
7) Phenol-d6	6.481	99	402018	10.448	ng	-0.01
23) Nitrobenzene-d5	7.422	82	358961	10.159	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	158726	9.010	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	957449	12.112	ng	0.00
79) Terphenyl-d14	12.969	244	1083297	11.646	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	68076	5.459	ng	99
3) Pyridine	3.416	79	119135	4.401	ng	98
4) n-Nitrosodimethylamine	3.328	42	51204	4.659	ng	# 90
6) Aniline	6.522	93	188229	5.298	ng	99
8) 2-Chlorophenol	6.646	128	180527	5.133	ng	99
9) Benzaldehyde	6.416	77	127940	6.056	ng	99
10) Phenol	6.498	94	209844	5.171	ng	94
11) bis(2-Chloroethyl)ether	6.593	93	157951	5.161	ng	96
12) 1,3-Dichlorobenzene	6.804	146	214223	5.375	ng	98
13) 1,4-Dichlorobenzene	6.881	146	228798	5.598	ng	95
14) 1,2-Dichlorobenzene	7.034	146	211789	5.570	ng	99
15) Benzyl Alcohol	7.004	79	134779	4.804	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	158001	5.326	ng	99
17) 2-Methylphenol	7.110	107	132892	5.021	ng	99
18) Hexachloroethane	7.375	117	73311	5.280	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	121049	5.563	ng	98
20) 3+4-Methylphenols	7.263	107	172011	5.225	ng	# 83
22) Acetophenone	7.269	105	259474	5.327	ng	99
24) Nitrobenzene	7.440	77	176344	5.038	ng	99
25) Isophorone	7.675	82	304315	5.131	ng	97
26) 2-Nitrophenol	7.763	139	74239	4.035	ng	99
27) 2,4-Dimethylphenol	7.793	122	111344	4.654	ng	98
28) bis(2-Chloroethoxy)met...	7.893	93	198731	5.105	ng	99
29) 2,4-Dichlorophenol	8.004	162	155675	4.784	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	200906	5.280	ng	98
31) Naphthalene	8.169	128	598543	5.710	ng	98
33) 4-Chloroaniline	8.222	127	189026	4.980	ng	98
34) Hexachlorobutadiene	8.281	225	128740	5.127	ng	98
35) Caprolactam	8.545	113	37599	4.331	ng	94
36) 4-Chloro-3-methylphenol	8.692	107	161981	4.945	ng	98
37) 2-Methylnaphthalene	8.857	142	399299	5.512	ng	98
38) 1-Methylnaphthalene	8.957	142	397511	5.667	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	221255	5.248	ng	100
41) Hexachlorocyclopentadiene	9.010	237	41135	3.182	ng	94
43) 2,4,6-Trichlorophenol	9.134	196	108394	4.404	ng	100
44) 2,4,5-Trichlorophenol	9.175	196	121505	4.606	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142200.D
 Acq On : 21 Apr 2025 11:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Apr 22 02:00:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.322	154	526398	5.698	ng	97
47) 2-Chloronaphthalene	9.345	162	394472	5.501	ng	98
48) 2-Nitroaniline	9.439	65	74673	4.442	ng	94
49) Acenaphthylene	9.757	152	576525	5.688	ng	98
50) Dimethylphthalate	9.616	163	435410	5.271	ng	99
51) 2,6-Dinitrotoluene	9.675	165	88114	4.751	ng	90
52) Acenaphthene	9.934	154	396120	5.423	ng	98
53) 3-Nitroaniline	9.851	138	81852	4.606	ng	92
55) Dibenzofuran	10.104	168	590678	5.768	ng	96
57) 2,4-Dinitrotoluene	10.086	165	109358	4.565	ng	99
58) Fluorene	10.445	166	444828	5.615	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.222	232	106421	4.512	ng	98
60) Diethylphthalate	10.316	149	404910	5.249	ng	97
61) 4-Chlorophenyl-phenyle...	10.439	204	237295	5.440	ng	99
62) 4-Nitroaniline	10.457	138	76464	4.527	ng	98
63) Azobenzene	10.598	77	369395	5.499	ng	97
66) n-Nitrosodiphenylamine	10.551	169	375934	5.313	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	150701	4.963	ng	97
68) Hexachlorobenzene	10.992	284	186172	5.152	ng	99
69) Atrazine	11.081	200	97174	5.627	ng	98
70) Pentachlorophenol	11.198	266	57765	3.134	ng	99
71) Phenanthrene	11.410	178	650283	5.672	ng	97
72) Anthracene	11.463	178	642901	5.608	ng	97
73) Carbazole	11.622	167	549466	5.486	ng	98
74) Di-n-butylphthalate	11.945	149	497255	4.797	ng	98
75) Fluoranthene	12.598	202	678999	5.697	ng	98
77) Benzidine	12.739	184	89578	4.455	ng	94
78) Pyrene	12.827	202	694653	5.613	ng	98
80) Butylbenzylphthalate	13.445	149	100529	3.356	ng	98
81) Benzo(a)anthracene	14.016	228	466477	4.942	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105936	3.769	ng	# 99
83) Chrysene	14.051	228	490666	5.396	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	136919	3.416	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	444005	4.909	ng	99
88) Benzo(b)fluoranthene	15.069	252	320061	4.426	ng	97
89) Benzo(k)fluoranthene	15.098	252	410210m	5.735	ng	
90) Benzo(a)pyrene	15.439	252	318689	4.924	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	359577	4.874	ng	99
92) Benzo(g,h,i)perylene	17.433	276	378842	4.930	ng	97

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Abundance

TIC: BF142200.D\data.ms

Time-->

1,4-Dioxane

N-Propylamine

2-Fluorophenol, S

1,4-Dichlorobenzene-d4, I

1,4-Dichlorobenzene

2,2'-oxybis[4-chlorophenyl]amine, P

2-Nitrophenol

2-Nitrophenylmethane

2,4-Dichlorophenol

4-Chloroaniline

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Nitrophenol

2,4-Dichlorophenol

2-Nitroaniline

2,6-Dinitrophenol

3-Nitroaniline

2,4-Dichlorophenol

2,4,6-Trichlorophenol

4-Nitrophenyl-N-propylamine, C

2,4,6-Trichlorophenol, S

4-Bromophenyl-N-propylamine, C

Alazine

Pentachlorophenol, C

Phenanthrene

Anthracene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Buylbenzylphthalate

3,3'-Dichlorobenzidine (2,2'-ethylenedioxy)phthalate

Chrysene-d12, I

Benzo(a)anthracene

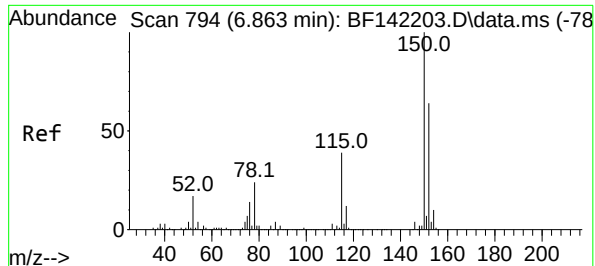
Benzo(a)pyrene, C

Perylene-d12, I

Benzo(a)fluoranthene

Dibenz(a,h)anthracene

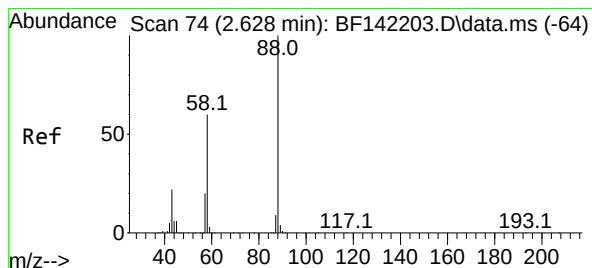
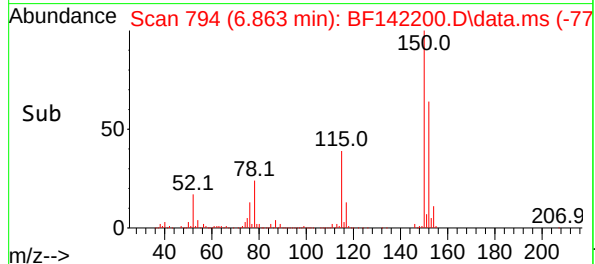
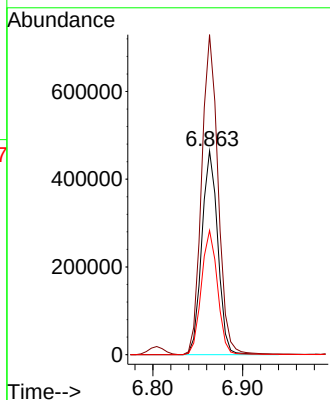
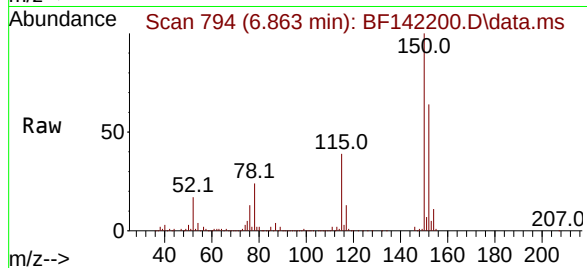
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

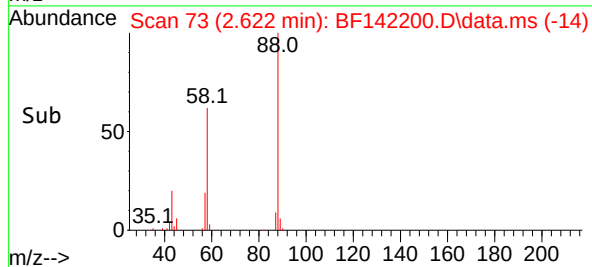
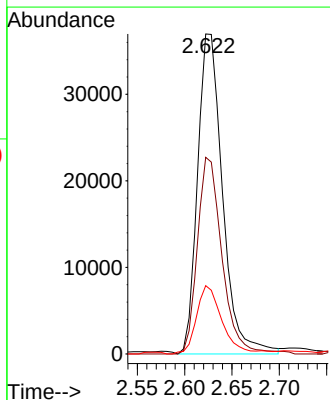
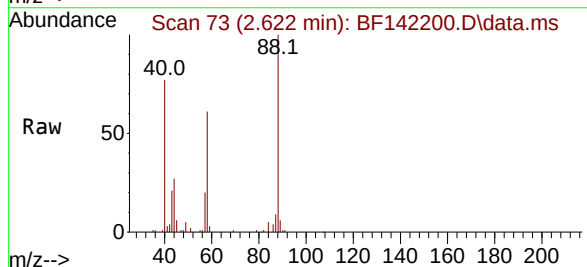
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

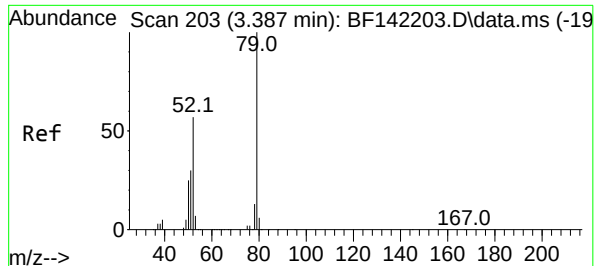
Tgt Ion:152 Resp: 576027
Ion Ratio Lower Upper
152 100
150 157.1 126.4 189.6
115 61.0 49.4 74.2



#2
1,4-Dioxane
Concen: 5.459 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 88 Resp: 68076
Ion Ratio Lower Upper
88 100
58 60.4 47.8 71.6
43 21.9 17.8 26.8

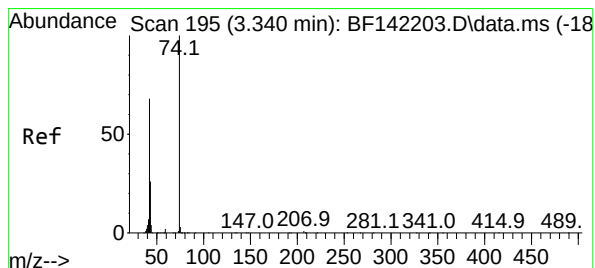
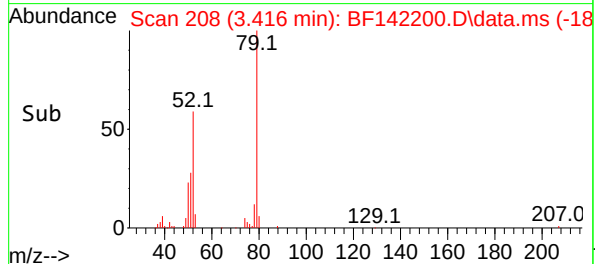
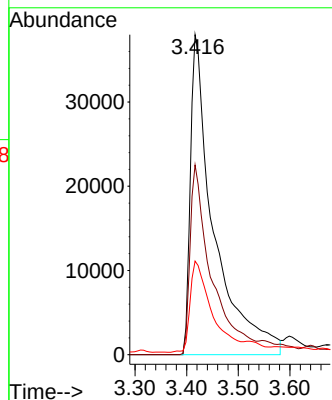
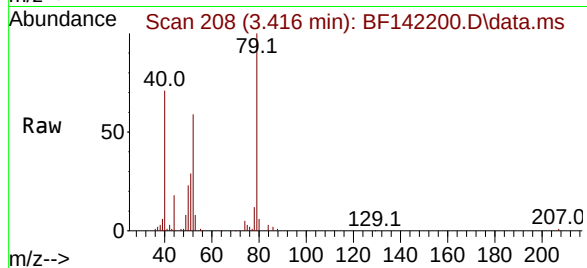




#3
Pyridine
Concen: 4.401 ng
RT: 3.416 min Scan# 203
Delta R.T. 0.030 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

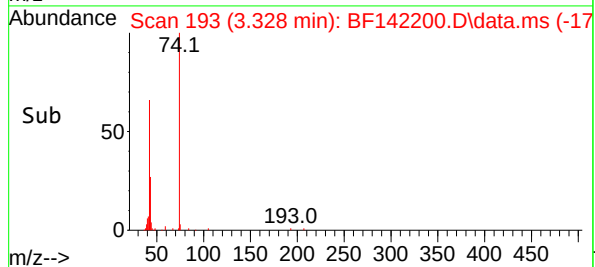
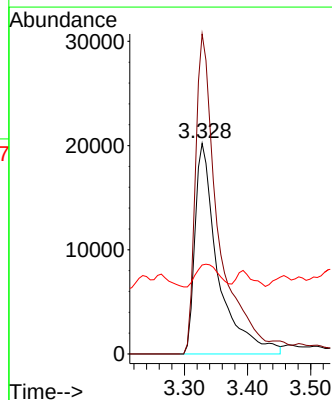
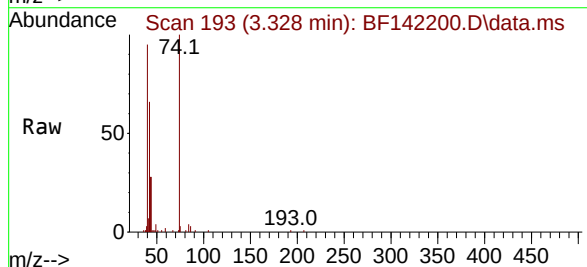
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

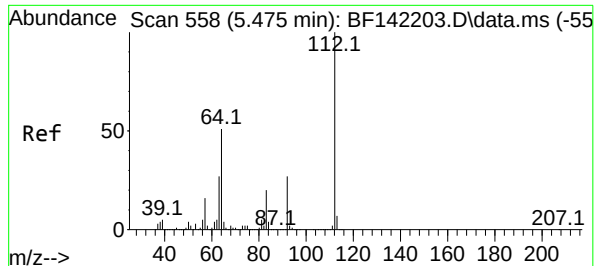
Tgt Ion: 79 Resp: 119135
Ion Ratio Lower Upper
79 100
52 59.3 45.8 68.8
51 29.3 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 4.659 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 42 Resp: 51204
Ion Ratio Lower Upper
42 100
74 151.9 117.4 176.0
44 42.3 9.5 14.3

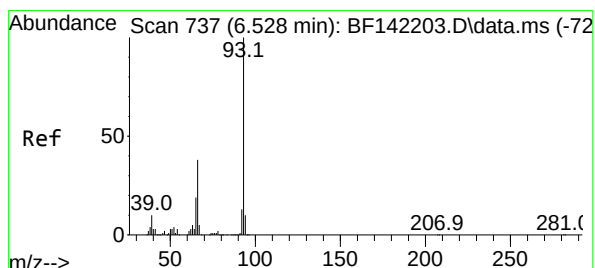
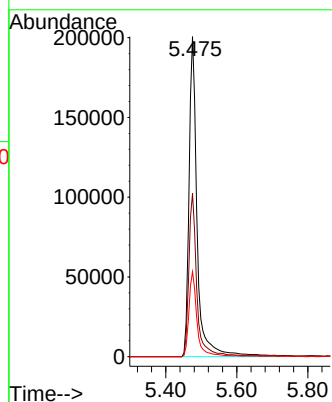
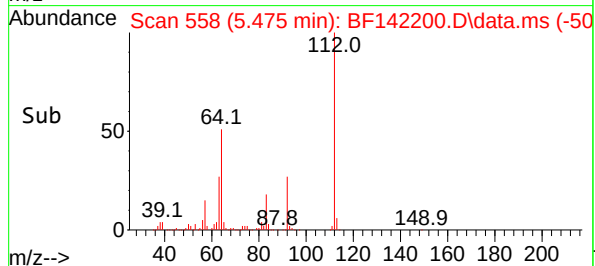
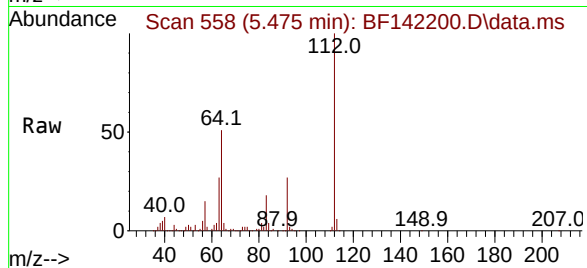




#5
2-Fluorophenol
Concen: 10.409 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

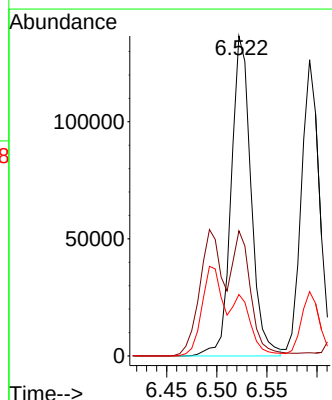
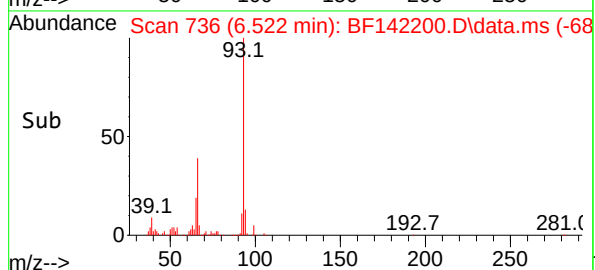
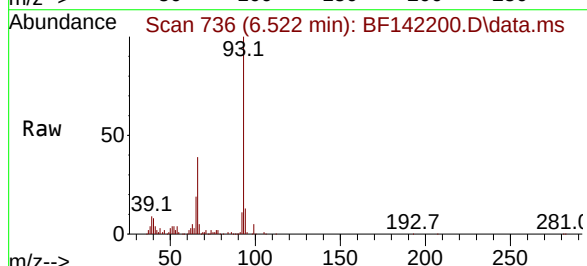
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

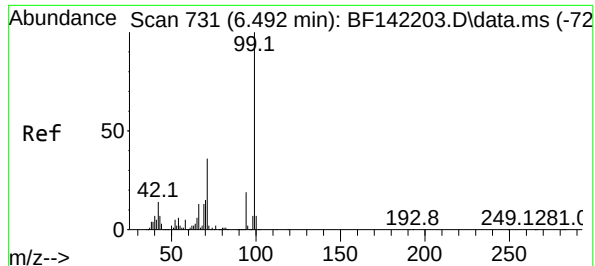
Tgt Ion: 112 Resp: 319806
Ion Ratio Lower Upper
112 100
64 51.0 40.9 61.3
63 26.5 22.0 33.0



#6
Aniline
Concen: 5.298 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 93 Resp: 188229
Ion Ratio Lower Upper
93 100
66 39.1 30.9 46.3
65 19.2 15.1 22.7

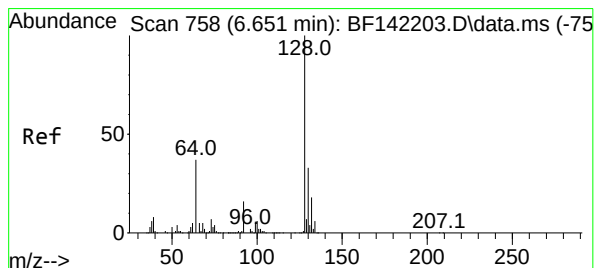
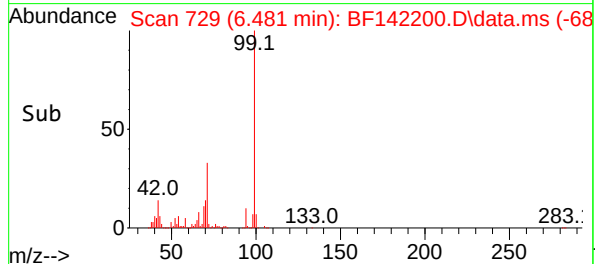
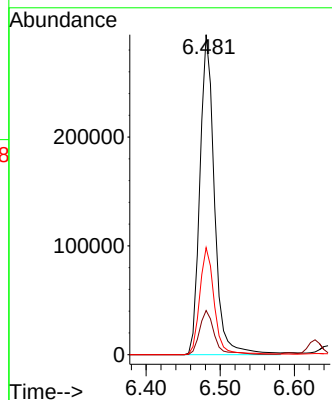
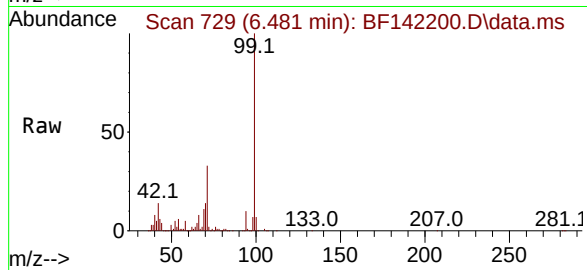




#7
Phenol-d6
Concen: 10.448 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

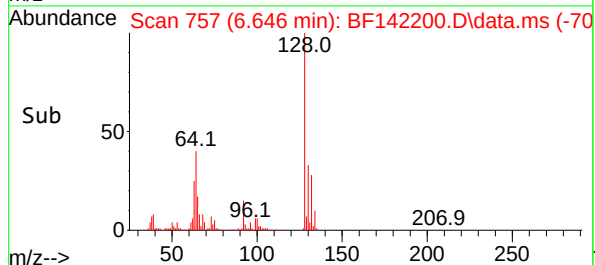
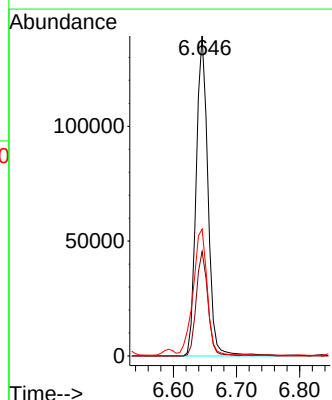
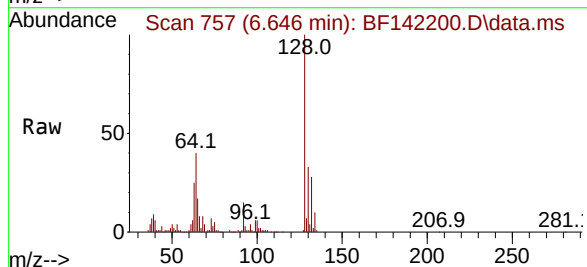
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

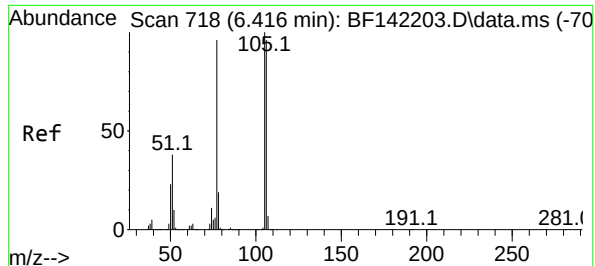
Tgt Ion: 99 Resp: 402018
Ion Ratio Lower Upper
99 100
42 13.8 11.5 17.3
71 33.4 28.6 42.8



#8
2-Chlorophenol
Concen: 5.133 ng
RT: 6.646 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 128 Resp: 180527
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 39.7 18.8 58.8

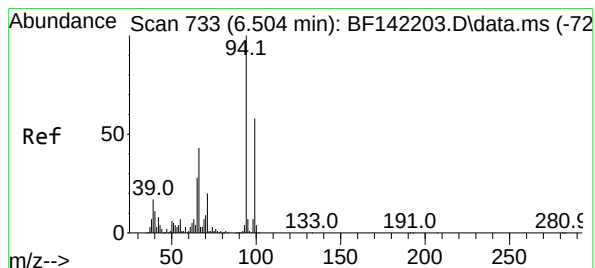
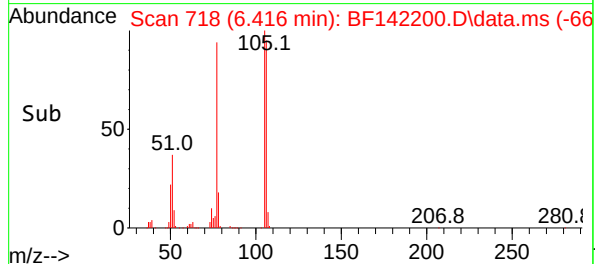
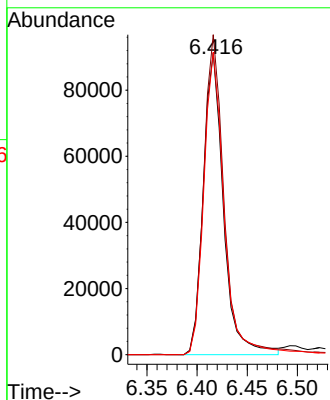
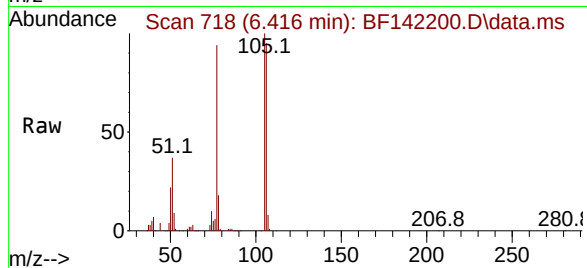




#9
Benzaldehyde
Concen: 6.056 ng
RT: 6.416 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

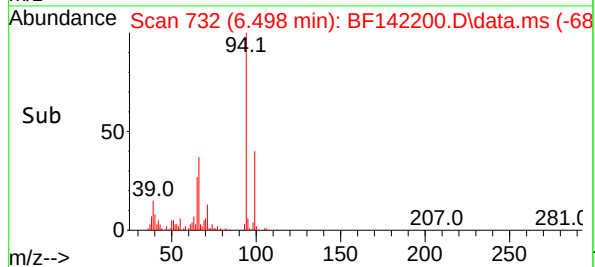
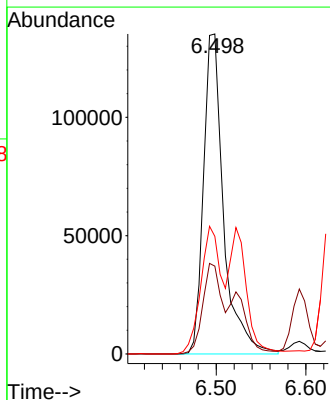
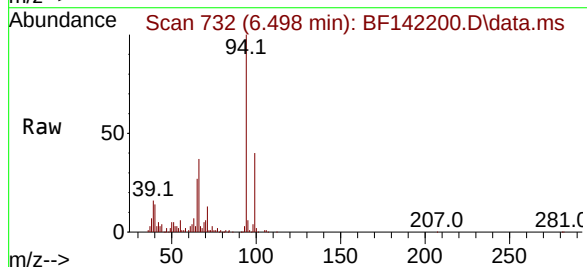
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

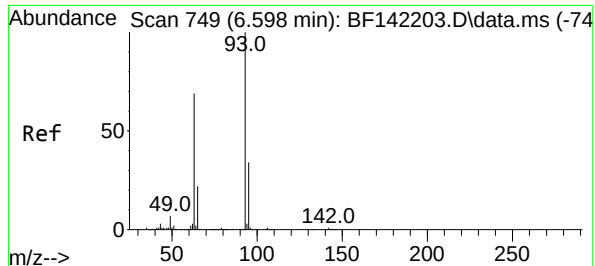
Tgt Ion: 77 Resp: 127940
Ion Ratio Lower Upper
77 100
105 106.1 84.4 124.4
106 100.4 80.3 120.3



#10
Phenol
Concen: 5.171 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 94 Resp: 209844
Ion Ratio Lower Upper
94 100
65 27.5 8.1 48.1
66 36.8 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 5.161 ng

RT: 6.593 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

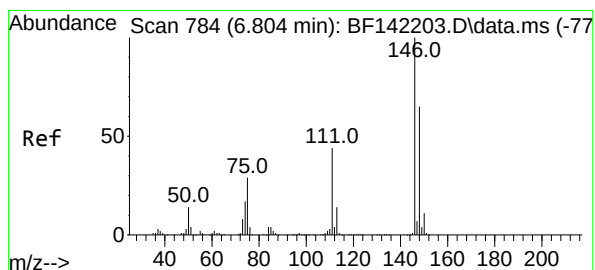
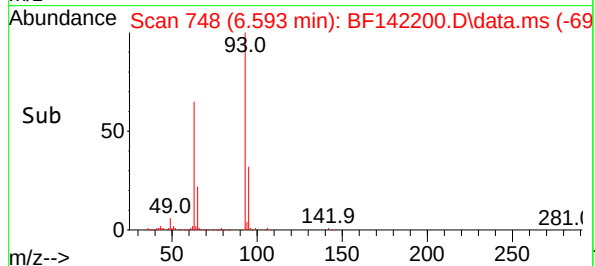
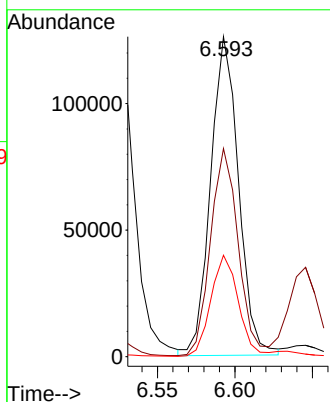
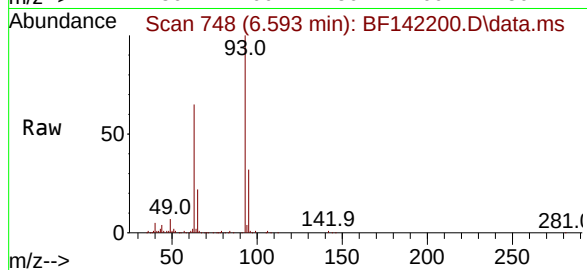
BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 157951

Ion	Ratio	Lower	Upper
93	100		
63	65.1	47.9	87.9
95	31.7	13.7	53.7



#12

1,3-Dichlorobenzene

Concen: 5.375 ng

RT: 6.804 min Scan# 784

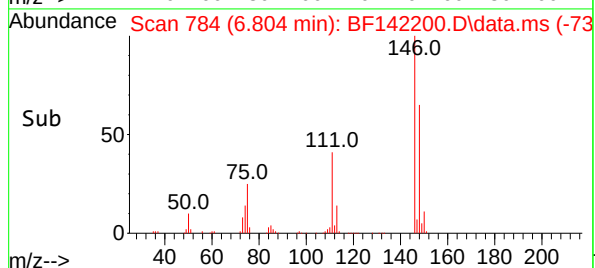
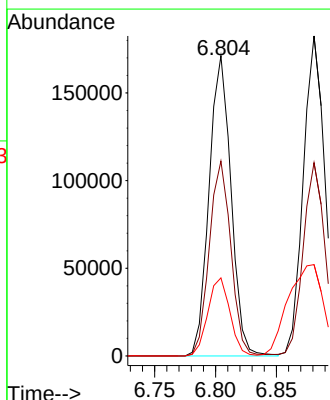
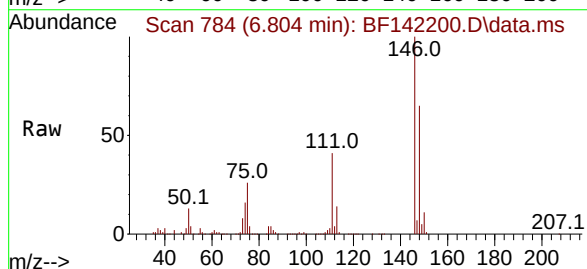
Delta R.T. 0.000 min

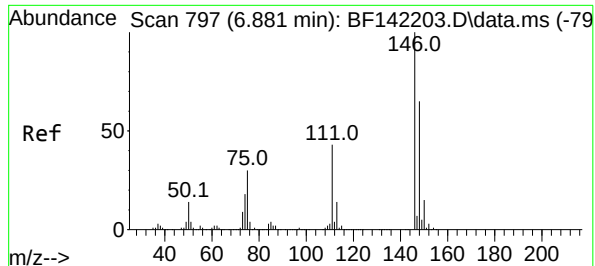
Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Tgt Ion: 146 Resp: 214223

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
75	26.0	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 5.598 ng

RT: 6.881 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

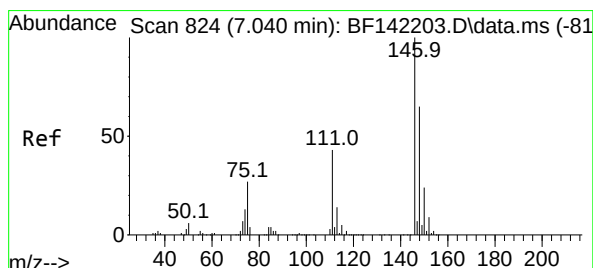
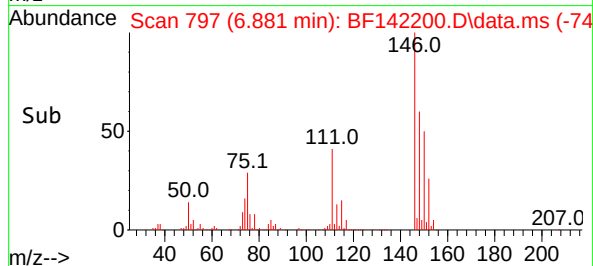
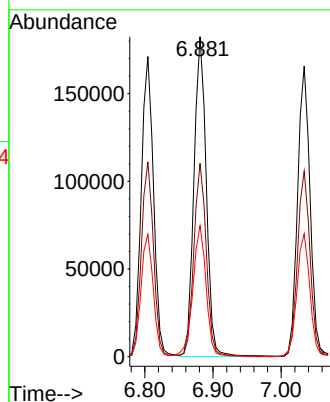
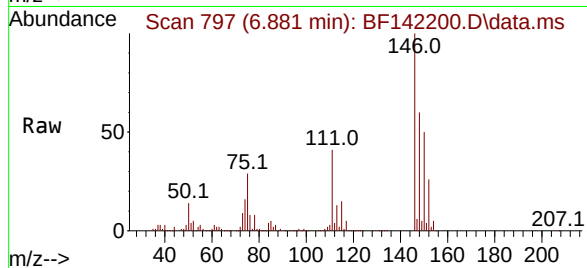
Tgt Ion:146 Resp: 228798

Ion Ratio Lower Upper

146 100

148 60.4 52.4 78.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 5.570 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

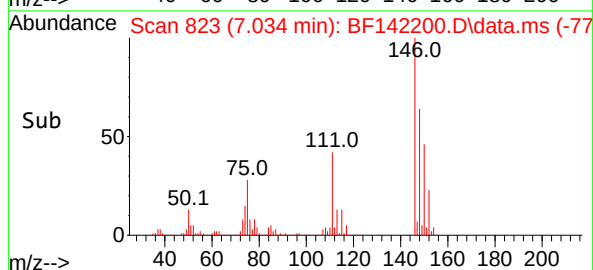
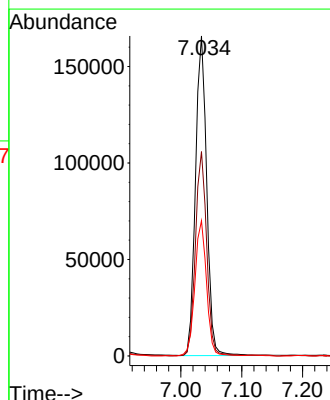
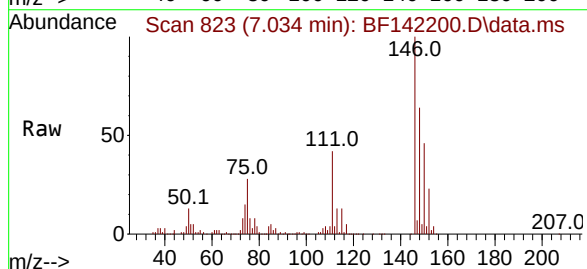
Tgt Ion:146 Resp: 211789

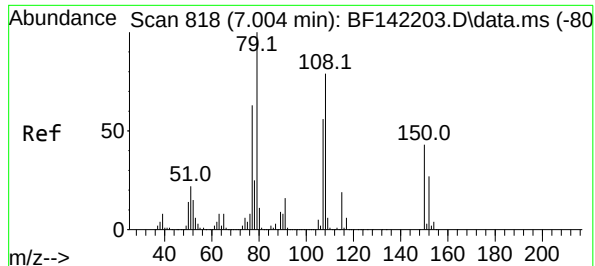
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

111 42.3 34.2 51.4





#15

Benzyl Alcohol

Concen: 4.804 ng

RT: 7.004 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

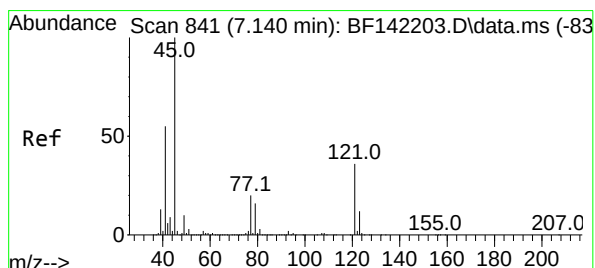
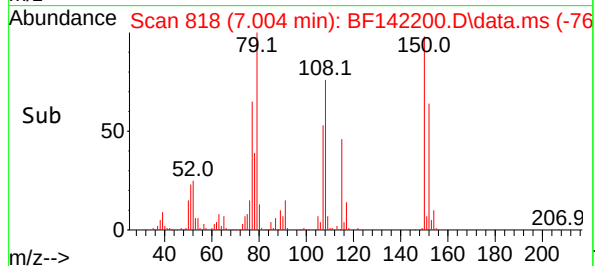
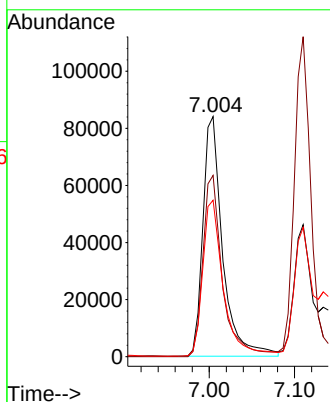
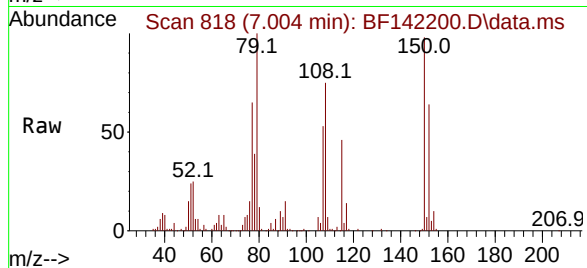
Tgt Ion: 79 Resp: 134779

Ion Ratio Lower Upper

79 100

108 75.5 63.1 94.7

77 65.2 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.326 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

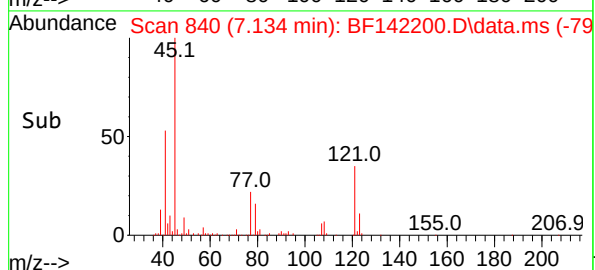
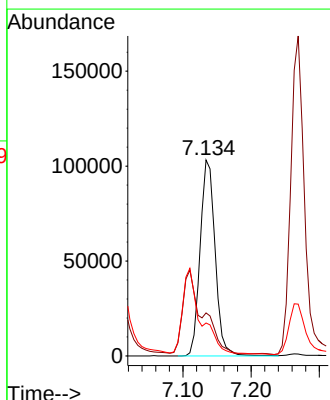
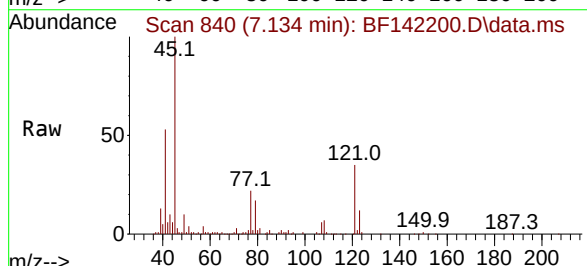
Tgt Ion: 45 Resp: 158001

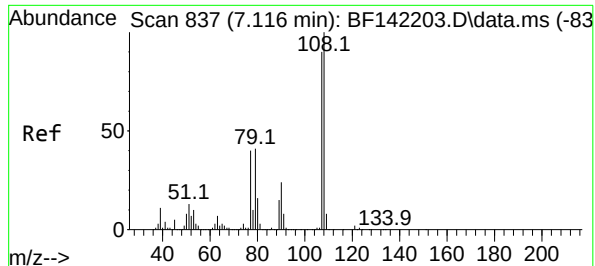
Ion Ratio Lower Upper

45 100

77 22.0 1.4 41.4

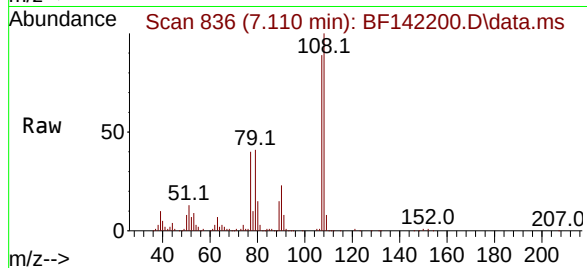
79 16.8 0.0 36.7



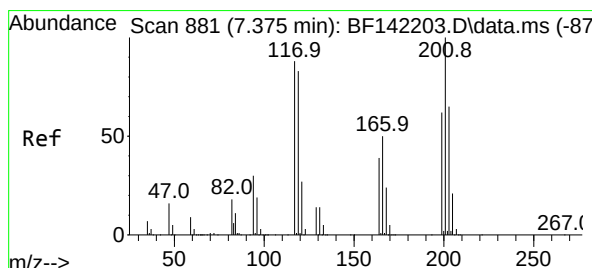
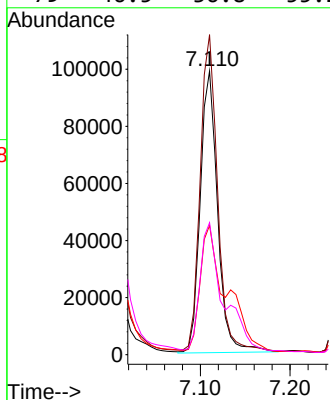
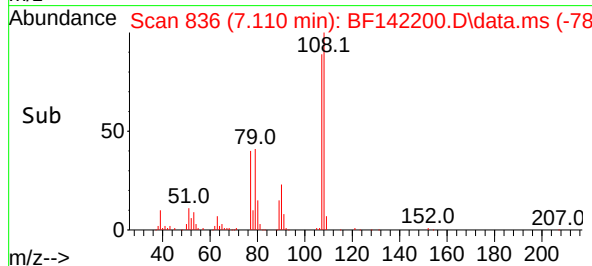


#17
2-Methylphenol
Concen: 5.021 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

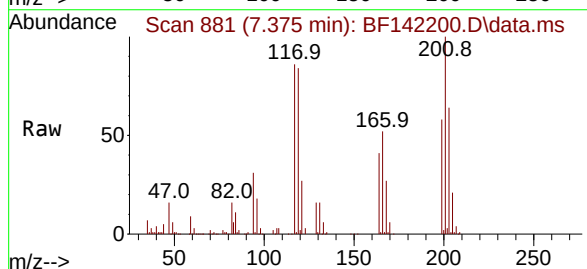
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



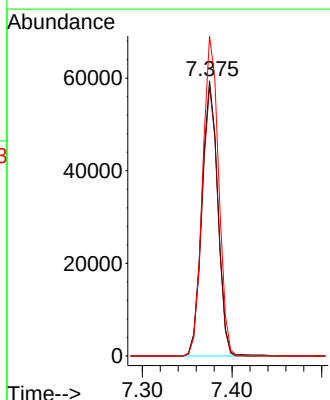
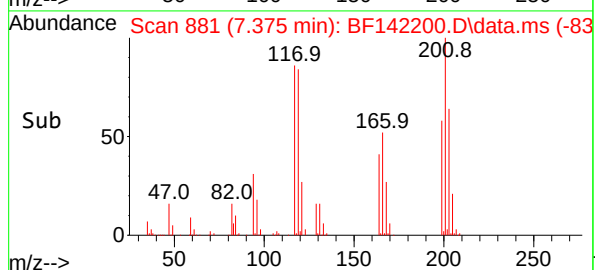
Tgt Ion:107 Resp: 132892
Ion Ratio Lower Upper
107 100
108 112.8 89.4 134.2
77 45.6 36.3 54.5
79 46.5 36.8 55.2

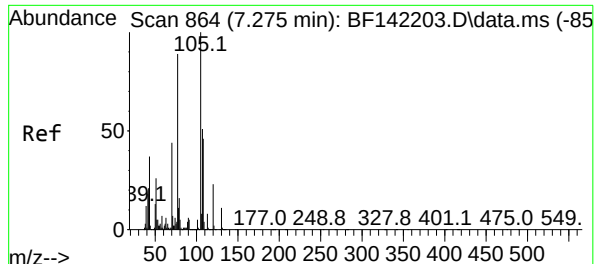


#18
Hexachloroethane
Concen: 5.280 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



Tgt Ion:117 Resp: 73311
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
201 116.4 91.4 137.0





#19

n-Nitroso-di-n-propylamine

Concen: 5.563 ng

RT: 7.263 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 121049

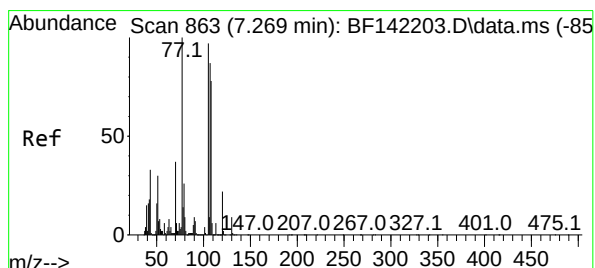
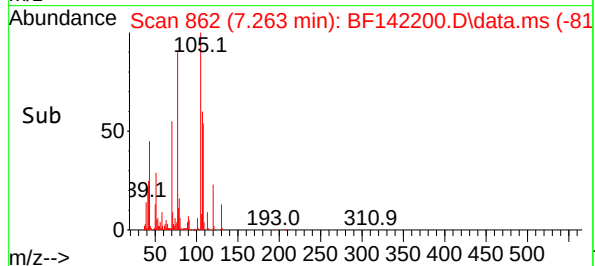
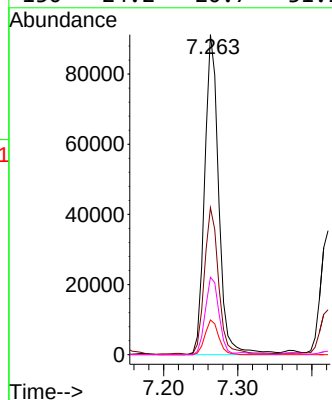
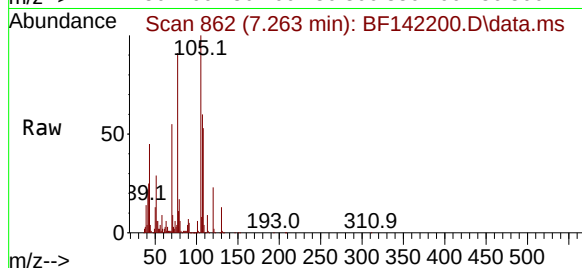
Ion Ratio Lower Upper

70 100

42 45.9 37.4 56.0

101 10.9 8.6 13.0

130 24.2 20.7 31.1



#20

3+4-Methylphenols

Concen: 5.225 ng

RT: 7.263 min Scan# 862

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Tgt Ion: 107 Resp: 172011

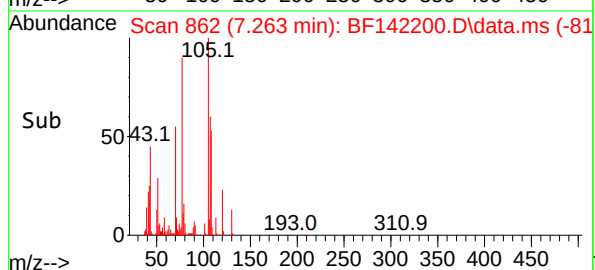
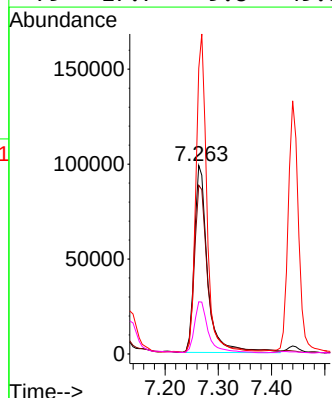
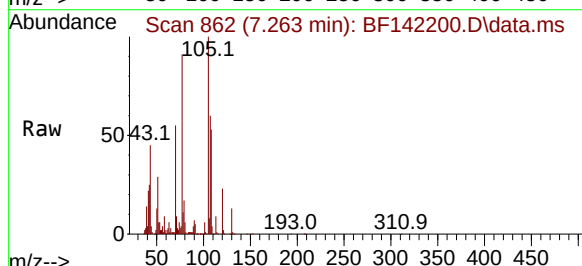
Ion Ratio Lower Upper

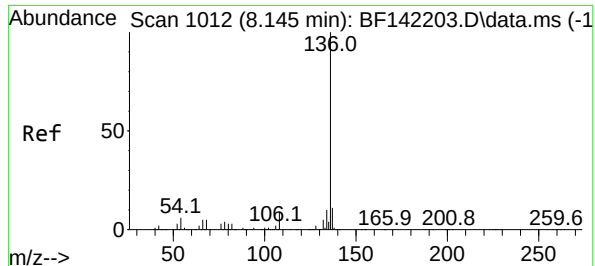
107 100

108 89.5 69.8 109.8

77 151.5 94.5 134.5#

79 27.7 9.8 49.8

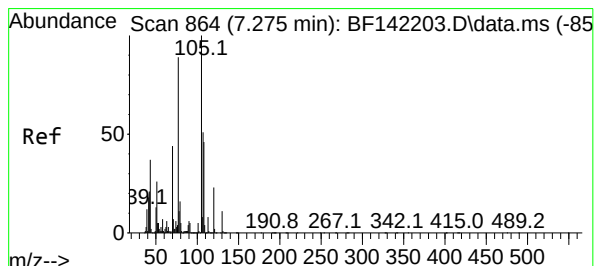
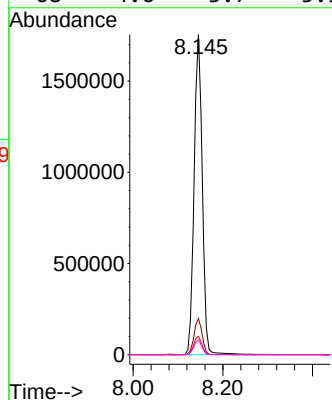
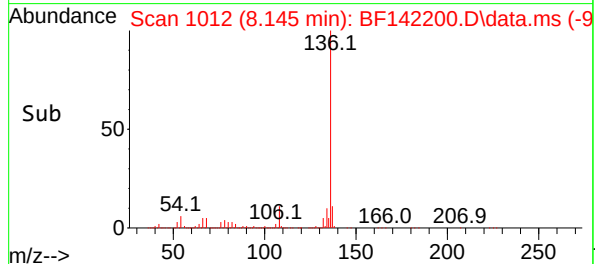
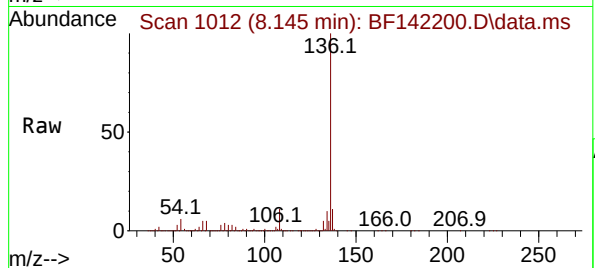




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

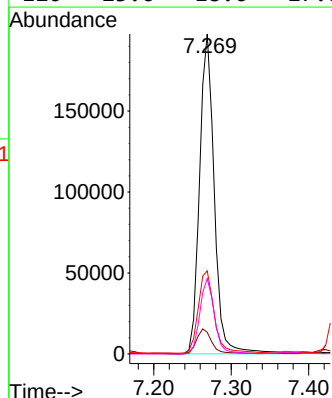
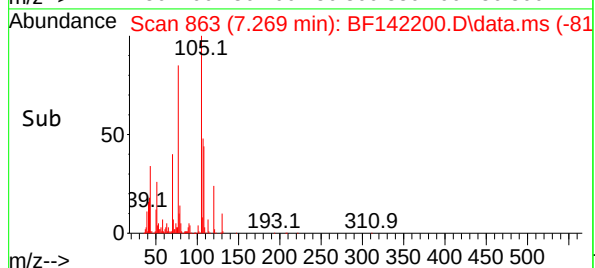
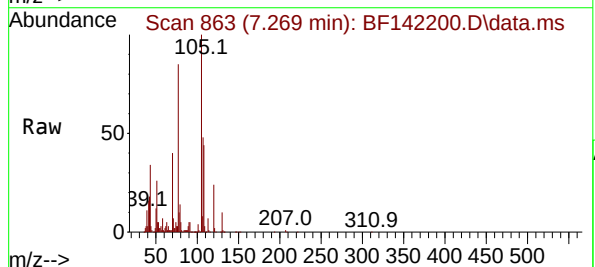
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

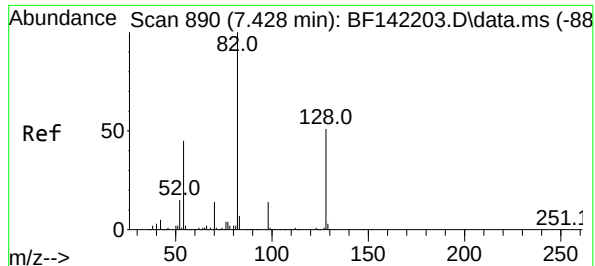
Tgt Ion:136 Resp: 2219115
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.8 4.7 7.1
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 5.327 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:105 Resp: 259474
Ion Ratio Lower Upper
105 100
71 6.8 5.8 8.8
51 26.0 20.9 31.3
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 10.159 ng

RT: 7.422 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

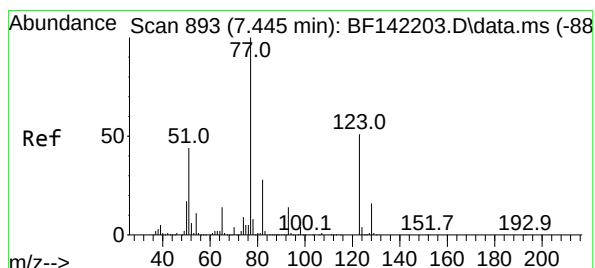
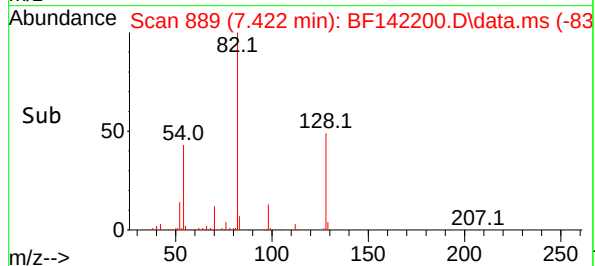
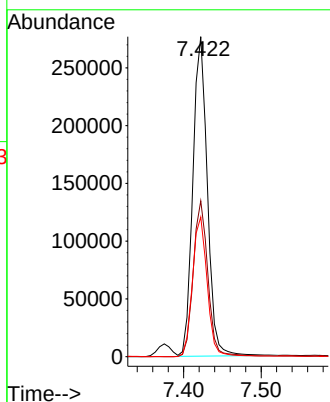
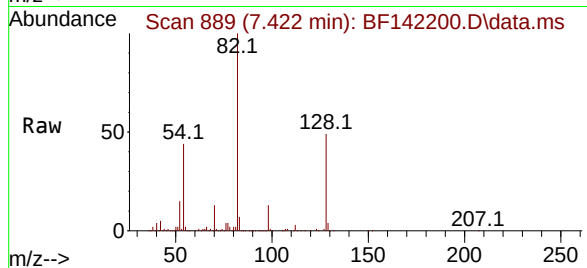
Tgt Ion: 82 Resp: 358961

Ion Ratio Lower Upper

82 100

128 48.7 40.2 60.2

54 43.6 35.5 53.3



#24

Nitrobenzene

Concen: 5.038 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

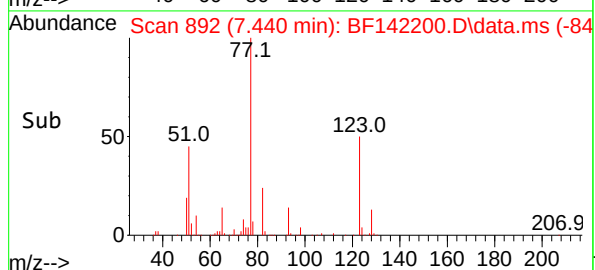
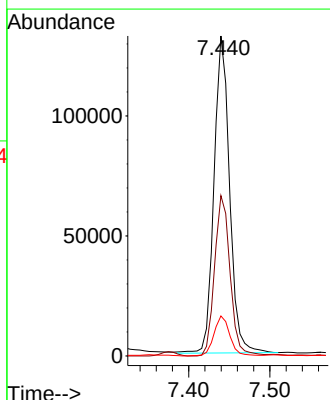
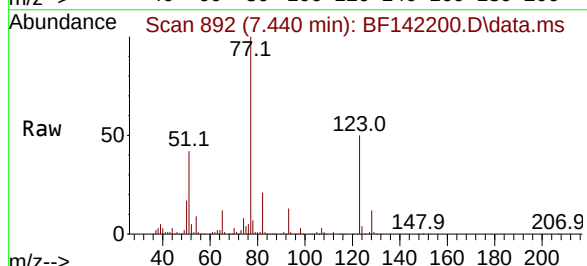
Tgt Ion: 77 Resp: 176344

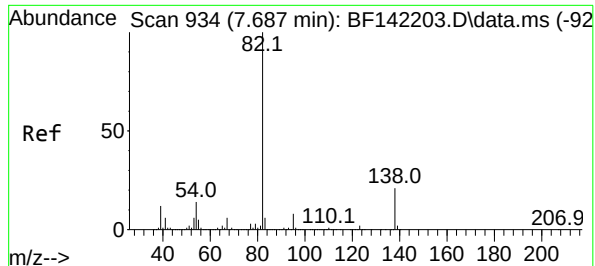
Ion Ratio Lower Upper

77 100

123 50.1 40.7 61.1

65 12.5 10.9 16.3

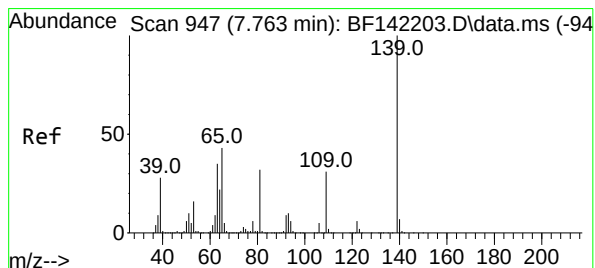
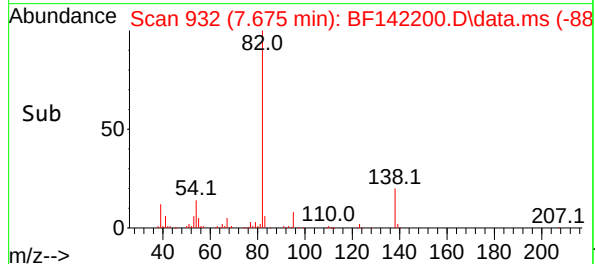
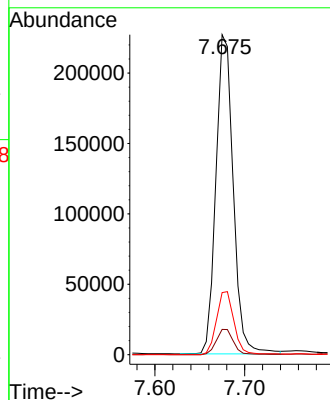
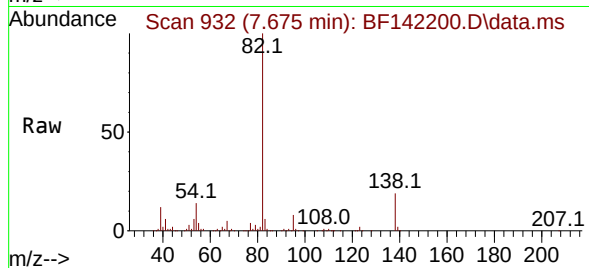




#25
Isophorone
Concen: 5.131 ng
RT: 7.675 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

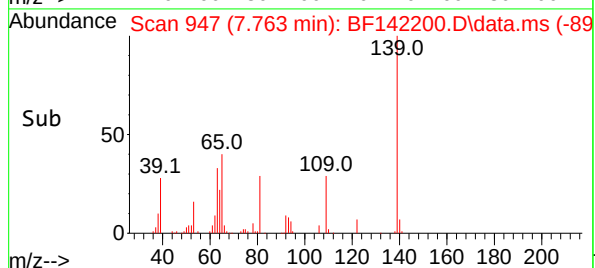
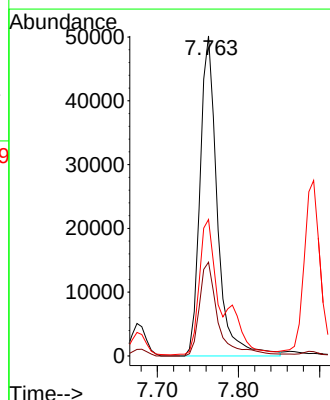
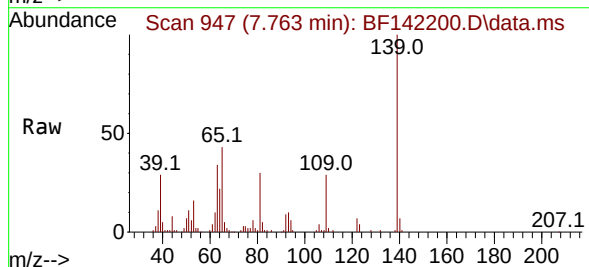
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

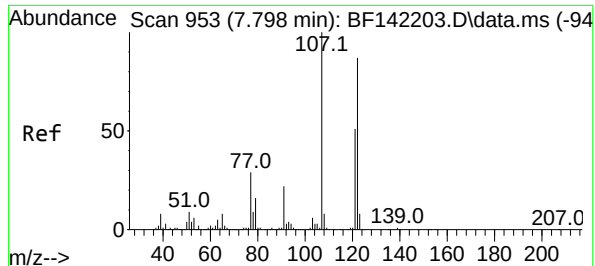
Tgt Ion: 82 Resp: 304315
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 19.4 16.9 25.3



#26
2-Nitrophenol
Concen: 4.035 ng
RT: 7.763 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 139 Resp: 74239
Ion Ratio Lower Upper
139 100
109 29.3 24.4 36.6
65 42.6 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 4.654 ng

RT: 7.793 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

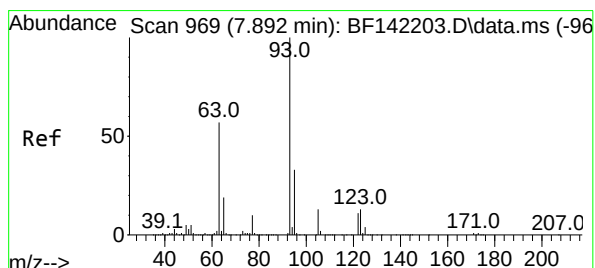
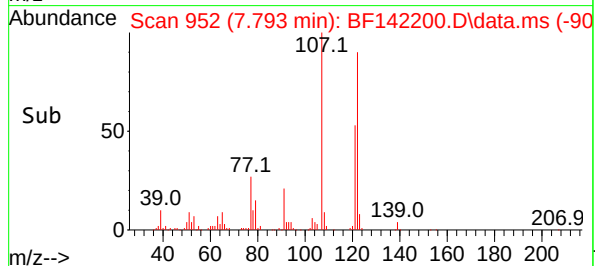
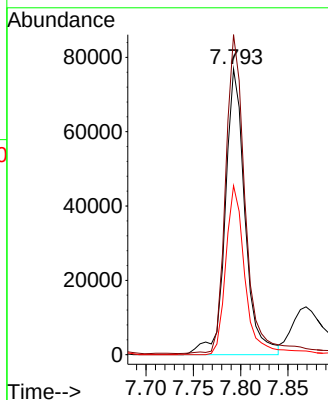
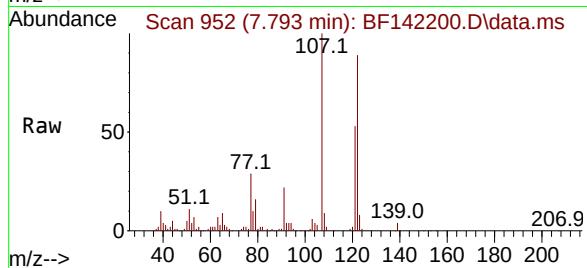
Tgt Ion:122 Resp: 111344

Ion Ratio Lower Upper

122 100

107 112.0 91.6 137.4

121 59.1 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 5.105 ng

RT: 7.893 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

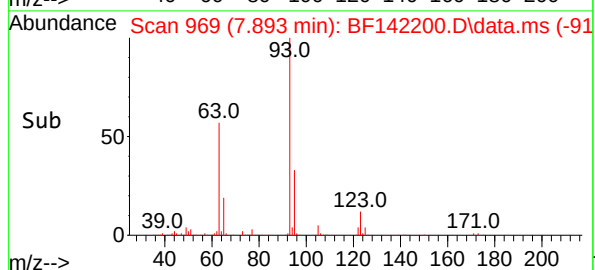
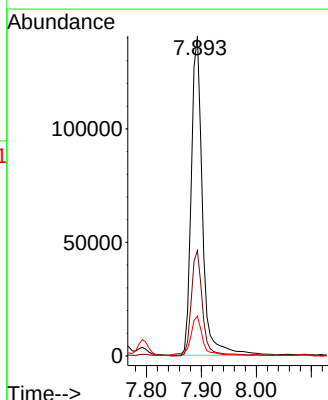
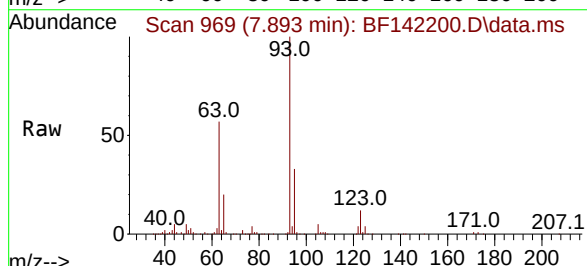
Tgt Ion: 93 Resp: 198731

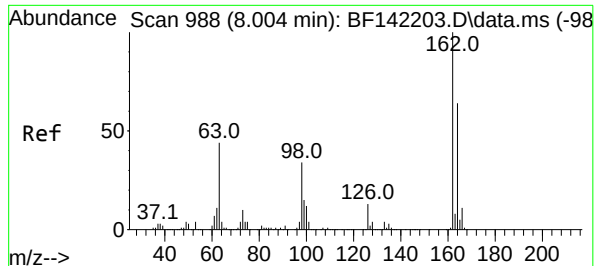
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 12.4 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 4.784 ng

RT: 8.004 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

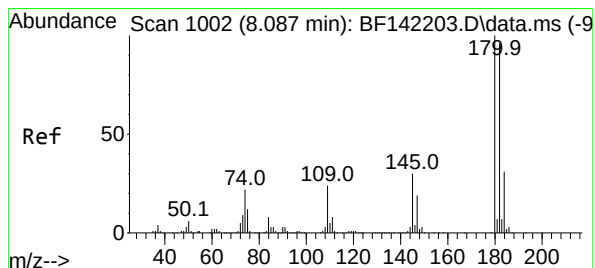
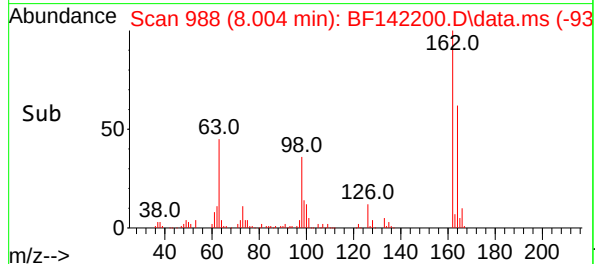
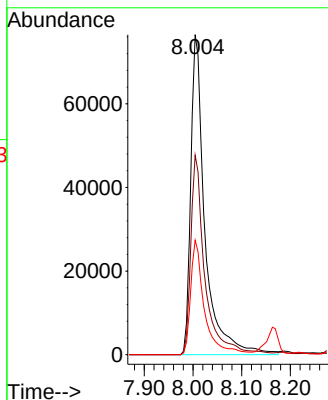
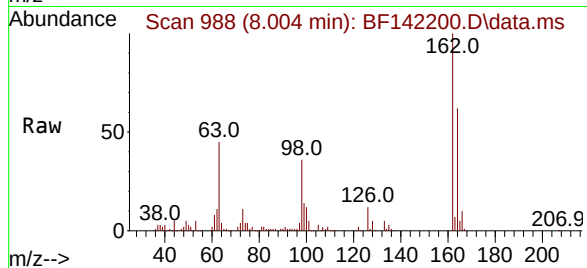
Tgt Ion:162 Resp: 155675

Ion Ratio Lower Upper

162 100

164 62.4 44.2 84.2

98 35.8 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 5.280 ng

RT: 8.087 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

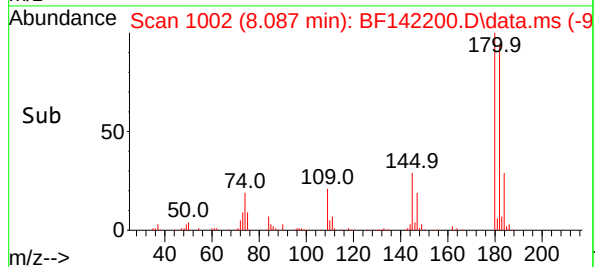
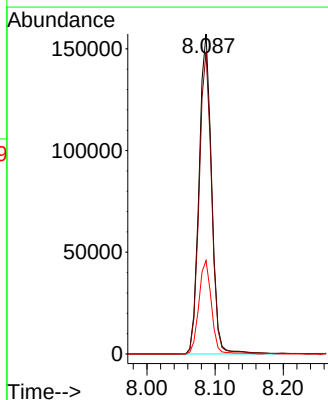
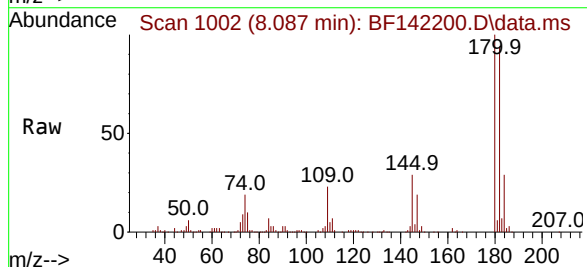
Tgt Ion:180 Resp: 200906

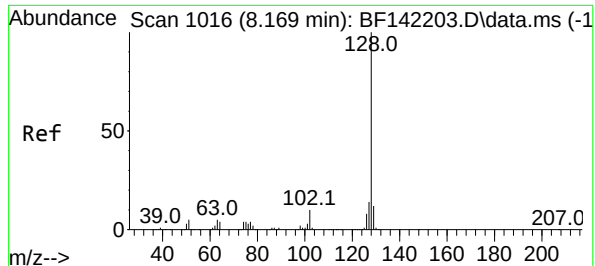
Ion Ratio Lower Upper

180 100

182 94.3 77.0 115.4

145 29.2 24.3 36.5

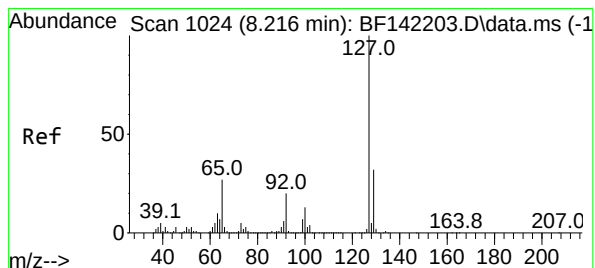
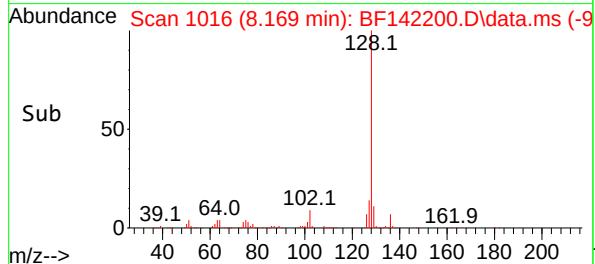
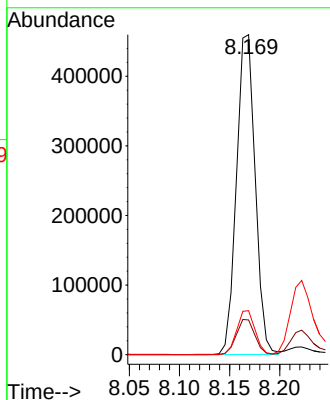
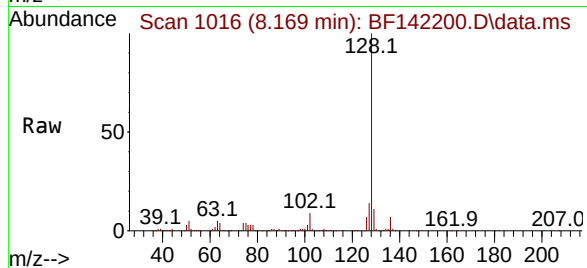




#31
Naphthalene
Concen: 5.710 ng
RT: 8.169 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

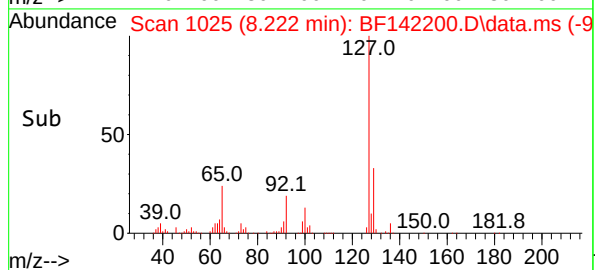
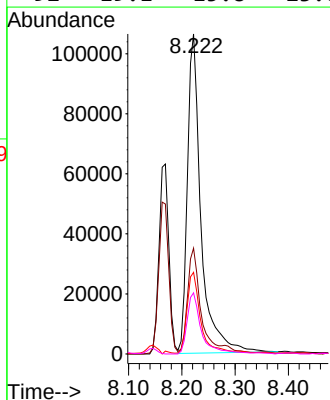
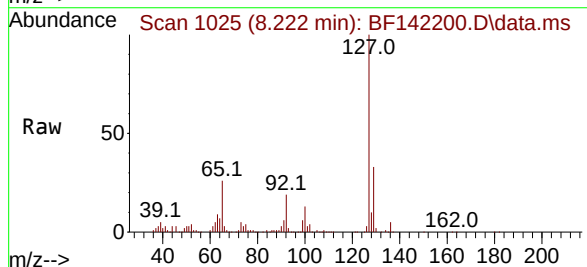
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

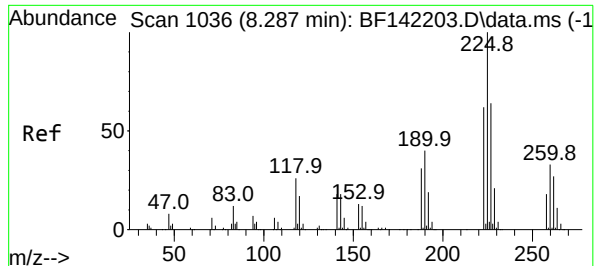
Tgt Ion:128 Resp: 598543
Ion Ratio Lower Upper
128 100
129 10.9 9.6 14.4
127 13.8 11.4 17.0



#33
4-Chloroaniline
Concen: 4.980 ng
RT: 8.222 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:127 Resp: 189026
Ion Ratio Lower Upper
127 100
129 33.0 25.9 38.9
65 25.5 21.8 32.6
92 19.1 15.8 23.6

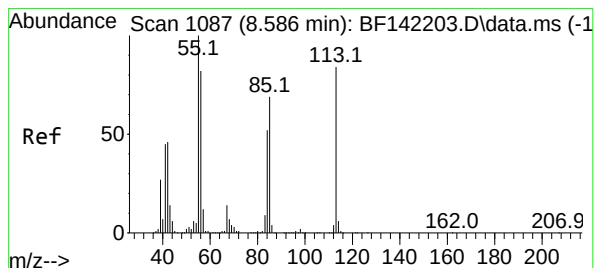
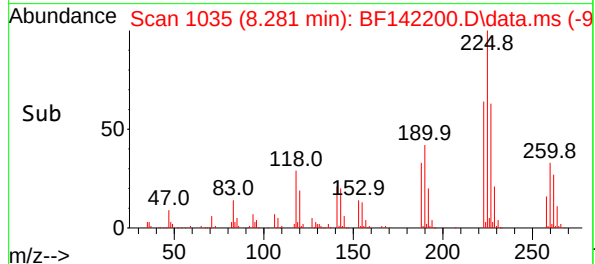
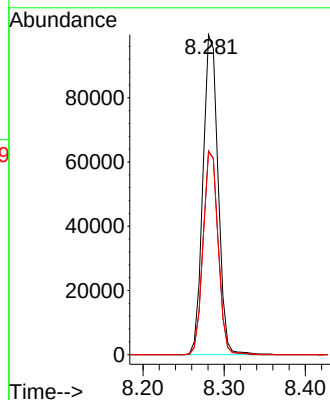
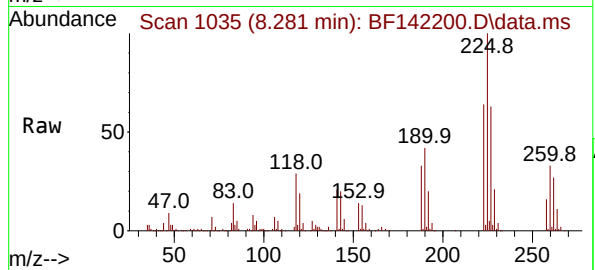




#34
Hexachlorobutadiene
Concen: 5.127 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

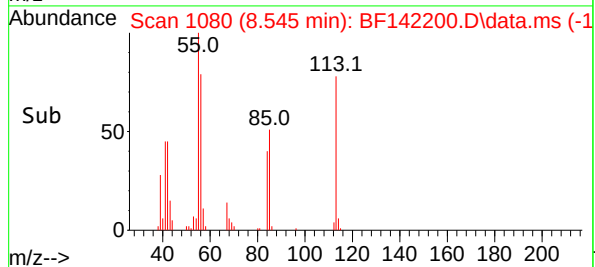
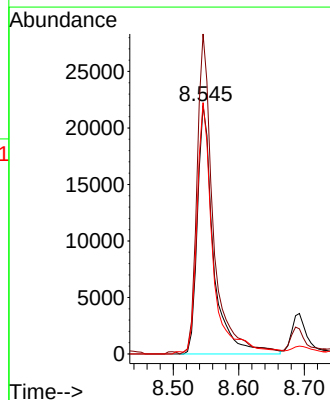
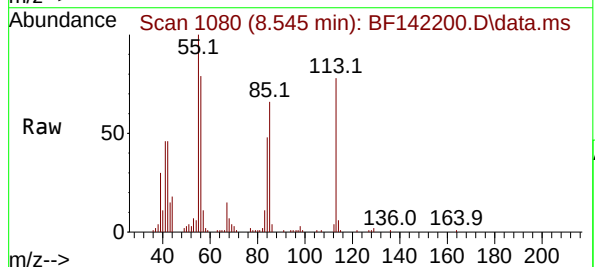
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

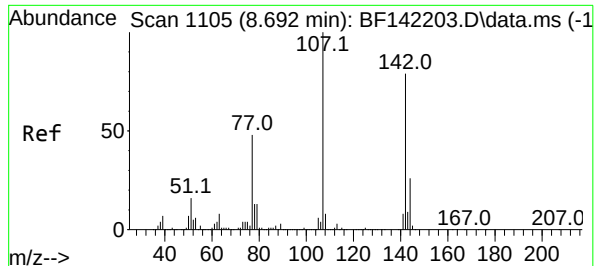
Tgt Ion:225 Resp: 128740
Ion Ratio Lower Upper
225 100
223 63.7 49.4 74.2
227 63.4 51.4 77.2



#35
Caprolactam
Concen: 4.331 ng
RT: 8.545 min Scan# 1080
Delta R.T. -0.041 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:113 Resp: 37599
Ion Ratio Lower Upper
113 100
55 128.8 99.5 139.5
56 101.2 78.1 118.1

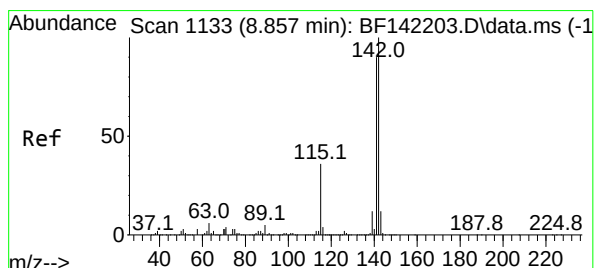
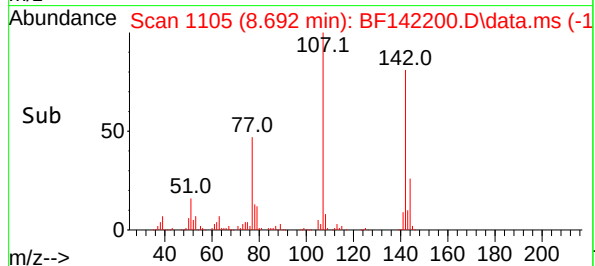
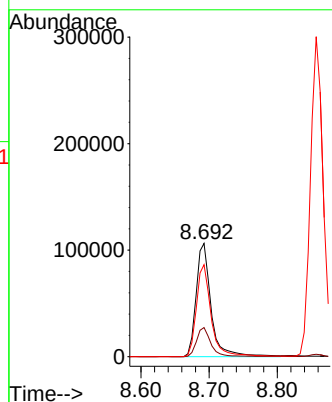
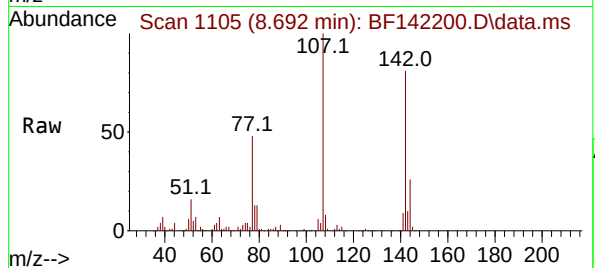




#36
4-Chloro-3-methylphenol
Concen: 4.945 ng
RT: 8.692 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

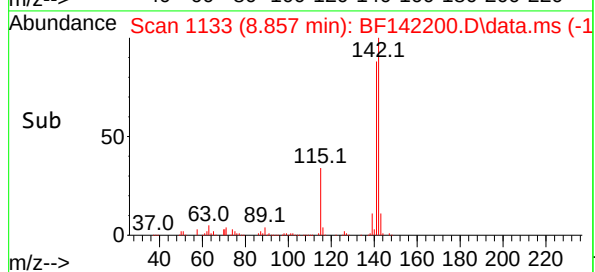
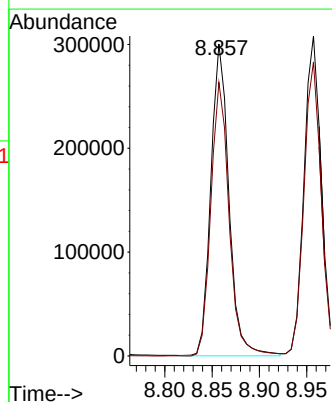
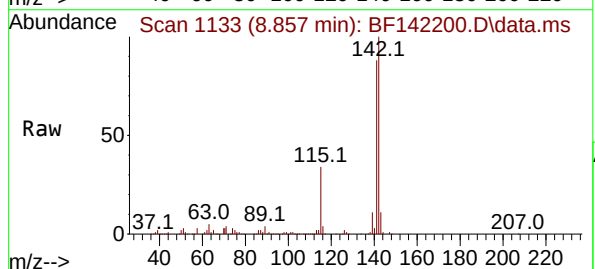
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

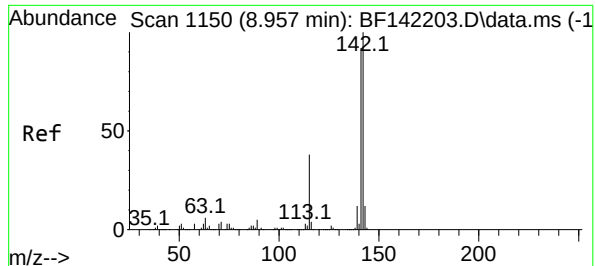
Tgt Ion:107 Resp: 161981
Ion Ratio Lower Upper
107 100
144 25.7 20.6 30.8
142 81.3 63.2 94.8



#37
2-Methylnaphthalene
Concen: 5.512 ng
RT: 8.857 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:142 Resp: 399299
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9

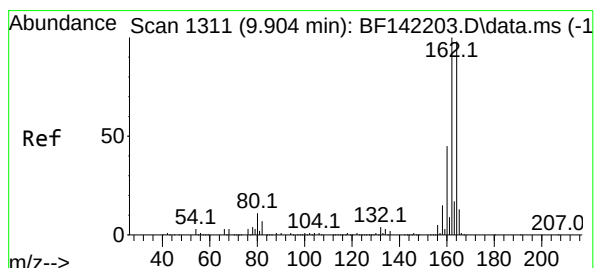
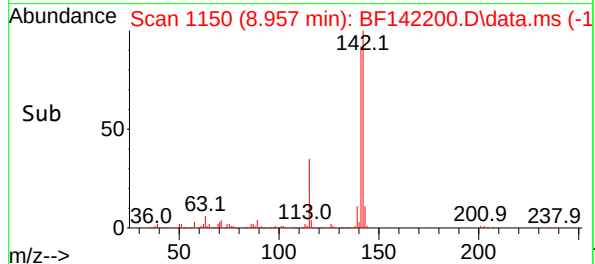
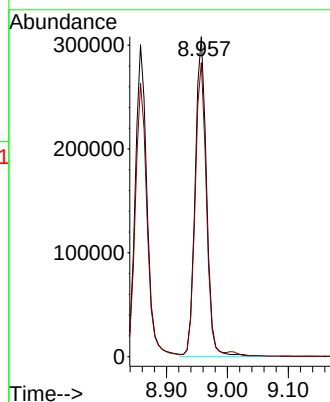
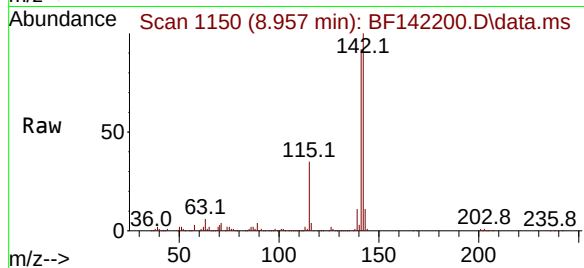




#38
1-Methylnaphthalene
Concen: 5.667 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

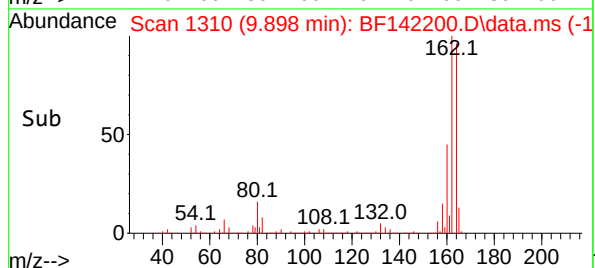
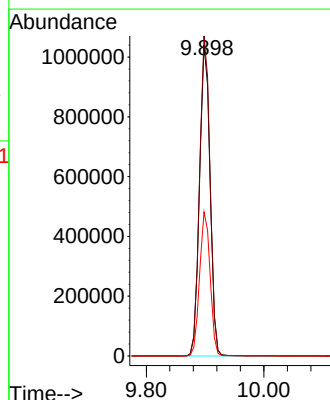
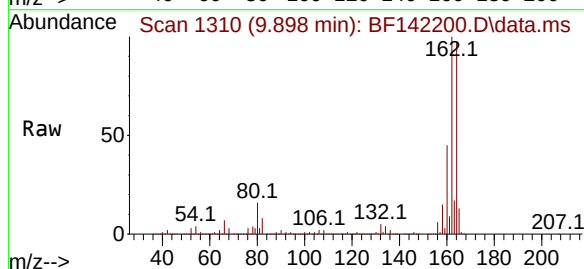
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

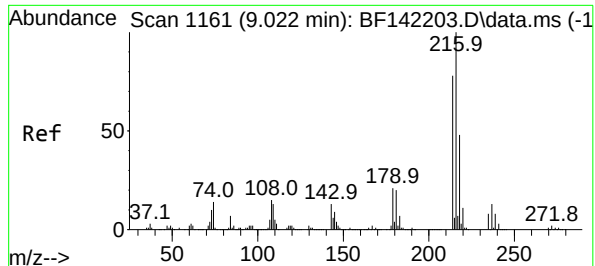
Tgt Ion:142 Resp: 397511
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:164 Resp: 1288428
Ion Ratio Lower Upper
164 100
162 102.8 81.9 122.9
160 46.3 36.8 55.2

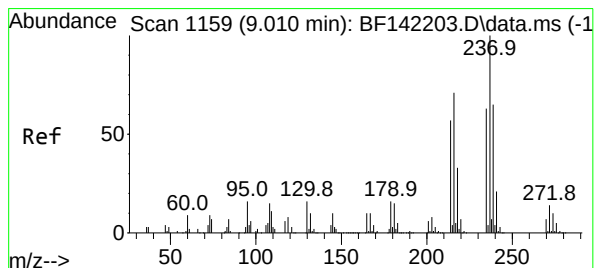
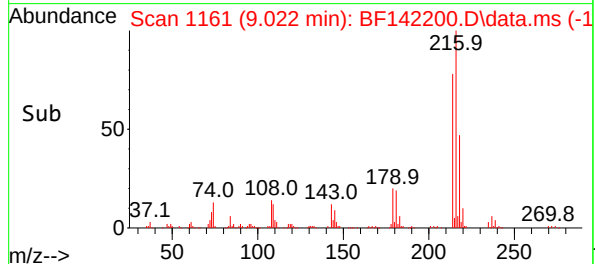
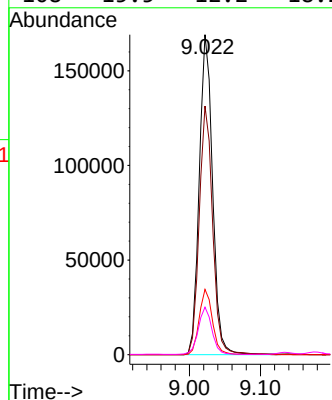
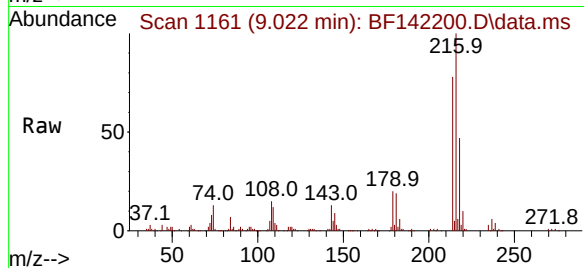




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.248 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

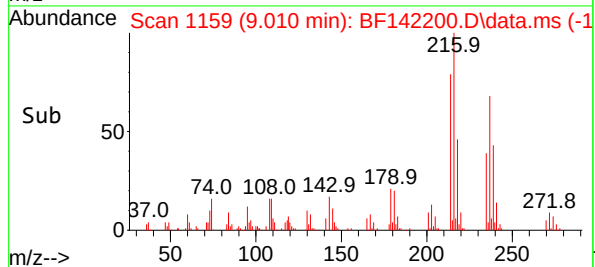
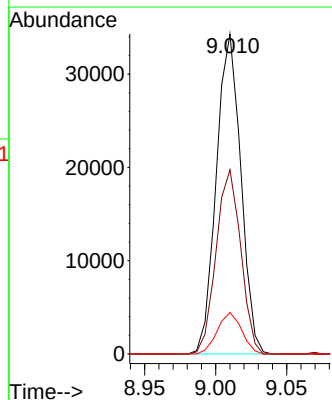
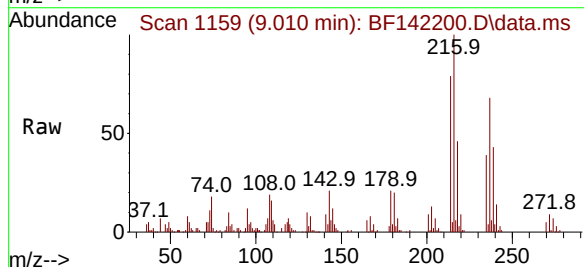
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

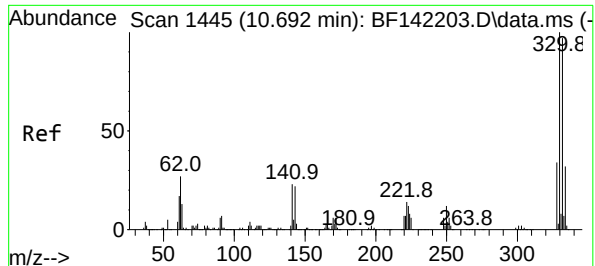
Tgt Ion:	216	Resp:	221255
Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.7	94.1
179	20.4	16.7	25.1
108	15.5	12.2	18.2



#41
Hexachlorocyclopentadiene
Concen: 3.182 ng
RT: 9.010 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:	237	Resp:	41135
Ion	Ratio	Lower	Upper
237	100		
235	57.6	42.6	82.6
272	12.9	0.0	33.6





#42

2,4,6-Tribromophenol

Concen: 9.010 ng

RT: 10.686 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

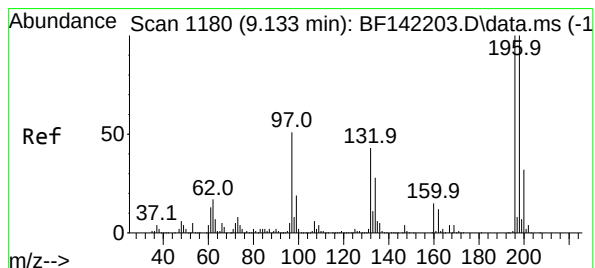
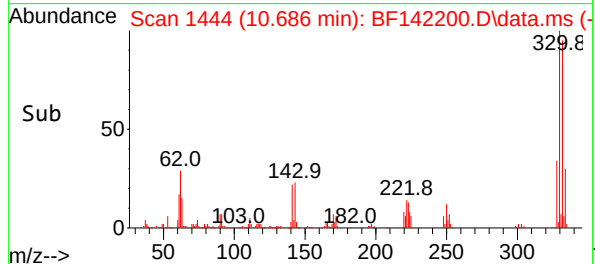
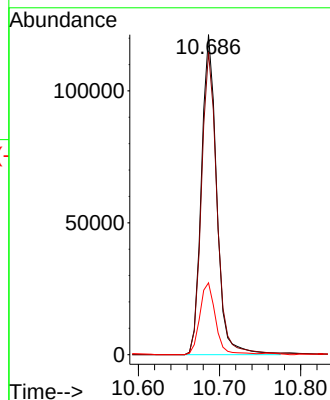
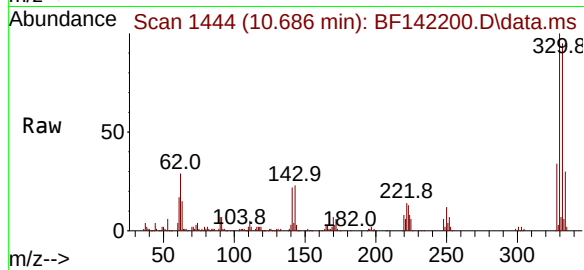
Tgt Ion:330 Resp: 158726

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 23.1 18.9 28.3



#43

2,4,6-Trichlorophenol

Concen: 4.404 ng

RT: 9.134 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

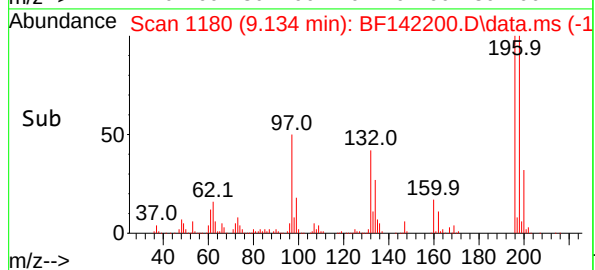
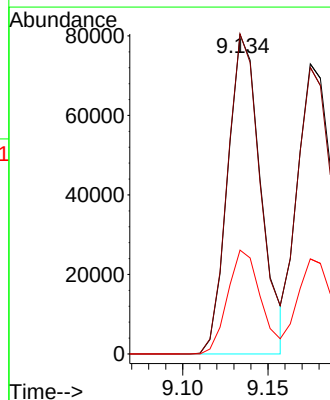
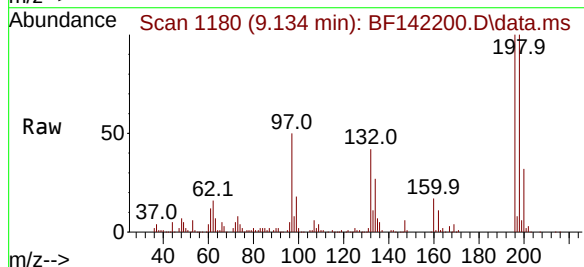
Tgt Ion:196 Resp: 108394

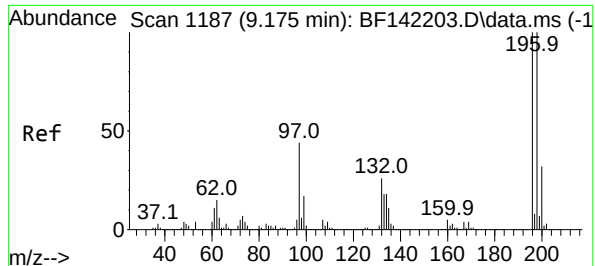
Ion Ratio Lower Upper

196 100

198 100.2 80.0 120.0

200 32.5 25.6 38.4





#44

2,4,5-Trichlorophenol

Concen: 4.606 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 121505

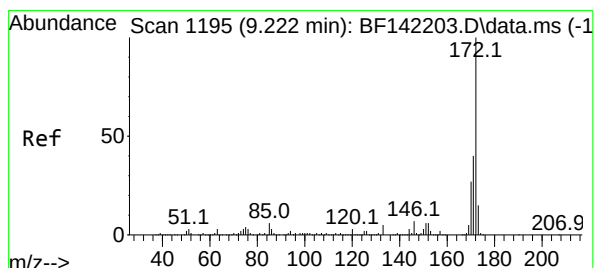
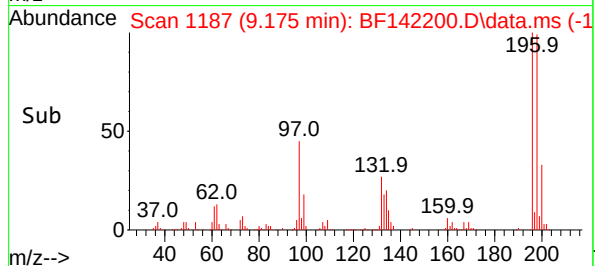
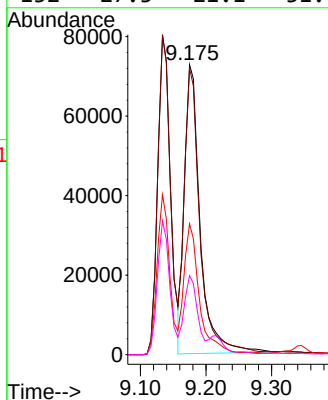
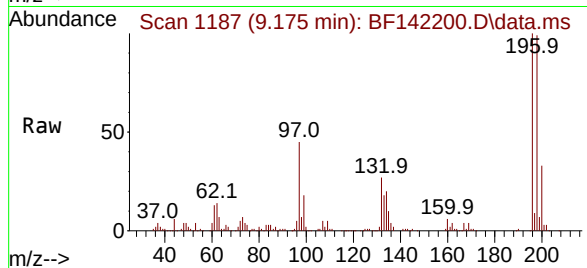
Ion Ratio Lower Upper

196 100

198 98.8 80.0 120.0

97 45.1 35.9 53.9

132 27.3 21.1 31.7



#45

2-Fluorobiphenyl

Concen: 12.112 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

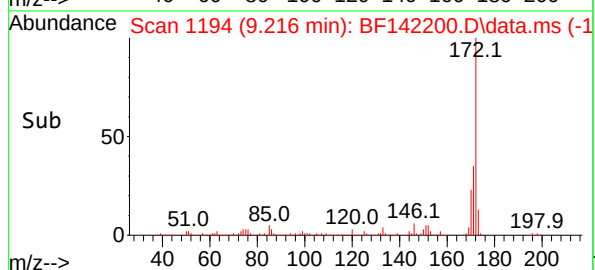
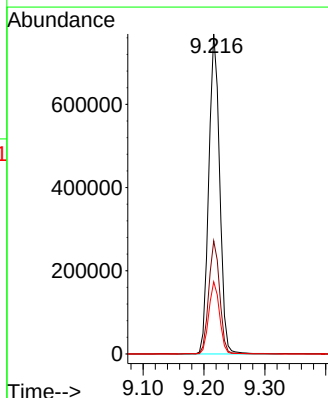
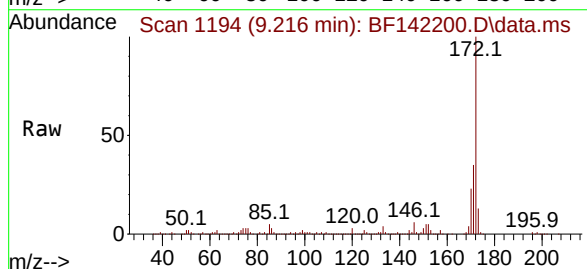
Tgt Ion:172 Resp: 957449

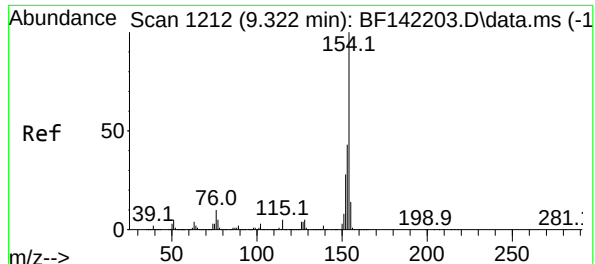
Ion Ratio Lower Upper

172 100

171 35.3 32.1 48.1

170 22.5 21.4 32.0





#46

1,1'-Biphenyl

Concen: 5.698 ng

RT: 9.322 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

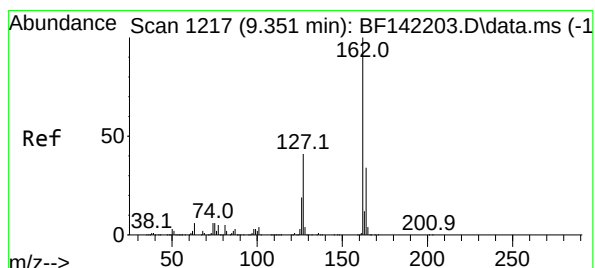
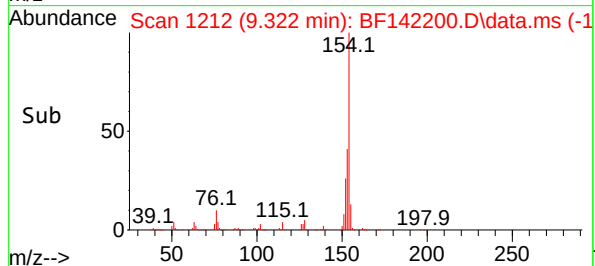
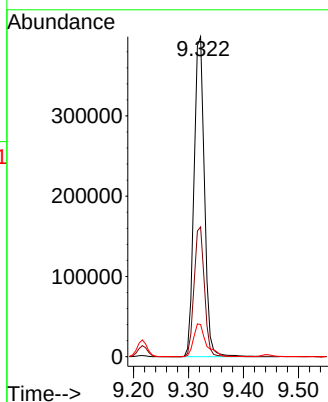
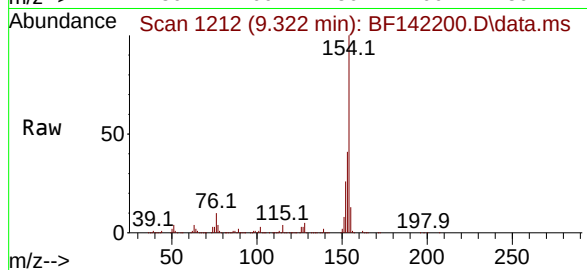
Tgt Ion:154 Resp: 526398

Ion Ratio Lower Upper

154 100

153 40.6 22.5 62.5

76 10.1 0.0 30.4



#47

2-Chloronaphthalene

Concen: 5.501 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

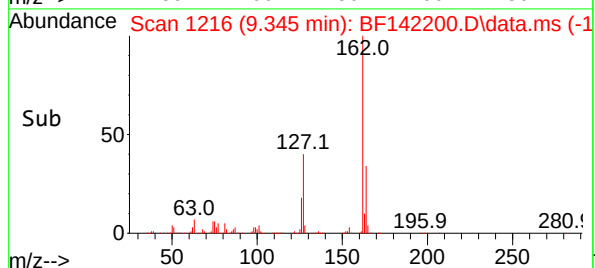
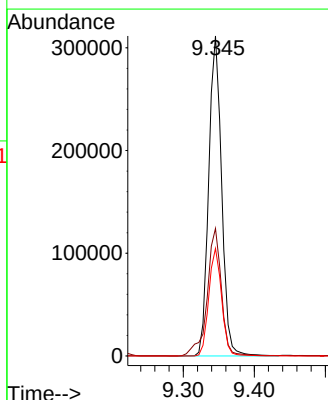
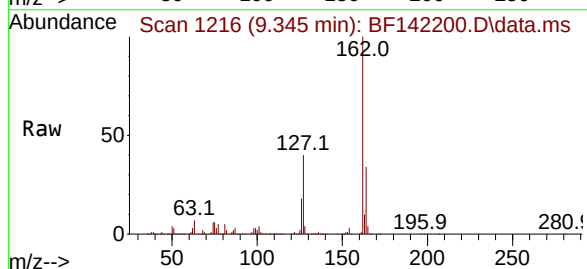
Tgt Ion:162 Resp: 394472

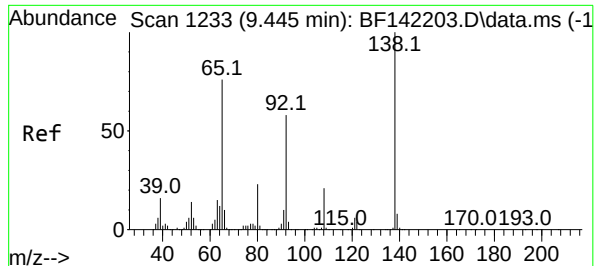
Ion Ratio Lower Upper

162 100

127 39.8 33.1 49.7

164 33.6 27.1 40.7

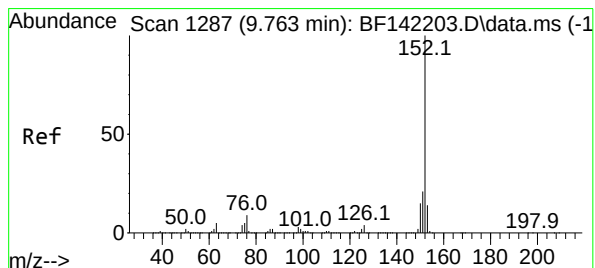
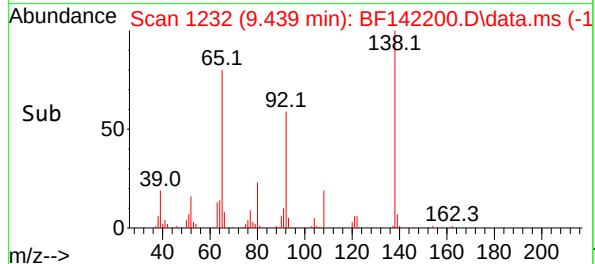
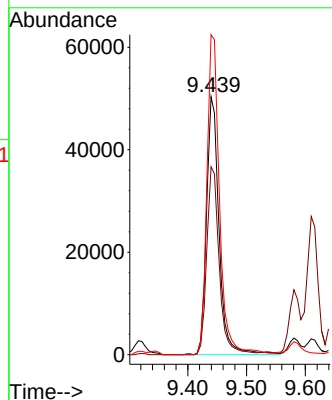
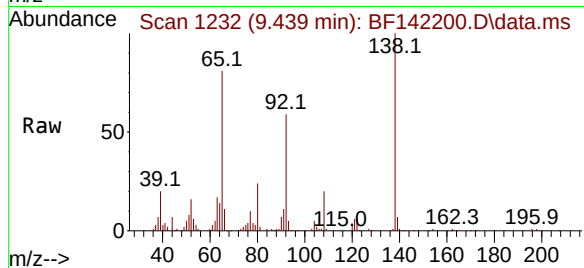




#48
2-Nitroaniline
Concen: 4.442 ng
RT: 9.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

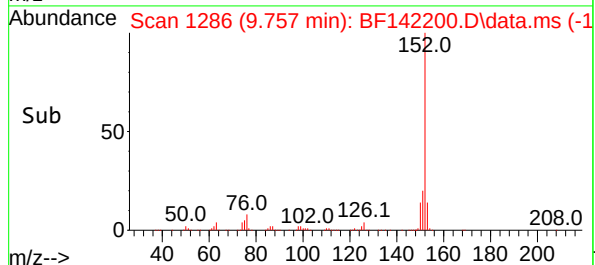
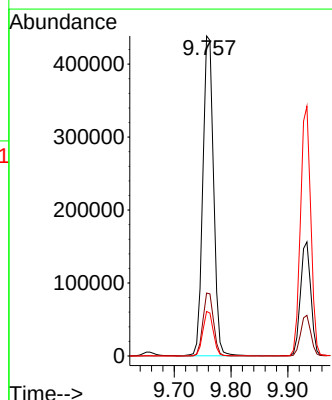
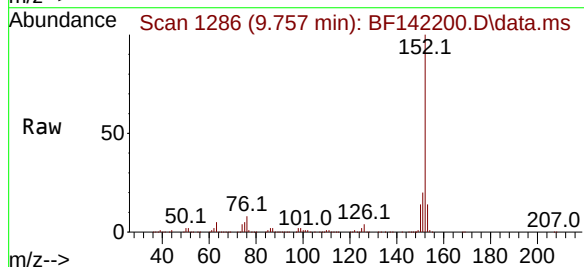
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

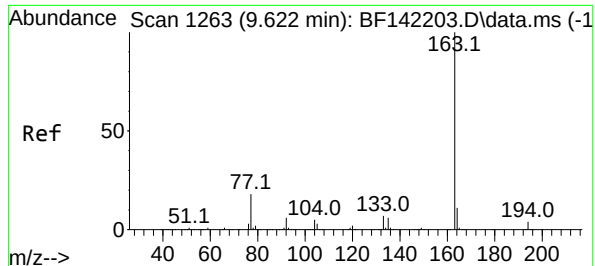
Tgt Ion: 65 Resp: 74673
Ion Ratio Lower Upper
65 100
92 72.8 61.4 92.0
138 124.1 105.8 158.6



#49
Acenaphthylene
Concen: 5.688 ng
RT: 9.757 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 152 Resp: 576525
Ion Ratio Lower Upper
152 100
151 19.7 16.9 25.3
153 13.9 11.6 17.4

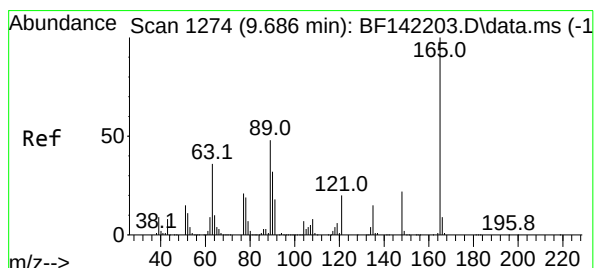
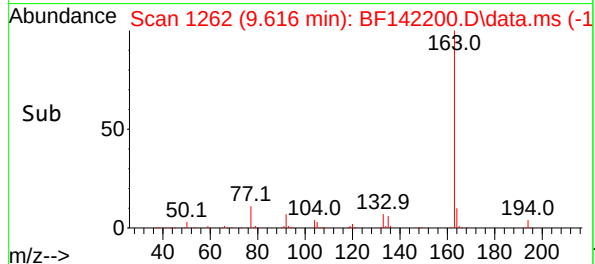
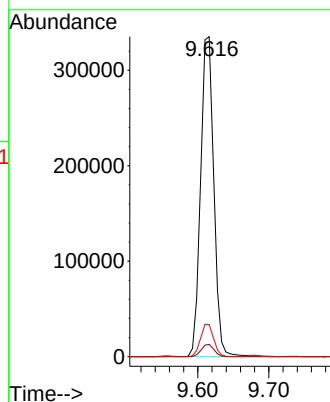
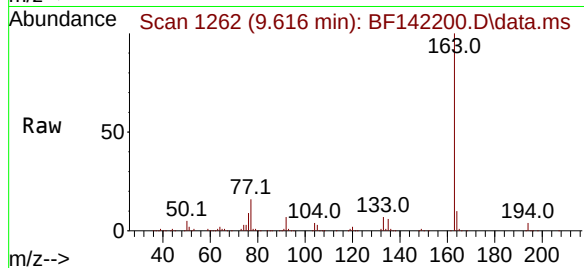




#50
Dimethylphthalate
Concen: 5.271 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

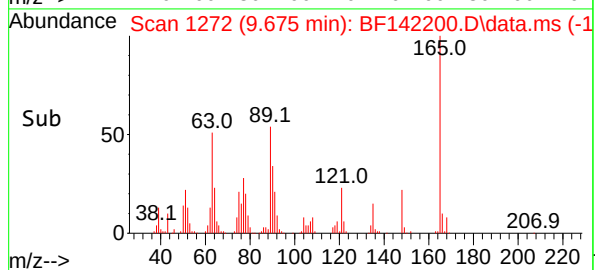
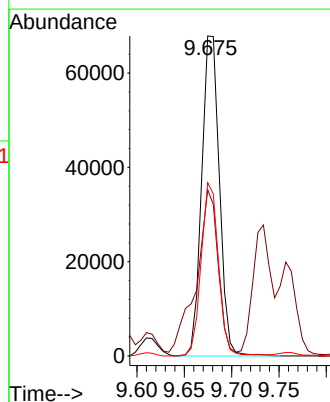
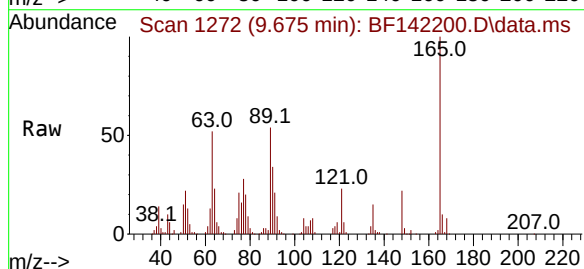
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

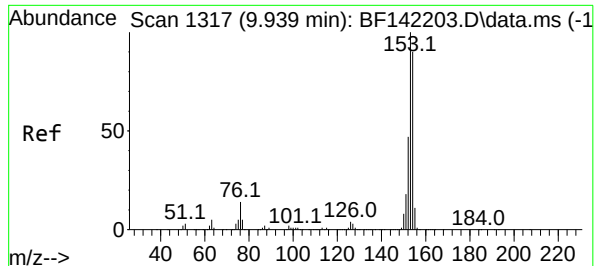
Tgt Ion:163 Resp: 435410
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 4.751 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:165 Resp: 88114
Ion Ratio Lower Upper
165 100
63 51.9 35.4 53.2
89 54.1 38.6 58.0

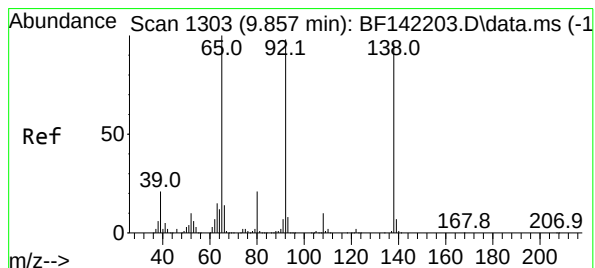
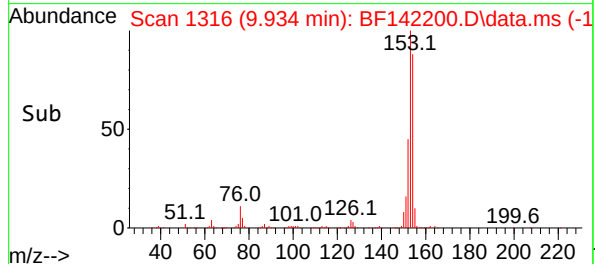
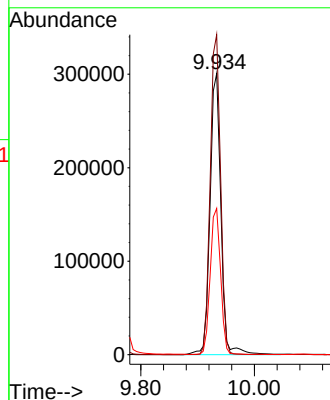
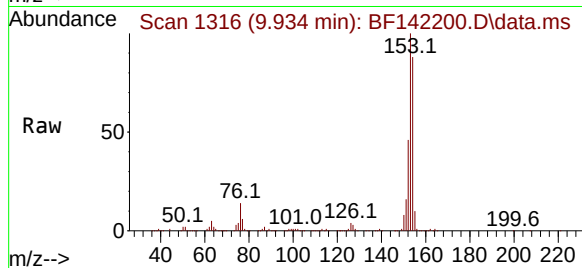




#52
Acenaphthene
Concen: 5.423 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

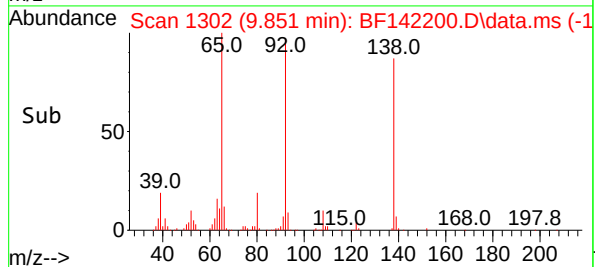
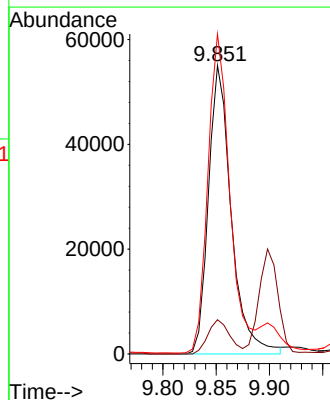
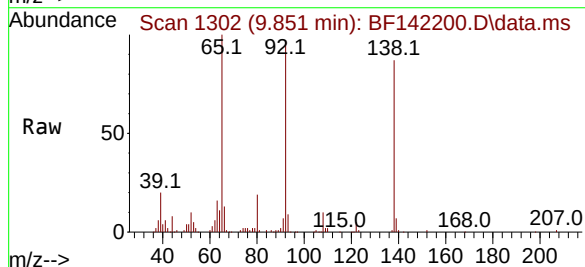
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

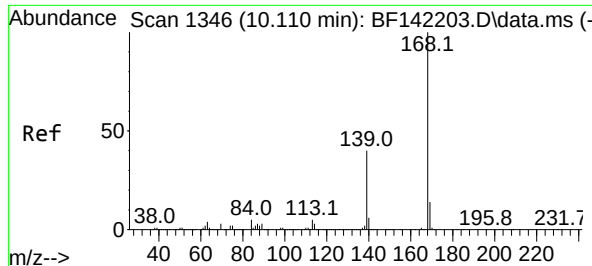
Tgt Ion:154 Resp: 396120
Ion Ratio Lower Upper
154 100
153 113.8 89.0 133.4
152 52.0 41.8 62.8



#53
3-Nitroaniline
Concen: 4.606 ng
RT: 9.851 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:138 Resp: 81852
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 110.9 81.8 122.8





#55

Dibenzenofuran

Concen: 5.768 ng

RT: 10.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

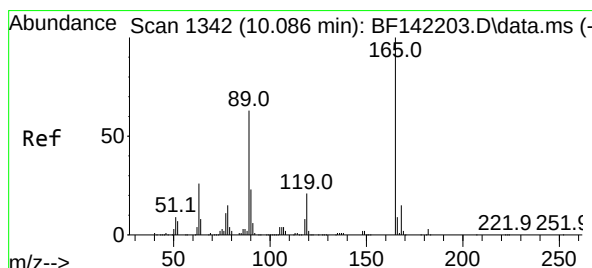
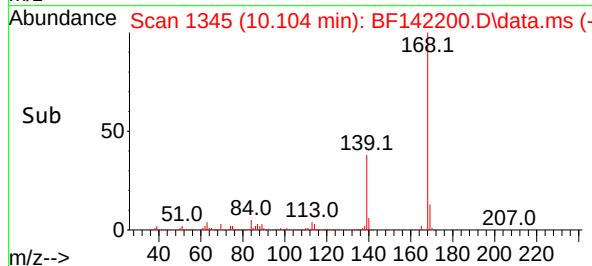
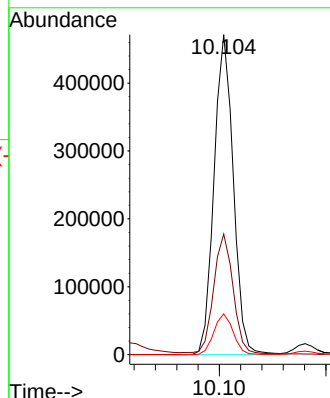
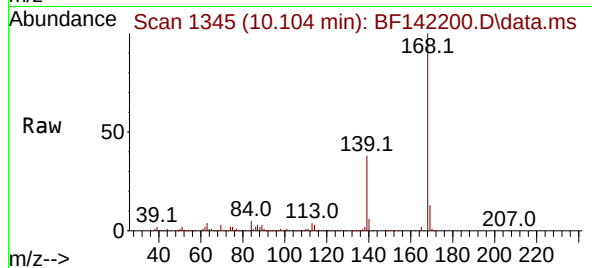
Tgt Ion:168 Resp: 590678

Ion Ratio Lower Upper

168 100

139 37.7 32.3 48.5

169 12.8 11.4 17.0



#57

2,4-Dinitrotoluene

Concen: 4.565 ng

RT: 10.086 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Tgt Ion:165 Resp: 109358

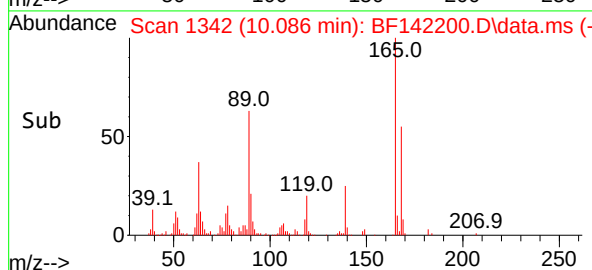
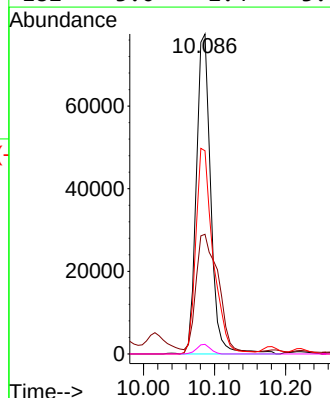
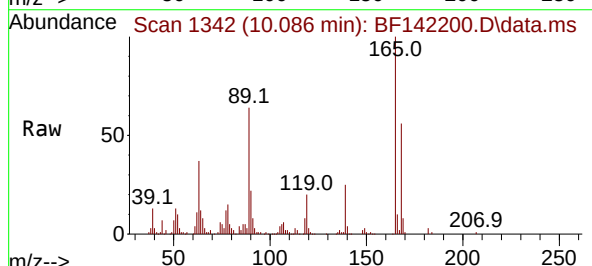
Ion Ratio Lower Upper

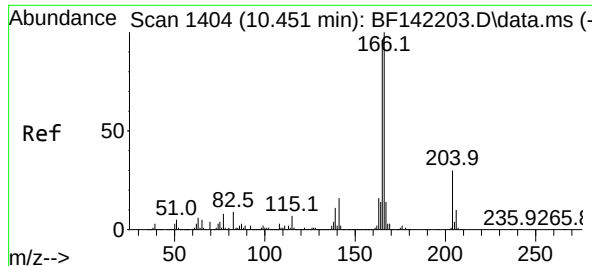
165 100

63 37.4 29.0 43.6

89 63.5 50.1 75.1

182 3.0 2.4 3.6

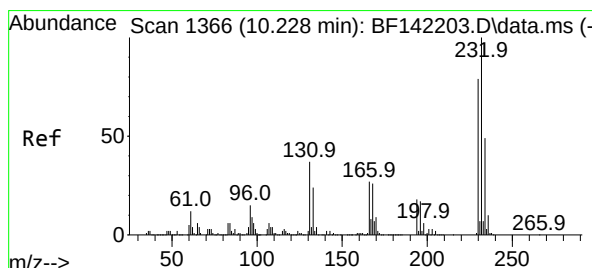
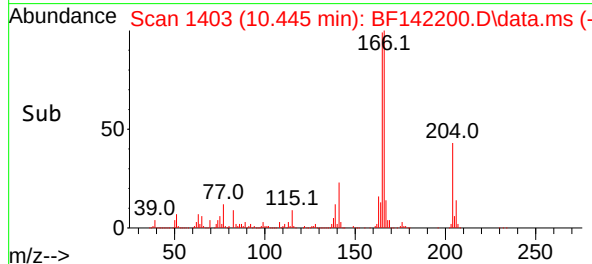
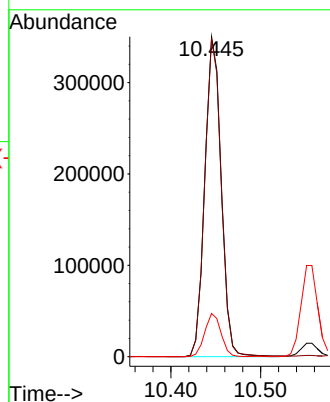
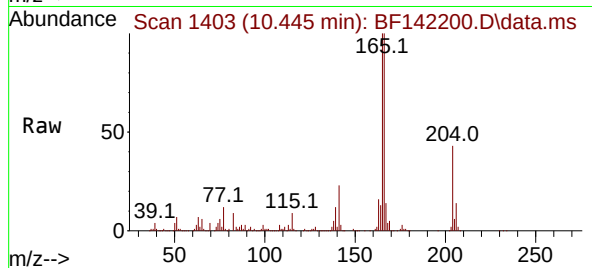




#58
Fluorene
Concen: 5.615 ng
RT: 10.445 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

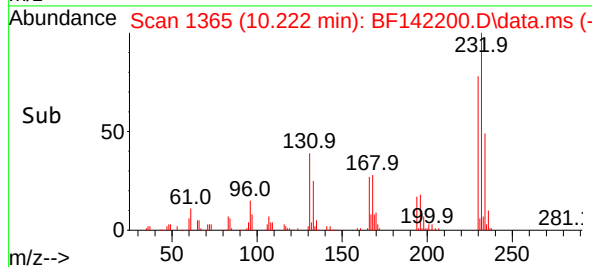
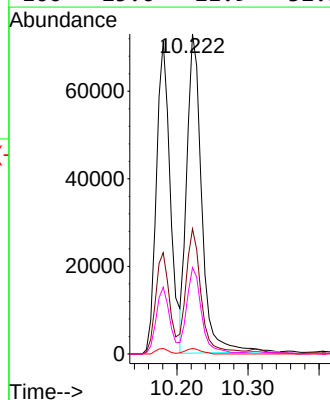
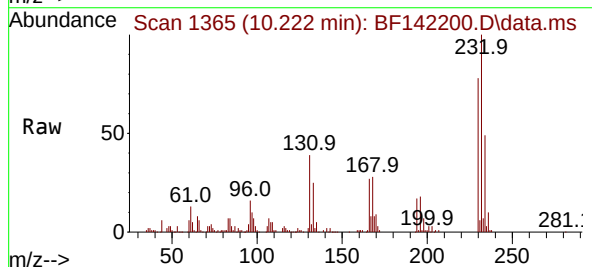
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

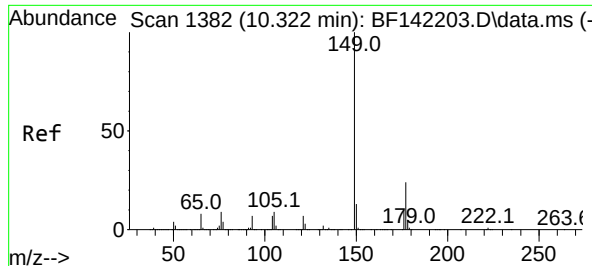
Tgt Ion:166 Resp: 444828
Ion Ratio Lower Upper
166 100
165 99.5 77.1 115.7
167 13.5 11.0 16.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.512 ng
RT: 10.222 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:232 Resp: 106421
Ion Ratio Lower Upper
232 100
131 40.9 31.9 47.9
130 1.8 1.6 2.4
166 25.6 21.9 32.9

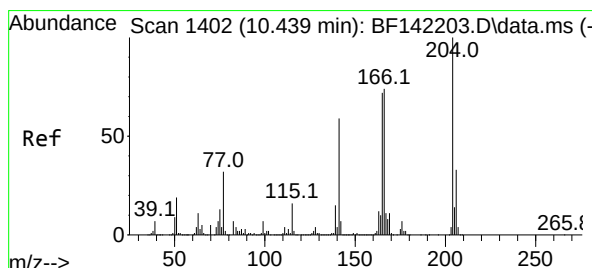
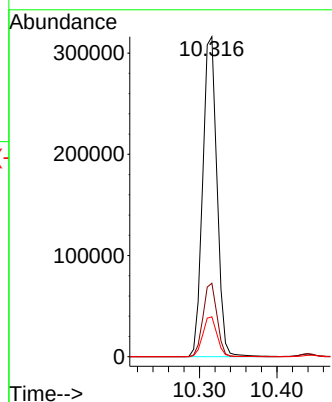
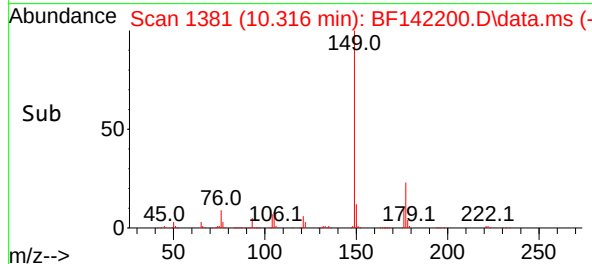
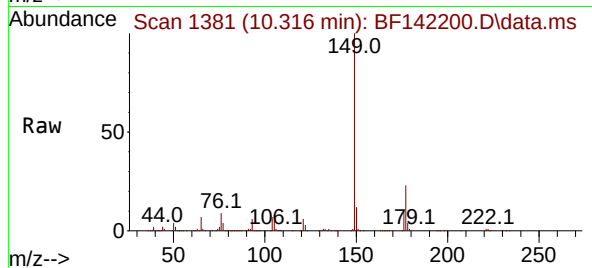




#60
Diethylphthalate
Concen: 5.249 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

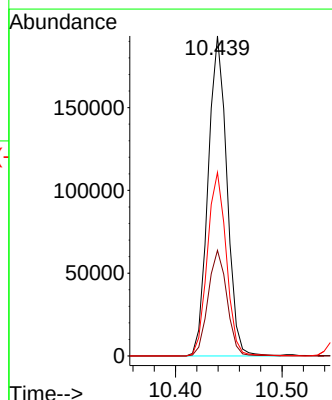
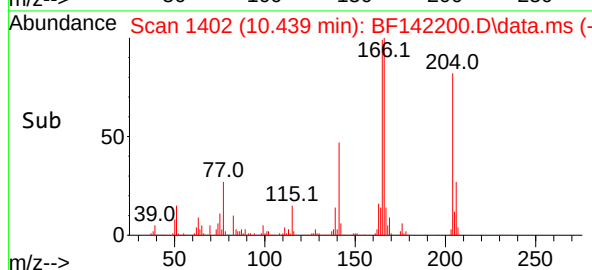
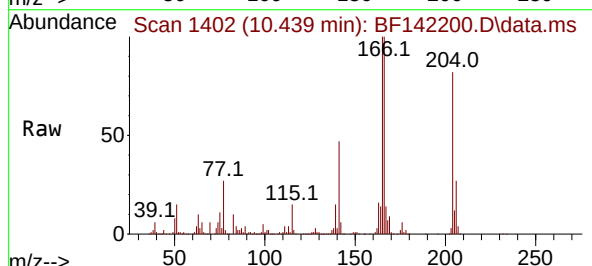
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

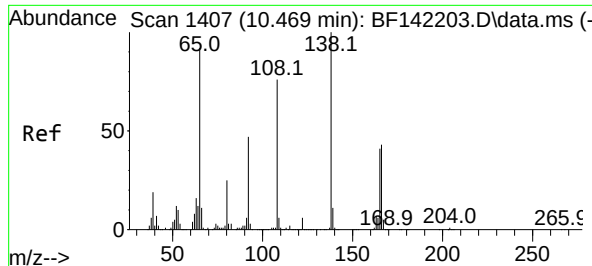
Tgt Ion:149 Resp: 404910
Ion Ratio Lower Upper
149 100
177 22.9 19.6 29.4
150 12.5 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 5.440 ng
RT: 10.439 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:204 Resp: 237295
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 57.3 47.0 70.6

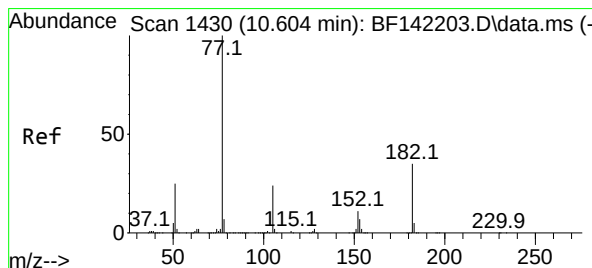
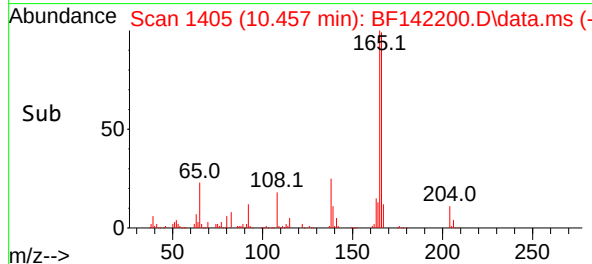
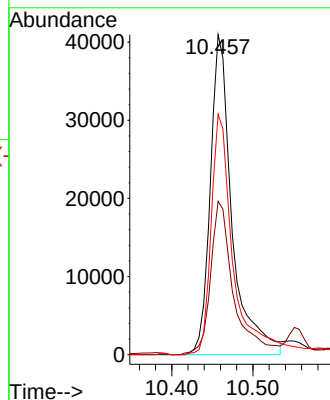
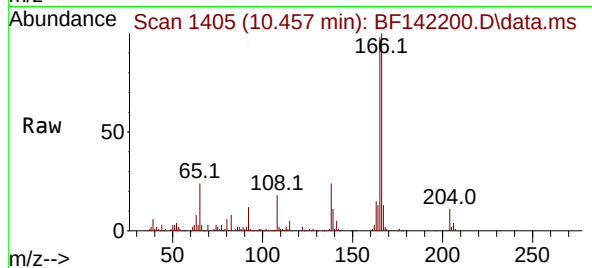




#62
4-Nitroaniline
Concen: 4.527 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

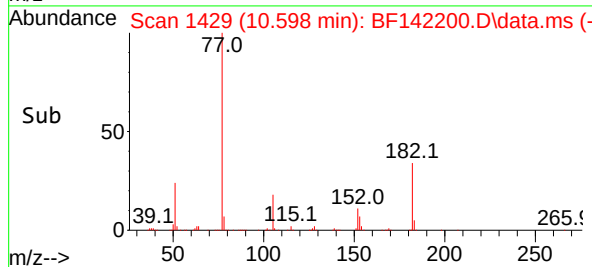
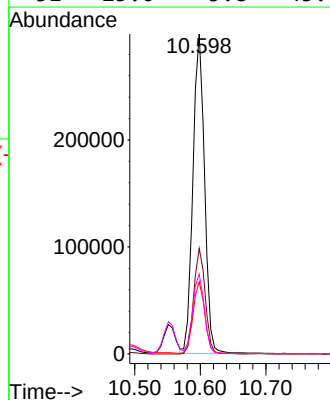
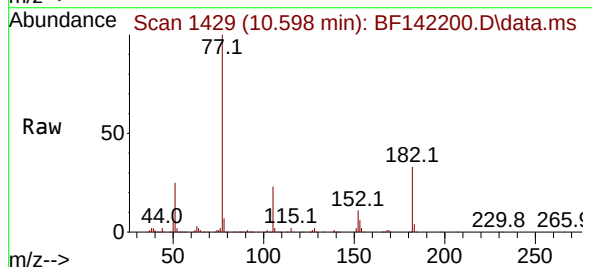
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

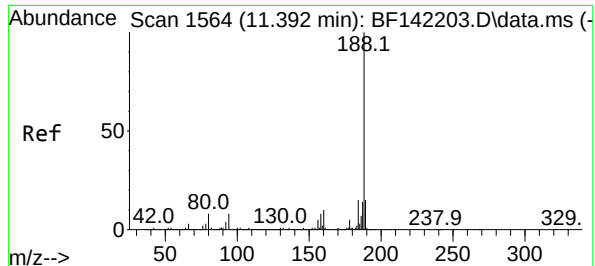
Tgt Ion	138	92	108
Resp:	76464	47.9	75.2
Lower		26.7	56.5
Upper		66.7	96.5



#63
Azobenzene
Concen: 5.499 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion	77	182	105	51
Resp:	369395	33.0	22.6	25.0
Lower		14.8	4.0	5.8
Upper		54.8	44.0	45.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

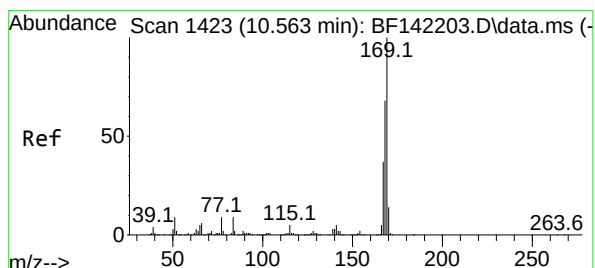
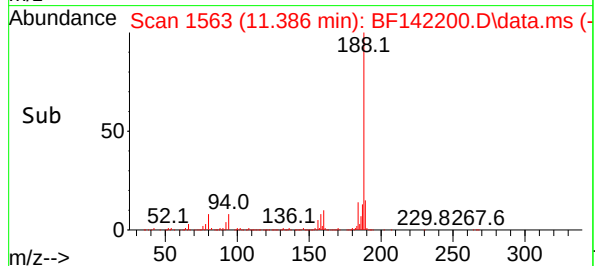
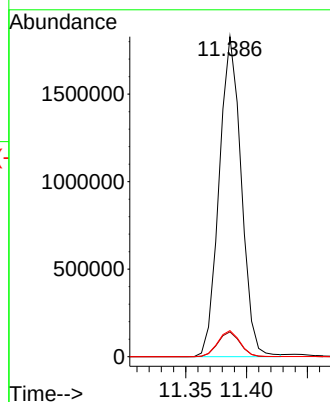
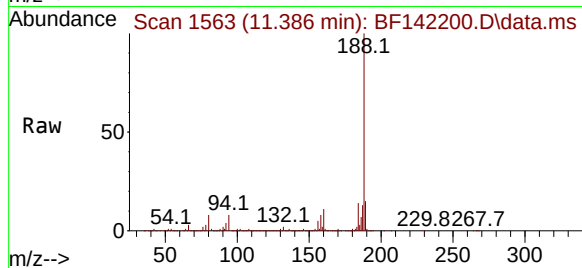
Tgt Ion:188 Resp: 2308754

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

80 8.1 6.7 10.1



#66

n-Nitrosodiphenylamine

Concen: 5.313 ng

RT: 10.551 min Scan# 1421

Delta R.T. -0.012 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

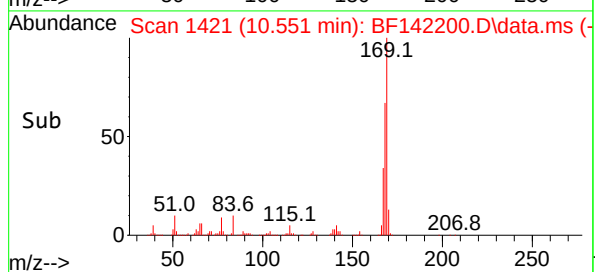
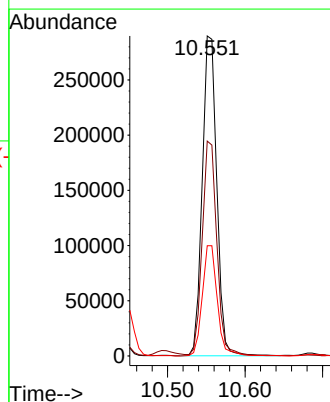
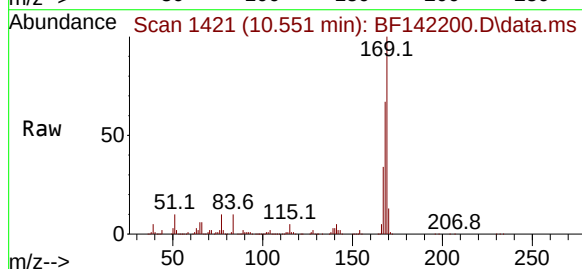
Tgt Ion:169 Resp: 375934

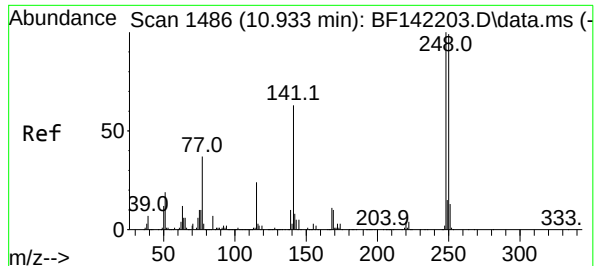
Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

167 34.4 29.4 44.2

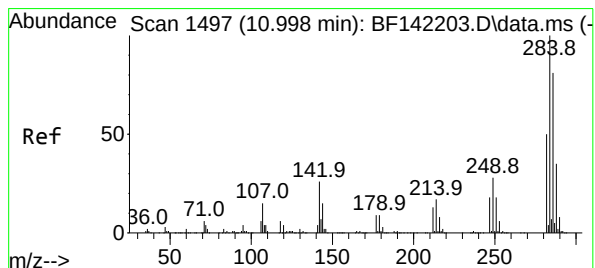
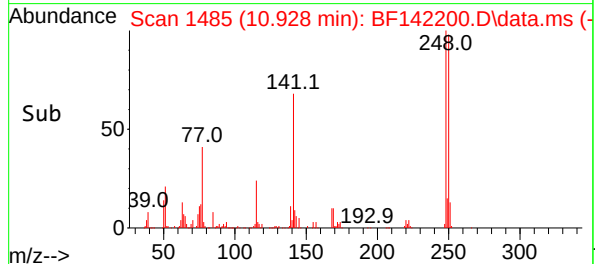
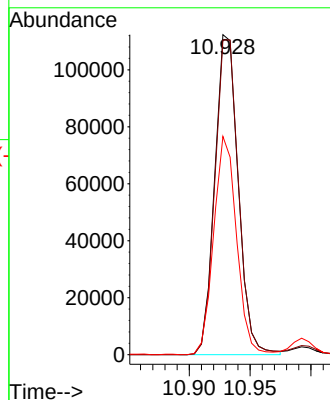
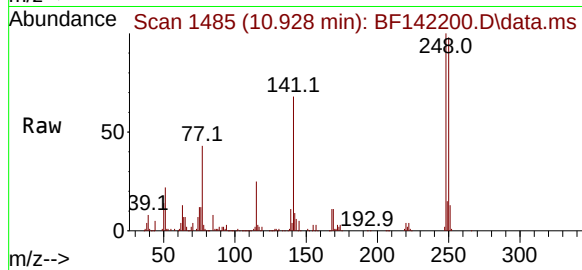




#67
4-Bromophenyl-phenylether
Concen: 4.963 ng
RT: 10.928 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

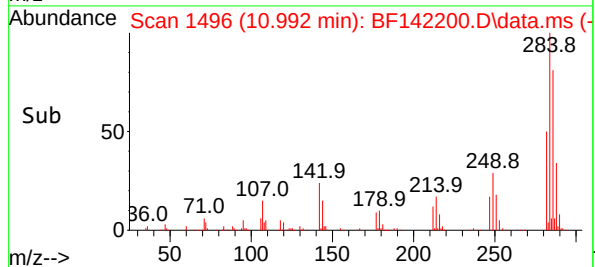
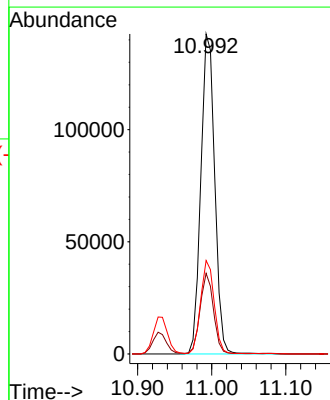
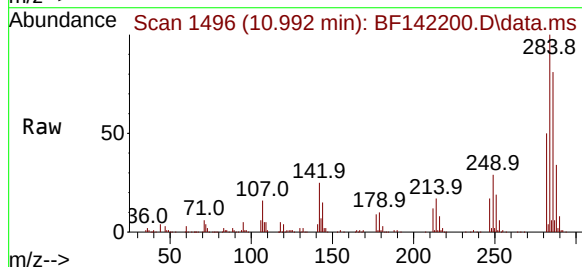
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

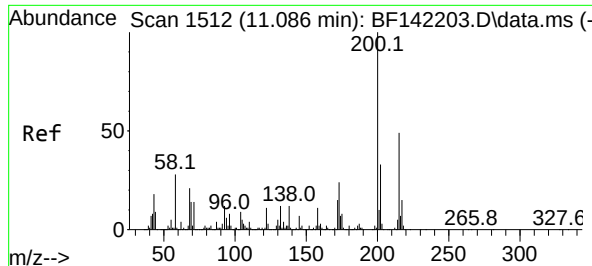
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.8	118.2
141	68.2	50.6	75.8



#68
Hexachlorobenzene
Concen: 5.152 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	20.7	31.1
249	29.2	22.8	34.2

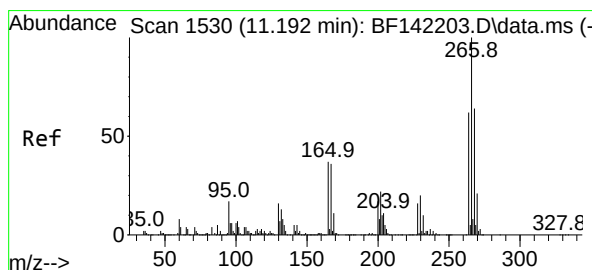
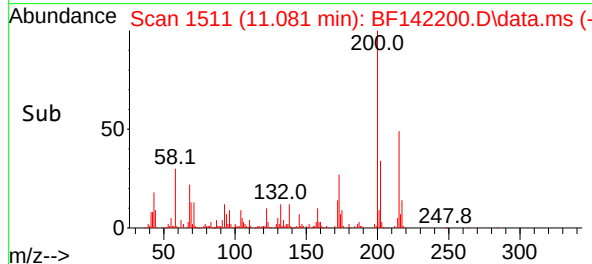
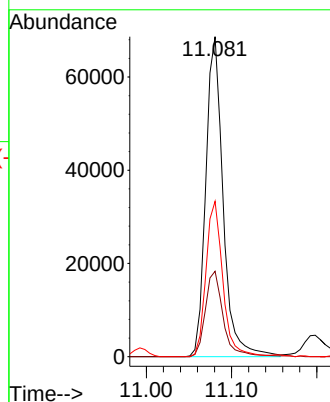
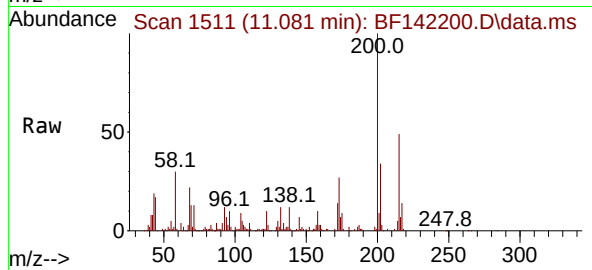




#69
 Atrazine
 Concen: 5.627 ng
 RT: 11.081 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

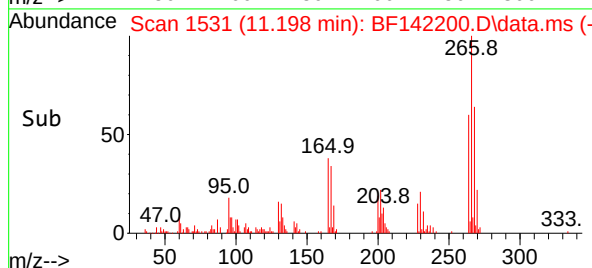
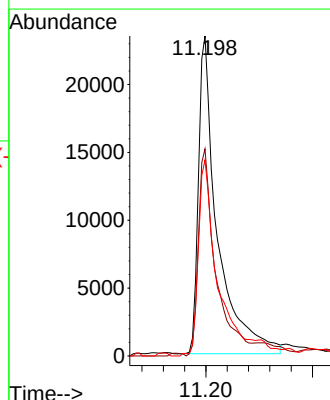
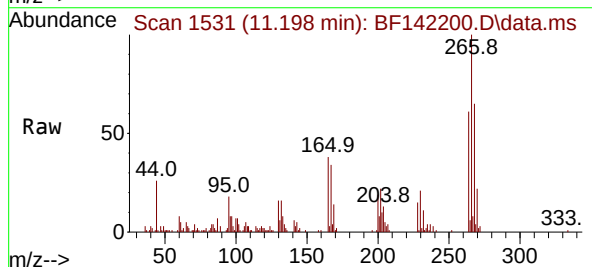
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

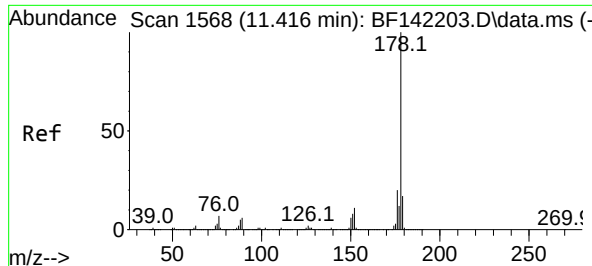
Tgt Ion:200 Resp: 97174
 Ion Ratio Lower Upper
 200 100
 173 26.7 4.4 44.4
 215 48.6 28.6 68.6



#70
 Pentachlorophenol
 Concen: 3.134 ng
 RT: 11.198 min Scan# 1531
 Delta R.T. 0.006 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

Tgt Ion:266 Resp: 57765
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.9 76.3
 264 61.2 49.4 74.2

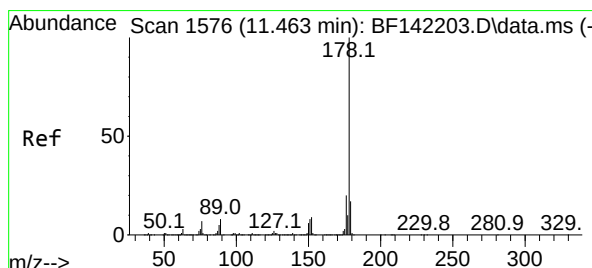
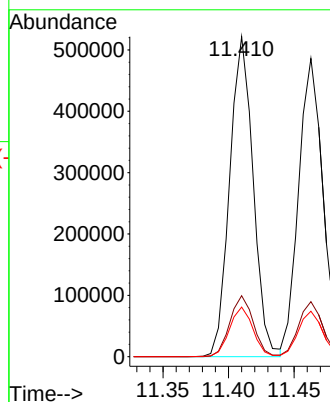
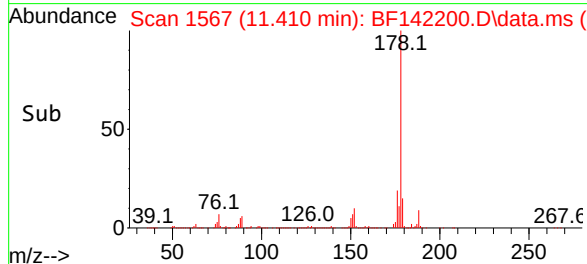
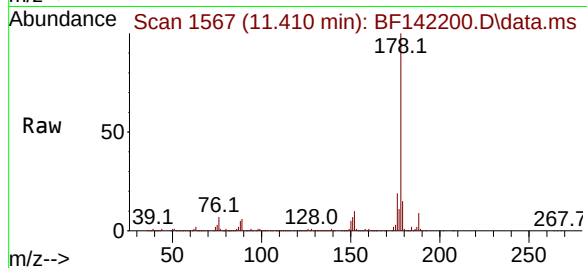




#71
Phenanthrene
Concen: 5.672 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

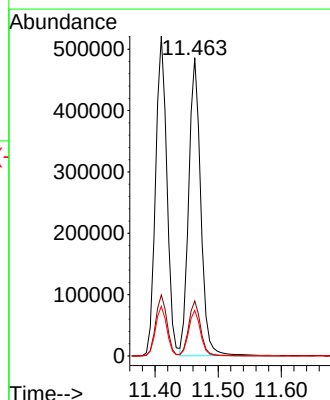
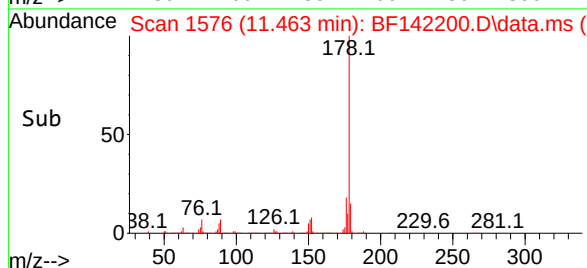
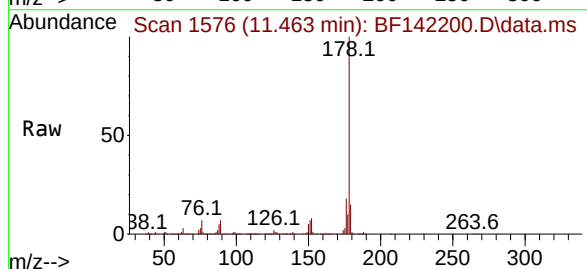
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

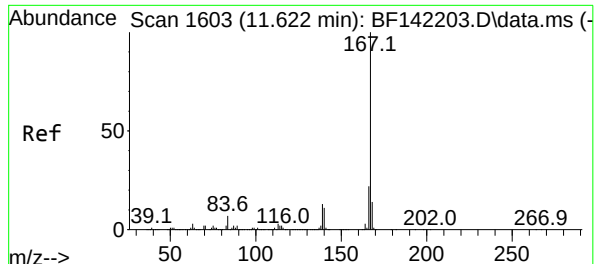
Tgt Ion:178 Resp: 650283
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.5 13.3 19.9



#72
Anthracene
Concen: 5.608 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:178 Resp: 642901
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 15.3 13.4 20.0

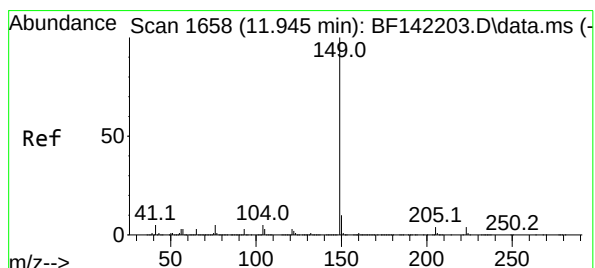
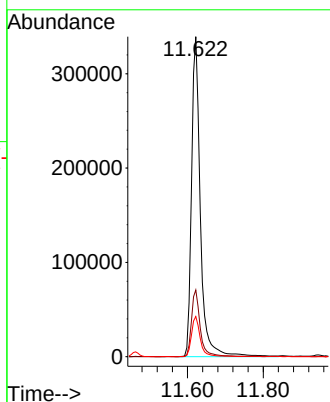
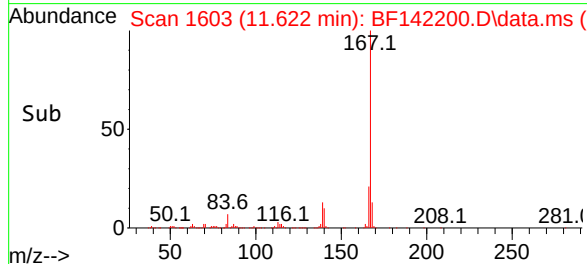
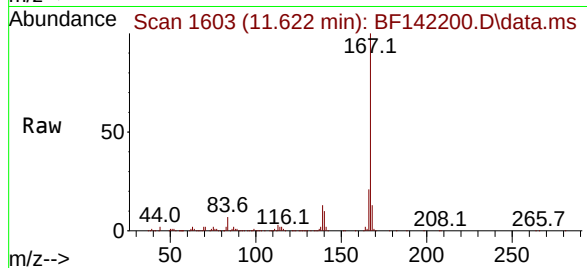




#73
Carbazole
Concen: 5.486 ng
RT: 11.622 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

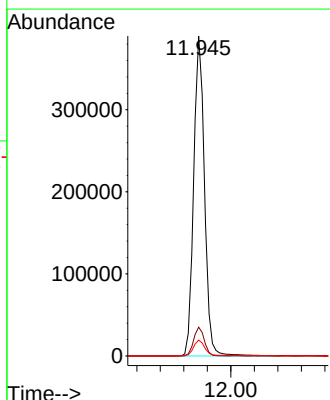
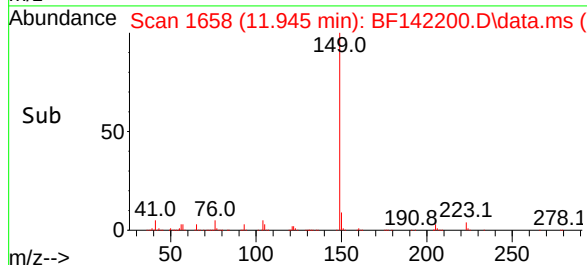
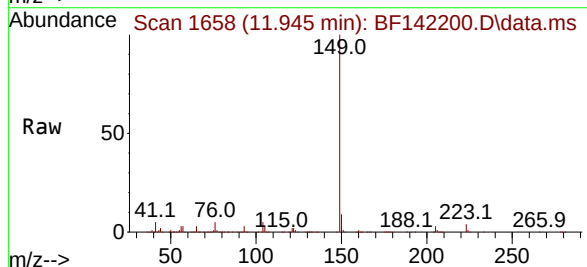
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

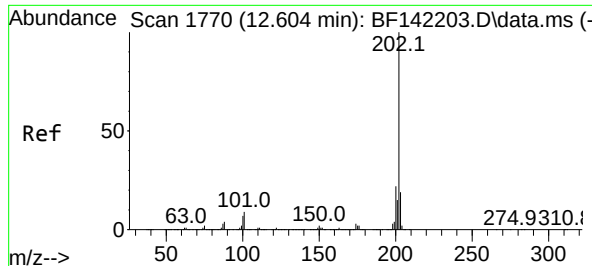
Tgt Ion:167 Resp: 549466
Ion Ratio Lower Upper
167 100
166 20.8 17.4 26.2
139 12.5 10.7 16.1



#74
Di-n-butylphthalate
Concen: 4.797 ng
RT: 11.945 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:149 Resp: 497255
Ion Ratio Lower Upper
149 100
150 9.0 7.9 11.9
104 4.9 4.0 6.0

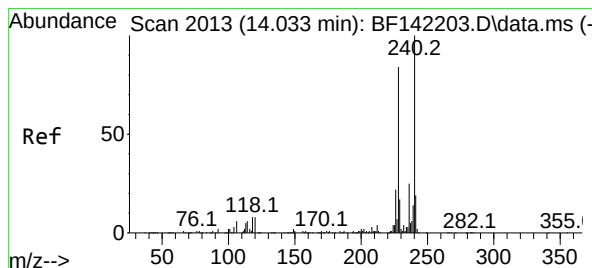
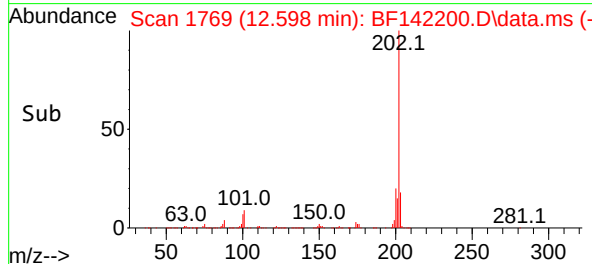
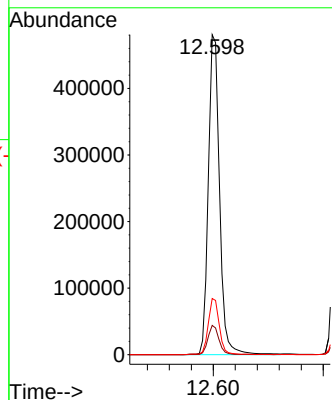
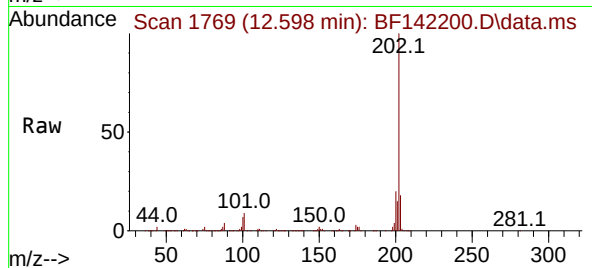




#75
Fluoranthene
Concen: 5.697 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

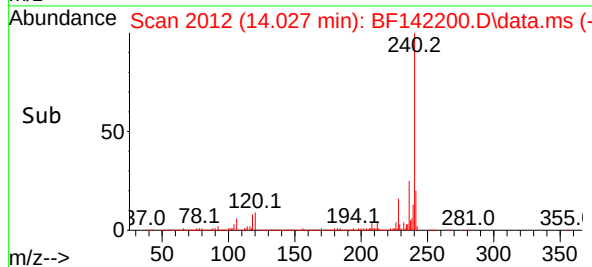
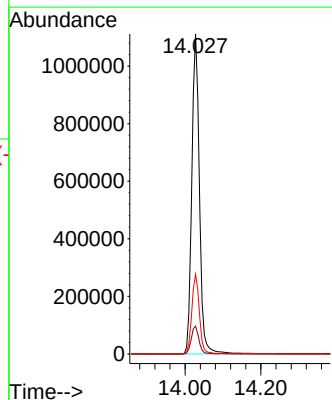
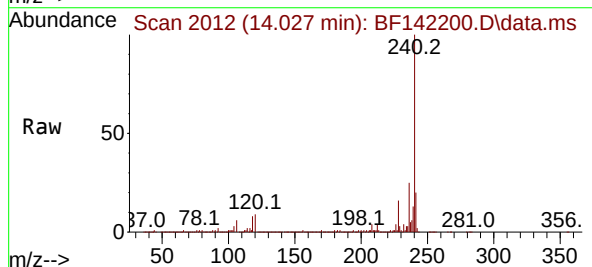
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

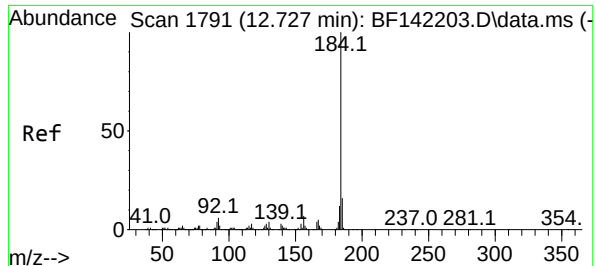
Tgt Ion:202 Resp: 678999
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 17.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:240 Resp: 1558310
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 24.9 20.2 30.2

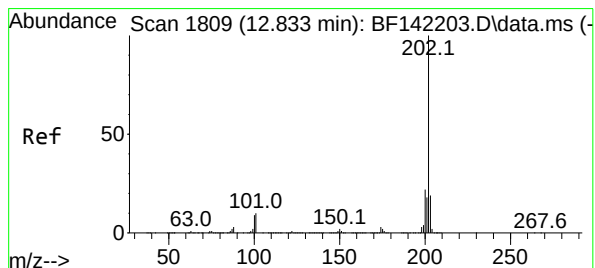
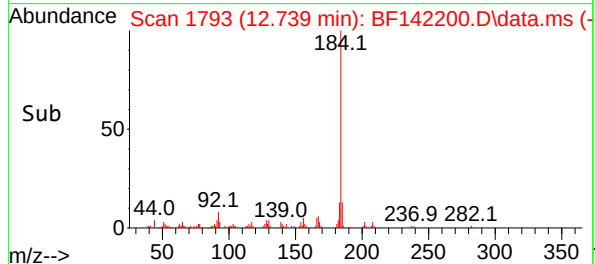
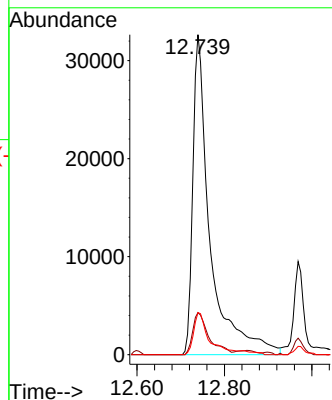
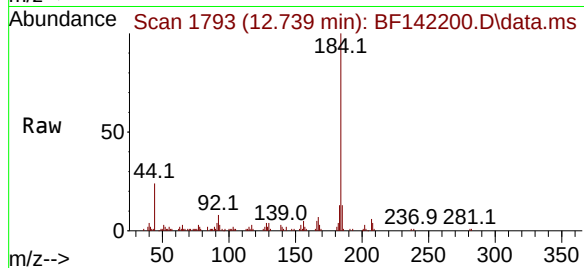




#77
Benzidine
Concen: 4.455 ng
RT: 12.739 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

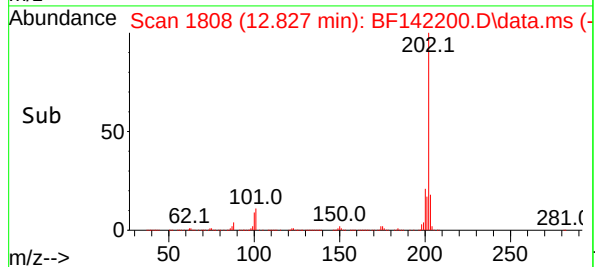
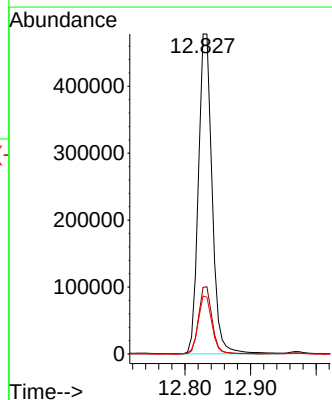
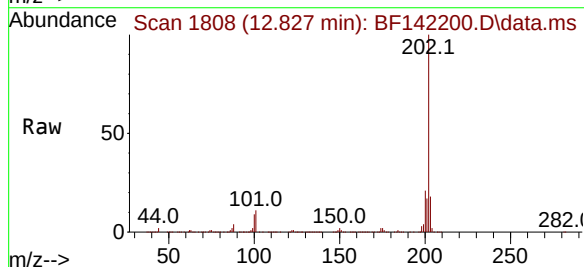
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

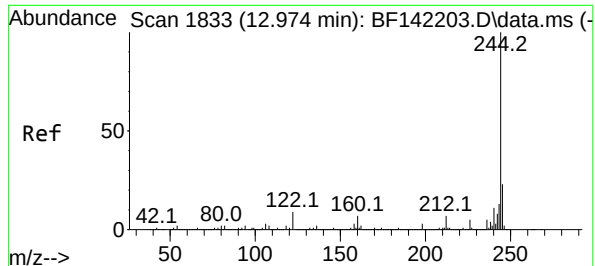
Tgt Ion:184 Resp: 89578
Ion Ratio Lower Upper
184 100
185 13.2 13.0 19.6
183 13.2 9.6 14.4



#78
Pyrene
Concen: 5.613 ng
RT: 12.827 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

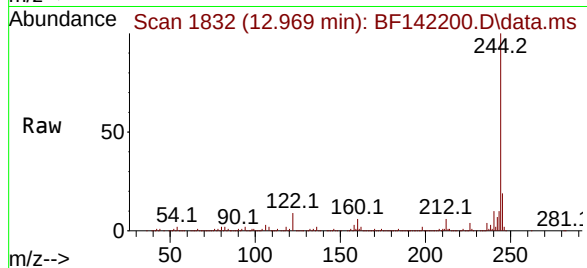
Tgt Ion:202 Resp: 694653
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 18.1 14.8 22.2



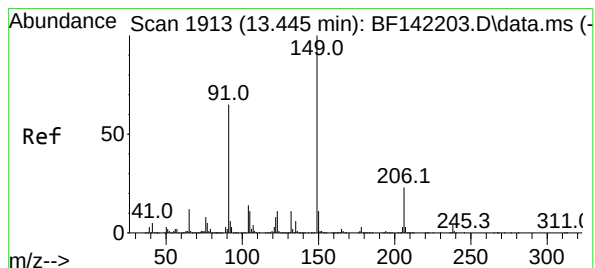
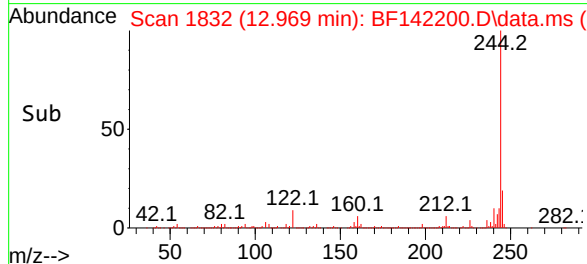
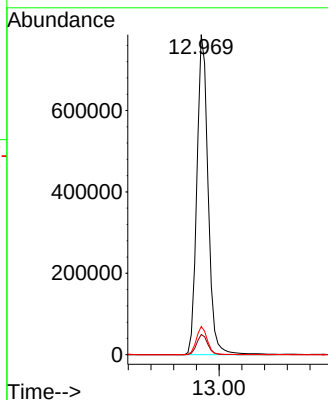


#79
Terphenyl-d14
Concen: 11.646 ng
RT: 12.969 min Scan# 1833
Delta R.T. -0.005 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

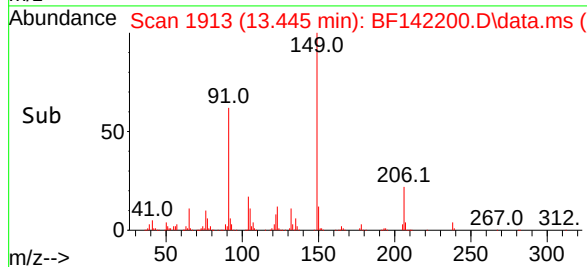
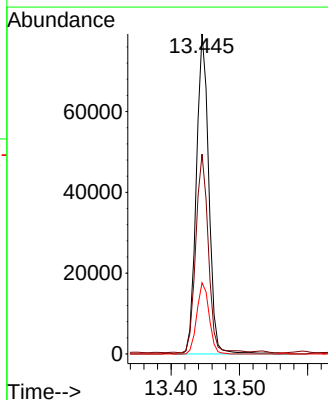
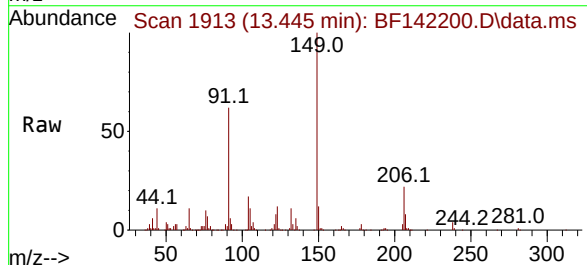


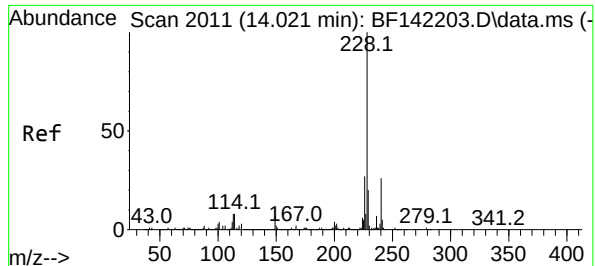
Tgt Ion:244 Resp: 1083297
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 8.8 7.3 10.9



#80
Butylbenzylphthalate
Concen: 3.356 ng
RT: 13.445 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:149 Resp: 100529
Ion Ratio Lower Upper
149 100
91 62.4 51.8 77.8
206 22.3 18.2 27.4

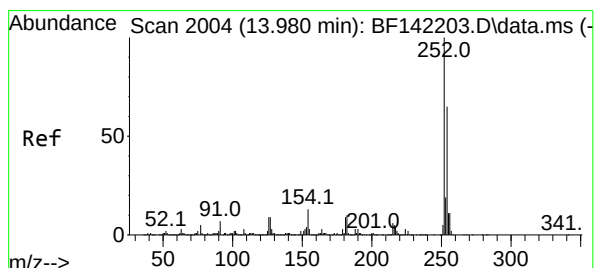
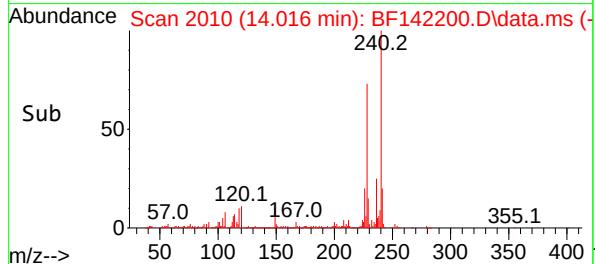
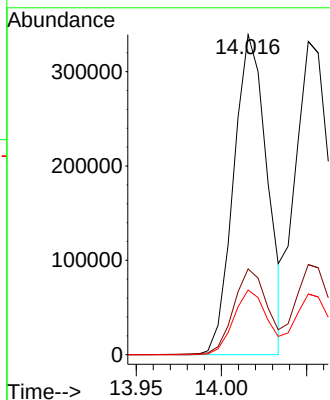
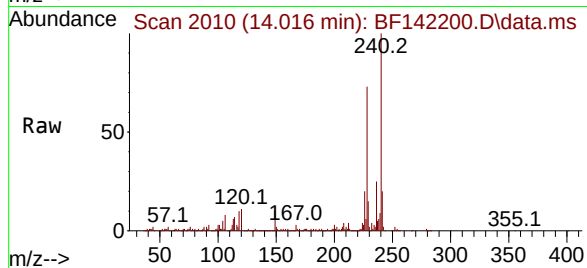




#81
Benzo(a)anthracene
Concen: 4.942 ng
RT: 14.016 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

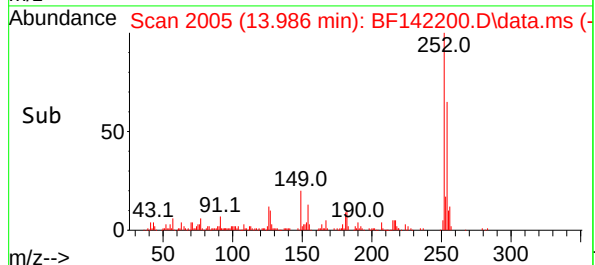
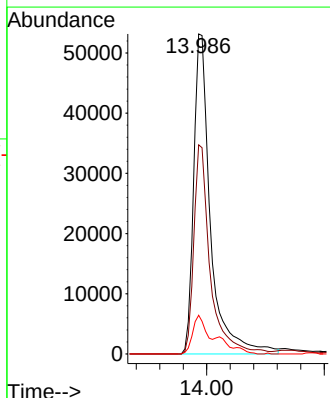
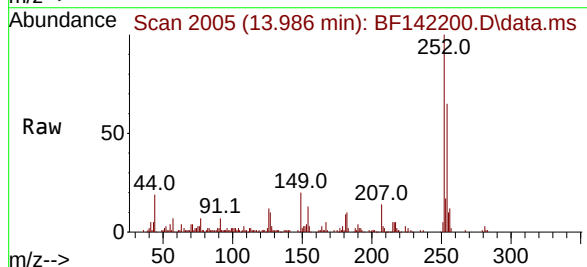
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

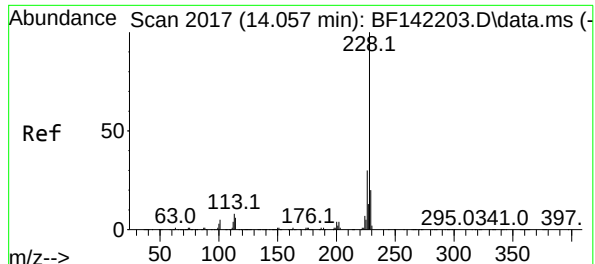
Tgt Ion:228 Resp: 466477
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 3.769 ng
RT: 13.986 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:252 Resp: 105936
Ion Ratio Lower Upper
252 100
254 65.4 51.9 77.9
126 12.1 7.4 11.0#

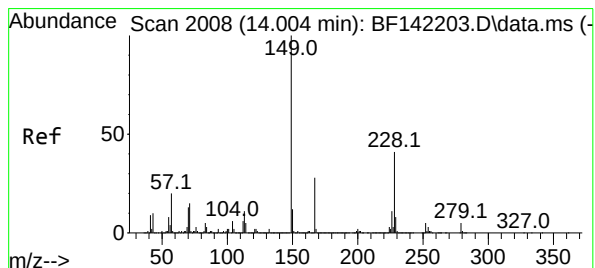
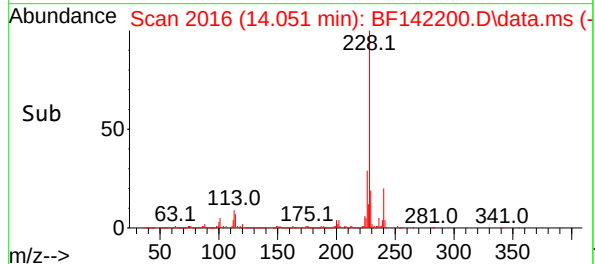
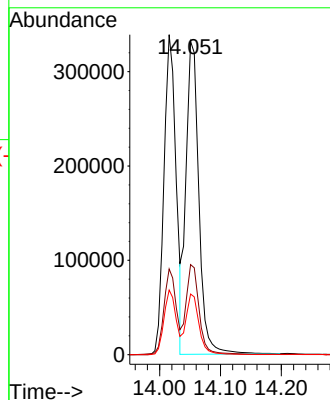
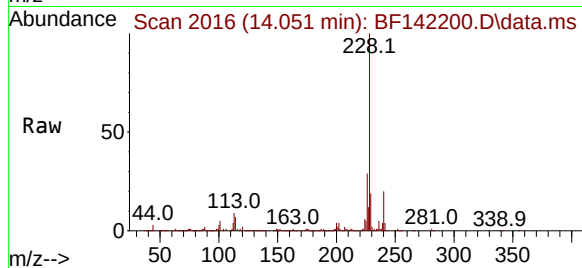




#83
Chrysene
Concen: 5.396 ng
RT: 14.051 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

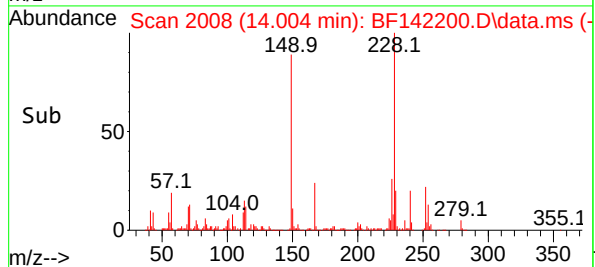
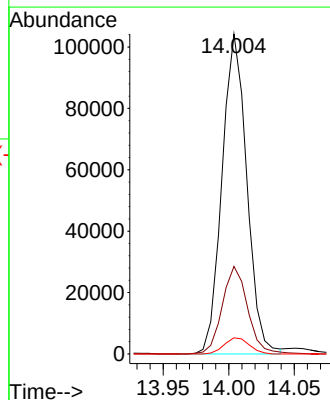
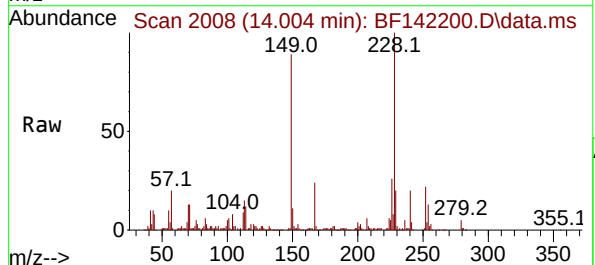
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

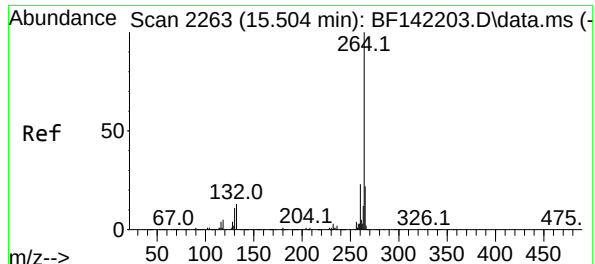
Tgt Ion:228 Resp: 490666
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 19.4 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.416 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:149 Resp: 136919
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 5.1 4.2 6.2

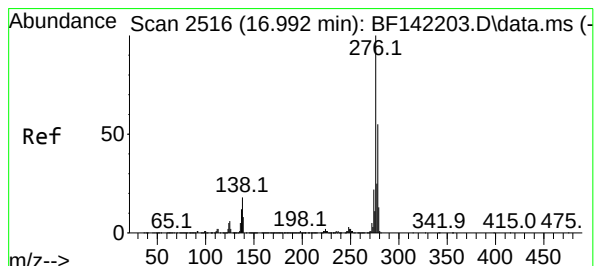
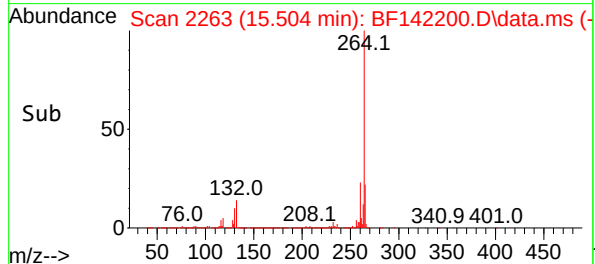
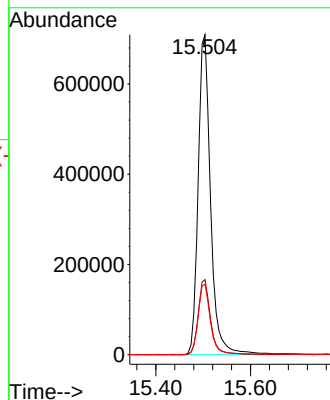
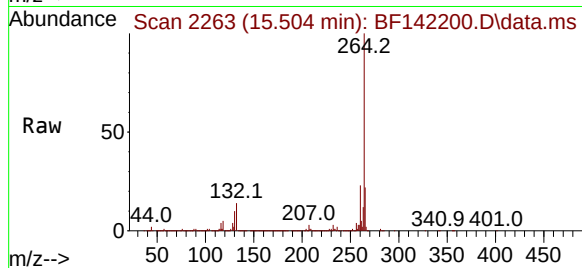




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

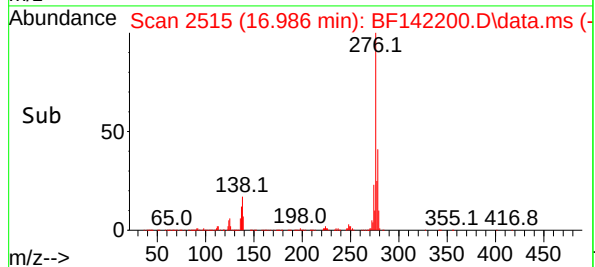
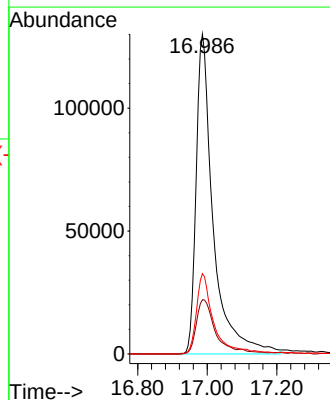
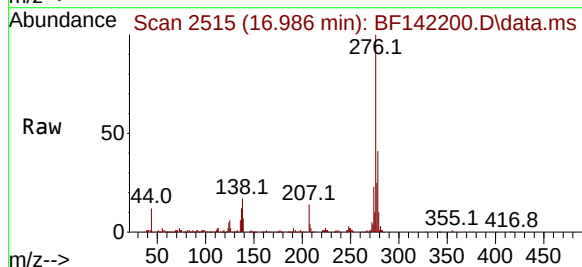
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

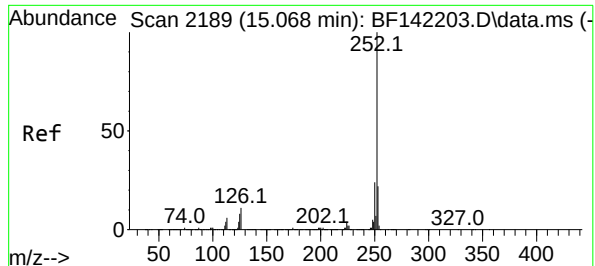
Tgt Ion:264 Resp: 1289026
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 22.0 16.9 25.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.909 ng
RT: 16.986 min Scan# 2515
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:276 Resp: 444005
Ion Ratio Lower Upper
276 100
138 18.2 15.1 22.7
277 25.4 20.1 30.1

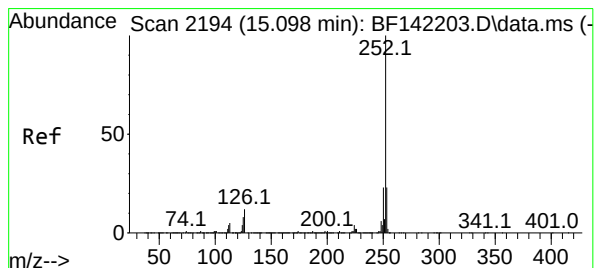
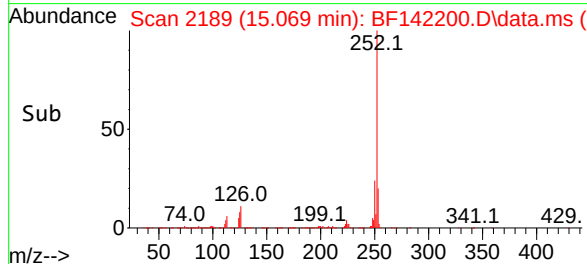
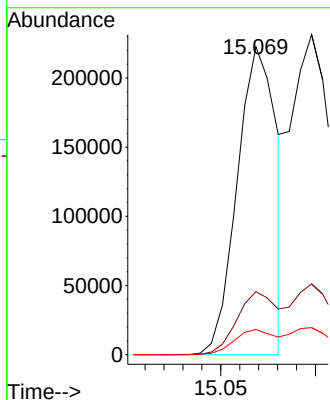
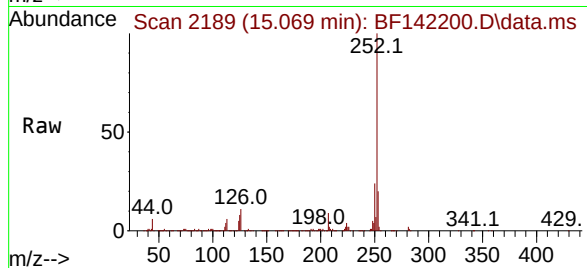




#88
Benzo(b)fluoranthene
Concen: 4.426 ng
RT: 15.069 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

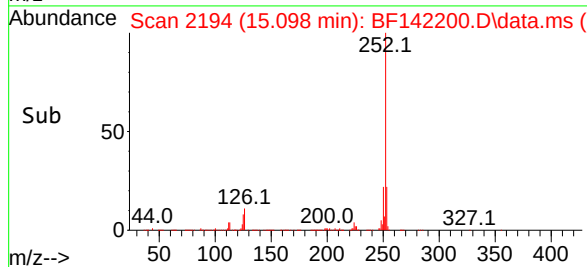
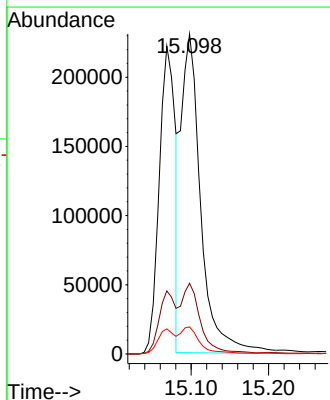
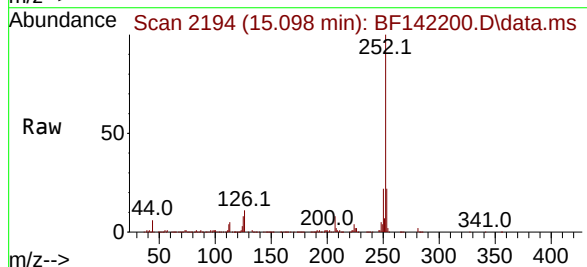
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

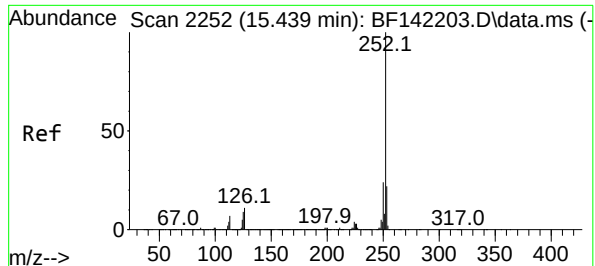
Tgt Ion:252 Resp: 320061
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 8.2 6.4 9.6



#89
Benzo(k)fluoranthene
Concen: 5.735 ng m
RT: 15.098 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:252 Resp: 410210
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.5 6.6 10.0





#90

Benzo(a)pyrene

Concen: 4.924 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

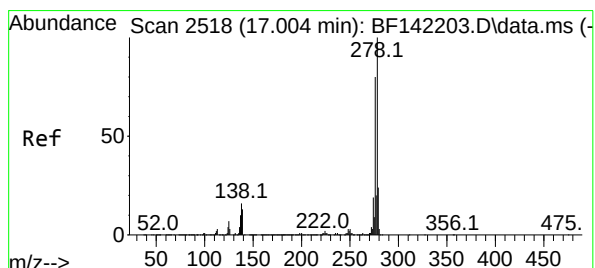
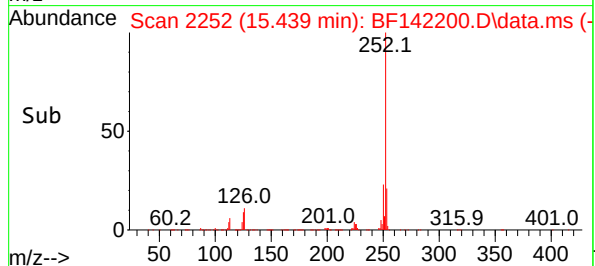
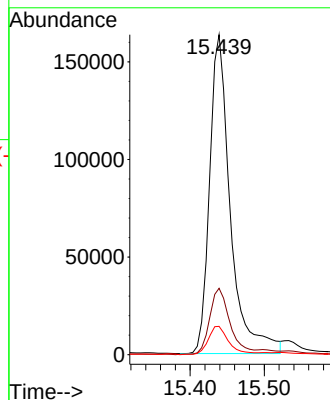
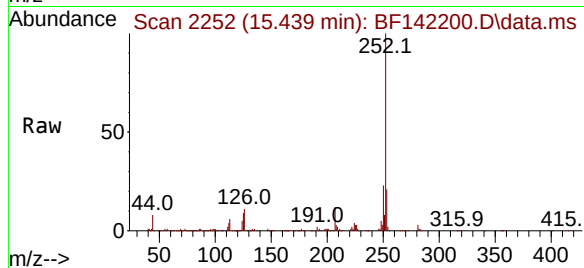
Tgt Ion:252 Resp: 318689

Ion Ratio Lower Upper

252 100

253 20.7 17.8 26.6

125 8.9 7.1 10.7



#91

Dibenzo(a,h)anthracene

Concen: 4.874 ng

RT: 17.004 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

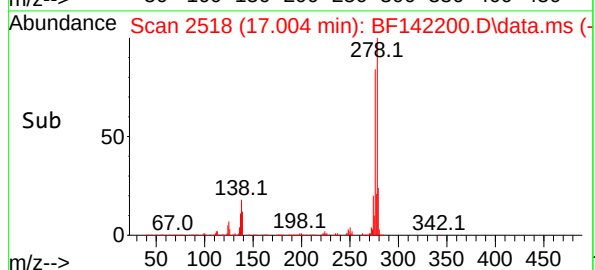
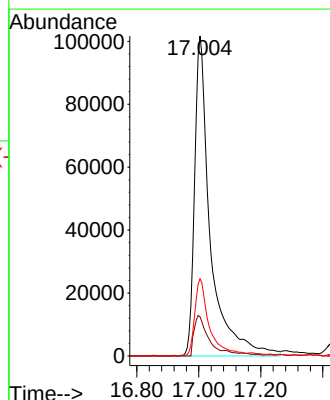
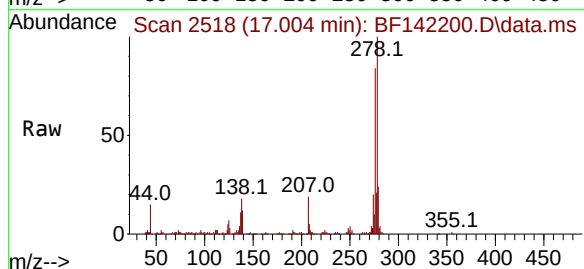
Tgt Ion:278 Resp: 359577

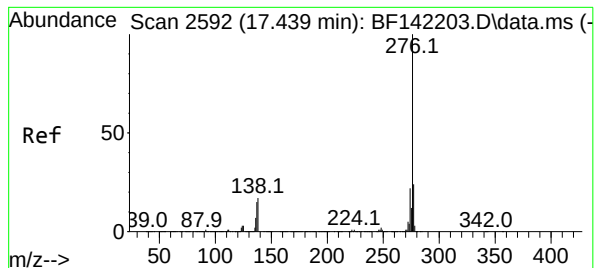
Ion Ratio Lower Upper

278 100

139 12.2 10.2 15.4

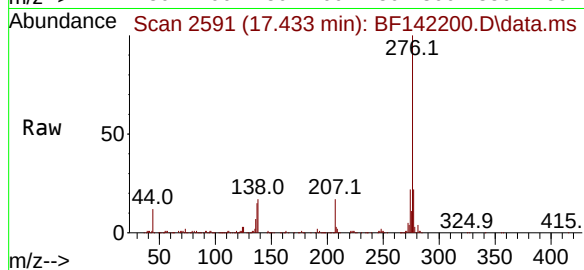
279 24.1 19.3 28.9



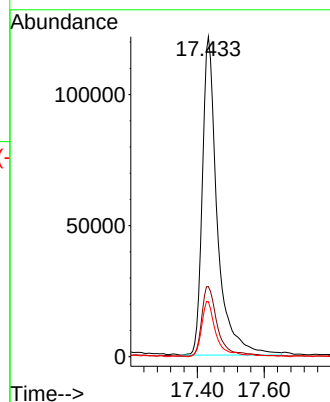
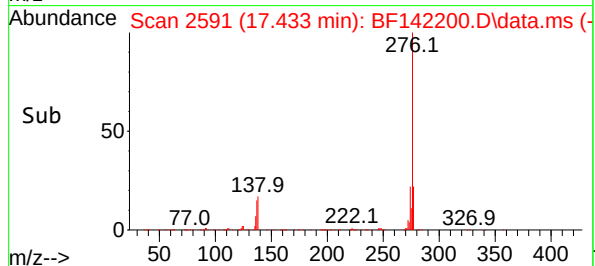


#92
Benzo(g,h,i)perylene
Concen: 4.930 ng
RT: 17.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 378842
Ion Ratio Lower Upper
276 100
277 21.9 19.2 28.8
138 17.2 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142201.D
 Acq On : 21 Apr 2025 12:09
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 22 02:01:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	603983	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2290040	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1315585	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2289491	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1611623	20.000	ng	0.00
86) Perylene-d12	15.504	264	1390370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	668900	20.764	ng	0.00
7) Phenol-d6	6.481	99	865031	21.441	ng	-0.01
23) Nitrobenzene-d5	7.422	82	761958	20.896	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	348797	19.391	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1863623	23.089	ng	0.00
79) Terphenyl-d14	12.968	244	2145035	22.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	132917	10.164	ng	97
3) Pyridine	3.399	79	294787	10.386	ng	99
4) n-Nitrosodimethylamine	3.322	42	110937	9.626	ng	# 93
6) Aniline	6.522	93	410337	11.015	ng	100
8) 2-Chlorophenol	6.645	128	383978	10.413	ng	98
9) Benzaldehyde	6.416	77	255898	11.553	ng	100
10) Phenol	6.498	94	447957	10.527	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	330518	10.300	ng	99
12) 1,3-Dichlorobenzene	6.804	146	440763	10.548	ng	98
13) 1,4-Dichlorobenzene	6.881	146	455256	10.623	ng	98
14) 1,2-Dichlorobenzene	7.034	146	431115	10.813	ng	100
15) Benzyl Alcohol	6.998	79	297318	10.107	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	326802	10.506	ng	99
17) 2-Methylphenol	7.110	107	275506	9.927	ng	99
18) Hexachloroethane	7.375	117	151652	10.416	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	243693	10.682	ng	98
20) 3+4-Methylphenols	7.263	107	363854	10.541	ng	# 90
22) Acetophenone	7.269	105	535731	10.658	ng	99
24) Nitrobenzene	7.439	77	364725	10.096	ng	99
25) Isophorone	7.681	82	619226	10.117	ng	100
26) 2-Nitrophenol	7.763	139	172633	9.091	ng	97
27) 2,4-Dimethylphenol	7.792	122	236130	9.564	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	416997	10.380	ng	98
29) 2,4-Dichlorophenol	8.004	162	333804	9.941	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	400647	10.203	ng	100
31) Naphthalene	8.169	128	1216644	11.247	ng	97
32) Benzoic acid	7.869	122	111931m	11.078	ng	
33) 4-Chloroaniline	8.216	127	407584	10.405	ng	98
34) Hexachlorobutadiene	8.281	225	264589	10.210	ng	100
35) Caprolactam	8.551	113	83708	9.345	ng	93
36) 4-Chloro-3-methylphenol	8.686	107	340608	10.076	ng	99
37) 2-Methylnaphthalene	8.857	142	804063	10.755	ng	99
38) 1-Methylnaphthalene	8.957	142	776949	10.733	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	445815	10.357	ng	99
41) Hexachlorocyclopentadiene	9.010	237	106112	8.039	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	241266	9.600	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142201.D
 Acq On : 21 Apr 2025 12:09
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

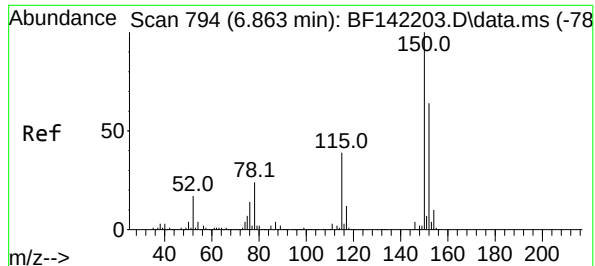
Quant Time: Apr 22 02:01:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	255557	9.487	ng	97
46) 1,1'-Biphenyl	9.322	154	1041165	11.037	ng	97
47) 2-Chloronaphthalene	9.345	162	773779	10.567	ng	98
48) 2-Nitroaniline	9.439	65	164363	9.576	ng	94
49) Acenaphthylene	9.763	152	1118944	10.811	ng	99
50) Dimethylphthalate	9.616	163	869463	10.308	ng	99
51) 2,6-Dinitrotoluene	9.680	165	186390	9.842	ng	99
52) Acenaphthene	9.933	154	768504	10.304	ng	98
53) 3-Nitroaniline	9.851	138	181893	10.024	ng	98
54) 2,4-Dinitrophenol	9.963	184	61743	6.657	ng	98
55) Dibenzofuran	10.104	168	1161116	11.105	ng	97
56) 4-Nitrophenol	10.010	139	102313	7.708	ng	99
57) 2,4-Dinitrotoluene	10.086	165	241529	9.874	ng	99
58) Fluorene	10.445	166	881069	10.893	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	230629	9.576	ng	99
60) Diethylphthalate	10.316	149	832900	10.575	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	467315	10.493	ng	99
62) 4-Nitroaniline	10.457	138	163792	9.497	ng	97
63) Azobenzene	10.598	77	729902	10.642	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	100957	7.554	ng	95
66) n-Nitrosodiphenylamine	10.557	169	733023	10.446	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	300436	9.978	ng	98
68) Hexachlorobenzene	10.998	284	363535	10.146	ng	97
69) Atrazine	11.080	200	204039	11.916	ng	99
70) Pentachlorophenol	11.192	266	155346	8.499	ng	99
71) Phenanthrene	11.410	178	1282504	11.280	ng	97
72) Anthracene	11.463	178	1261830	11.100	ng	97
73) Carbazole	11.616	167	1088325	10.958	ng	100
74) Di-n-butylphthalate	11.945	149	1123250	10.927	ng	98
75) Fluoranthene	12.598	202	1362799	11.531	ng	98
77) Benzidine	12.733	184	158137	7.604	ng	97
78) Pyrene	12.827	202	1390858	10.866	ng	98
80) Butylbenzylphthalate	13.445	149	248272	8.014	ng	99
81) Benzo(a)anthracene	14.015	228	975671	9.995	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	264819	9.110	ng	99
83) Chrysene	14.051	228	993085	10.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	326359	7.874	ng	99
85) Di-n-octyl phthalate	14.615	149	517117	7.044	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	934368	9.578	ng	99
88) Benzo(b)fluoranthene	15.068	252	740088	9.488	ng	99
89) Benzo(k)fluoranthene	15.098	252	852196m	11.046	ng	
90) Benzo(a)pyrene	15.439	252	694420	9.947	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	753489	9.469	ng	100
92) Benzo(g,h,i)perylene	17.433	276	791476	9.549	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

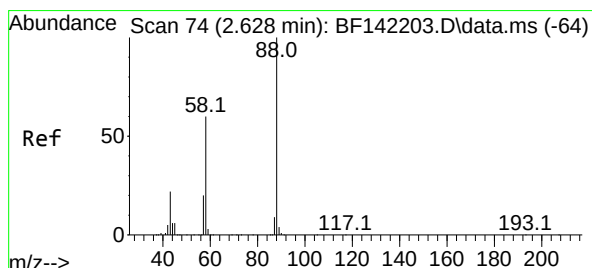
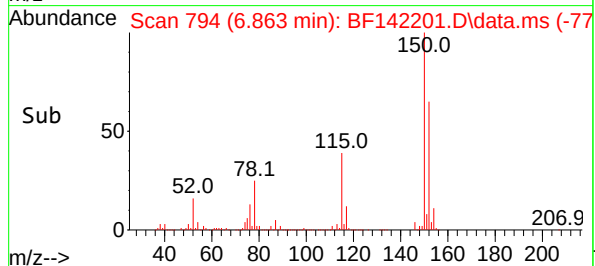
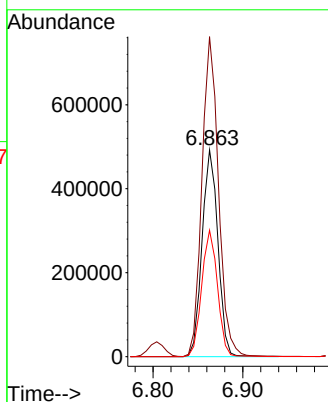
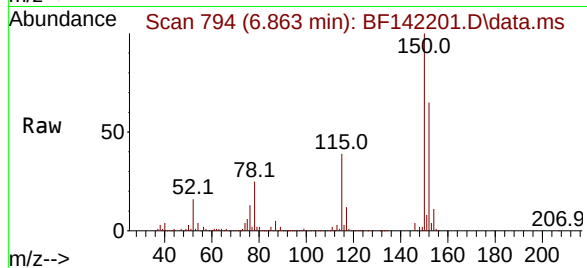
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

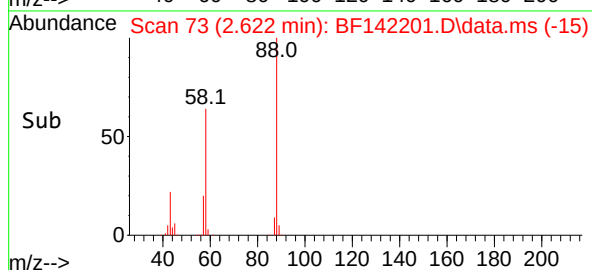
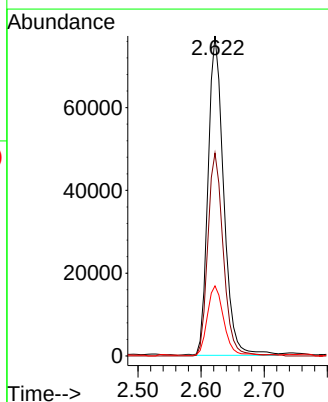
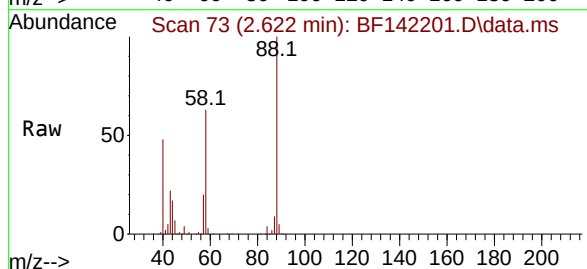
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

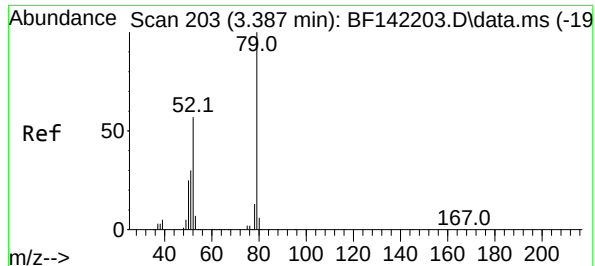
Tgt Ion:152 Resp: 603983
Ion Ratio Lower Upper
152 100
150 154.8 126.4 189.6
115 61.1 49.4 74.2



#2
1,4-Dioxane
Concen: 10.164 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 88 Resp: 132917
Ion Ratio Lower Upper
88 100
58 62.6 47.8 71.6
43 22.6 17.8 26.8

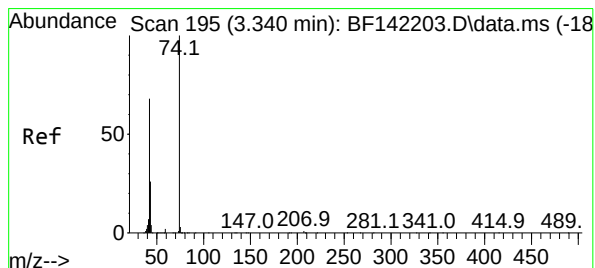
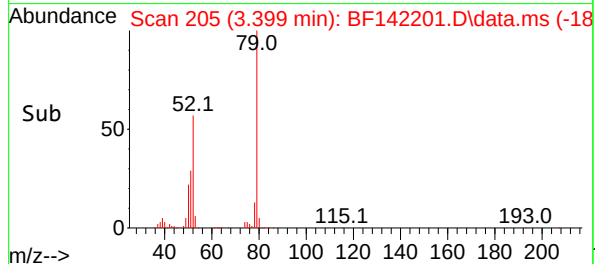
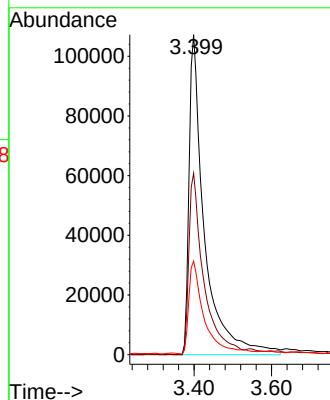
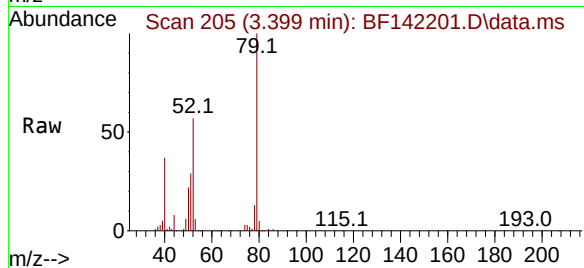




#3
Pyridine
Concen: 10.386 ng
RT: 3.399 min Scan# 203
Delta R.T. 0.012 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

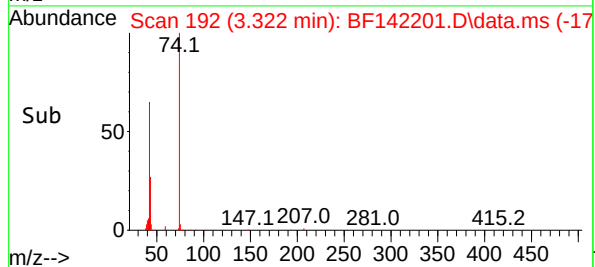
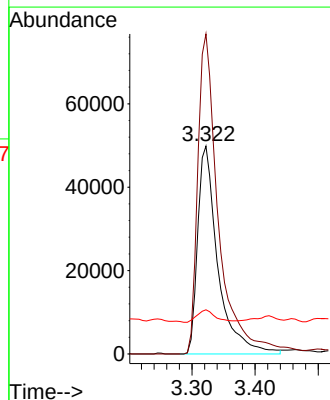
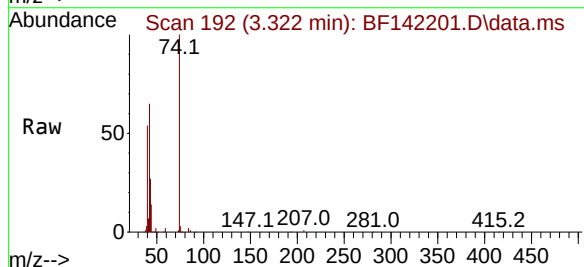
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

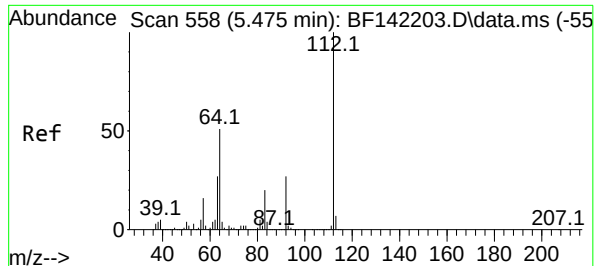
Tgt Ion: 79 Resp: 294787
Ion Ratio Lower Upper
79 100
52 56.7 45.8 68.8
51 29.2 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 9.626 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.018 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 42 Resp: 110937
Ion Ratio Lower Upper
42 100
74 154.0 117.4 176.0
44 21.2 9.5 14.3

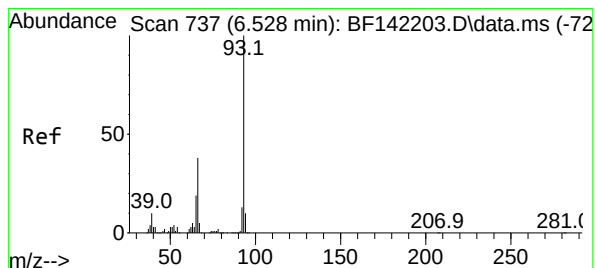
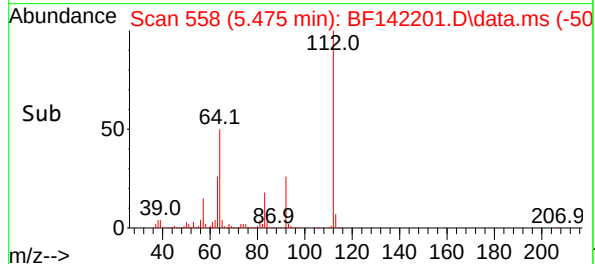
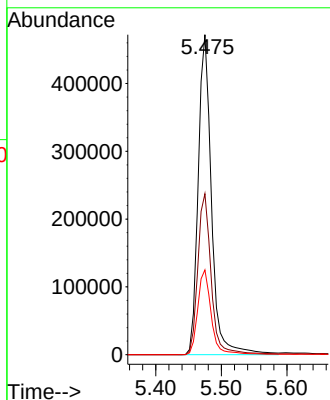
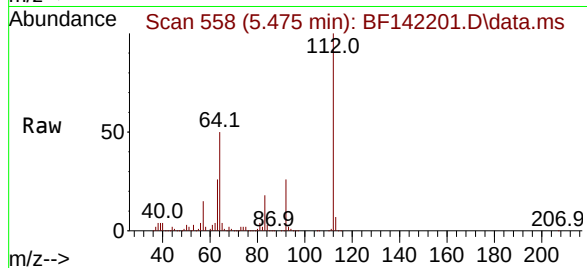




#5
2-Fluorophenol
Concen: 20.764 ng
RT: 5.475 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

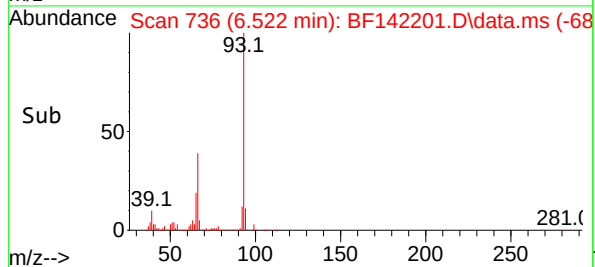
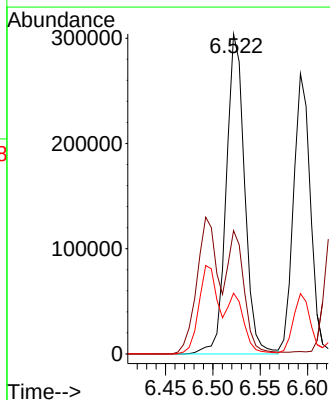
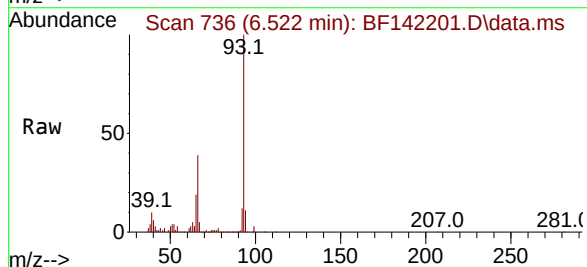
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

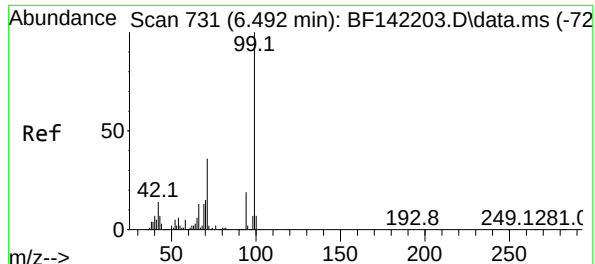
Tgt Ion:	112	Resp:	668900
Ion Ratio	Lower	Upper	
112	100		
64	50.3	40.9	61.3
63	26.5	22.0	33.0



#6
Aniline
Concen: 11.015 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:	93	Resp:	410337
Ion Ratio	Lower	Upper	
93	100		
66	38.5	30.9	46.3
65	19.0	15.1	22.7





#7

Phenol-d6

Concen: 21.441 ng

RT: 6.481 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

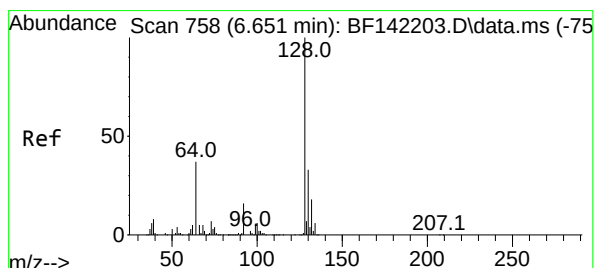
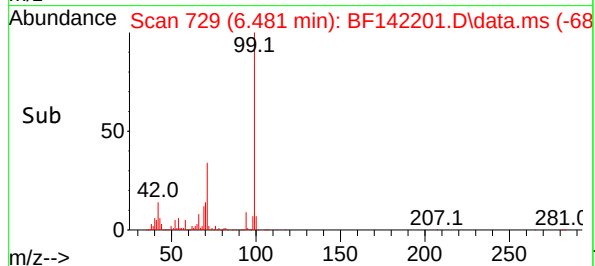
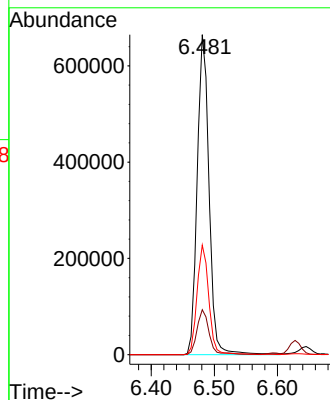
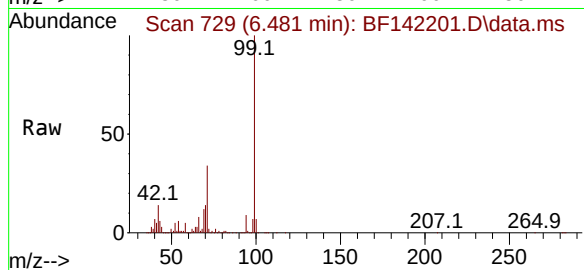
Tgt Ion: 99 Resp: 865031

Ion Ratio Lower Upper

99 100

42 14.0 11.5 17.3

71 34.3 28.6 42.8



#8

2-Chlorophenol

Concen: 10.413 ng

RT: 6.645 min Scan# 757

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

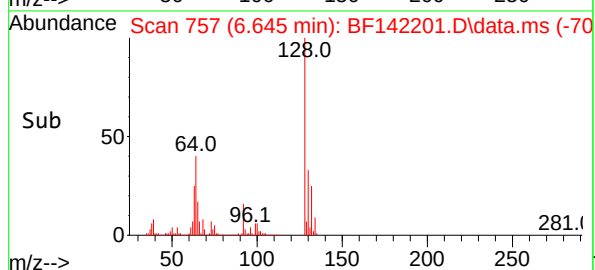
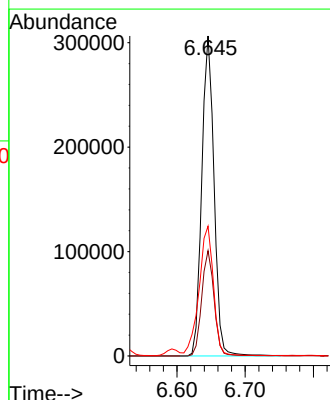
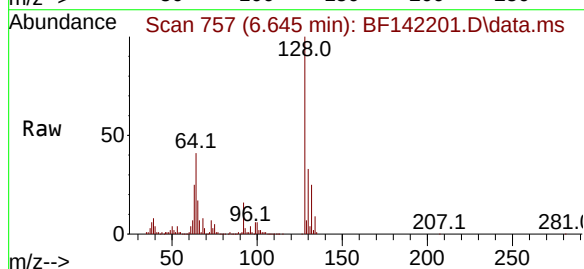
Tgt Ion: 128 Resp: 383978

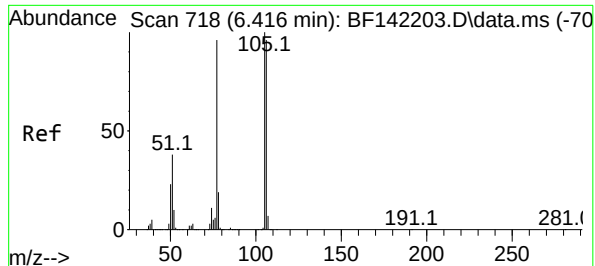
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 40.6 18.8 58.8





#9

Benzaldehyde

Concen: 11.553 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

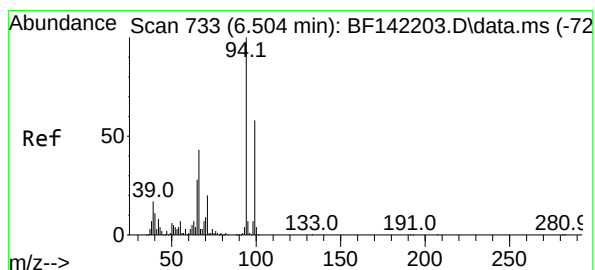
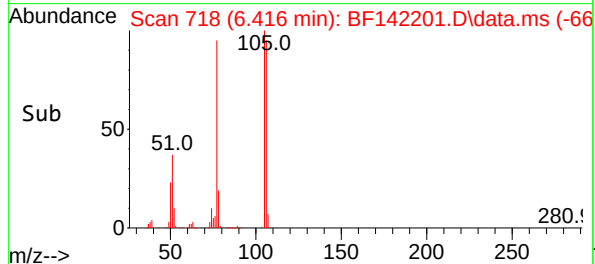
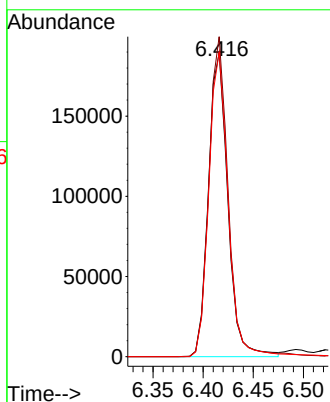
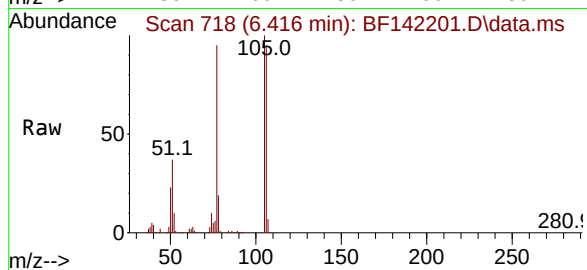
BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 255898

Ion	Ratio	Lower	Upper
77	100		
105	105.3	84.4	124.4
106	100.2	80.3	120.3



#10

Phenol

Concen: 10.527 ng

RT: 6.498 min Scan# 732

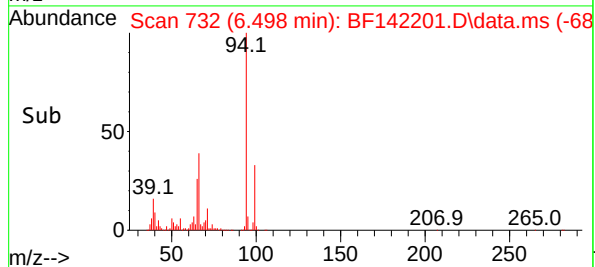
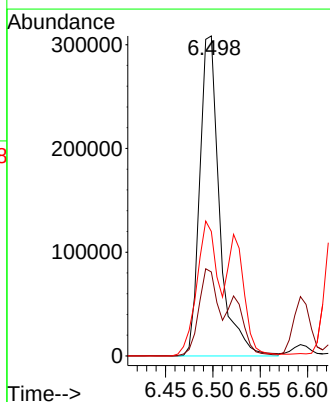
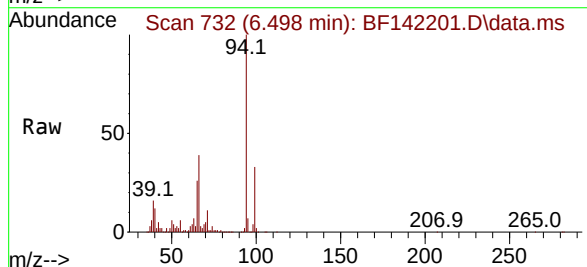
Delta R.T. -0.006 min

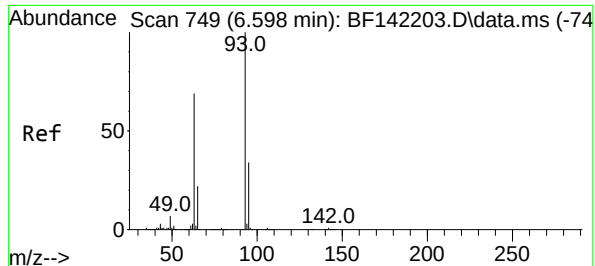
Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion: 94 Resp: 447957

Ion	Ratio	Lower	Upper
94	100		
65	26.2	8.1	48.1
66	38.9	22.7	62.7

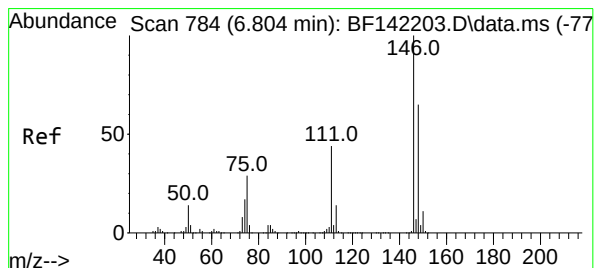
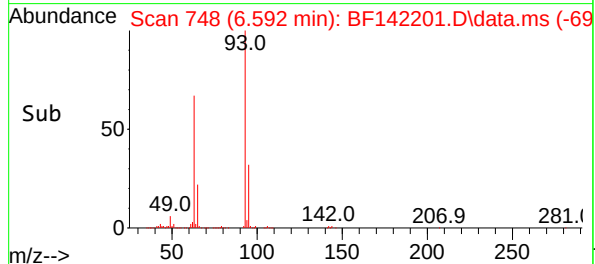
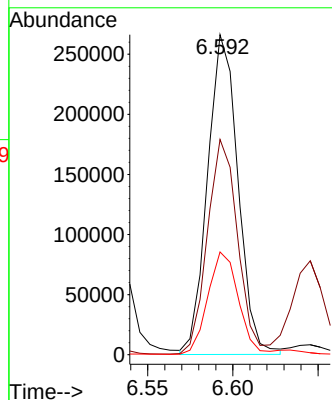
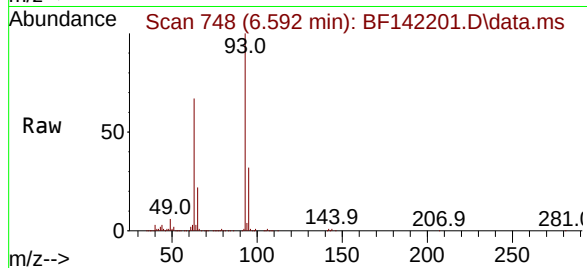




#11
bis(2-Chloroethyl)ether
Concen: 10.300 ng
RT: 6.592 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

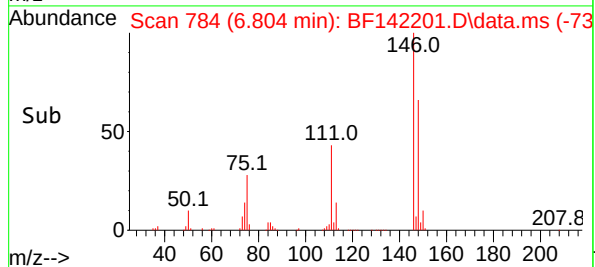
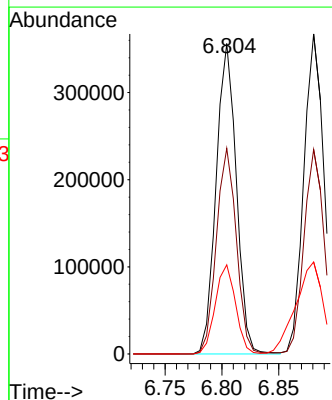
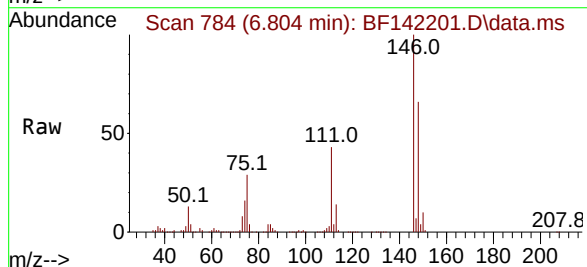
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

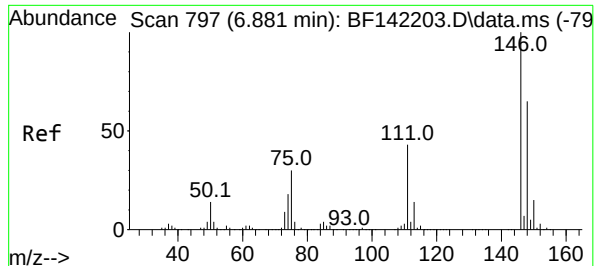
Tgt Ion: 93 Resp: 330518
Ion Ratio Lower Upper
93 100
63 67.3 47.9 87.9
95 32.1 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 10.548 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 146 Resp: 440763
Ion Ratio Lower Upper
146 100
148 66.2 51.7 77.5
75 28.7 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 10.623 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

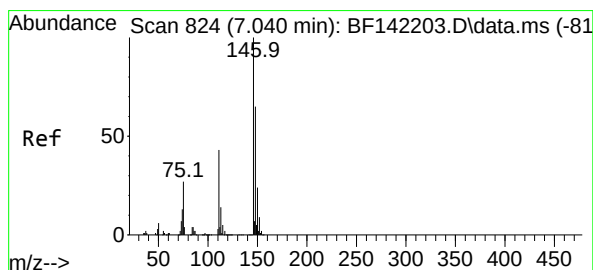
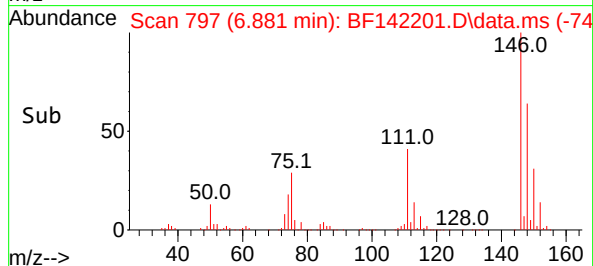
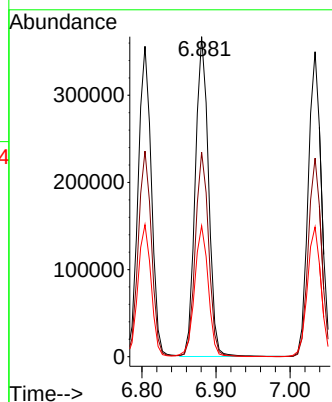
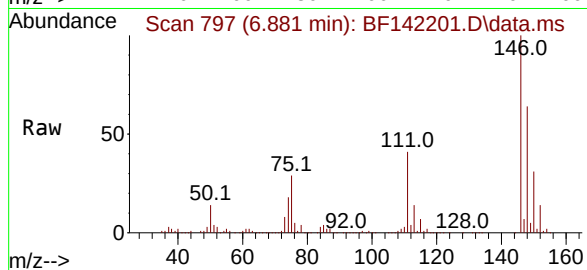
Tgt Ion:146 Resp: 455256

Ion Ratio Lower Upper

146 100

148 63.9 52.4 78.6

111 40.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 10.813 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

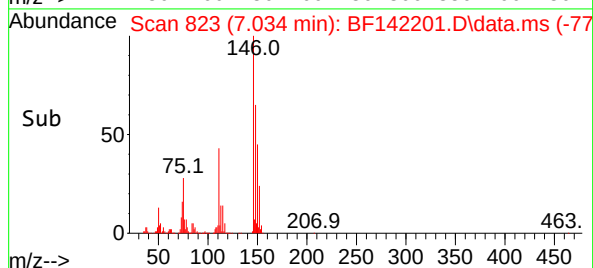
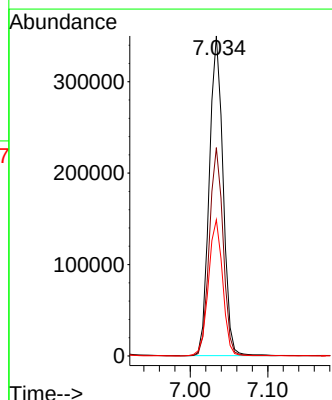
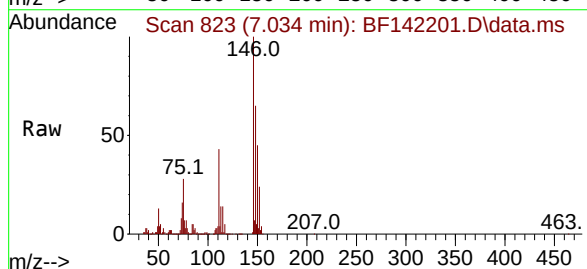
Tgt Ion:146 Resp: 431115

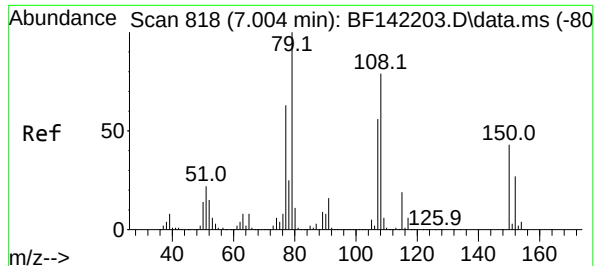
Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.4

111 42.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 10.107 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

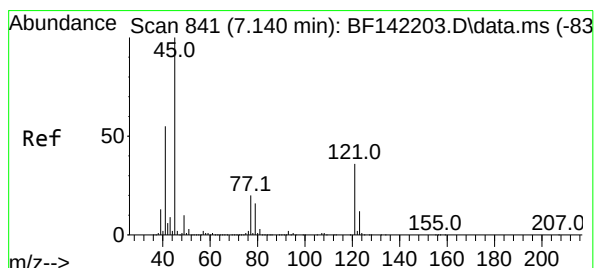
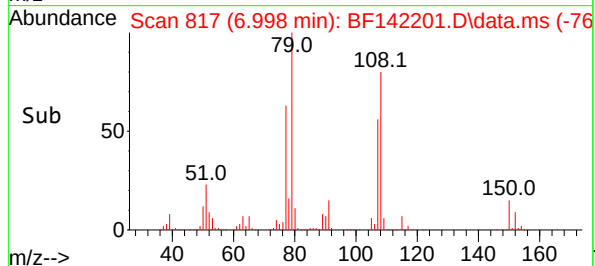
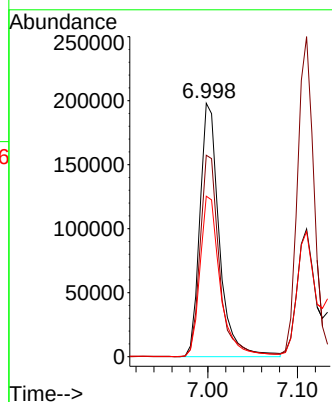
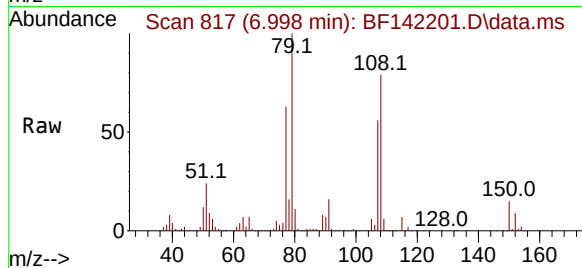
Tgt Ion: 79 Resp: 297318

Ion Ratio Lower Upper

79 100

108 79.5 63.1 94.7

77 63.3 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.506 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

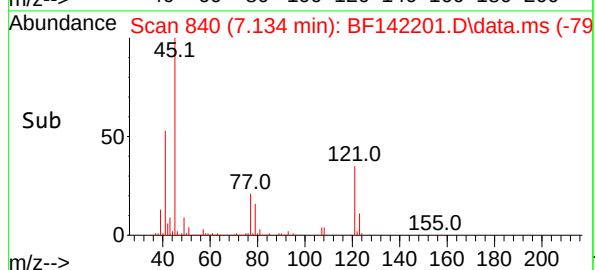
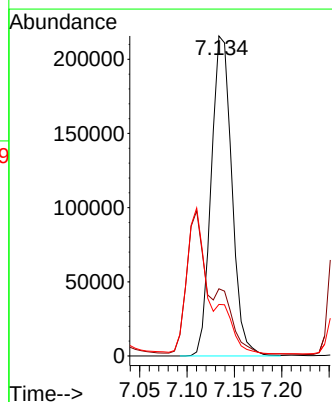
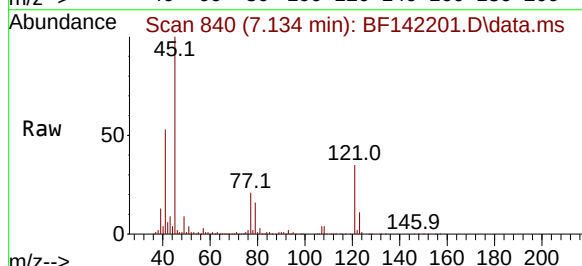
Tgt Ion: 45 Resp: 326802

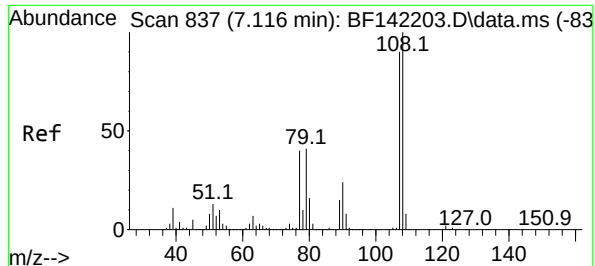
Ion Ratio Lower Upper

45 100

77 21.0 1.4 41.4

79 16.1 0.0 36.7

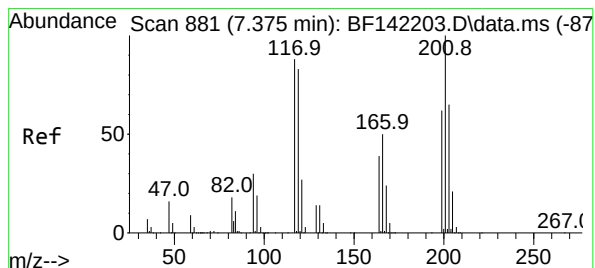
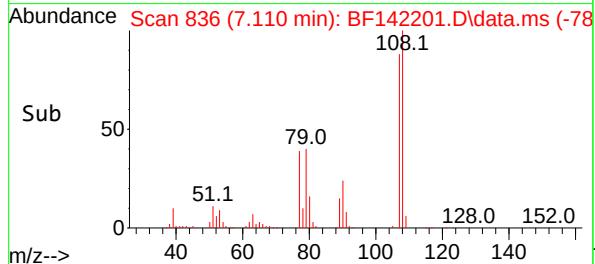
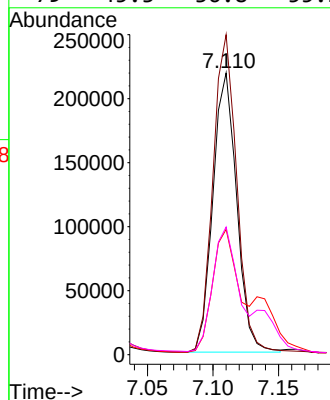
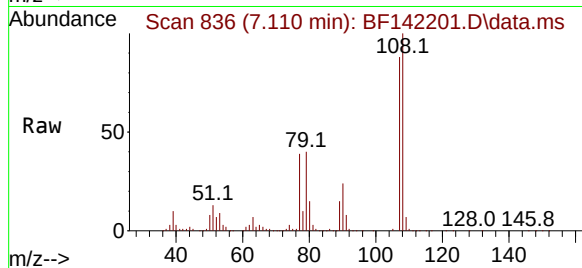




#17
2-Methylphenol
Concen: 9.927 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

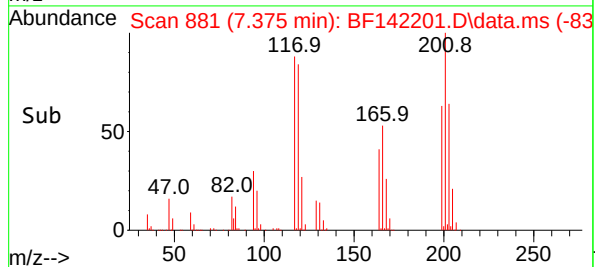
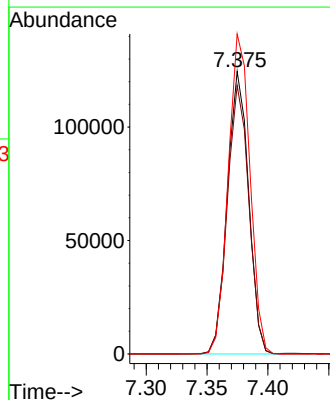
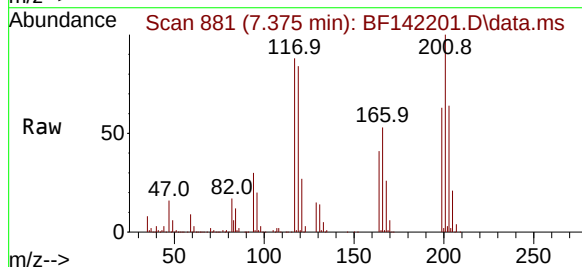
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

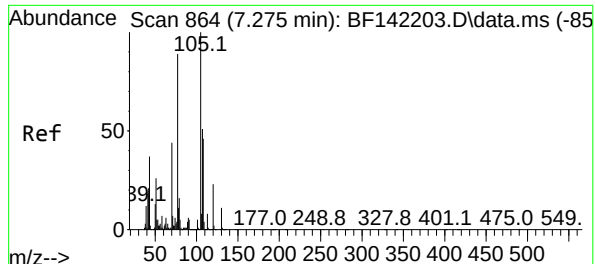
Tgt Ion:107 Resp: 275506
Ion Ratio Lower Upper
107 100
108 113.6 89.4 134.2
77 44.5 36.3 54.5
79 45.3 36.8 55.2



#18
Hexachloroethane
Concen: 10.416 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:117 Resp: 151652
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 113.3 91.4 137.0





#19

n-Nitroso-di-n-propylamine

Concen: 10.682 ng

RT: 7.263 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF142201.D

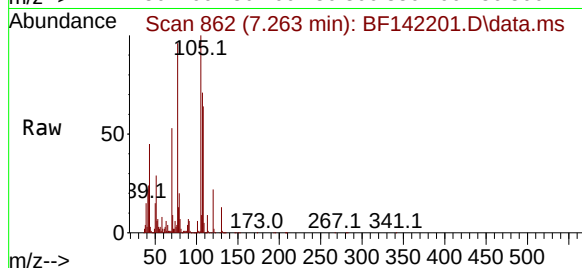
Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 243693

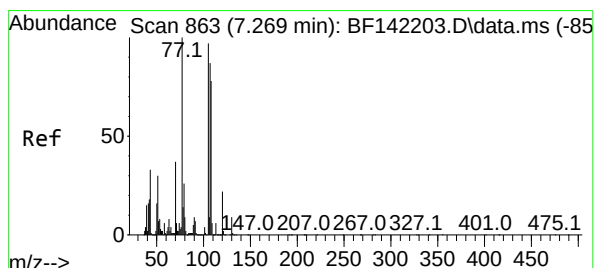
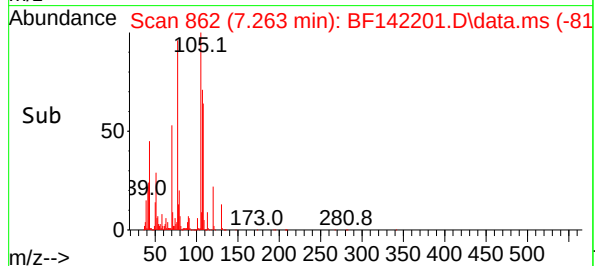
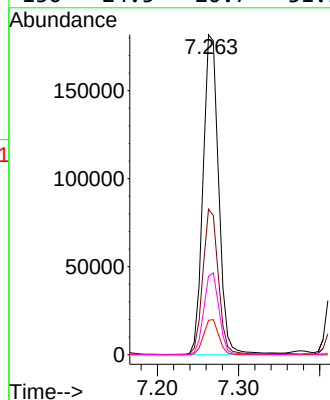
Ion Ratio Lower Upper

70 100

42 45.5 37.4 56.0

101 10.8 8.6 13.0

130 24.5 20.7 31.1



#20

3+4-Methylphenols

Concen: 10.541 ng

RT: 7.263 min Scan# 862

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion: 107 Resp: 363854

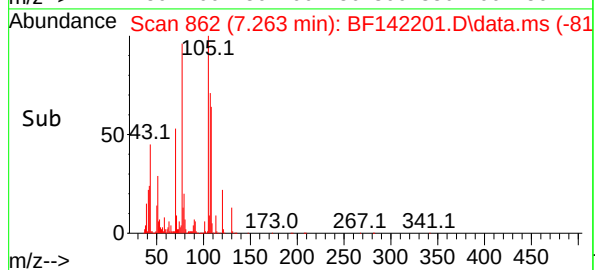
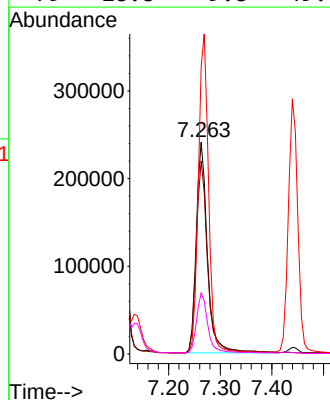
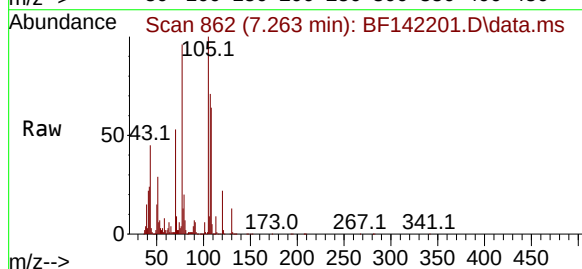
Ion Ratio Lower Upper

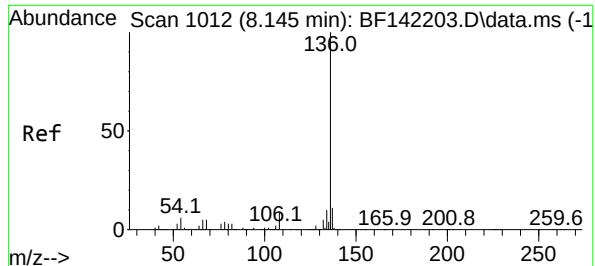
107 100

108 91.2 69.8 109.8

77 135.6 94.5 134.5#

79 28.8 9.8 49.8

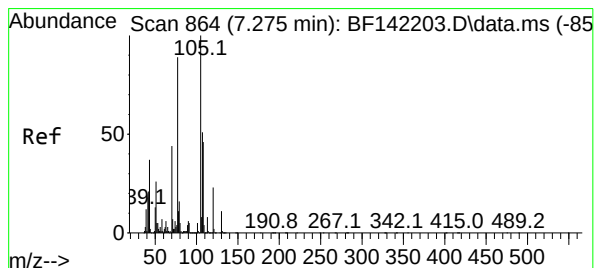
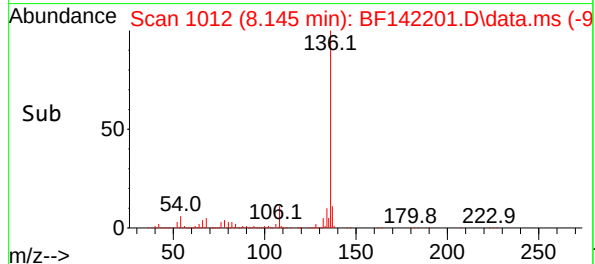
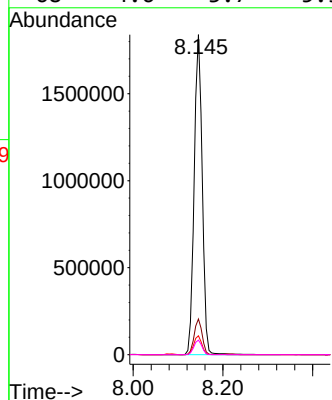
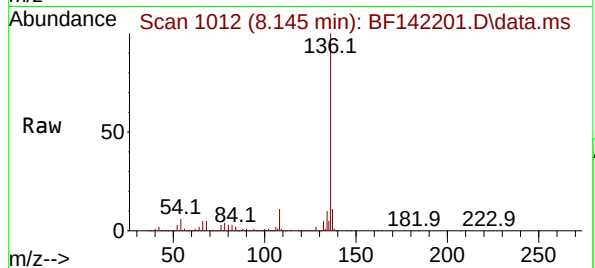




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

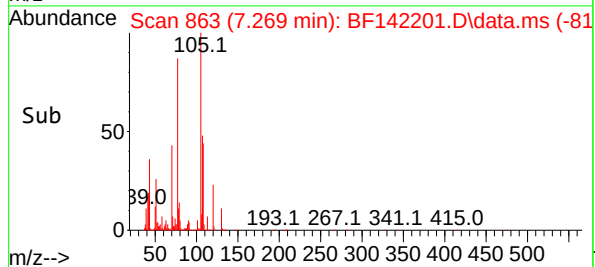
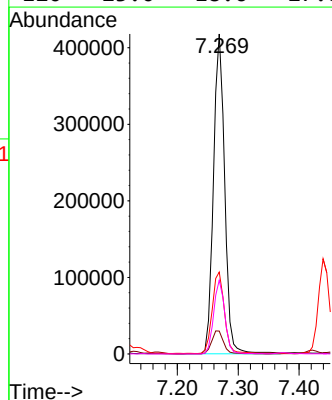
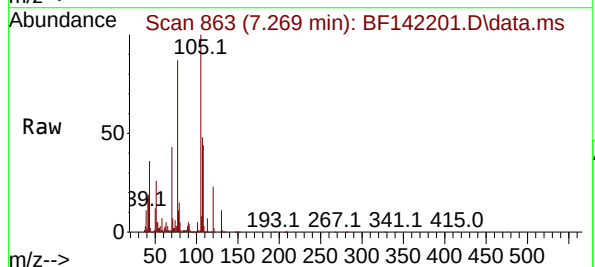
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

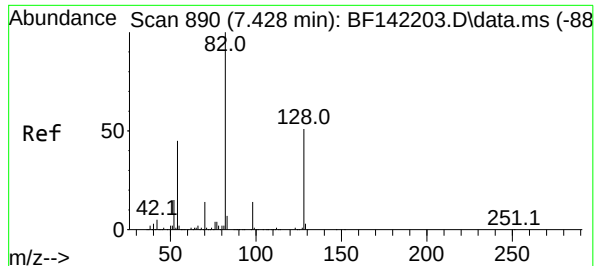
Tgt Ion:136 Resp: 2290040
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 5.9 4.7 7.1
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 10.658 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:105 Resp: 535731
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.8
51 25.6 20.9 31.3
120 23.0 18.6 27.8





#23

Nitrobenzene-d5

Concen: 20.896 ng

RT: 7.422 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

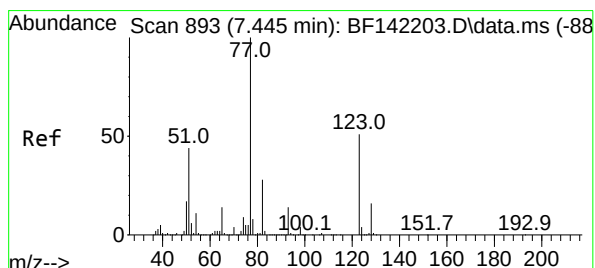
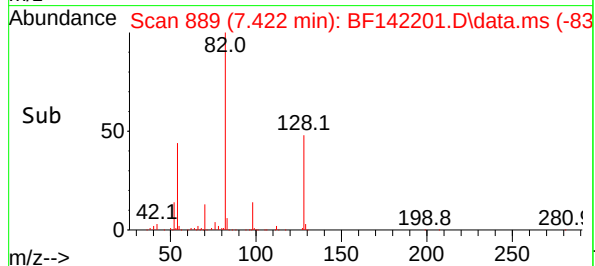
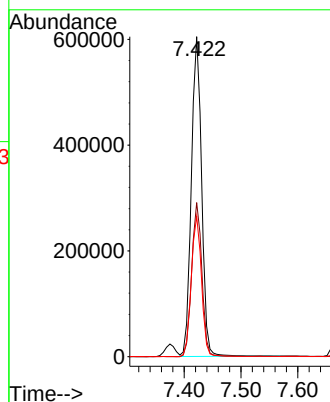
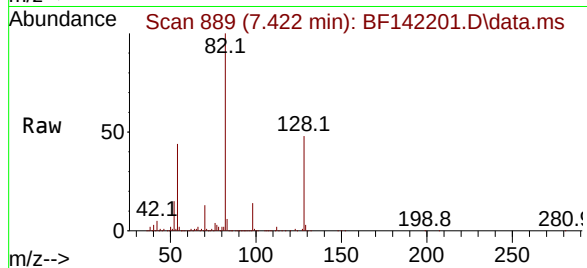
Tgt Ion: 82 Resp: 761958

Ion Ratio Lower Upper

82 100

128 48.1 40.2 60.2

54 43.9 35.5 53.3



#24

Nitrobenzene

Concen: 10.096 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

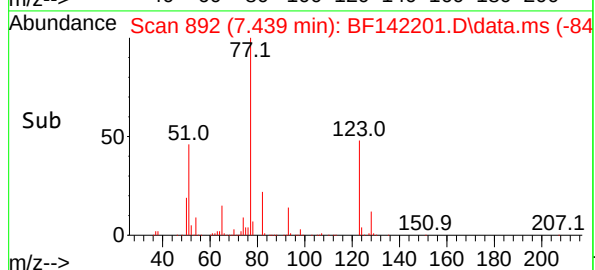
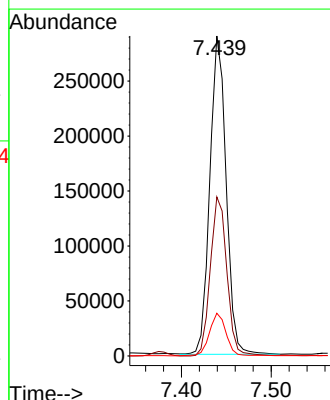
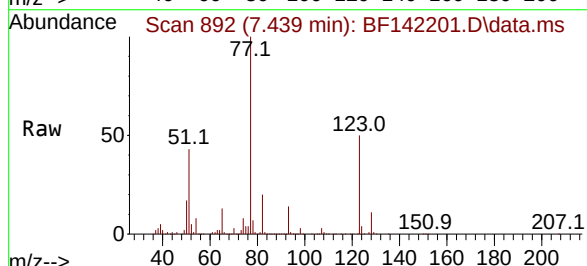
Tgt Ion: 77 Resp: 364725

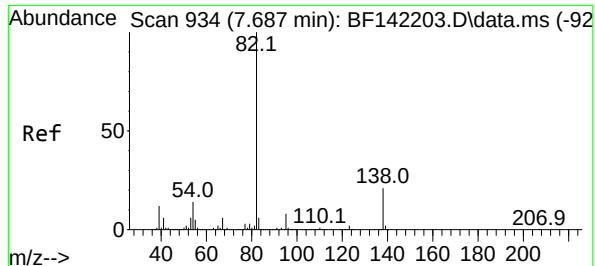
Ion Ratio Lower Upper

77 100

123 49.7 40.7 61.1

65 13.3 10.9 16.3

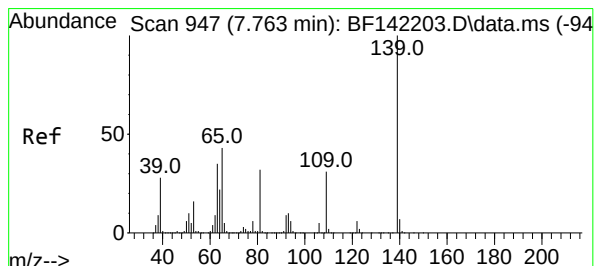
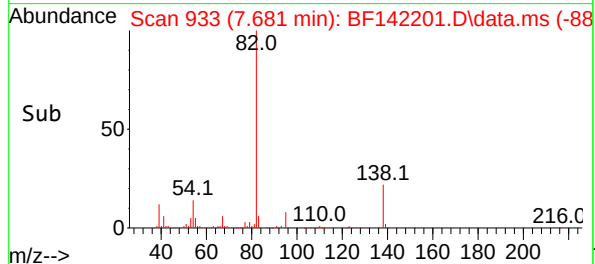
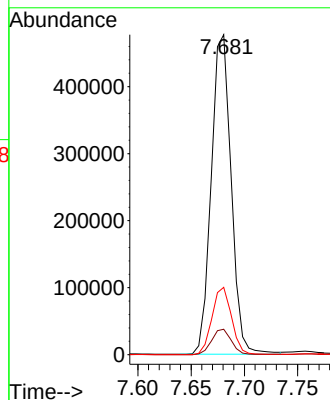
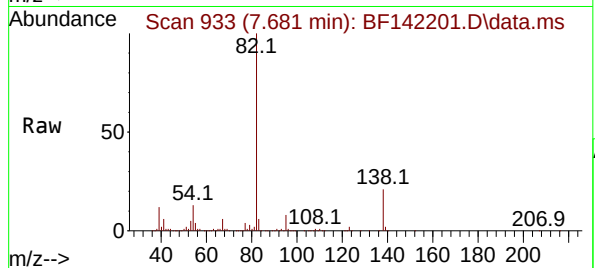




#25
Isophorone
Concen: 10.117 ng
RT: 7.681 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

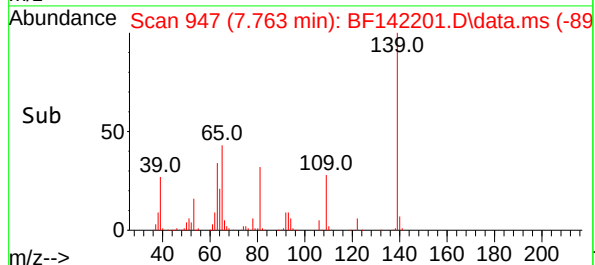
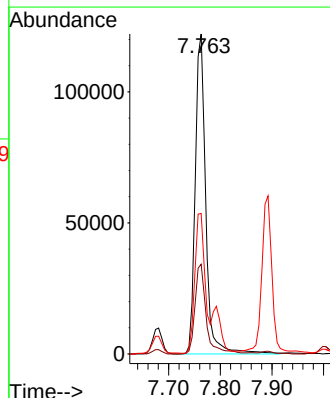
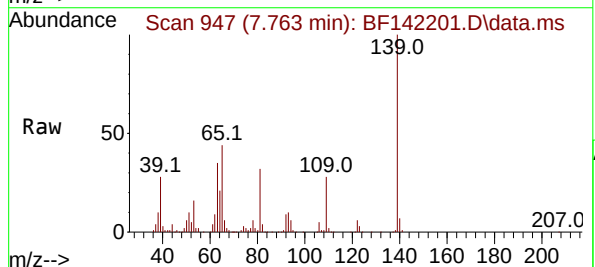
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

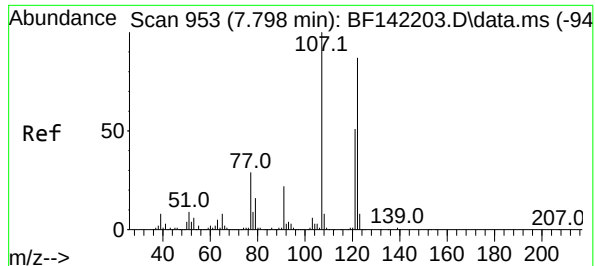
Tgt Ion: 82 Resp: 619226
Ion Ratio Lower Upper
82 100
95 8.0 6.5 9.7
138 21.1 16.9 25.3



#26
2-Nitrophenol
Concen: 9.091 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 139 Resp: 172633
Ion Ratio Lower Upper
139 100
109 28.0 24.4 36.6
65 43.9 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 9.564 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

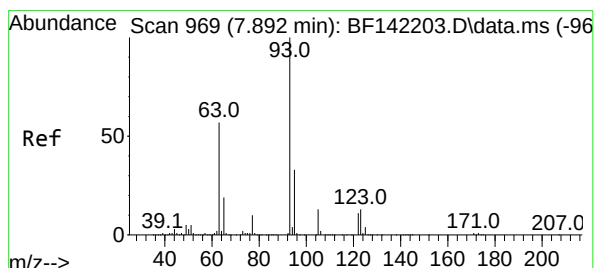
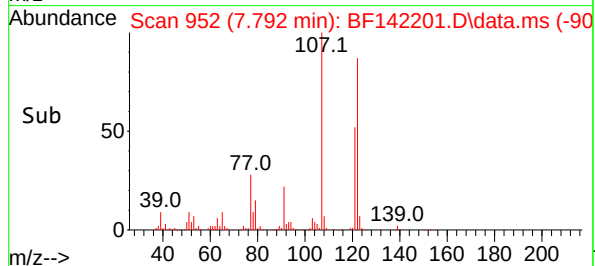
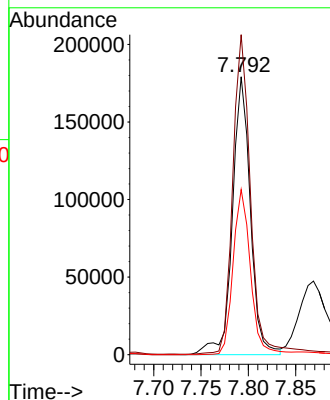
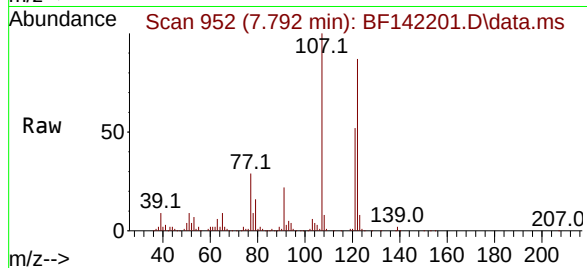
Tgt Ion:122 Resp: 236130

Ion Ratio Lower Upper

122 100

107 115.1 91.6 137.4

121 59.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 10.380 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

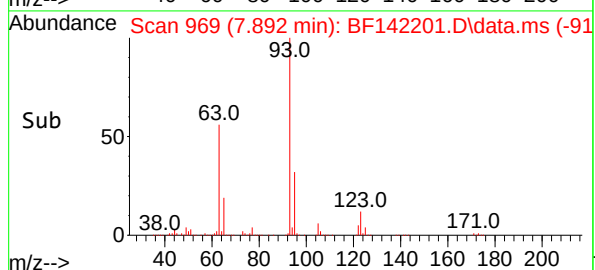
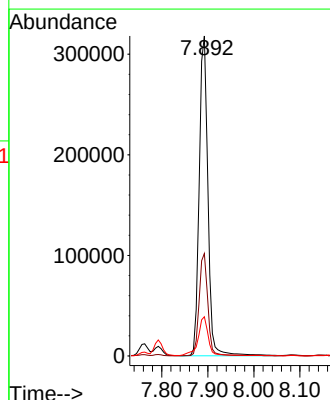
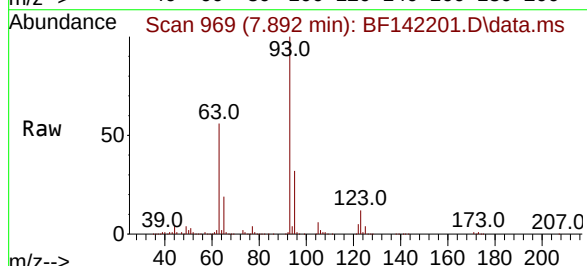
Tgt Ion: 93 Resp: 416997

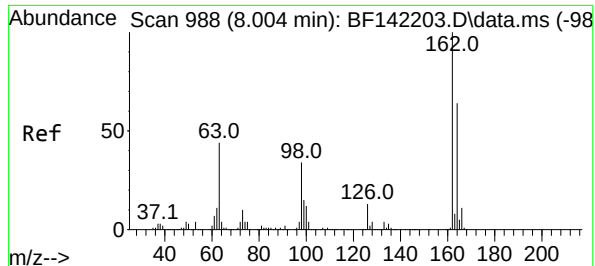
Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

123 12.3 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 9.941 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

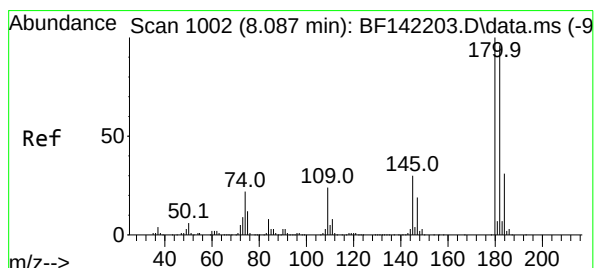
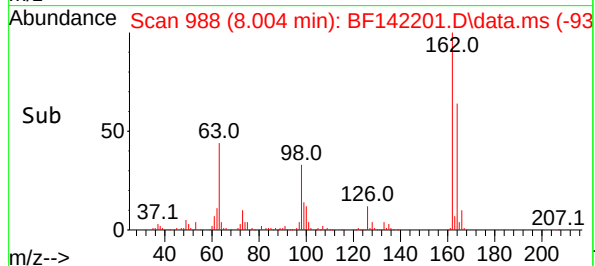
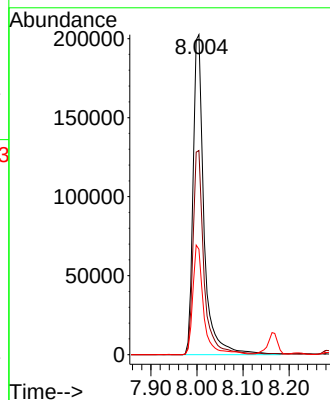
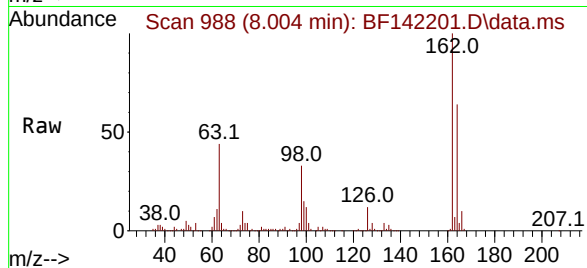
Tgt Ion:162 Resp: 333804

Ion Ratio Lower Upper

162 100

164 63.8 44.2 84.2

98 32.9 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 10.203 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

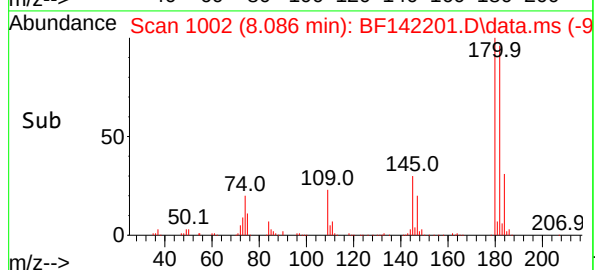
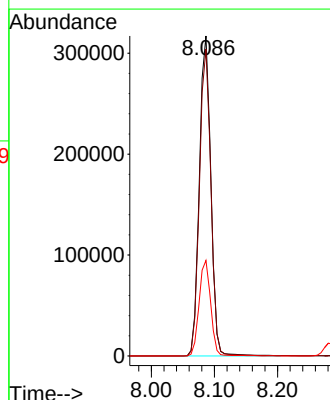
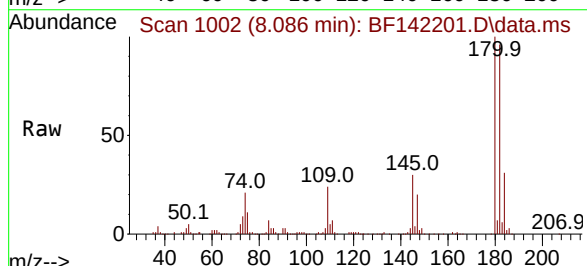
Tgt Ion:180 Resp: 400647

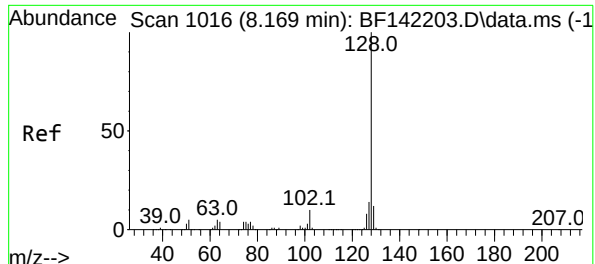
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 29.8 24.3 36.5

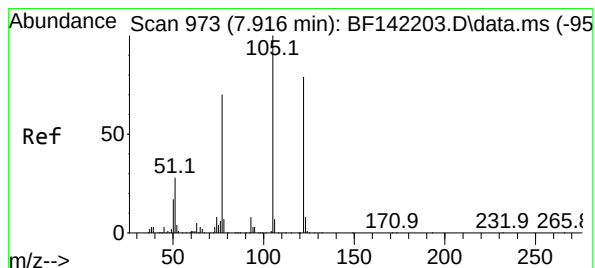
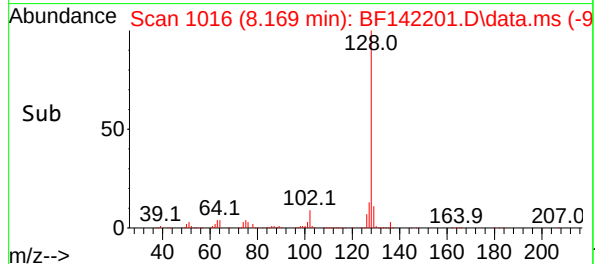
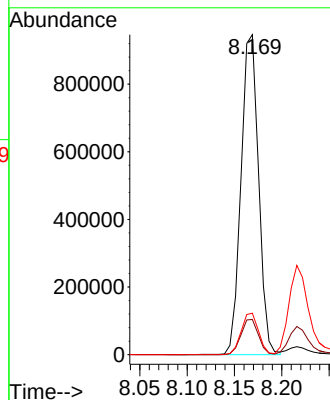
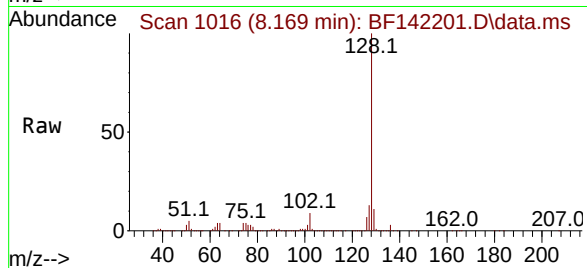




#31
Naphthalene
Concen: 11.247 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

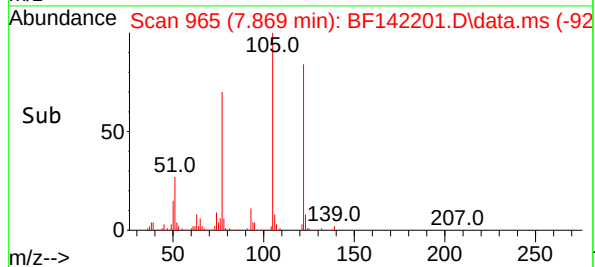
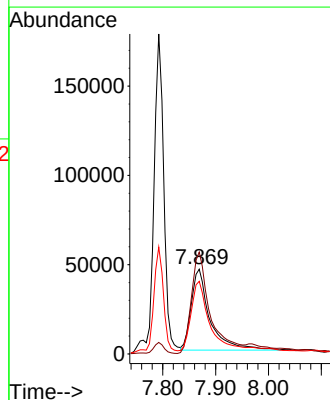
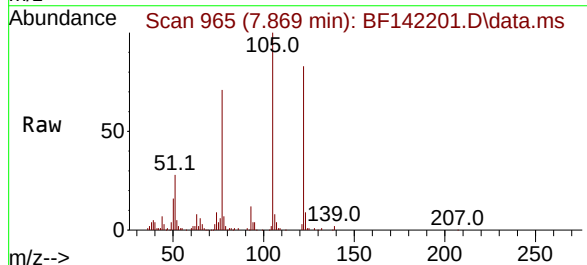
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

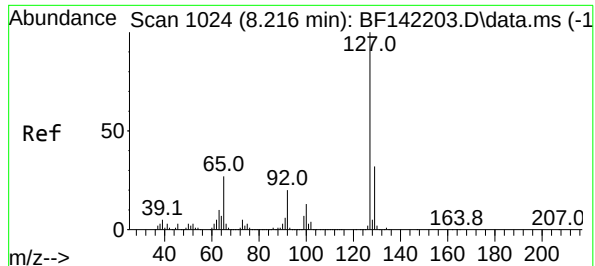
Tgt Ion:128 Resp: 1216644
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 12.9 11.4 17.0



#32
Benzoic acid
Concen: 11.078 ng m
RT: 7.869 min Scan# 965
Delta R.T. -0.047 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:122 Resp: 111931
Ion Ratio Lower Upper
122 100
105 120.1 101.5 141.5
77 85.8 66.6 106.6





#33

4-Chloroaniline

Concen: 10.405 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 407584

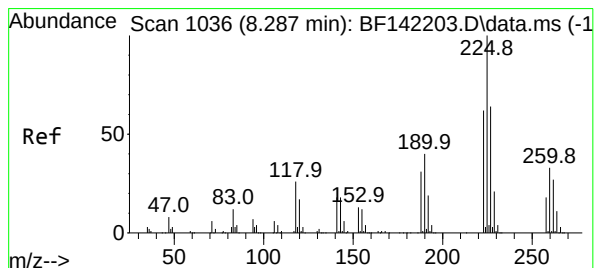
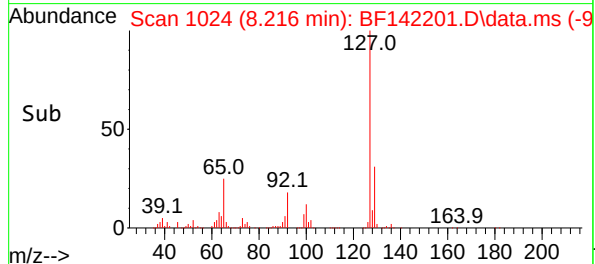
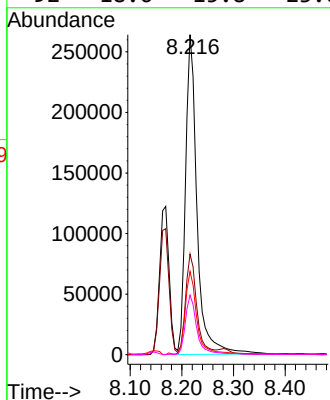
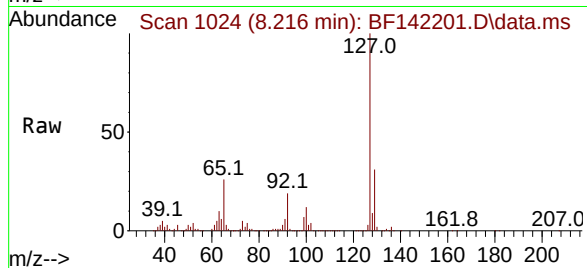
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 26.0 21.8 32.6

92 18.6 15.8 23.6



#34

Hexachlorobutadiene

Concen: 10.210 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

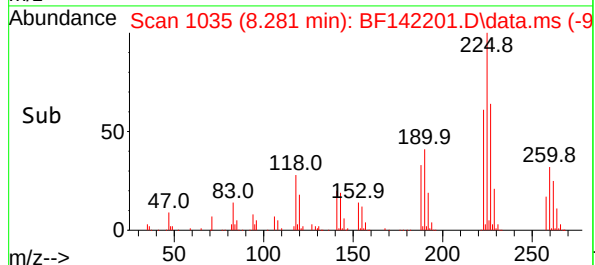
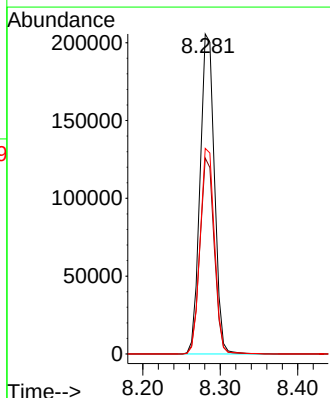
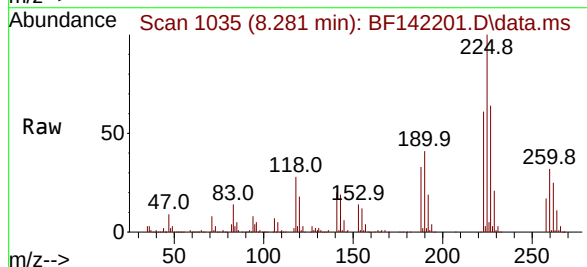
Tgt Ion:225 Resp: 264589

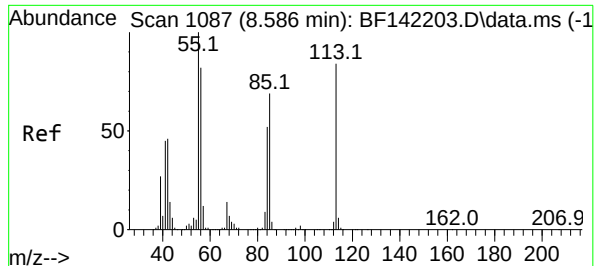
Ion Ratio Lower Upper

225 100

223 61.2 49.4 74.2

227 64.3 51.4 77.2

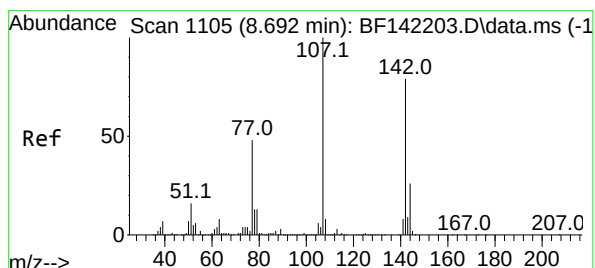
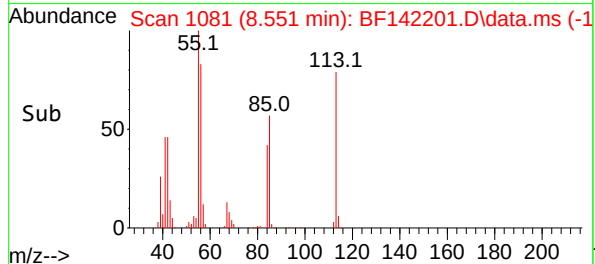
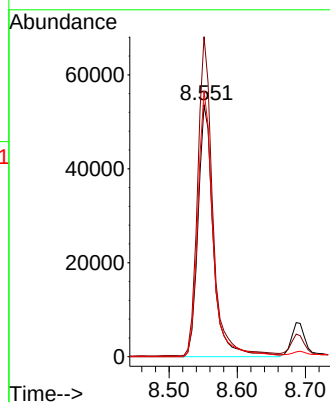
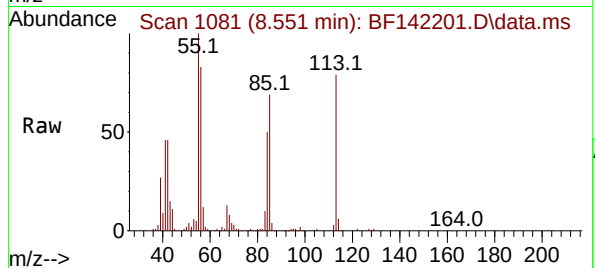




#35
Caprolactam
Concen: 9.345 ng
RT: 8.551 min Scan# 1104
Delta R.T. -0.035 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

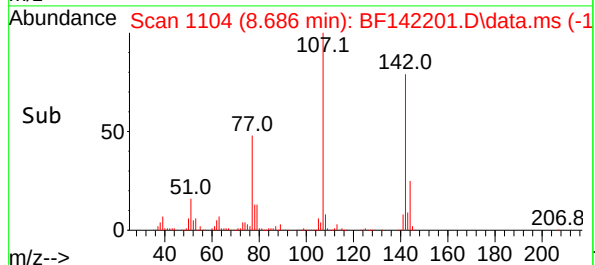
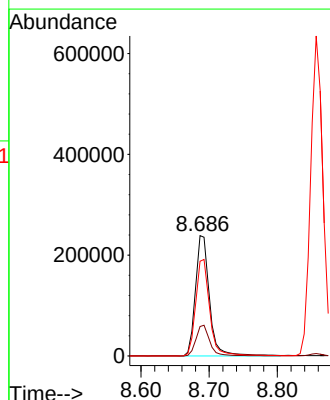
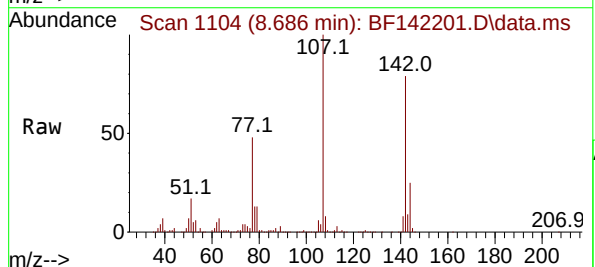
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

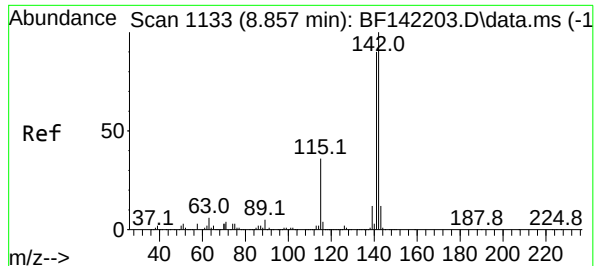
Tgt Ion:113 Resp: 83708
Ion Ratio Lower Upper
113 100
55 127.2 99.5 139.5
56 105.6 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 10.076 ng
RT: 8.686 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:107 Resp: 340608
Ion Ratio Lower Upper
107 100
144 24.6 20.6 30.8
142 78.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 10.755 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

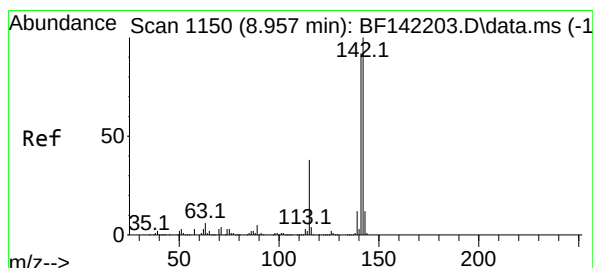
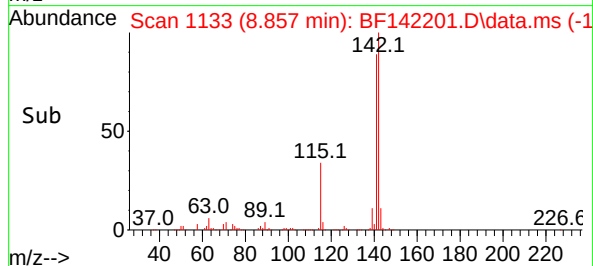
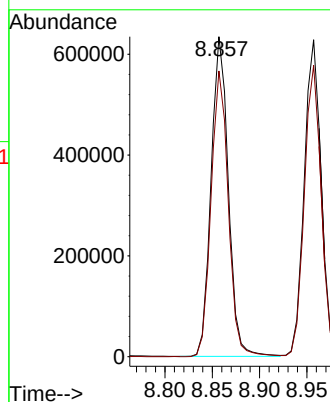
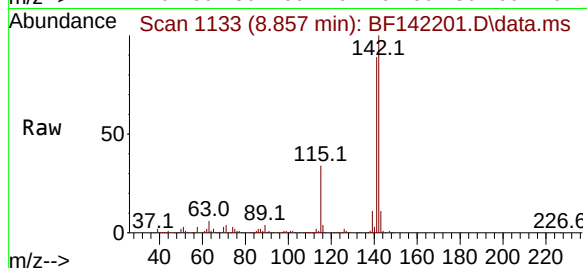
SSTDICC010

Tgt Ion:142 Resp: 804063

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 10.733 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF142201.D

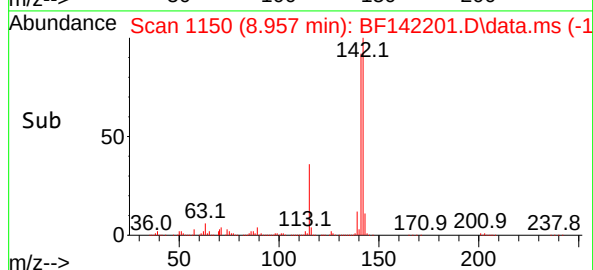
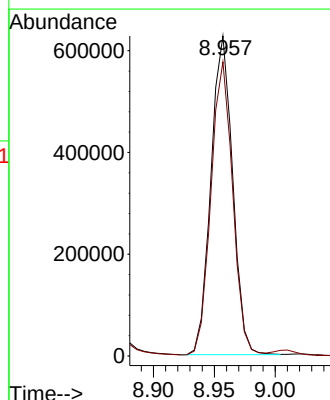
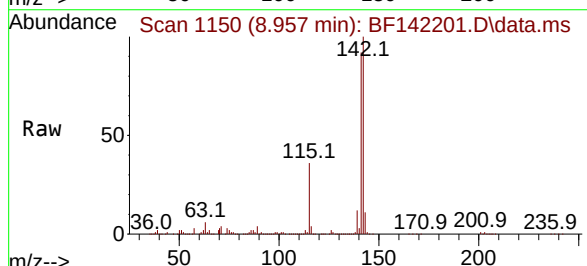
Acq: 21 Apr 2025 12:09

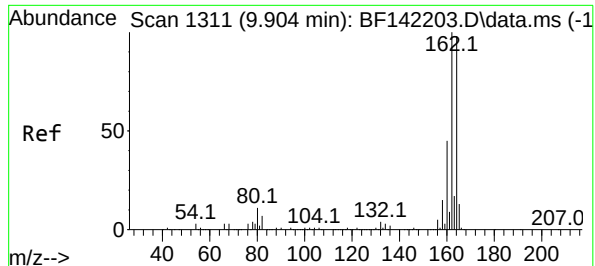
Tgt Ion:142 Resp: 776949

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9

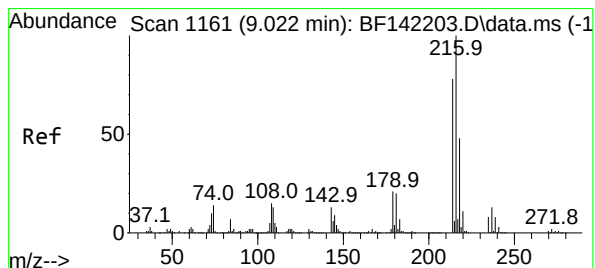
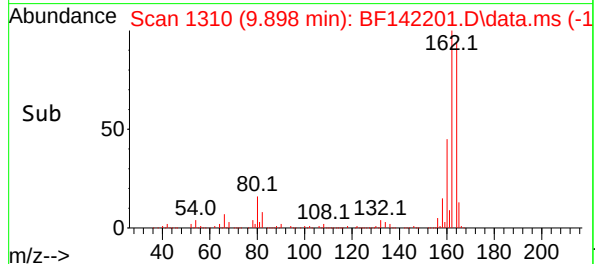
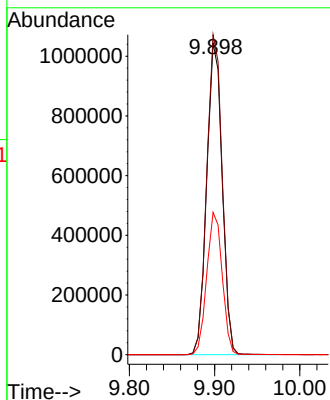
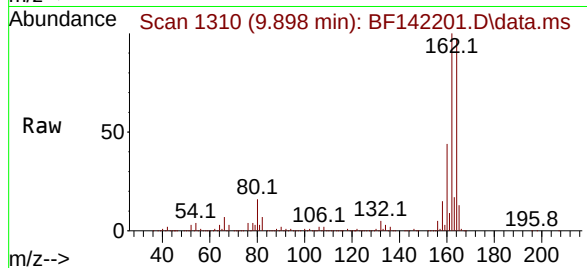




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

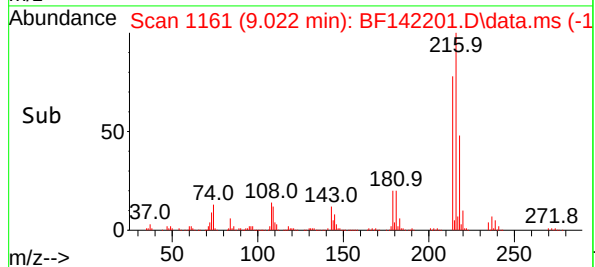
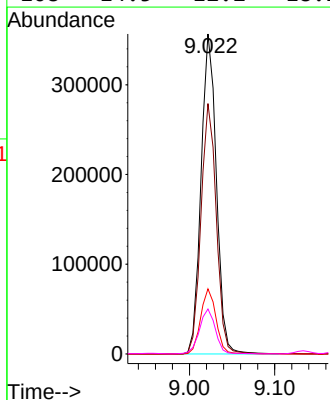
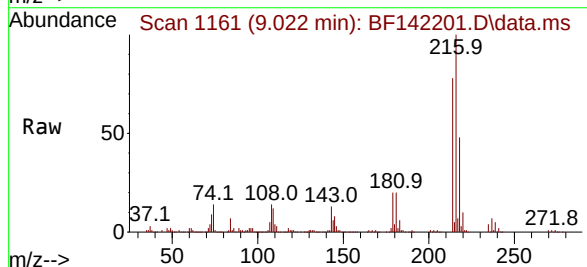
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

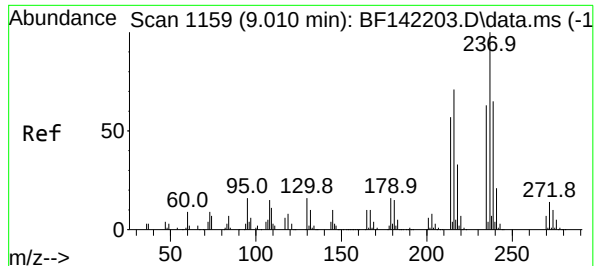
Tgt Ion:164 Resp: 1315585
Ion Ratio Lower Upper
164 100
162 102.7 81.9 122.9
160 45.7 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.357 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:216 Resp: 445815
Ion Ratio Lower Upper
216 100
214 78.2 62.7 94.1
179 20.4 16.7 25.1
108 14.5 12.2 18.2

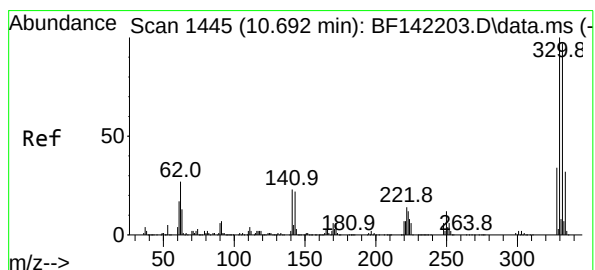
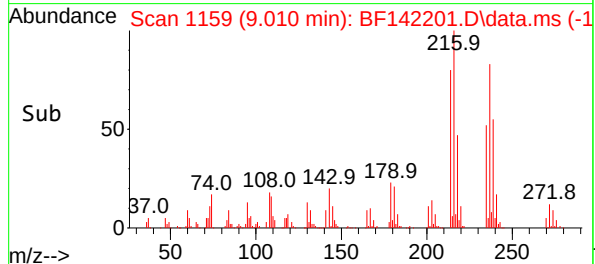
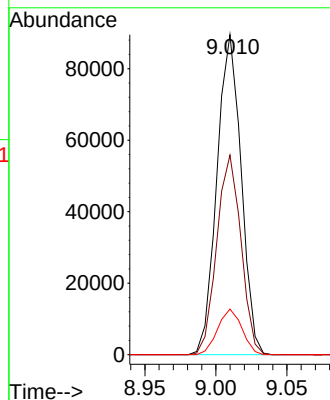
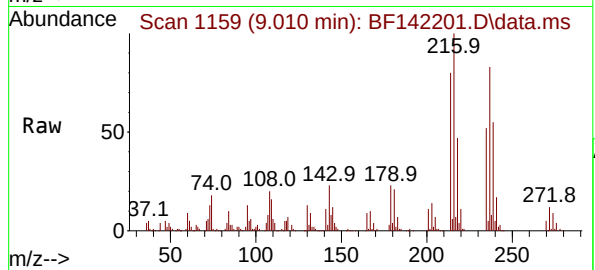




#41
Hexachlorocyclopentadiene
Concen: 8.039 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

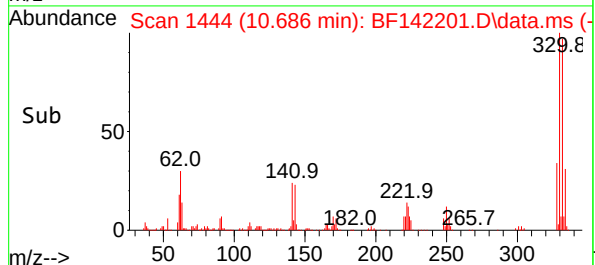
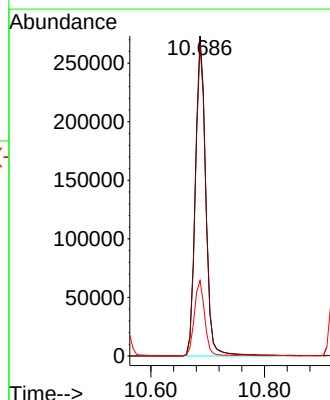
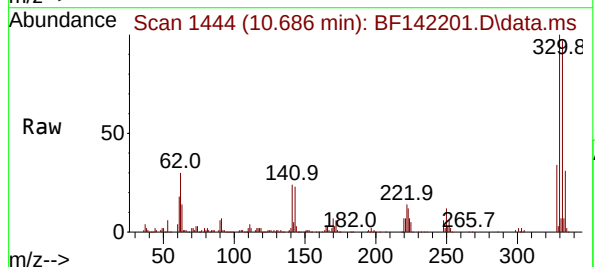
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

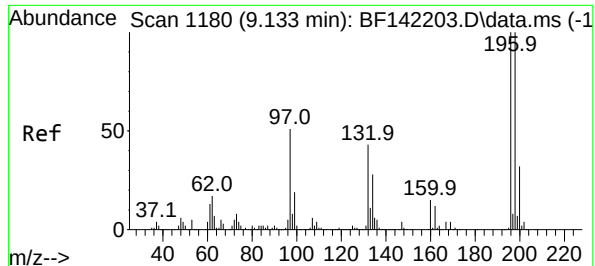
Tgt Ion:237 Resp: 106112
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 14.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 19.391 ng
RT: 10.686 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:330 Resp: 348797
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 23.6 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 9.600 ng

RT: 9.133 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

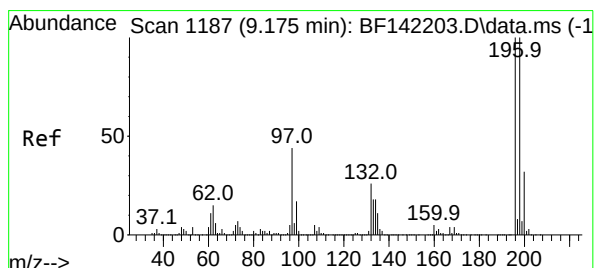
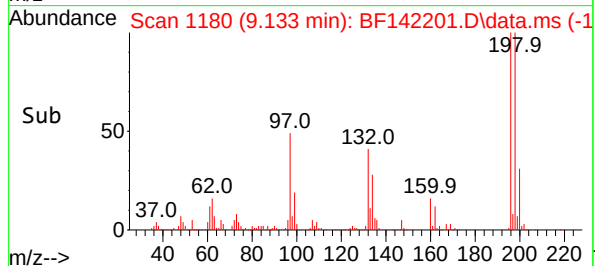
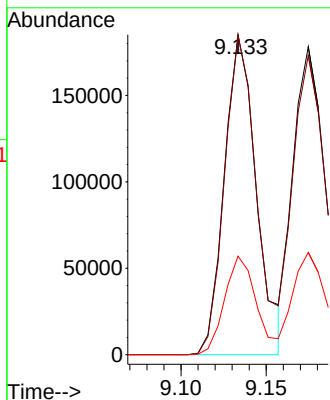
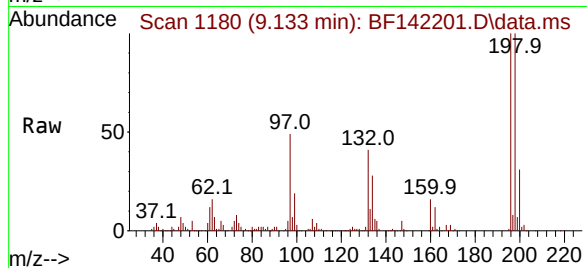
Tgt Ion:196 Resp: 241266

Ion Ratio Lower Upper

196 100

198 99.8 80.0 120.0

200 30.8 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 9.487 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Tgt Ion:196 Resp: 255557

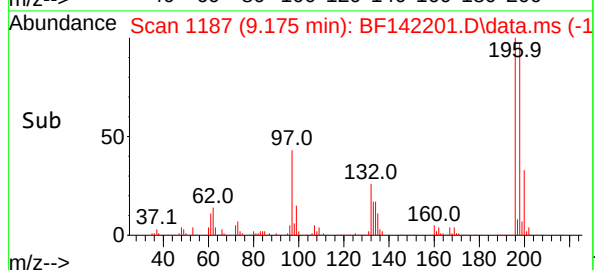
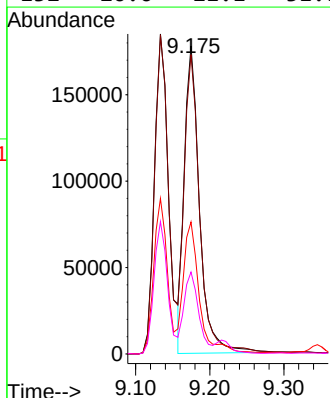
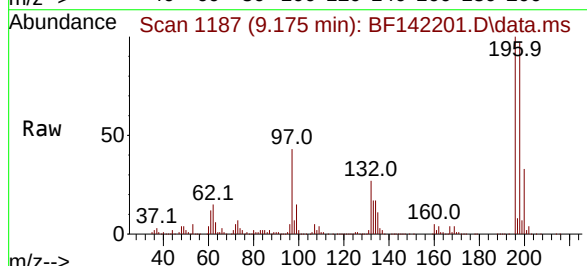
Ion Ratio Lower Upper

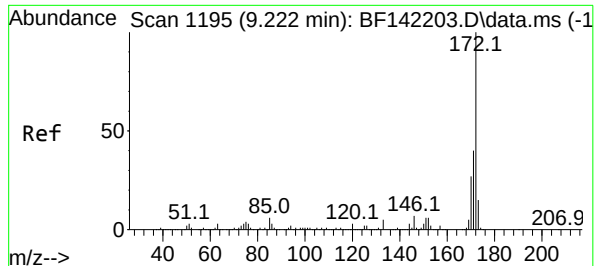
196 100

198 97.2 80.0 120.0

97 42.9 35.9 53.9

132 26.6 21.1 31.7

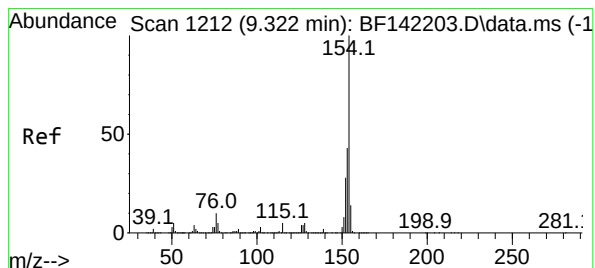
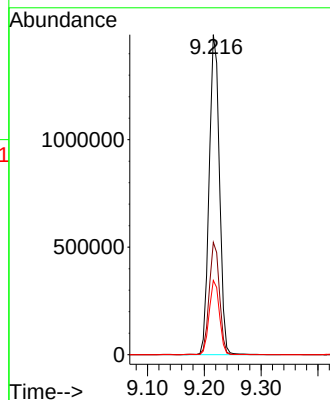
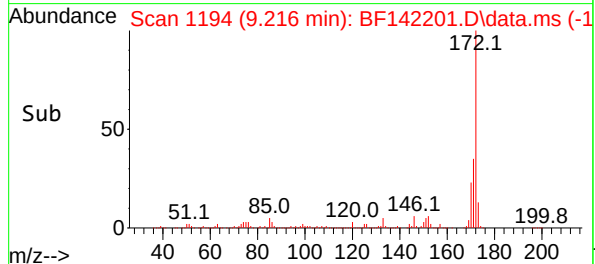
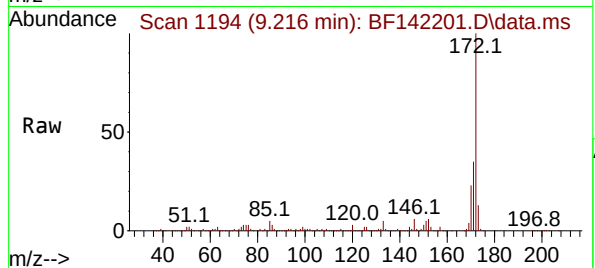




#45
2-Fluorobiphenyl
Concen: 23.089 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

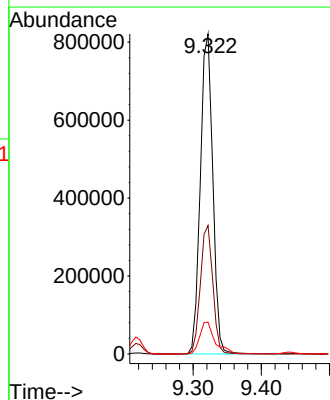
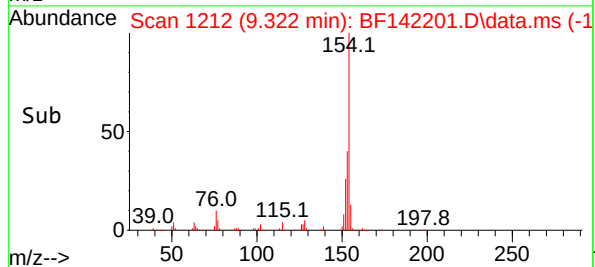
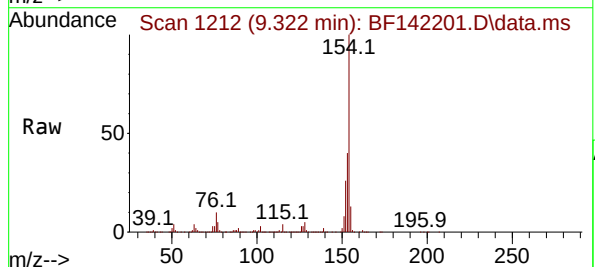
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

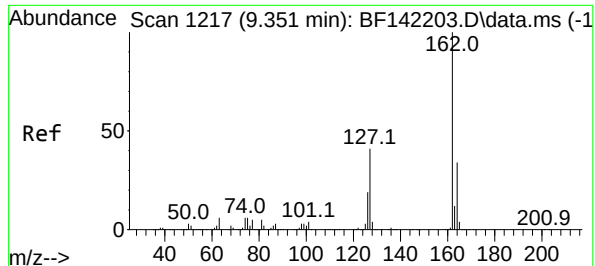
Tgt Ion:172 Resp: 1863623
Ion Ratio Lower Upper
172 100
171 35.1 32.1 48.1
170 23.2 21.4 32.0



#46
1,1'-Biphenyl
Concen: 11.037 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:154 Resp: 1041165
Ion Ratio Lower Upper
154 100
153 40.2 22.5 62.5
76 9.9 0.0 30.4





#47

2-Chloronaphthalene

Concen: 10.567 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

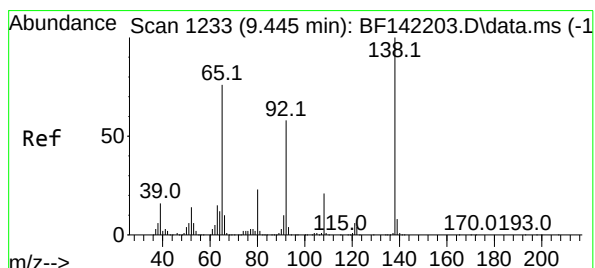
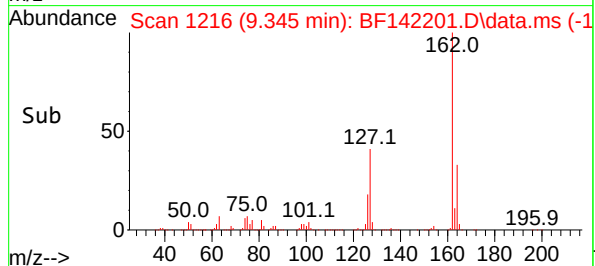
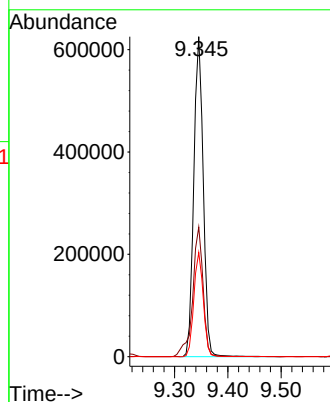
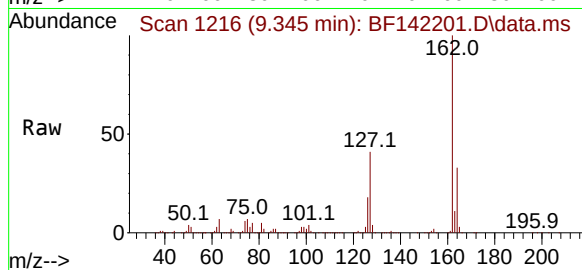
Tgt Ion:162 Resp: 773779

Ion Ratio Lower Upper

162 100

127 40.5 33.1 49.7

164 32.5 27.1 40.7



#48

2-Nitroaniline

Concen: 9.576 ng

RT: 9.439 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

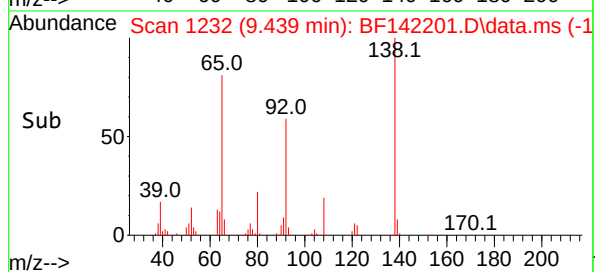
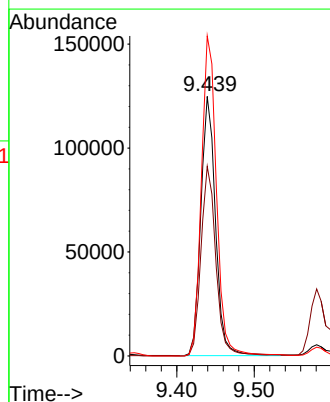
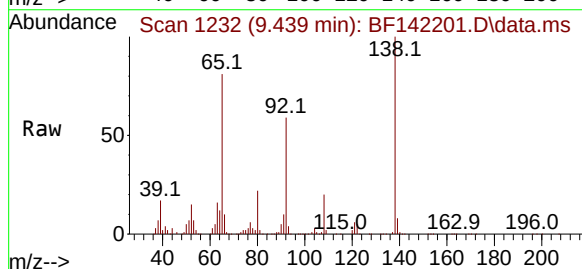
Tgt Ion: 65 Resp: 164363

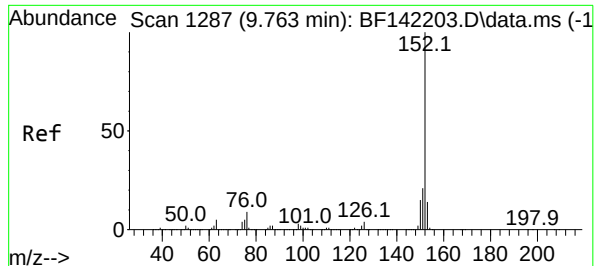
Ion Ratio Lower Upper

65 100

92 73.1 61.4 92.0

138 123.3 105.8 158.6





#49

Acenaphthylene

Concen: 10.811 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

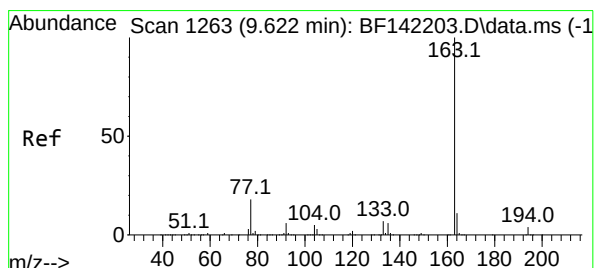
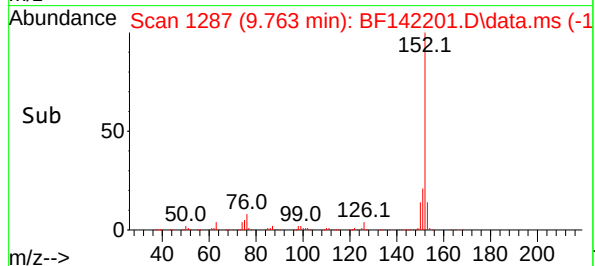
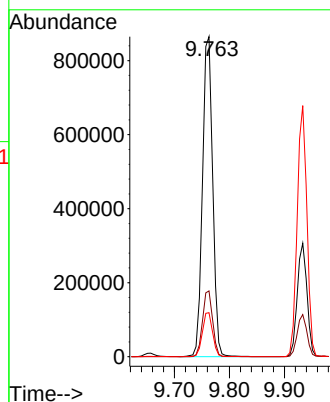
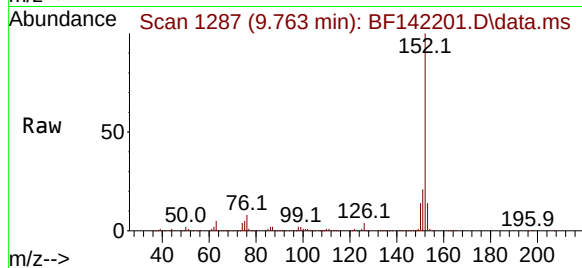
Tgt Ion:152 Resp: 1118944

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.7 11.6 17.4



#50

Dimethylphthalate

Concen: 10.308 ng

RT: 9.616 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

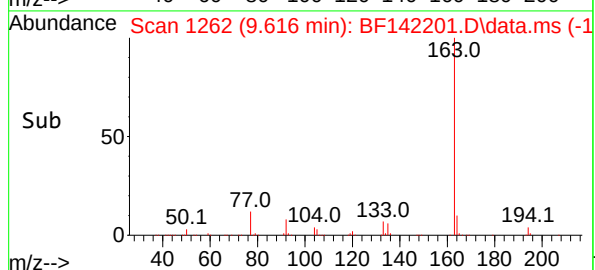
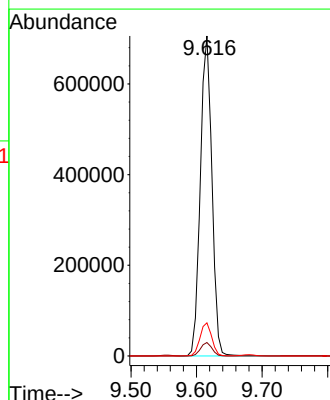
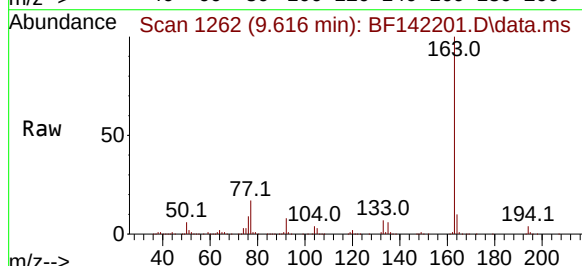
Tgt Ion:163 Resp: 869463

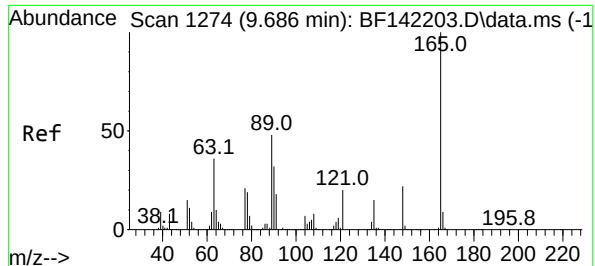
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.4 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 9.842 ng

RT: 9.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

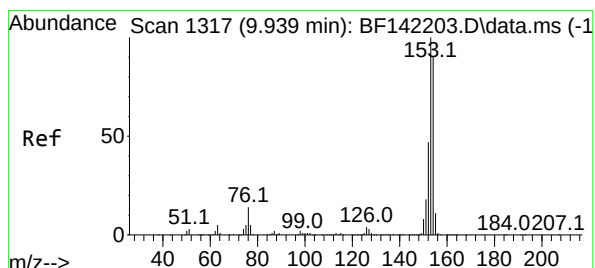
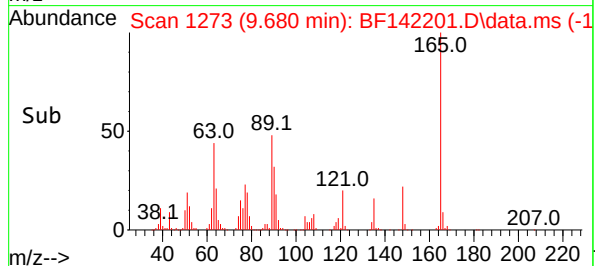
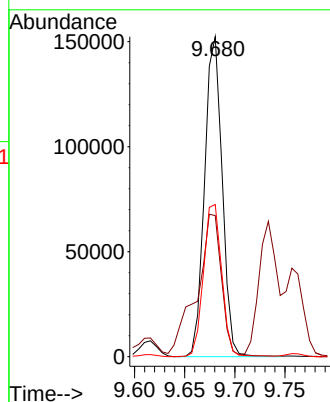
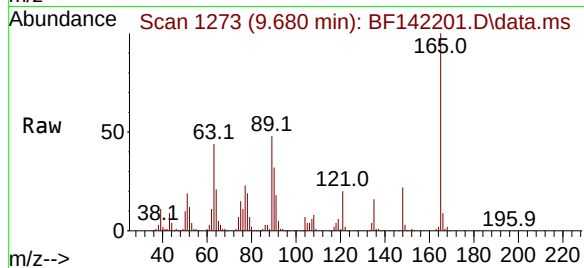
Tgt Ion:165 Resp: 186390

Ion Ratio Lower Upper

165 100

63 44.1 35.4 53.2

89 47.6 38.6 58.0



#52

Acenaphthene

Concen: 10.304 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

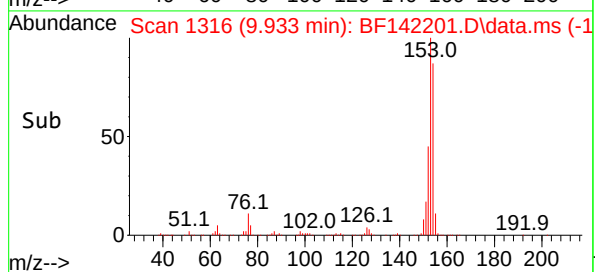
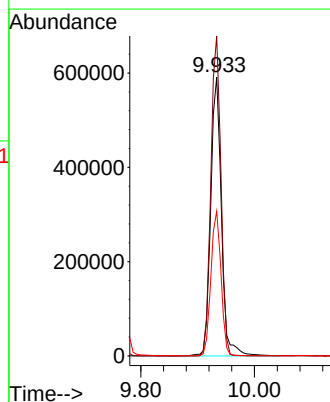
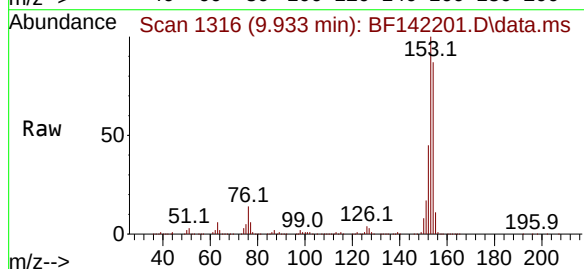
Tgt Ion:154 Resp: 768504

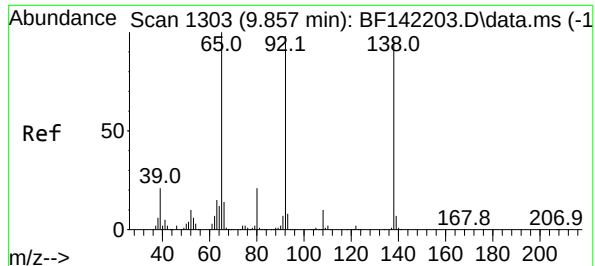
Ion Ratio Lower Upper

154 100

153 114.7 89.0 133.4

152 51.8 41.8 62.8

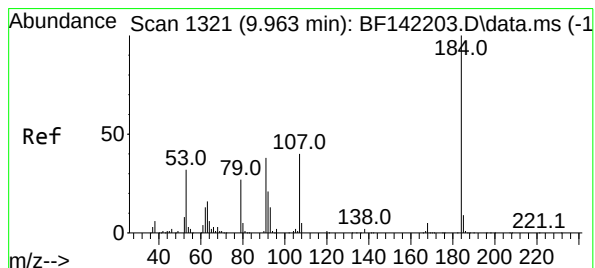
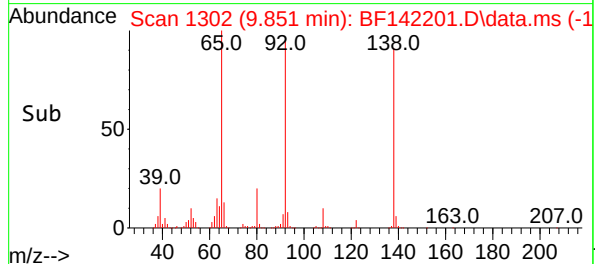
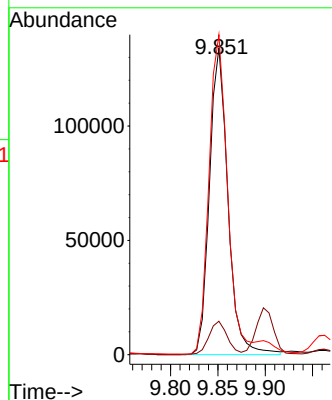
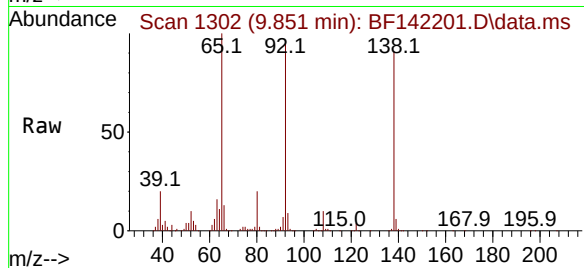




#53
3-Nitroaniline
Concen: 10.024 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

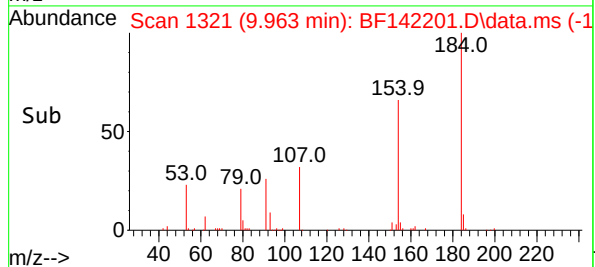
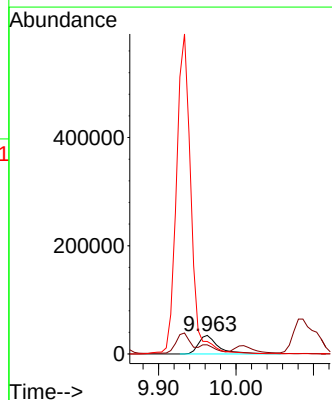
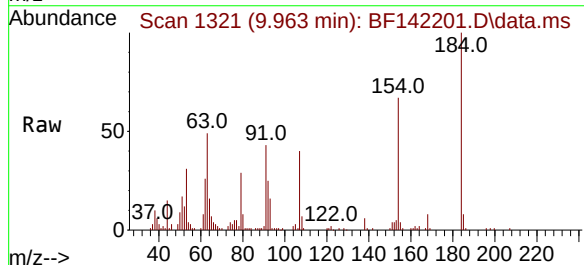
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

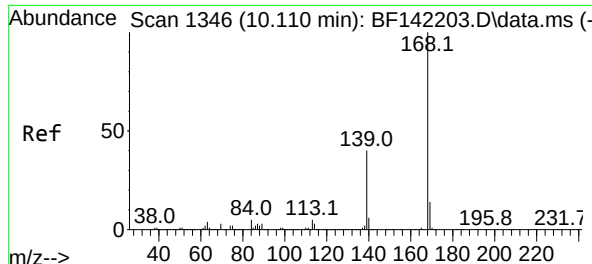
Tgt Ion:138 Resp: 181893
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 104.2 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 6.657 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:184 Resp: 61743
Ion Ratio Lower Upper
184 100
63 49.5 39.0 58.4
154 67.1 52.2 78.4





#55

Dibenzenofuran

Concen: 11.105 ng

RT: 10.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

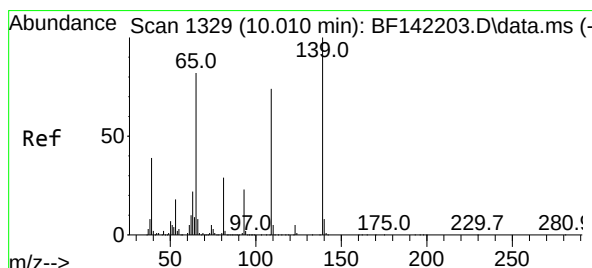
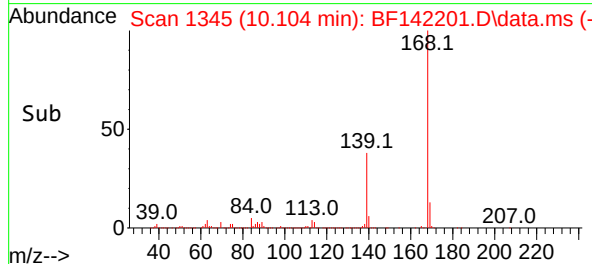
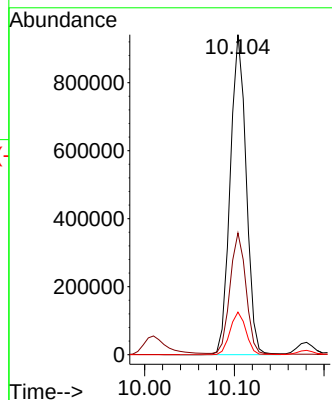
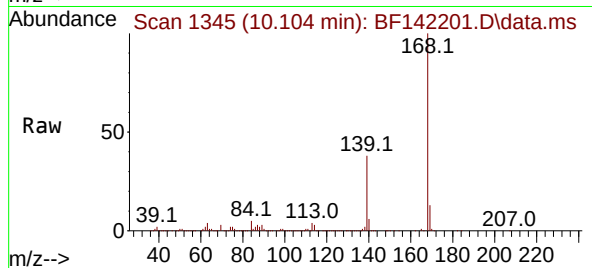
Tgt Ion:168 Resp: 1161116

Ion Ratio Lower Upper

168 100

139 38.1 32.3 48.5

169 13.3 11.4 17.0



#56

4-Nitrophenol

Concen: 7.708 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

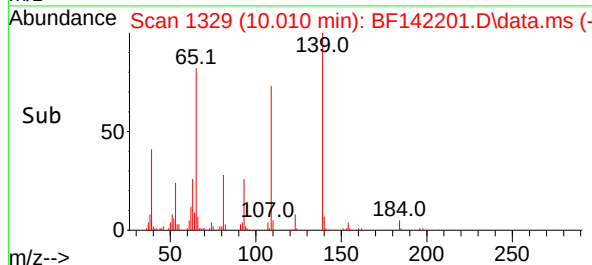
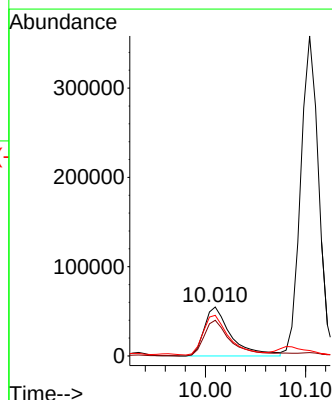
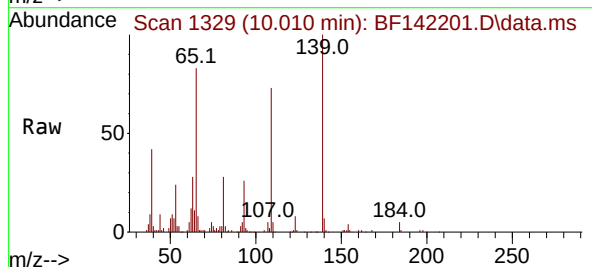
Tgt Ion:139 Resp: 102313

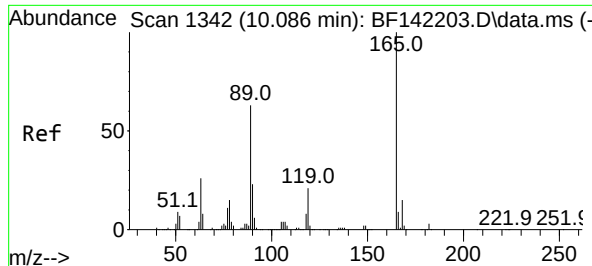
Ion Ratio Lower Upper

139 100

109 72.9 54.1 94.1

65 82.8 62.1 102.1

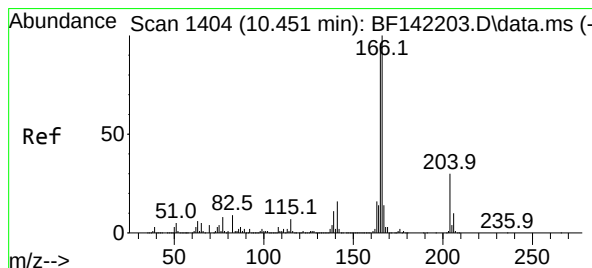
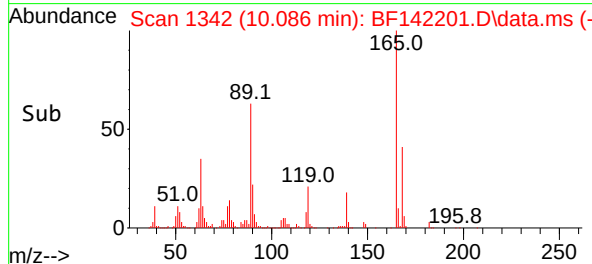
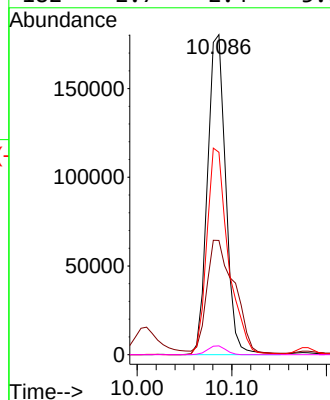
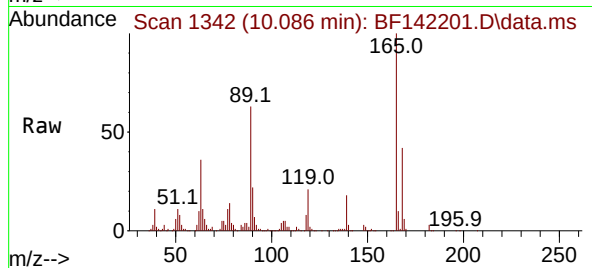




#57
2,4-Dinitrotoluene
Concen: 9.874 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

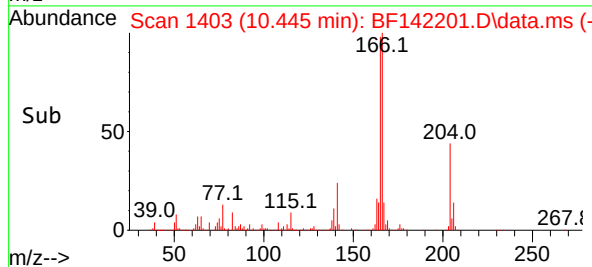
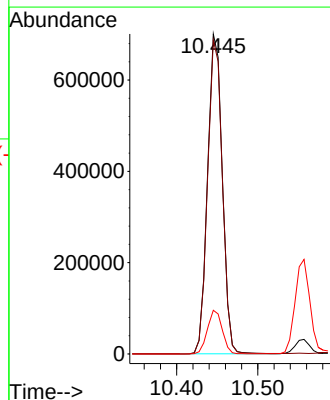
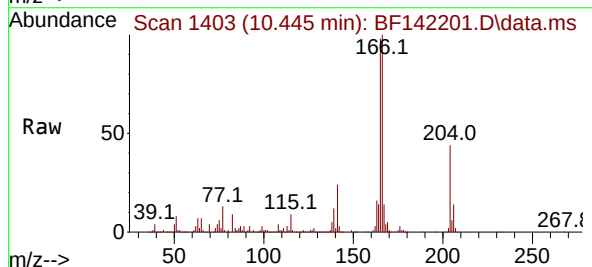
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

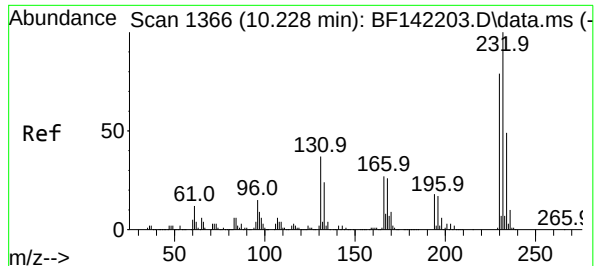
Tgt Ion:165 Resp: 241529
Ion Ratio Lower Upper
165 100
63 35.7 29.0 43.6
89 63.2 50.1 75.1
182 2.7 2.4 3.6



#58
Fluorene
Concen: 10.893 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:166 Resp: 881069
Ion Ratio Lower Upper
166 100
165 98.1 77.1 115.7
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.576 ng

RT: 10.222 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 230629

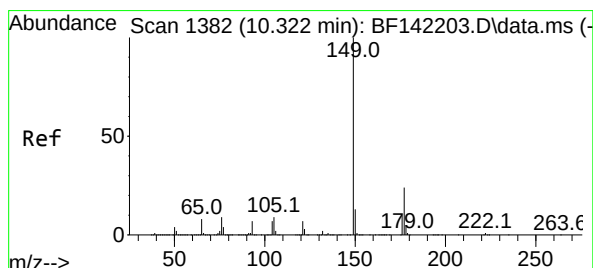
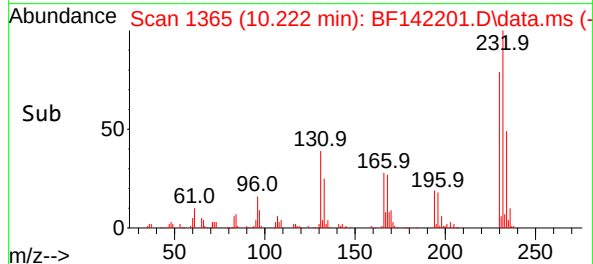
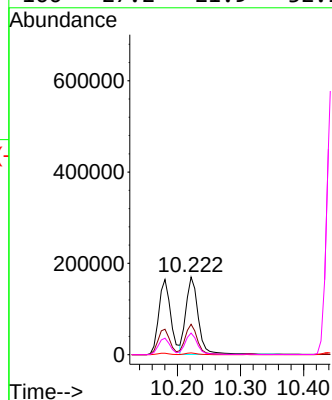
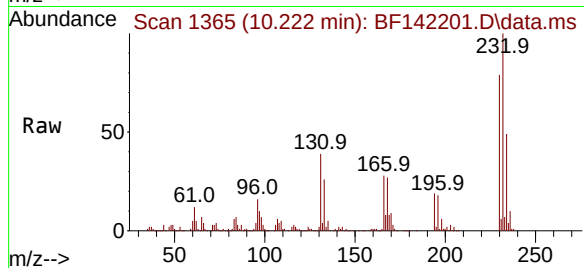
Ion Ratio Lower Upper

232 100

131 39.0 31.9 47.9

130 2.2 1.6 2.4

166 27.2 21.9 32.9



#60

Diethylphthalate

Concen: 10.575 ng

RT: 10.316 min Scan# 1381

Delta R.T. -0.006 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

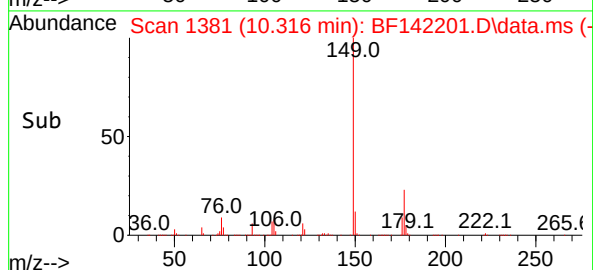
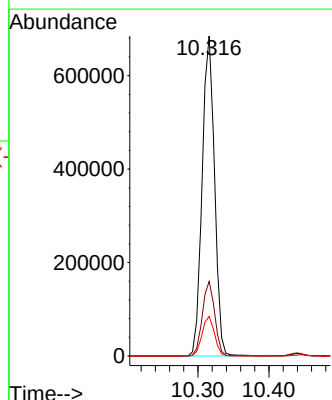
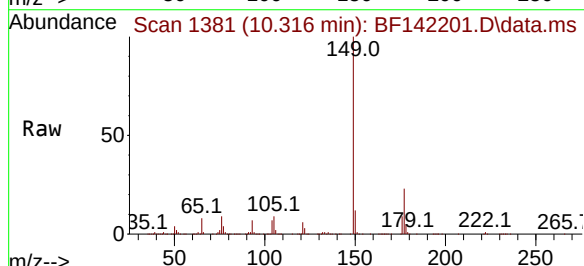
Tgt Ion:149 Resp: 832900

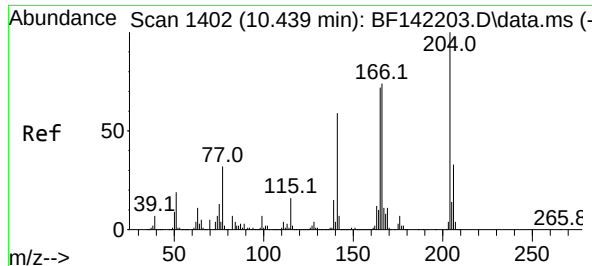
Ion Ratio Lower Upper

149 100

177 23.3 19.6 29.4

150 12.4 10.6 15.8

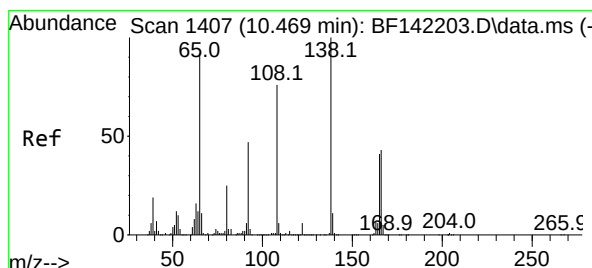
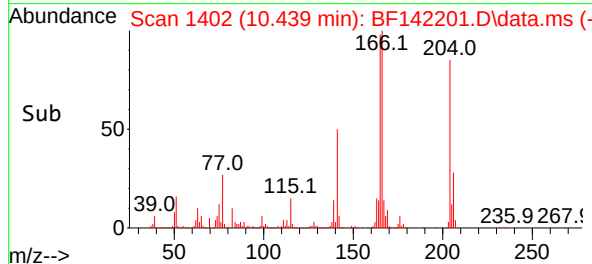
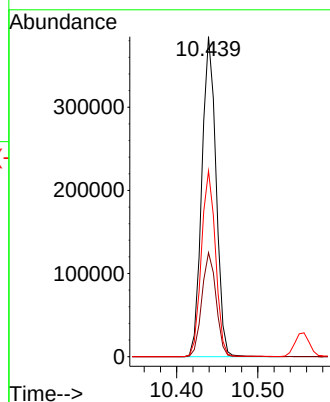
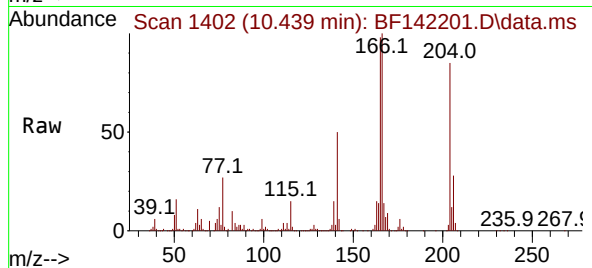




#61
4-Chlorophenyl-phenylether
Concen: 10.493 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

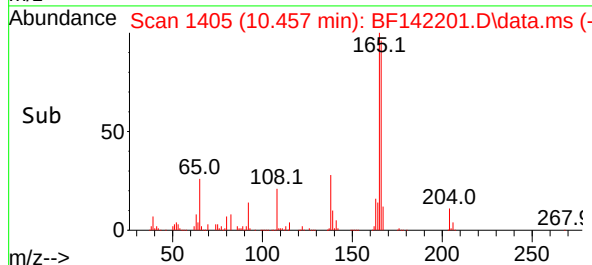
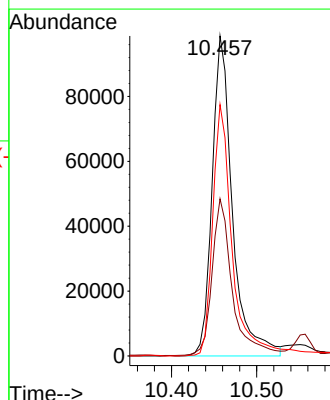
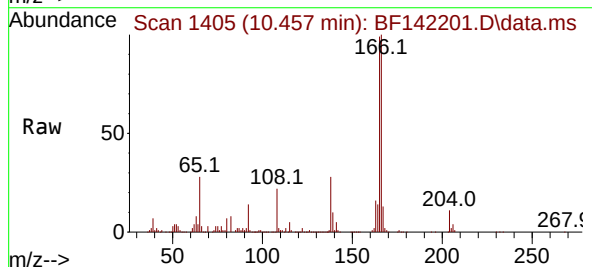
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

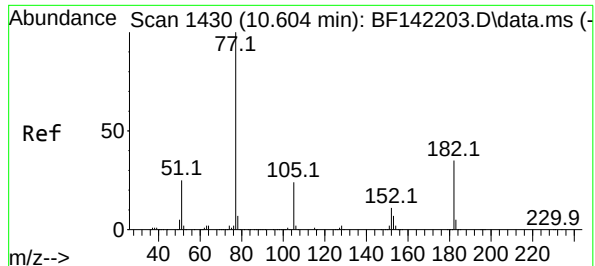
Tgt Ion	204	Resp	467315
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.5	39.7
141	58.1	47.0	70.6



#62
4-Nitroaniline
Concen: 9.497 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion	138	Resp	163792
Ion Ratio	Lower	Upper	
138	100		
92	49.1	26.7	66.7
108	78.6	56.5	96.5

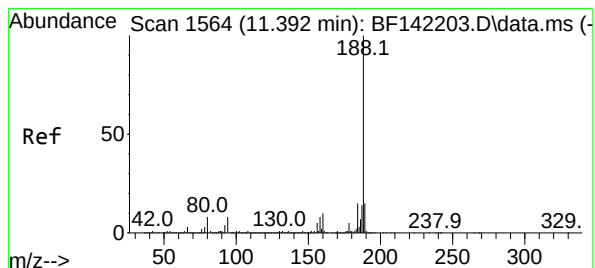
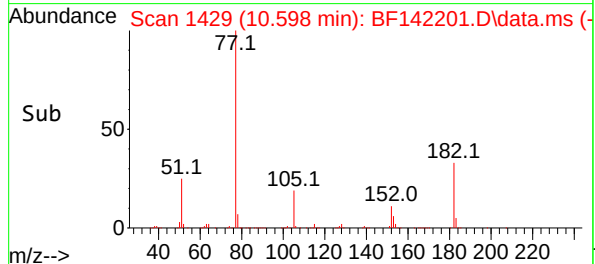
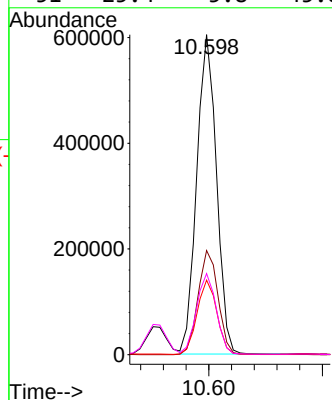
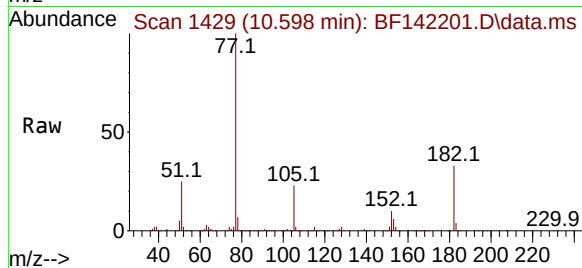




#63
Azobenzene
Concen: 10.642 ng
RT: 10.598 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

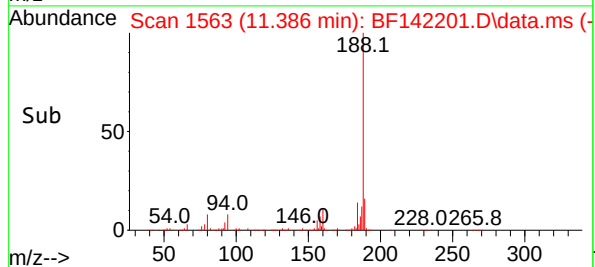
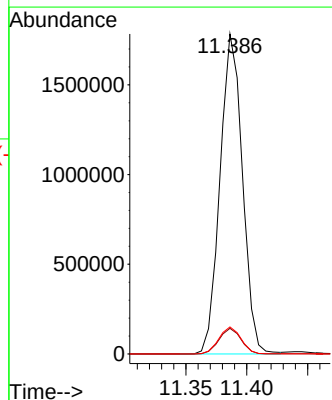
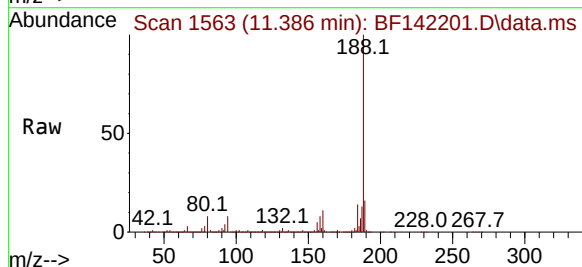
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

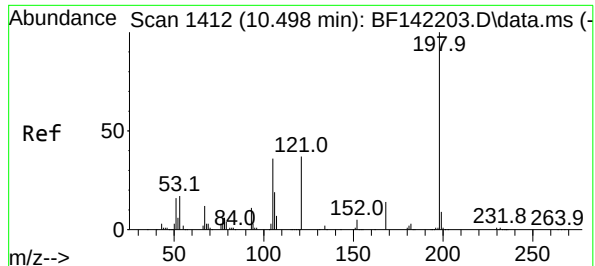
Tgt Ion: 77 Resp: 729902
Ion Ratio Lower Upper
77 100
182 32.5 14.8 54.8
105 23.3 4.0 44.0
51 25.4 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion: 188 Resp: 2289491
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.4 6.7 10.1

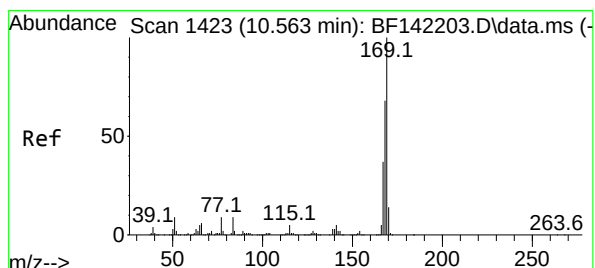
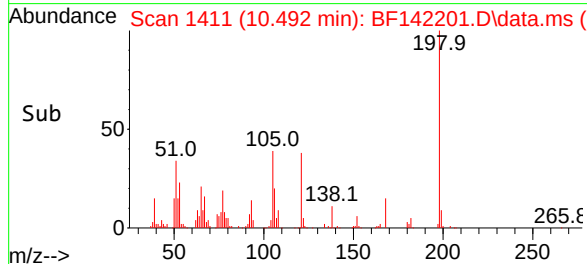
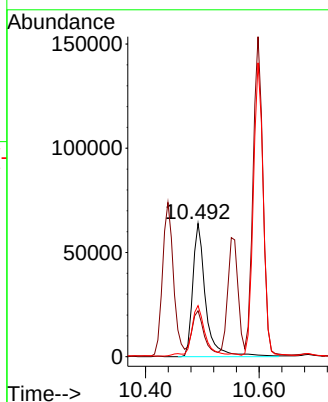
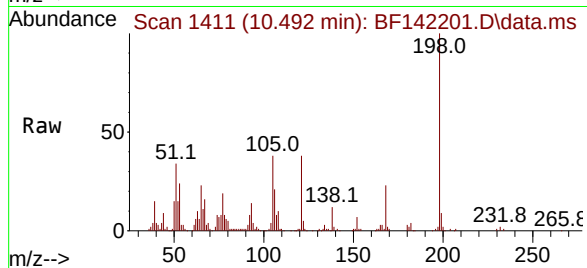




#65
4,6-Dinitro-2-methylphenol
Concen: 7.554 ng
RT: 10.492 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

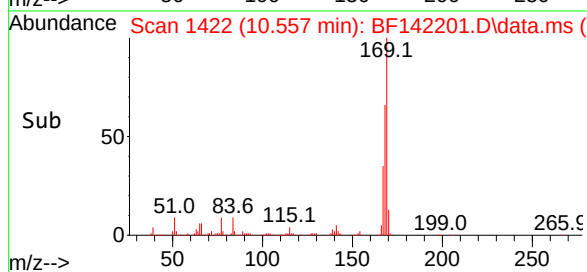
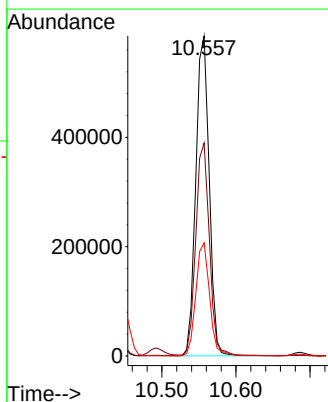
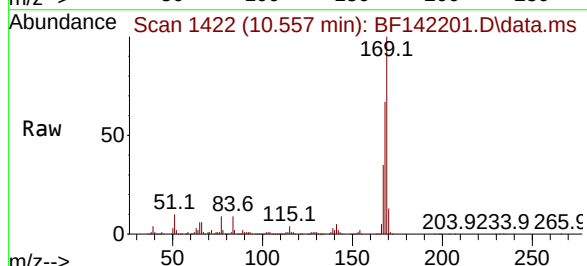
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

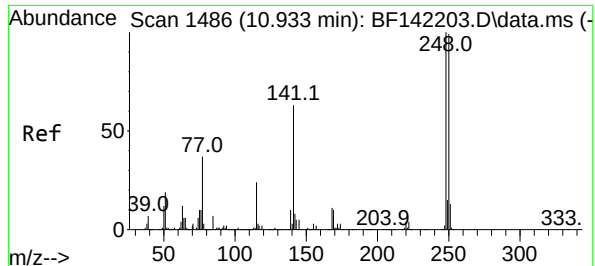
Tgt Ion:198 Resp: 100957
Ion Ratio Lower Upper
198 100
51 34.5 10.2 50.2
105 38.3 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 10.446 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:169 Resp: 733023
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.2
167 35.4 29.4 44.2

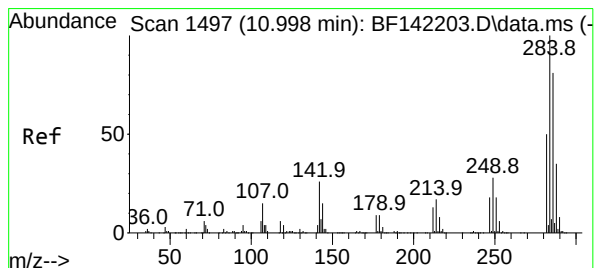
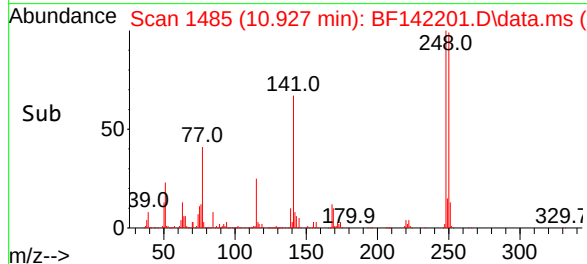
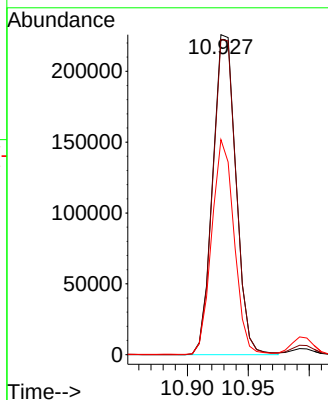
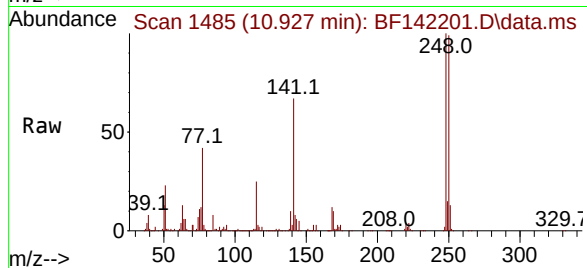




#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 10.927 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

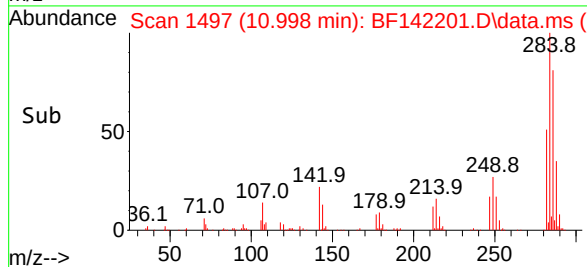
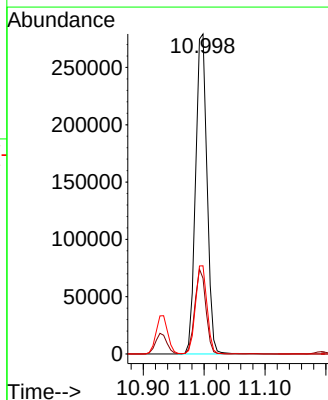
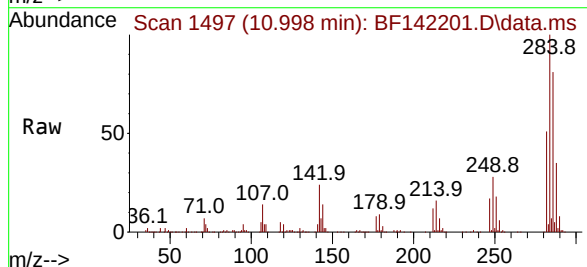
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

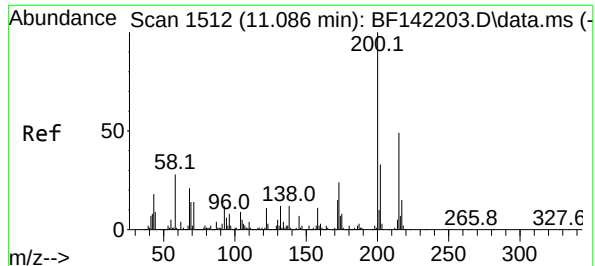
Tgt Ion:248 Resp: 300436
Ion Ratio Lower Upper
248 100
250 98.6 78.8 118.2
141 67.2 50.6 75.8



#68
Hexachlorobenzene
Concen: 10.146 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:284 Resp: 363535
Ion Ratio Lower Upper
284 100
142 23.7 20.7 31.1
249 27.6 22.8 34.2

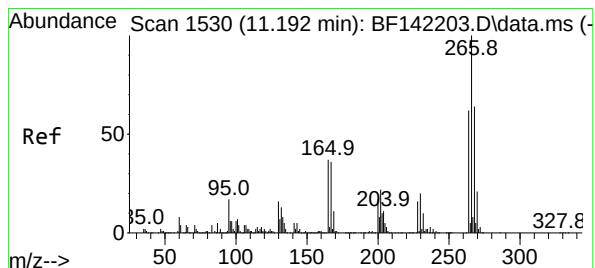
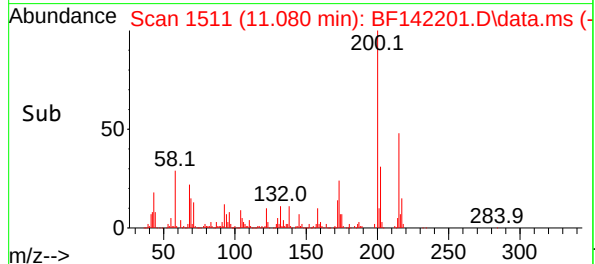
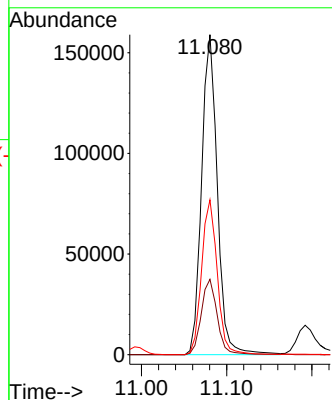
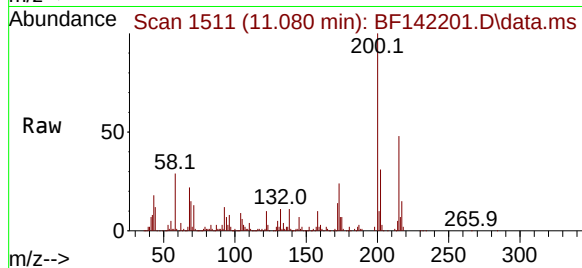




#69
Atrazine
Concen: 11.916 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

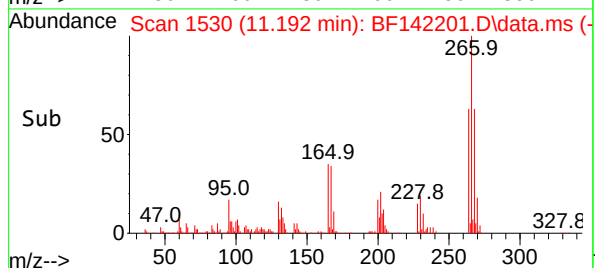
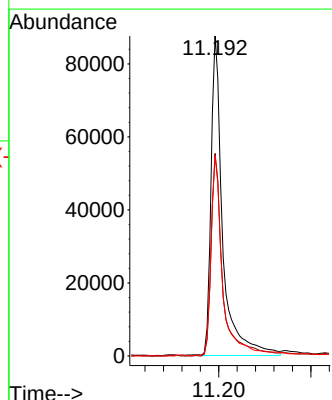
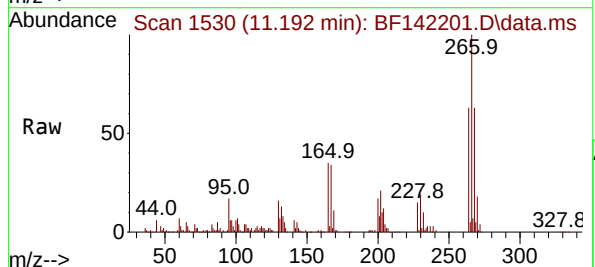
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

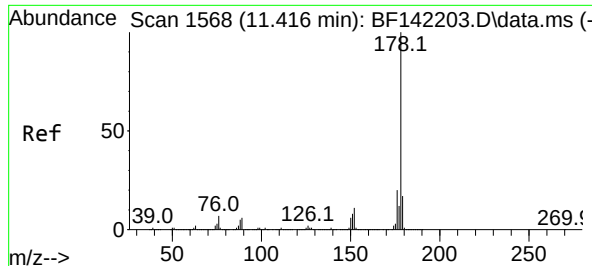
Tgt Ion:200 Resp: 204039
Ion Ratio Lower Upper
200 100
173 23.6 4.4 44.4
215 48.4 28.6 68.6



#70
Pentachlorophenol
Concen: 8.499 ng
RT: 11.192 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:266 Resp: 155346
Ion Ratio Lower Upper
266 100
268 63.3 50.9 76.3
264 62.5 49.4 74.2

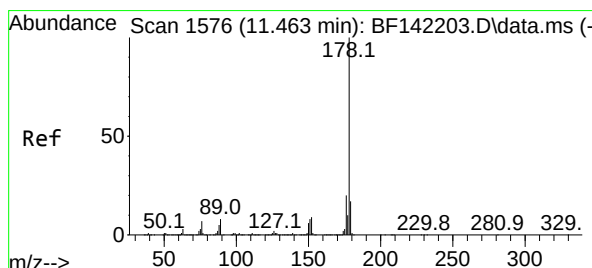
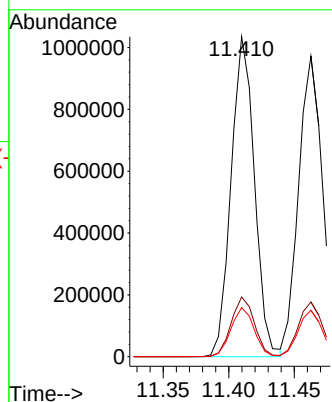
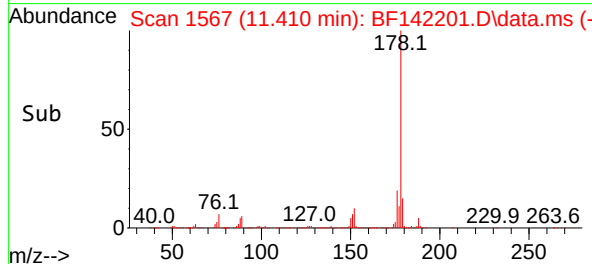
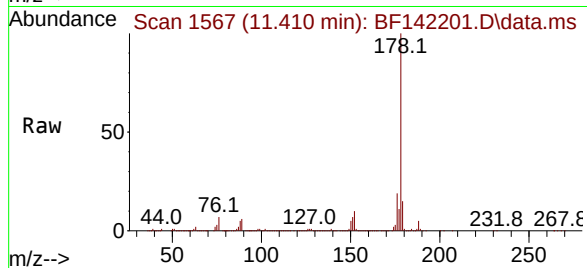




#71
Phenanthrene
Concen: 11.280 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

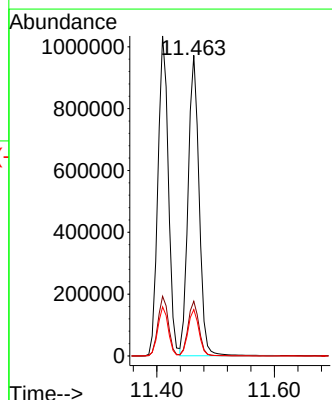
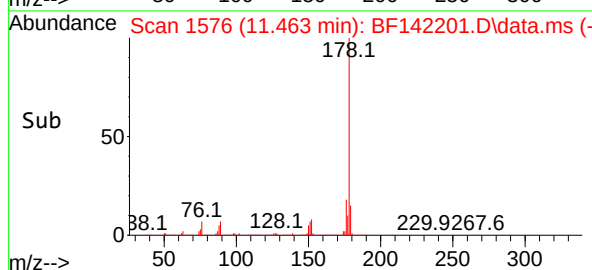
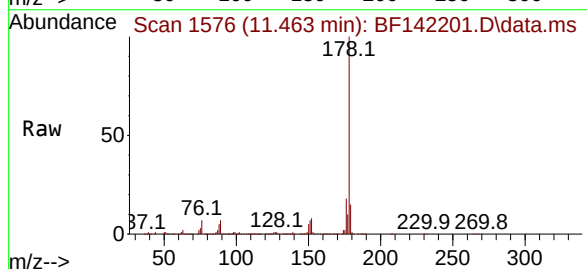
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

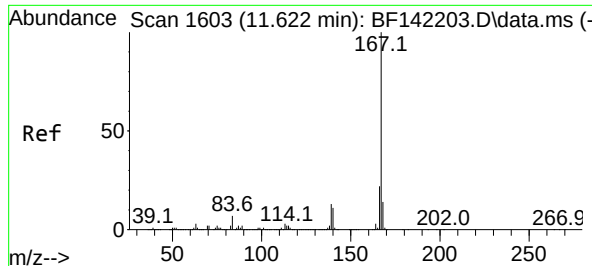
Tgt Ion:178 Resp: 1282504
Ion Ratio Lower Upper
178 100
176 18.7 16.3 24.5
179 15.3 13.3 19.9



#72
Anthracene
Concen: 11.100 ng
RT: 11.463 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

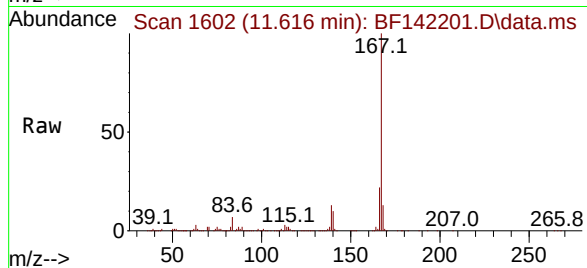
Tgt Ion:178 Resp: 1261830
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 15.5 13.4 20.0



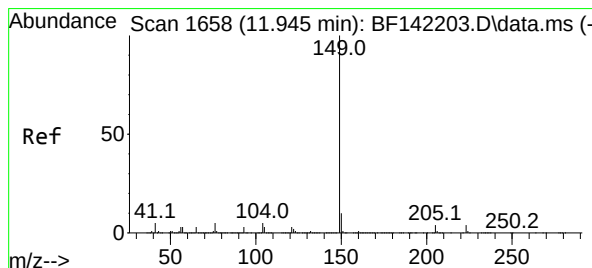
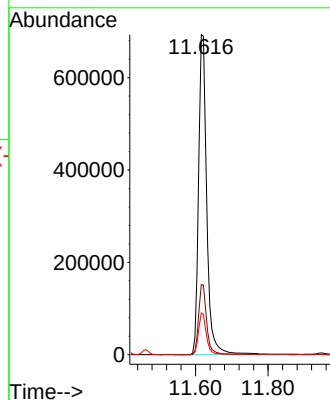
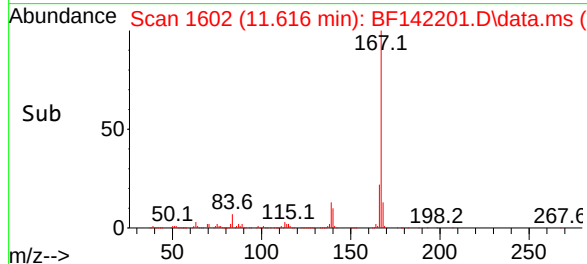


#73
Carbazole
Concen: 10.958 ng
RT: 11.616 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

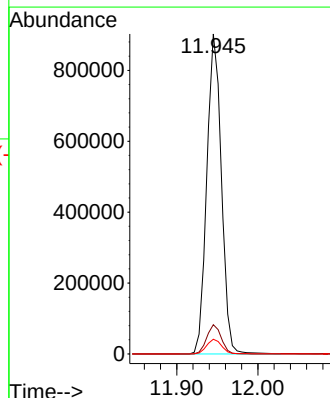
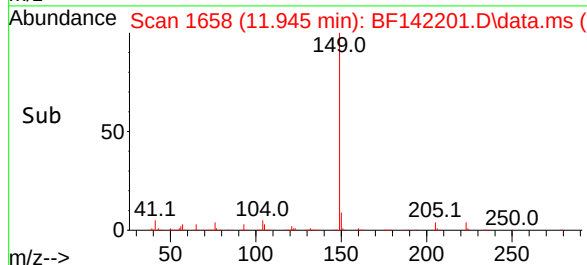
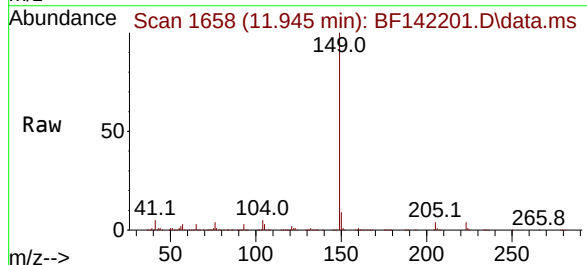


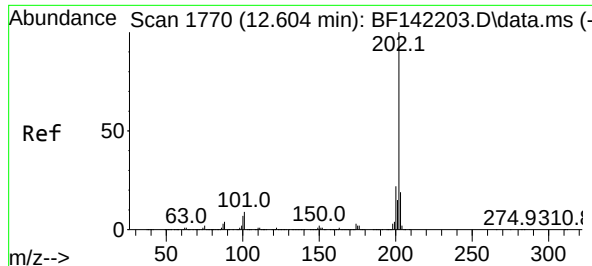
Tgt Ion:167 Resp: 1088325
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.1 10.7 16.1



#74
Di-n-butylphthalate
Concen: 10.927 ng
RT: 11.945 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:149 Resp: 1123250
Ion Ratio Lower Upper
149 100
150 9.1 7.9 11.9
104 4.6 4.0 6.0

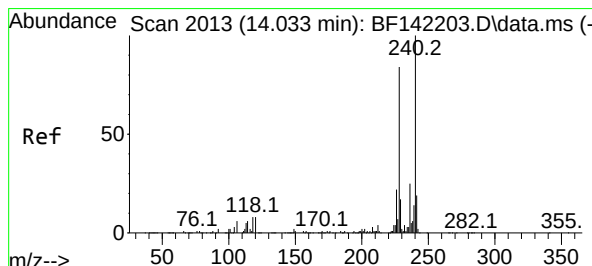
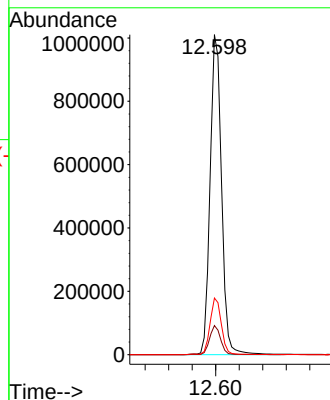
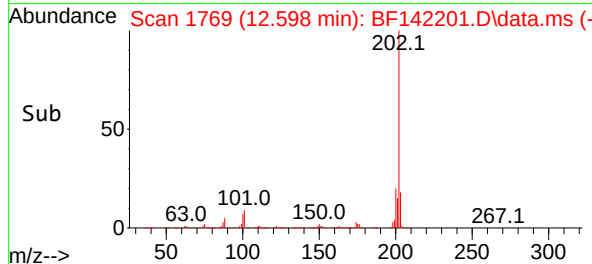
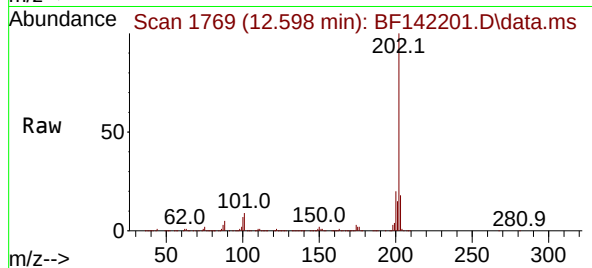




#75
Fluoranthene
Concen: 11.531 ng
RT: 12.598 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

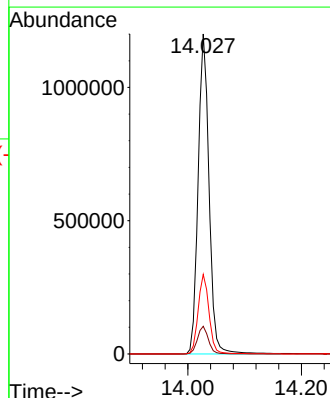
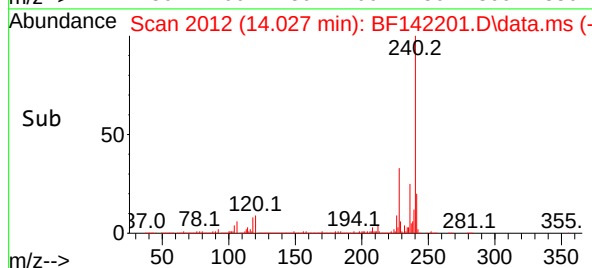
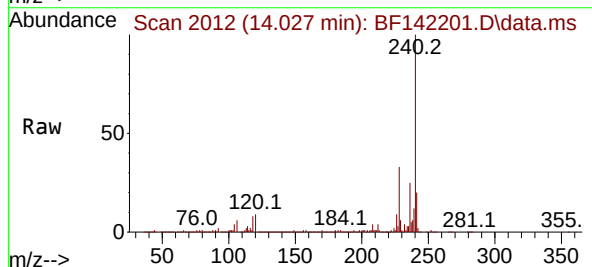
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

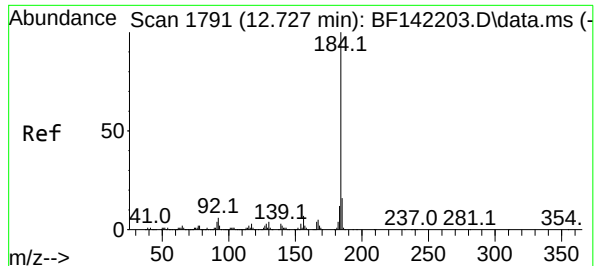
Tgt Ion:202 Resp: 1362799
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.7 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:240 Resp: 1611623
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 24.9 20.2 30.2

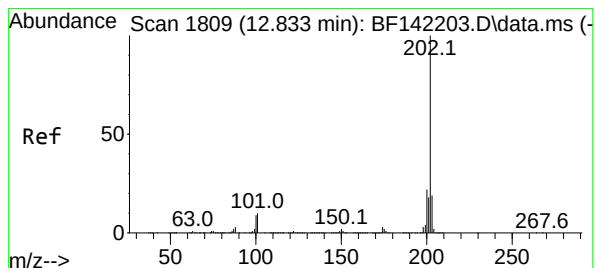
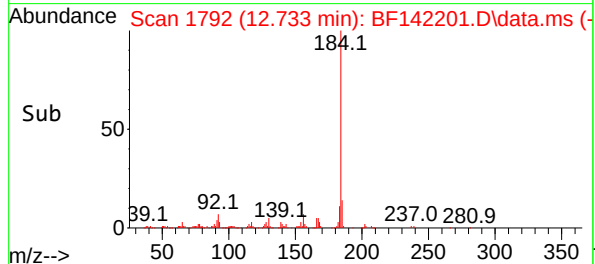
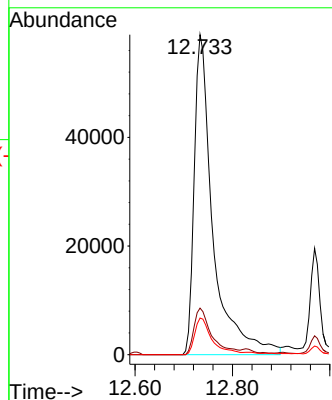
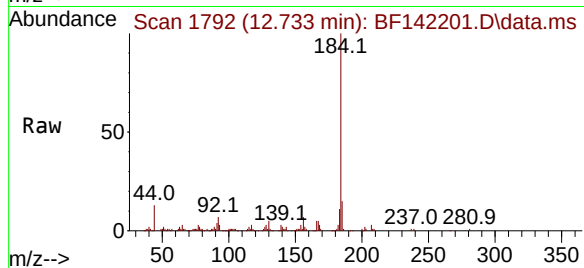




#77
Benzidine
Concen: 7.604 ng
RT: 12.733 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

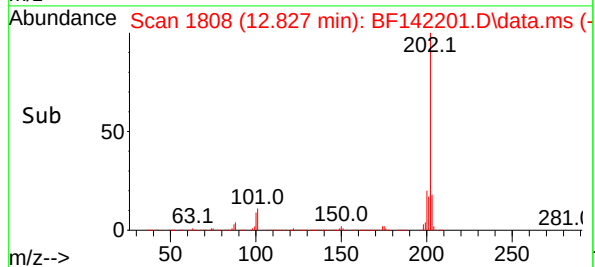
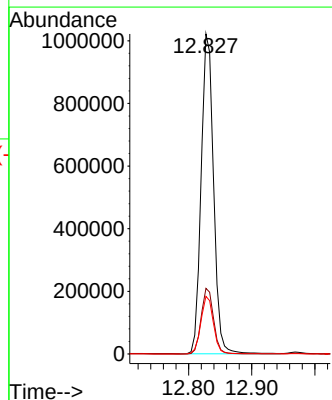
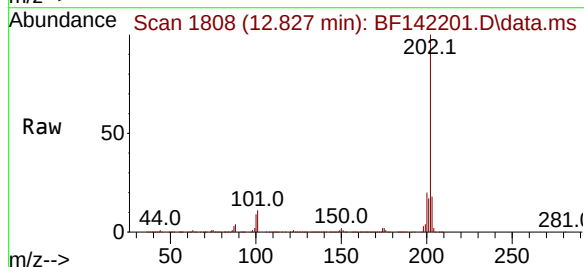
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

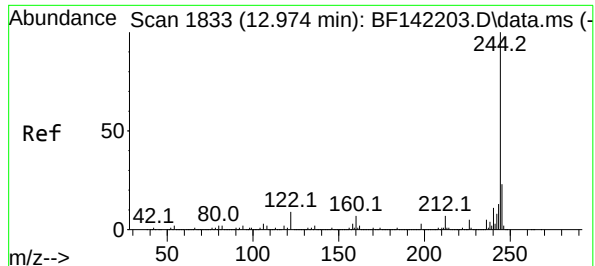
Tgt Ion:184 Resp: 158137
Ion Ratio Lower Upper
184 100
185 14.6 13.0 19.6
183 11.5 9.6 14.4



#78
Pyrene
Concen: 10.866 ng
RT: 12.827 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:202 Resp: 1390858
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 18.0 14.8 22.2

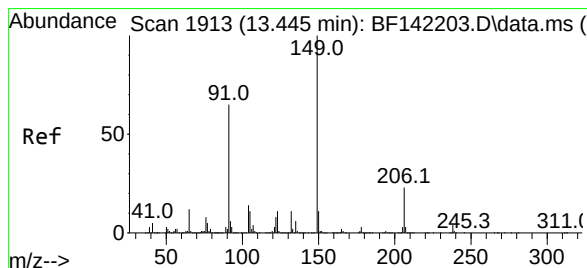
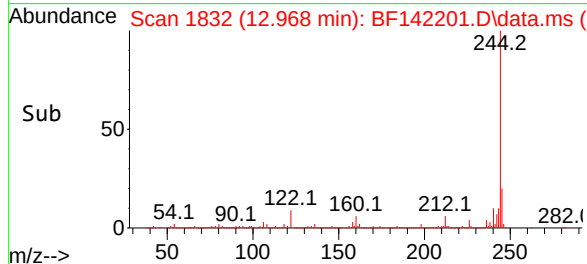
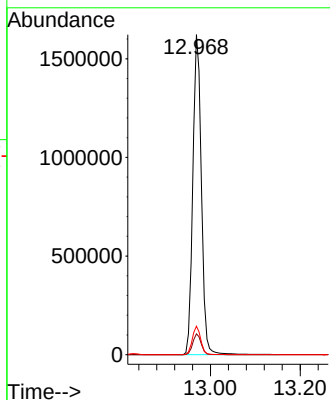
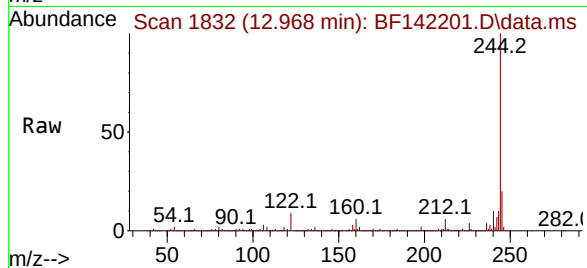




#79
Terphenyl-d14
Concen: 22.298 ng
RT: 12.968 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

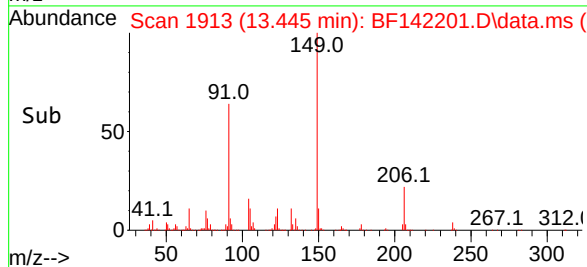
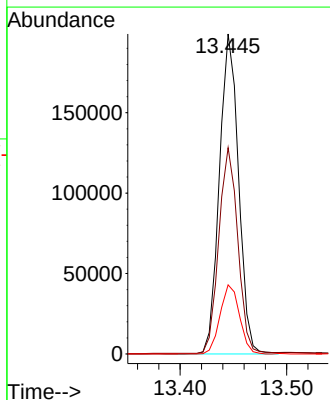
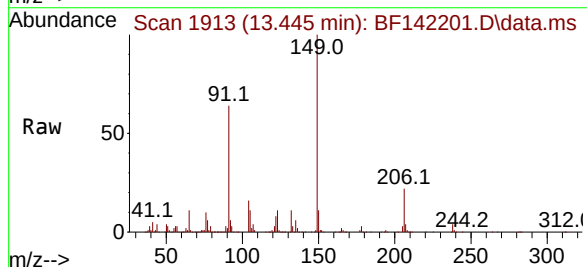
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

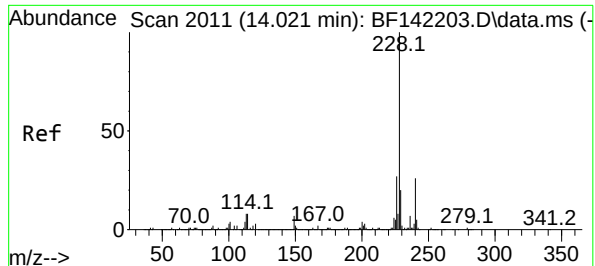
Tgt Ion:244 Resp: 2145035
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.9 7.3 10.9



#80
Butylbenzylphthalate
Concen: 8.014 ng
RT: 13.445 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:149 Resp: 248272
Ion Ratio Lower Upper
149 100
91 64.5 51.8 77.8
206 21.6 18.2 27.4

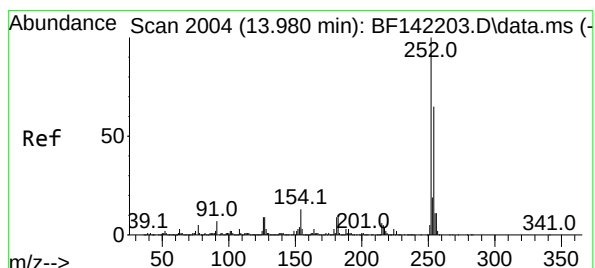
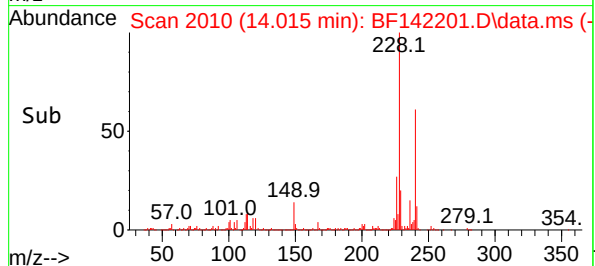
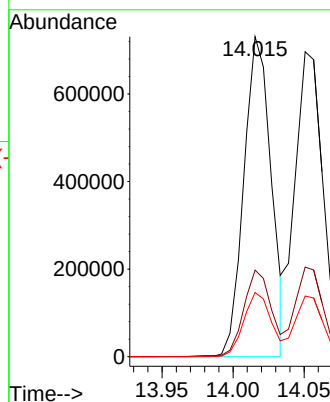
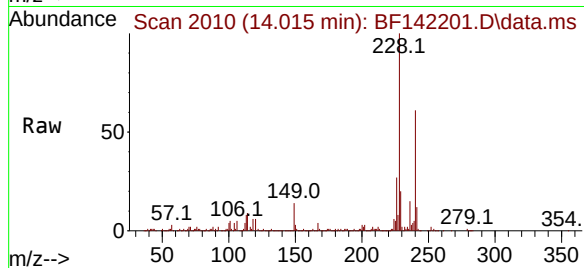




#81
Benzo(a)anthracene
Concen: 9.995 ng
RT: 14.015 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

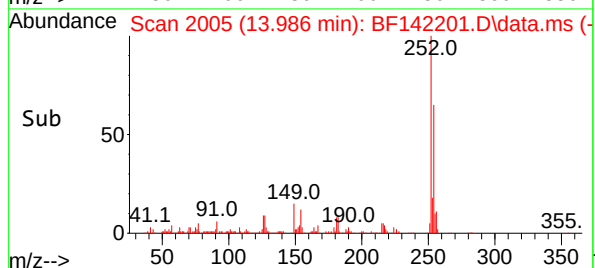
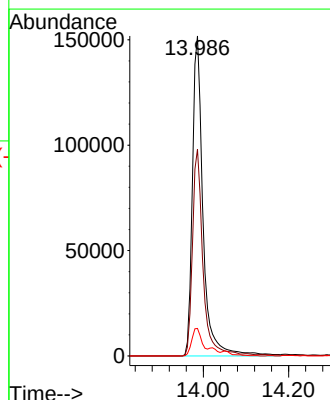
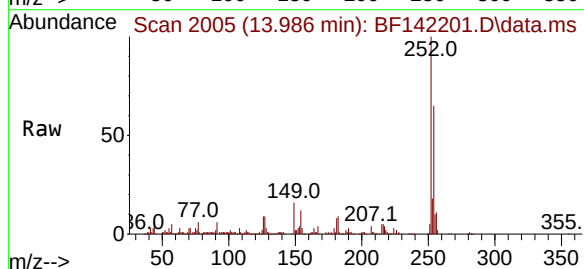
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

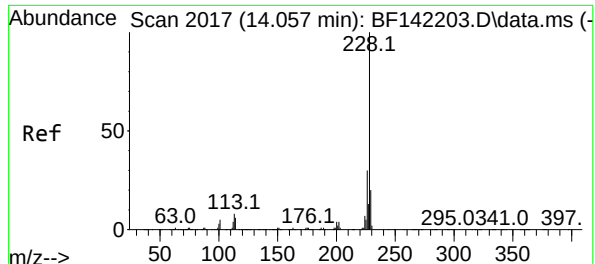
Tgt Ion:228 Resp: 975671
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 9.110 ng
RT: 13.986 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:252 Resp: 264819
Ion Ratio Lower Upper
252 100
254 64.6 51.9 77.9
126 8.6 7.4 11.0

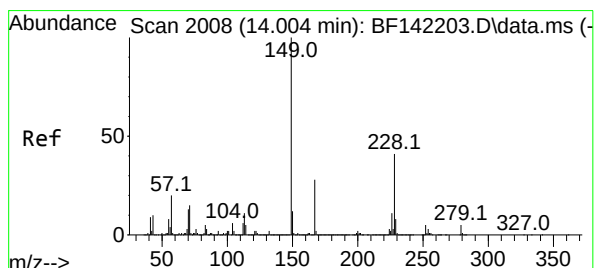
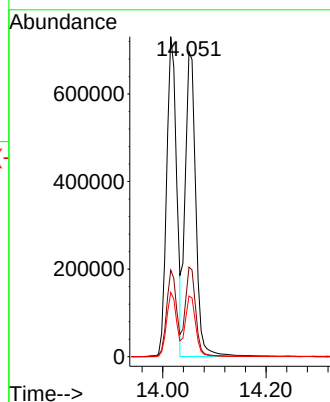
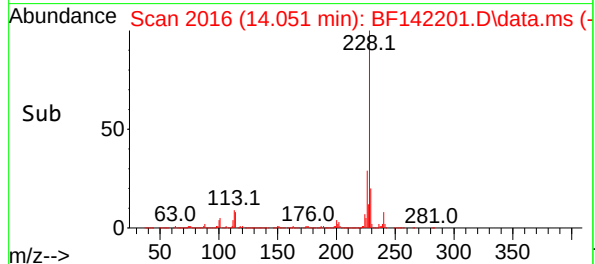
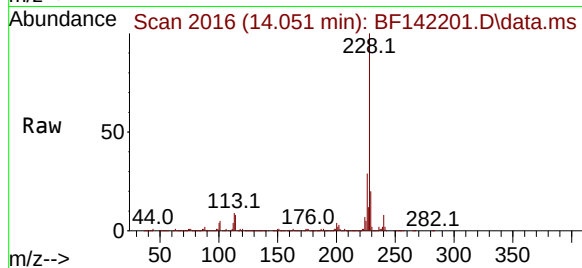




#83
Chrysene
Concen: 10.559 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

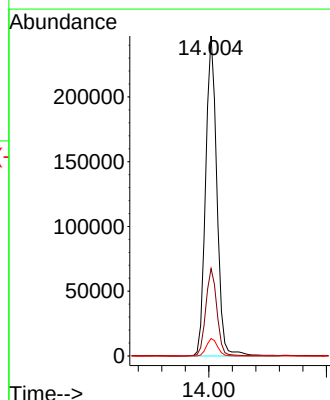
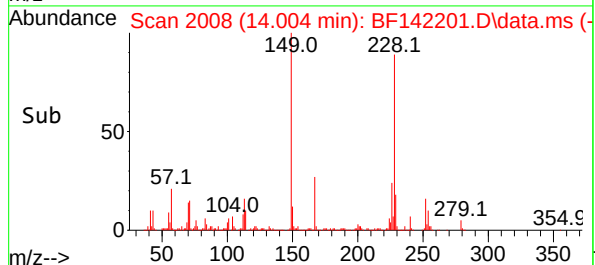
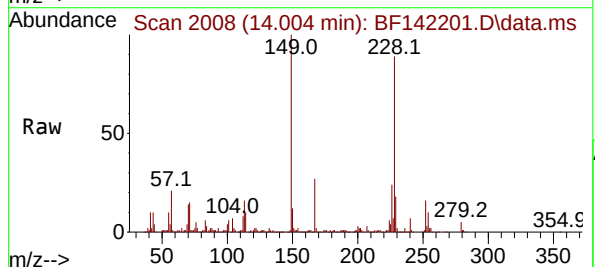
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

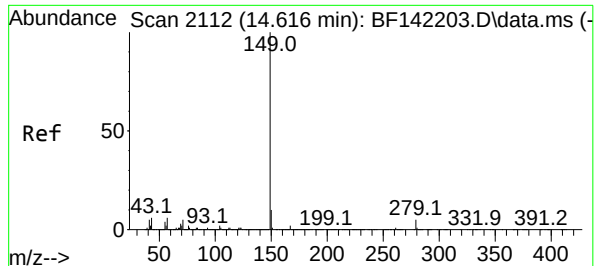
Tgt Ion:228 Resp: 993085
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 19.9 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.874 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:149 Resp: 326359
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.4
279 5.5 4.2 6.2

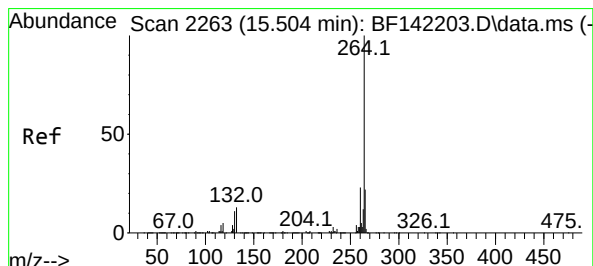
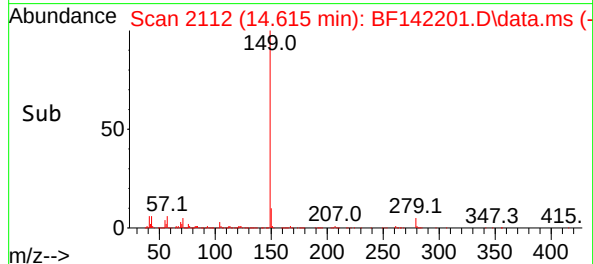
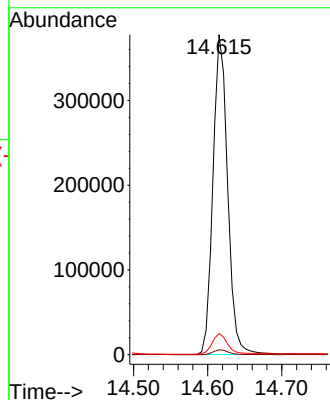
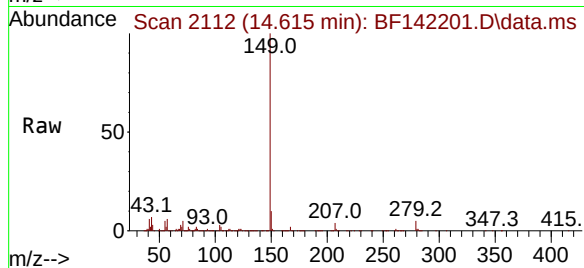




#85
Di-n-octyl phthalate
Concen: 7.044 ng
RT: 14.615 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

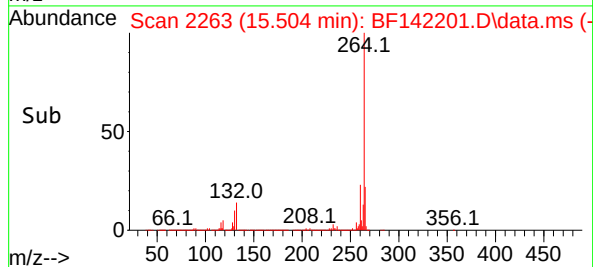
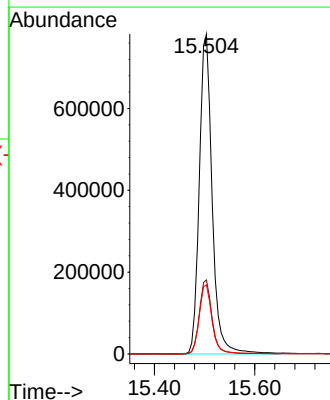
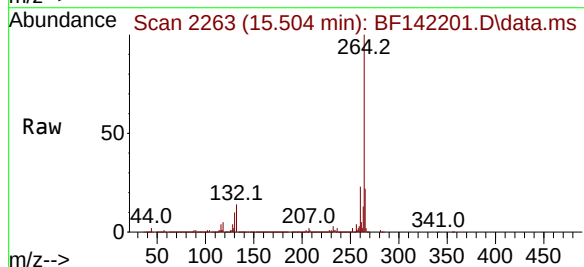
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

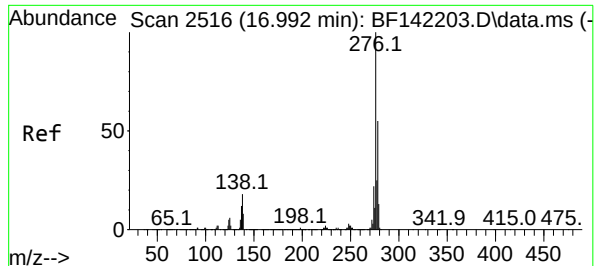
Tgt Ion:149 Resp: 517117
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.8 5.3 7.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:264 Resp: 1390370
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.6 16.9 25.3

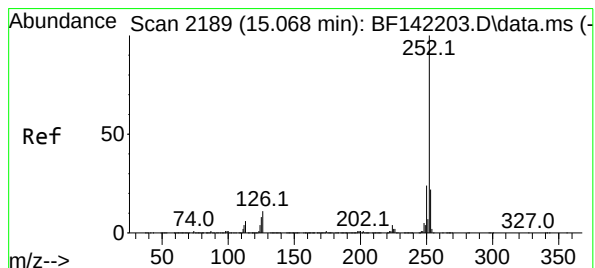
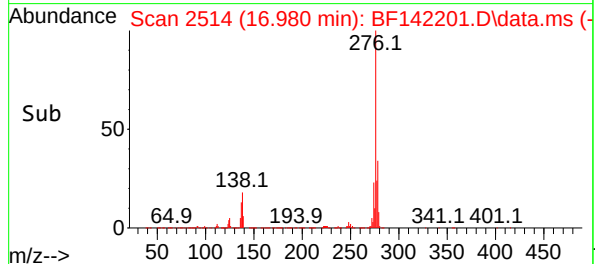
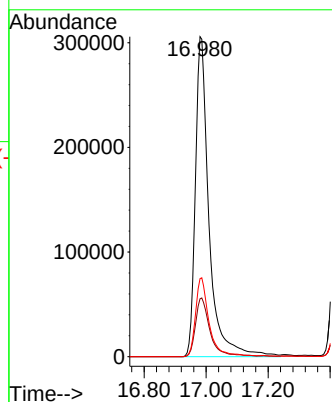
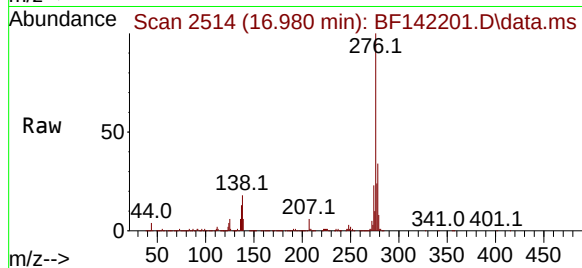




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.578 ng
RT: 16.980 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

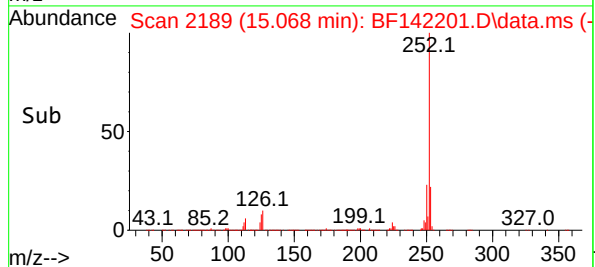
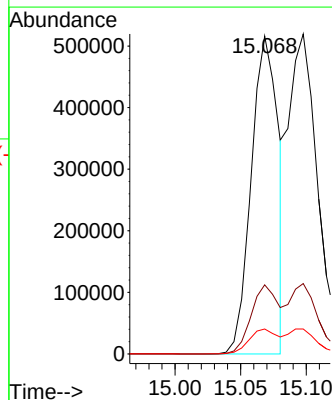
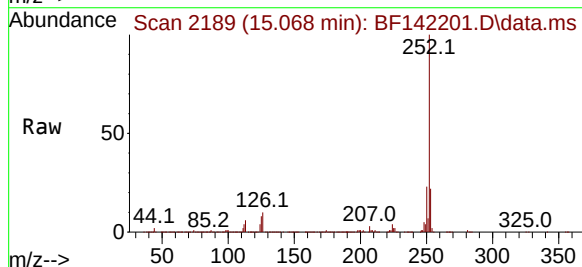
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

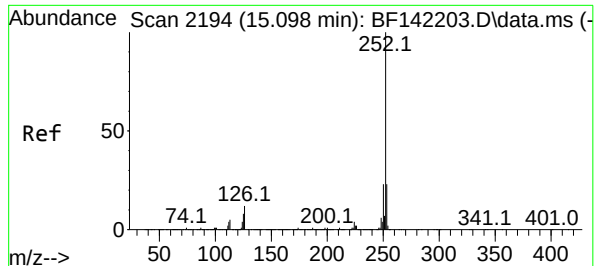
Tgt Ion:276 Resp: 934368
Ion Ratio Lower Upper
276 100
138 19.6 15.1 22.7
277 24.6 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 9.488 ng
RT: 15.068 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:252 Resp: 740088
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 7.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 11.046 ng m

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

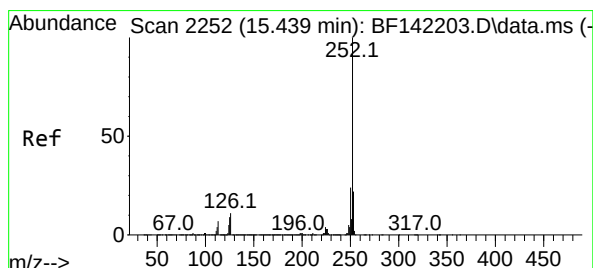
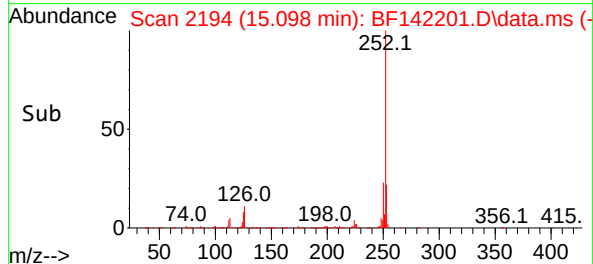
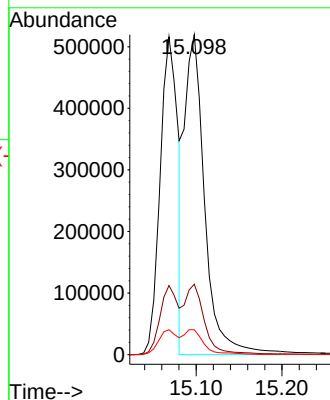
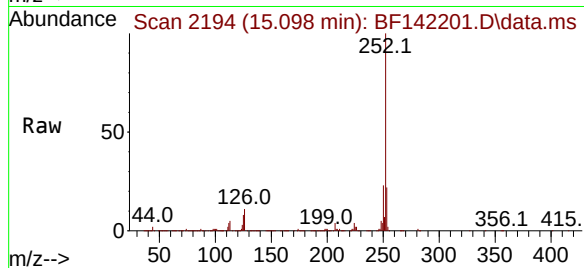
Tgt Ion:252 Resp: 852196

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.8 6.6 10.0



#90

Benzo(a)pyrene

Concen: 9.947 ng

RT: 15.439 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF142201.D

Acq: 21 Apr 2025 12:09

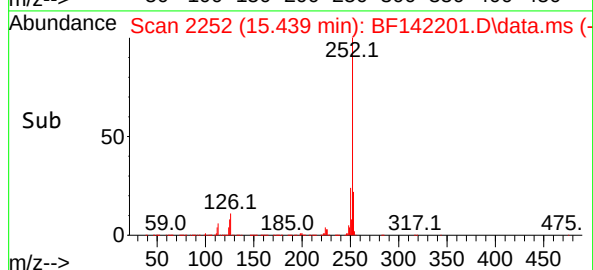
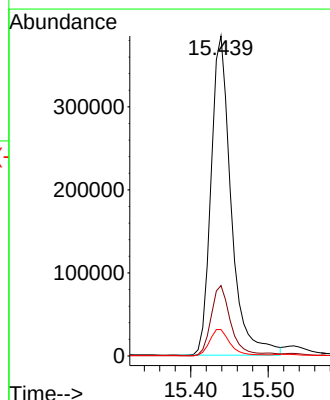
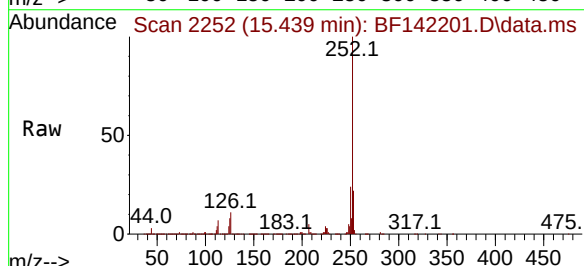
Tgt Ion:252 Resp: 694420

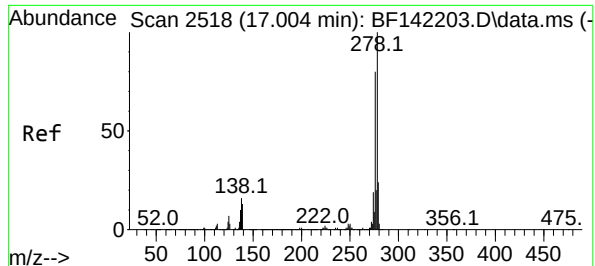
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.3 7.1 10.7

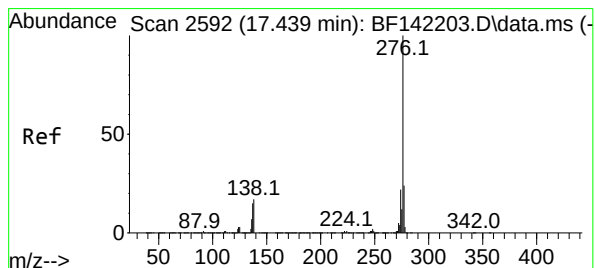
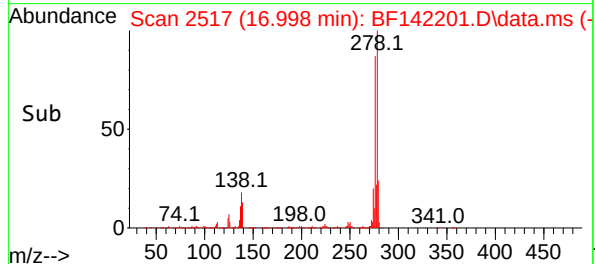
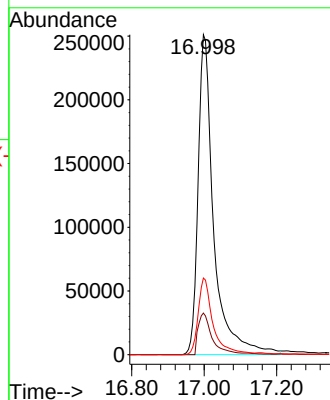
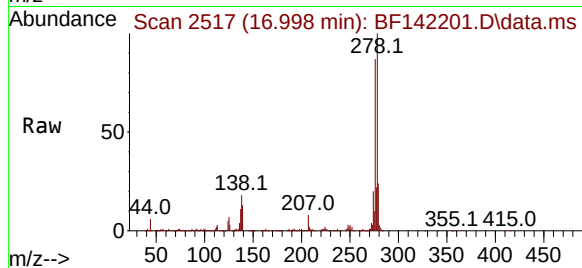




#91
Dibenzo(a,h)anthracene
Concen: 9.469 ng
RT: 16.998 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

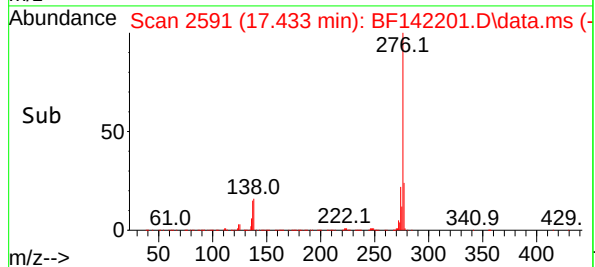
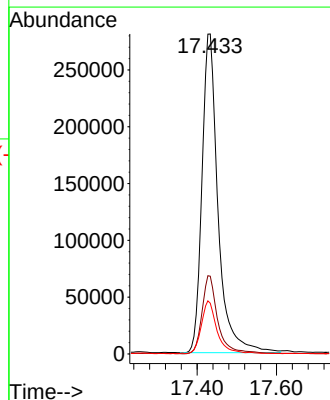
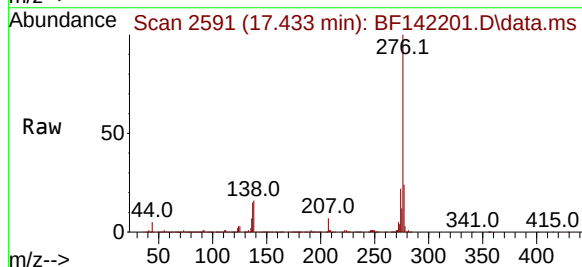
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 753489
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.9 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 9.549 ng
RT: 17.433 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF142201.D
Acq: 21 Apr 2025 12:09

Tgt Ion:276 Resp: 791476
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 15.9 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142202.D
 Acq On : 21 Apr 2025 12:37
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 22 02:01:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	628308	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2329127	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1291636	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2269904	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1440272	20.000	ng	0.00
86) Perylene-d12	15.504	264	1386355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1465514	43.730	ng	0.00
7) Phenol-d6	6.487	99	1831146	43.630	ng	0.00
23) Nitrobenzene-d5	7.428	82	1603553	43.238	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	746903	42.293	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3544073	44.723	ng	0.00
79) Terphenyl-d14	12.968	244	3979602	46.290	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	292941	21.535	ng	97
3) Pyridine	3.393	79	663312	22.465	ng	100
4) n-Nitrosodimethylamine	3.328	42	258689	21.578	ng	94
6) Aniline	6.528	93	891149	22.996	ng	98
8) 2-Chlorophenol	6.645	128	838698	21.863	ng	98
9) Benzaldehyde	6.416	77	519702	22.554	ng	99
10) Phenol	6.498	94	962403	21.741	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	708937	21.237	ng	98
12) 1,3-Dichlorobenzene	6.804	146	954683	21.962	ng	99
13) 1,4-Dichlorobenzene	6.881	146	961927	21.576	ng	98
14) 1,2-Dichlorobenzene	7.034	146	901650	21.739	ng	99
15) Benzyl Alcohol	7.004	79	676447	22.105	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	696065	21.512	ng	97
17) 2-Methylphenol	7.110	107	612608	21.219	ng	99
18) Hexachloroethane	7.375	117	325188	21.470	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	497294	20.954	ng	99
20) 3+4-Methylphenols	7.263	107	804080	22.393	ng	94
22) Acetophenone	7.269	105	1115744	21.824	ng	99
24) Nitrobenzene	7.445	77	781550	21.272	ng	96
25) Isophorone	7.681	82	1309509	21.035	ng	99
26) 2-Nitrophenol	7.763	139	393977	20.400	ng	100
27) 2,4-Dimethylphenol	7.792	122	523273	20.838	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	866052	21.197	ng	99
29) 2,4-Dichlorophenol	7.998	162	719878	21.078	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	851257	21.314	ng	100
31) Naphthalene	8.169	128	2493078	22.659	ng	98
32) Benzoic acid	7.892	122	353600	19.928	ng	99
33) 4-Chloroaniline	8.216	127	855844	21.483	ng	99
34) Hexachlorobutadiene	8.286	225	563364	21.374	ng	100
35) Caprolactam	8.569	113	188680	20.709	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	716198	20.832	ng	98
37) 2-Methylnaphthalene	8.857	142	1660954	21.843	ng	99
38) 1-Methylnaphthalene	8.957	142	1588611	21.578	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	908840	21.505	ng	99
41) Hexachlorocyclopentadiene	9.010	237	276019	21.299	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	528275	21.410	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142202.D
 Acq On : 21 Apr 2025 12:37
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 22 02:01:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

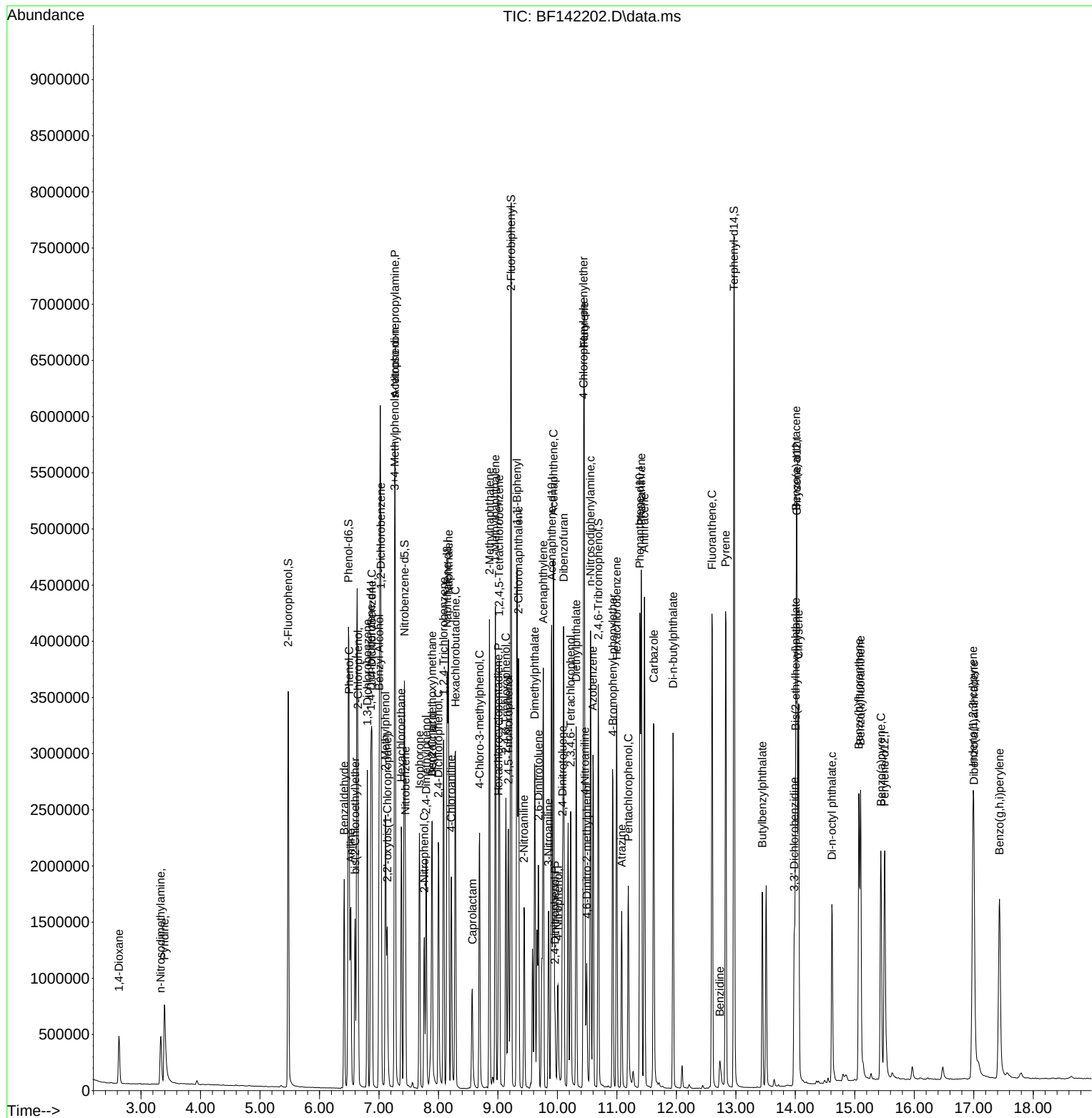
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	546169	20.651	ng	99
46) 1,1'-Biphenyl	9.322	154	2087411	22.537	ng	98
47) 2-Chloronaphthalene	9.345	162	1585509	22.054	ng	99
48) 2-Nitroaniline	9.439	65	364382	21.623	ng	95
49) Acenaphthylene	9.763	152	2287951	22.515	ng	99
50) Dimethylphthalate	9.616	163	1809172	21.846	ng	99
51) 2,6-Dinitrotoluene	9.680	165	398717	21.444	ng	97
52) Acenaphthene	9.933	154	1593221	21.757	ng	99
53) 3-Nitroaniline	9.851	138	384023	21.556	ng	95
54) 2,4-Dinitrophenol	9.957	184	168982	18.556	ng	89
55) Dibenzofuran	10.104	168	2309529	22.497	ng	98
56) 4-Nitrophenol	10.010	139	266124	20.421	ng	96
57) 2,4-Dinitrotoluene	10.086	165	513857	21.398	ng	99
58) Fluorene	10.451	166	1759870	22.161	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	488257	20.650	ng	99
60) Diethylphthalate	10.316	149	1713553	22.159	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	943863	21.586	ng	100
62) 4-Nitroaniline	10.463	138	368930	21.787	ng	97
63) Azobenzene	10.598	77	1471635	21.855	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	248916	18.786	ng	97
66) n-Nitrosodiphenylamine	10.557	169	1470323	21.135	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	618266	20.711	ng	98
68) Hexachlorobenzene	10.998	284	739929	20.828	ng	99
69) Atrazine	11.080	200	313464	18.464	ng	99
70) Pentachlorophenol	11.192	266	375192	20.703	ng	99
71) Phenanthrene	11.410	178	2519024	22.347	ng	98
72) Anthracene	11.463	178	2505882	22.233	ng	98
73) Carbazole	11.621	167	2179062	22.130	ng	99
74) Di-n-butylphthalate	11.945	149	2356179	23.119	ng	99
75) Fluoranthene	12.598	202	2677855	22.854	ng	99
77) Benzidine	12.733	184	239779	12.901	ng	98
78) Pyrene	12.827	202	2662541	23.276	ng	99
80) Butylbenzylphthalate	13.445	149	580168	20.954	ng	99
81) Benzo(a)anthracene	14.015	228	1954657	22.407	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	535850	20.628	ng	99
83) Chrysene	14.057	228	1770305	21.063	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	738594	19.940	ng	100
85) Di-n-octyl phthalate	14.615	149	1196625	18.240	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	2044877	21.023	ng	99
88) Benzo(b)fluoranthene	15.068	252	1805792	23.217	ng	100
89) Benzo(k)fluoranthene	15.098	252	1543871	20.070	ng	99
90) Benzo(a)pyrene	15.439	252	1481723	21.287	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	1684573	21.231	ng	99
92) Benzo(g,h,i)perylene	17.433	276	1718184	20.790	ng	100

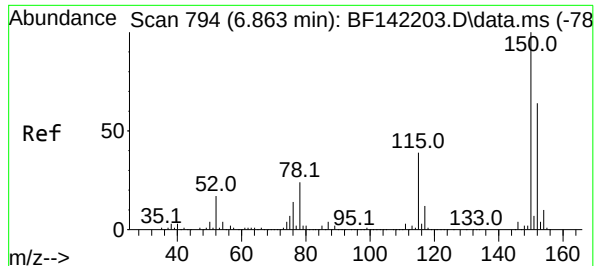
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142202.D
Acq On : 21 Apr 2025 12:37
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

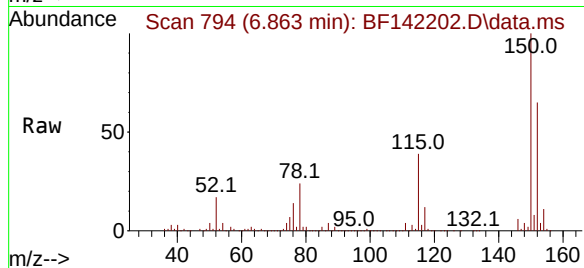
Quant Time: Apr 22 02:01:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 01:58:17 2025
Response via : Initial Calibration



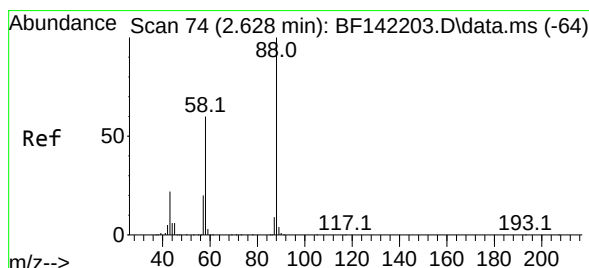
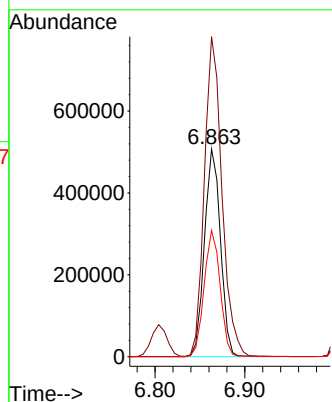
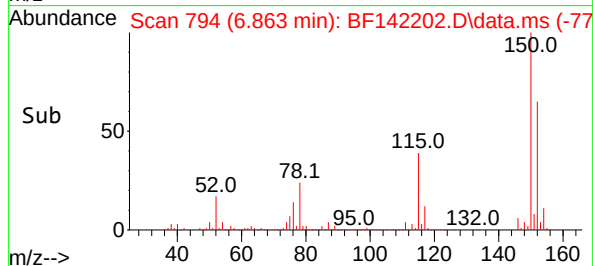


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

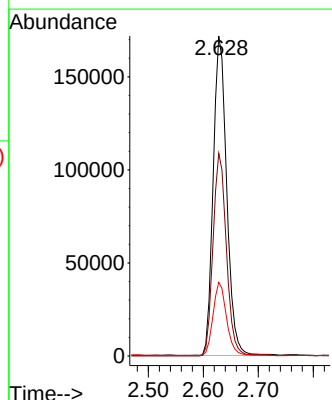
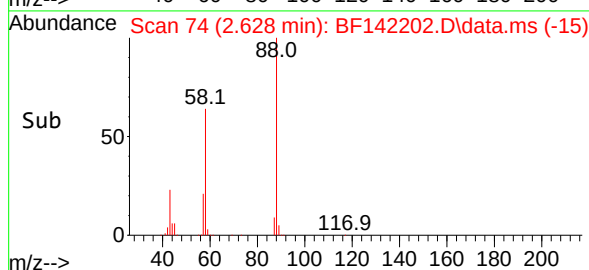
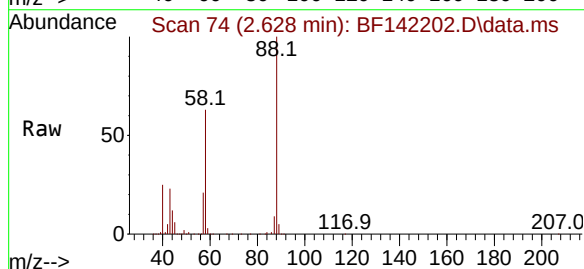


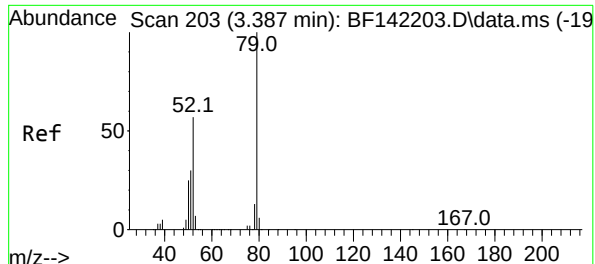
Tgt Ion:152 Resp: 628308
Ion Ratio Lower Upper
152 100
150 154.1 126.4 189.6
115 60.8 49.4 74.2



#2
1,4-Dioxane
Concen: 21.535 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 88 Resp: 292941
Ion Ratio Lower Upper
88 100
58 62.6 47.8 71.6
43 22.9 17.8 26.8

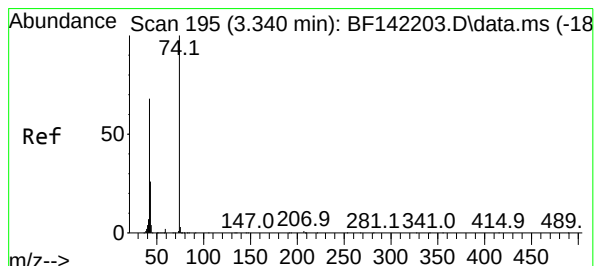
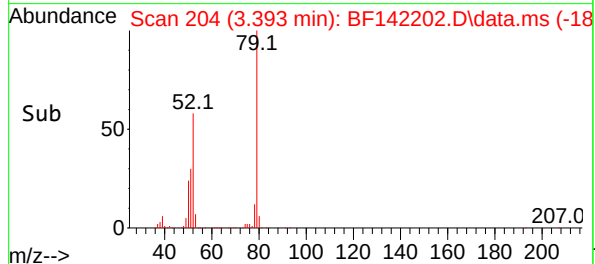
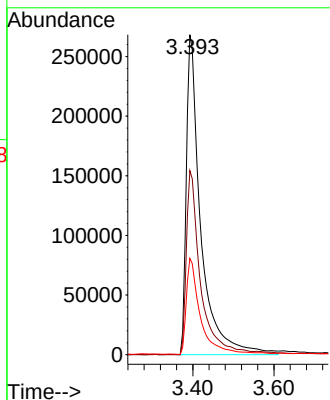
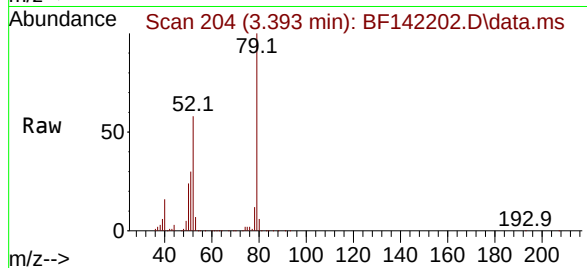




#3
Pyridine
Concen: 22.465 ng
RT: 3.393 min Scan# 203
Delta R.T. 0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

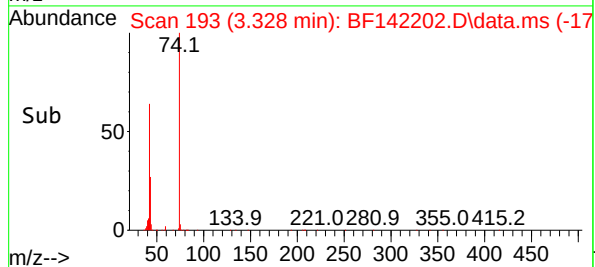
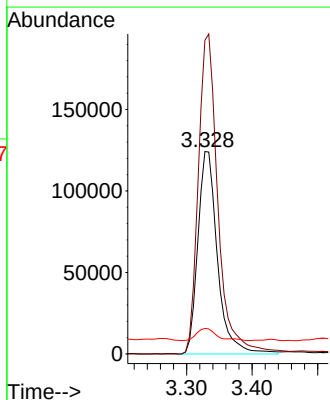
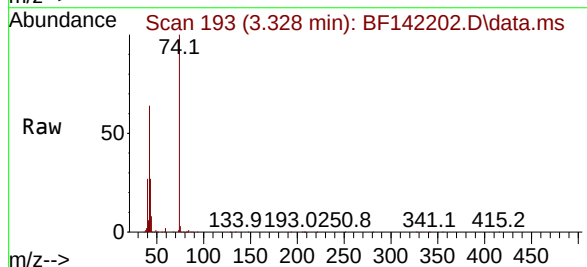
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

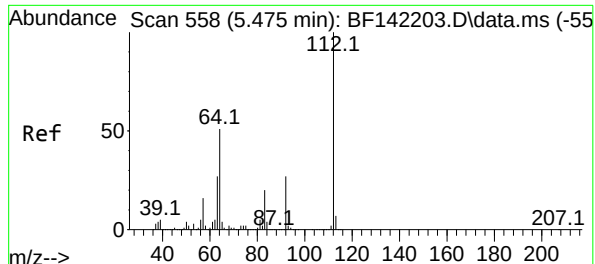
Tgt Ion: 79 Resp: 663312
Ion Ratio Lower Upper
79 100
52 57.5 45.8 68.8
51 30.1 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 21.578 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.012 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 42 Resp: 258689
Ion Ratio Lower Upper
42 100
74 155.1 117.4 176.0
44 12.6 9.5 14.3

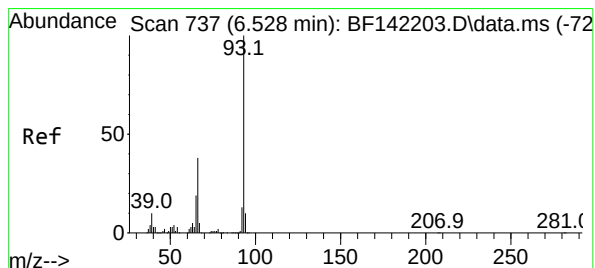
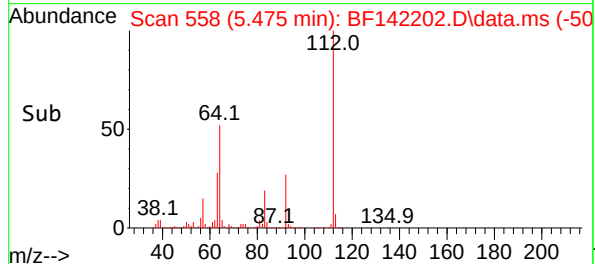
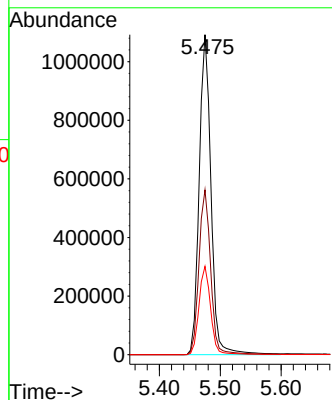
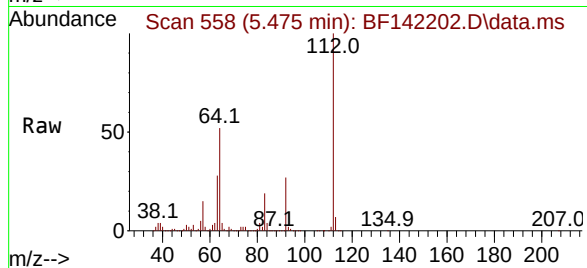




#5
2-Fluorophenol
Concen: 43.730 ng
RT: 5.475 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

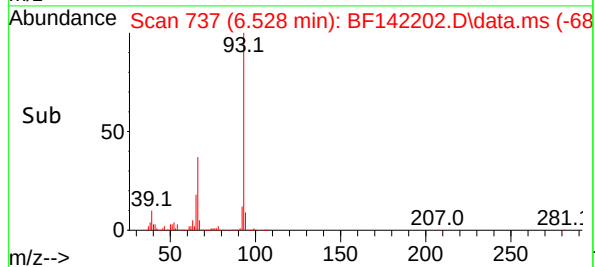
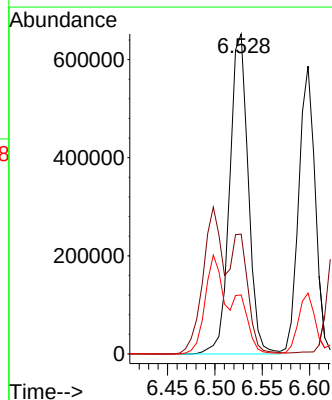
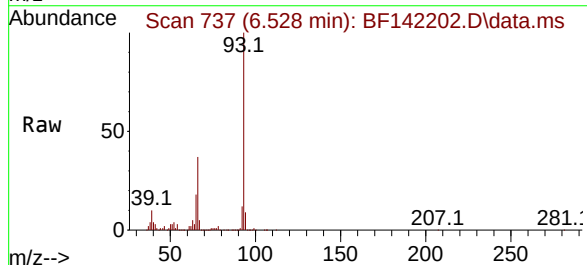
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

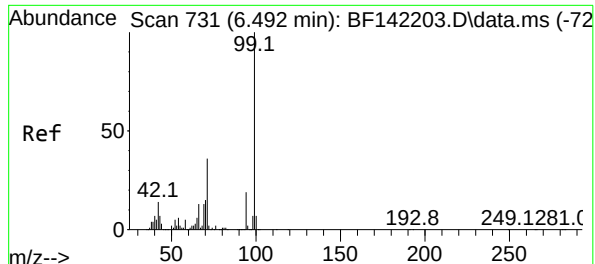
Tgt Ion:112 Resp: 1465514
Ion Ratio Lower Upper
112 100
64 51.5 40.9 61.3
63 27.6 22.0 33.0



#6
Aniline
Concen: 22.996 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 93 Resp: 891149
Ion Ratio Lower Upper
93 100
66 37.5 30.9 46.3
65 18.5 15.1 22.7

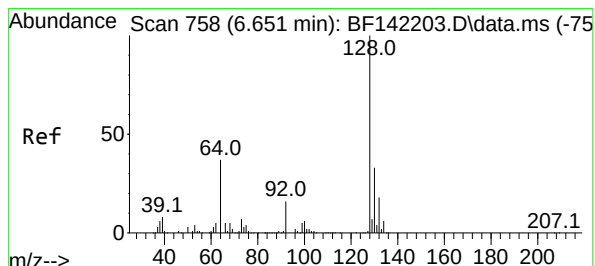
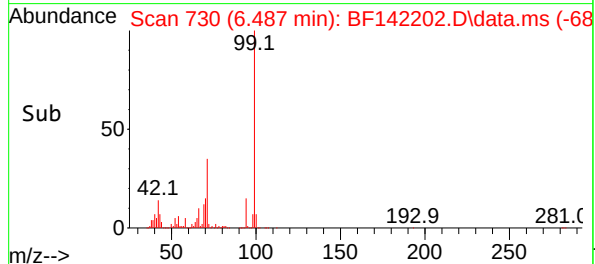
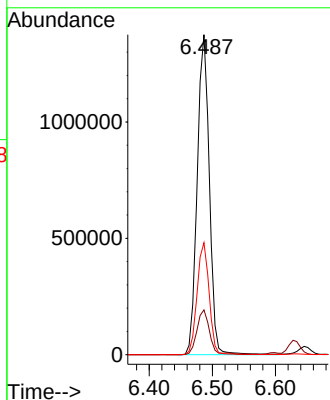
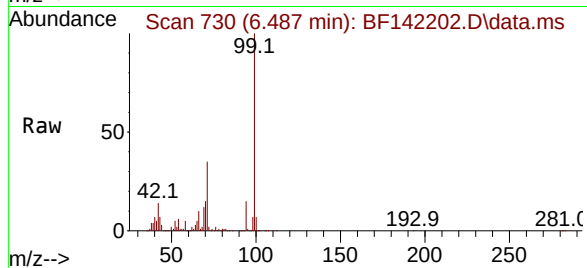




#7
Phenol-d6
Concen: 43.630 ng
RT: 6.487 min Scan# 711
Delta R.T. -0.005 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

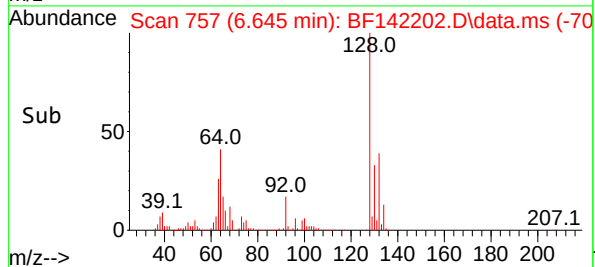
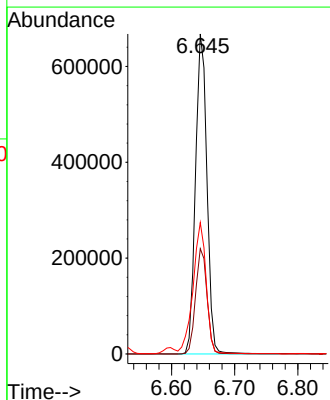
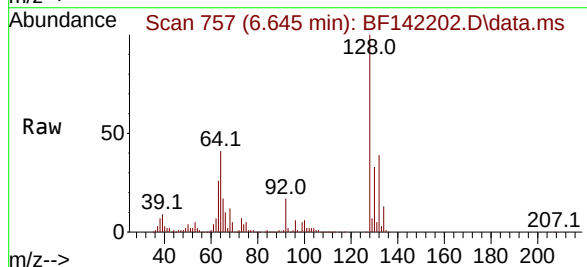
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

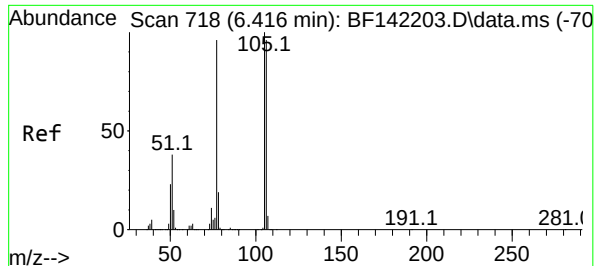
Tgt Ion: 99 Resp: 1831146
Ion Ratio Lower Upper
99 100
42 14.0 11.5 17.3
71 35.0 28.6 42.8



#8
2-Chlorophenol
Concen: 21.863 ng
RT: 6.645 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 128 Resp: 838698
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 41.0 18.8 58.8

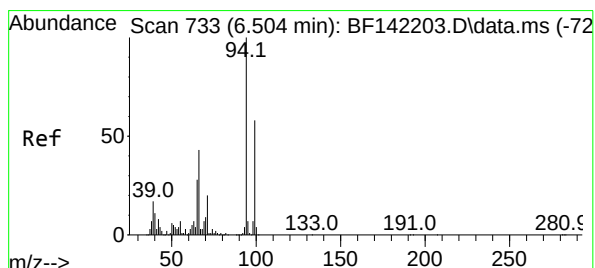
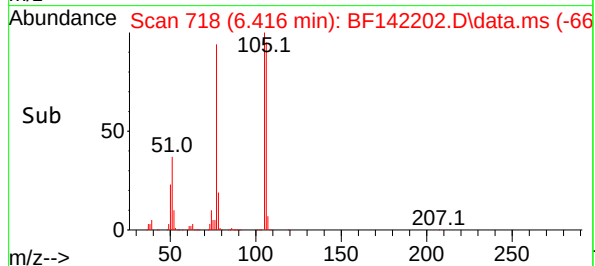
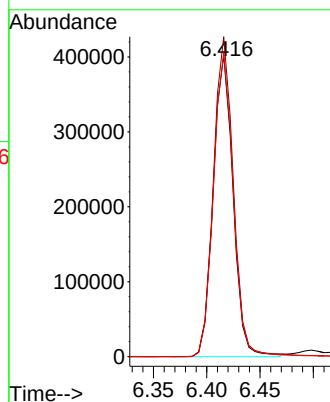
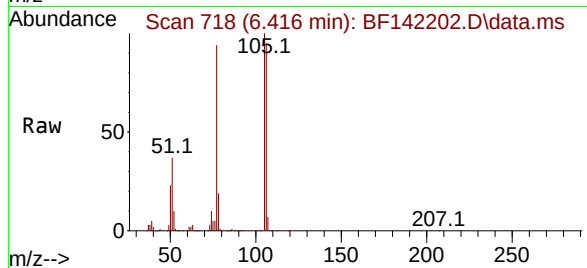




#9
Benzaldehyde
Concen: 22.554 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

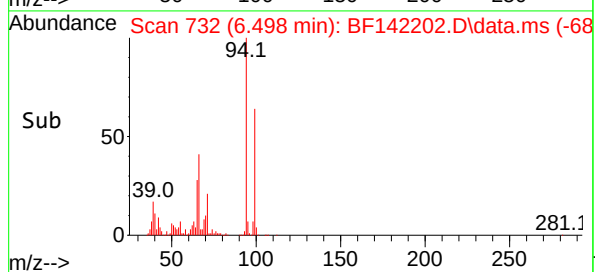
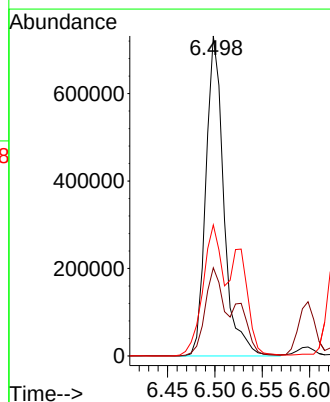
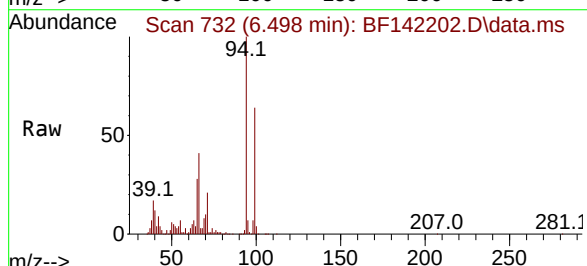
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

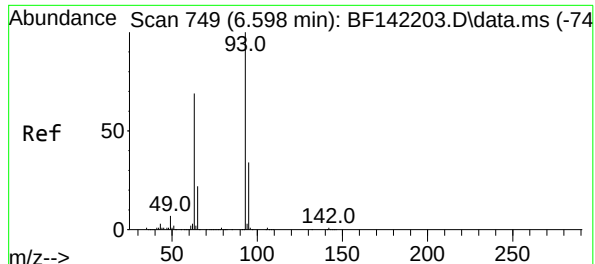
Tgt Ion: 77 Resp: 519702
Ion Ratio Lower Upper
77 100
105 106.2 84.4 124.4
106 100.9 80.3 120.3



#10
Phenol
Concen: 21.741 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 94 Resp: 962403
Ion Ratio Lower Upper
94 100
65 27.5 8.1 48.1
66 40.9 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 21.237 ng

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

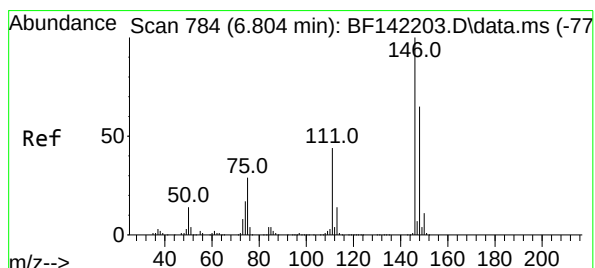
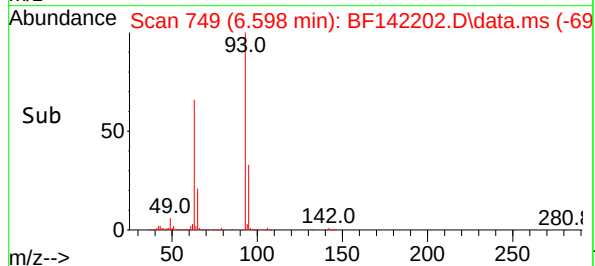
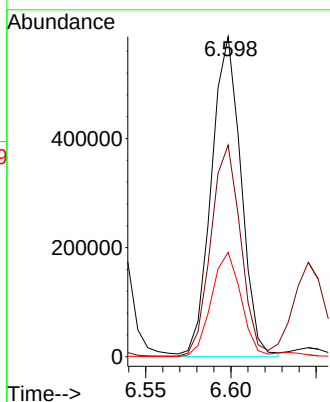
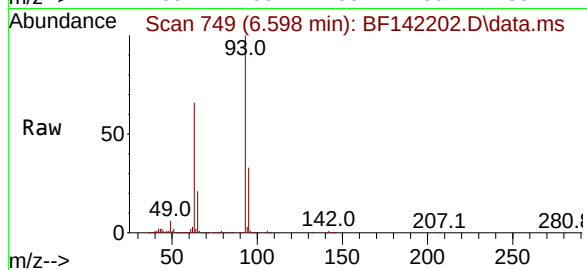
Tgt Ion: 93 Resp: 708937

Ion Ratio Lower Upper

93 100

63 66.1 47.9 87.9

95 32.6 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 21.962 ng

RT: 6.804 min Scan# 784

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

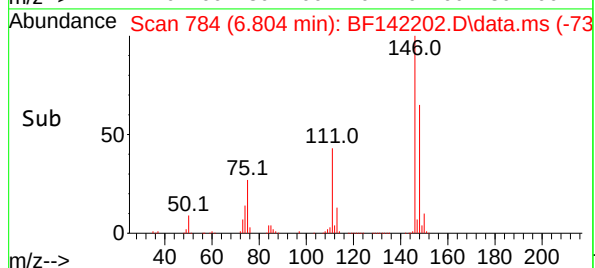
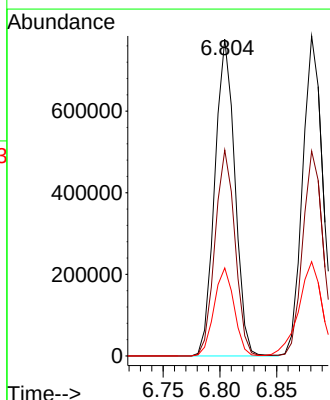
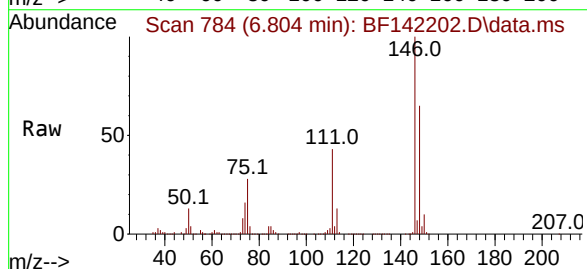
Tgt Ion:146 Resp: 954683

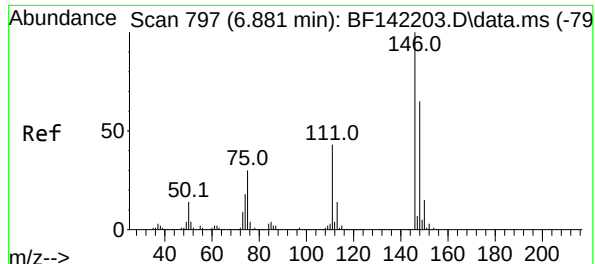
Ion Ratio Lower Upper

146 100

148 65.0 51.7 77.5

75 27.8 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 21.576 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

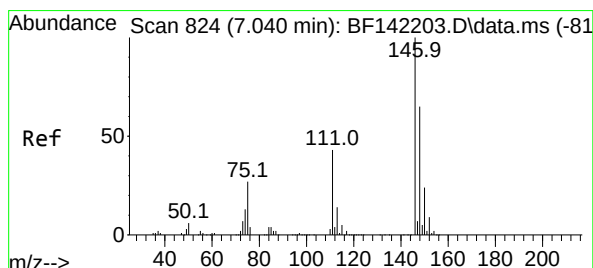
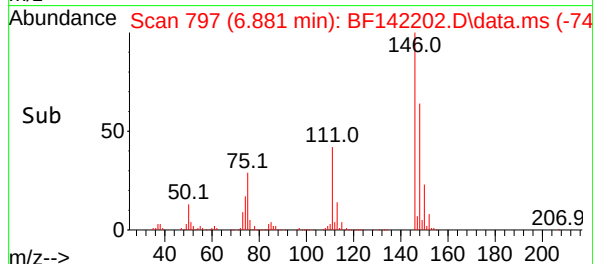
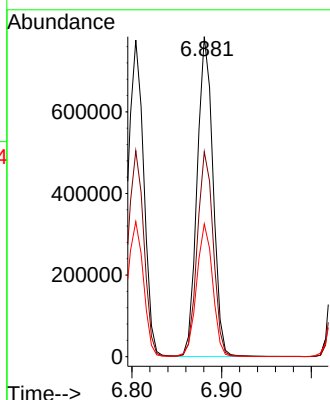
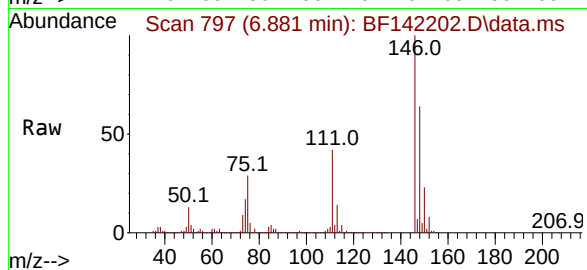
Tgt Ion:146 Resp: 961927

Ion Ratio Lower Upper

146 100

148 64.1 52.4 78.6

111 41.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 21.739 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

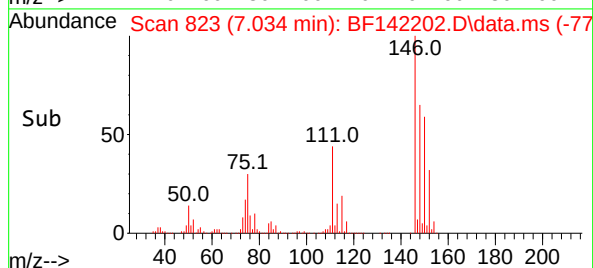
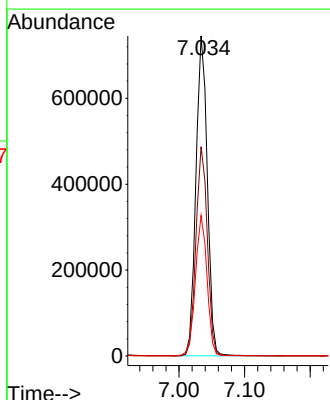
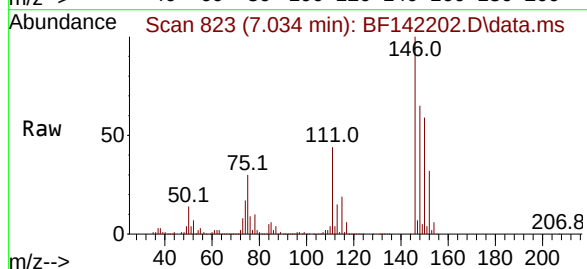
Tgt Ion:146 Resp: 901650

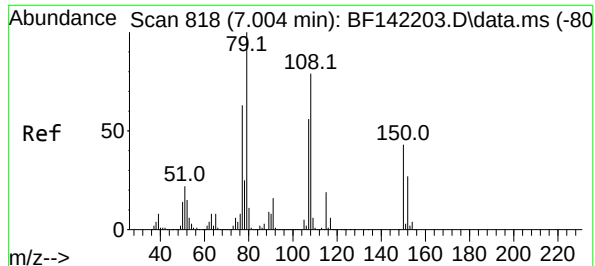
Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

111 43.9 34.2 51.4





#15

Benzyl Alcohol

Concen: 22.105 ng

RT: 7.004 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

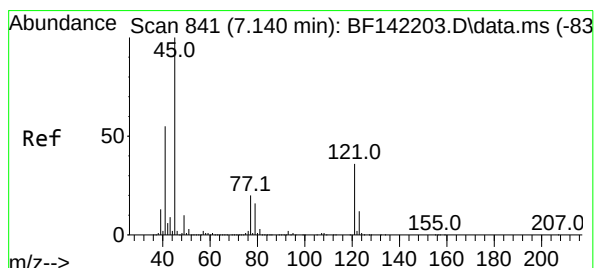
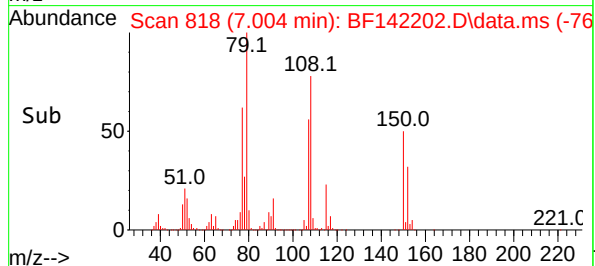
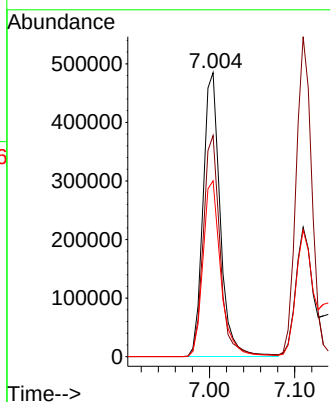
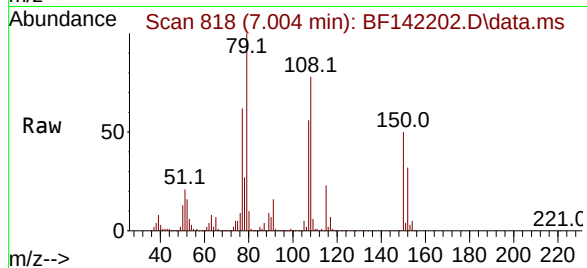
Tgt Ion: 79 Resp: 676447

Ion Ratio Lower Upper

79 100

108 77.8 63.1 94.7

77 61.9 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.512 ng

RT: 7.139 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

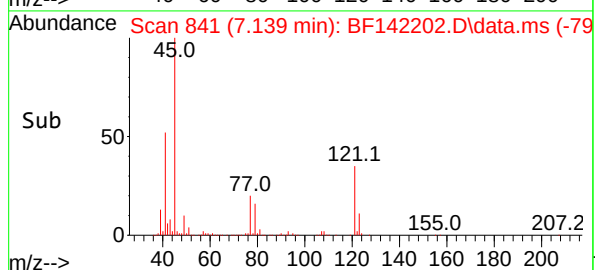
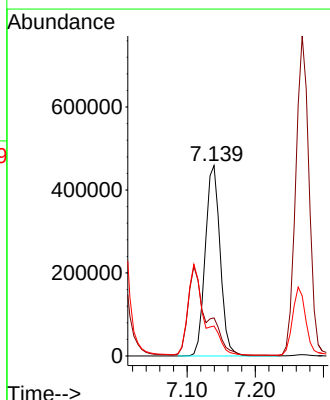
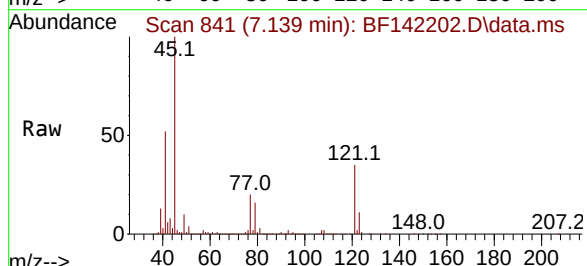
Tgt Ion: 45 Resp: 696065

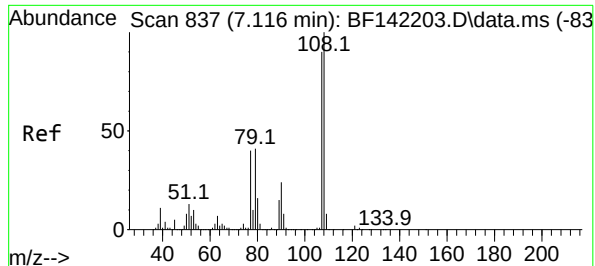
Ion Ratio Lower Upper

45 100

77 20.0 1.4 41.4

79 15.7 0.0 36.7

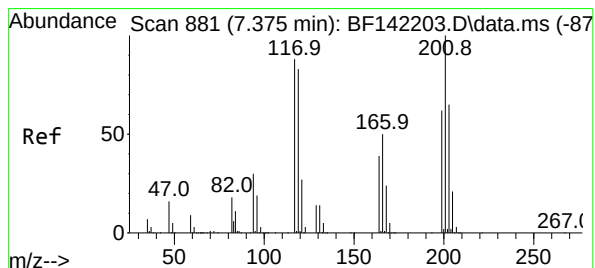
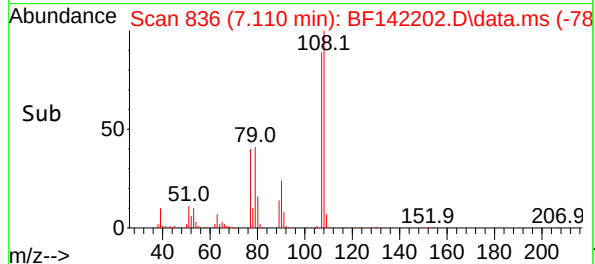
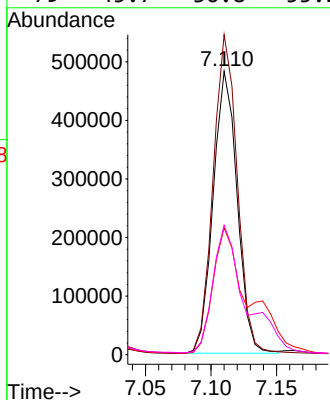
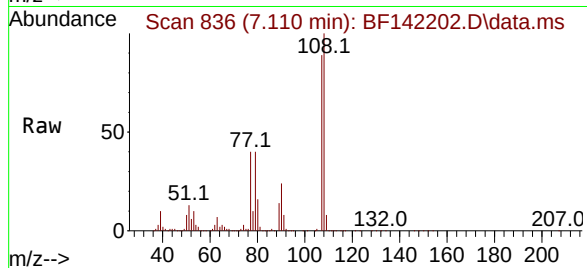




#17
2-Methylphenol
Concen: 21.219 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

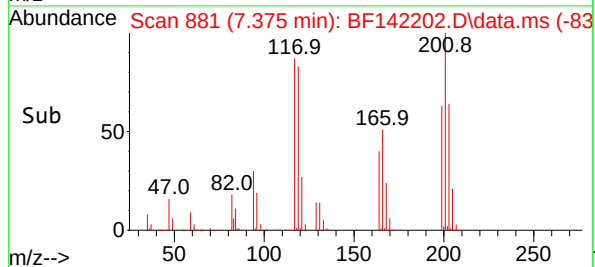
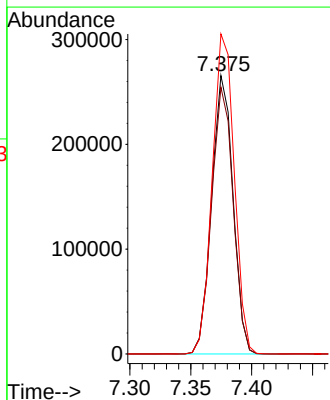
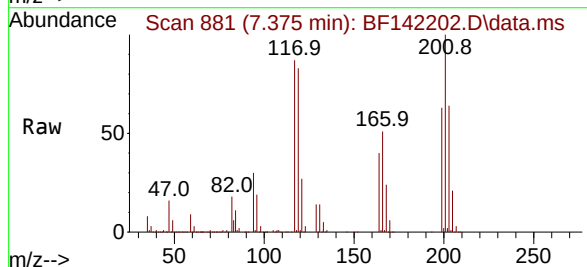
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

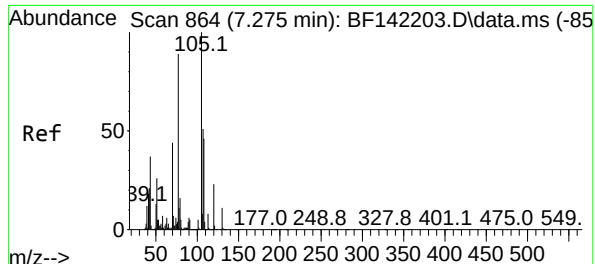
Tgt Ion:107 Resp: 612608
Ion Ratio Lower Upper
107 100
108 112.9 89.4 134.2
77 44.7 36.3 54.5
79 45.7 36.8 55.2



#18
Hexachloroethane
Concen: 21.470 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:117 Resp: 325188
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 115.0 91.4 137.0

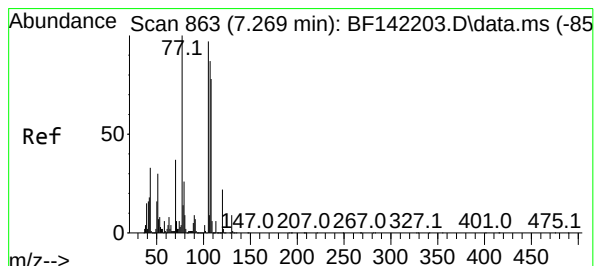
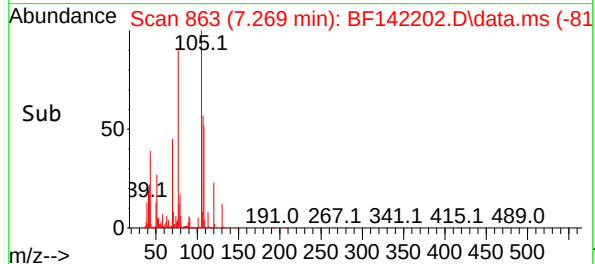
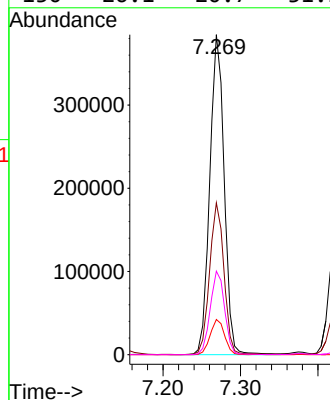
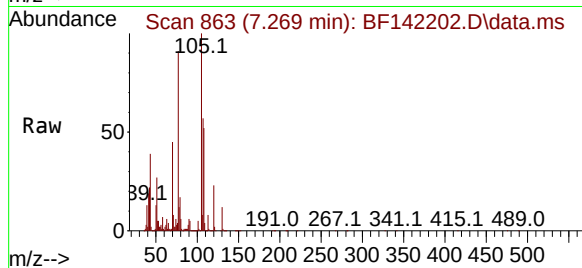




#19
n-Nitroso-di-n-propylamine
Concen: 20.954 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

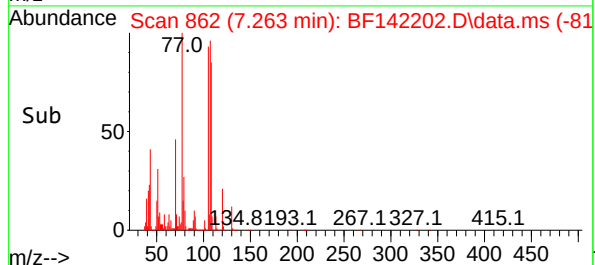
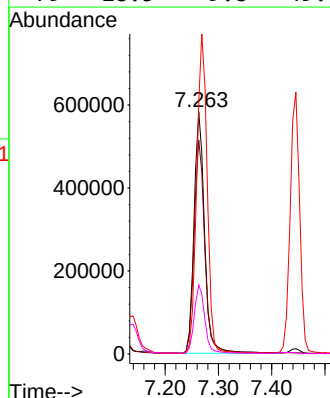
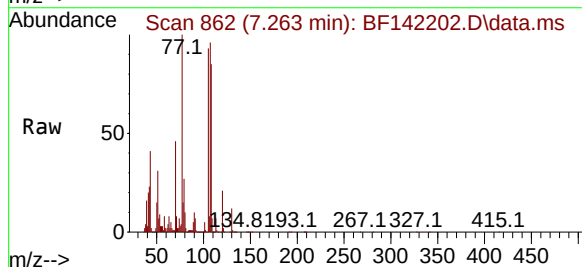
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

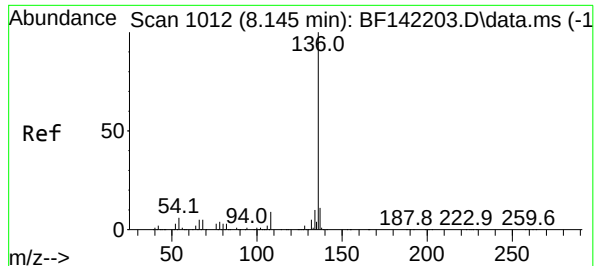
Tgt Ion: 70 Resp: 497294
Ion Ratio Lower Upper
70 100
42 47.5 37.4 56.0
101 11.0 8.6 13.0
130 26.1 20.7 31.1



#20
3+4-Methylphenols
Concen: 22.393 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 107 Resp: 804080
Ion Ratio Lower Upper
107 100
108 88.4 69.8 109.8
77 103.8 94.5 134.5
79 28.5 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 2329127

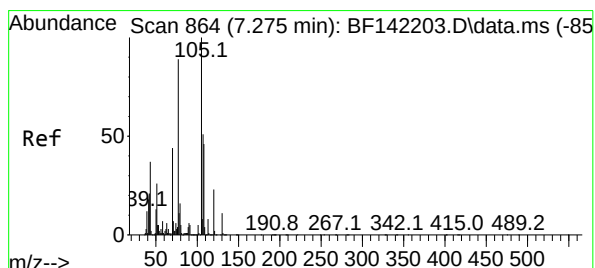
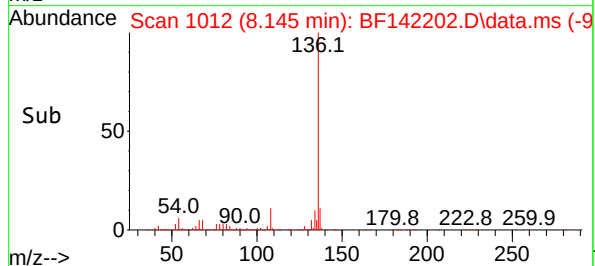
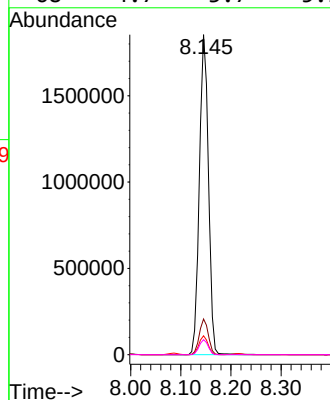
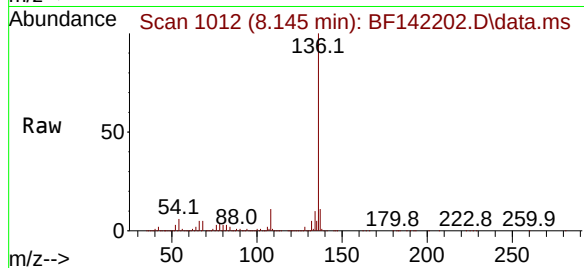
Ion	Ratio	Lower	Upper

136	100		

137	11.1	8.9	13.3

54	5.9	4.7	7.1

68	4.7	3.7	5.5



#22

Acetophenone

Concen: 21.824 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion:105 Resp: 1115744

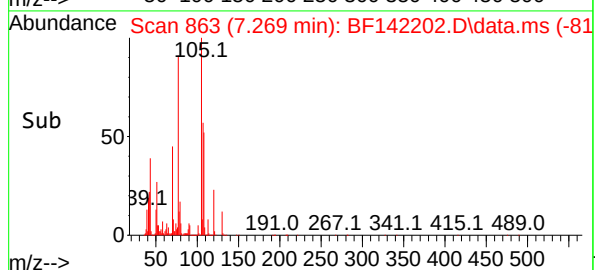
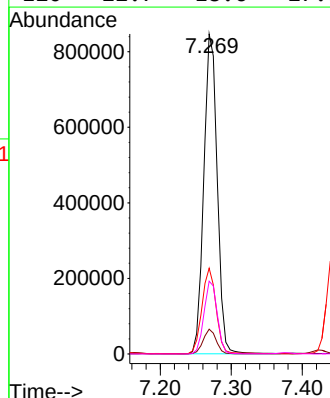
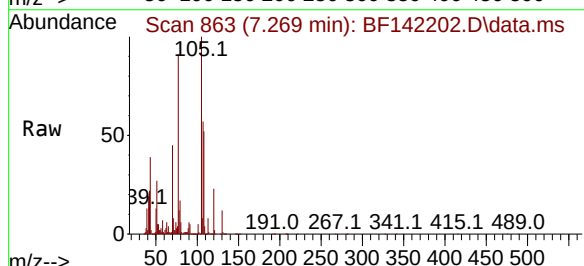
Ion	Ratio	Lower	Upper

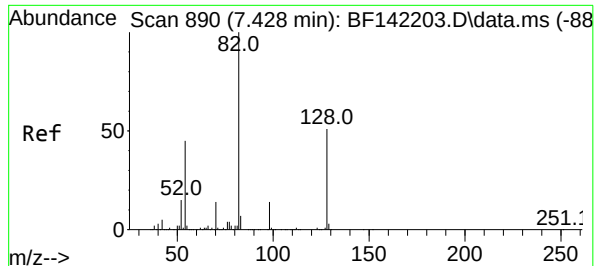
105	100		

71	7.7	5.8	8.8

51	26.8	20.9	31.3

120	22.7	18.6	27.8





#23

Nitrobenzene-d5

Concen: 43.238 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

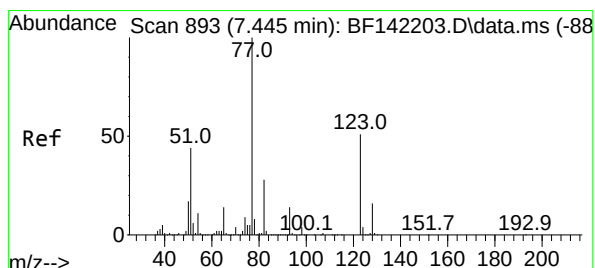
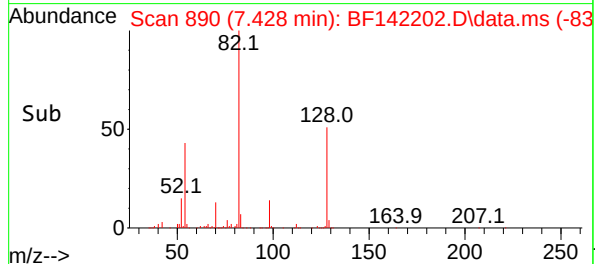
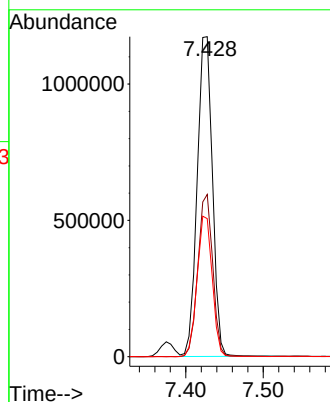
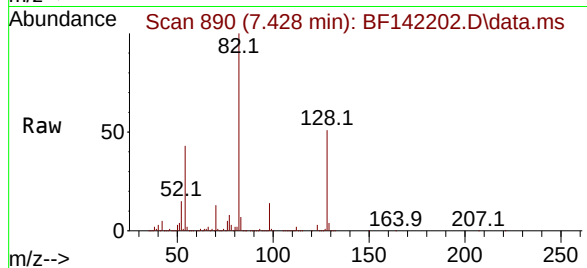
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 1603553

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.2	60.2
54	43.1	35.5	53.3



#24

Nitrobenzene

Concen: 21.272 ng

RT: 7.445 min Scan# 893

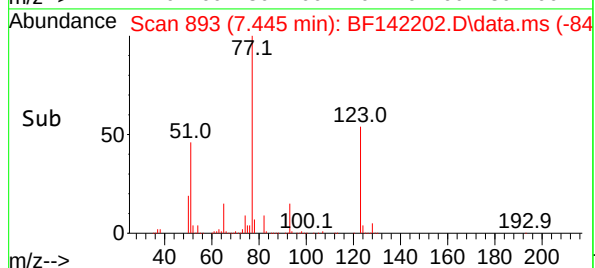
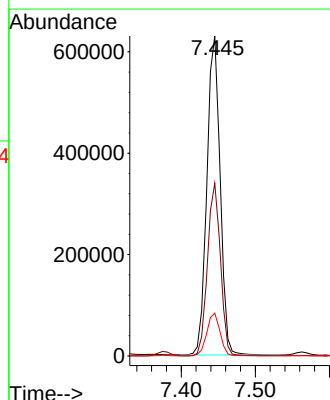
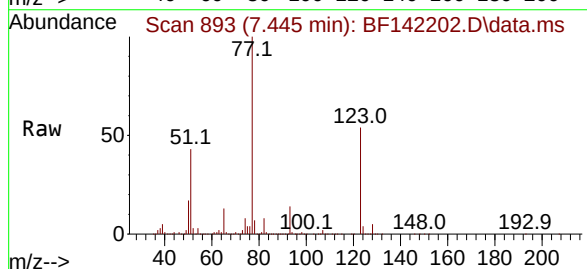
Delta R.T. -0.000 min

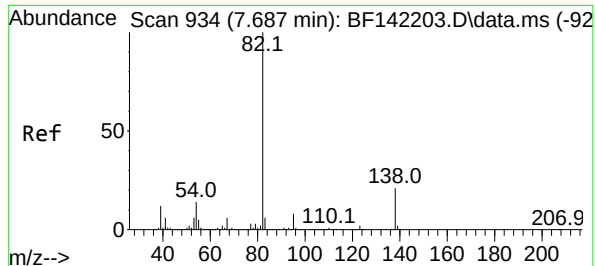
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion: 77 Resp: 781550

Ion	Ratio	Lower	Upper
77	100		
123	54.0	40.7	61.1
65	13.4	10.9	16.3

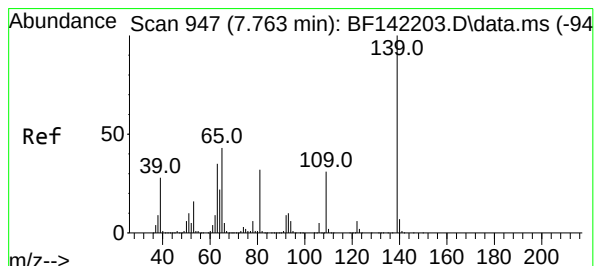
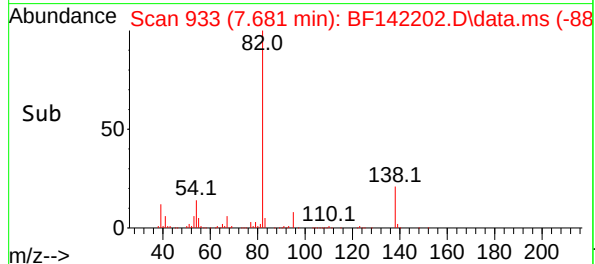
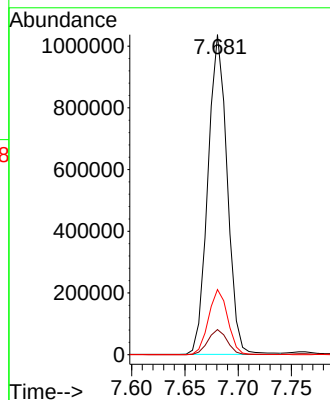
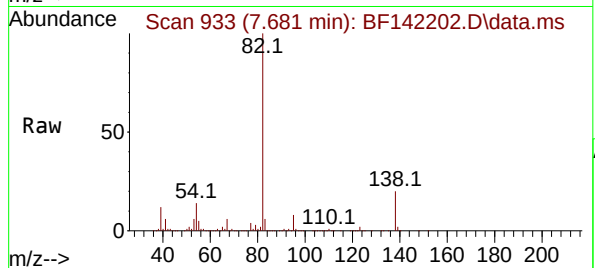




#25
Isophorone
Concen: 21.035 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

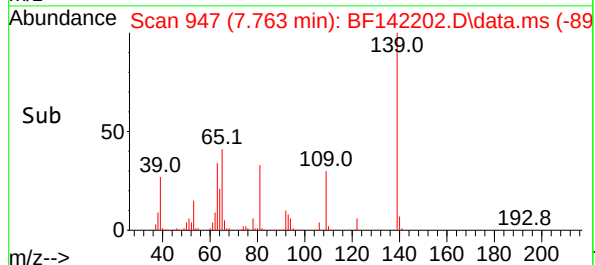
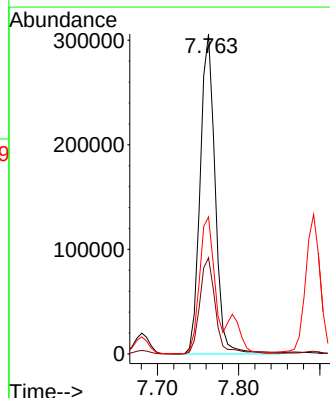
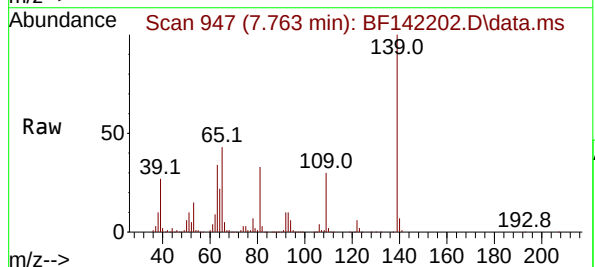
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

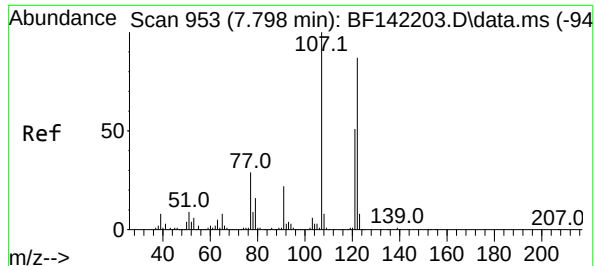
Tgt Ion: 82 Resp: 1309509
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 20.4 16.9 25.3



#26
2-Nitrophenol
Concen: 20.400 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:139 Resp: 393977
Ion Ratio Lower Upper
139 100
109 30.1 24.4 36.6
65 42.9 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 20.838 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

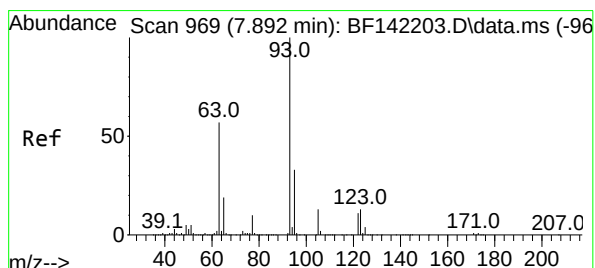
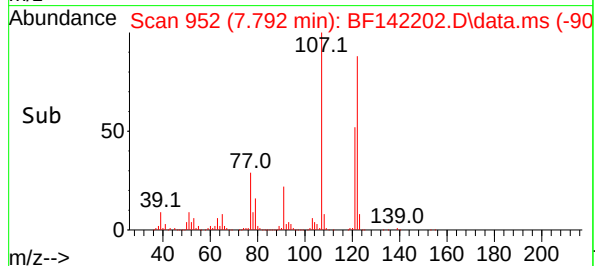
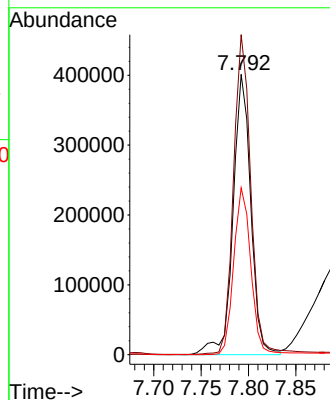
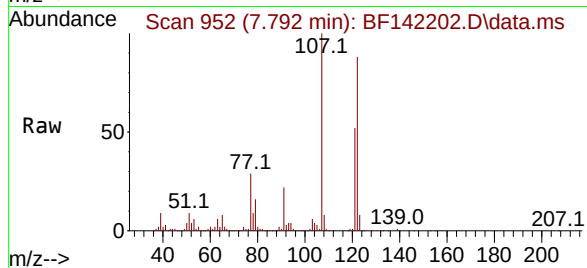
Tgt Ion:122 Resp: 523273

Ion Ratio Lower Upper

122 100

107 114.2 91.6 137.4

121 59.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 21.197 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

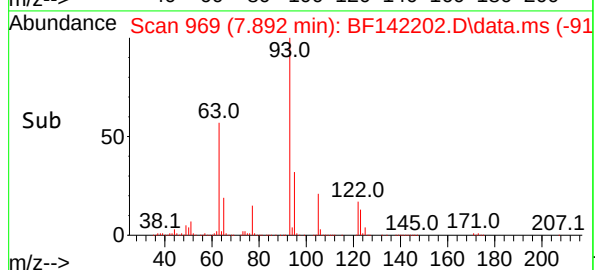
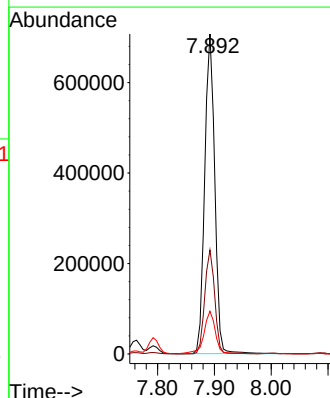
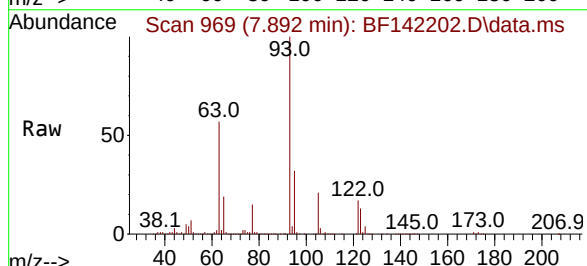
Tgt Ion: 93 Resp: 866052

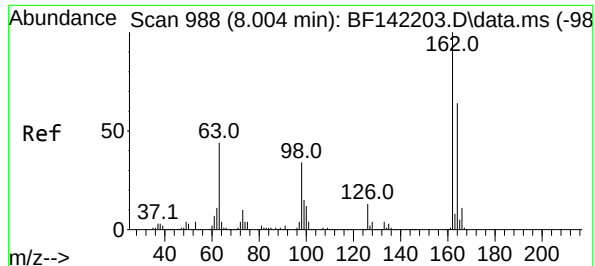
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 13.3 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 21.078 ng

RT: 7.998 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

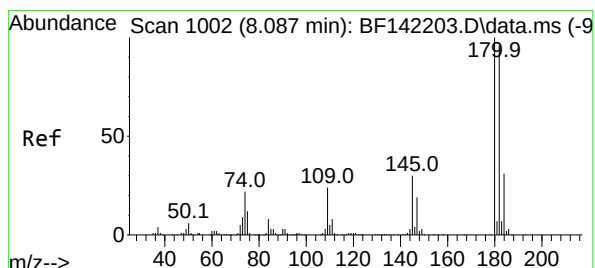
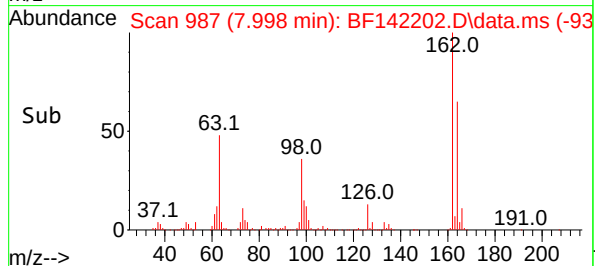
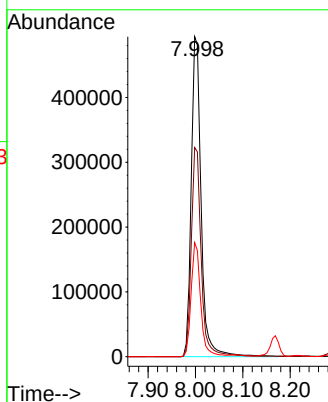
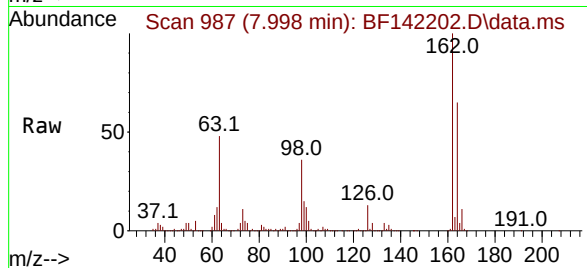
Tgt Ion:162 Resp: 719878

Ion Ratio Lower Upper

162 100

164 65.3 44.2 84.2

98 35.6 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 21.314 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

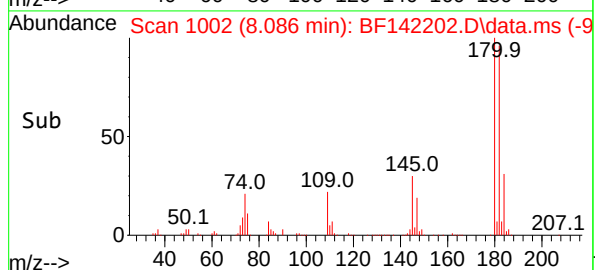
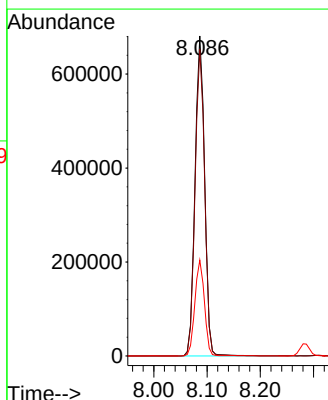
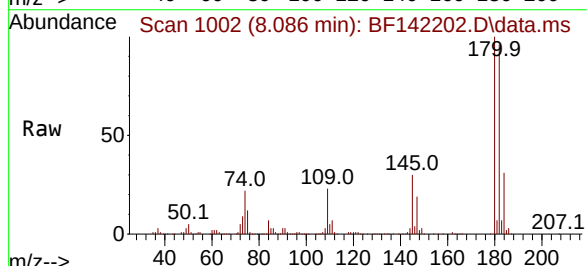
Tgt Ion:180 Resp: 851257

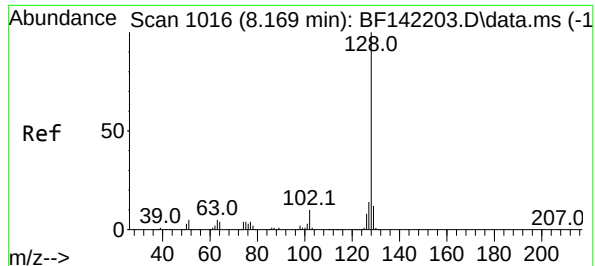
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 30.0 24.3 36.5

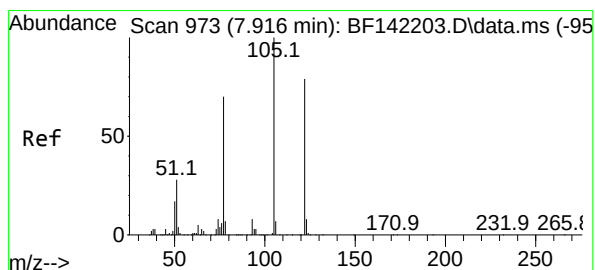
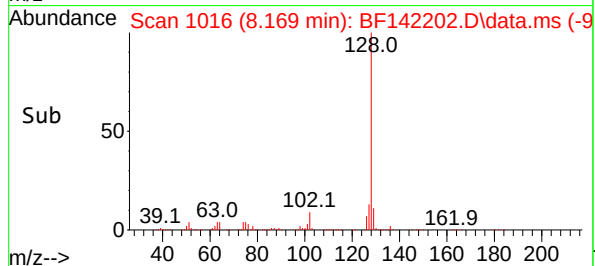
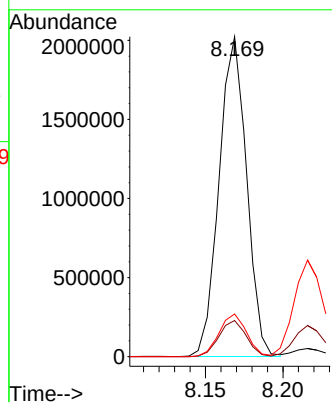
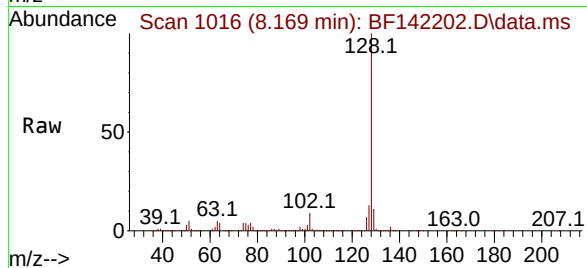




#31
Naphthalene
Concen: 22.659 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

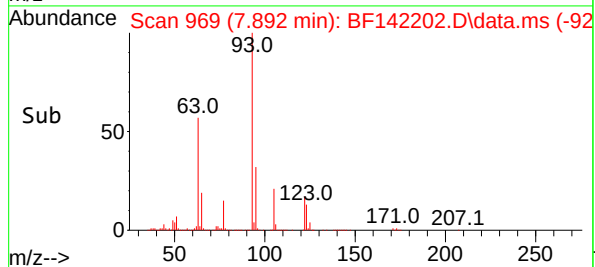
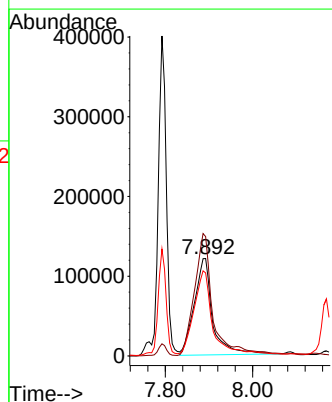
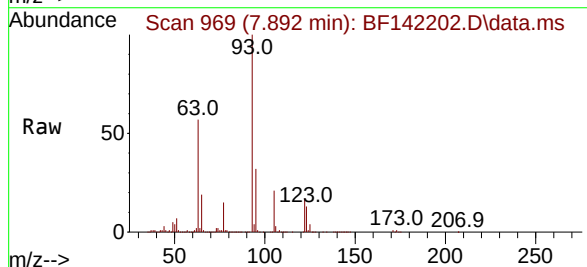
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

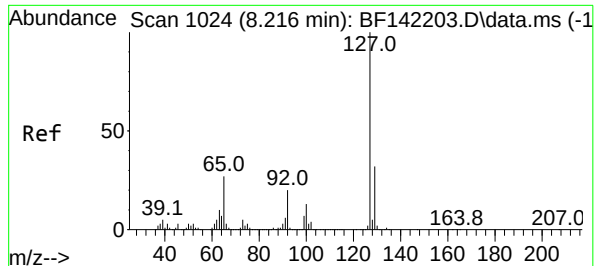
Tgt Ion:128 Resp: 2493078
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.3 11.4 17.0



#32
Benzoic acid
Concen: 19.928 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.024 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:122 Resp: 353600
Ion Ratio Lower Upper
122 100
105 122.5 101.5 141.5
77 85.2 66.6 106.6





#33

4-Chloroaniline

Concen: 21.483 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 855844

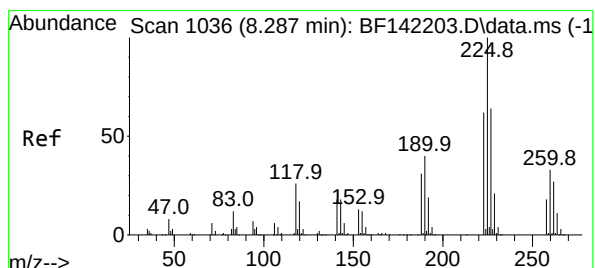
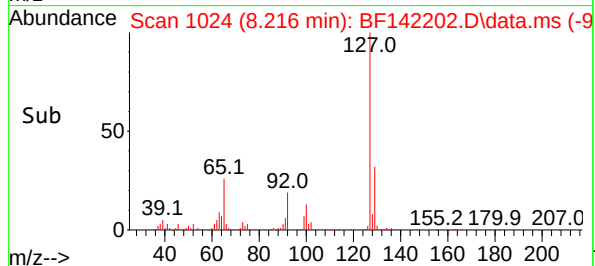
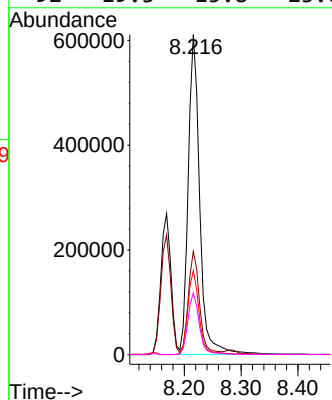
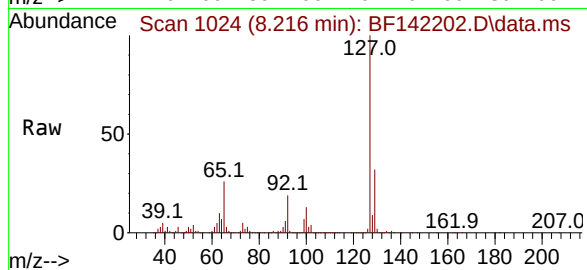
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 26.2 21.8 32.6

92 19.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 21.374 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

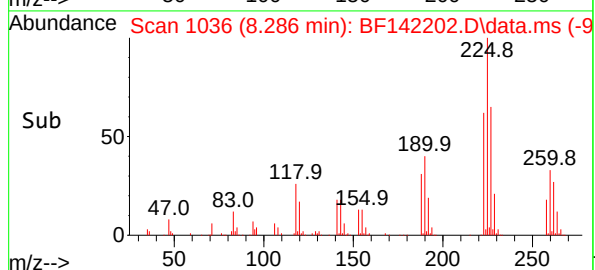
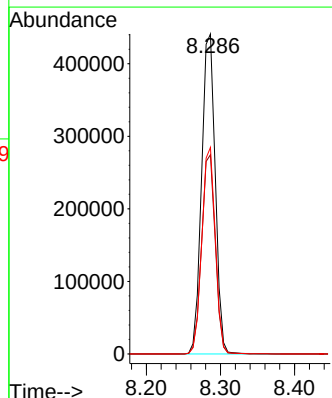
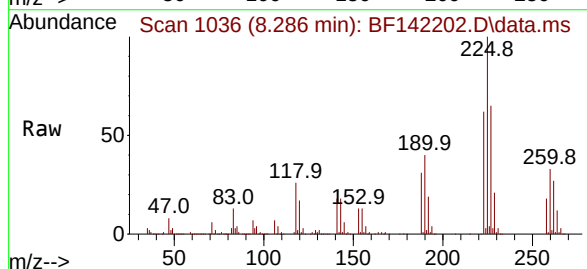
Tgt Ion:225 Resp: 563364

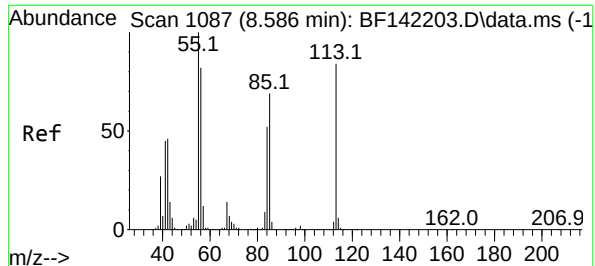
Ion Ratio Lower Upper

225 100

223 62.3 49.4 74.2

227 64.6 51.4 77.2

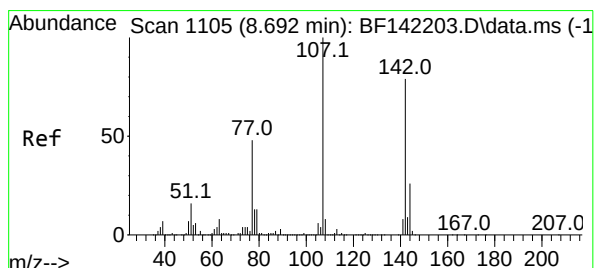
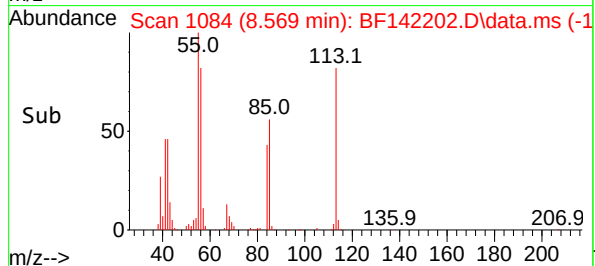
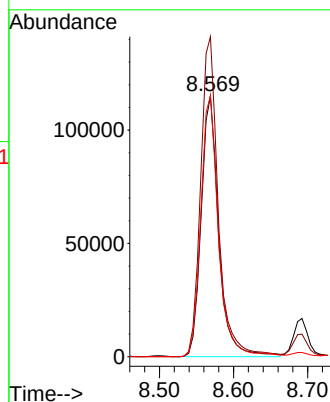
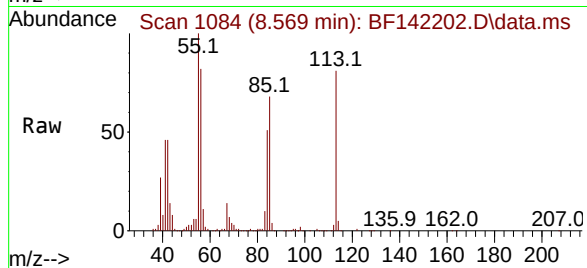




#35
Caprolactam
Concen: 20.709 ng
RT: 8.569 min Scan# 1084
Delta R.T. -0.018 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

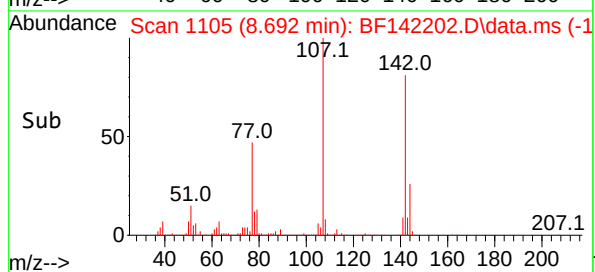
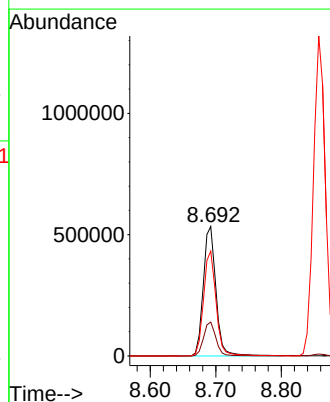
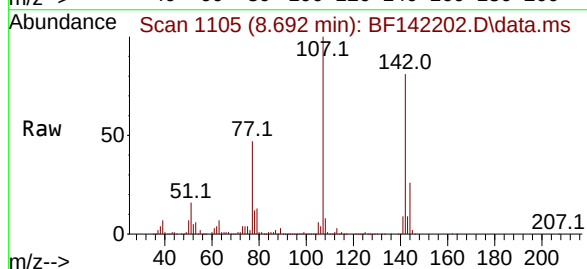
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

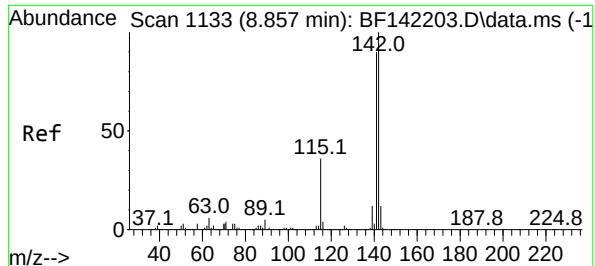
Tgt Ion:113 Resp: 188680
Ion Ratio Lower Upper
113 100
55 122.8 99.5 139.5
56 100.2 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 20.832 ng
RT: 8.692 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:107 Resp: 716198
Ion Ratio Lower Upper
107 100
144 26.3 20.6 30.8
142 81.0 63.2 94.8





#37

2-Methylnaphthalene

Concen: 21.843 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

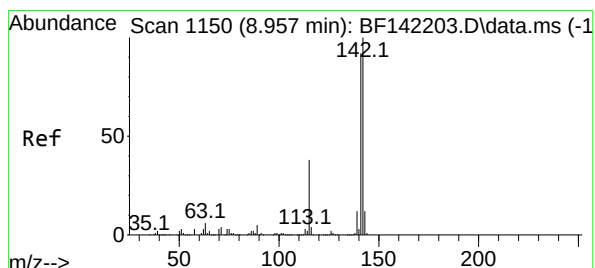
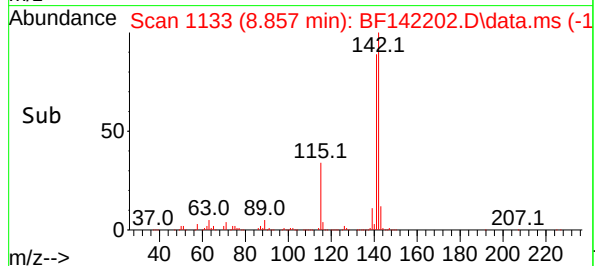
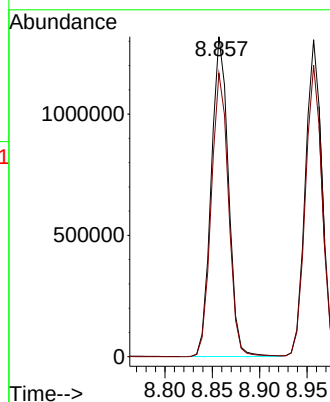
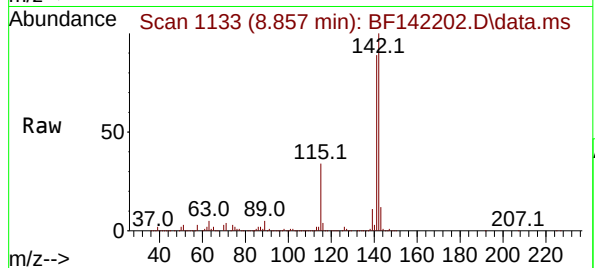
SSTDICC020

Tgt Ion:142 Resp: 1660954

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9



#38

1-Methylnaphthalene

Concen: 21.578 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF142202.D

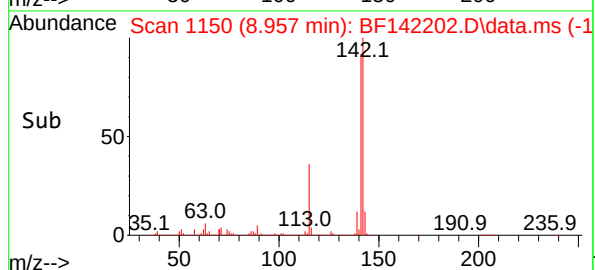
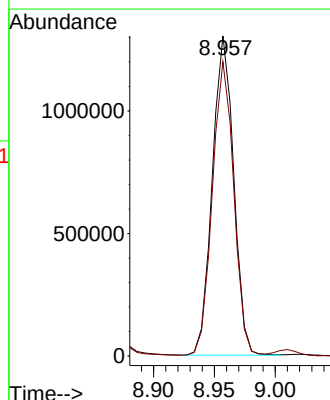
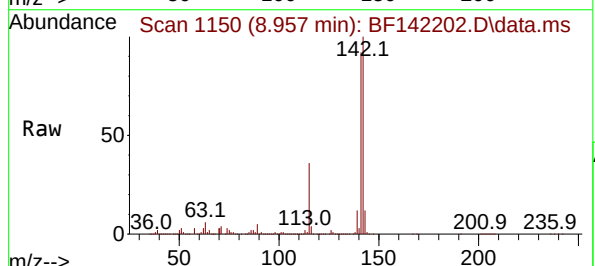
Acq: 21 Apr 2025 12:37

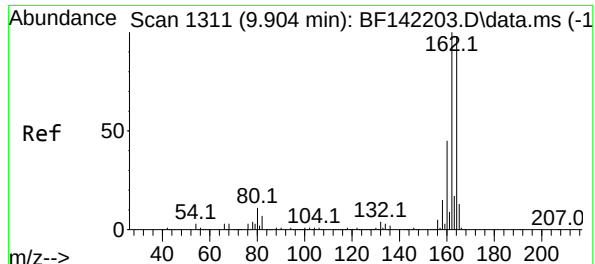
Tgt Ion:142 Resp: 1588611

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

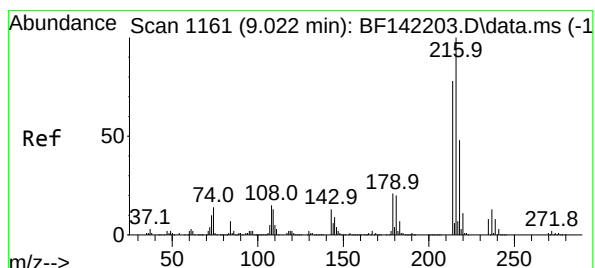
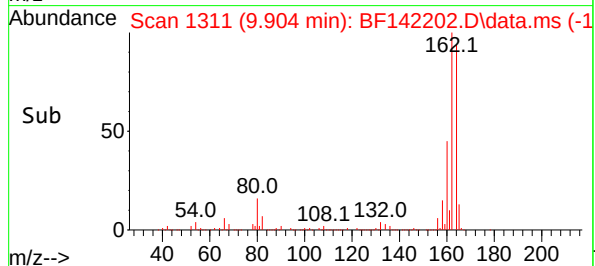
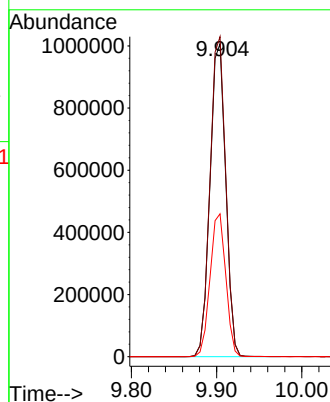
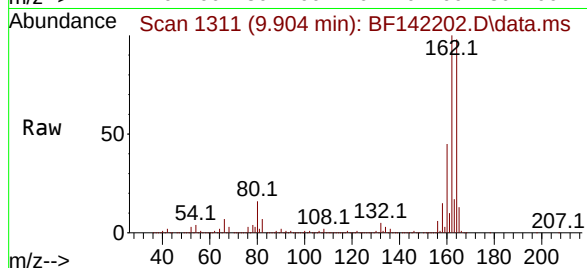
Tgt Ion:164 Resp: 1291636

Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

160 45.7 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.505 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion:216 Resp: 908840

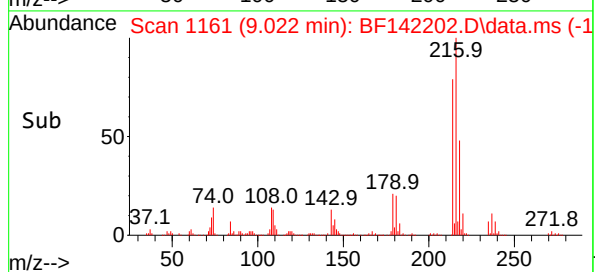
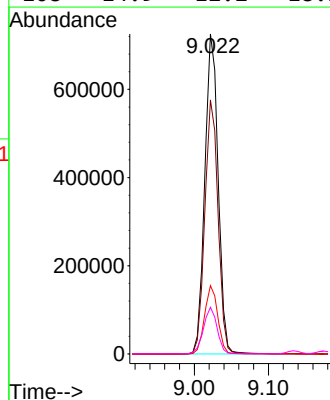
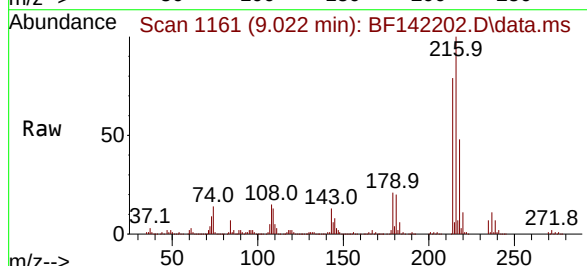
Ion Ratio Lower Upper

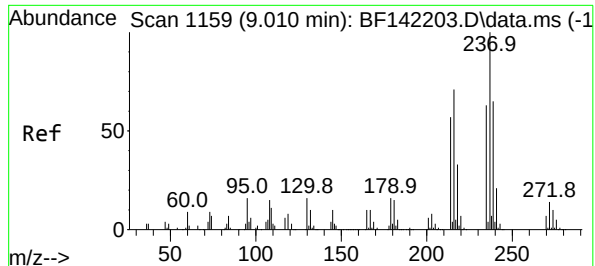
216 100

214 79.0 62.7 94.1

179 21.1 16.7 25.1

108 14.9 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 21.299 ng

RT: 9.010 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

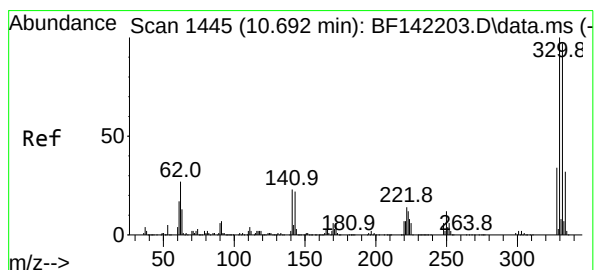
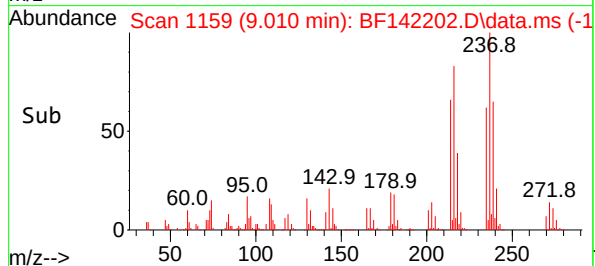
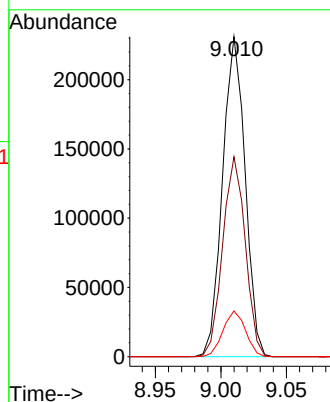
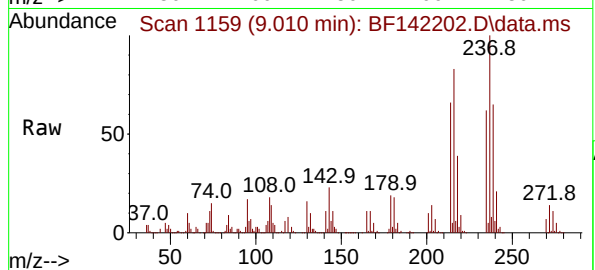
Tgt Ion:237 Resp: 276019

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

272 14.3 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 42.293 ng

RT: 10.686 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

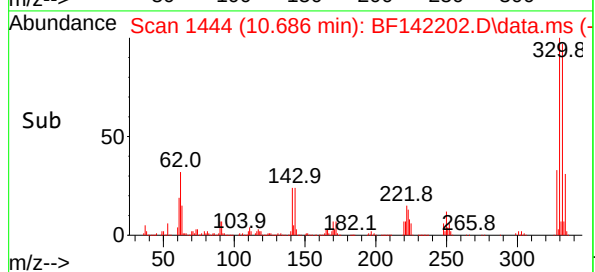
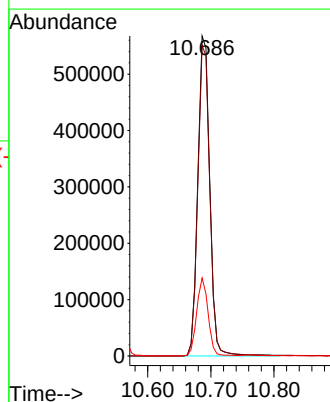
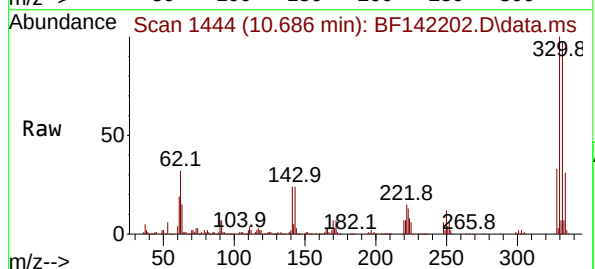
Tgt Ion:330 Resp: 746903

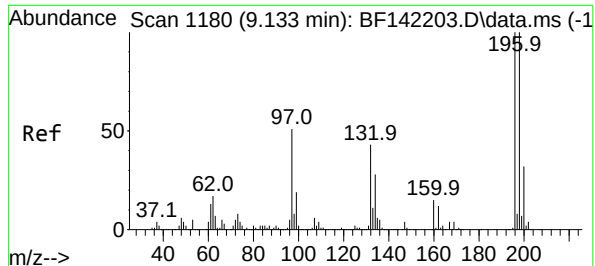
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 23.5 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 21.410 ng

RT: 9.133 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

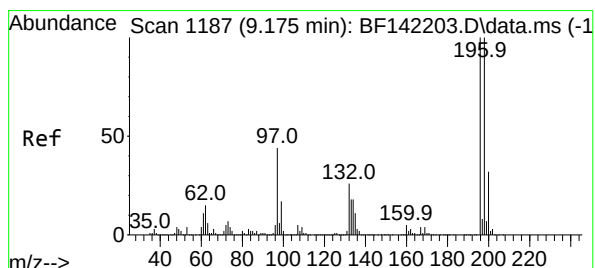
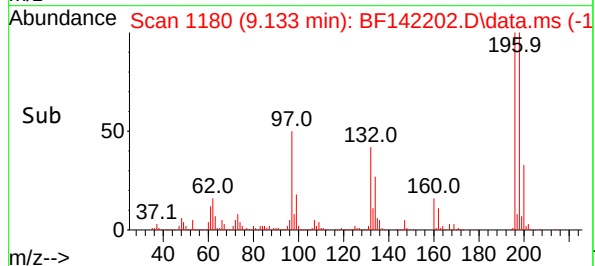
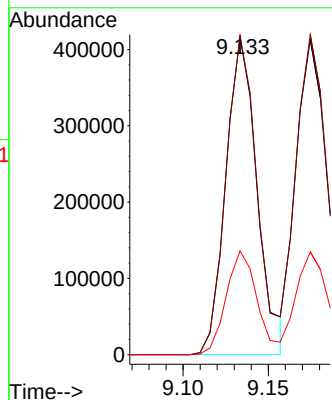
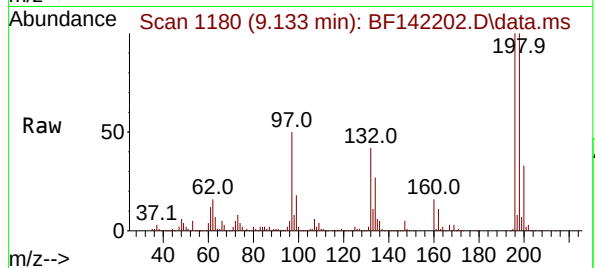
Tgt Ion:196 Resp: 528275

Ion Ratio Lower Upper

196 100

198 100.4 80.0 120.0

200 32.7 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 20.651 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion:196 Resp: 546169

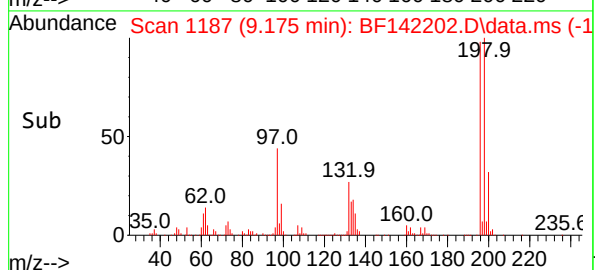
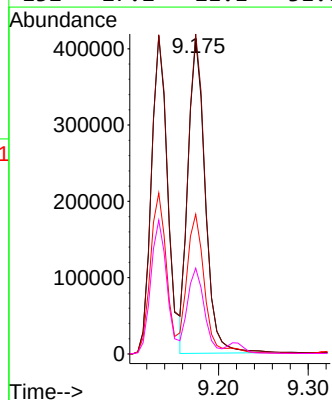
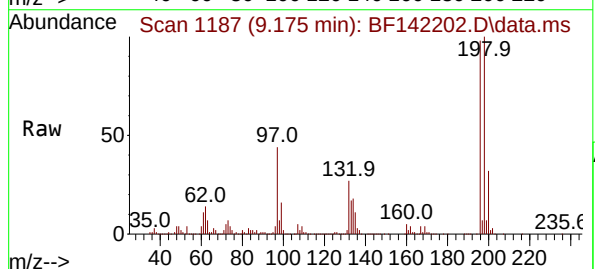
Ion Ratio Lower Upper

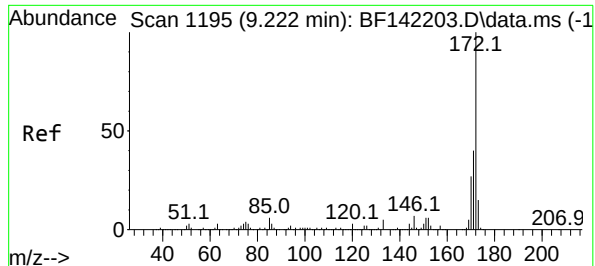
196 100

198 101.6 80.0 120.0

97 44.3 35.9 53.9

132 27.2 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 44.723 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

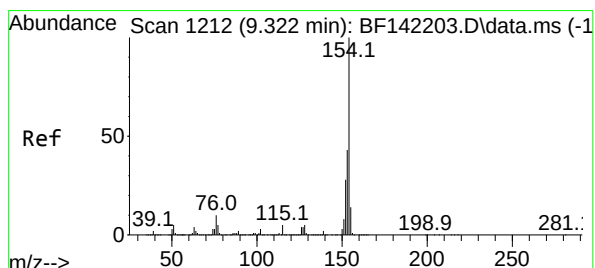
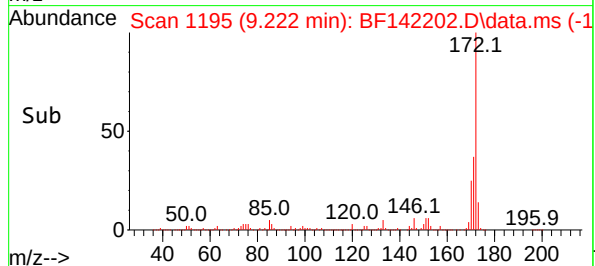
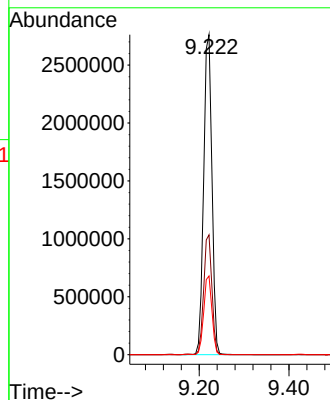
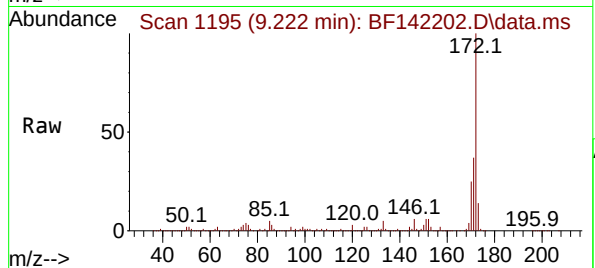
Tgt Ion:172 Resp: 3544073

Ion Ratio Lower Upper

172 100

171 37.4 32.1 48.1

170 24.6 21.4 32.0



#46

1,1'-Biphenyl

Concen: 22.537 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

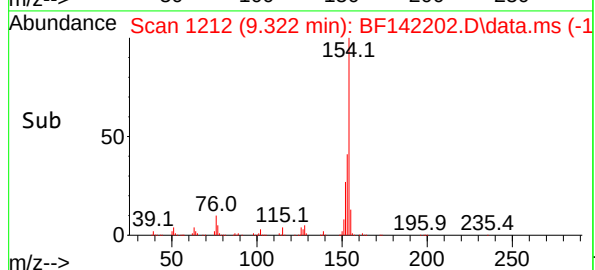
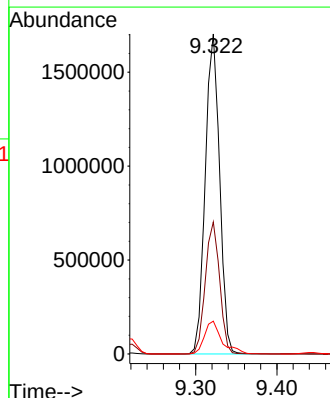
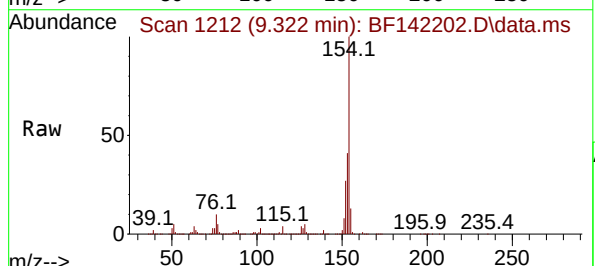
Tgt Ion:154 Resp: 2087411

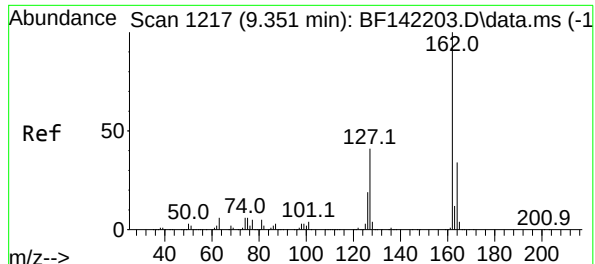
Ion Ratio Lower Upper

154 100

153 41.3 22.5 62.5

76 10.3 0.0 30.4





#47

2-Chloronaphthalene

Concen: 22.054 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

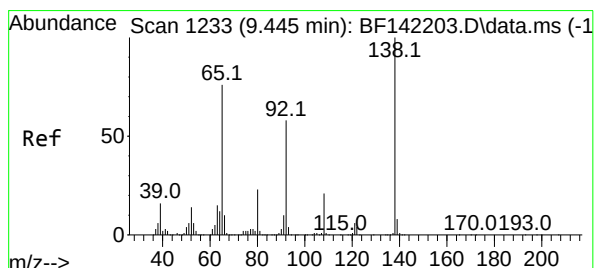
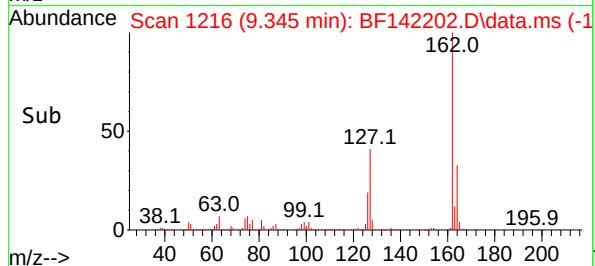
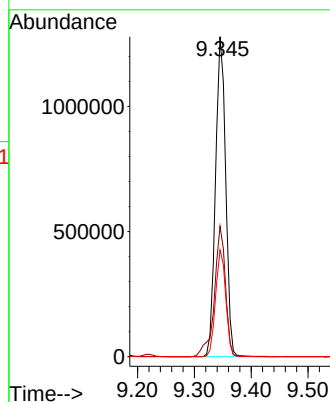
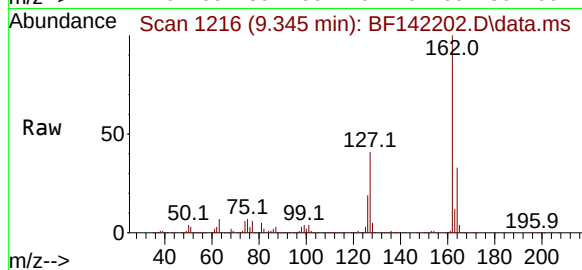
Tgt Ion:162 Resp: 1585509

Ion Ratio Lower Upper

162 100

127 40.7 33.1 49.7

164 33.3 27.1 40.7



#48

2-Nitroaniline

Concen: 21.623 ng

RT: 9.439 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

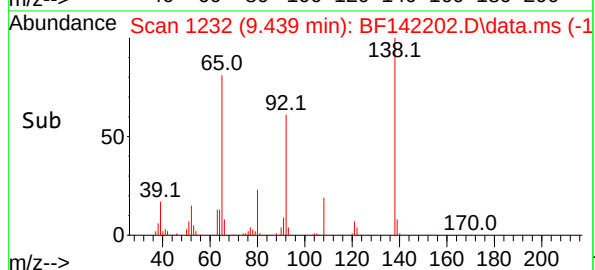
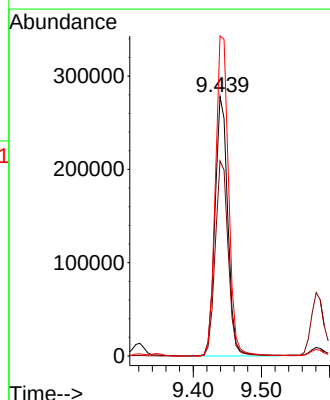
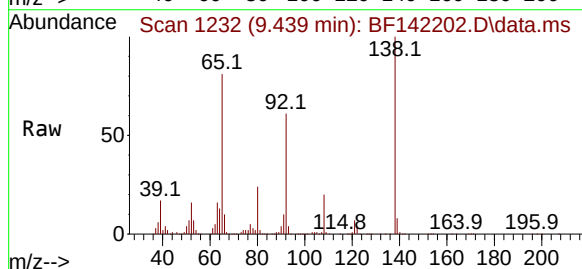
Tgt Ion: 65 Resp: 364382

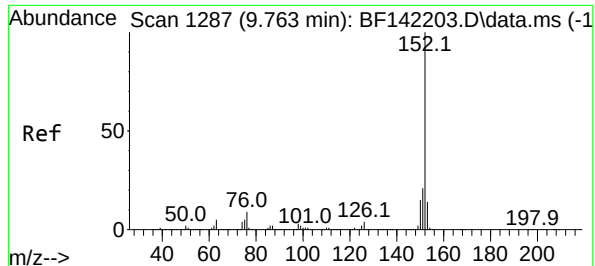
Ion Ratio Lower Upper

65 100

92 75.2 61.4 92.0

138 123.4 105.8 158.6





#49

Acenaphthylene

Concen: 22.515 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

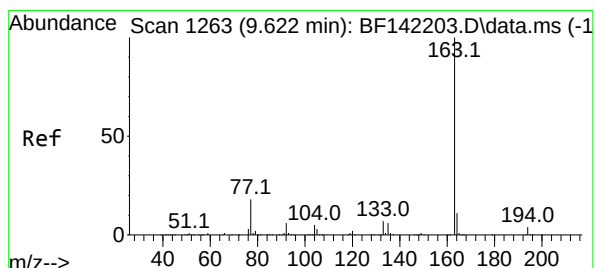
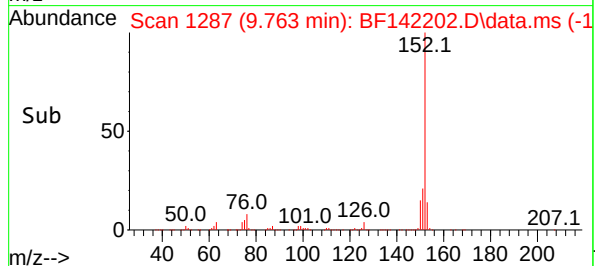
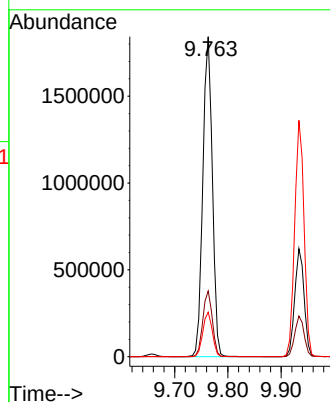
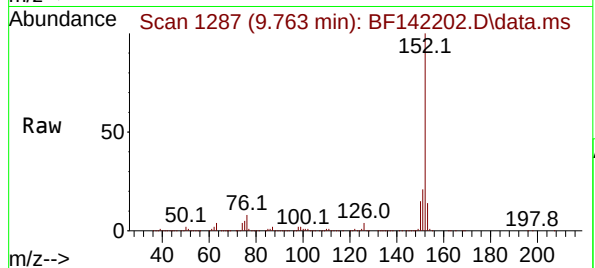
Tgt Ion:152 Resp: 2287951

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.9 11.6 17.4



#50

Dimethylphthalate

Concen: 21.846 ng

RT: 9.616 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

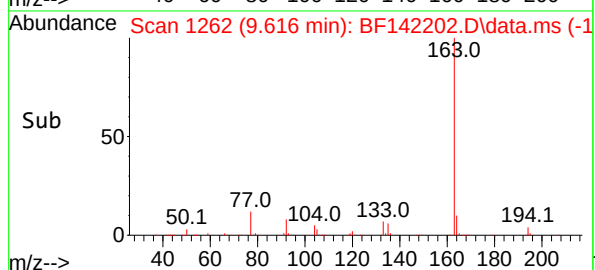
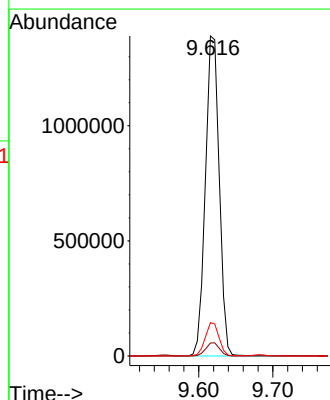
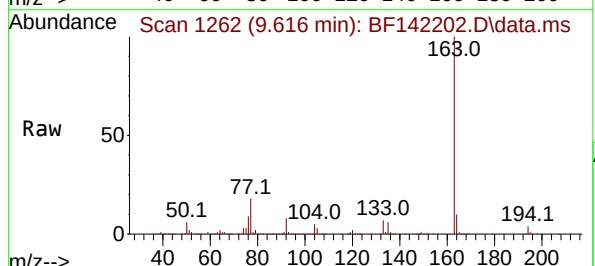
Tgt Ion:163 Resp: 1809172

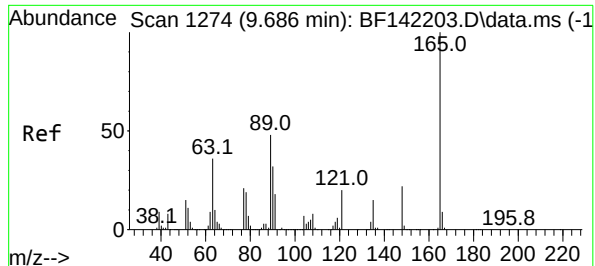
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.4 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 21.444 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

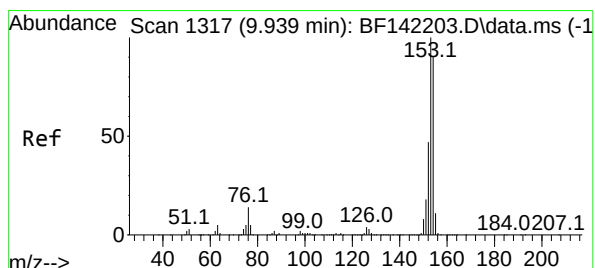
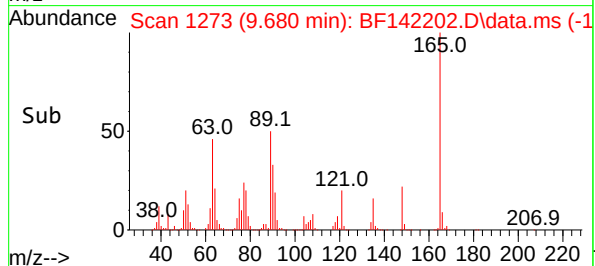
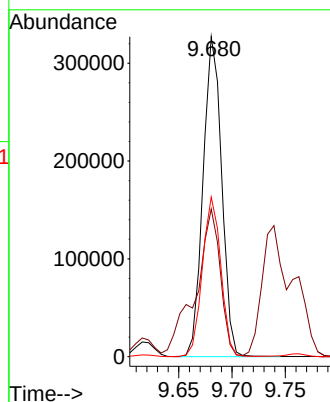
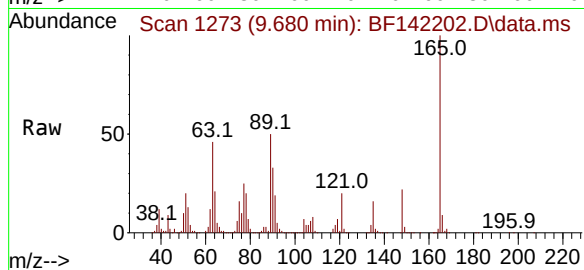
Tgt Ion:165 Resp: 398717

Ion Ratio Lower Upper

165 100

63 46.1 35.4 53.2

89 49.9 38.6 58.0



#52

Acenaphthene

Concen: 21.757 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

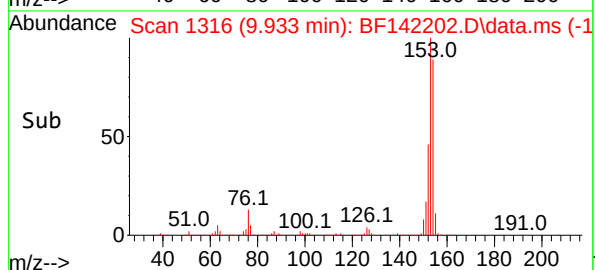
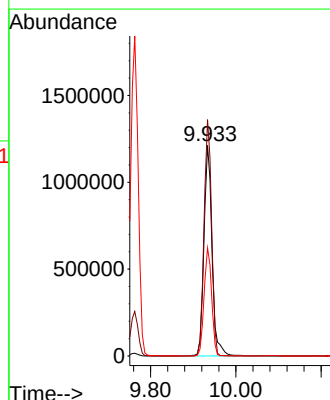
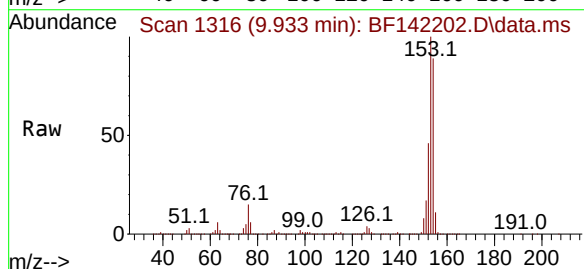
Tgt Ion:154 Resp: 1593221

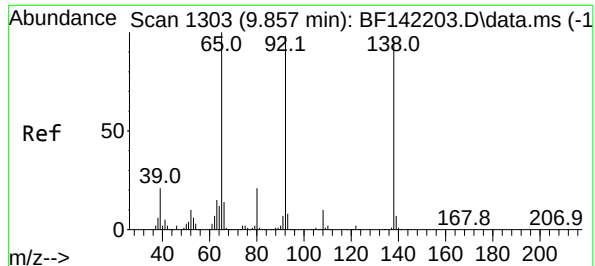
Ion Ratio Lower Upper

154 100

153 112.3 89.0 133.4

152 51.3 41.8 62.8

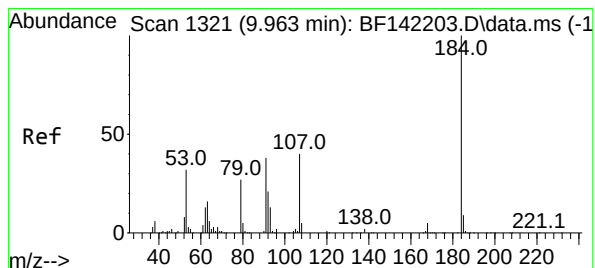
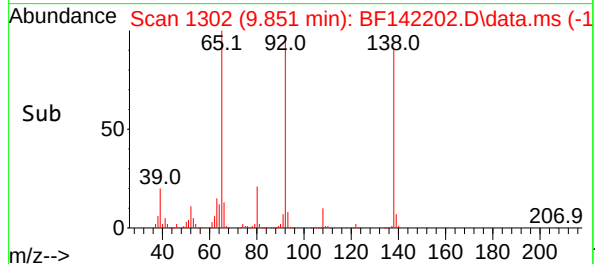
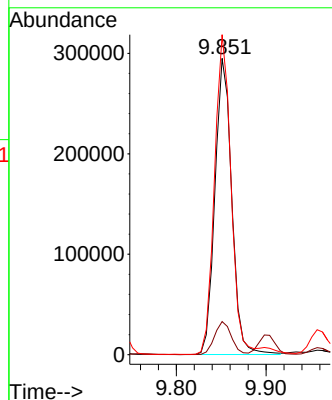
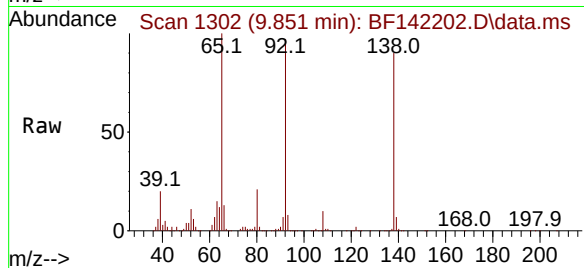




#53
3-Nitroaniline
Concen: 21.556 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

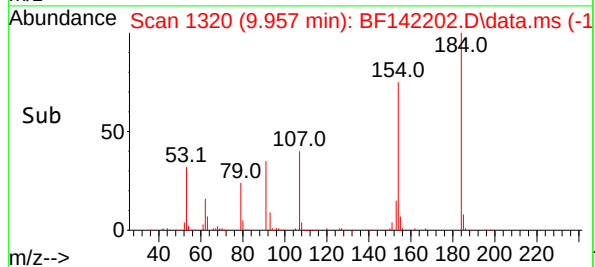
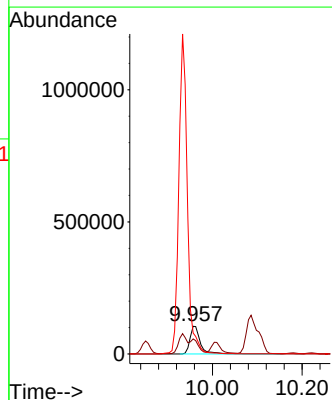
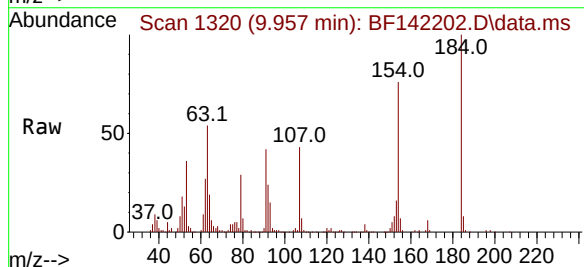
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

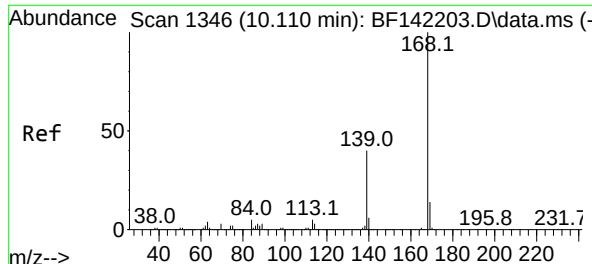
Tgt Ion:138 Resp: 384023
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 108.0 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 18.556 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:184 Resp: 168982
Ion Ratio Lower Upper
184 100
63 54.3 39.0 58.4
154 75.9 52.2 78.4





#55

Dibenzenofuran

Concen: 22.497 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

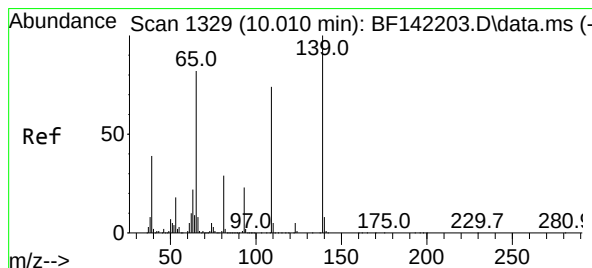
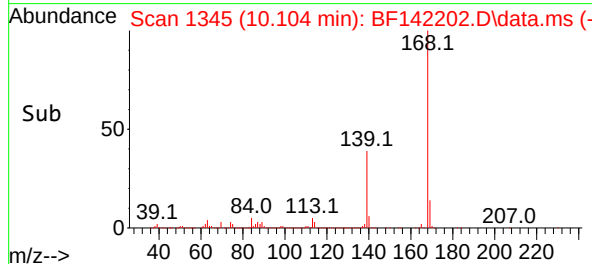
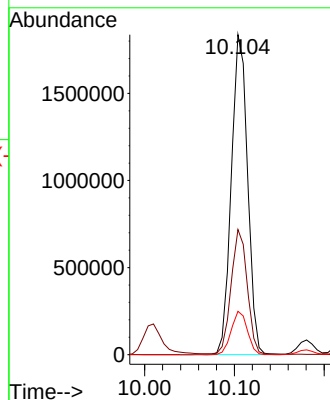
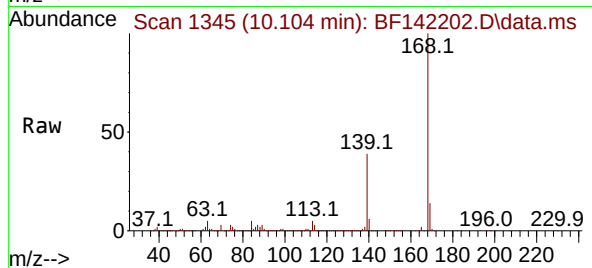
Tgt Ion:168 Resp: 2309529

Ion Ratio Lower Upper

168 100

139 39.1 32.3 48.5

169 13.6 11.4 17.0



#56

4-Nitrophenol

Concen: 20.421 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

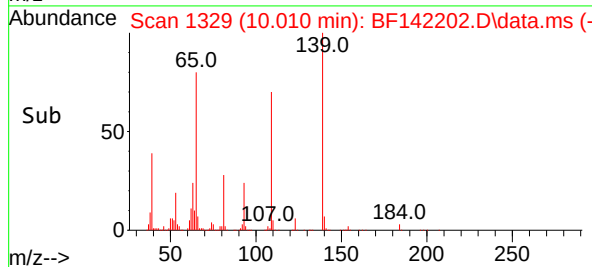
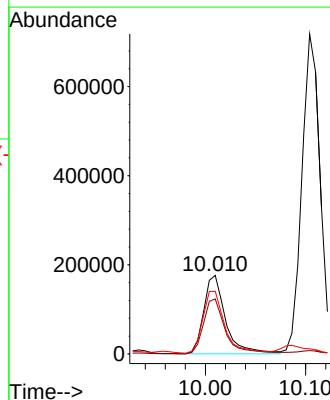
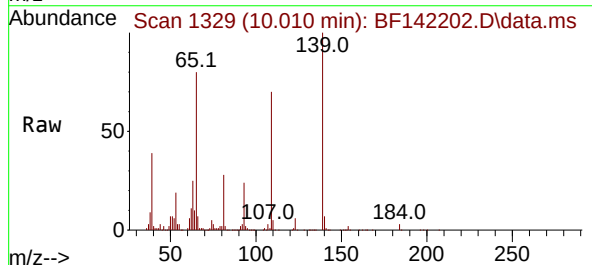
Tgt Ion:139 Resp: 266124

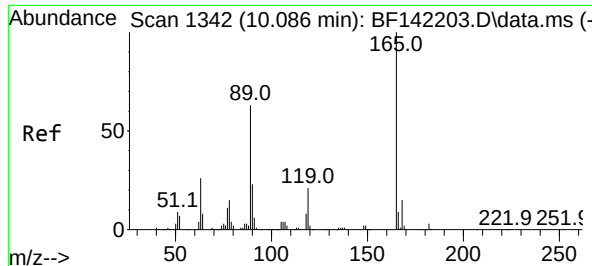
Ion Ratio Lower Upper

139 100

109 70.0 54.1 94.1

65 79.9 62.1 102.1

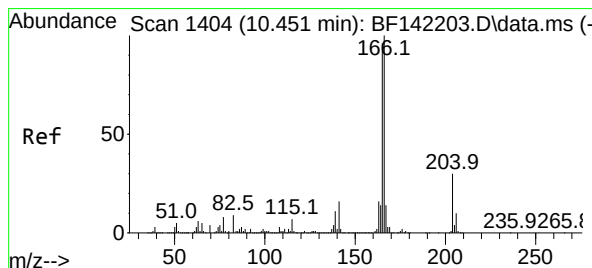
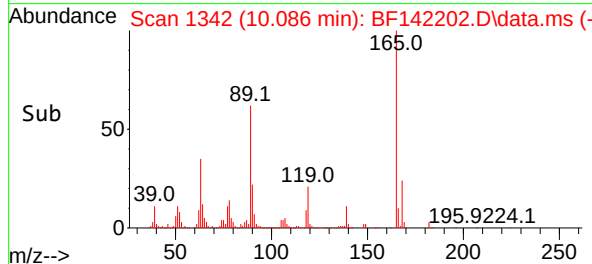
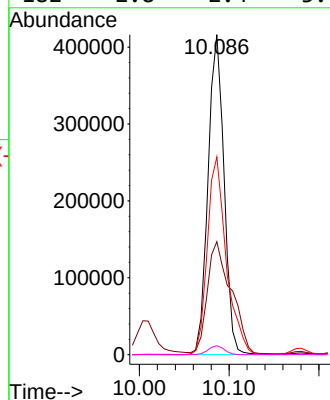
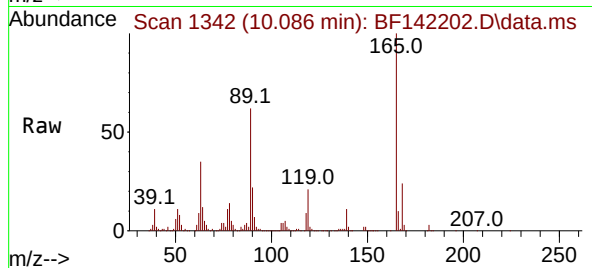




#57
2,4-Dinitrotoluene
Concen: 21.398 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

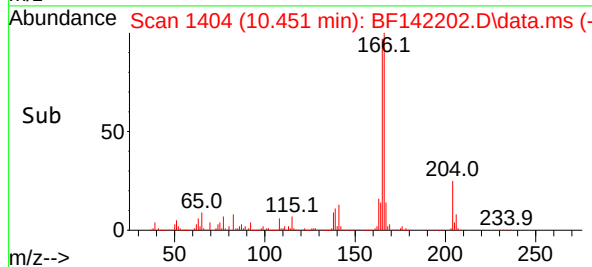
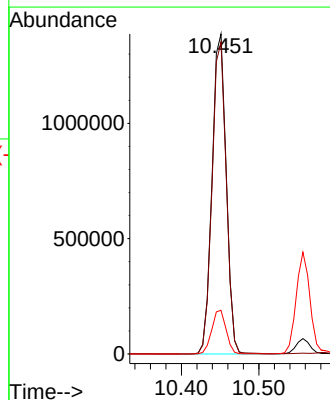
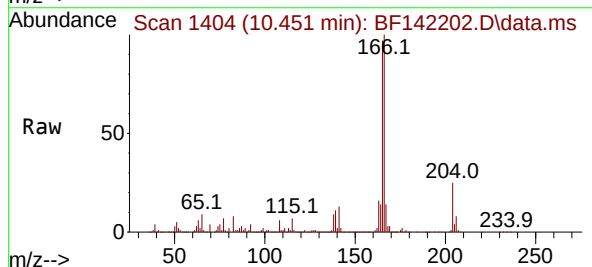
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

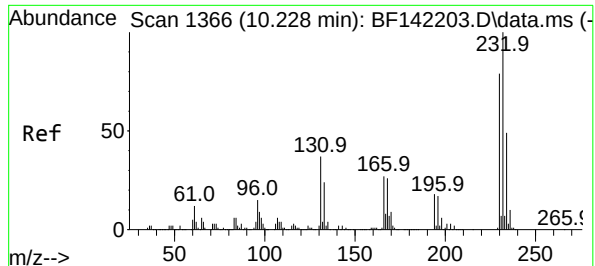
Tgt Ion:165 Resp: 513857
Ion Ratio Lower Upper
165 100
63 35.3 29.0 43.6
89 61.8 50.1 75.1
182 2.8 2.4 3.6



#58
Fluorene
Concen: 22.161 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:166 Resp: 1759870
Ion Ratio Lower Upper
166 100
165 97.5 77.1 115.7
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.650 ng

RT: 10.222 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 488257

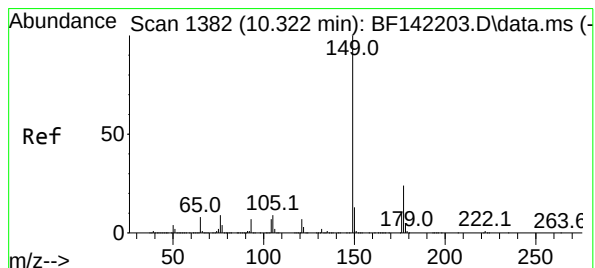
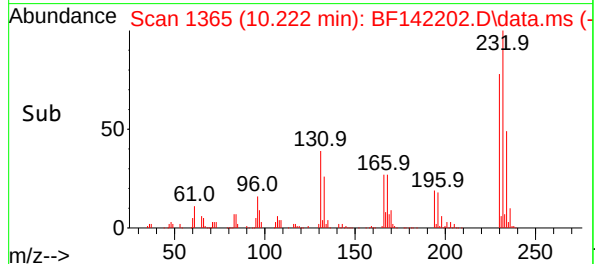
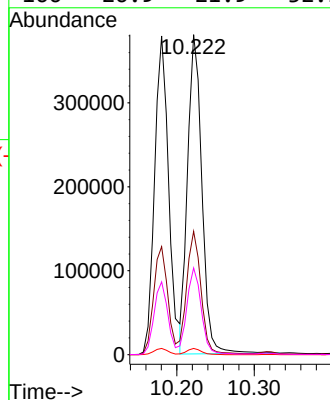
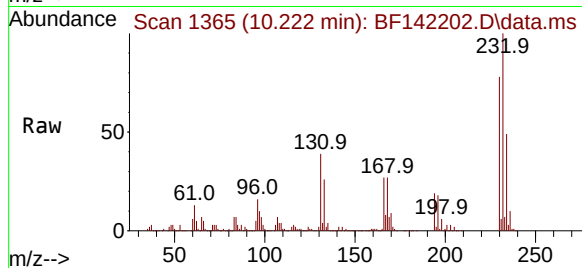
Ion Ratio Lower Upper

232 100

131 39.2 31.9 47.9

130 2.0 1.6 2.4

166 26.9 21.9 32.9



#60

Diethylphthalate

Concen: 22.159 ng

RT: 10.316 min Scan# 1381

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

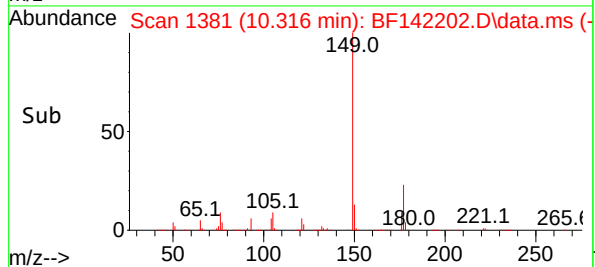
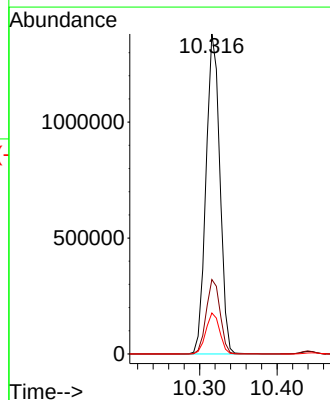
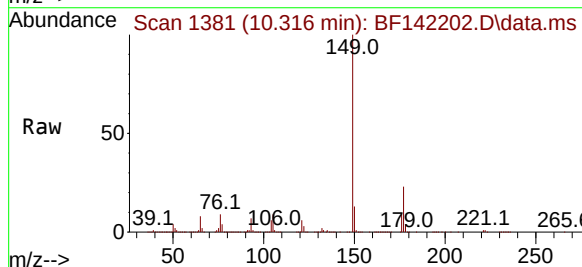
Tgt Ion:149 Resp: 1713553

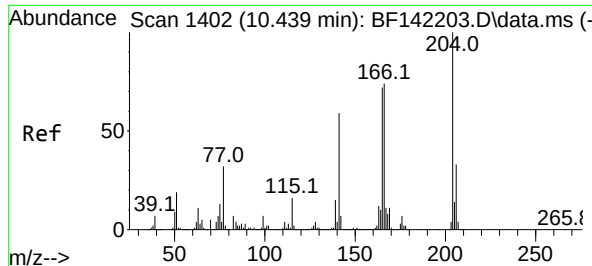
Ion Ratio Lower Upper

149 100

177 23.2 19.6 29.4

150 12.8 10.6 15.8

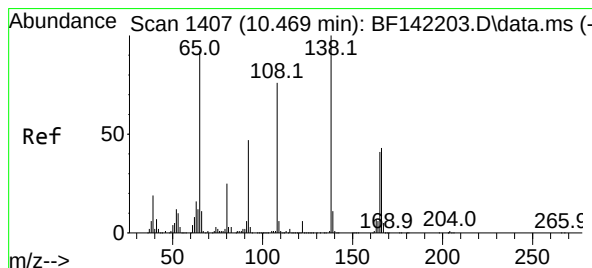
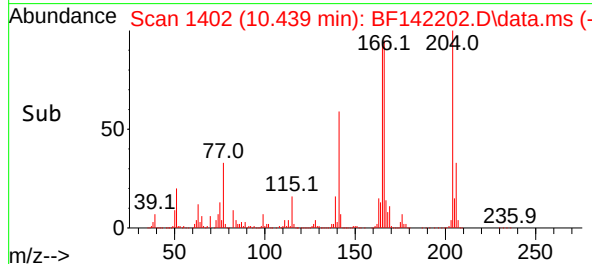
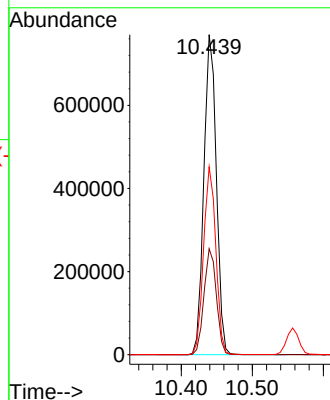
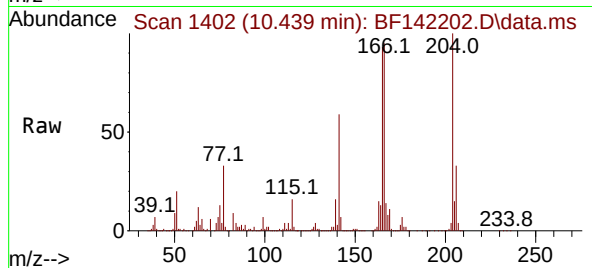




#61
4-Chlorophenyl-phenylether
Concen: 21.586 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

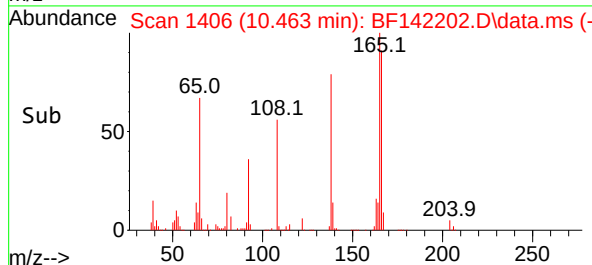
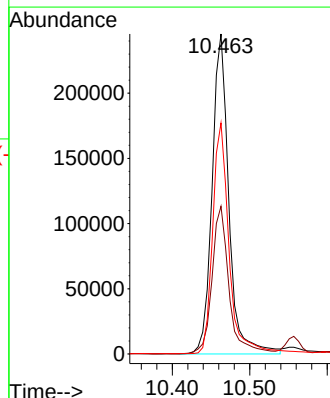
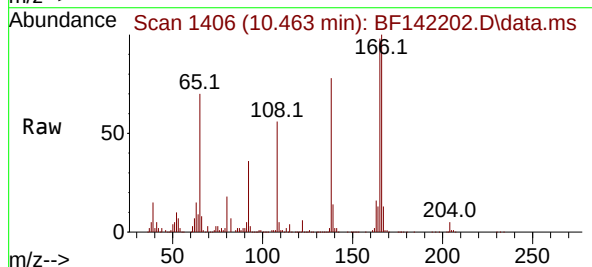
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

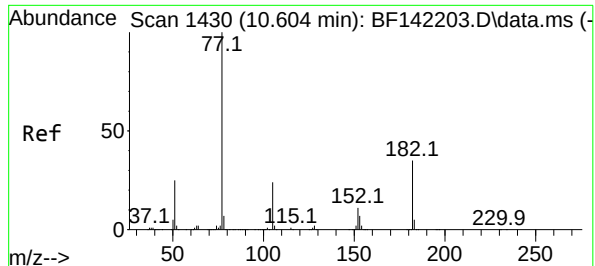
Tgt Ion:204 Resp: 943863
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 58.7 47.0 70.6



#62
4-Nitroaniline
Concen: 21.787 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:138 Resp: 368930
Ion Ratio Lower Upper
138 100
92 46.1 26.7 66.7
108 72.2 56.5 96.5

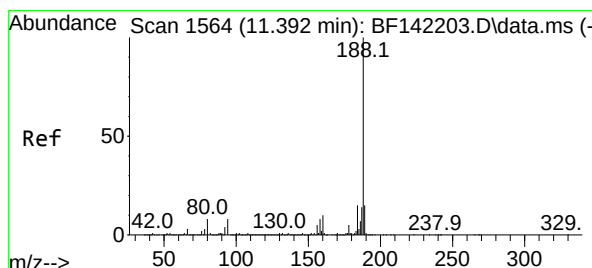
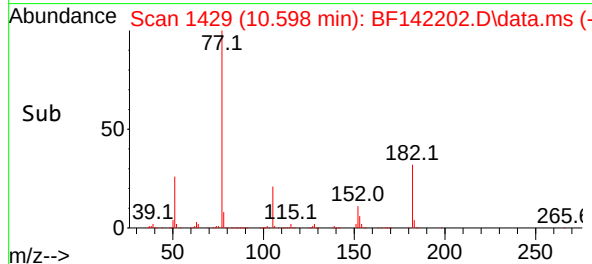
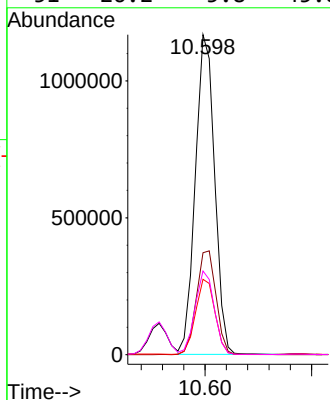
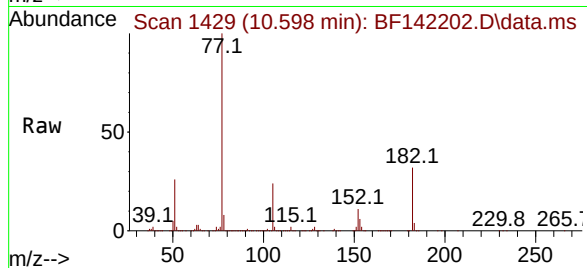




#63
Azobenzene
Concen: 21.855 ng
RT: 10.598 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

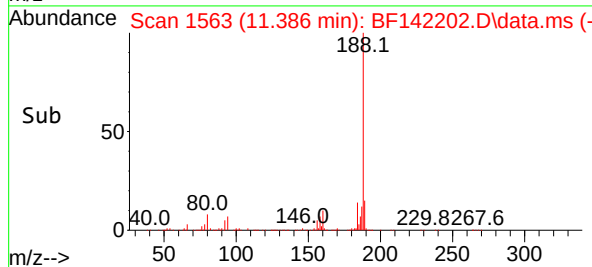
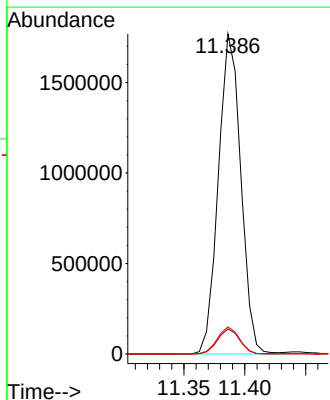
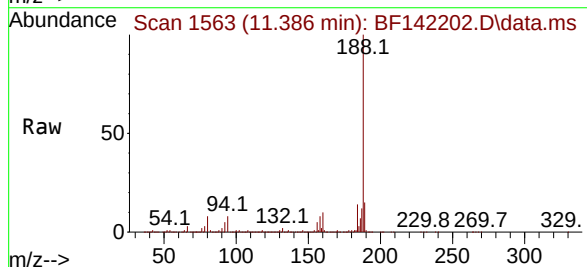
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

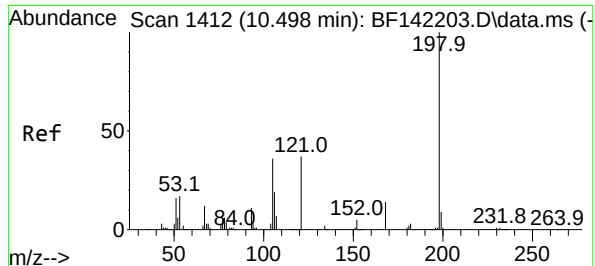
Tgt Ion: 77 Resp: 1471635
Ion Ratio Lower Upper
77 100
182 31.8 14.8 54.8
105 23.6 4.0 44.0
51 26.2 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 188 Resp: 2269904
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 8.4 6.7 10.1

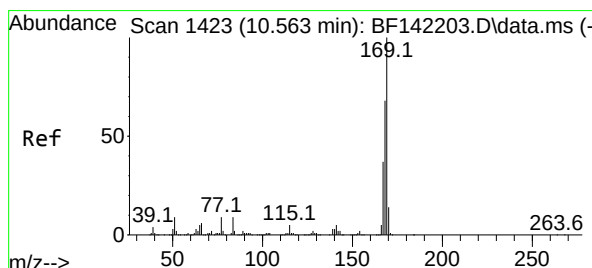
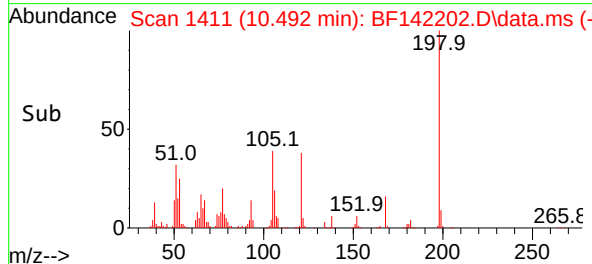
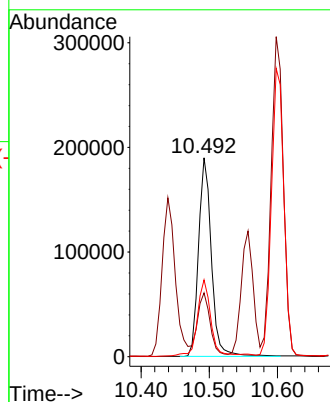
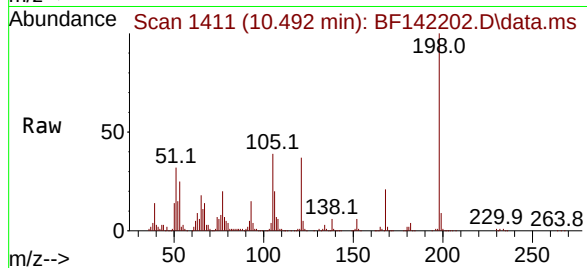




#65
4,6-Dinitro-2-methylphenol
Concen: 18.786 ng
RT: 10.492 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

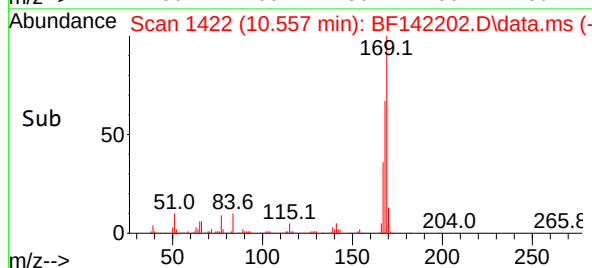
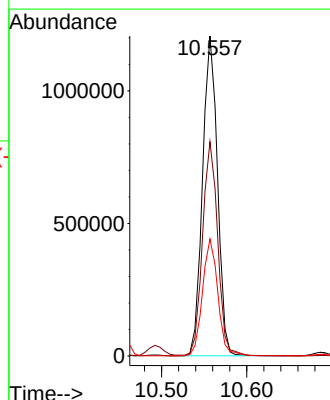
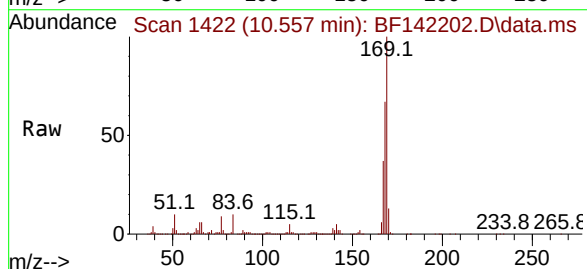
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

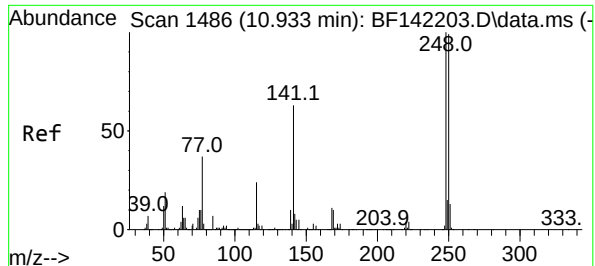
Tgt Ion:198 Resp: 248916
Ion Ratio Lower Upper
198 100
51 32.1 10.2 50.2
105 38.6 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 21.135 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:169 Resp: 1470323
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.5 29.4 44.2

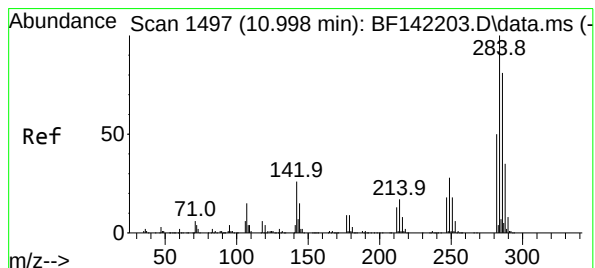
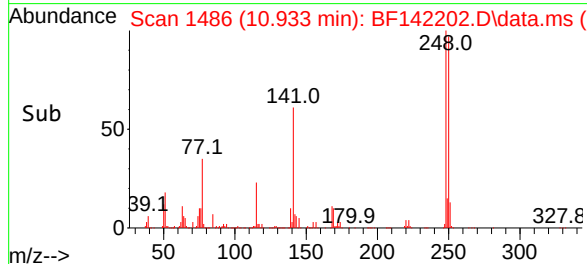
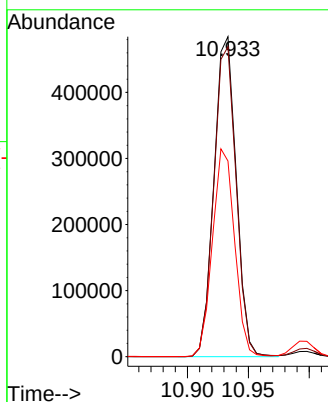
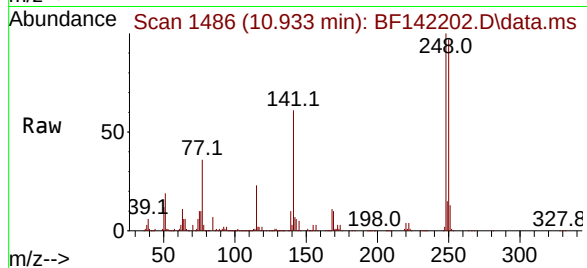




#67
4-Bromophenyl-phenylether
Concen: 20.711 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

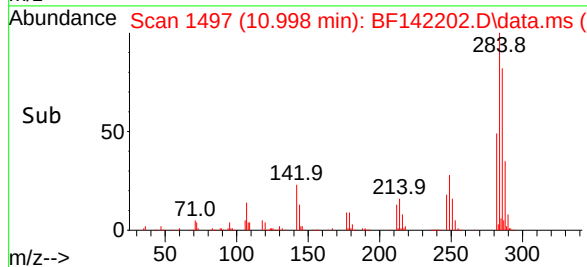
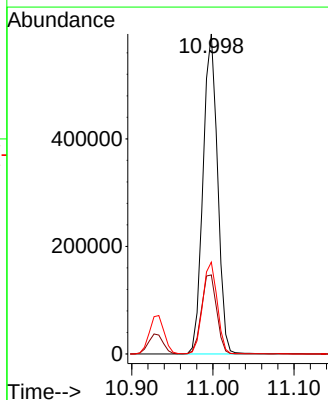
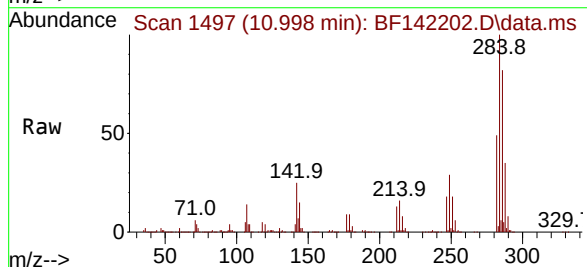
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

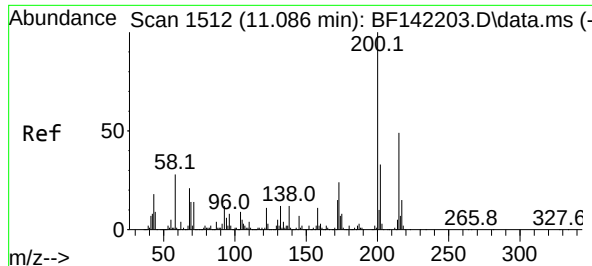
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.8	118.2
141	61.2	50.6	75.8



#68
Hexachlorobenzene
Concen: 20.828 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	20.7	31.1
249	28.7	22.8	34.2

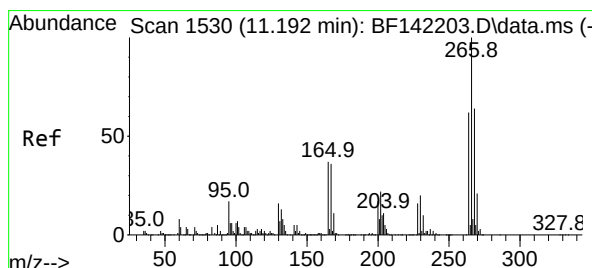
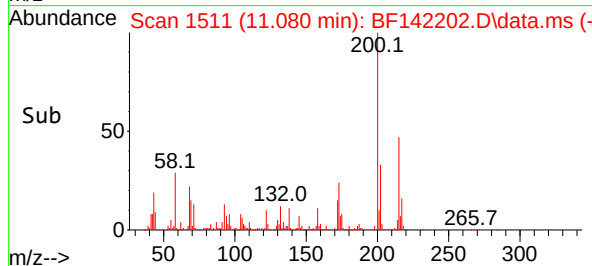
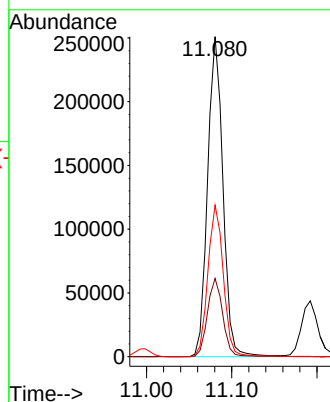
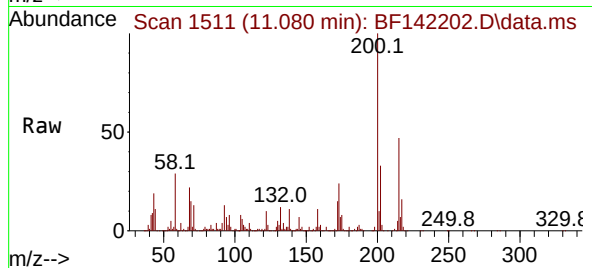




#69
Atrazine
Concen: 18.464 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

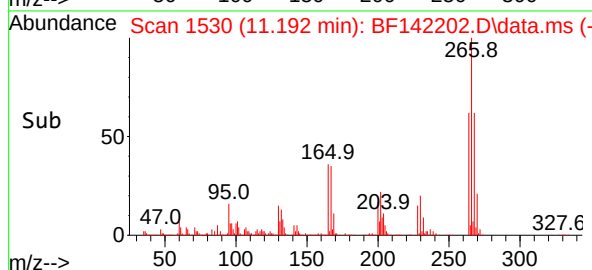
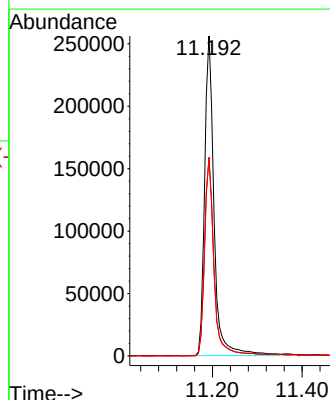
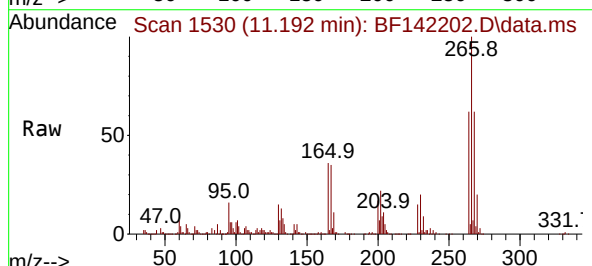
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

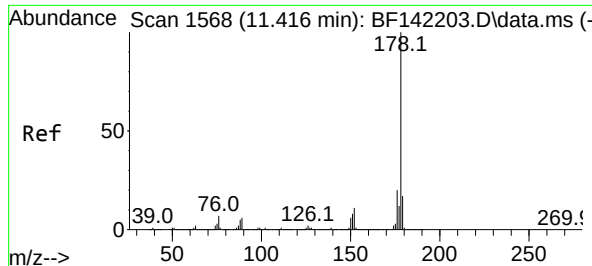
Tgt Ion:200 Resp: 313464
Ion Ratio Lower Upper
200 100
173 24.5 4.4 44.4
215 47.4 28.6 68.6



#70
Pentachlorophenol
Concen: 20.703 ng
RT: 11.192 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:266 Resp: 375192
Ion Ratio Lower Upper
266 100
268 62.0 50.9 76.3
264 62.0 49.4 74.2

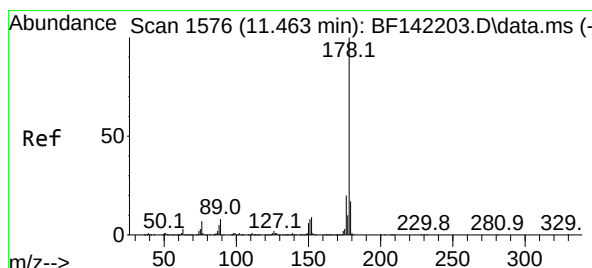
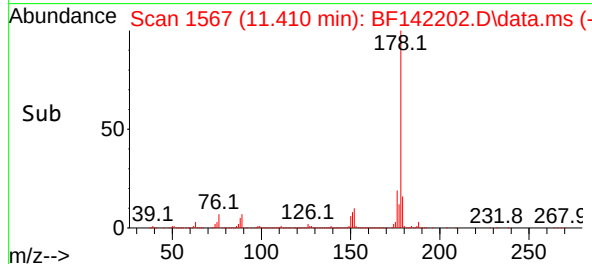
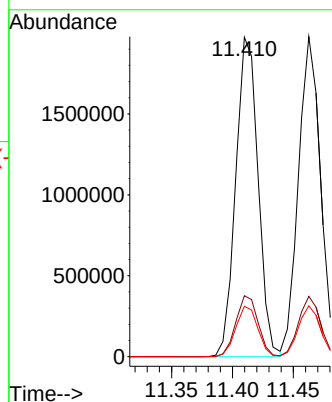
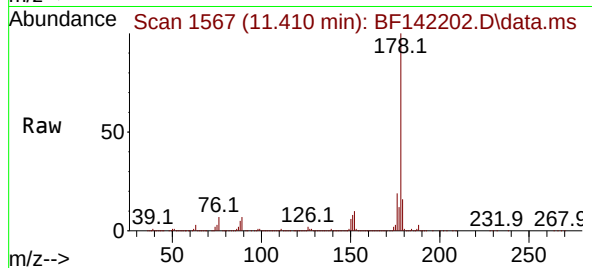




#71
Phenanthrene
Concen: 22.347 ng
RT: 11.410 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

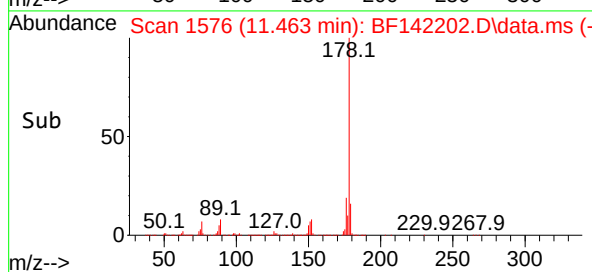
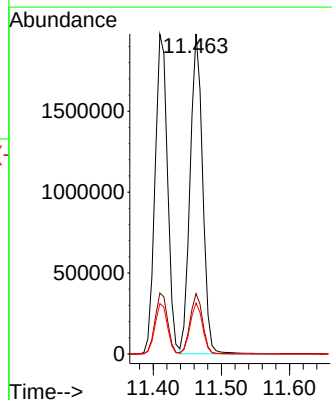
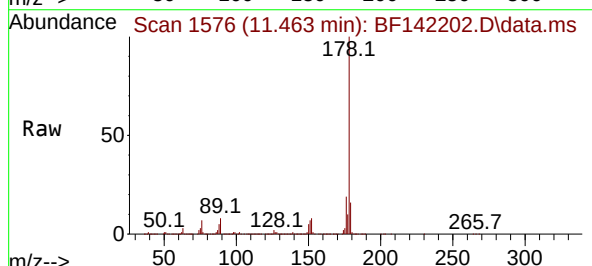
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

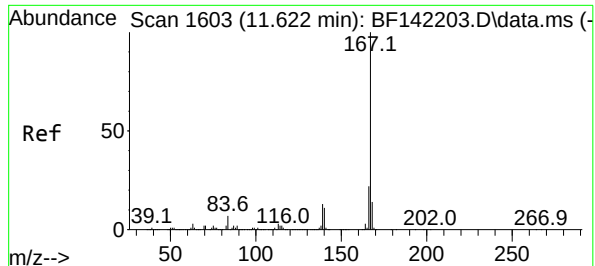
Tgt Ion:178 Resp: 2519024
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.8 13.3 19.9



#72
Anthracene
Concen: 22.233 ng
RT: 11.463 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:178 Resp: 2505882
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.9 13.4 20.0

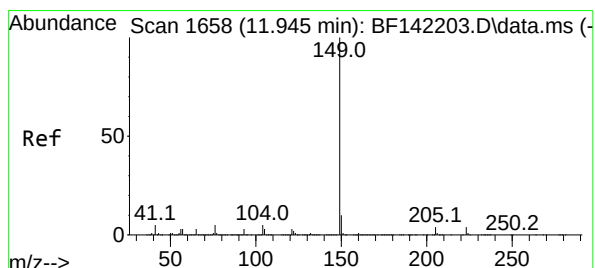
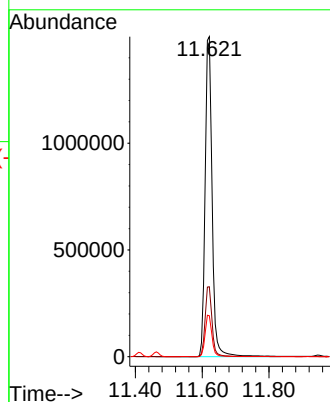
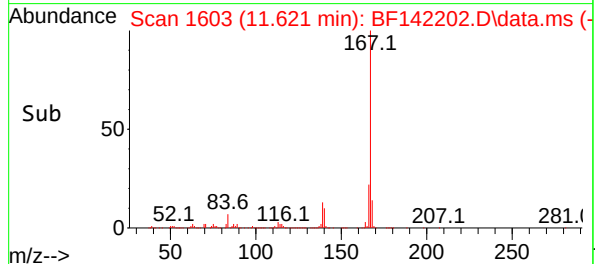
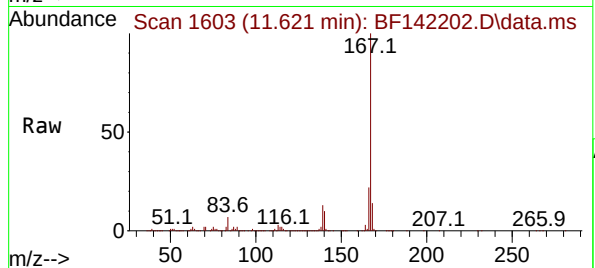




#73
Carbazole
Concen: 22.130 ng
RT: 11.621 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

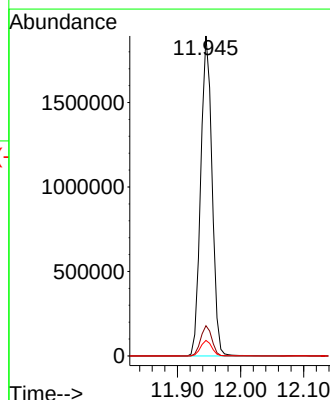
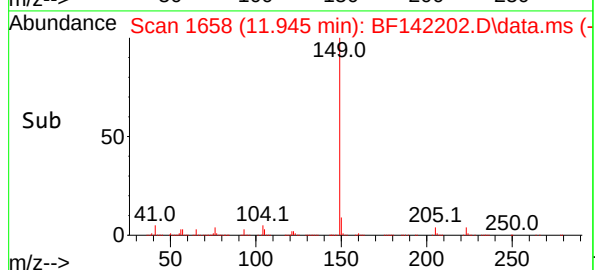
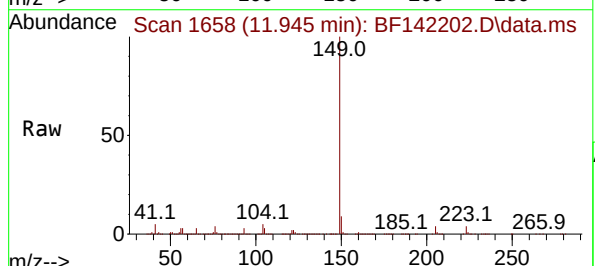
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

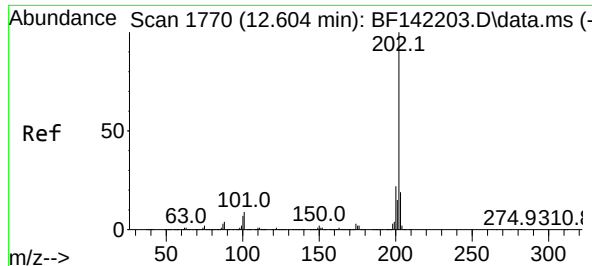
Tgt Ion:167 Resp: 2179062
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 12.8 10.7 16.1



#74
Di-n-butylphthalate
Concen: 23.119 ng
RT: 11.945 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:149 Resp: 2356179
Ion Ratio Lower Upper
149 100
150 9.5 7.9 11.9
104 4.9 4.0 6.0

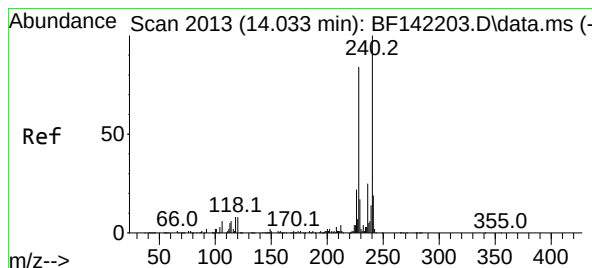
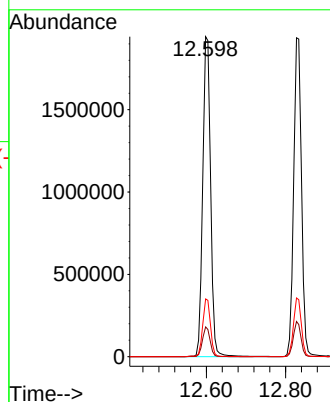
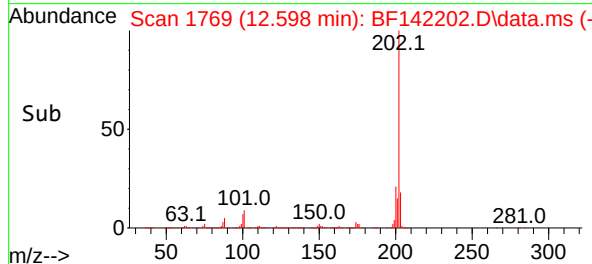
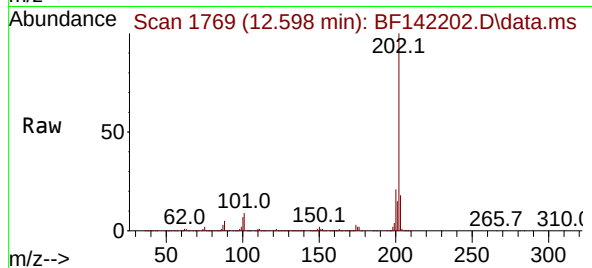




#75
Fluoranthene
Concen: 22.854 ng
RT: 12.598 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

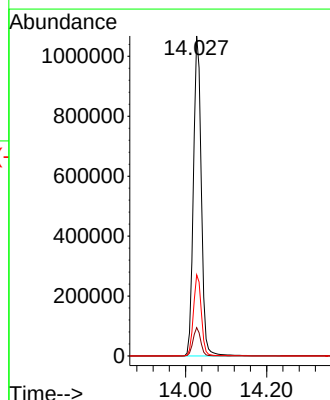
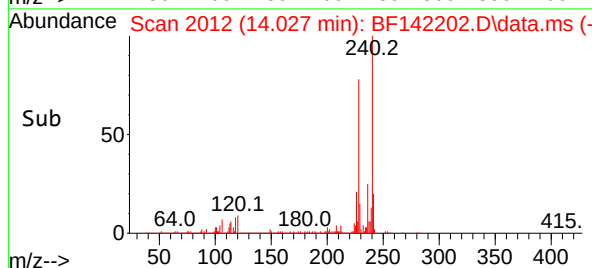
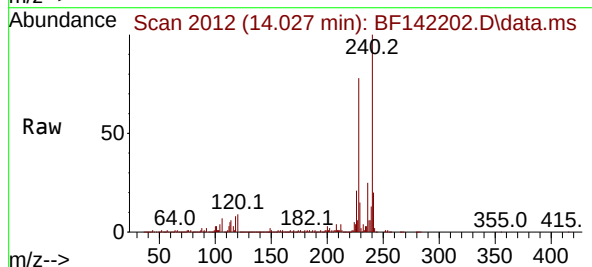
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

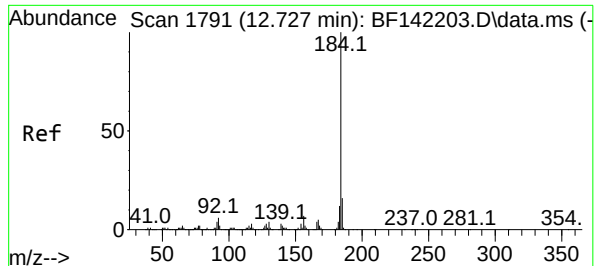
Tgt Ion:202 Resp: 2677855
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 18.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:240 Resp: 1440272
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 25.4 20.2 30.2

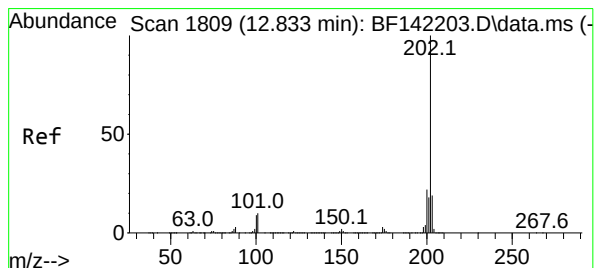
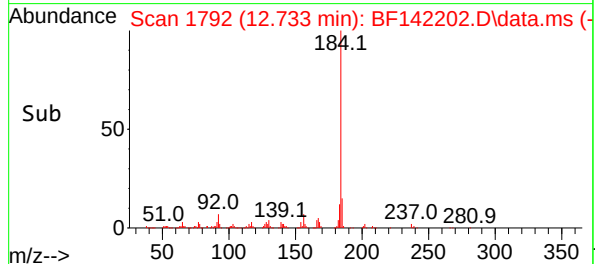
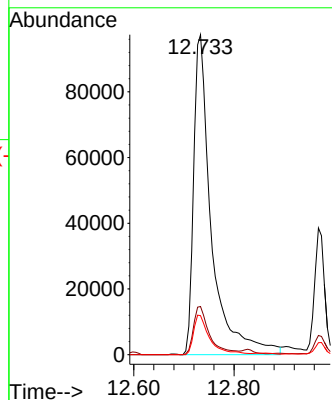
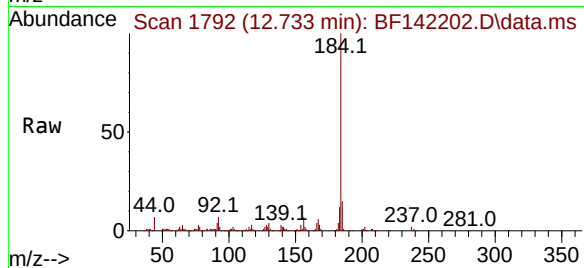




#77
Benzidine
Concen: 12.901 ng
RT: 12.733 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

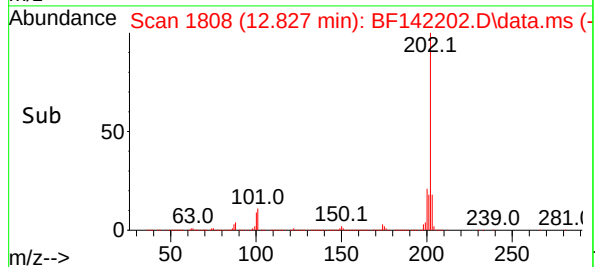
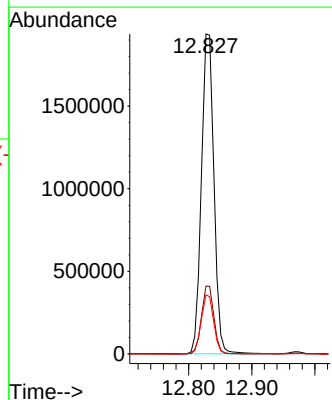
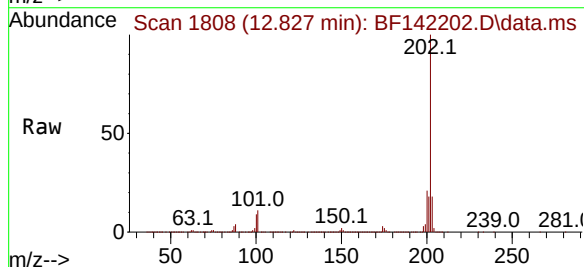
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

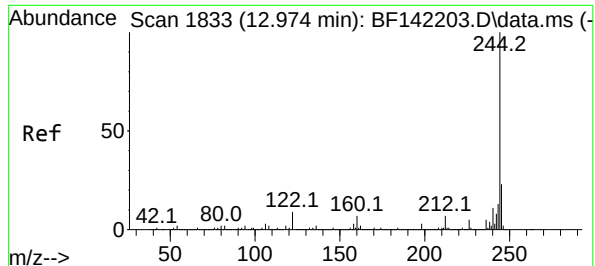
Tgt Ion:184 Resp: 239779
Ion Ratio Lower Upper
184 100
185 15.0 13.0 19.6
183 12.2 9.6 14.4



#78
Pyrene
Concen: 23.276 ng
RT: 12.827 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:202 Resp: 2662541
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 18.4 14.8 22.2





#79

Terphenyl-d14

Concen: 46.290 ng

RT: 12.968 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF142202.D

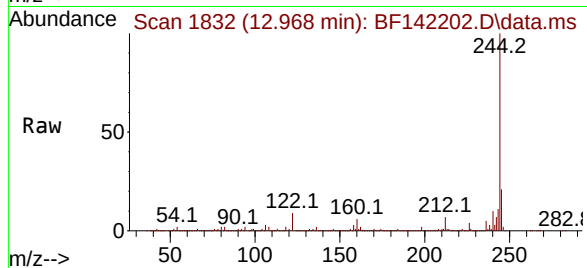
Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



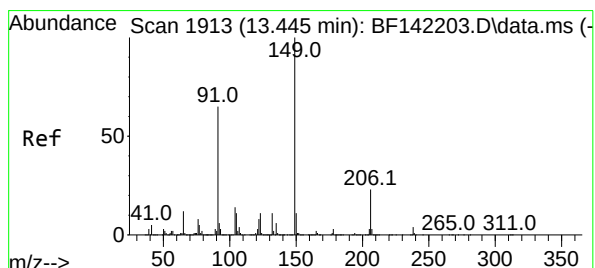
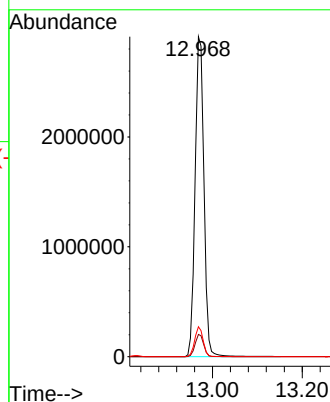
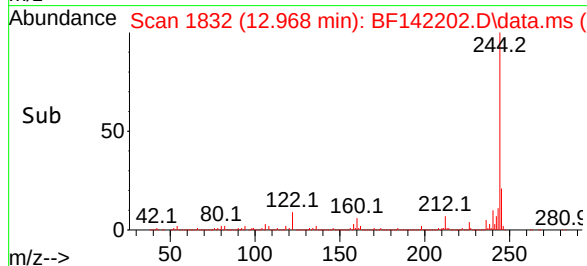
Tgt Ion:244 Resp: 3979602

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.3 7.3 10.9



#80

Butylbenzylphthalate

Concen: 20.954 ng

RT: 13.445 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

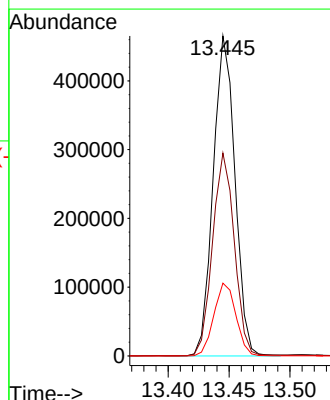
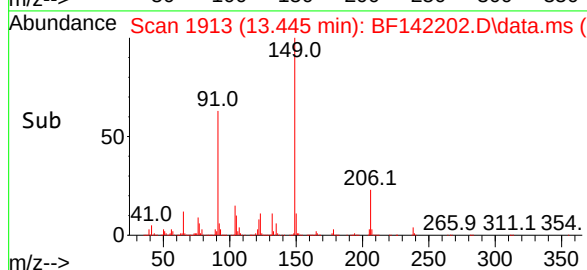
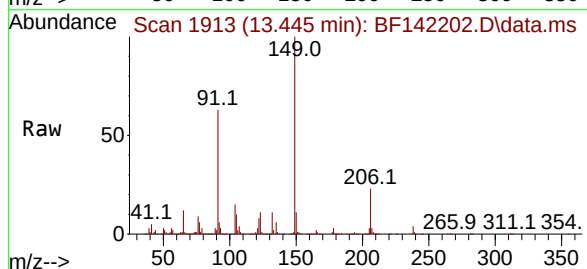
Tgt Ion:149 Resp: 580168

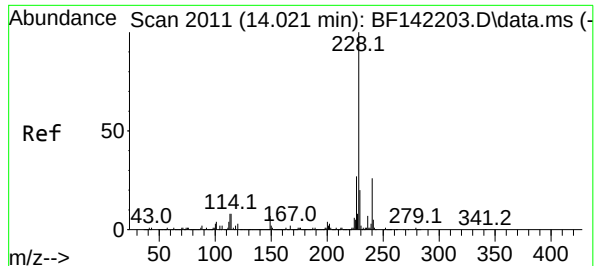
Ion Ratio Lower Upper

149 100

91 63.4 51.8 77.8

206 22.8 18.2 27.4

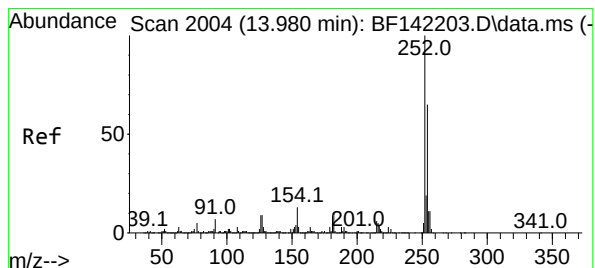
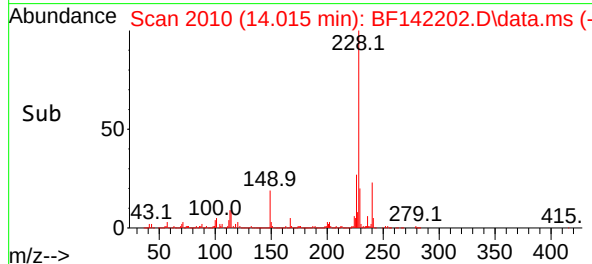
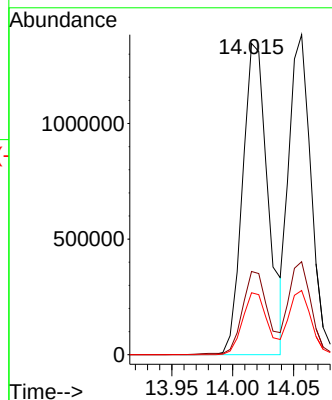
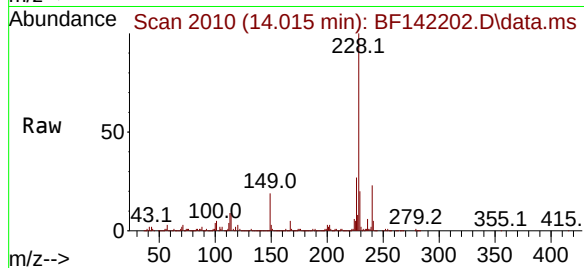




#81
Benzo(a)anthracene
Concen: 22.407 ng
RT: 14.015 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

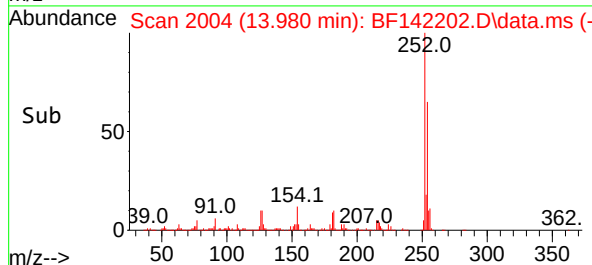
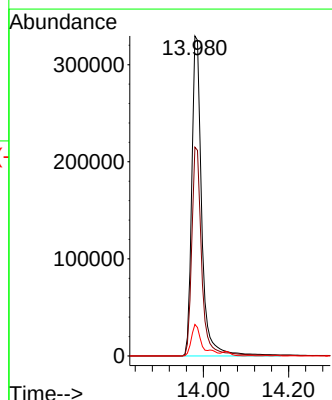
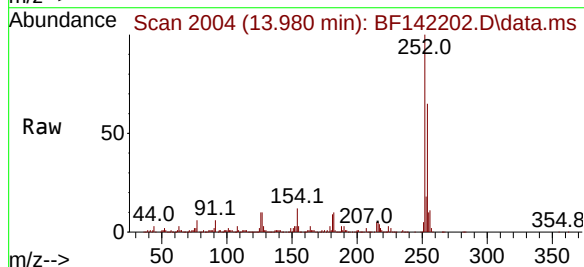
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

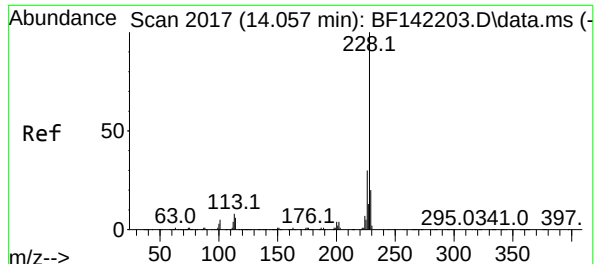
Tgt Ion:228 Resp: 1954657
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 20.628 ng
RT: 13.980 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:252 Resp: 535850
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 9.9 7.4 11.0

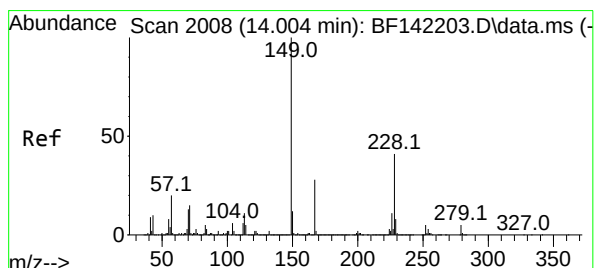
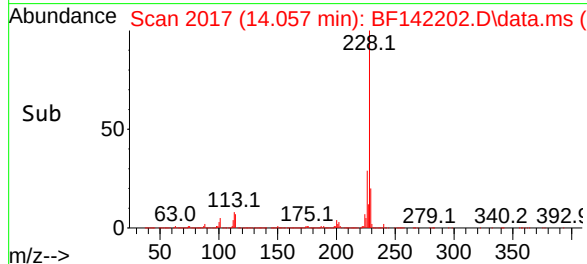
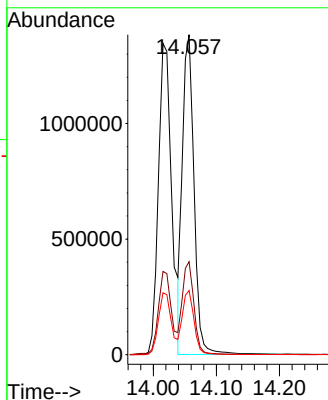
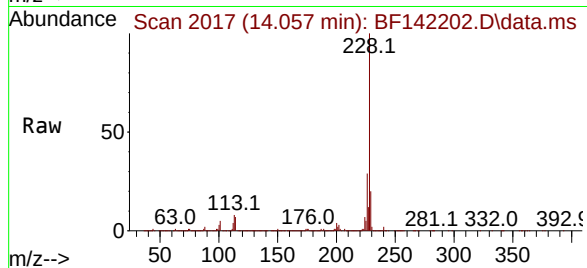




#83
Chrysene
Concen: 21.063 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

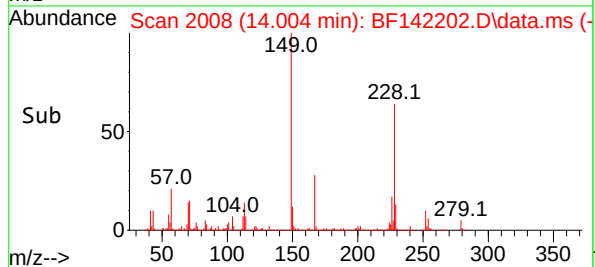
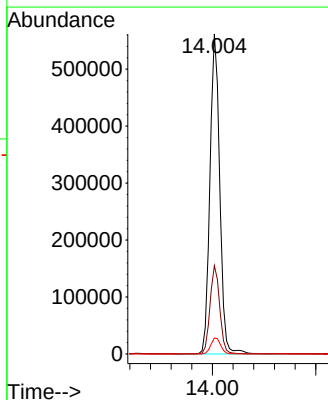
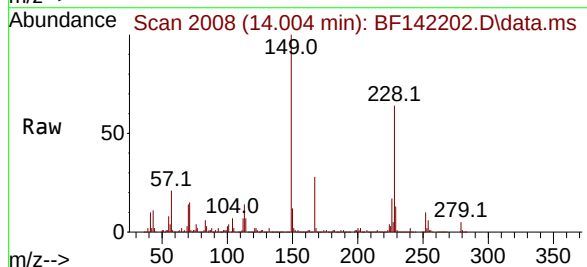
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

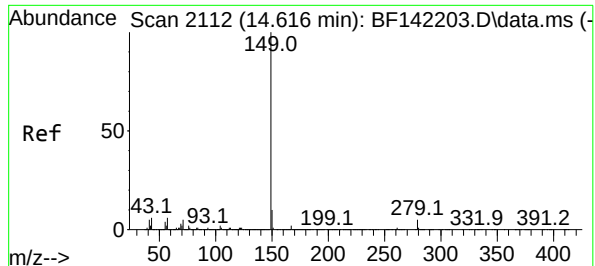
Tgt Ion:228 Resp: 1770305
Ion Ratio Lower Upper
228 100
226 29.1 23.9 35.9
229 20.1 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.940 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:149 Resp: 738594
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 5.0 4.2 6.2

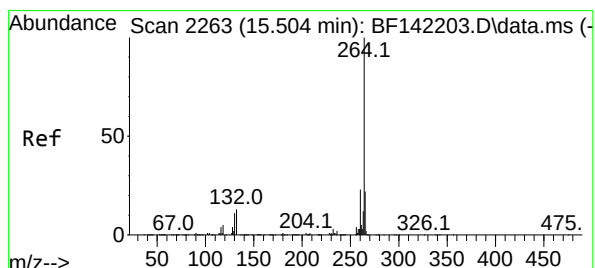
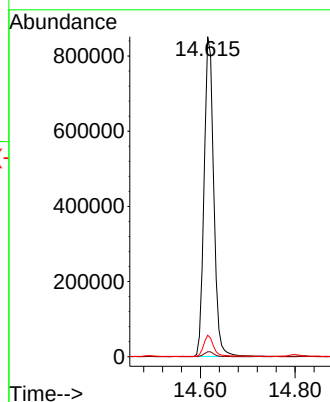
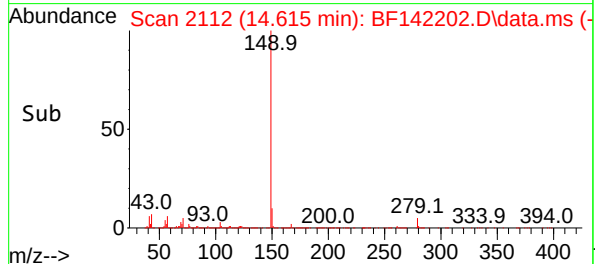
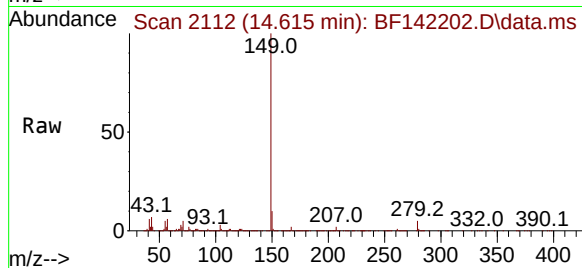




#85
Di-n-octyl phthalate
Concen: 18.240 ng
RT: 14.615 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

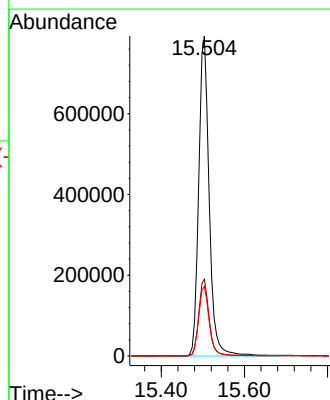
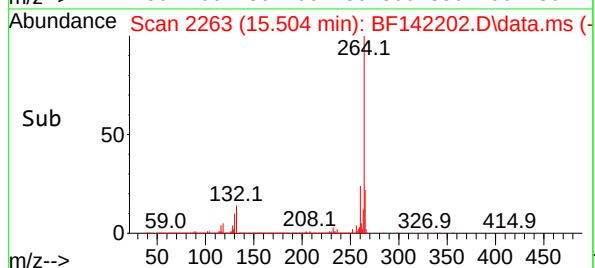
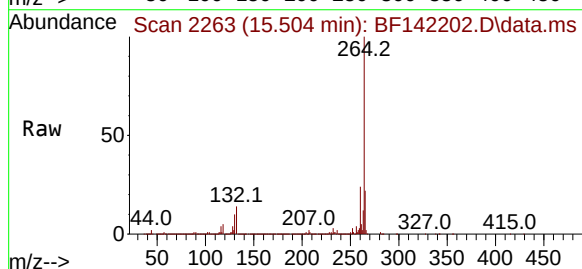
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

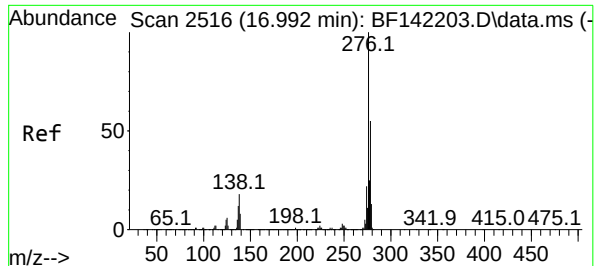
Tgt Ion:149 Resp: 1196625
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.9 5.3 7.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:264 Resp: 1386355
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.8 16.9 25.3

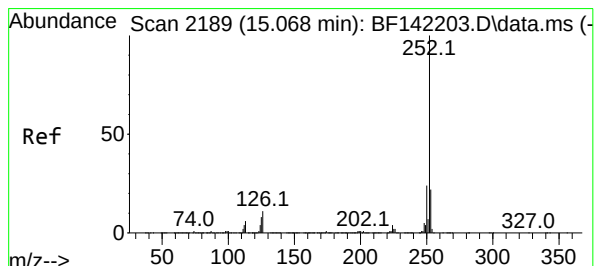
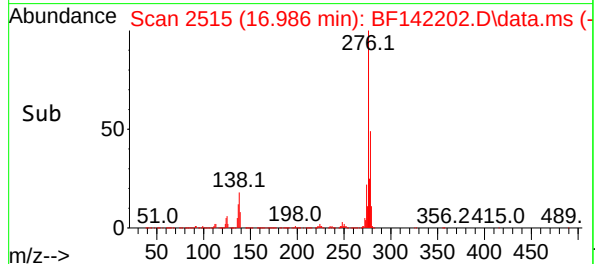
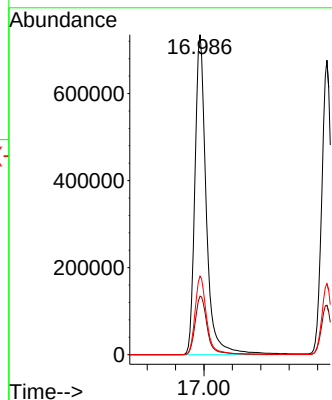
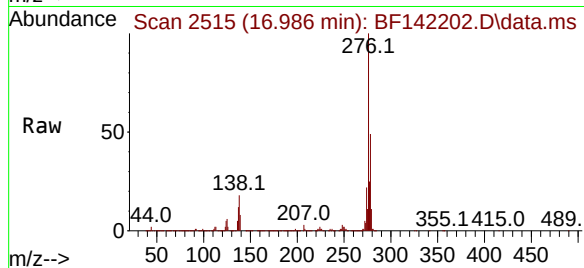




#87
Indeno(1,2,3-cd)pyrene
Concen: 21.023 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

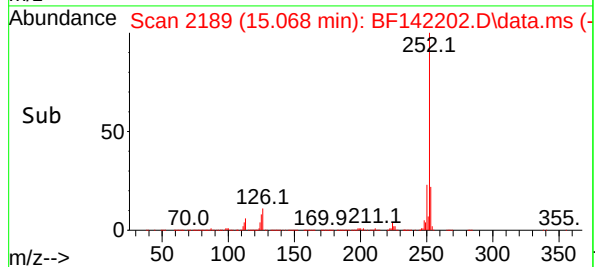
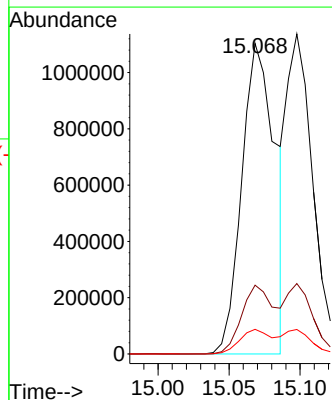
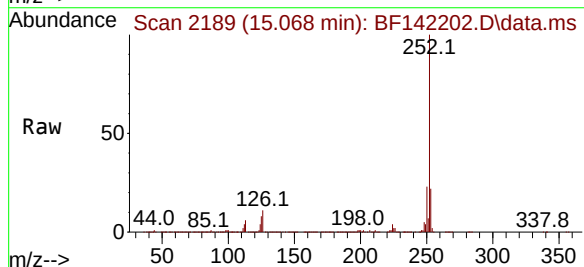
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

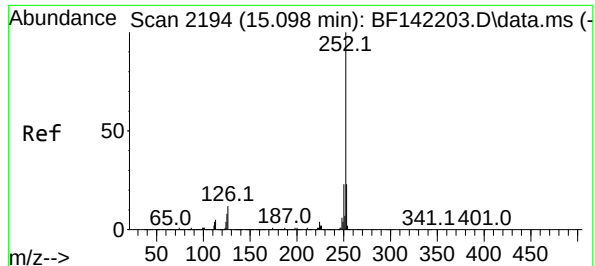
Tgt Ion:276 Resp: 2044877
Ion Ratio Lower Upper
276 100
138 19.6 15.1 22.7
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 23.217 ng
RT: 15.068 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:252 Resp: 1805792
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 20.070 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

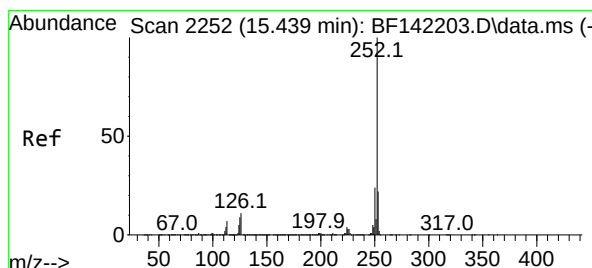
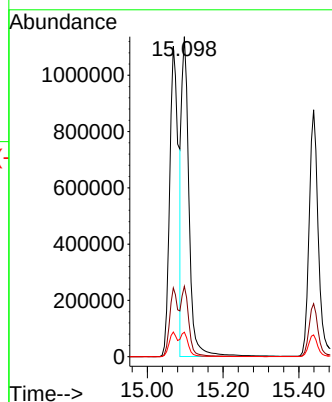
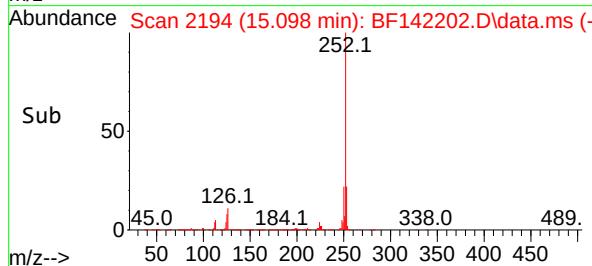
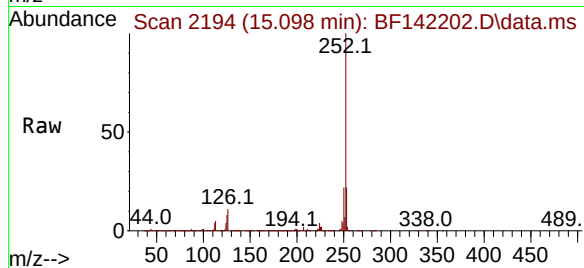
Tgt Ion:252 Resp: 1543871

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.7 6.6 10.0



#90

Benzo(a)pyrene

Concen: 21.287 ng

RT: 15.439 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

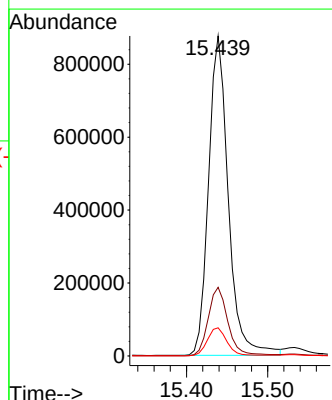
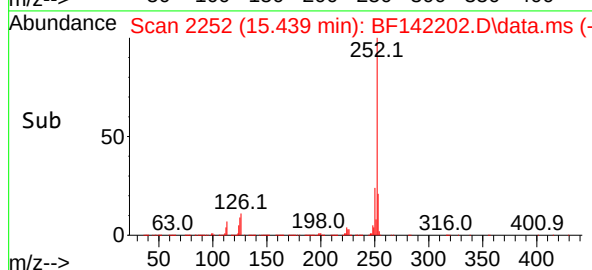
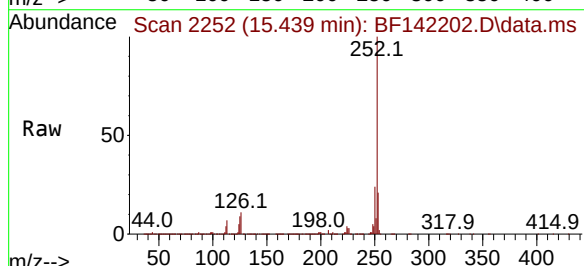
Tgt Ion:252 Resp: 1481723

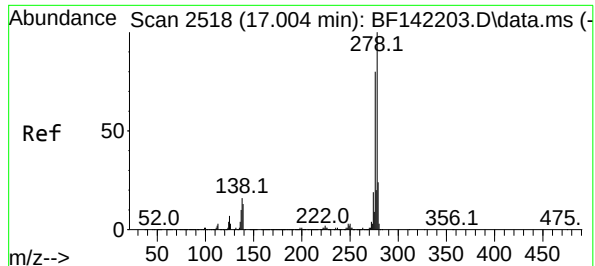
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 8.8 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 21.231 ng

RT: 17.003 min Scan# 2518

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

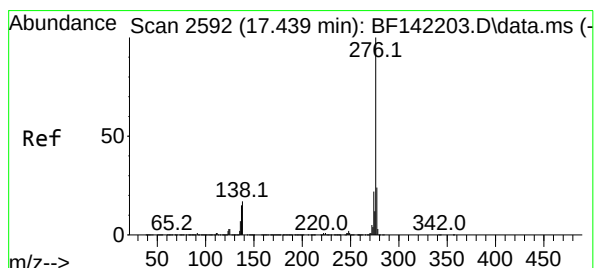
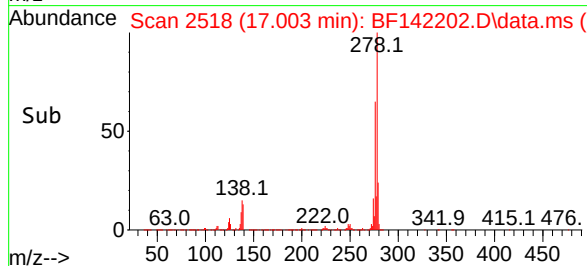
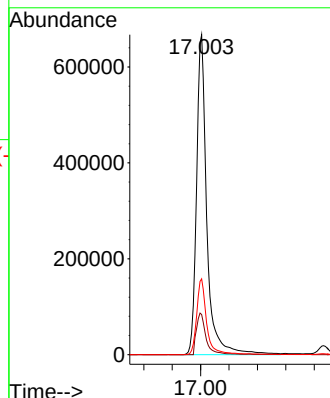
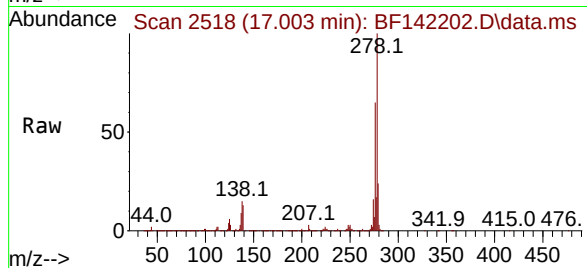
Tgt Ion:278 Resp: 1684573

Ion Ratio Lower Upper

278 100

139 12.6 10.2 15.4

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 20.790 ng

RT: 17.433 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

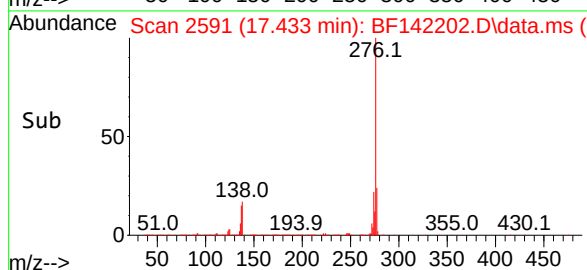
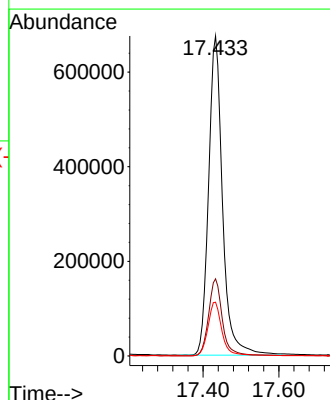
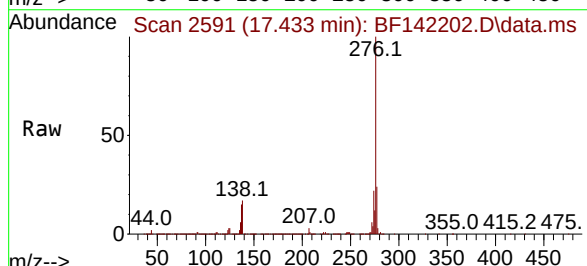
Tgt Ion:276 Resp: 1718184

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 16.8 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142203.D
 Acq On : 21 Apr 2025 13:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 22 02:02:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	635457	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2294394	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1295615	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	2221523	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1374564	20.000	ng	0.00
86) Perylene-d12	15.504	264	1455182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2663652	78.588	ng	0.00
7) Phenol-d6	6.492	99	3285846	77.410	ng	0.00
23) Nitrobenzene-d5	7.428	82	2869044	78.532	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1422526	80.303	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5705463	71.777	ng	0.00
79) Terphenyl-d14	12.974	244	6078399	74.083	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	526948	38.301	ng	98
3) Pyridine	3.387	79	1208301	40.463	ng	99
4) n-Nitrosodimethylamine	3.334	42	485318	40.026	ng	93
6) Aniline	6.528	93	1556213	39.705	ng	100
8) 2-Chlorophenol	6.651	128	1534286	39.546	ng	100
9) Benzaldehyde	6.416	77	868315	37.259	ng	99
10) Phenol	6.504	94	1758111	39.269	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	1293477	38.311	ng	98
12) 1,3-Dichlorobenzene	6.804	146	1707364	38.835	ng	100
13) 1,4-Dichlorobenzene	6.881	146	1739224	38.571	ng	99
14) 1,2-Dichlorobenzene	7.039	146	1621618	38.658	ng	99
15) Benzyl Alcohol	7.004	79	1232179	39.812	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1267874	38.742	ng	99
17) 2-Methylphenol	7.116	107	1147379	39.294	ng	99
18) Hexachloroethane	7.375	117	591303	38.601	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	905661	37.731	ng	99
20) 3+4-Methylphenols	7.269	107	1437999	39.597	ng	99
22) Acetophenone	7.275	105	1960556	38.929	ng	99
24) Nitrobenzene	7.451	77	1451066	40.092	ng	98
25) Isophorone	7.686	82	2400402	39.142	ng	99
26) 2-Nitrophenol	7.763	139	788228	41.431	ng	100
27) 2,4-Dimethylphenol	7.798	122	996931	40.301	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1581641	39.297	ng	99
29) 2,4-Dichlorophenol	8.004	162	1353064	40.217	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	1542491	39.205	ng	100
31) Naphthalene	8.169	128	4207666	38.822	ng	99
32) Benzoic acid	7.916	122	828761	37.930	ng	100
33) 4-Chloroaniline	8.222	127	1557576	39.689	ng	99
34) Hexachlorobutadiene	8.286	225	1029313	39.643	ng	99
35) Caprolactam	8.586	113	360269	40.141	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	1347101	39.776	ng	100
37) 2-Methylnaphthalene	8.857	142	2946088	39.331	ng	98
38) 1-Methylnaphthalene	8.957	142	2811742	38.769	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	1659315	39.142	ng	100
41) Hexachlorocyclopentadiene	9.010	237	585721	45.058	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	1007035	40.689	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142203.D
 Acq On : 21 Apr 2025 13:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

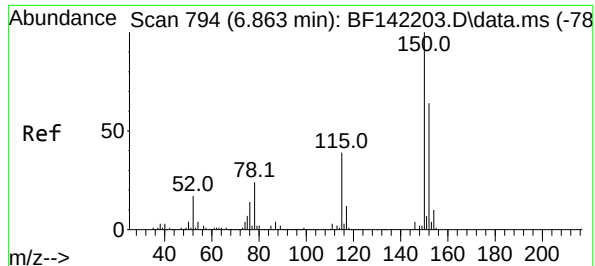
Quant Time: Apr 22 02:02:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	1062965	40.068	ng	99
46) 1,1'-Biphenyl	9.322	154	3616786	38.930	ng	99
47) 2-Chloronaphthalene	9.351	162	2802498	38.862	ng	100
48) 2-Nitroaniline	9.445	65	684114	40.471	ng	99
49) Acenaphthylene	9.763	152	3965503	38.904	ng	100
50) Dimethylphthalate	9.622	163	3239810	39.001	ng	100
51) 2,6-Dinitrotoluene	9.686	165	754757	40.469	ng	99
52) Acenaphthene	9.939	154	2848926	38.786	ng	100
53) 3-Nitroaniline	9.857	138	736247	41.200	ng	96
54) 2,4-Dinitrophenol	9.963	184	370041	40.510	ng	99
55) Dibenzofuran	10.110	168	4018334	39.022	ng	100
56) 4-Nitrophenol	10.010	139	530978	40.619	ng	99
57) 2,4-Dinitrotoluene	10.092	165	975394	40.492	ng	99
58) Fluorene	10.451	166	3076168	38.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	952752	40.171	ng	98
60) Diethylphthalate	10.322	149	3077037	39.668	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	1713906	39.076	ng	98
62) 4-Nitroaniline	10.469	138	696382	40.998	ng	99
63) Azobenzene	10.604	77	2637253	39.045	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	521613	40.225	ng	99
66) n-Nitrosodiphenylamine	10.563	169	2640166	38.777	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1152524	39.449	ng	100
68) Hexachlorobenzene	10.998	284	1349597	38.818	ng	99
69) Atrazine	11.080	200	448269	26.979	ng	98
70) Pentachlorophenol	11.192	266	752259	42.413	ng	99
71) Phenanthrene	11.416	178	4230167	38.345	ng	99
72) Anthracene	11.469	178	4294384	38.932	ng	99
73) Carbazole	11.621	167	3750464	38.919	ng	99
74) Di-n-butylphthalate	11.951	149	4038212	40.487	ng	100
75) Fluoranthene	12.604	202	4404230	38.407	ng	99
77) Benzidine	12.727	184	1059498	59.729	ng	98
78) Pyrene	12.833	202	4377433	40.097	ng	99
80) Butylbenzylphthalate	13.445	149	1105260	41.827	ng	99
81) Benzo(a)anthracene	14.021	228	3317529	39.848	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	1016522	41.002	ng	99
83) Chrysene	14.057	228	3115824	38.844	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	1482517	41.938	ng	100
85) Di-n-octyl phthalate	14.621	149	2566555	40.992	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	4089436	40.054	ng	98
88) Benzo(b)fluoranthene	15.074	252	3301583	40.441	ng	100
89) Benzo(k)fluoranthene	15.098	252	3071257	38.037	ng	100
90) Benzo(a)pyrene	15.439	252	2881593	39.440	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	3387132	40.669	ng	98
92) Benzo(g,h,i)perylene	17.439	276	3502048	40.371	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

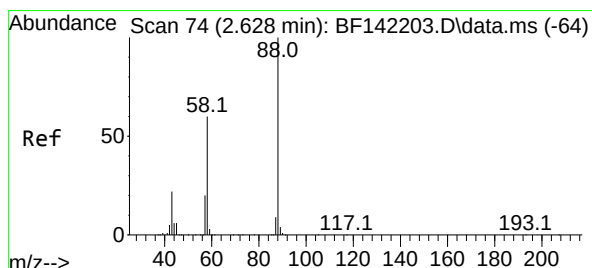
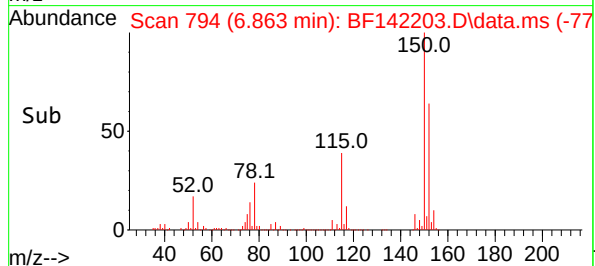
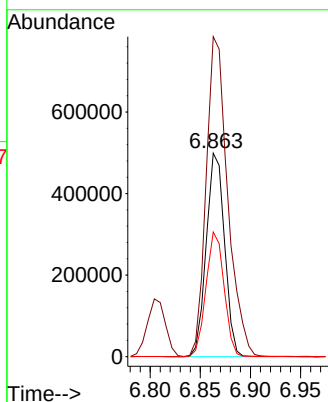
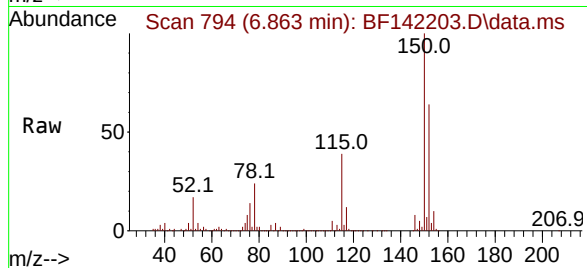
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

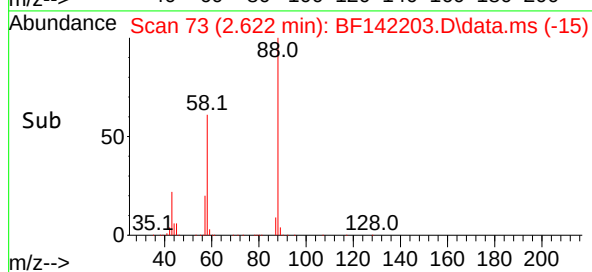
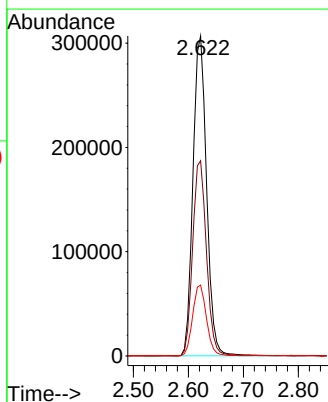
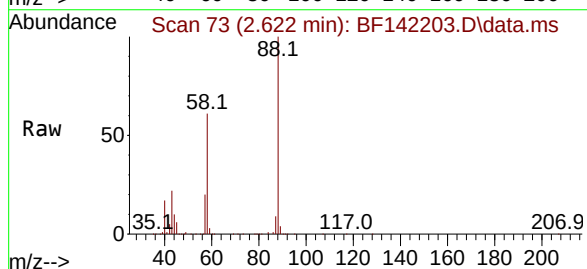
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

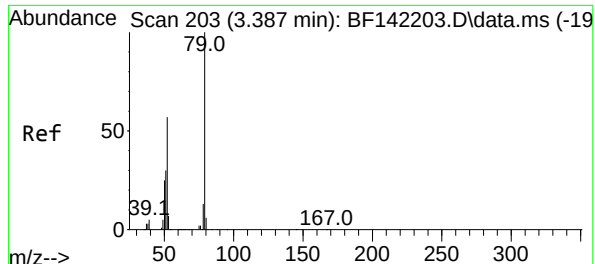
Tgt Ion:152 Resp: 635457
Ion Ratio Lower Upper
152 100
150 157.3 126.4 189.6
115 61.2 49.4 74.2



#2
1,4-Dioxane
Concen: 38.301 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 88 Resp: 526948
Ion Ratio Lower Upper
88 100
58 62.0 47.8 71.6
43 22.3 17.8 26.8

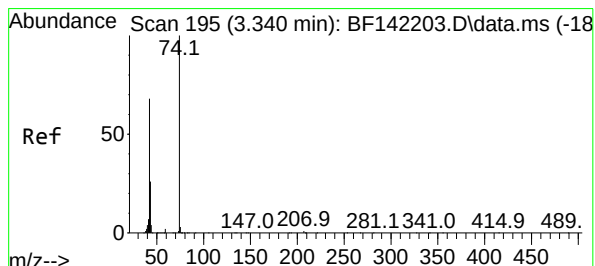
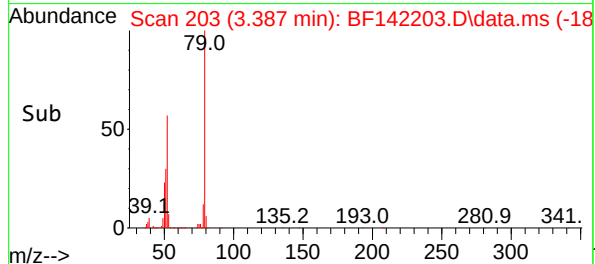
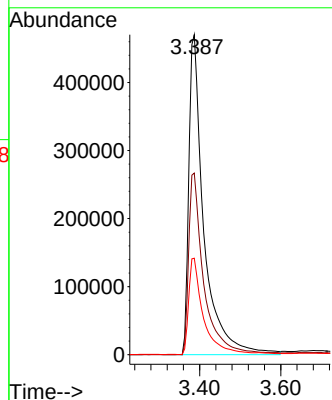
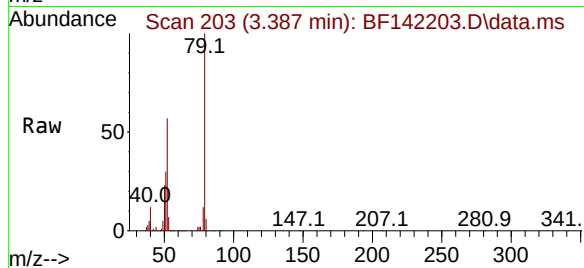




#3
Pyridine
Concen: 40.463 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

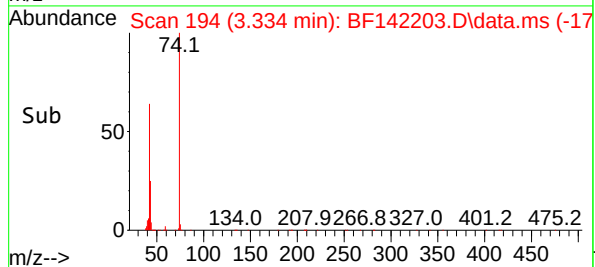
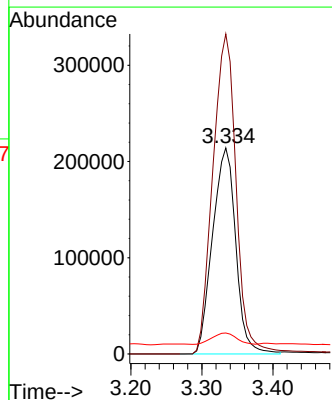
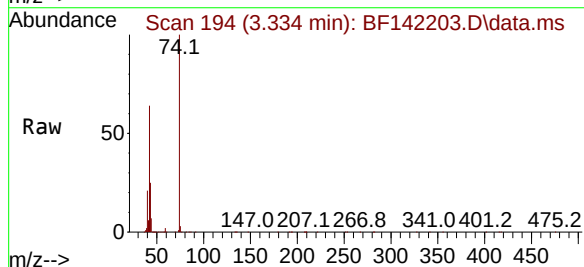
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

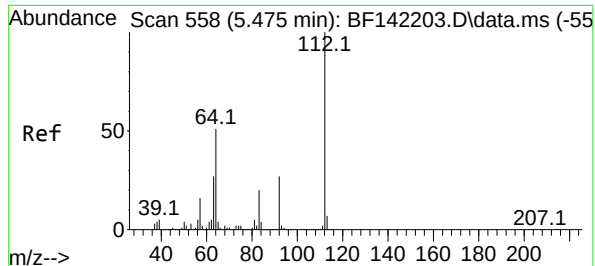
Tgt Ion: 79 Resp: 1208301
Ion Ratio Lower Upper
79 100
52 56.8 45.8 68.8
51 30.2 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 40.026 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 42 Resp: 485318
Ion Ratio Lower Upper
42 100
74 155.3 117.4 176.0
44 10.2 9.5 14.3

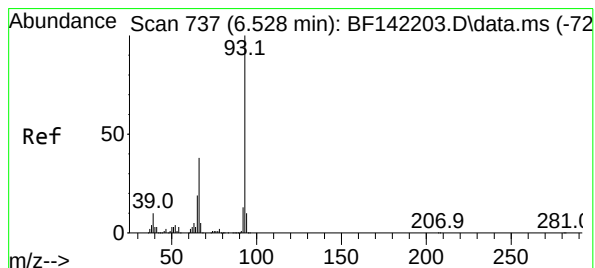
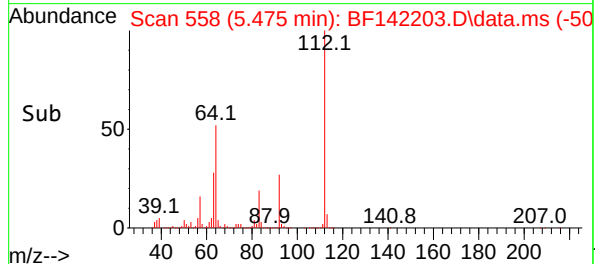
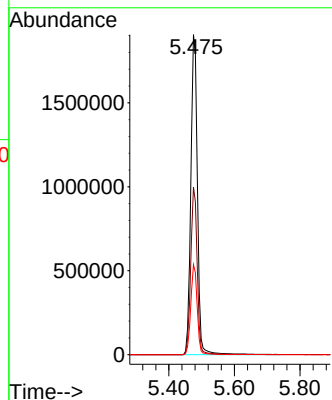
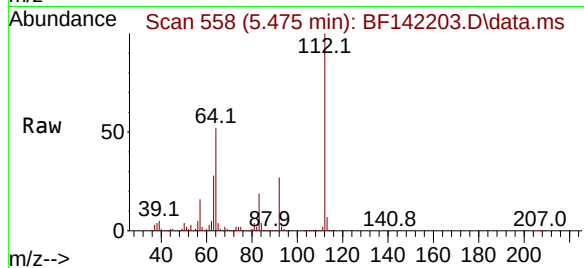




#5
2-Fluorophenol
Concen: 78.588 ng
RT: 5.475 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

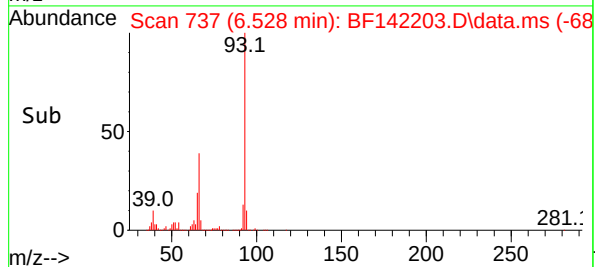
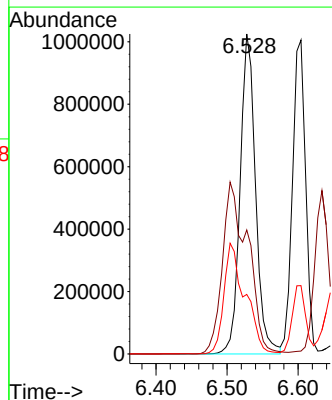
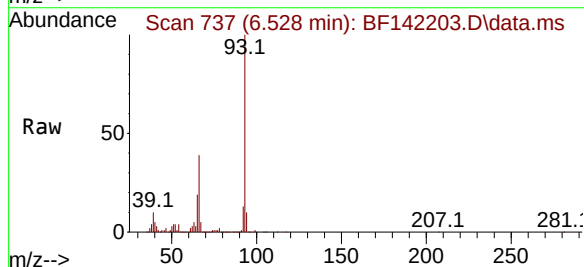
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

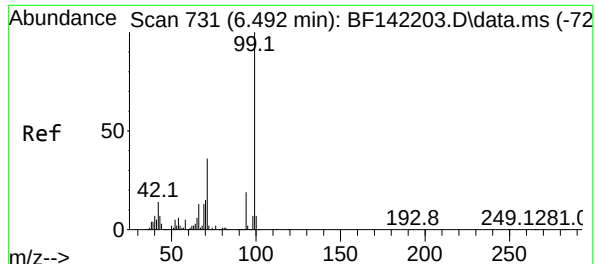
Tgt Ion:112 Resp: 2663652
Ion Ratio Lower Upper
112 100
64 52.4 40.9 61.3
63 28.2 22.0 33.0



#6
Aniline
Concen: 39.705 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 93 Resp: 1556213
Ion Ratio Lower Upper
93 100
66 38.8 30.9 46.3
65 18.6 15.1 22.7





#7

Phenol-d6

Concen: 77.410 ng

RT: 6.492 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

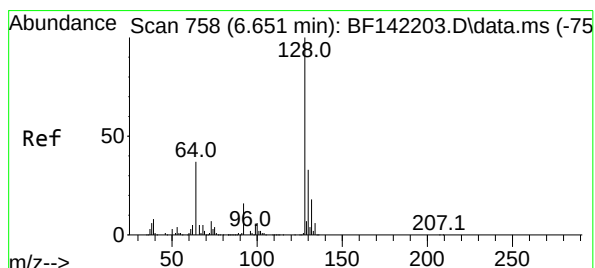
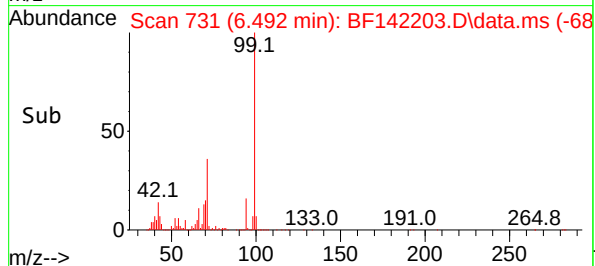
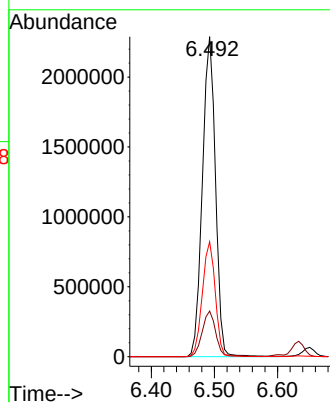
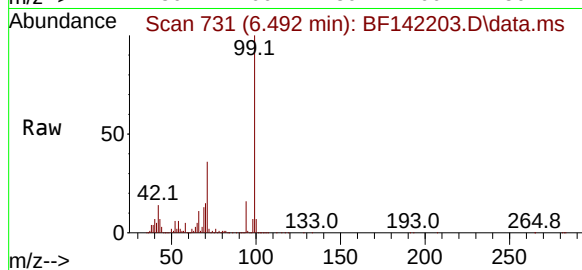
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 3285846

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.5	17.3
71	35.9	28.6	42.8



#8

2-Chlorophenol

Concen: 39.546 ng

RT: 6.651 min Scan# 758

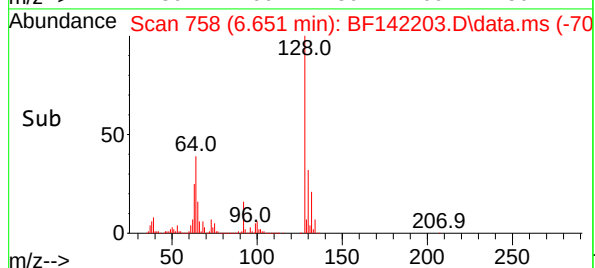
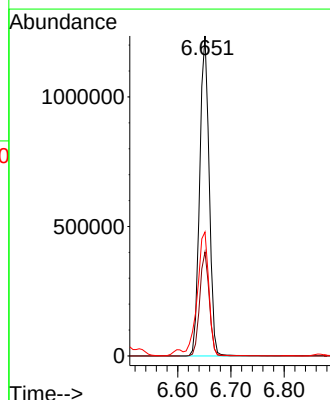
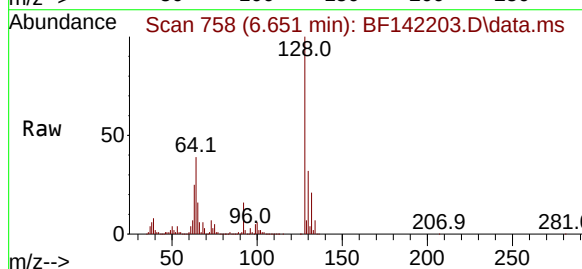
Delta R.T. -0.000 min

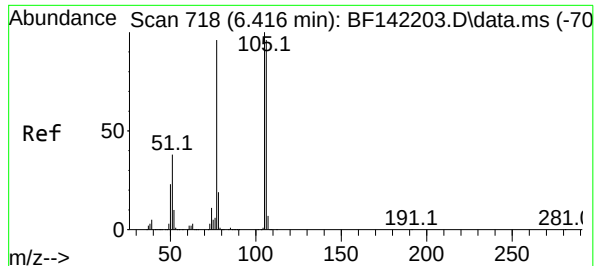
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion: 128 Resp: 1534286

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	38.8	18.8	58.8

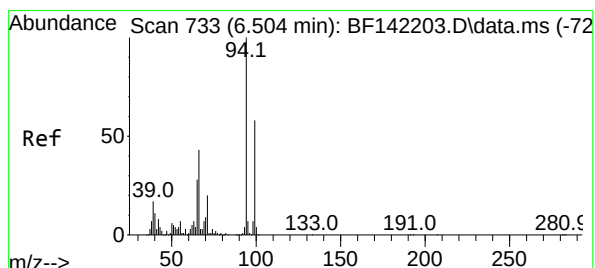
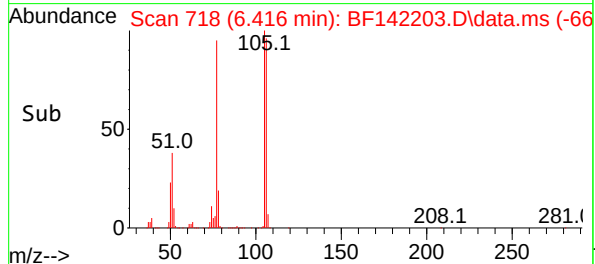
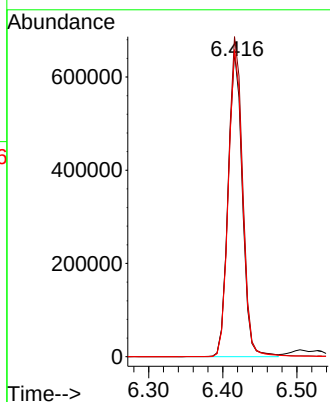
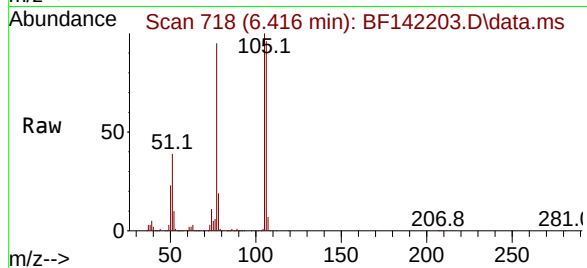




#9
Benzaldehyde
Concen: 37.259 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

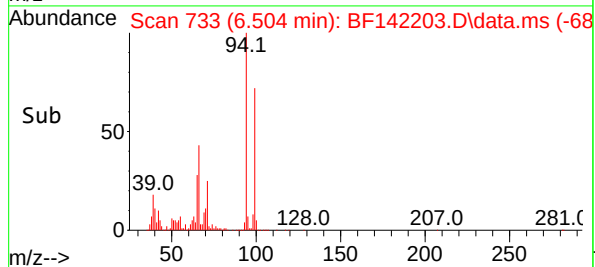
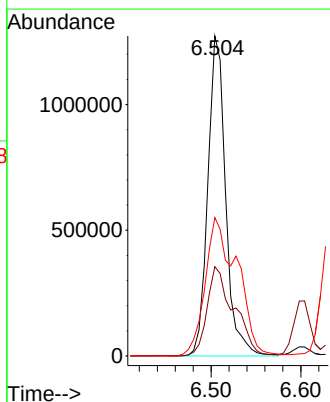
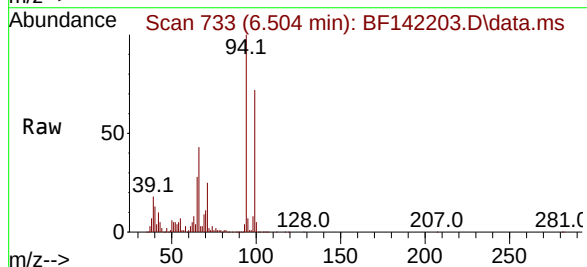
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

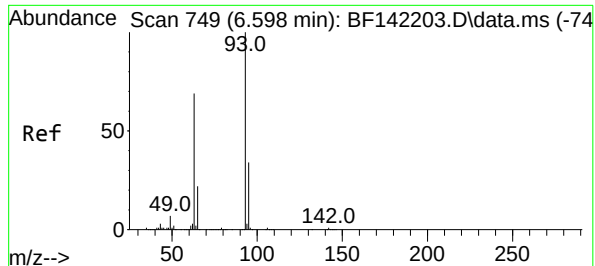
Tgt Ion: 77 Resp: 868315
Ion Ratio Lower Upper
77 100
105 105.1 84.4 124.4
106 100.9 80.3 120.3



#10
Phenol
Concen: 39.269 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 94 Resp: 1758111
Ion Ratio Lower Upper
94 100
65 27.9 8.1 48.1
66 43.3 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 38.311 ng

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

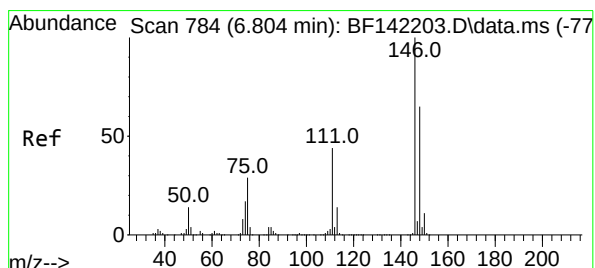
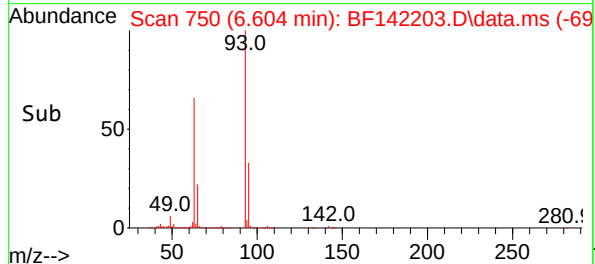
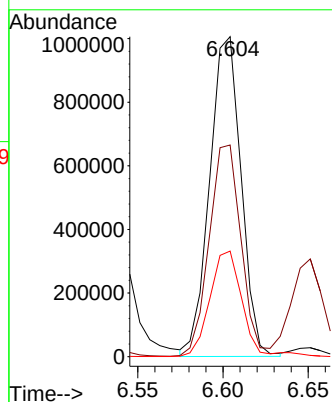
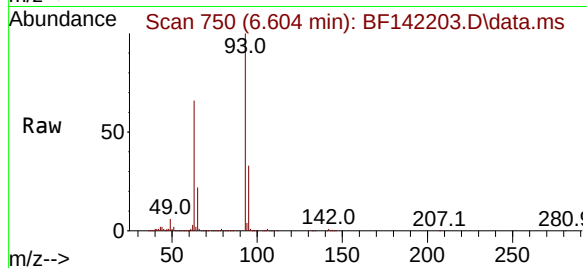
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 1293477

Ion	Ratio	Lower	Upper
93	100		
63	66.1	47.9	87.9
95	33.0	13.7	53.7



#12

1,3-Dichlorobenzene

Concen: 38.835 ng

RT: 6.804 min Scan# 784

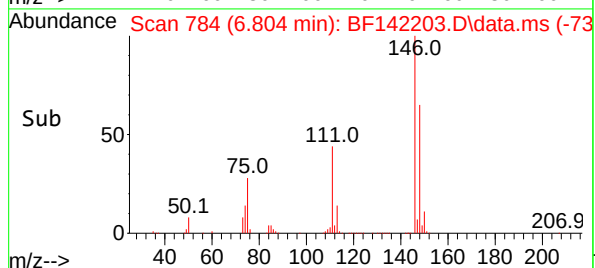
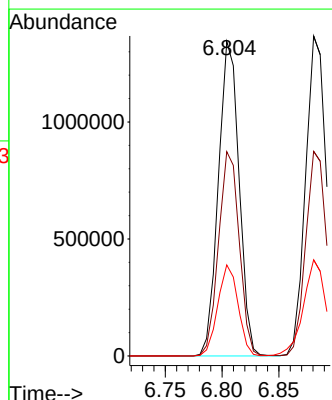
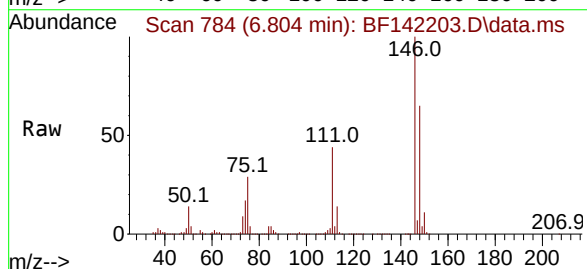
Delta R.T. -0.000 min

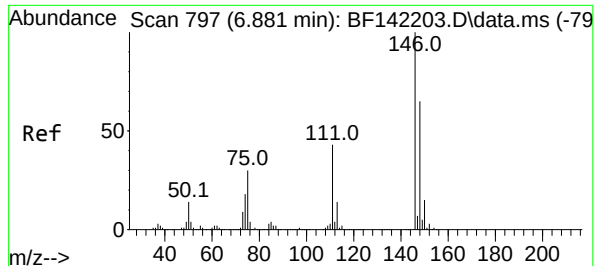
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion: 146 Resp: 1707364

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
75	28.9	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 38.571 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

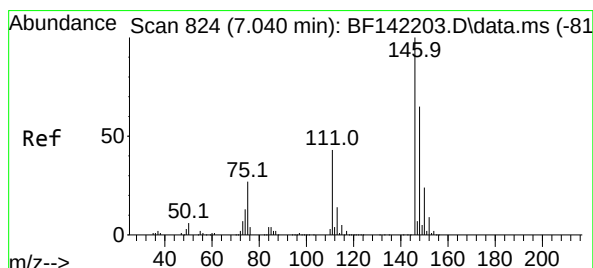
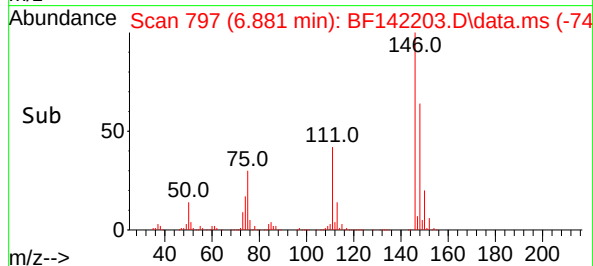
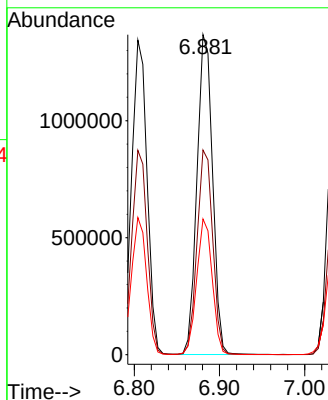
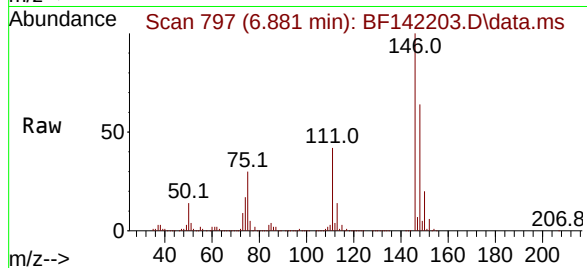
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 1739224

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.4	78.6
111	42.4	34.1	51.1



#14

1,2-Dichlorobenzene

Concen: 38.658 ng

RT: 7.039 min Scan# 824

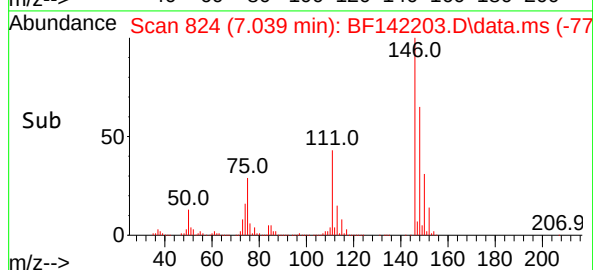
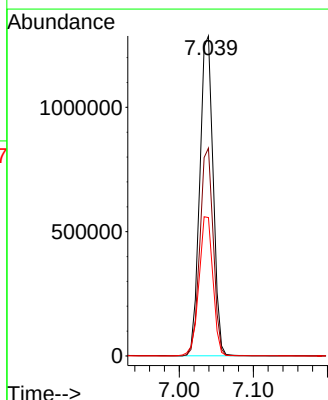
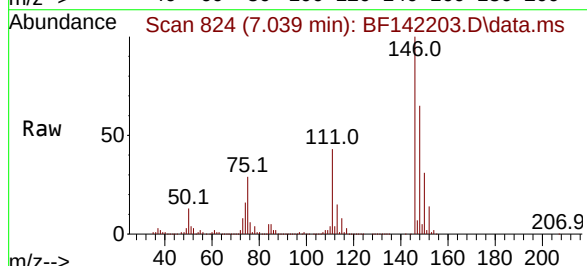
Delta R.T. -0.000 min

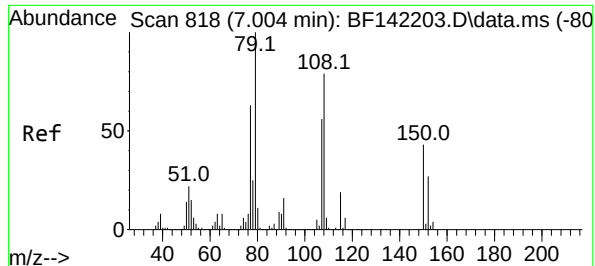
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:146 Resp: 1621618

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.4
111	43.2	34.2	51.4





#15

Benzyl Alcohol

Concen: 39.812 ng

RT: 7.004 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

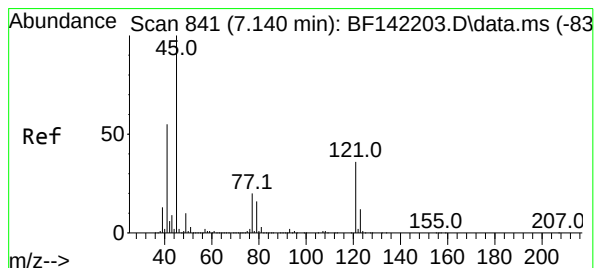
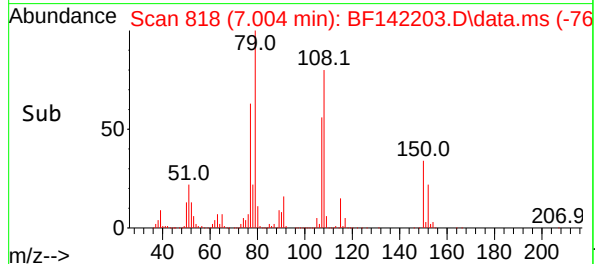
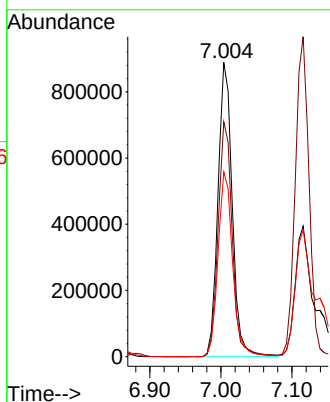
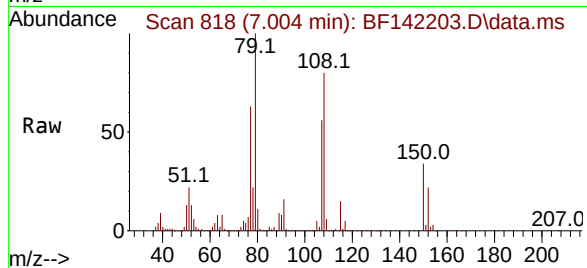
Tgt Ion: 79 Resp: 1232179

Ion Ratio Lower Upper

79 100

108 79.9 63.1 94.7

77 62.8 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.742 ng

RT: 7.139 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

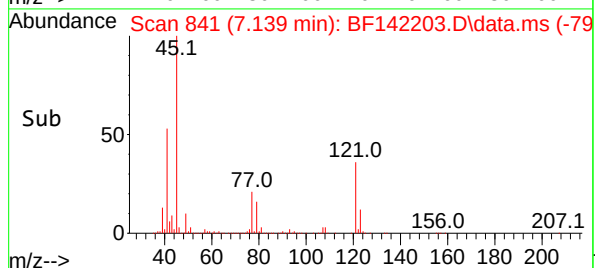
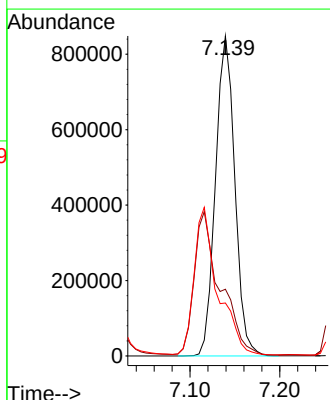
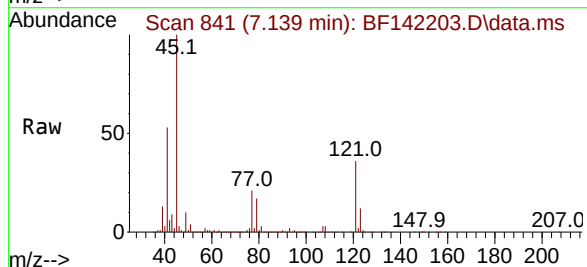
Tgt Ion: 45 Resp: 1267874

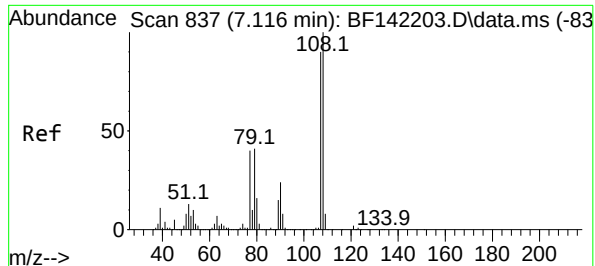
Ion Ratio Lower Upper

45 100

77 20.9 1.4 41.4

79 16.5 0.0 36.7

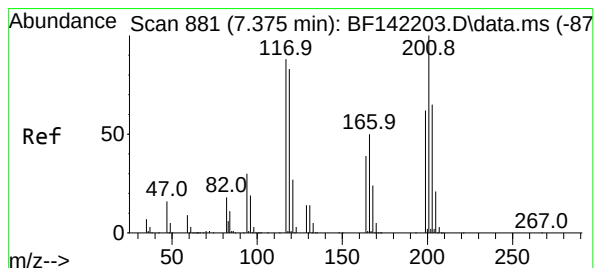
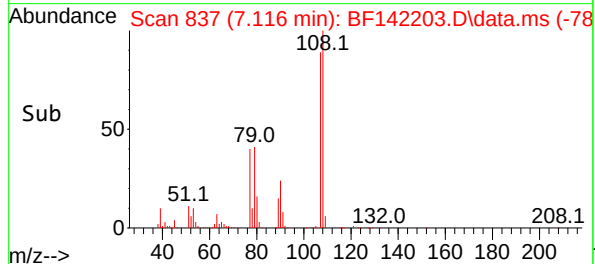
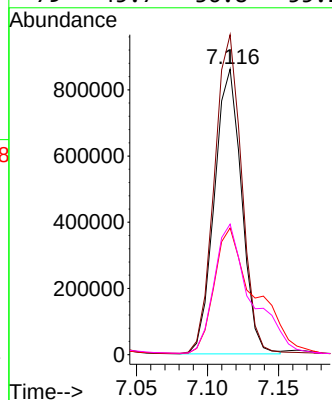
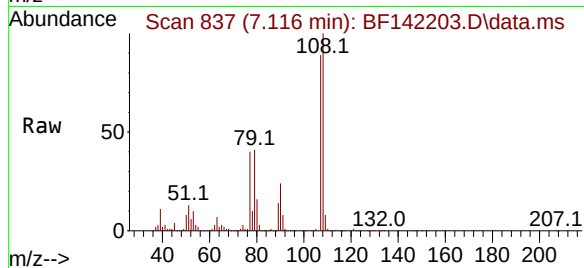




#17
2-Methylphenol
Concen: 39.294 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

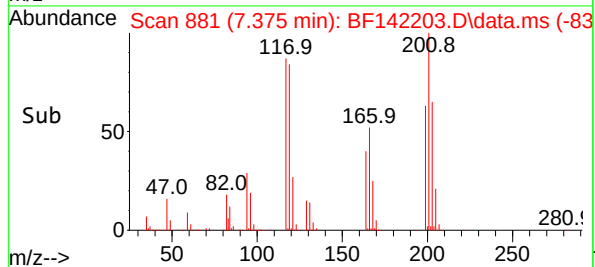
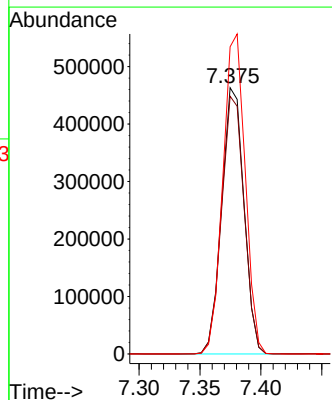
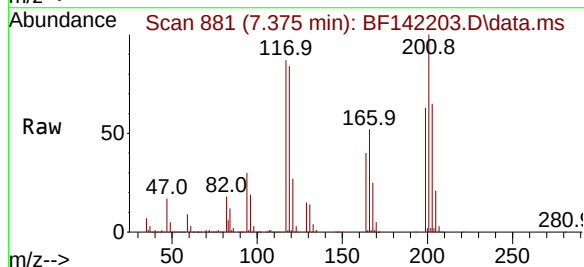
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

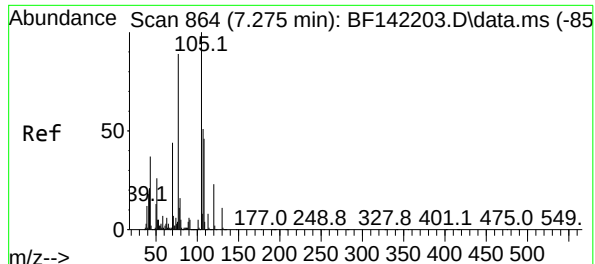
Tgt Ion:107 Resp: 1147379
Ion Ratio Lower Upper
107 100
108 112.0 89.4 134.2
77 44.4 36.3 54.5
79 45.7 36.8 55.2



#18
Hexachloroethane
Concen: 38.601 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:117 Resp: 591303
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 115.3 91.4 137.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.731 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 905661

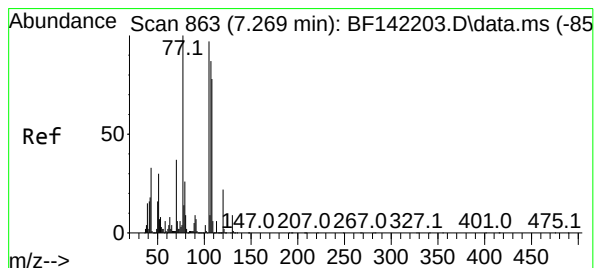
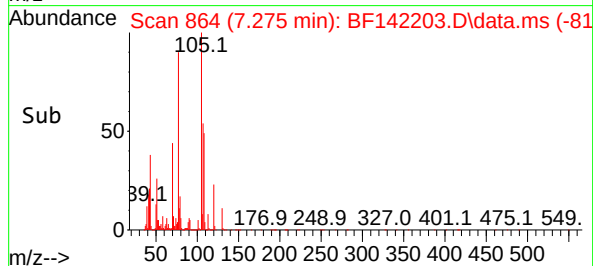
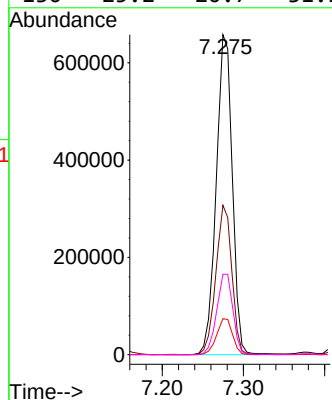
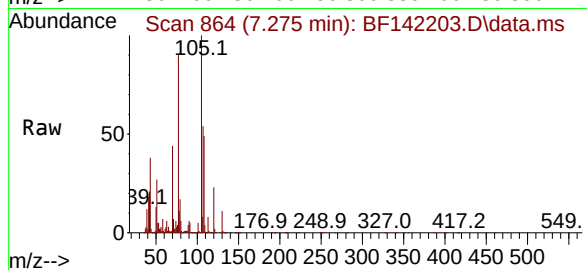
Ion Ratio Lower Upper

70 100

42 46.7 37.4 56.0

101 11.3 8.6 13.0

130 25.2 20.7 31.1



#20

3+4-Methylphenols

Concen: 39.597 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion: 107 Resp: 1437999

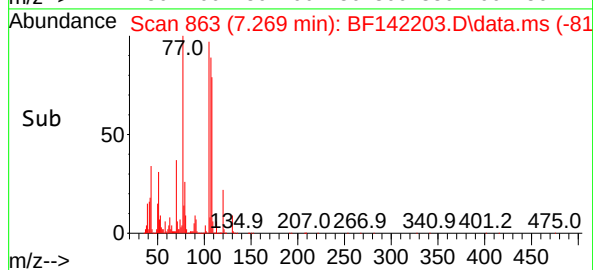
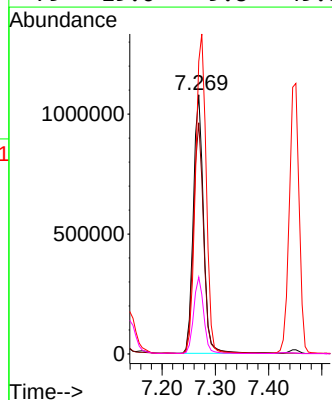
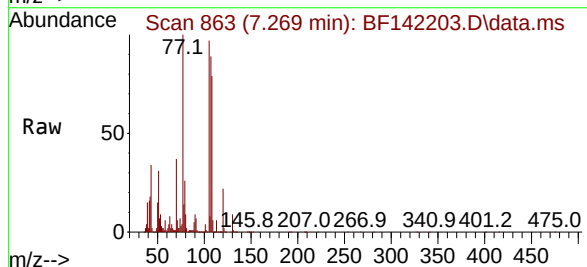
Ion Ratio Lower Upper

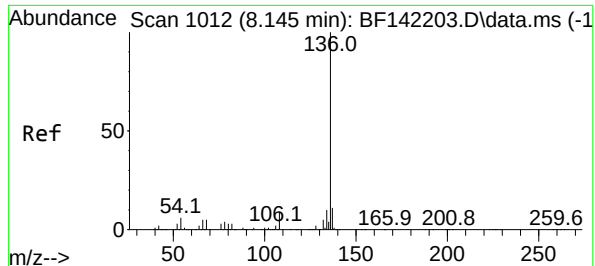
107 100

108 89.2 69.8 109.8

77 112.8 94.5 134.5

79 29.6 9.8 49.8

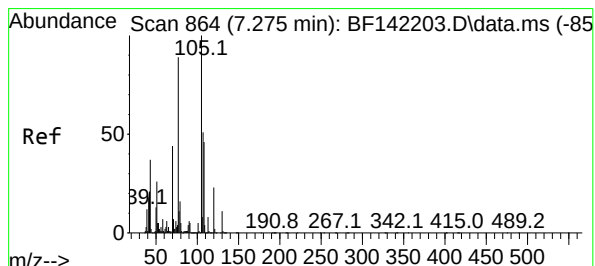
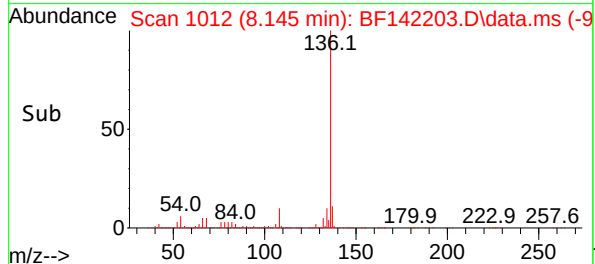
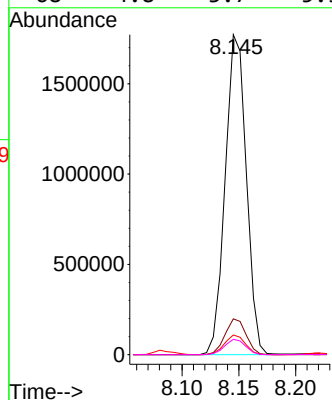
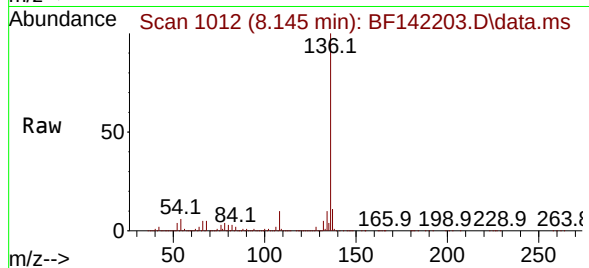




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

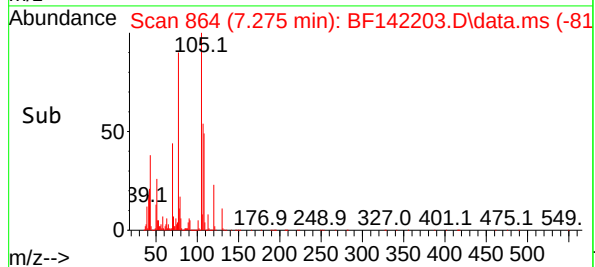
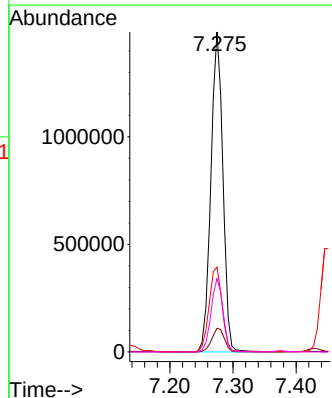
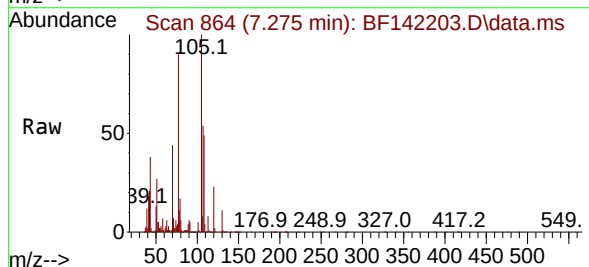
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

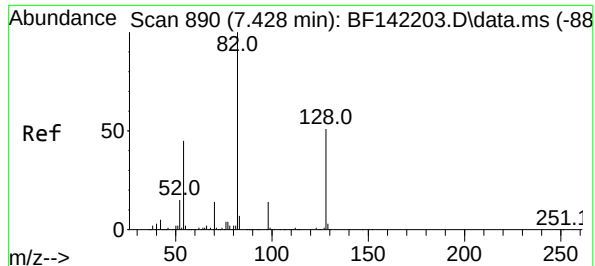
Tgt Ion:136 Resp: 2294394
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.2 4.7 7.1
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 38.929 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:105 Resp: 1960556
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.8
51 26.5 20.9 31.3
120 22.9 18.6 27.8





#23

Nitrobenzene-d5

Concen: 78.532 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

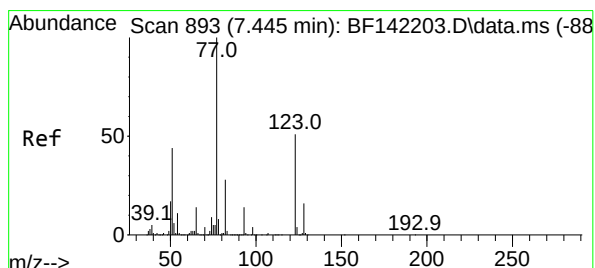
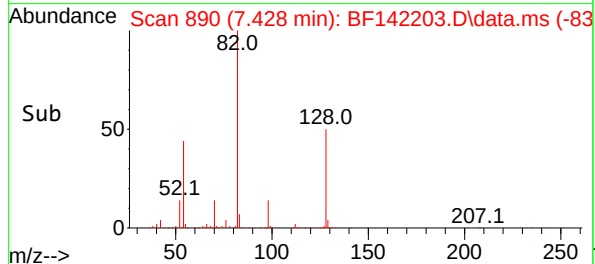
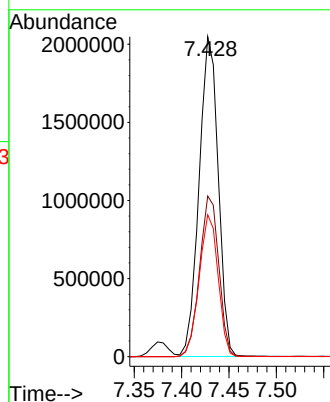
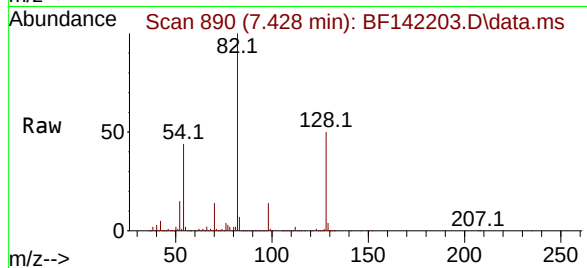
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 2869044

Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.2	60.2
54	44.4	35.5	53.3



#24

Nitrobenzene

Concen: 40.092 ng

RT: 7.451 min Scan# 894

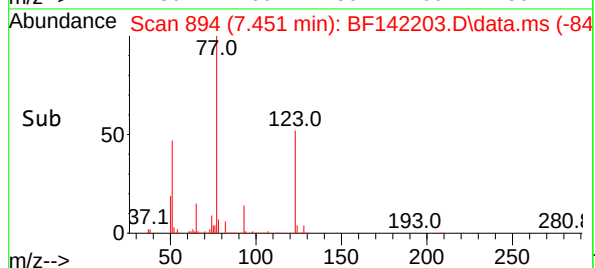
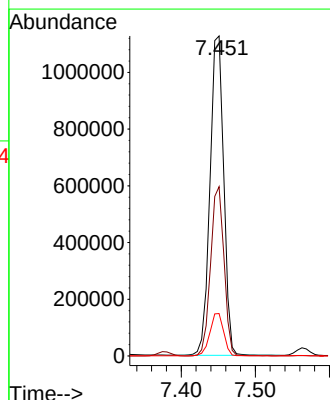
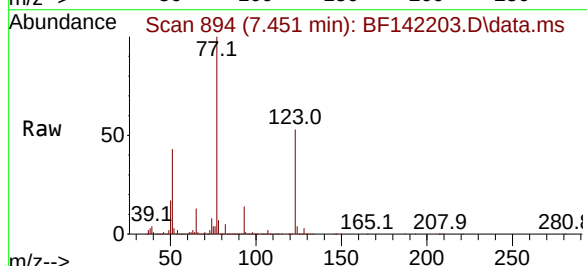
Delta R.T. 0.006 min

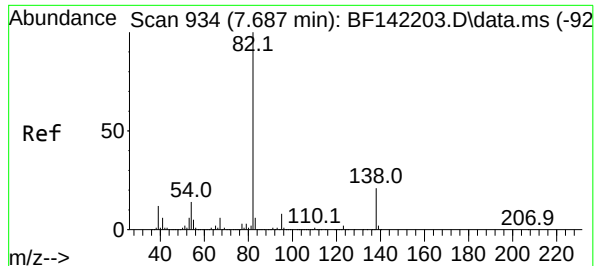
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion: 77 Resp: 1451066

Ion	Ratio	Lower	Upper
77	100		
123	52.9	40.7	61.1
65	13.3	10.9	16.3

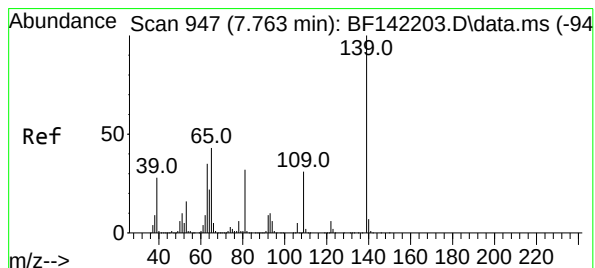
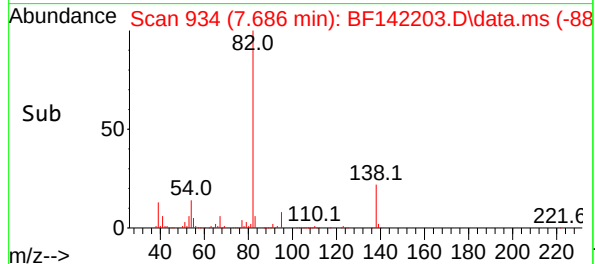
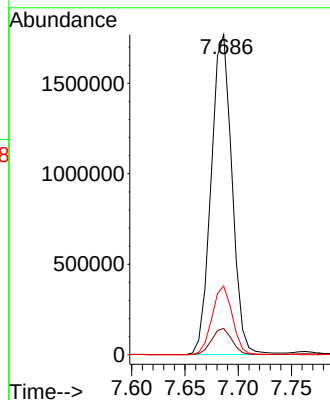
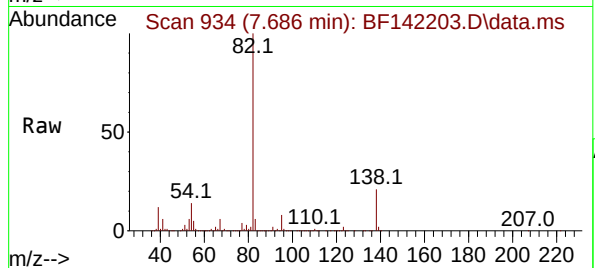




#25
Isophorone
Concen: 39.142 ng
RT: 7.686 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

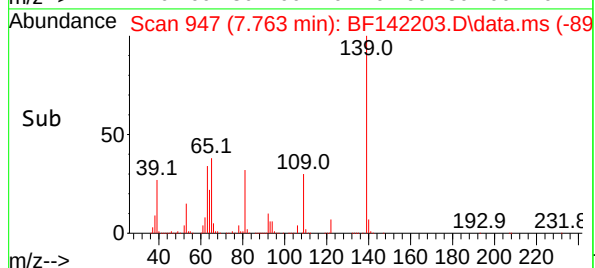
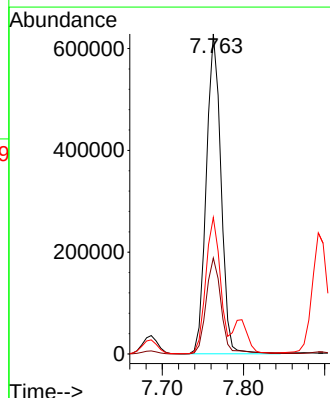
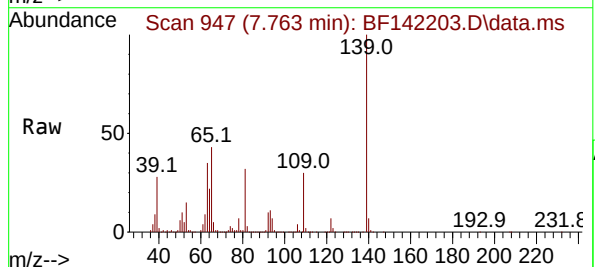
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

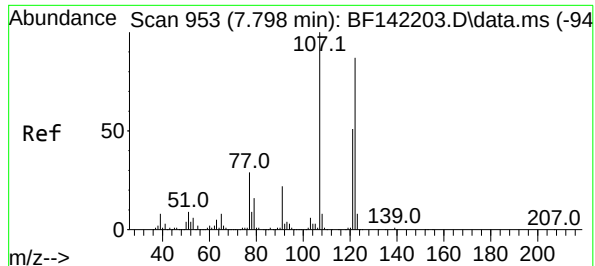
Tgt Ion: 82 Resp: 2400402
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 21.4 16.9 25.3



#26
2-Nitrophenol
Concen: 41.431 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 139 Resp: 788228
Ion Ratio Lower Upper
139 100
109 30.0 24.4 36.6
65 42.6 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 40.301 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

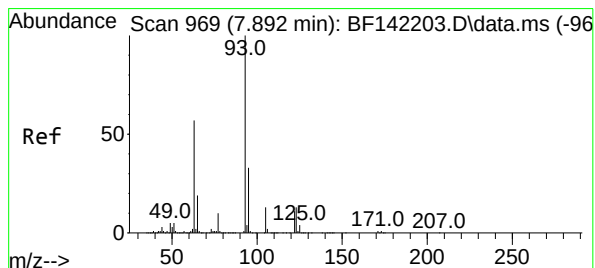
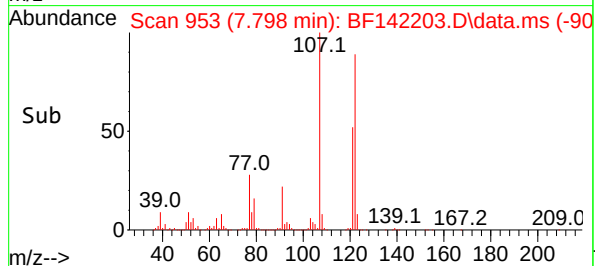
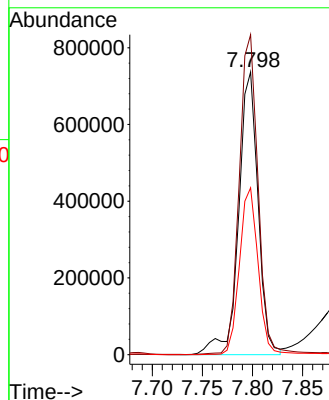
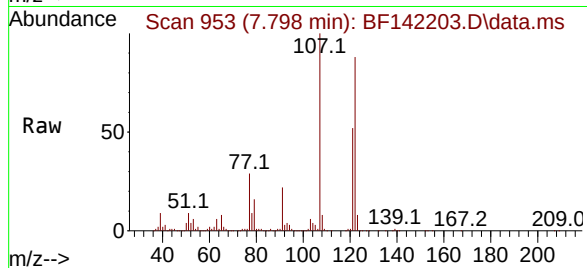
Tgt Ion:122 Resp: 996931

Ion Ratio Lower Upper

122 100

107 113.2 91.6 137.4

121 59.0 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.297 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

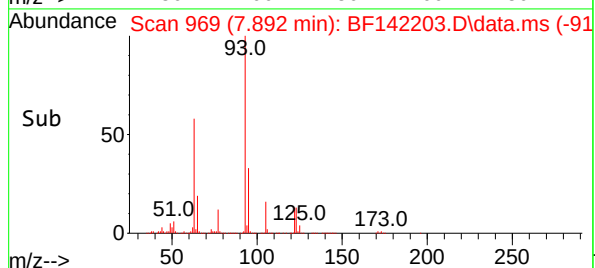
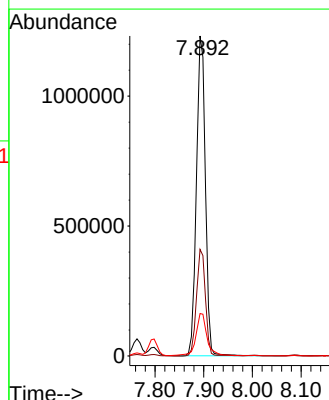
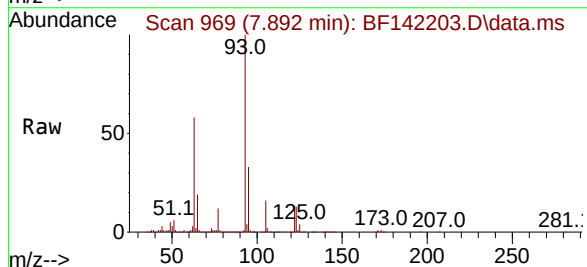
Tgt Ion: 93 Resp: 1581641

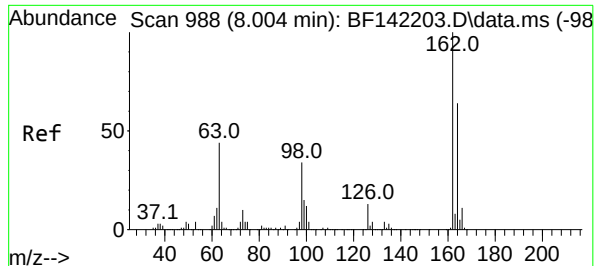
Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

123 13.2 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 40.217 ng

RT: 8.004 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

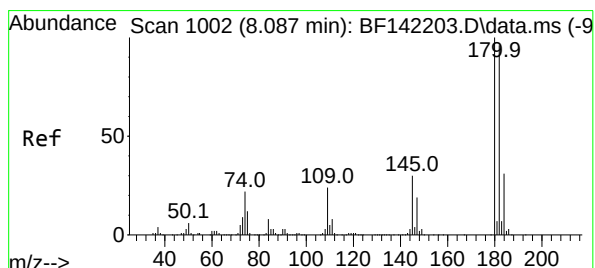
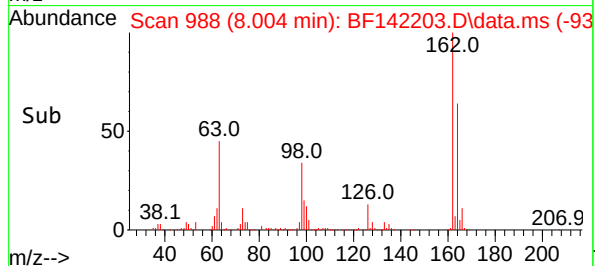
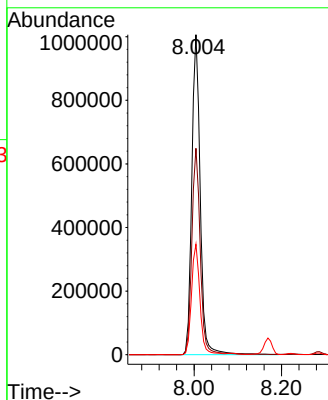
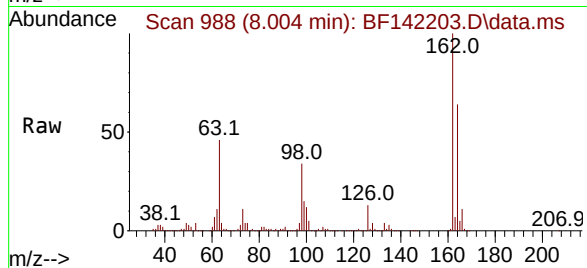
Tgt Ion:162 Resp: 1353064

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 34.5 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 39.205 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

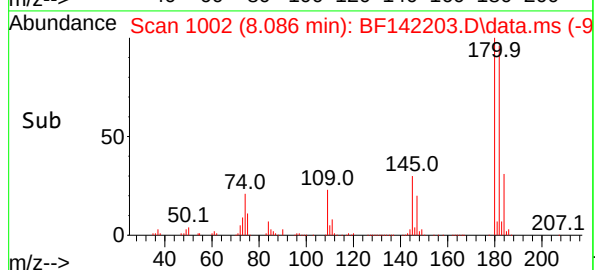
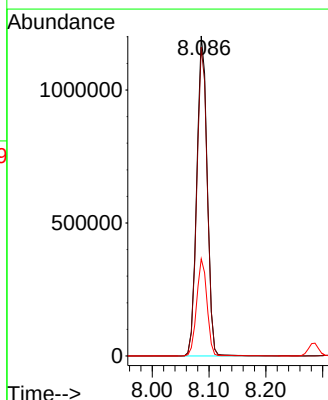
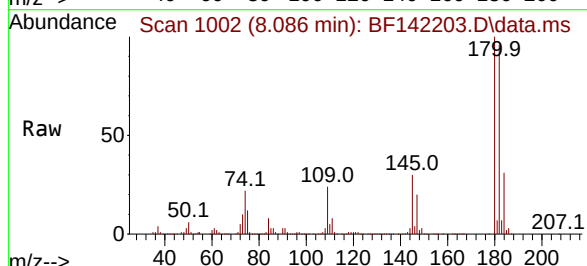
Tgt Ion:180 Resp: 1542491

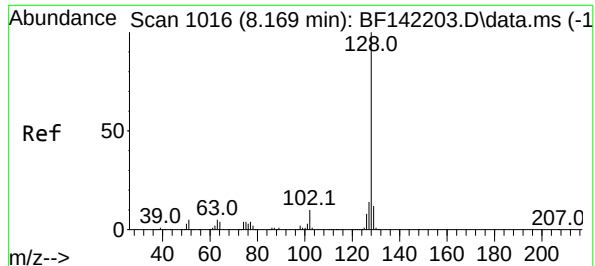
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.4

145 30.4 24.3 36.5

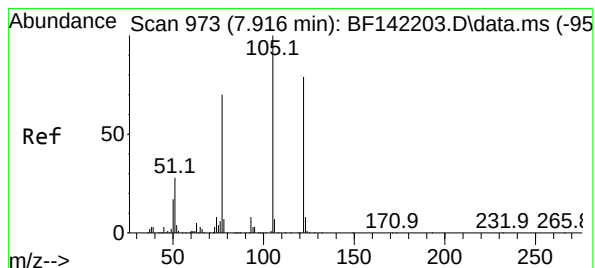
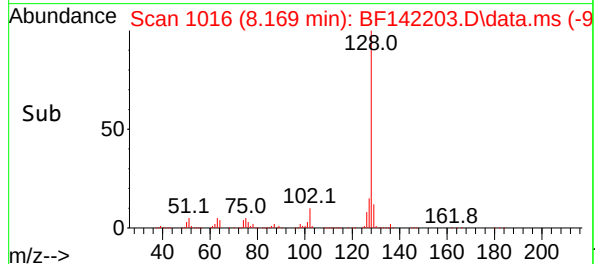
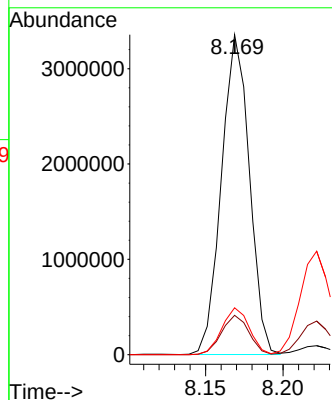
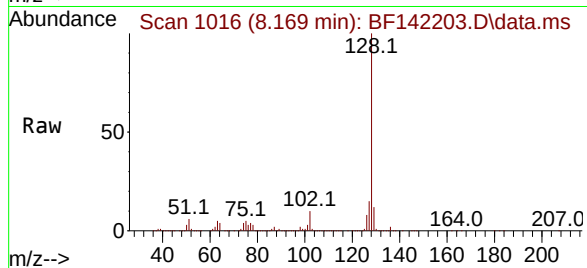




#31
Naphthalene
Concen: 38.822 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

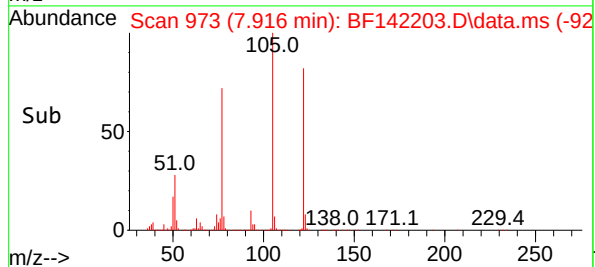
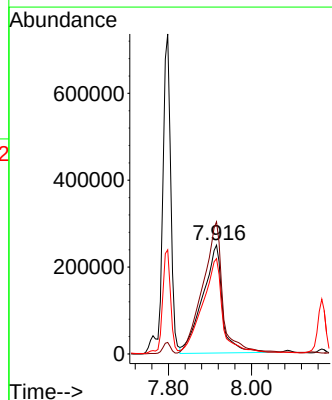
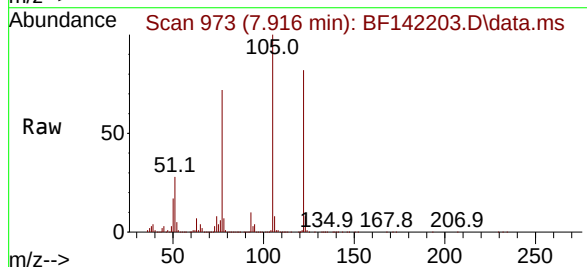
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

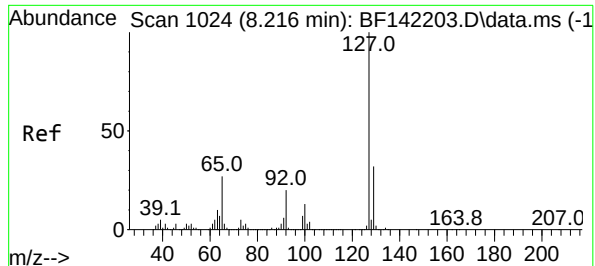
Tgt Ion:128 Resp: 4207666
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 14.7 11.4 17.0



#32
Benzoic acid
Concen: 37.930 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:122 Resp: 828761
Ion Ratio Lower Upper
122 100
105 121.5 101.5 141.5
77 87.7 66.6 106.6





#33

4-Chloroaniline

Concen: 39.689 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

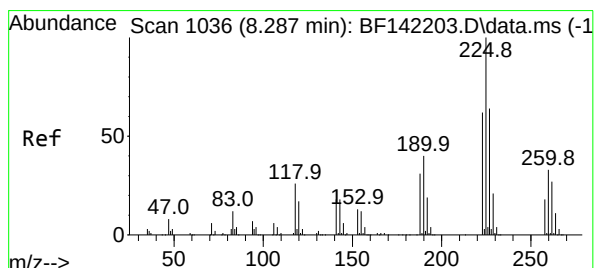
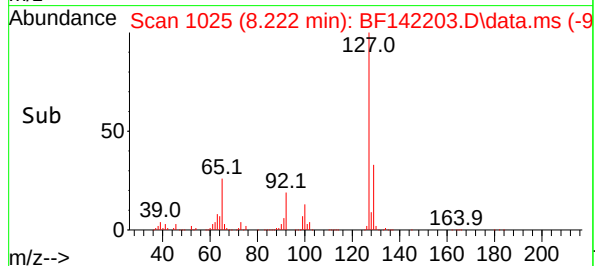
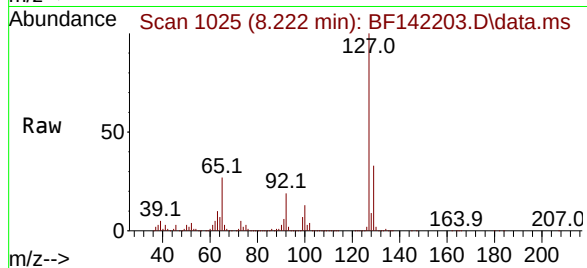
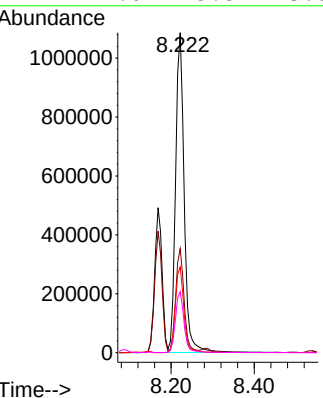
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 1557576

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	26.8	21.8	32.6
92	19.0	15.8	23.6



#34

Hexachlorobutadiene

Concen: 39.643 ng

RT: 8.286 min Scan# 1036

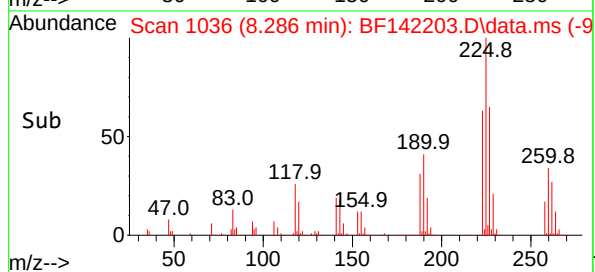
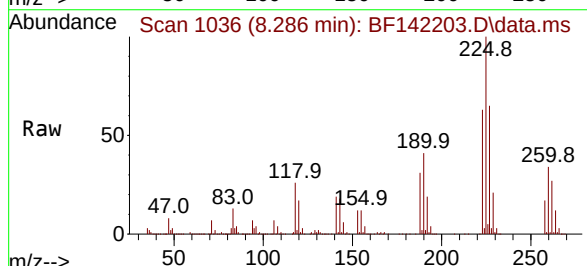
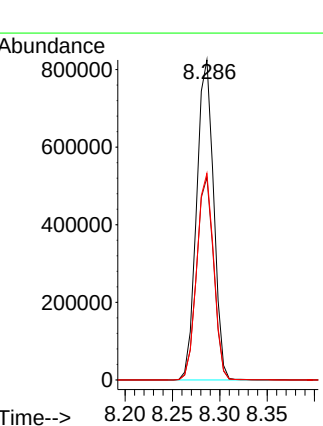
Delta R.T. -0.000 min

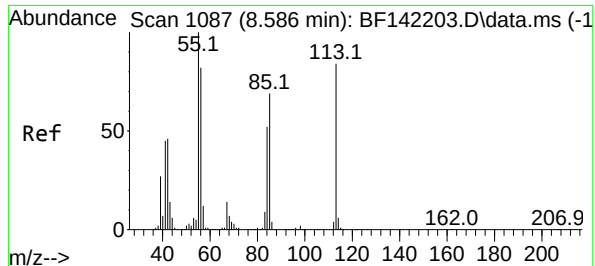
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:225 Resp: 1029313

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	64.6	51.4	77.2

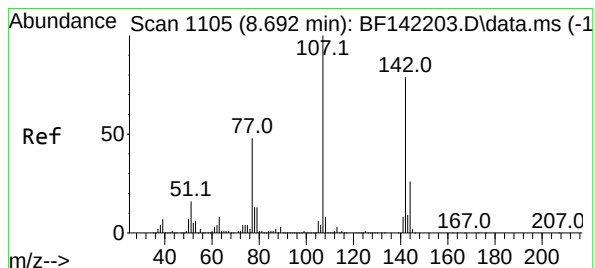
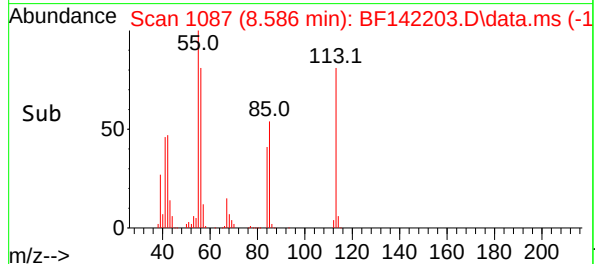
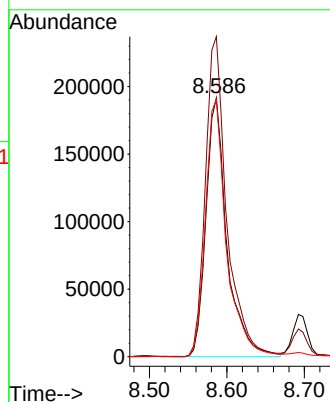
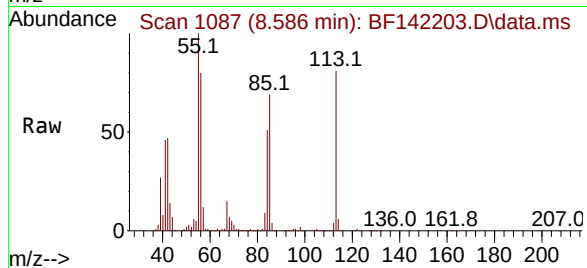




#35
Caprolactam
Concen: 40.141 ng
RT: 8.586 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

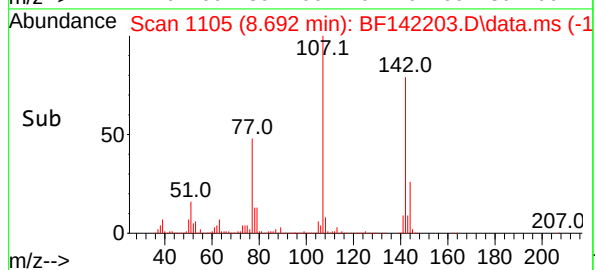
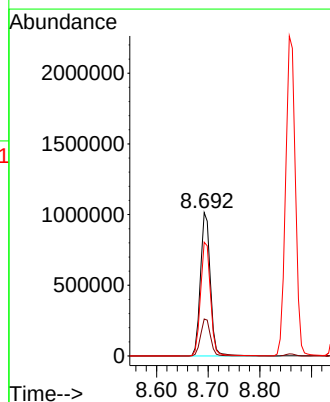
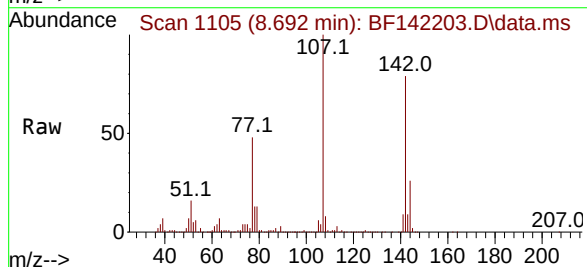
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

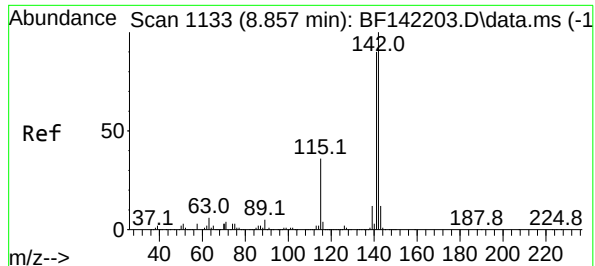
Tgt Ion:113 Resp: 360269
Ion Ratio Lower Upper
113 100
55 123.7 99.5 139.5
56 99.5 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 39.776 ng
RT: 8.692 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:107 Resp: 1347101
Ion Ratio Lower Upper
107 100
144 25.8 20.6 30.8
142 79.3 63.2 94.8

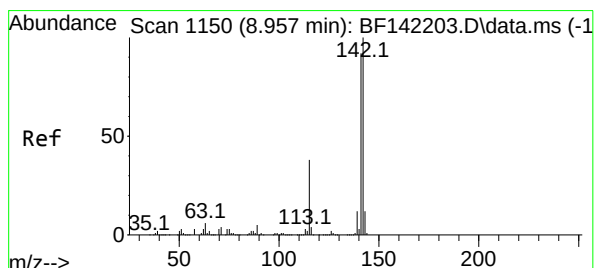
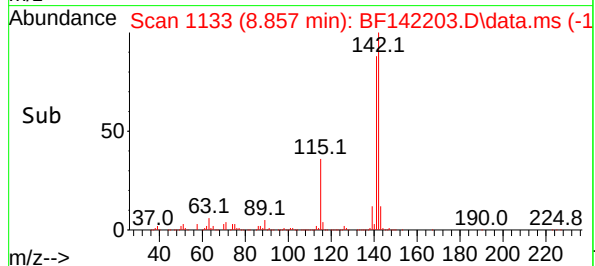
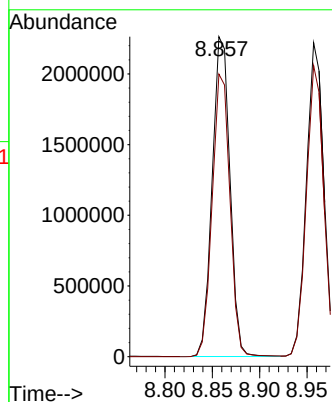
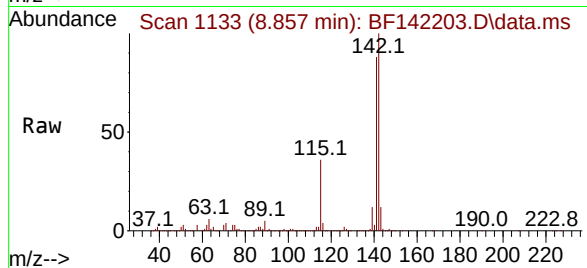




#37
2-Methylnaphthalene
Concen: 39.331 ng
RT: 8.857 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

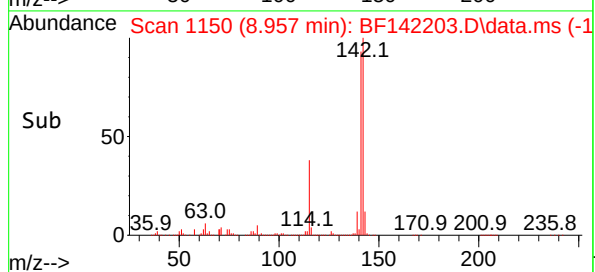
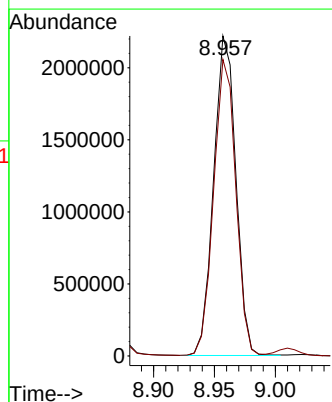
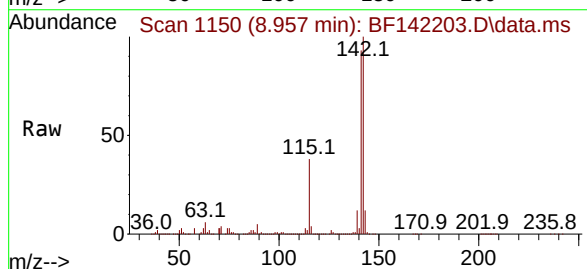
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

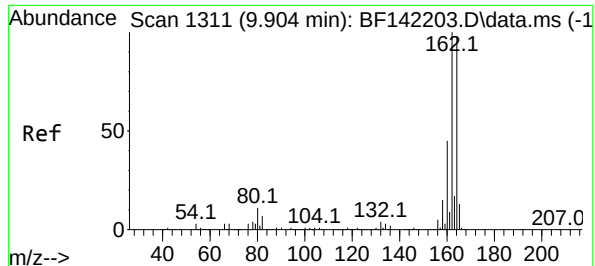
Tgt Ion:142 Resp: 2946088
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9



#38
1-Methylnaphthalene
Concen: 38.769 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:142 Resp: 2811742
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

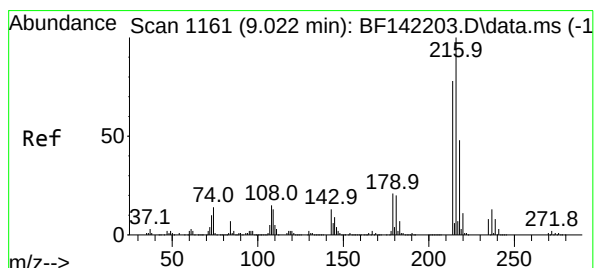
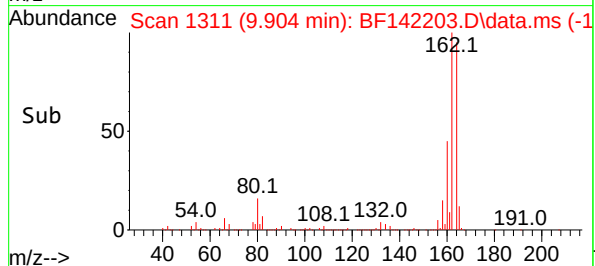
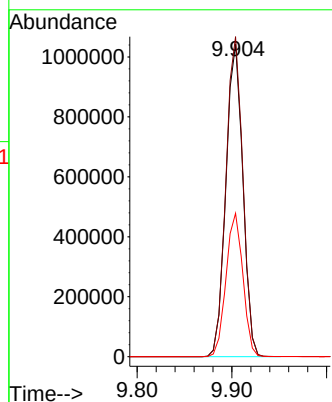
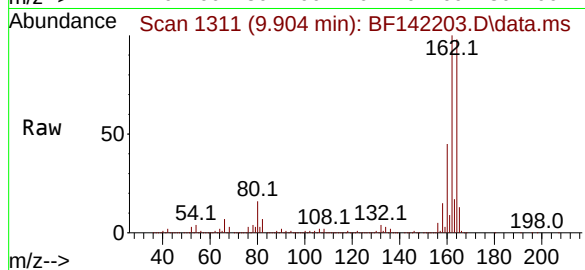
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 1295615

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.9	122.9
160	45.9	36.8	55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.142 ng

RT: 9.027 min Scan# 1162

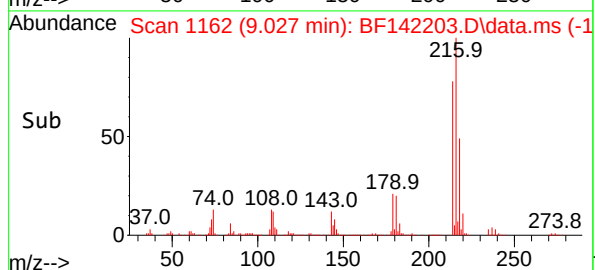
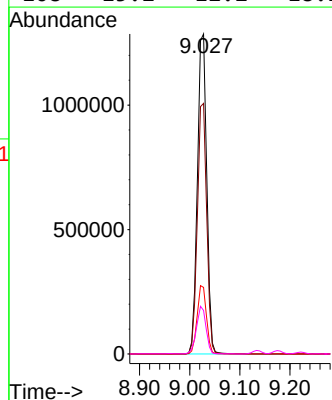
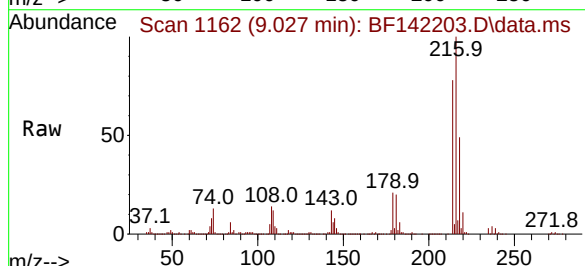
Delta R.T. 0.006 min

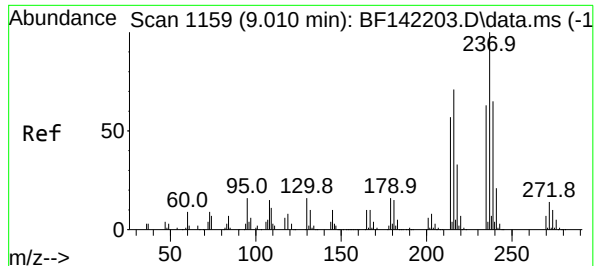
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:216 Resp: 1659315

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.7	94.1
179	21.2	16.7	25.1
108	15.2	12.2	18.2

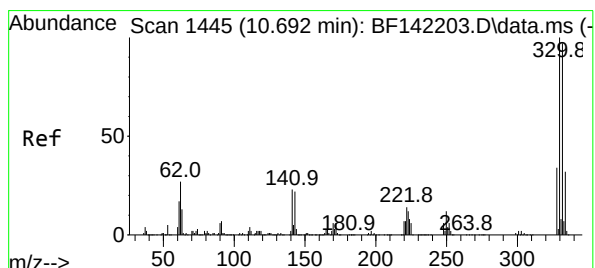
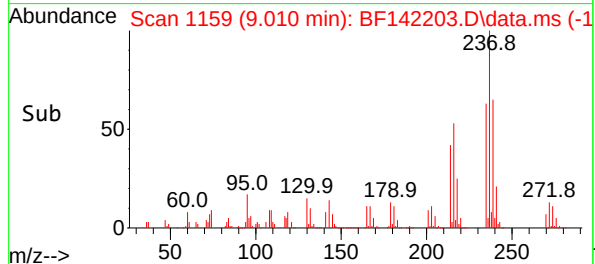
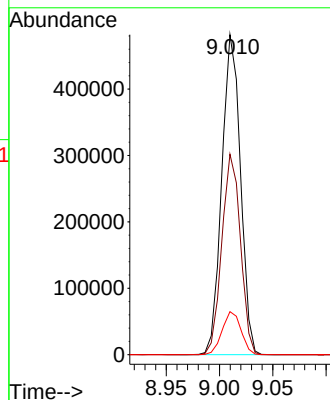
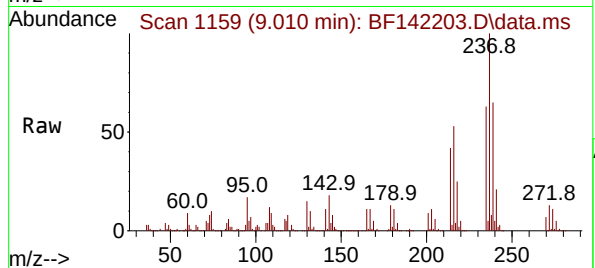




#41
Hexachlorocyclopentadiene
Concen: 45.058 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

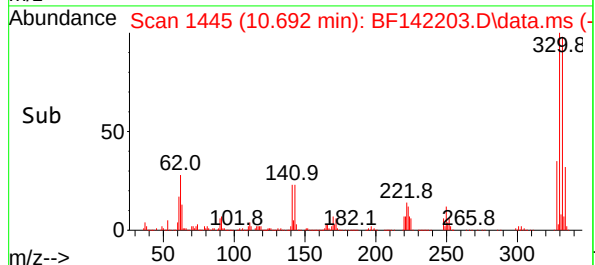
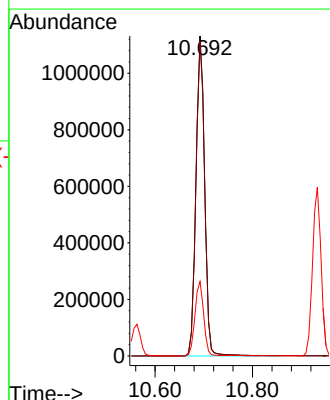
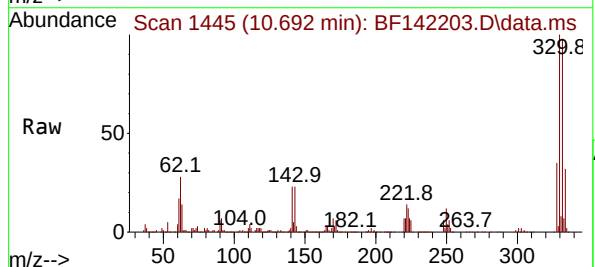
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

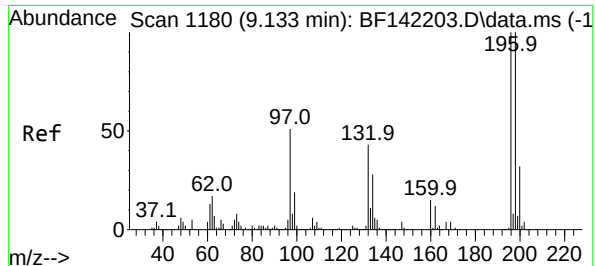
Tgt Ion:237 Resp: 585721
Ion Ratio Lower Upper
237 100
235 62.6 42.6 82.6
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 80.303 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:330 Resp: 1422526
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 23.2 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 40.689 ng

RT: 9.133 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

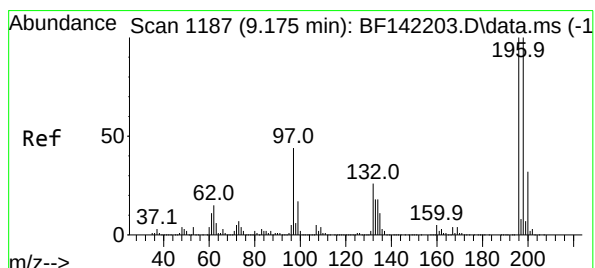
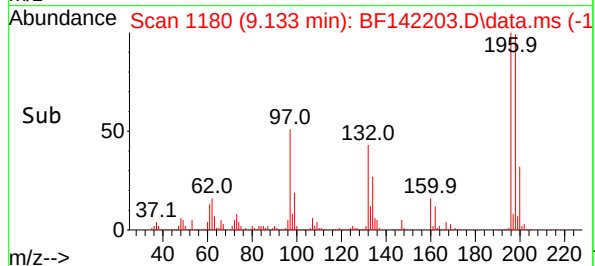
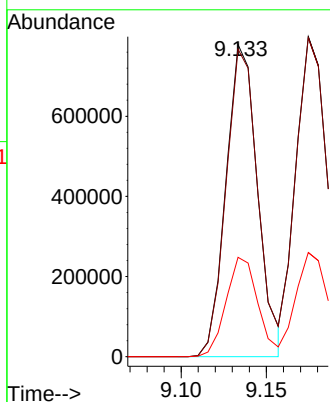
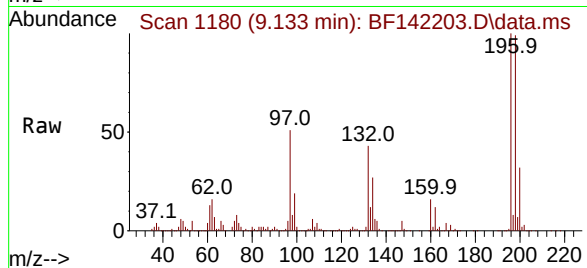
Tgt Ion:196 Resp: 1007035

Ion Ratio Lower Upper

196 100

198 98.5 80.0 120.0

200 31.8 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 40.068 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:196 Resp: 1062965

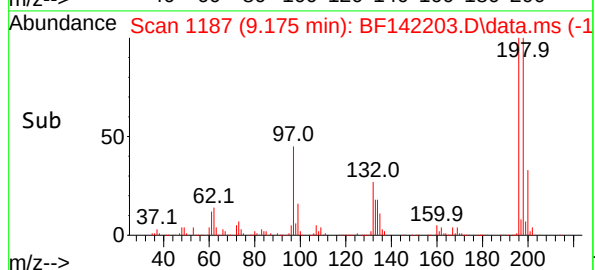
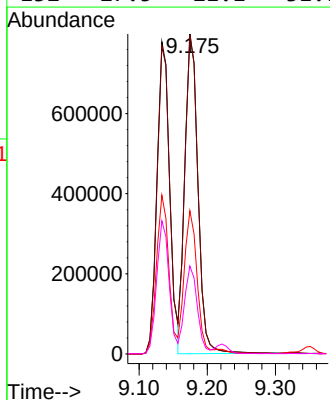
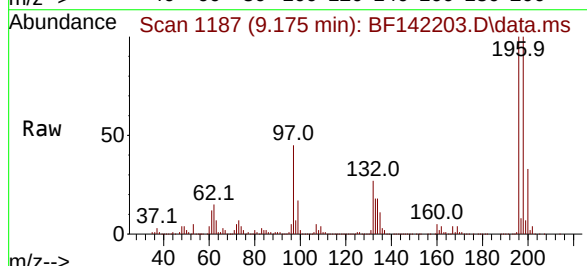
Ion Ratio Lower Upper

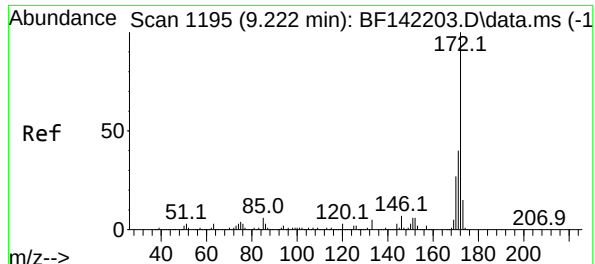
196 100

198 99.7 80.0 120.0

97 44.8 35.9 53.9

132 27.5 21.1 31.7

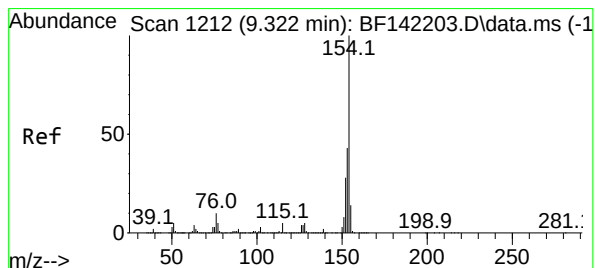
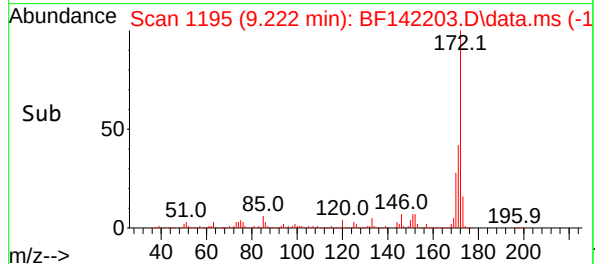
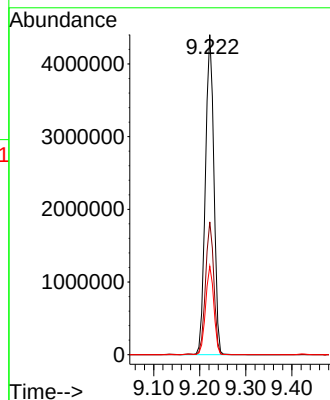
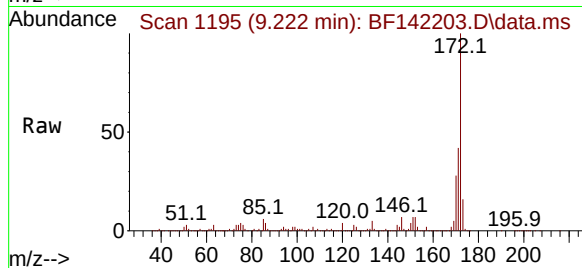




#45
2-Fluorobiphenyl
Concen: 71.777 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

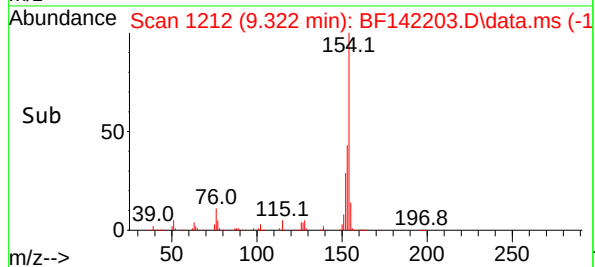
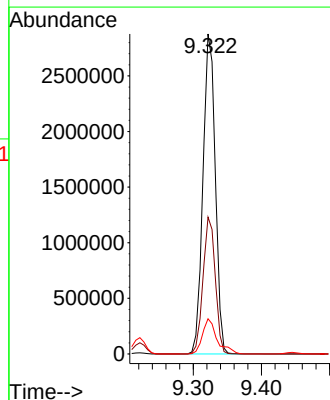
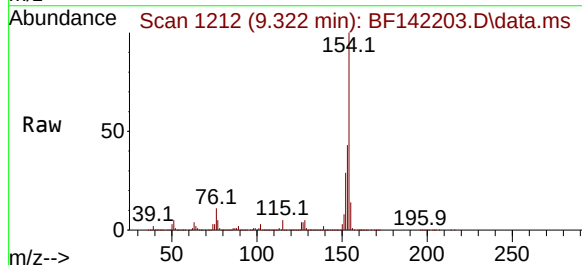
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

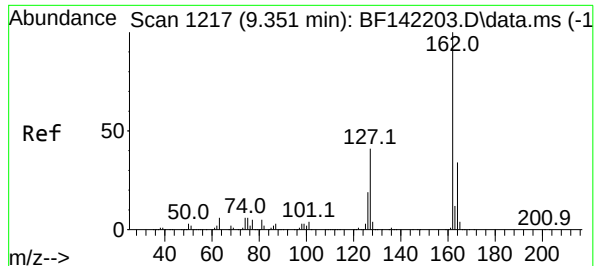
Tgt Ion:172 Resp: 5705463
Ion Ratio Lower Upper
172 100
171 41.5 32.1 48.1
170 27.7 21.4 32.0



#46
1,1'-Biphenyl
Concen: 38.930 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:154 Resp: 3616786
Ion Ratio Lower Upper
154 100
153 42.7 22.5 62.5
76 11.0 0.0 30.4

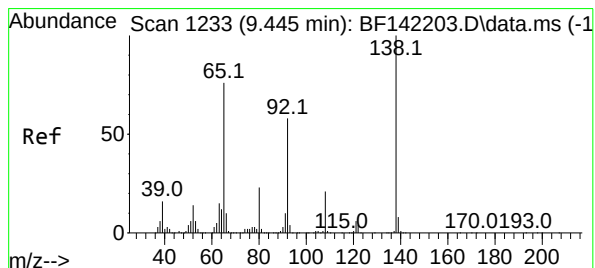
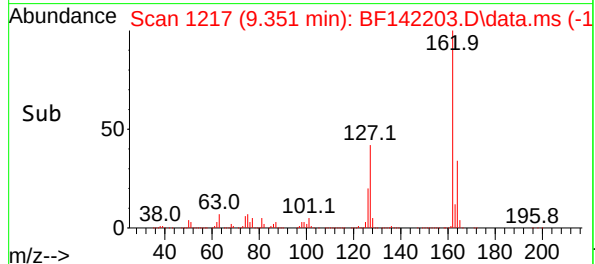
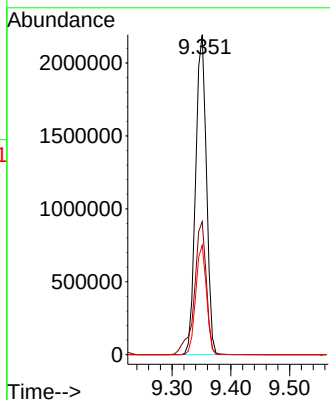
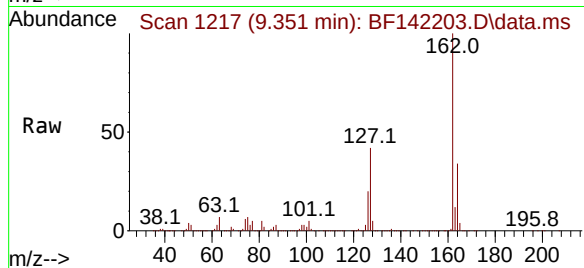




#47
2-Chloronaphthalene
Concen: 38.862 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

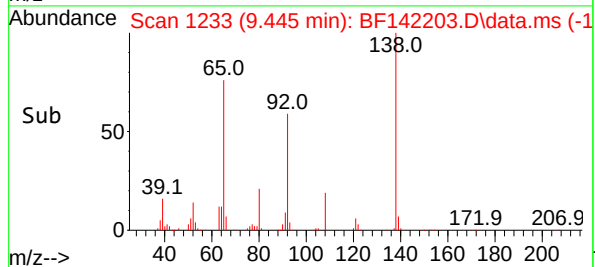
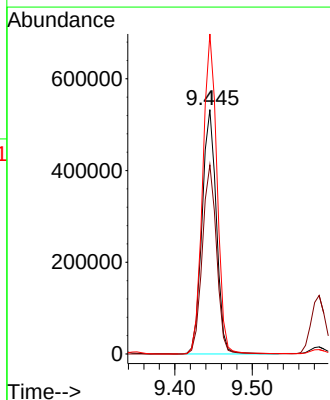
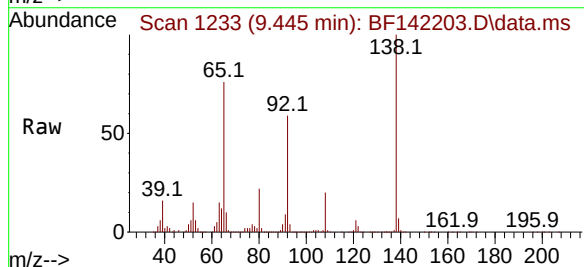
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

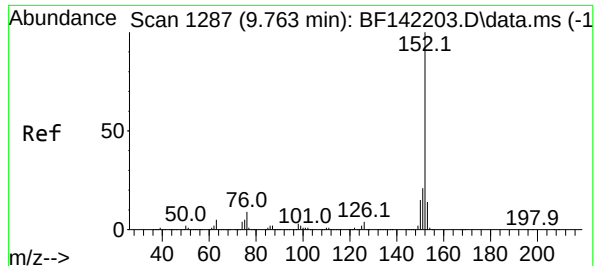
Tgt Ion:162 Resp: 2802498
Ion Ratio Lower Upper
162 100
127 41.6 33.1 49.7
164 34.2 27.1 40.7



#48
2-Nitroaniline
Concen: 40.471 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 65 Resp: 684114
Ion Ratio Lower Upper
65 100
92 77.4 61.4 92.0
138 131.0 105.8 158.6





#49

Acenaphthylene

Concen: 38.904 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

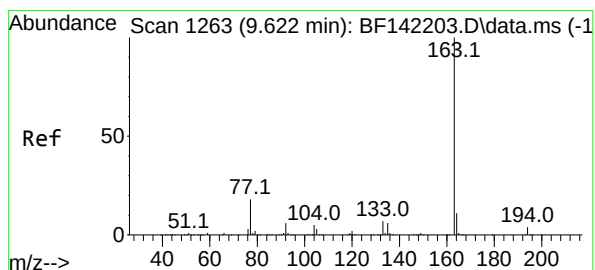
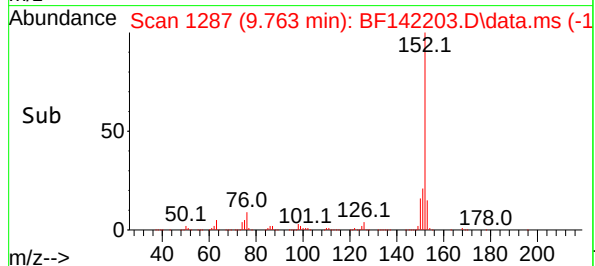
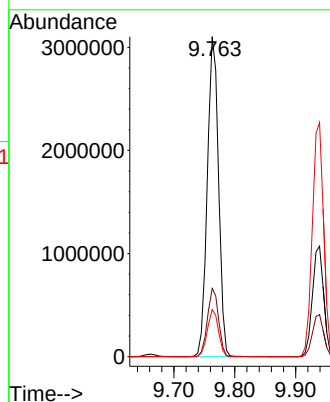
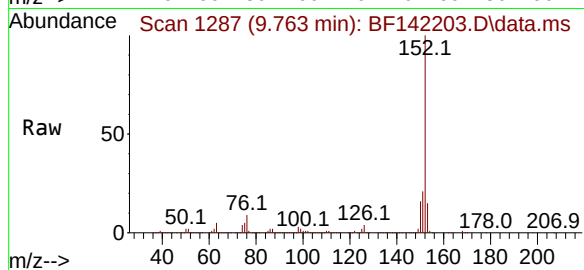
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 3965503

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	14.7	11.6	17.4



#50

Dimethylphthalate

Concen: 39.001 ng

RT: 9.622 min Scan# 1263

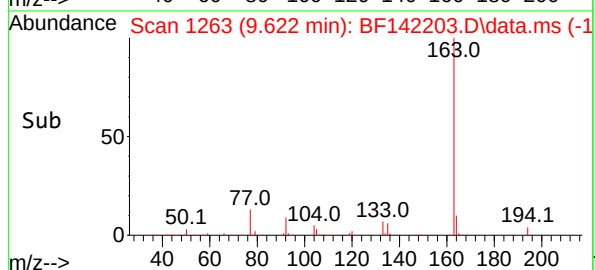
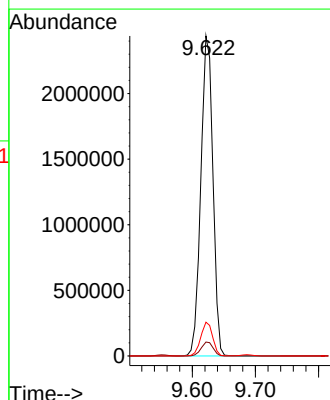
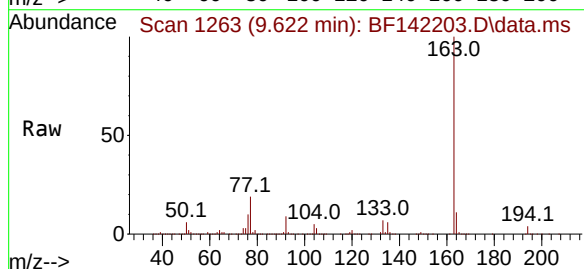
Delta R.T. -0.000 min

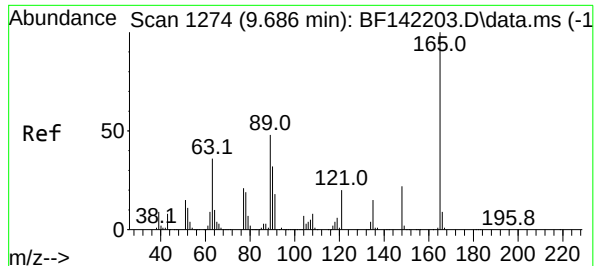
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:163 Resp: 3239810

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.5	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 40.469 ng

RT: 9.686 min Scan# 1274

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

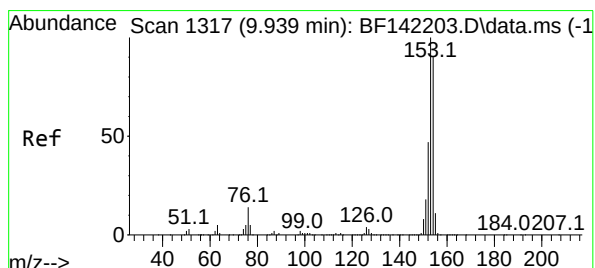
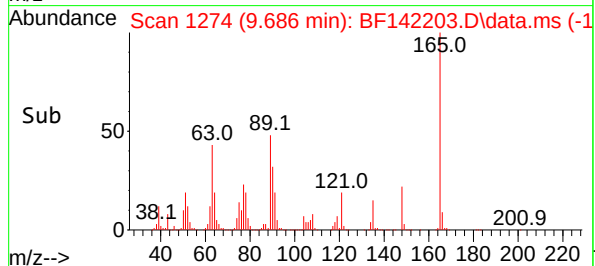
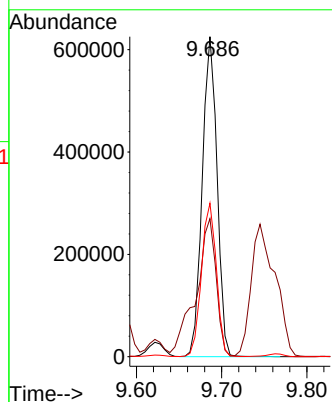
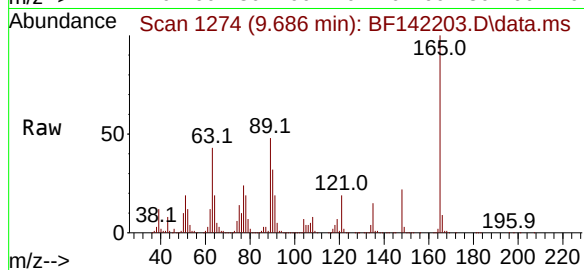
Tgt Ion:165 Resp: 754757

Ion Ratio Lower Upper

165 100

63 43.1 35.4 53.2

89 48.0 38.6 58.0



#52

Acenaphthene

Concen: 38.786 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

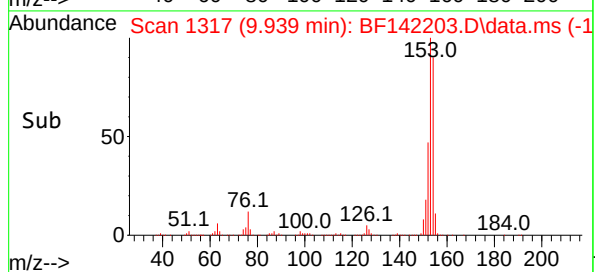
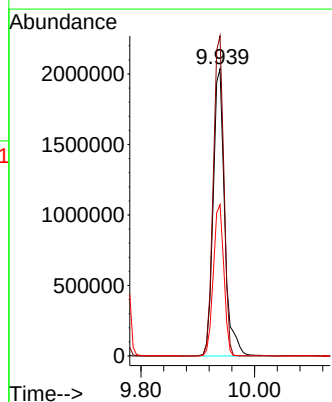
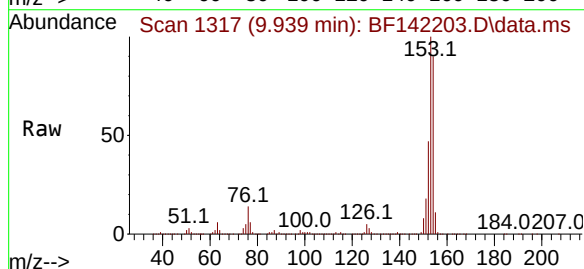
Tgt Ion:154 Resp: 2848926

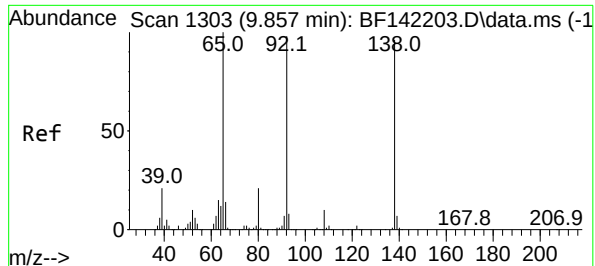
Ion Ratio Lower Upper

154 100

153 111.5 89.0 133.4

152 52.7 41.8 62.8

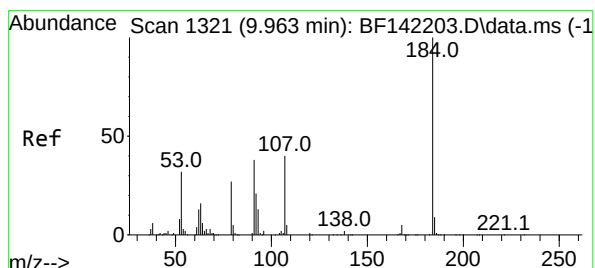
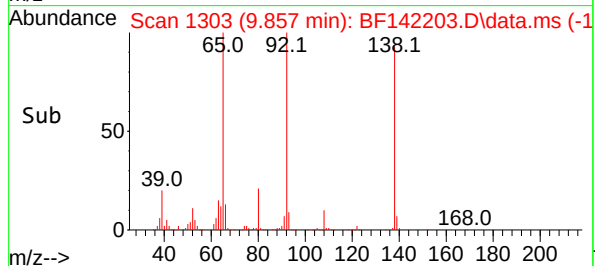
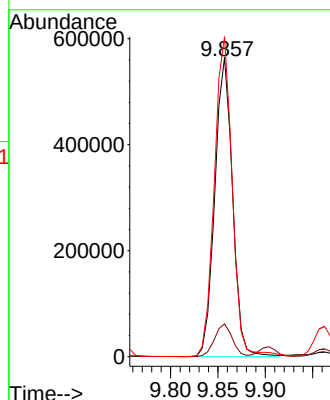
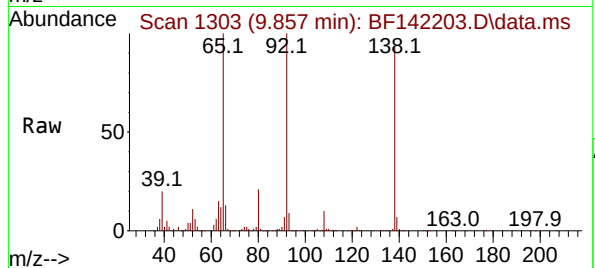




#53
3-Nitroaniline
Concen: 41.200 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

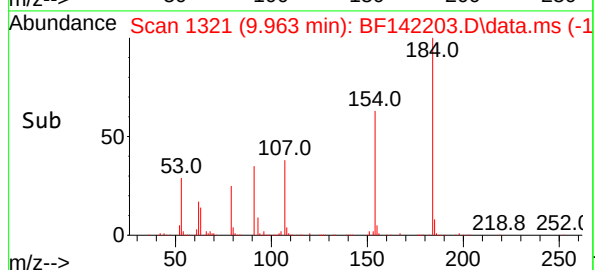
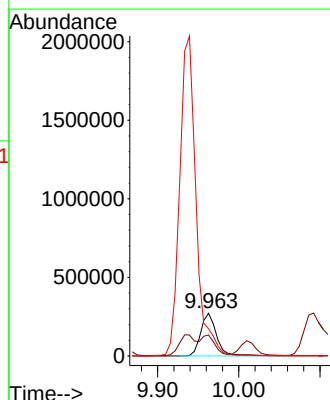
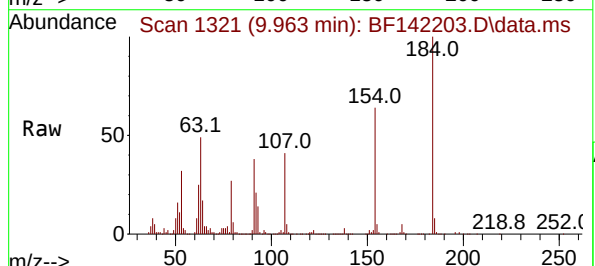
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

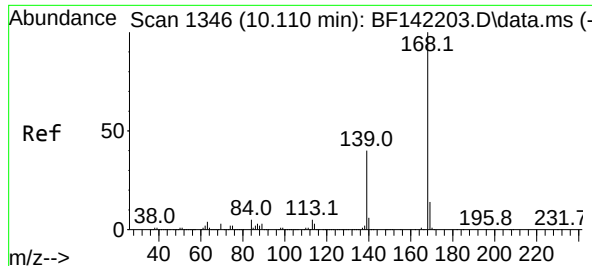
Tgt Ion:138 Resp: 736247
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 107.0 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 40.510 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:184 Resp: 370041
Ion Ratio Lower Upper
184 100
63 49.0 39.0 58.4
154 63.6 52.2 78.4

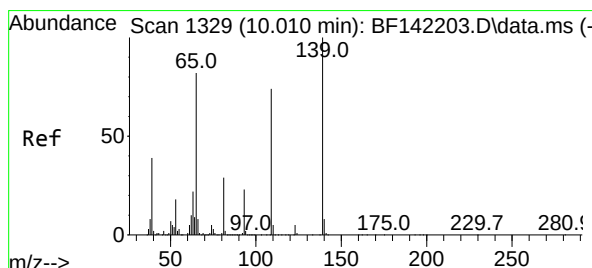
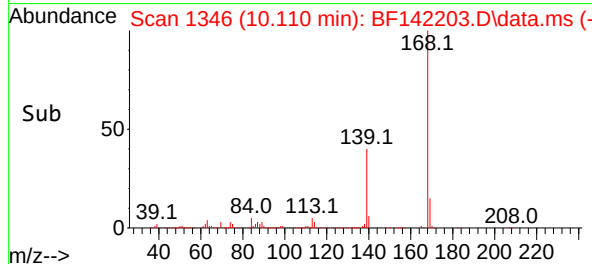
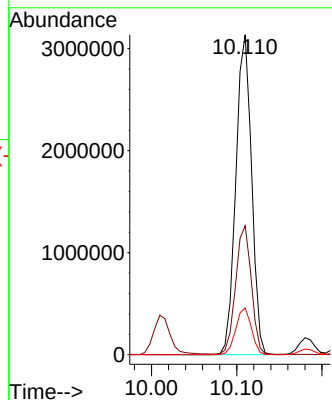
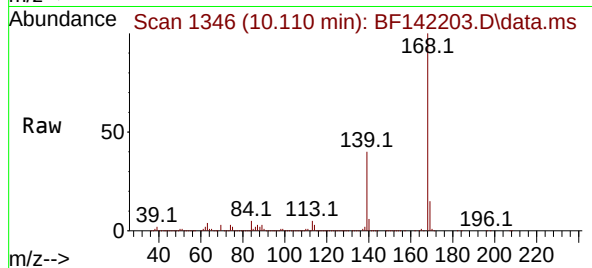




#55
Dibenzofuran
Concen: 39.022 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

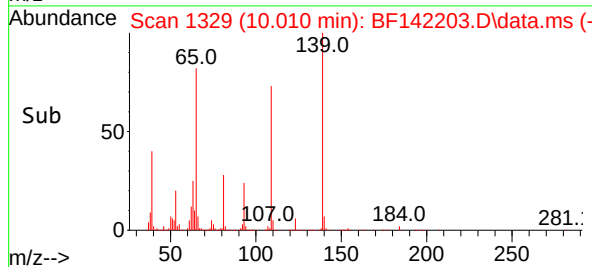
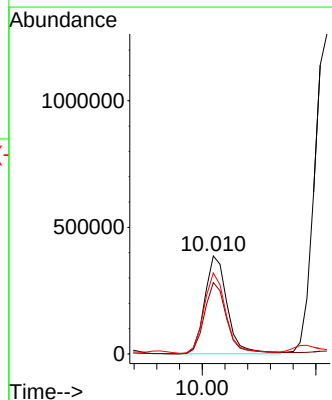
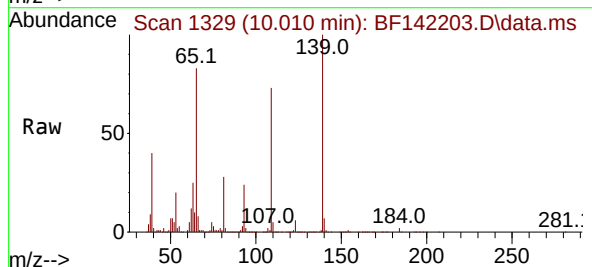
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

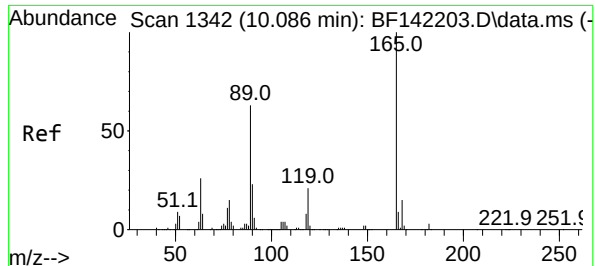
Tgt Ion:168 Resp: 4018334
Ion Ratio Lower Upper
168 100
139 40.3 32.3 48.5
169 14.7 11.4 17.0



#56
4-Nitrophenol
Concen: 40.619 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:139 Resp: 530978
Ion Ratio Lower Upper
139 100
109 72.9 54.1 94.1
65 82.6 62.1 102.1

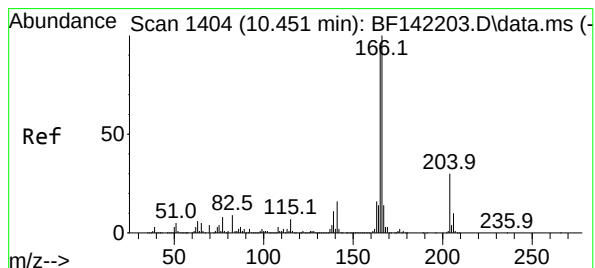
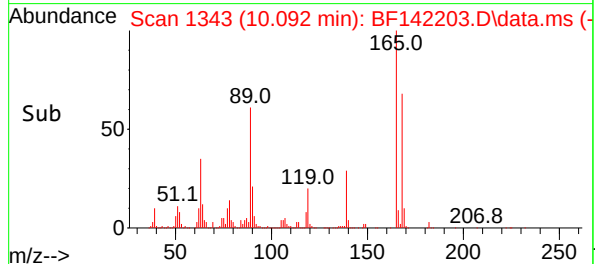
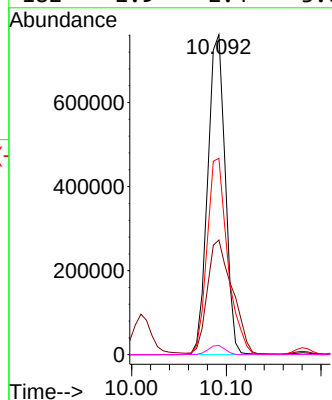
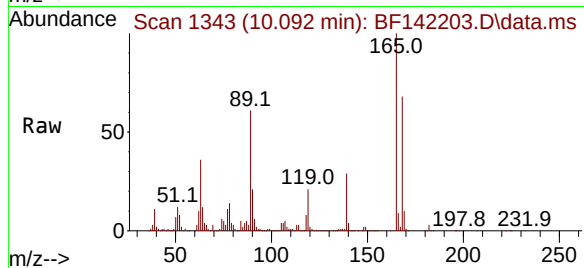




#57
2,4-Dinitrotoluene
Concen: 40.492 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

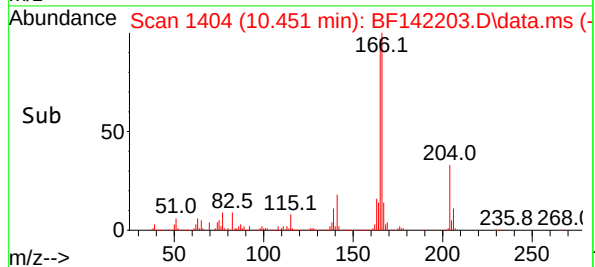
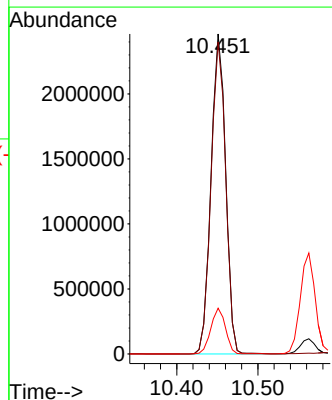
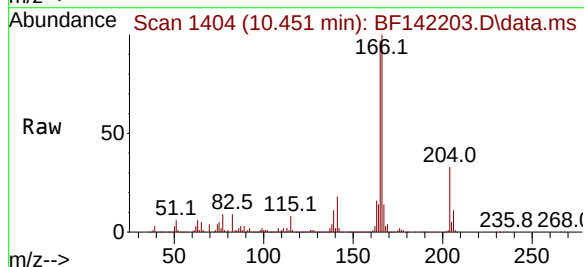
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

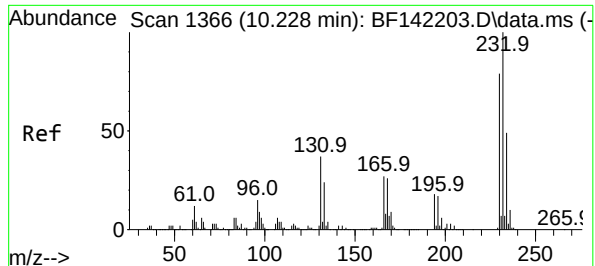
Tgt Ion:165 Resp: 975394
Ion Ratio Lower Upper
165 100
63 35.8 29.0 43.6
89 61.4 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 38.617 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:166 Resp: 3076168
Ion Ratio Lower Upper
166 100
165 97.5 77.1 115.7
167 14.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.171 ng

RT: 10.227 min Scan# 1366

Delta R.T. -0.000 min

Lab File: BF142203.D

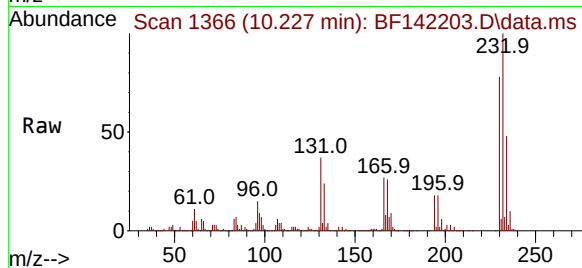
Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:232 Resp: 952752

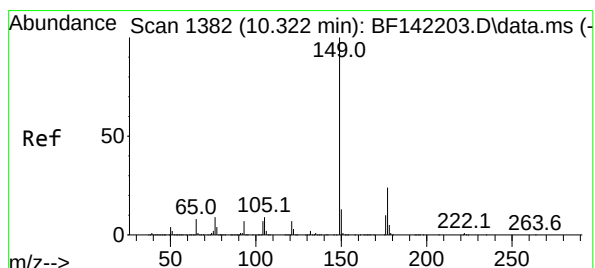
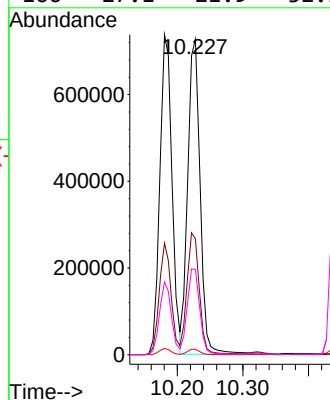
Ion Ratio Lower Upper

232 100

131 38.4 31.9 47.9

130 1.8 1.6 2.4

166 27.1 21.9 32.9



#60

Diethylphthalate

Concen: 39.668 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

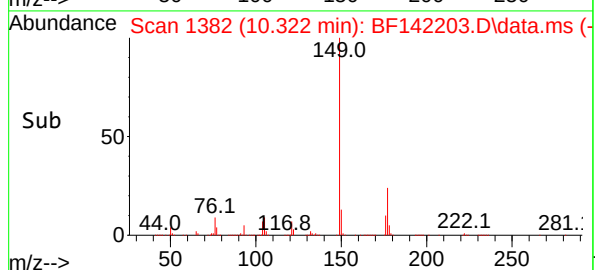
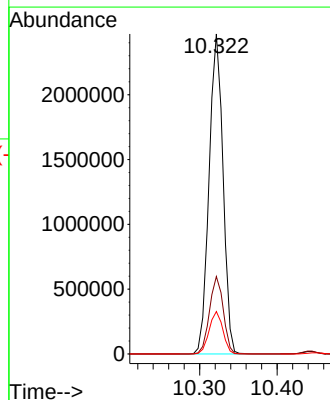
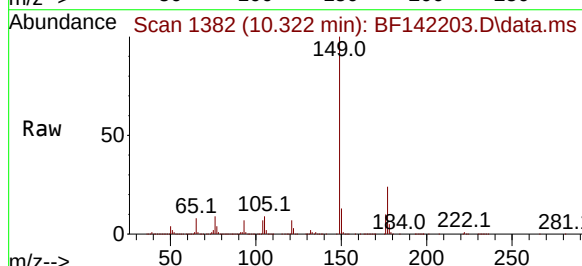
Tgt Ion:149 Resp: 3077037

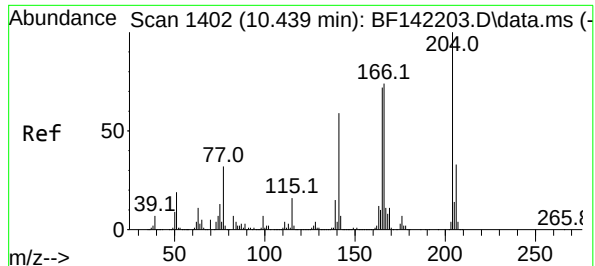
Ion Ratio Lower Upper

149 100

177 24.2 19.6 29.4

150 13.3 10.6 15.8

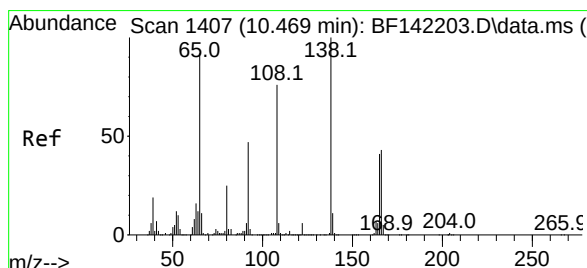
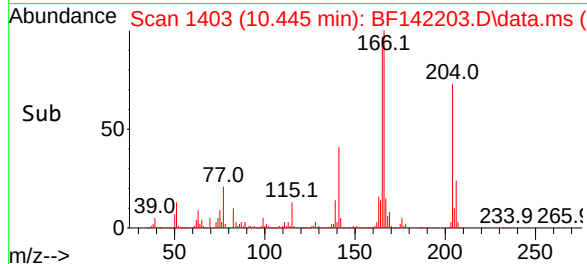
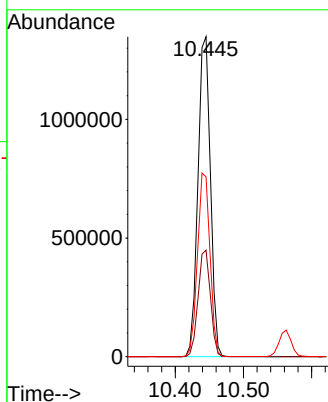
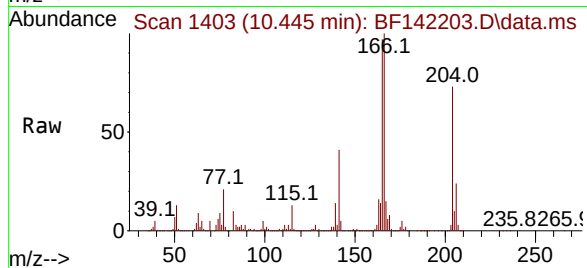




#61
4-Chlorophenyl-phenylether
Concen: 39.076 ng
RT: 10.445 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

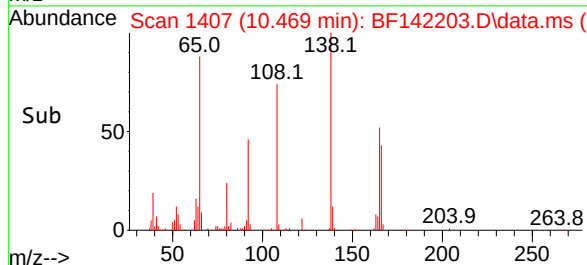
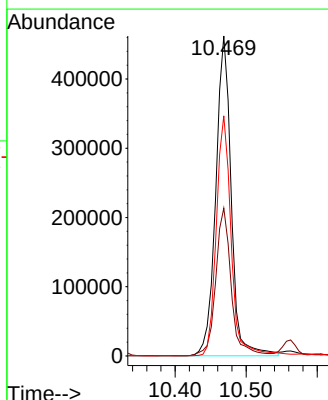
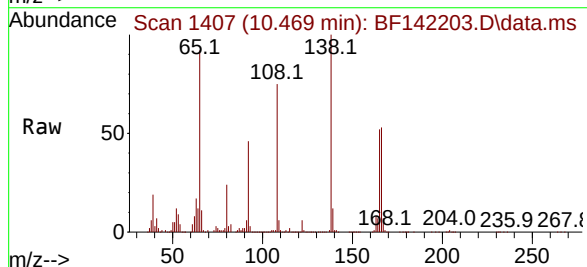
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

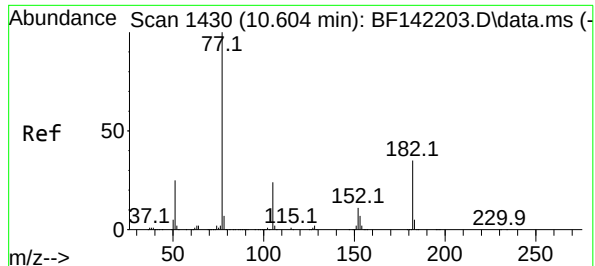
Tgt Ion:204 Resp: 1713906
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 56.2 47.0 70.6



#62
4-Nitroaniline
Concen: 40.998 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:138 Resp: 696382
Ion Ratio Lower Upper
138 100
92 46.2 26.7 66.7
108 75.1 56.5 96.5

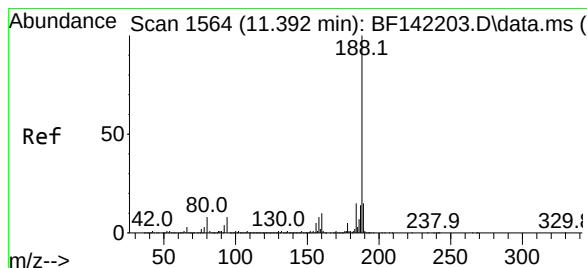
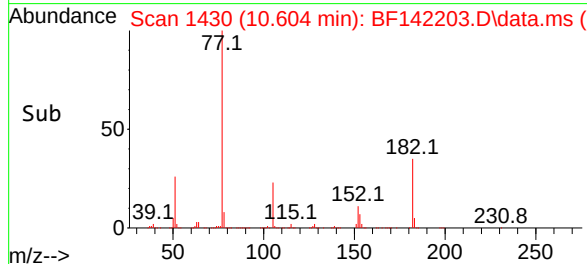
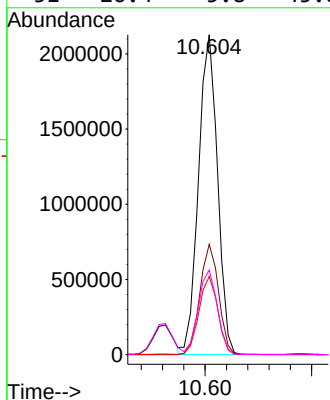
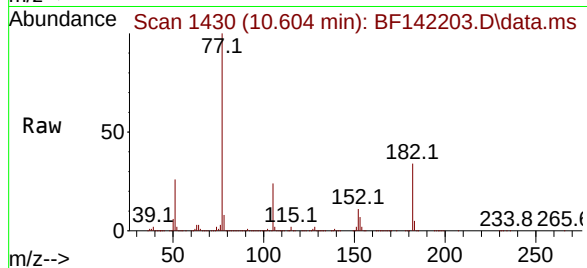




#63
Azobenzene
Concen: 39.045 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

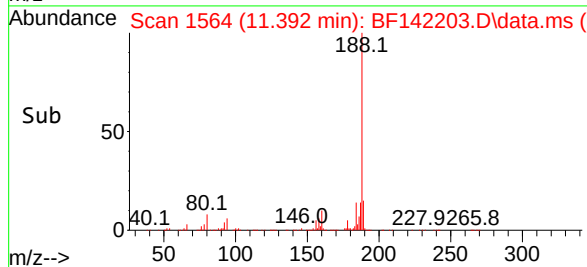
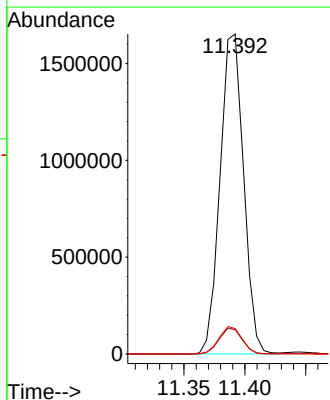
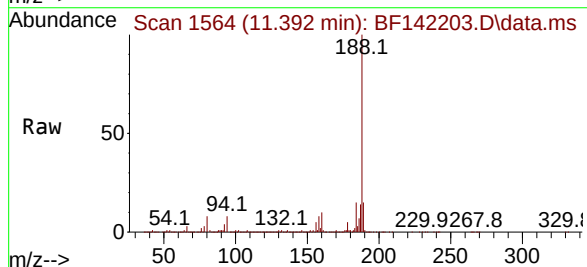
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

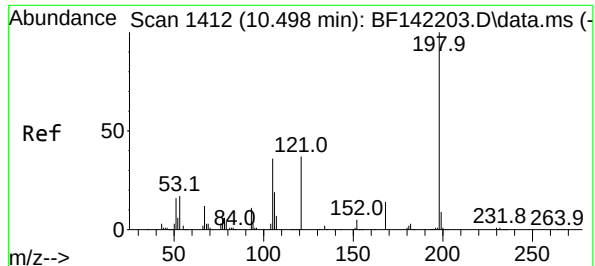
Tgt Ion: 77 Resp: 2637253
Ion Ratio Lower Upper
77 100
182 34.5 14.8 54.8
105 24.5 4.0 44.0
51 26.4 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 188 Resp: 2221523
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.0 6.7 10.1

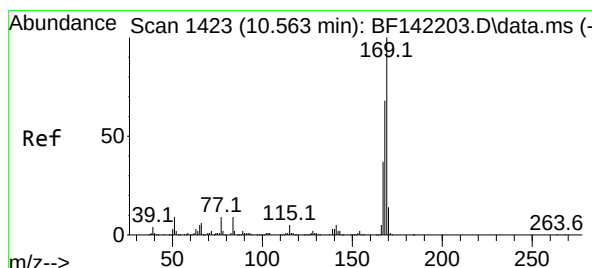
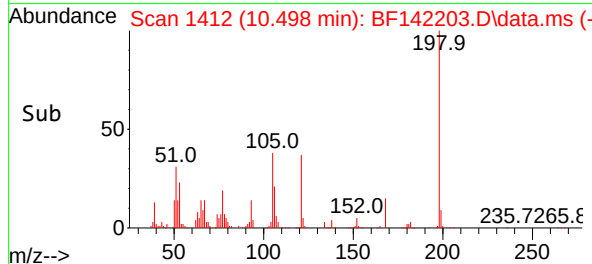
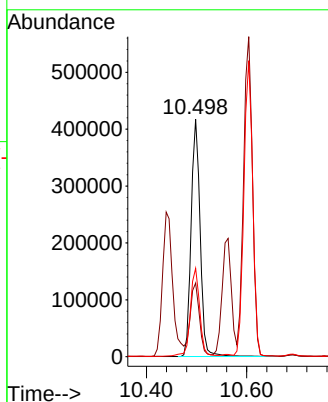
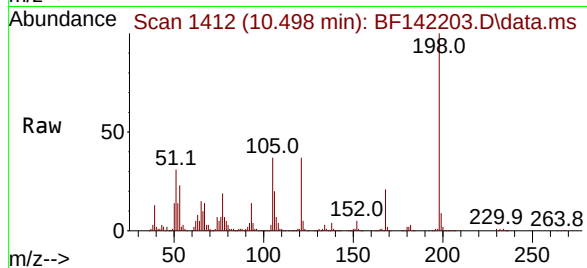




#65
4,6-Dinitro-2-methylphenol
Concen: 40.225 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

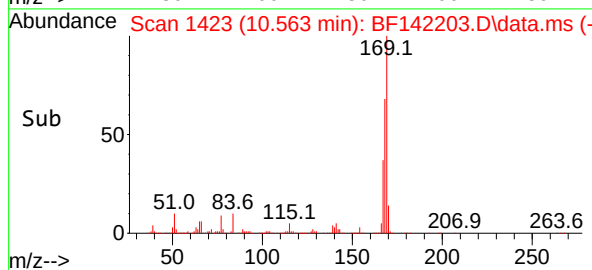
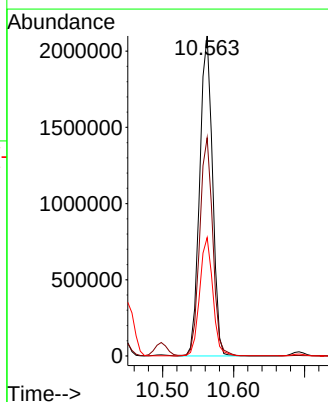
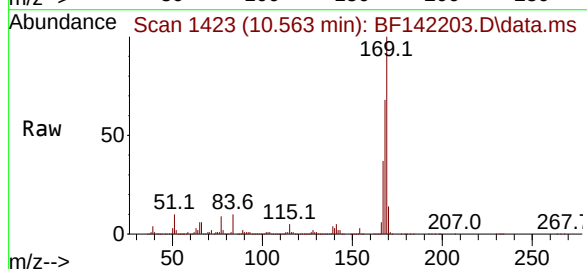
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

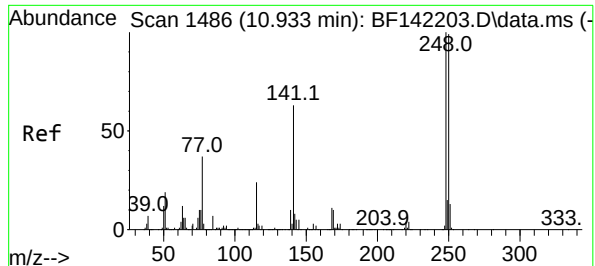
Tgt Ion:198 Resp: 521613
Ion Ratio Lower Upper
198 100
51 31.0 10.2 50.2
105 37.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 38.777 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:169 Resp: 2640166
Ion Ratio Lower Upper
169 100
168 68.2 54.2 81.2
167 37.0 29.4 44.2

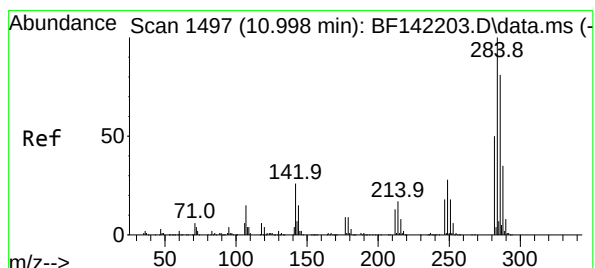
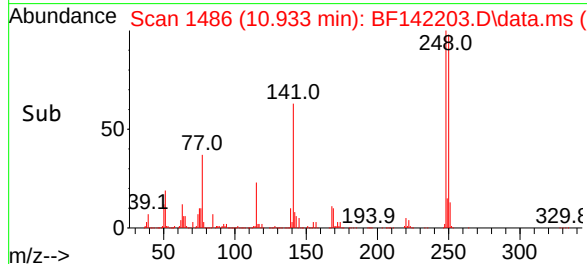
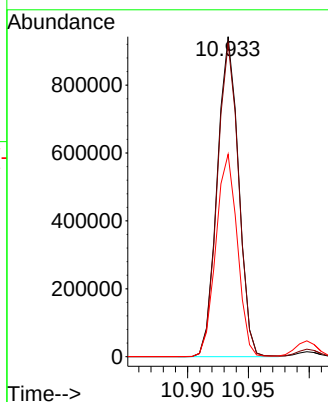
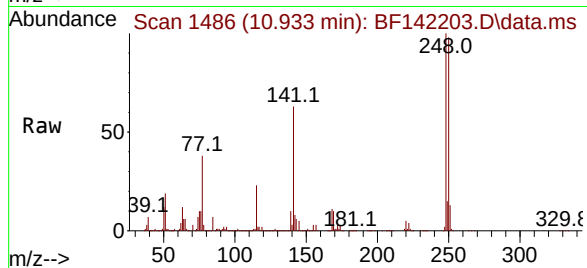




#67
4-Bromophenyl-phenylether
Concen: 39.449 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

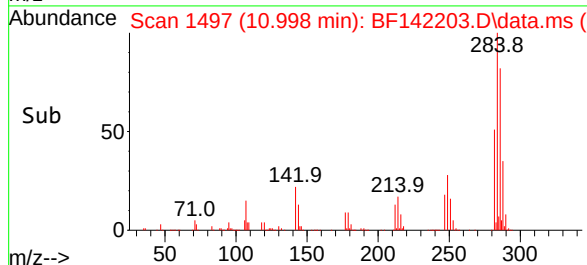
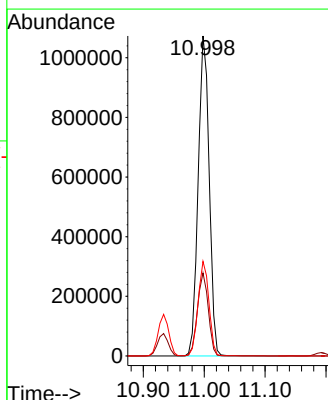
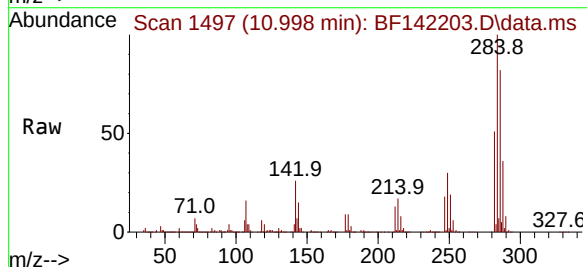
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

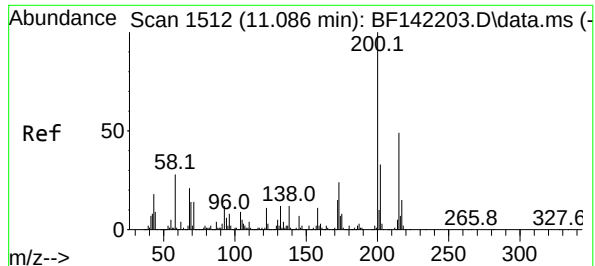
Tgt Ion:248 Resp: 1152524
Ion Ratio Lower Upper
248 100
250 98.0 78.8 118.2
141 63.3 50.6 75.8



#68
Hexachlorobenzene
Concen: 38.818 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:284 Resp: 1349597
Ion Ratio Lower Upper
284 100
142 26.0 20.7 31.1
249 29.5 22.8 34.2

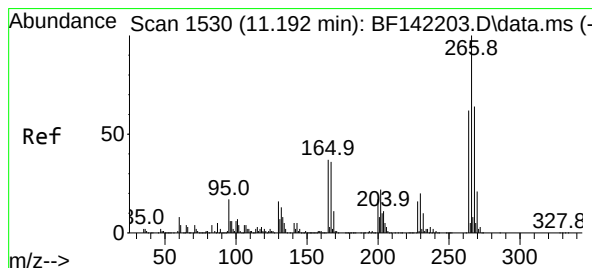
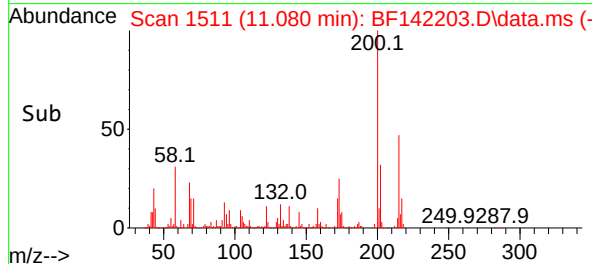
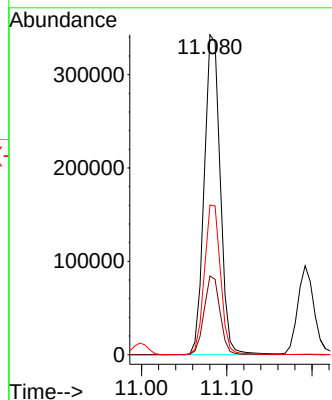
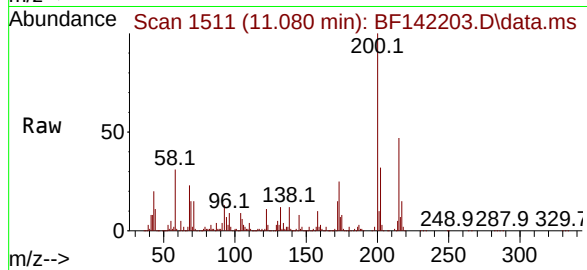




#69
Atrazine
Concen: 26.979 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

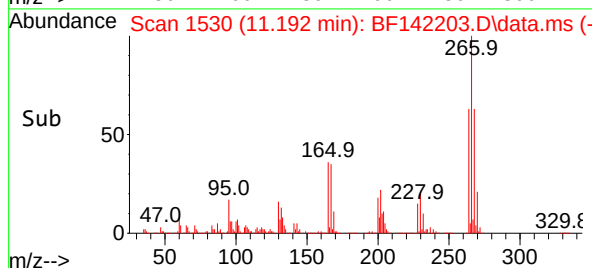
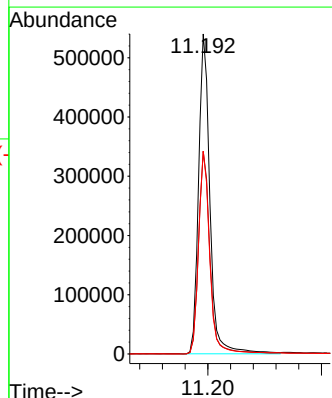
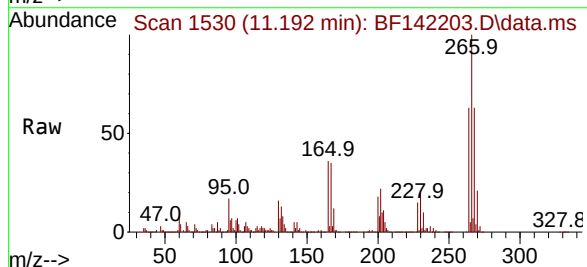
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

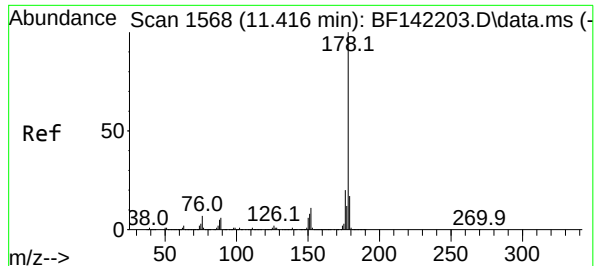
Tgt Ion:200 Resp: 448269
Ion Ratio Lower Upper
200 100
173 24.6 4.4 44.4
215 46.8 28.6 68.6



#70
Pentachlorophenol
Concen: 42.413 ng
RT: 11.192 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:266 Resp: 752259
Ion Ratio Lower Upper
266 100
268 63.4 50.9 76.3
264 63.4 49.4 74.2

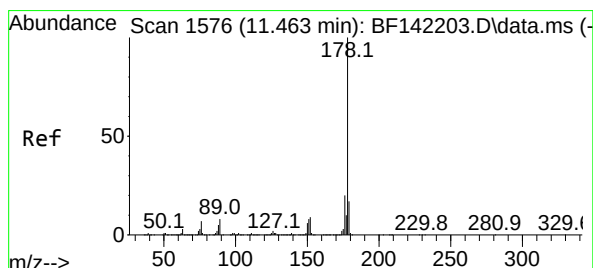
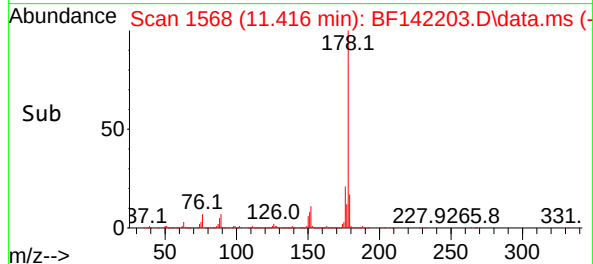
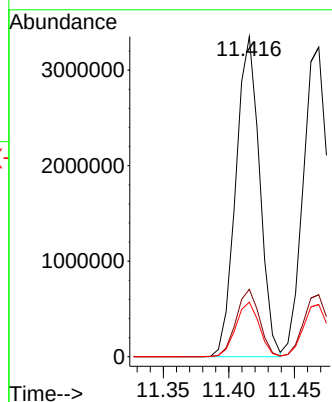
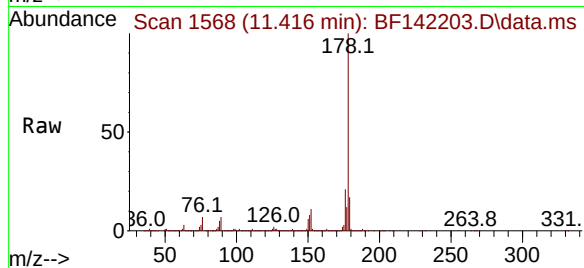




#71
Phenanthrene
Concen: 38.345 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

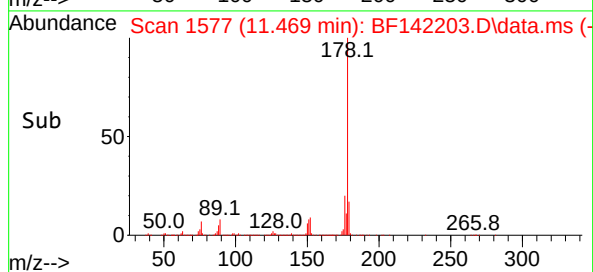
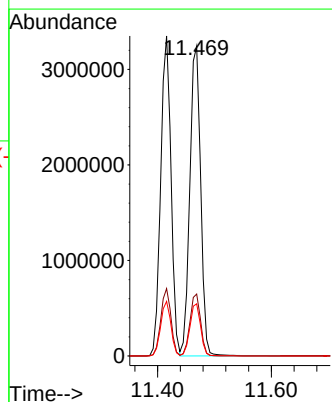
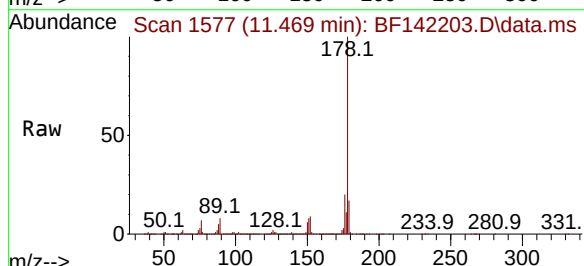
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

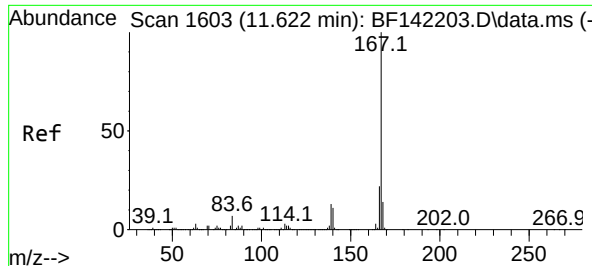
Tgt Ion:178 Resp: 4230167
Ion Ratio Lower Upper
178 100
176 21.0 16.3 24.5
179 17.0 13.3 19.9



#72
Anthracene
Concen: 38.932 ng
RT: 11.469 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:178 Resp: 4294384
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.9 13.4 20.0

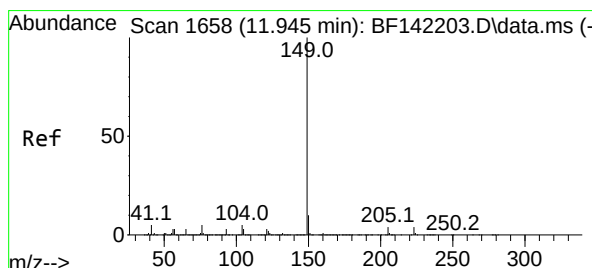
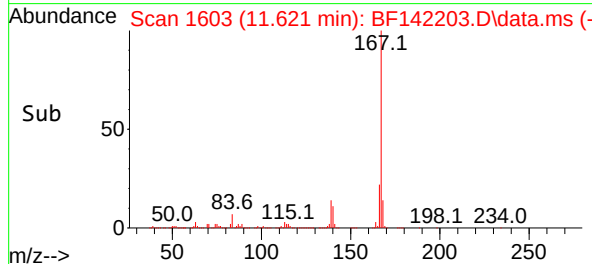
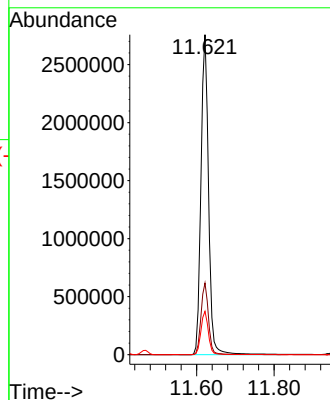
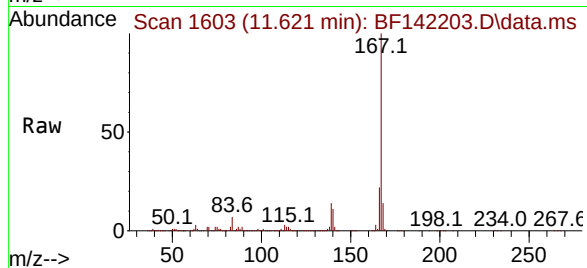




#73
Carbazole
Concen: 38.919 ng
RT: 11.621 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

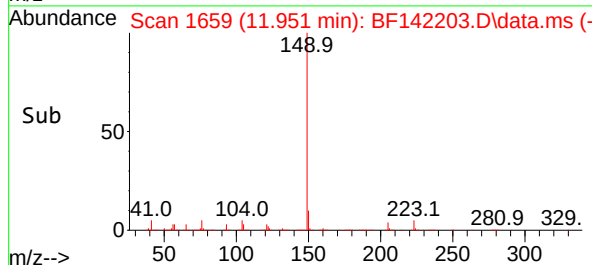
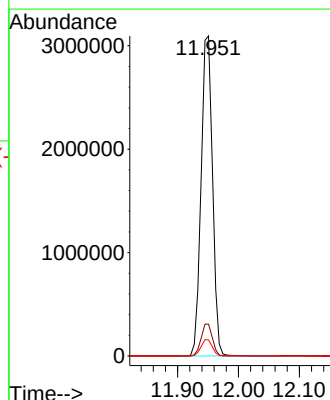
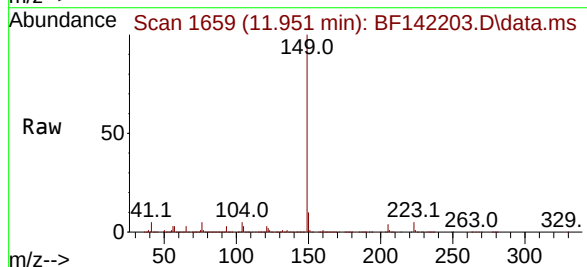
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

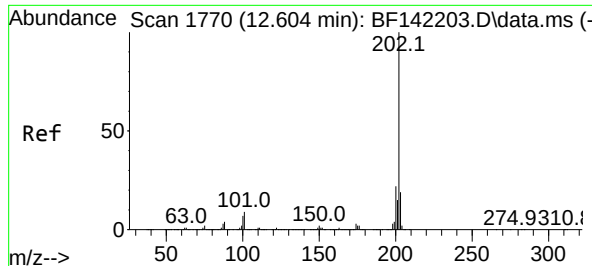
Tgt Ion:167 Resp: 3750464
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.2
139 13.5 10.7 16.1



#74
Di-n-butylphthalate
Concen: 40.487 ng
RT: 11.951 min Scan# 1659
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:149 Resp: 4038212
Ion Ratio Lower Upper
149 100
150 10.0 7.9 11.9
104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 38.407 ng

RT: 12.604 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

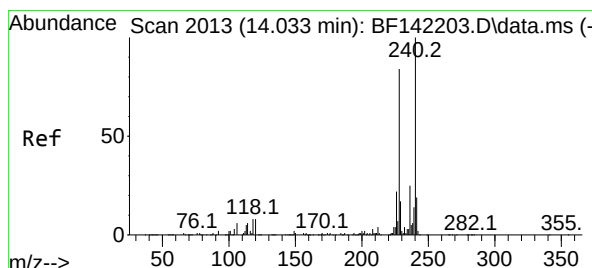
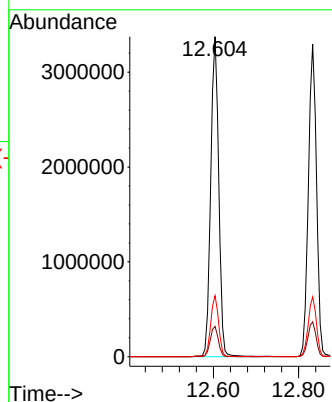
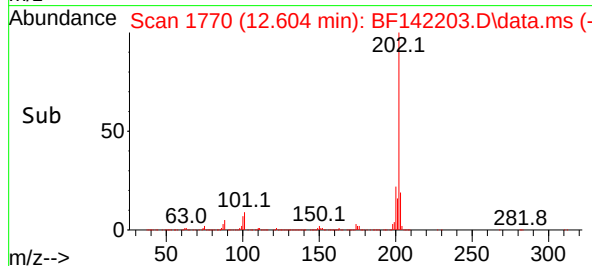
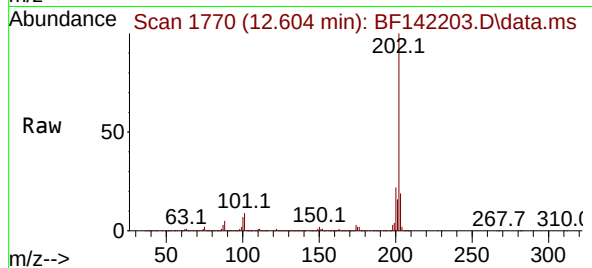
Tgt Ion:202 Resp: 4404230

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 19.0 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

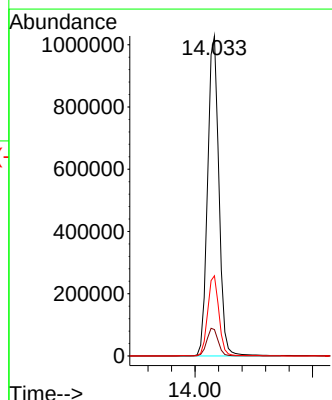
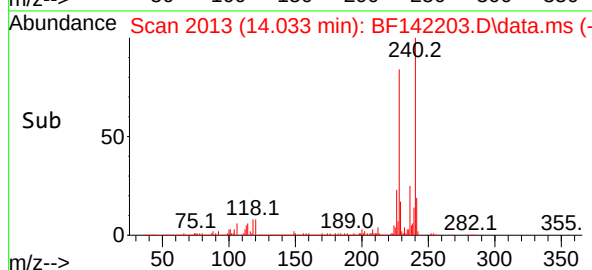
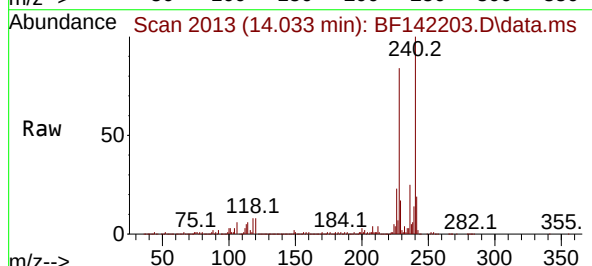
Tgt Ion:240 Resp: 1374564

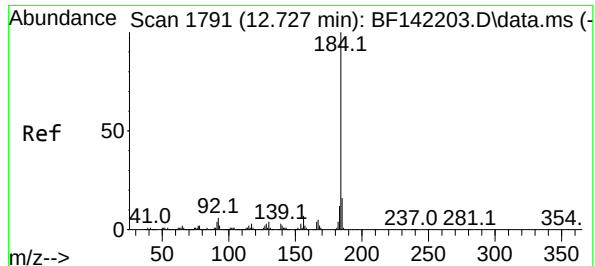
Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

236 25.0 20.2 30.2

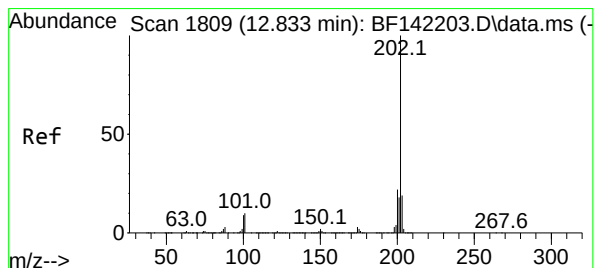
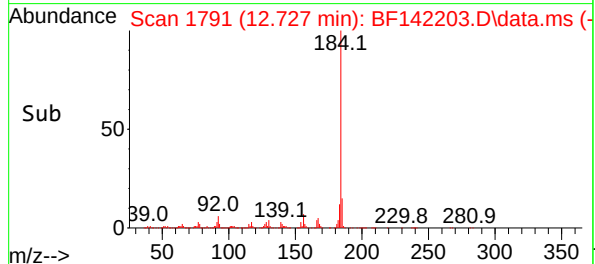
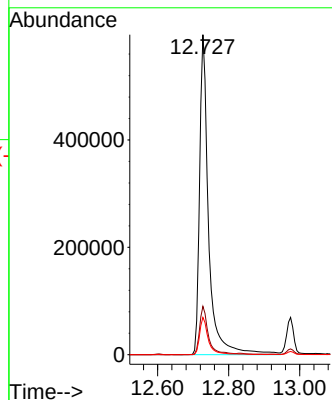
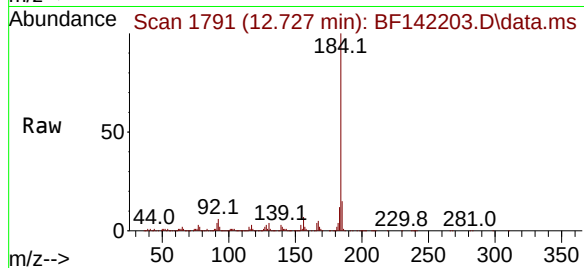




#77
Benzidine
Concen: 59.729 ng
RT: 12.727 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

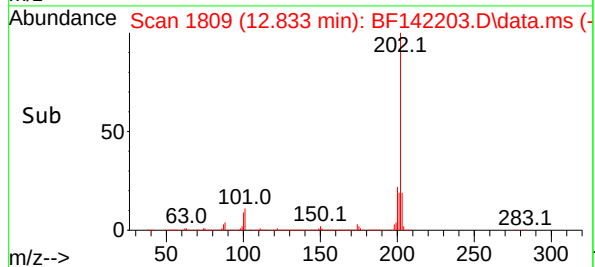
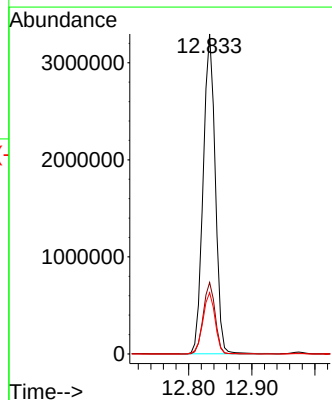
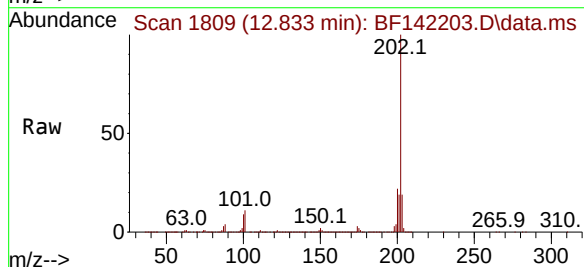
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

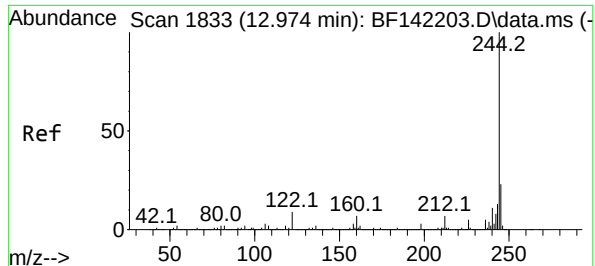
Tgt Ion:184 Resp: 1059498
Ion Ratio Lower Upper
184 100
185 15.1 13.0 19.6
183 11.6 9.6 14.4



#78
Pyrene
Concen: 40.097 ng
RT: 12.833 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:202 Resp: 4377433
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 19.1 14.8 22.2

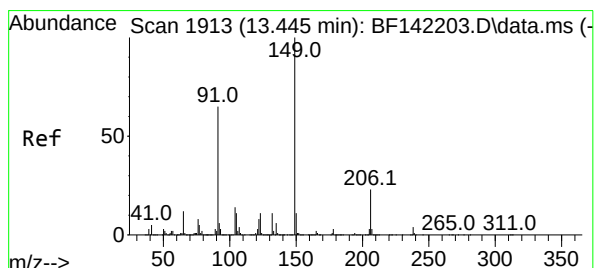
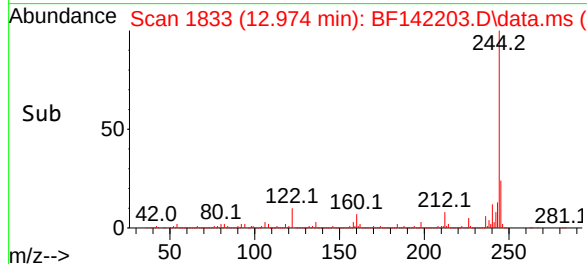
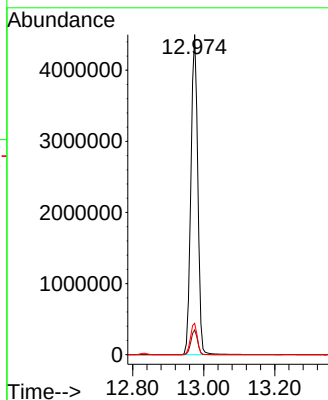
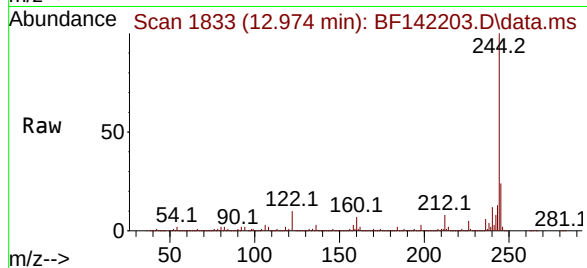




#79
Terphenyl-d14
Concen: 74.083 ng
RT: 12.974 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

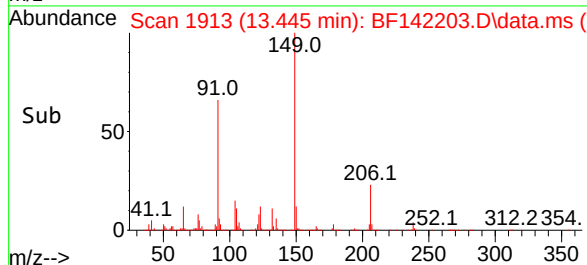
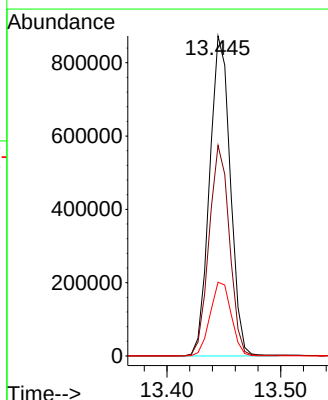
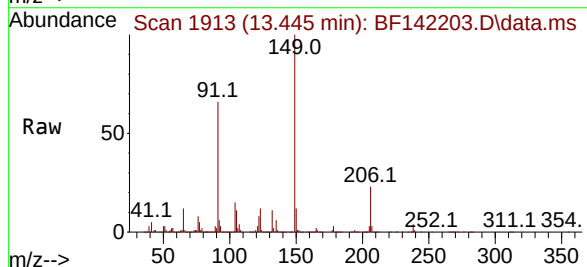
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

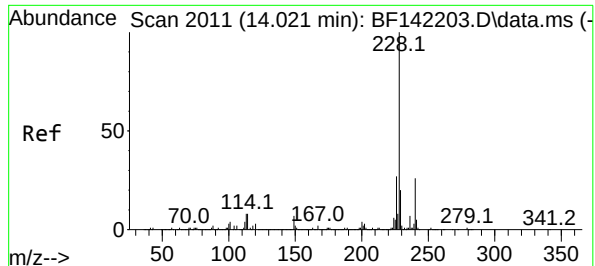
Tgt Ion:244 Resp: 6078399
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.8 7.3 10.9



#80
Butylbenzylphthalate
Concen: 41.827 ng
RT: 13.445 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:149 Resp: 1105260
Ion Ratio Lower Upper
149 100
91 65.8 51.8 77.8
206 23.1 18.2 27.4





#81

Benzo(a)anthracene

Concen: 39.848 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

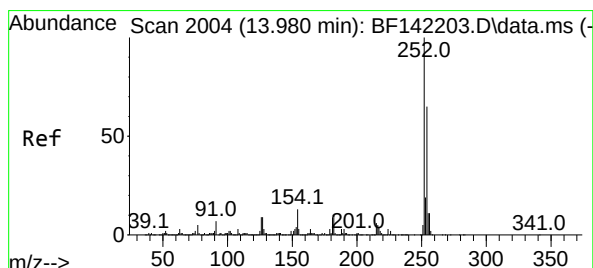
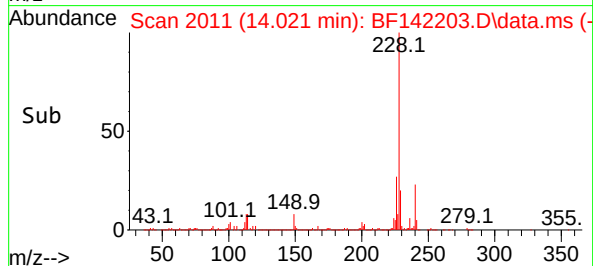
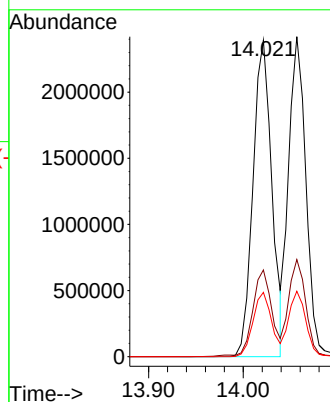
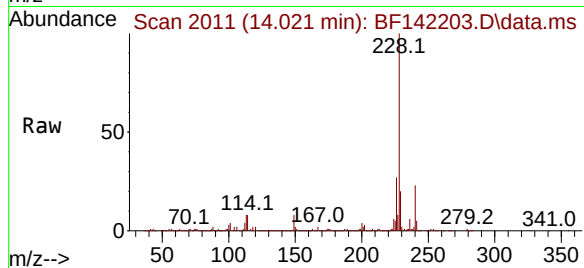
Tgt Ion:228 Resp: 3317529

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.002 ng

RT: 13.980 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

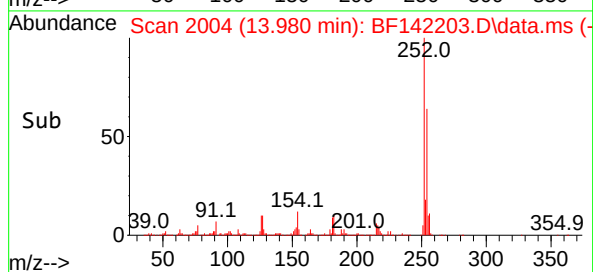
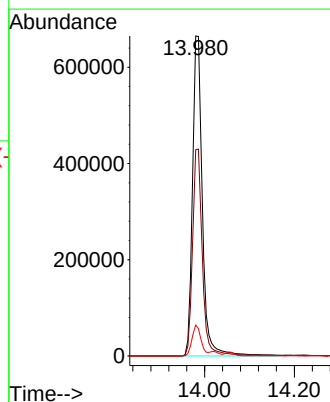
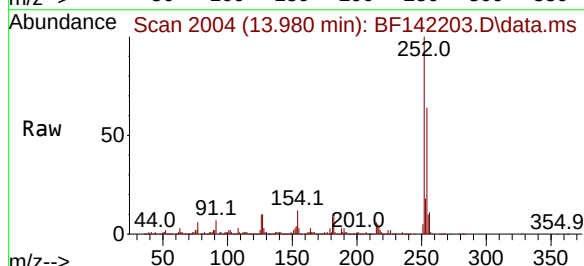
Tgt Ion:252 Resp: 1016522

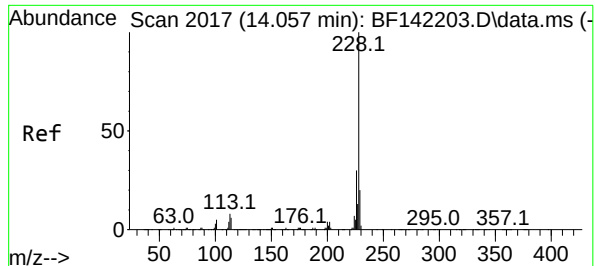
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 9.6 7.4 11.0

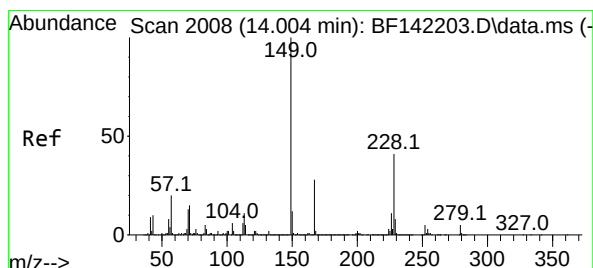
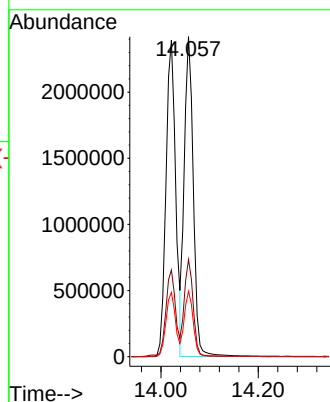
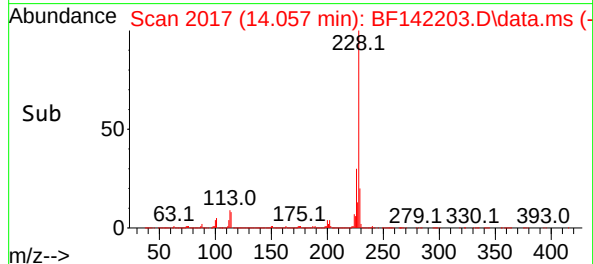
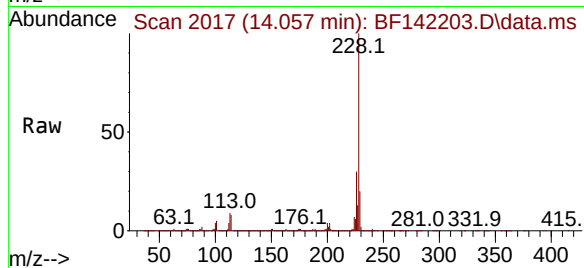




#83
Chrysene
Concen: 38.844 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

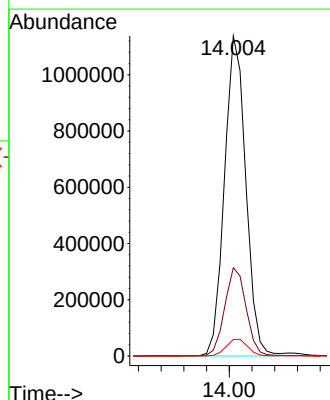
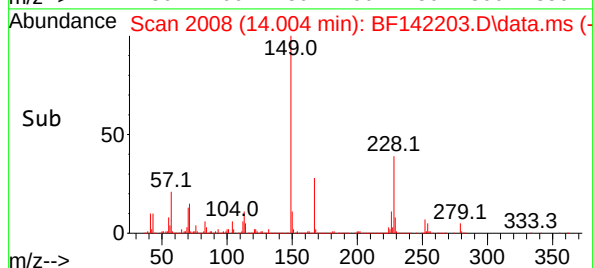
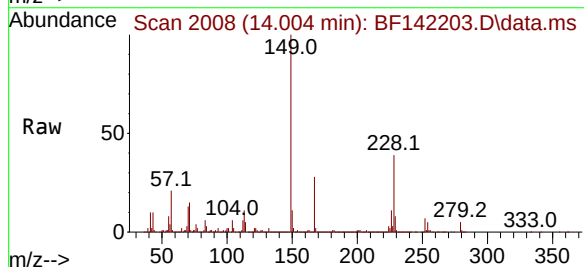
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

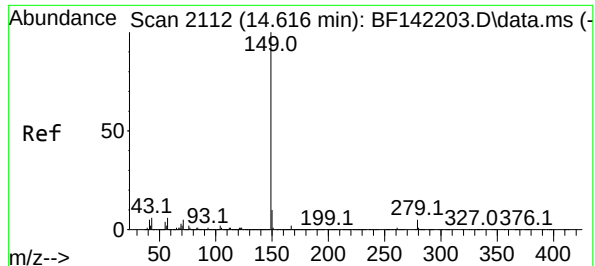
Tgt Ion:228 Resp: 3115824
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.4 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.938 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:149 Resp: 1482517
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 5.2 4.2 6.2

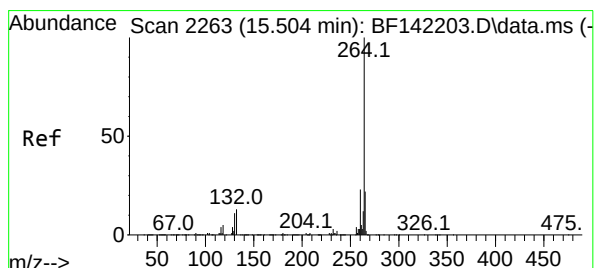
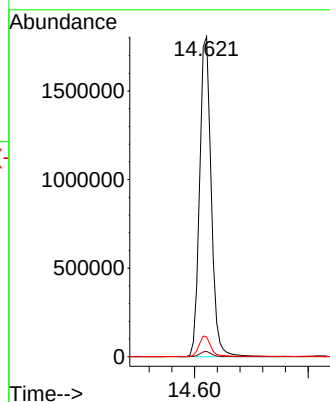
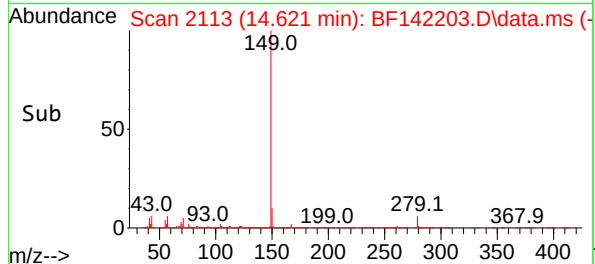
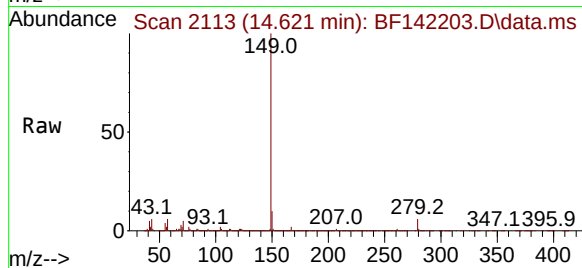




#85
Di-n-octyl phthalate
Concen: 40.992 ng
RT: 14.621 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

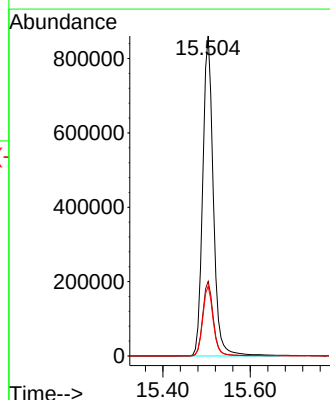
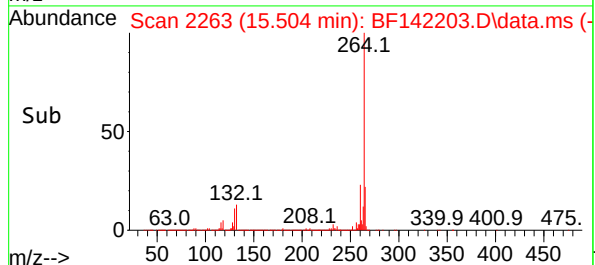
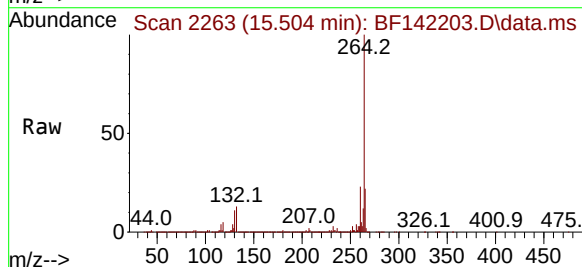
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

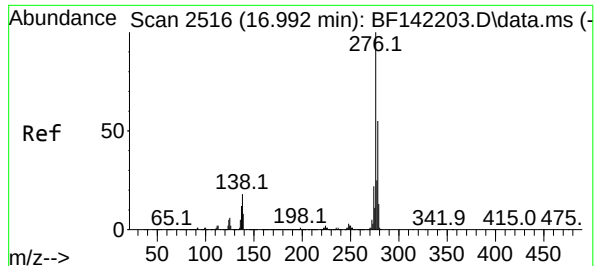
Tgt Ion:149 Resp: 2566555
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.7 5.3 7.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:264 Resp: 1455182
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 16.9 25.3

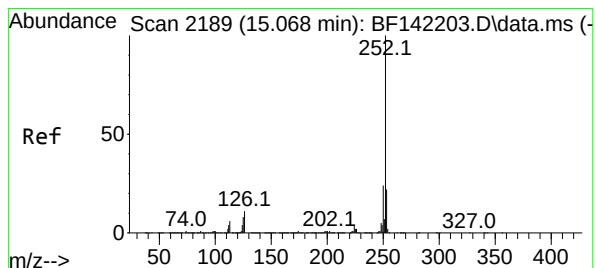
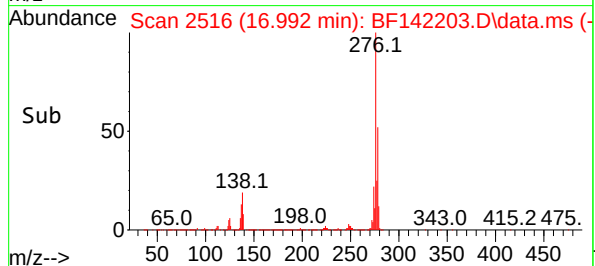
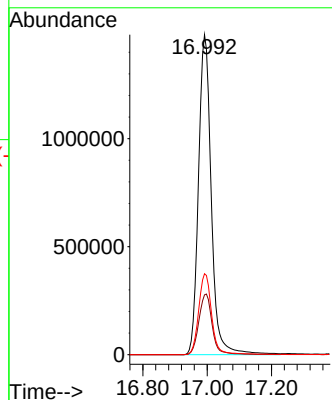
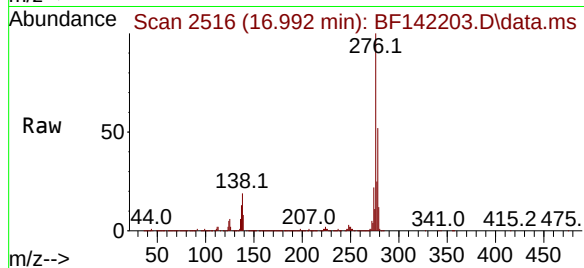




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.054 ng
RT: 16.992 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

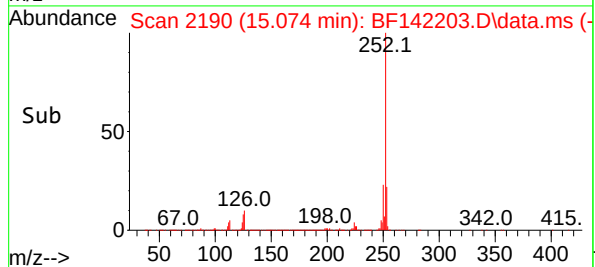
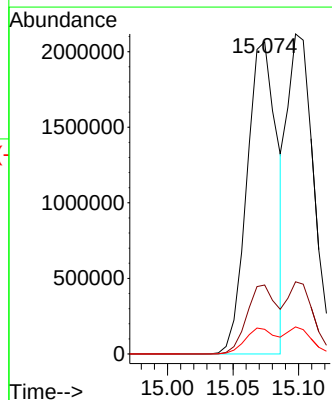
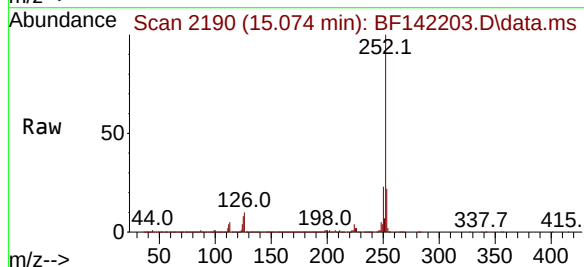
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

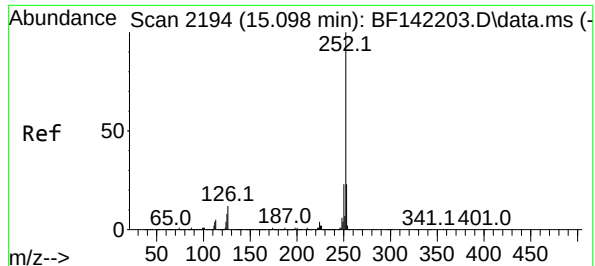
Tgt Ion:276 Resp: 4089436
Ion Ratio Lower Upper
276 100
138 19.7 15.1 22.7
277 25.8 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 40.441 ng
RT: 15.074 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:252 Resp: 3301583
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 7.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 38.037 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

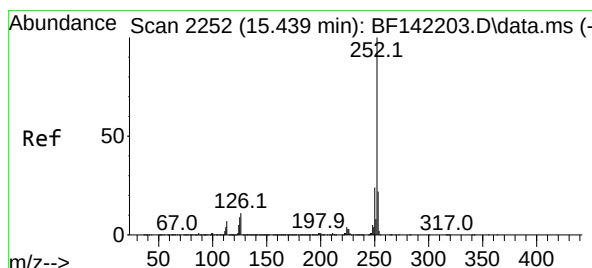
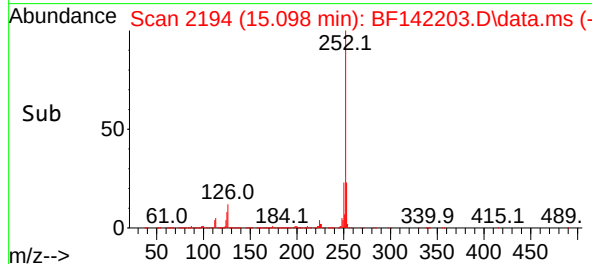
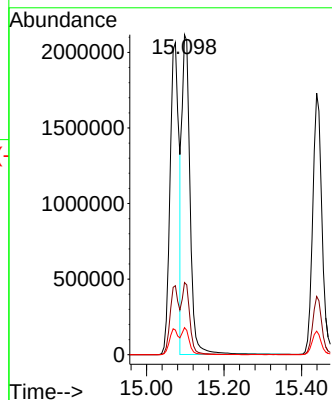
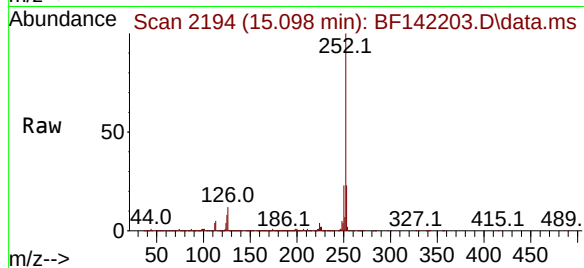
Tgt Ion:252 Resp: 3071257

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 8.5 6.6 10.0



#90

Benzo(a)pyrene

Concen: 39.440 ng

RT: 15.439 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

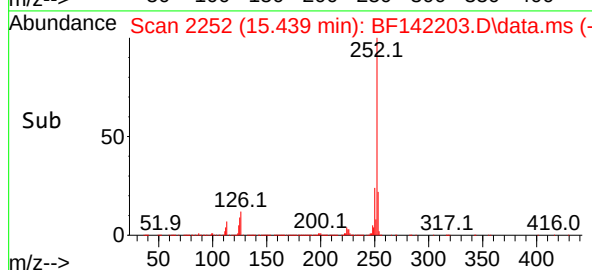
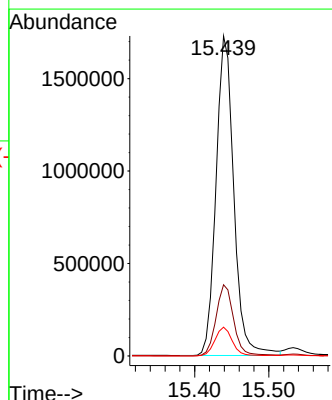
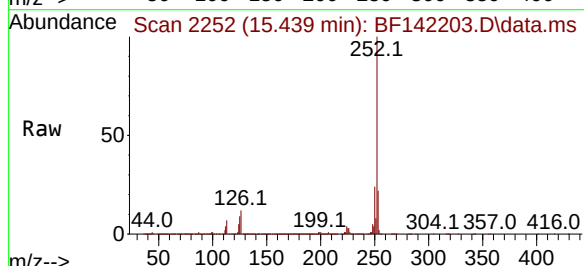
Tgt Ion:252 Resp: 2881593

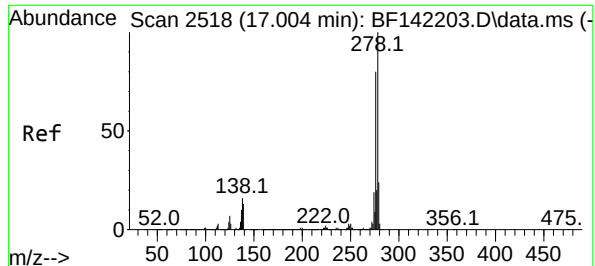
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.0 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 40.669 ng

RT: 17.009 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

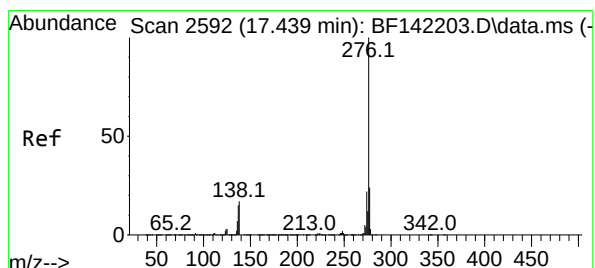
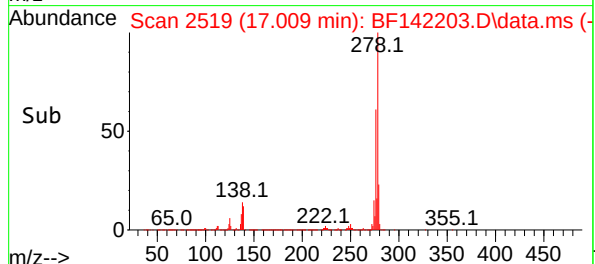
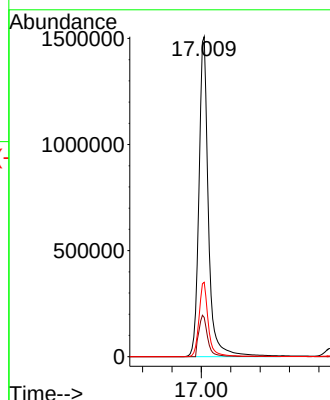
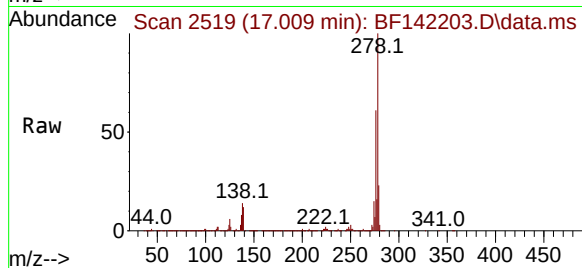
Tgt Ion:278 Resp: 3387132

Ion Ratio Lower Upper

278 100

139 12.3 10.2 15.4

279 23.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 40.371 ng

RT: 17.439 min Scan# 2592

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

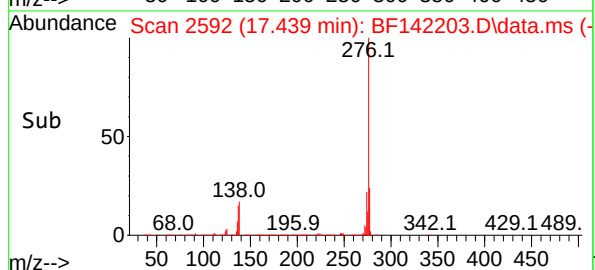
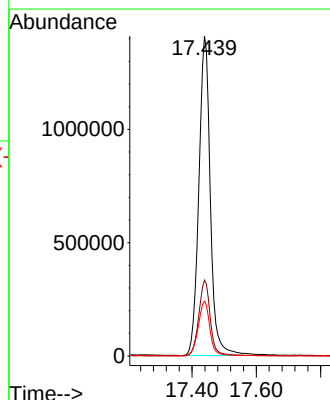
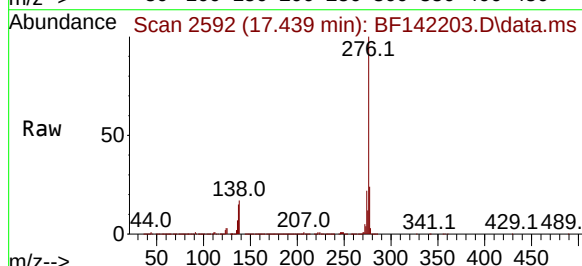
Tgt Ion:276 Resp: 3502048

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 17.1 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142204.D
 Acq On : 21 Apr 2025 13:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 22 02:03:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	609907	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2232349	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1277505	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2180134	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1377336	20.000	ng	0.00
86) Perylene-d12	15.504	264	1484280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3182296	97.823	ng	0.00
7) Phenol-d6	6.492	99	3942648	96.775	ng	0.00
23) Nitrobenzene-d5	7.434	82	3442608	96.851	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1790366	102.501	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	6474295	82.604	ng	0.00
79) Terphenyl-d14	12.974	244	6992233	85.049	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	636632	48.212	ng	97
3) Pyridine	3.375	79	1436565	50.122	ng	98
4) n-Nitrosodimethylamine	3.328	42	601536	51.689	ng	94
6) Aniline	6.528	93	1740733	46.274	ng	98
8) 2-Chlorophenol	6.651	128	1823018	48.957	ng	99
9) Benzaldehyde	6.416	77	1043083	46.633	ng	99
10) Phenol	6.510	94	2092683	48.700	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	1590849	49.092	ng	98
12) 1,3-Dichlorobenzene	6.804	146	2037607	48.288	ng	99
13) 1,4-Dichlorobenzene	6.881	146	2067930	47.782	ng	99
14) 1,2-Dichlorobenzene	7.039	146	1917794	47.633	ng	99
15) Benzyl Alcohol	7.004	79	1496999	50.395	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1542179	49.099	ng	100
17) 2-Methylphenol	7.116	107	1383290	49.358	ng	99
18) Hexachloroethane	7.375	117	712490	48.461	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	1100118	47.752	ng	99
20) 3+4-Methylphenols	7.269	107	1707743	48.995	ng	95
22) Acetophenone	7.275	105	2326644	47.482	ng	97
24) Nitrobenzene	7.451	77	1732454	49.197	ng	98
25) Isophorone	7.686	82	2914438	48.845	ng	100
26) 2-Nitrophenol	7.763	139	972175	52.520	ng	99
27) 2,4-Dimethylphenol	7.798	122	1228070	51.024	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1920423	49.040	ng	99
29) 2,4-Dichlorophenol	8.004	162	1652054	50.469	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	1860606	48.605	ng	100
31) Naphthalene	8.169	128	4921869	46.673	ng	98
32) Benzoic acid	7.928	122	1106070	49.472	ng	99
33) 4-Chloroaniline	8.222	127	1851815	48.498	ng	99
34) Hexachlorobutadiene	8.286	225	1216090	48.139	ng	98
35) Caprolactam	8.592	113	462448	52.958	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	1628612	49.425	ng	97
37) 2-Methylnaphthalene	8.857	142	3512806	48.200	ng	99
38) 1-Methylnaphthalene	8.957	142	3373357	47.805	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	1991650	47.647	ng	99
41) Hexachlorocyclopentadiene	9.010	237	689973	53.830	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	1241715	50.882	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142204.D
 Acq On : 21 Apr 2025 13:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

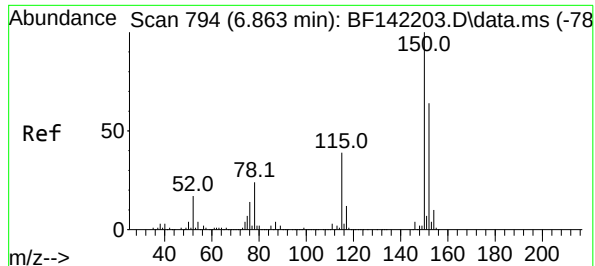
Quant Time: Apr 22 02:03:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	1323919	50.613	ng	100
46) 1,1'-Biphenyl	9.322	154	4230784	46.184	ng	98
47) 2-Chloronaphthalene	9.351	162	3340875	46.985	ng	99
48) 2-Nitroaniline	9.445	65	847744	50.862	ng	99
49) Acenaphthylene	9.763	152	4707382	46.837	ng	98
50) Dimethylphthalate	9.627	163	3889305	47.483	ng	100
51) 2,6-Dinitrotoluene	9.686	165	913705	49.686	ng	99
52) Acenaphthene	9.939	154	3455698	47.714	ng	99
53) 3-Nitroaniline	9.857	138	881139	50.007	ng	97
54) 2,4-Dinitrophenol	9.963	184	490011	54.404	ng	97
55) Dibenzofuran	10.110	168	4646035	45.758	ng	97
56) 4-Nitrophenol	10.010	139	688860	53.444	ng	97
57) 2,4-Dinitrotoluene	10.092	165	1198406	50.455	ng	99
58) Fluorene	10.451	166	3690555	46.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	1205116	51.532	ng	98
60) Diethylphthalate	10.322	149	3688889	48.230	ng	99
61) 4-Chlorophenyl-phenylether	10.439	204	2041912	47.214	ng	98
62) 4-Nitroaniline	10.469	138	867626	51.804	ng	99
63) Azobenzene	10.604	77	3199494	48.040	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	671047	52.731	ng	98
66) n-Nitrosodiphenylamine	10.563	169	3198716	47.872	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	1399305	48.805	ng	100
68) Hexachlorobenzene	10.998	284	1656836	48.559	ng	100
69) Atrazine	11.086	200	884832	54.265	ng	100
70) Pentachlorophenol	11.192	266	968375	55.635	ng	99
71) Phenanthrene	11.416	178	4994835	46.136	ng	97
72) Anthracene	11.469	178	5045026	46.605	ng	97
73) Carbazole	11.621	167	4477008	47.340	ng	97
74) Di-n-butylphthalate	11.945	149	4801543	49.054	ng	98
75) Fluoranthene	12.604	202	5203428	46.238	ng	97
77) Benzidine	12.727	184	1034866	58.223	ng	98
78) Pyrene	12.833	202	5168816	47.251	ng	97
80) Butylbenzylphthalate	13.445	149	1491142	56.317	ng	100
81) Benzo(a)anthracene	14.021	228	4127639	49.479	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	1329717	53.527	ng	100
83) Chrysene	14.057	228	3852046	47.925	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	1946586	54.955	ng	99
85) Di-n-octyl phthalate	14.615	149	3347714	53.361	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	5244836	50.364	ng	99
88) Benzo(b)fluoranthene	15.074	252	4224463	50.731	ng	99
89) Benzo(k)fluoranthene	15.104	252	3934065	47.768	ng	99
90) Benzo(a)pyrene	15.439	252	3717391	49.882	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	4295766	50.568	ng	100
92) Benzo(g,h,i)perylene	17.445	276	4457551	50.379	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

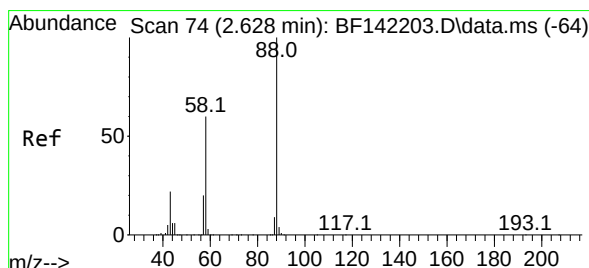
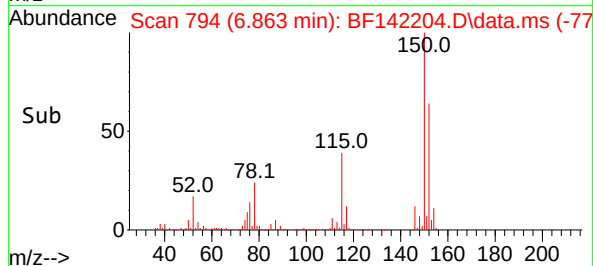
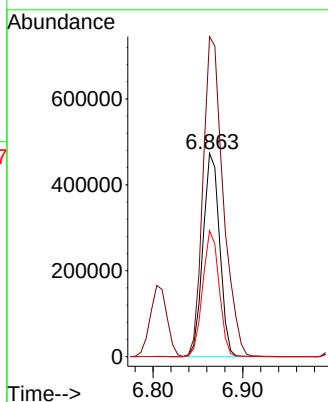
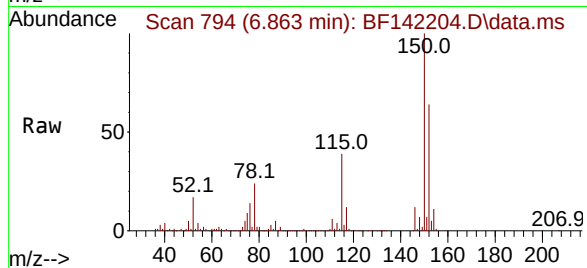
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

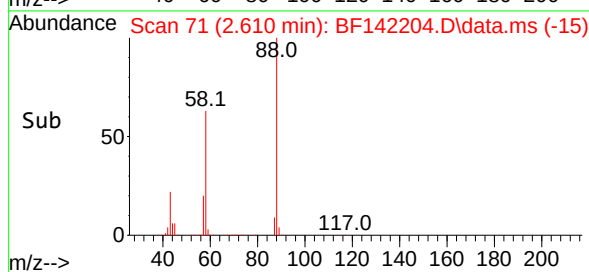
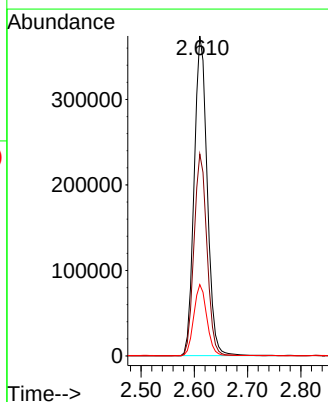
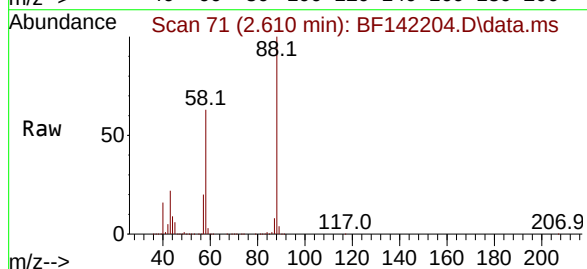
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

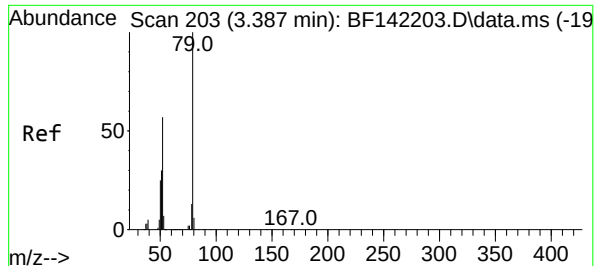
Tgt Ion:152 Resp: 609907
Ion Ratio Lower Upper
152 100
150 157.5 126.4 189.6
115 62.0 49.4 74.2



#2
1,4-Dioxane
Concen: 48.212 ng
RT: 2.610 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 88 Resp: 636632
Ion Ratio Lower Upper
88 100
58 62.7 47.8 71.6
43 22.1 17.8 26.8

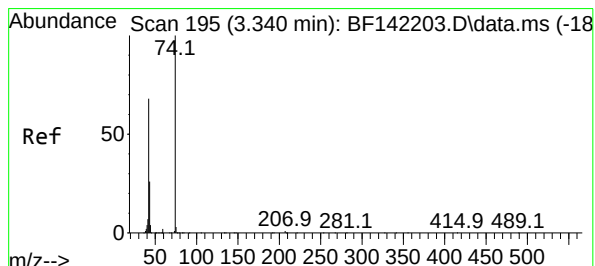
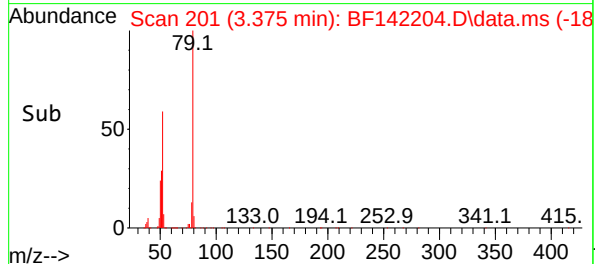
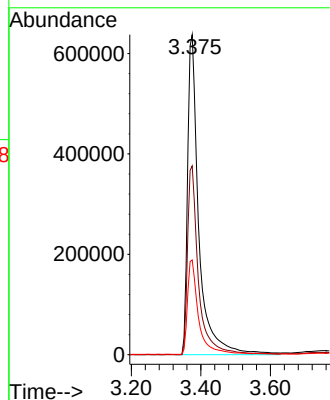
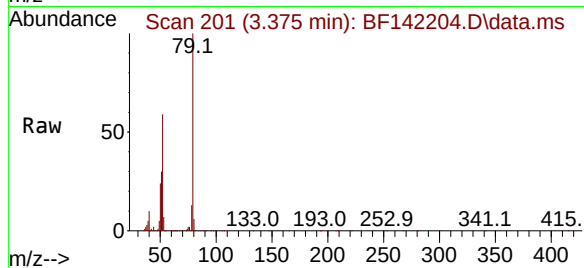




#3
Pyridine
Concen: 50.122 ng
RT: 3.375 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

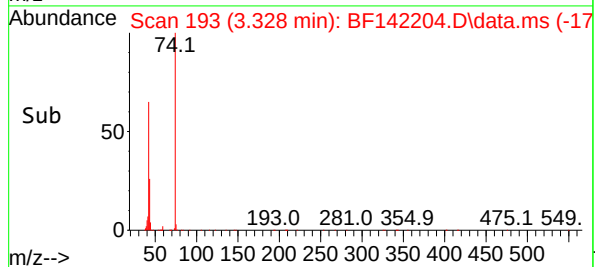
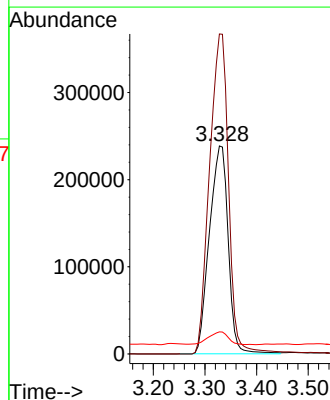
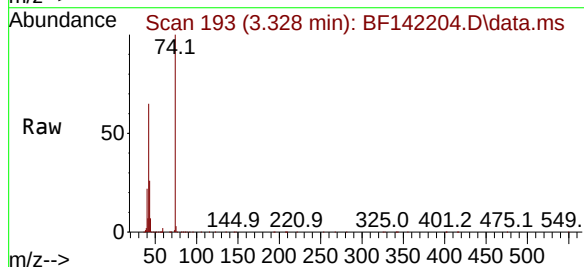
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

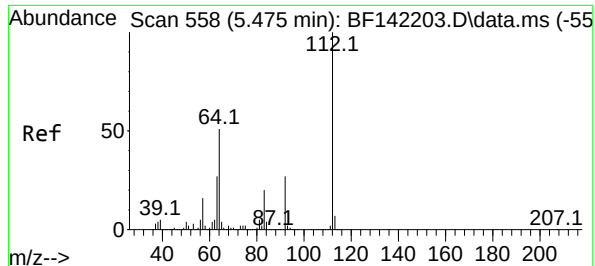
Tgt Ion: 79 Resp: 1436565
Ion Ratio Lower Upper
79 100
52 59.0 45.8 68.8
51 29.6 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 51.689 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.012 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 42 Resp: 601536
Ion Ratio Lower Upper
42 100
74 153.8 117.4 176.0
44 10.7 9.5 14.3

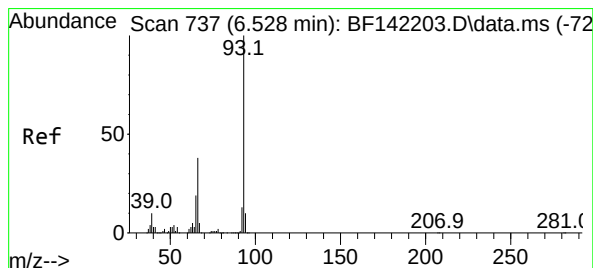
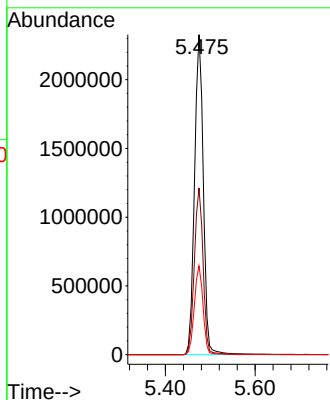
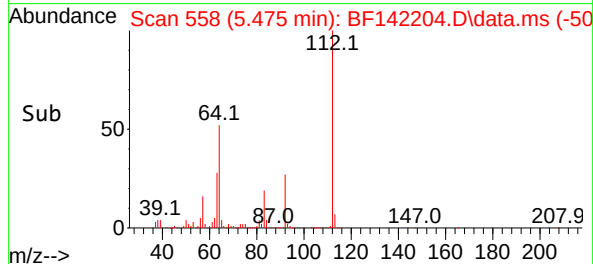
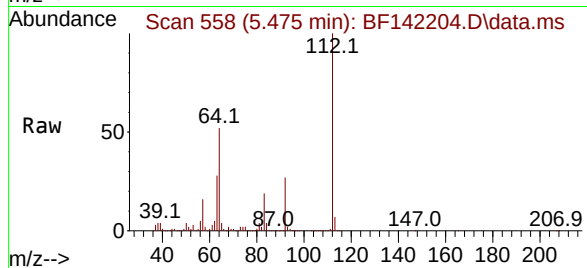




#5
2-Fluorophenol
Concen: 97.823 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

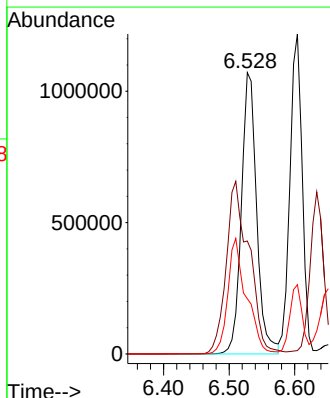
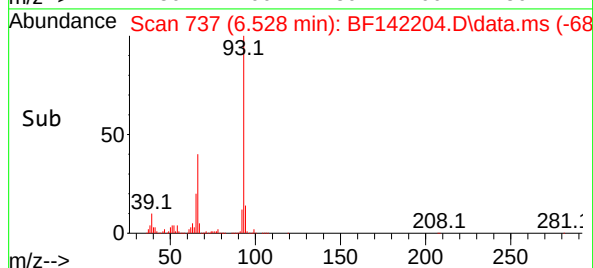
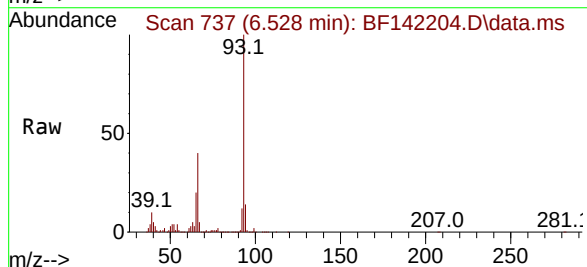
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

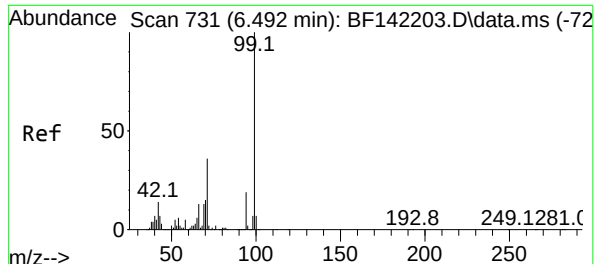
Tgt Ion:112 Resp: 3182296
Ion Ratio Lower Upper
112 100
64 52.1 40.9 61.3
63 27.7 22.0 33.0



#6
Aniline
Concen: 46.274 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 93 Resp: 1740733
Ion Ratio Lower Upper
93 100
66 40.2 30.9 46.3
65 19.6 15.1 22.7





#7

Phenol-d6

Concen: 96.775 ng

RT: 6.492 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

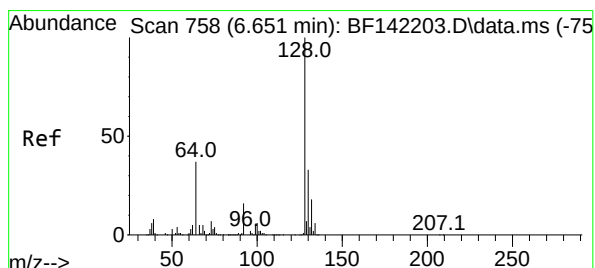
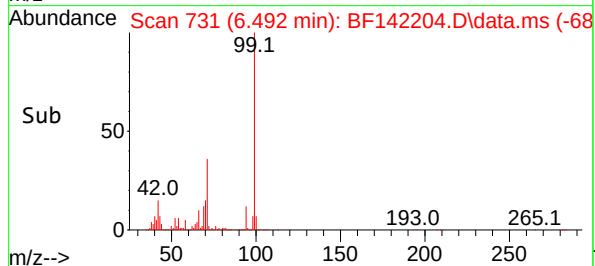
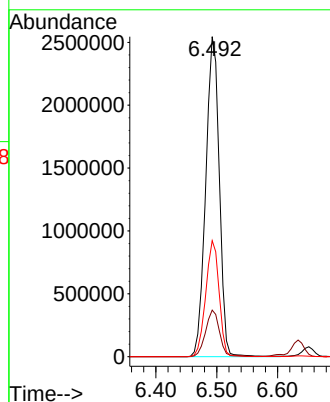
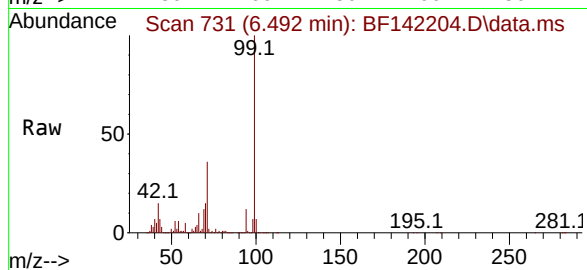
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 3942648

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.5	17.3
71	36.2	28.6	42.8



#8

2-Chlorophenol

Concen: 48.957 ng

RT: 6.651 min Scan# 758

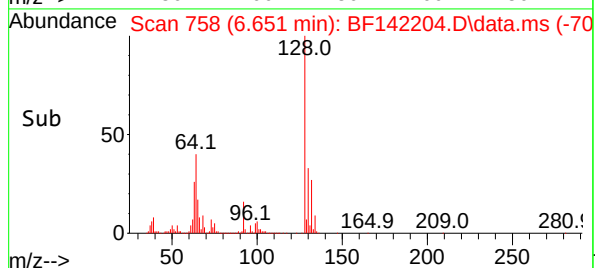
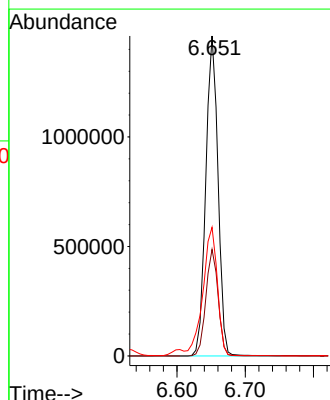
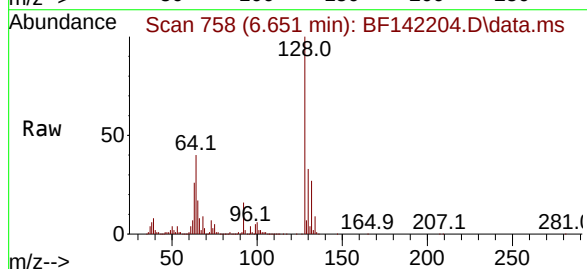
Delta R.T. -0.000 min

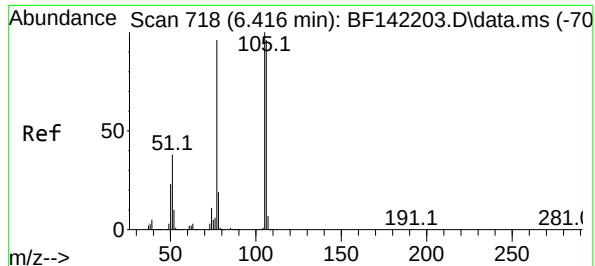
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion:128 Resp: 1823018

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	40.2	18.8	58.8

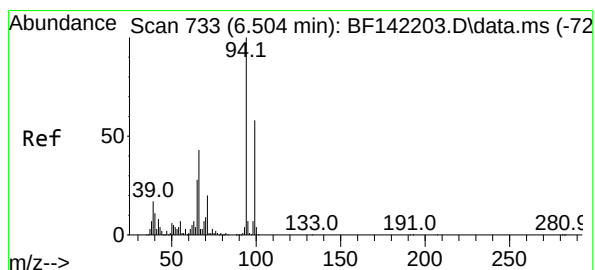
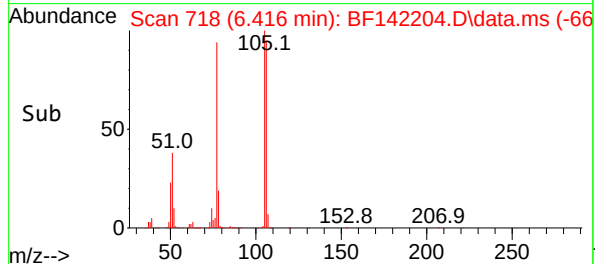
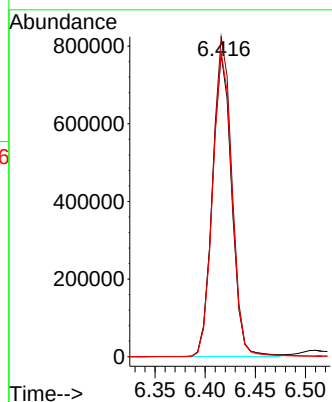
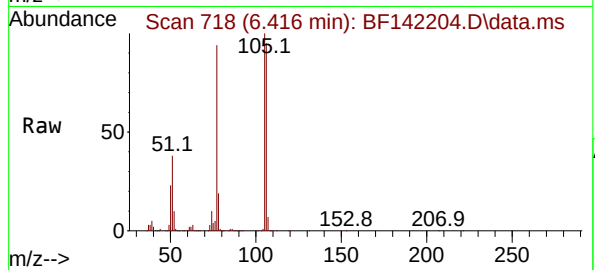




#9
Benzaldehyde
Concen: 46.633 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

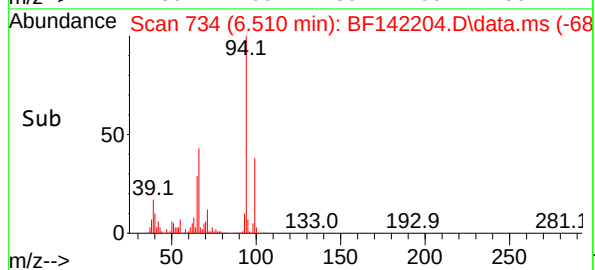
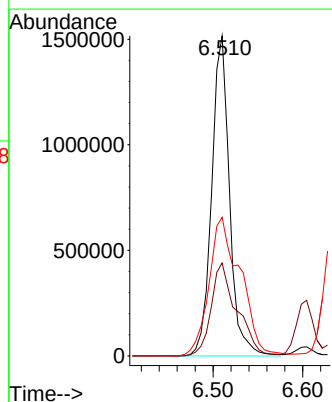
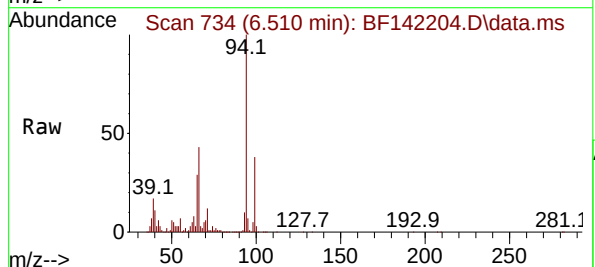
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

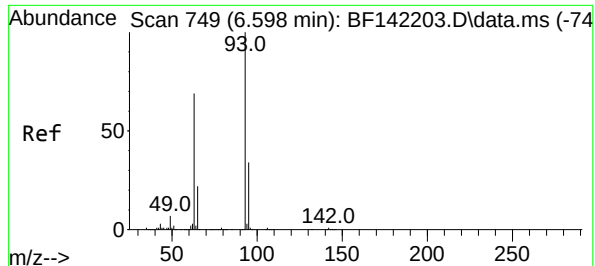
Tgt Ion: 77 Resp: 1043083
Ion Ratio Lower Upper
77 100
105 105.8 84.4 124.4
106 100.7 80.3 120.3



#10
Phenol
Concen: 48.700 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 94 Resp: 2092683
Ion Ratio Lower Upper
94 100
65 29.0 8.1 48.1
66 43.4 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 49.092 ng

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

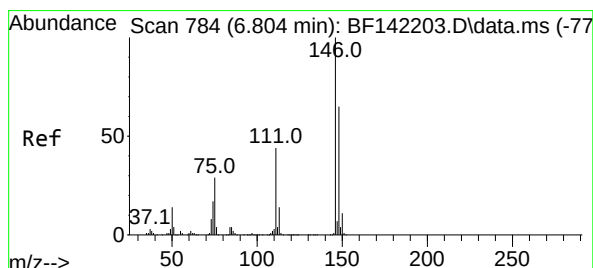
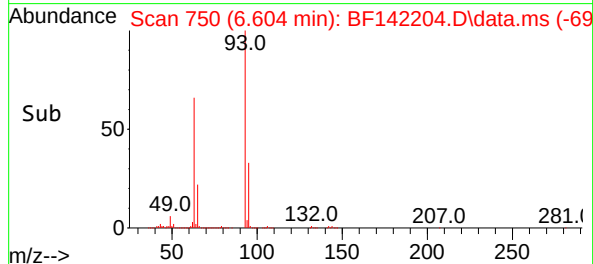
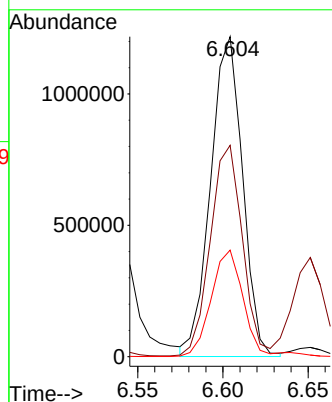
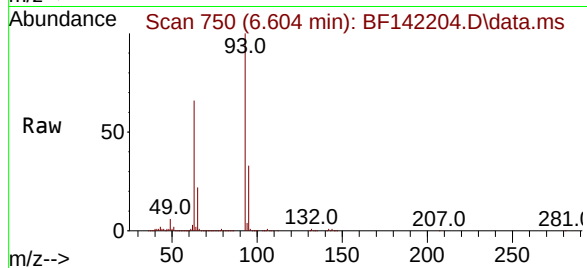
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 1590849

Ion	Ratio	Lower	Upper
93	100		
63	66.1	47.9	87.9
95	33.3	13.7	53.7



#12

1,3-Dichlorobenzene

Concen: 48.288 ng

RT: 6.804 min Scan# 784

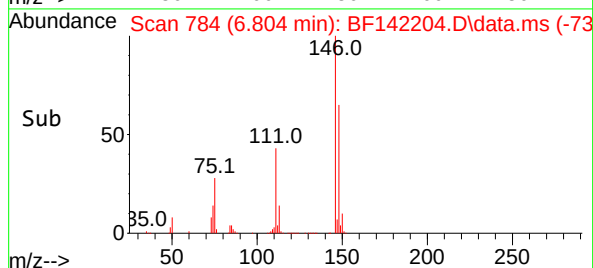
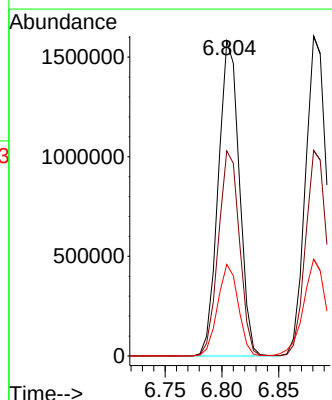
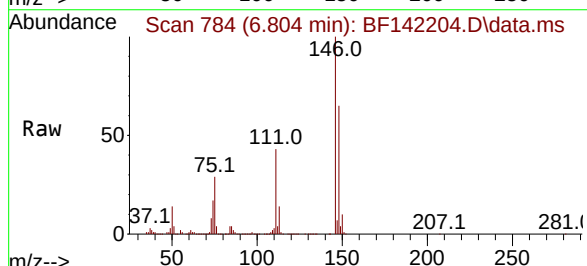
Delta R.T. -0.000 min

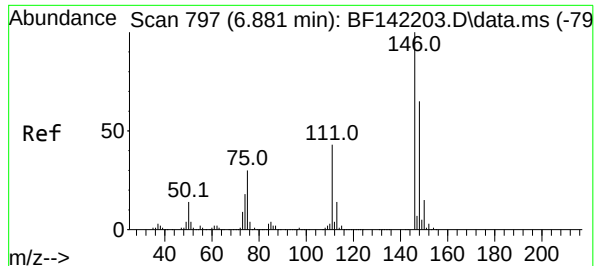
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion:146 Resp: 2037607

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.7	77.5
75	29.1	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 47.782 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

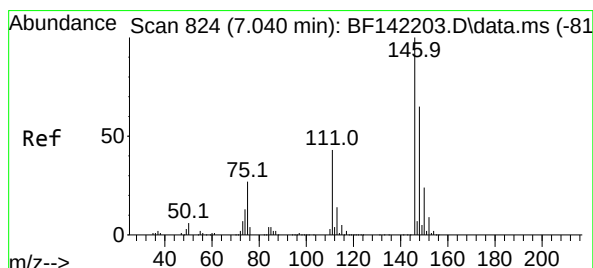
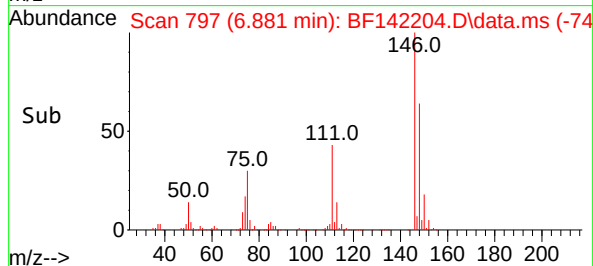
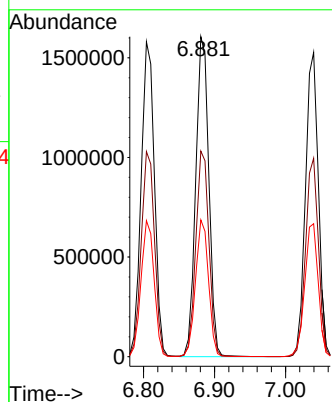
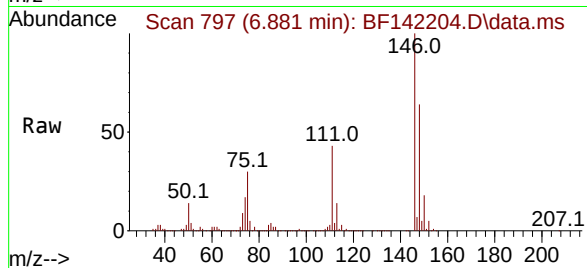
Tgt Ion:146 Resp: 2067930

Ion Ratio Lower Upper

146 100

148 64.3 52.4 78.6

111 42.7 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 47.633 ng

RT: 7.039 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

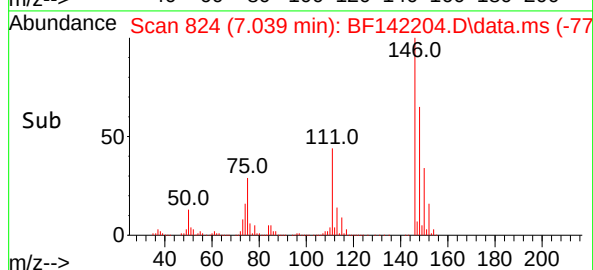
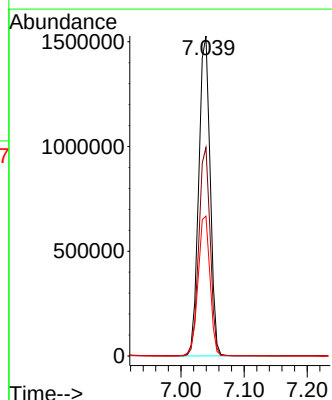
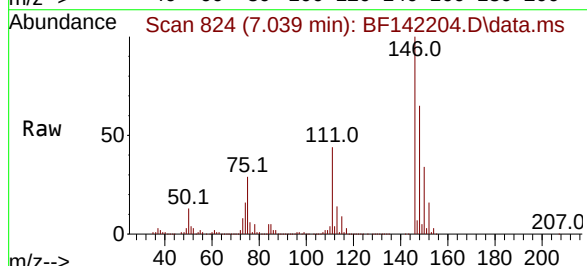
Tgt Ion:146 Resp: 1917794

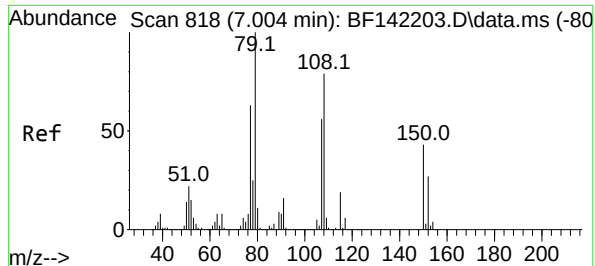
Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

111 43.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 50.395 ng

RT: 7.004 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

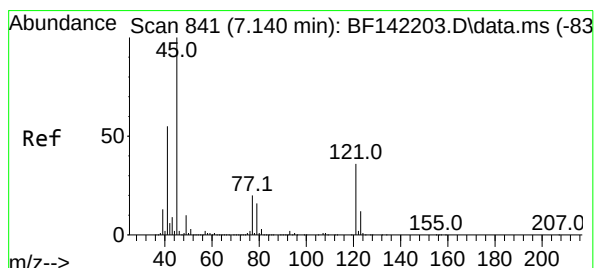
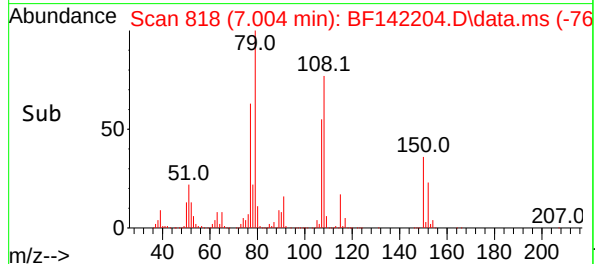
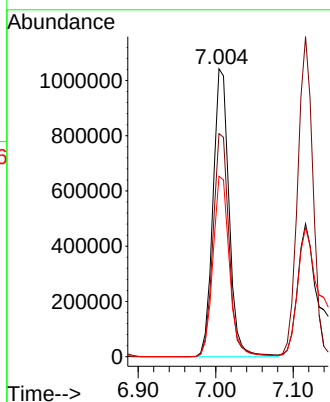
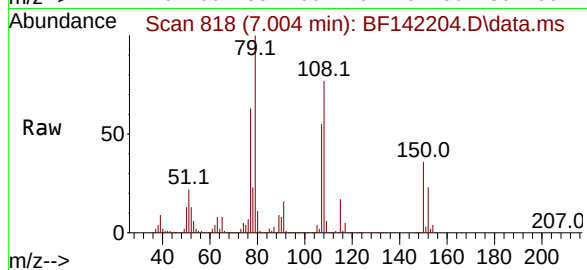
BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 1496999

Ion	Ratio	Lower	Upper
79	100		
108	77.5	63.1	94.7
77	62.7	50.6	76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.099 ng

RT: 7.139 min Scan# 841

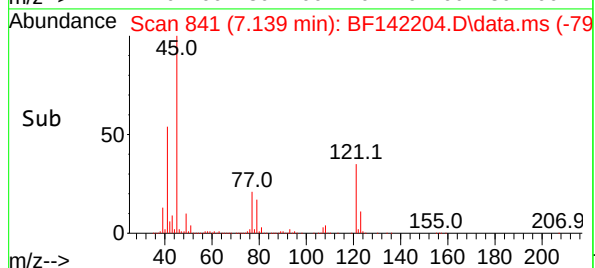
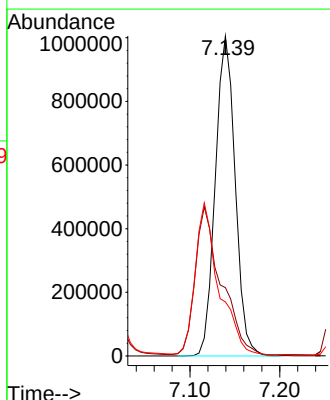
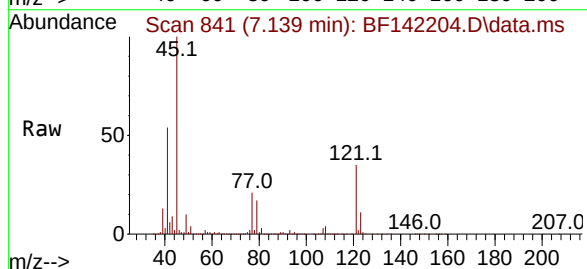
Delta R.T. -0.000 min

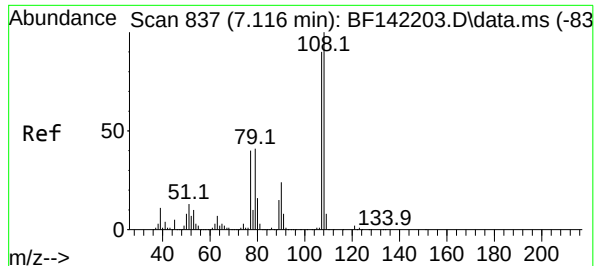
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion: 45 Resp: 1542179

Ion	Ratio	Lower	Upper
45	100		
77	21.3	1.4	41.4
79	16.9	0.0	36.7

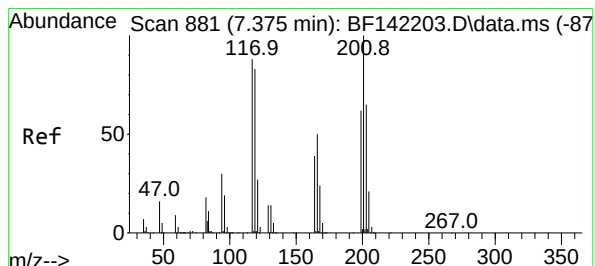
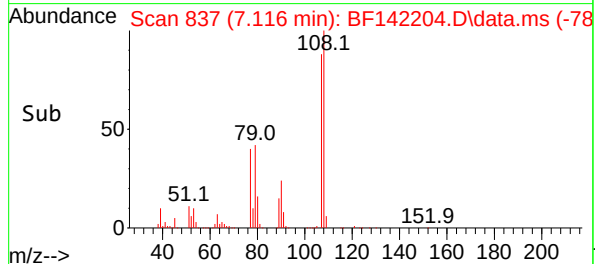
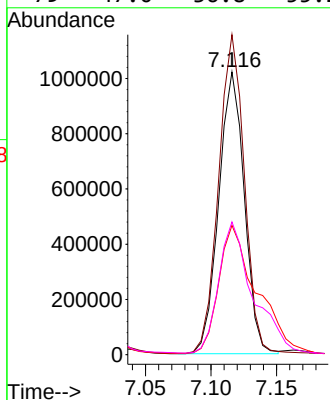
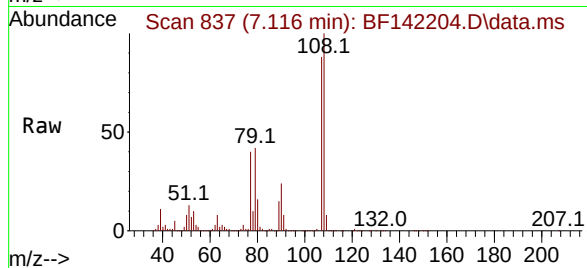




#17
2-Methylphenol
Concen: 49.358 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

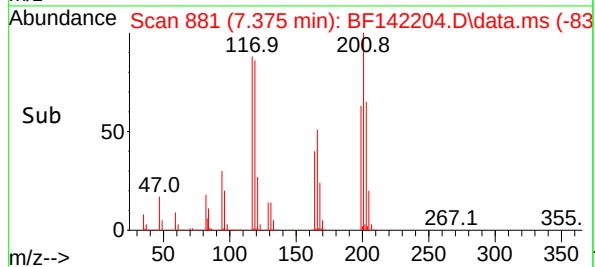
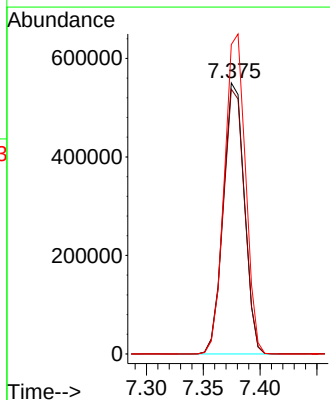
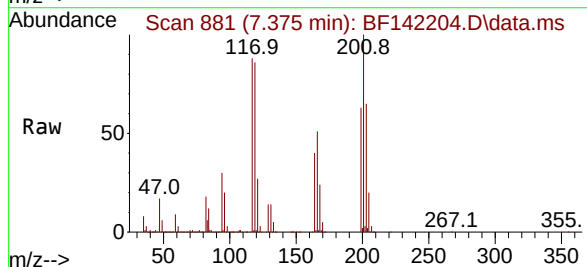
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

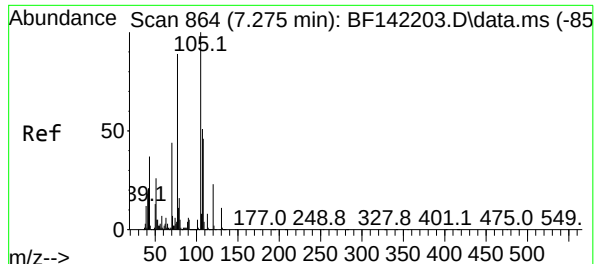
Tgt Ion:107 Resp: 1383290
Ion Ratio Lower Upper
107 100
108 113.2 89.4 134.2
77 45.7 36.3 54.5
79 47.0 36.8 55.2



#18
Hexachloroethane
Concen: 48.461 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:117 Resp: 712490
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.8
201 114.2 91.4 137.0

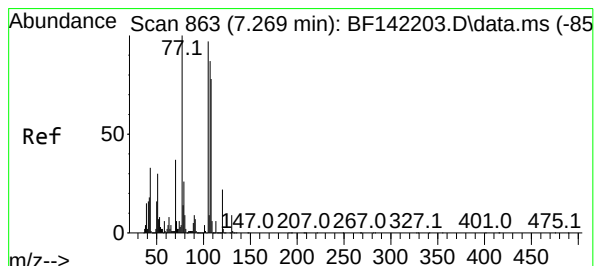
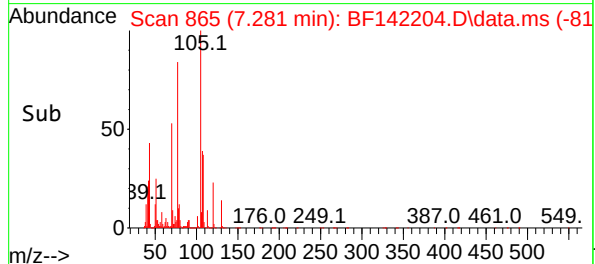
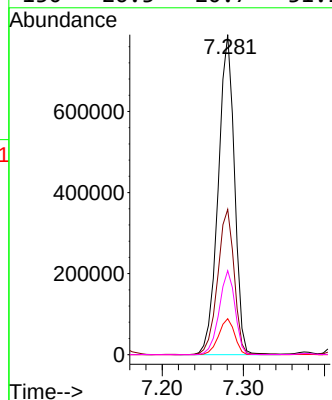
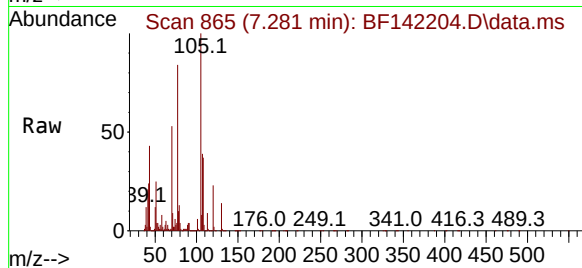




#19
n-Nitroso-di-n-propylamine
Concen: 47.752 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

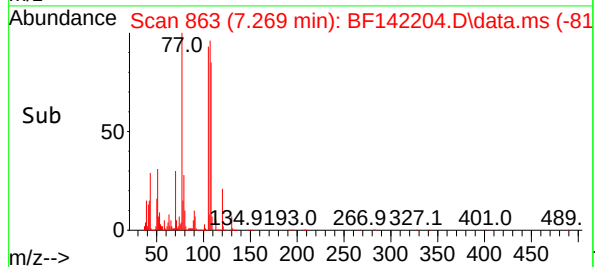
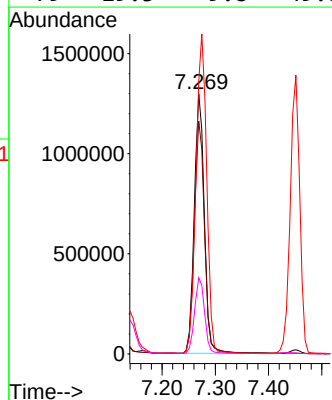
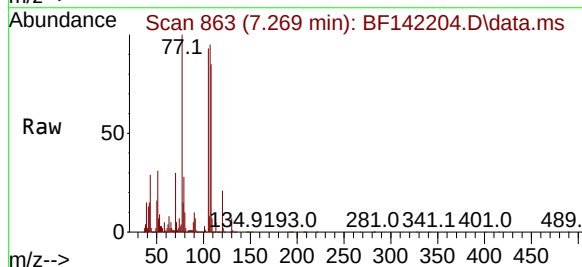
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

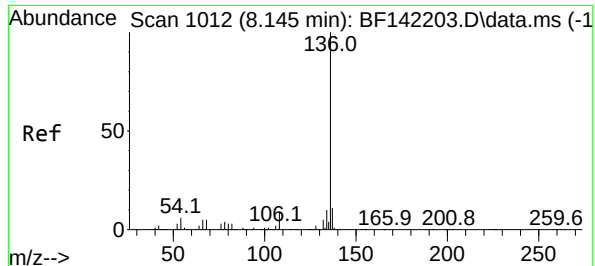
Tgt Ion: 70 Resp: 1100118
Ion Ratio Lower Upper
70 100
42 45.4 37.4 56.0
101 11.3 8.6 13.0
130 26.3 20.7 31.1



#20
3+4-Methylphenols
Concen: 48.995 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 107 Resp: 1707743
Ion Ratio Lower Upper
107 100
108 89.4 69.8 109.8
77 104.7 94.5 134.5
79 29.3 9.8 49.8

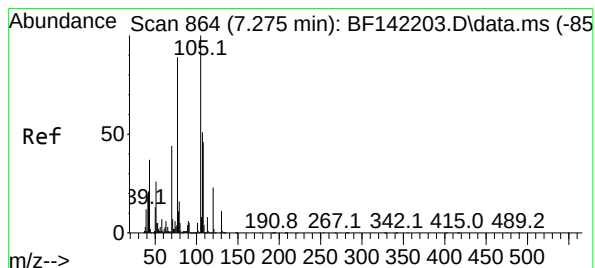
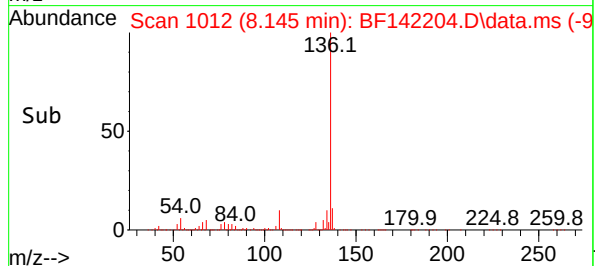
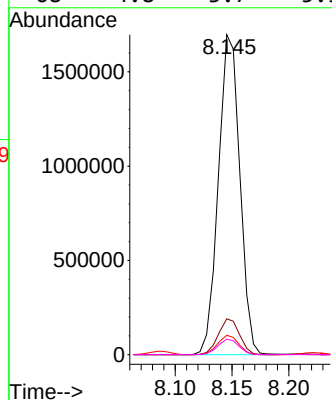
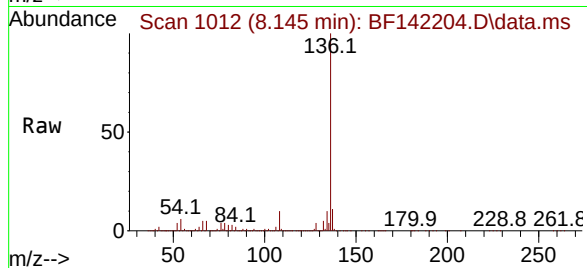




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

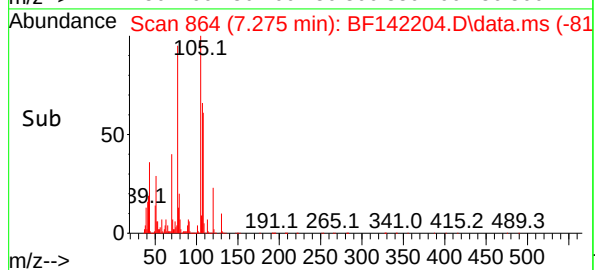
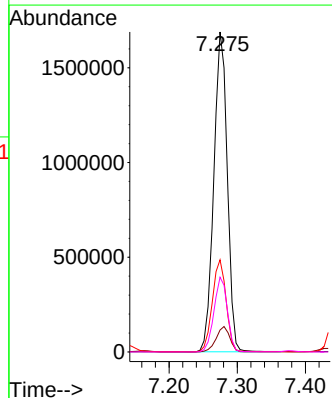
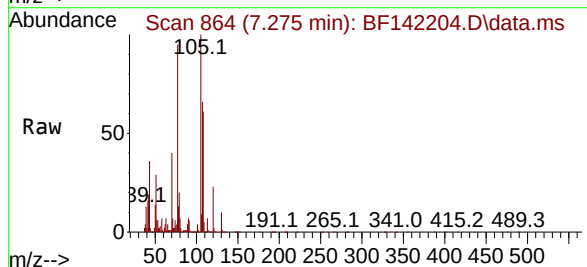
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

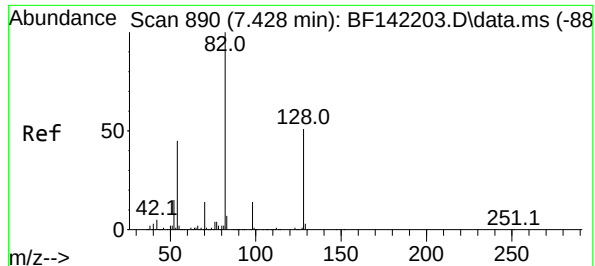
Tgt Ion:136 Resp: 2232349
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.1 4.7 7.1
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 47.482 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:105 Resp: 2326644
Ion Ratio Lower Upper
105 100
71 6.8 5.8 8.8
51 28.8 20.9 31.3
120 23.3 18.6 27.8





#23

Nitrobenzene-d5

Concen: 96.851 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

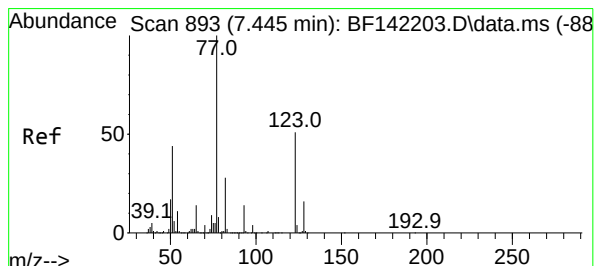
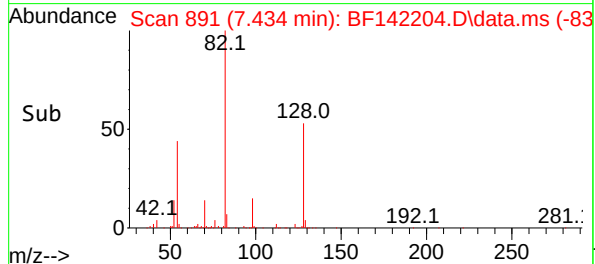
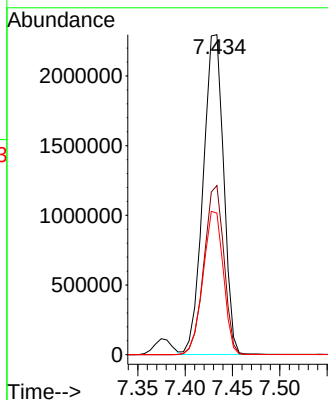
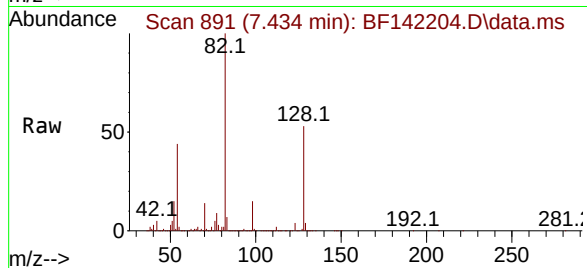
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 3442608

Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.2	60.2
54	44.2	35.5	53.3



#24

Nitrobenzene

Concen: 49.197 ng

RT: 7.451 min Scan# 894

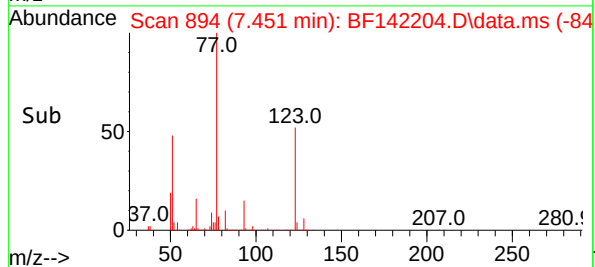
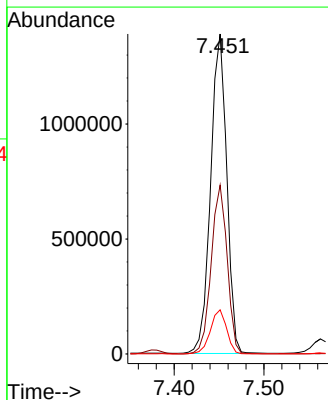
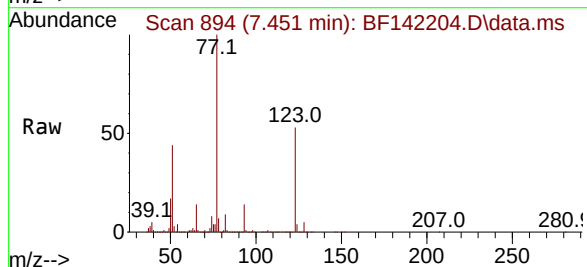
Delta R.T. 0.006 min

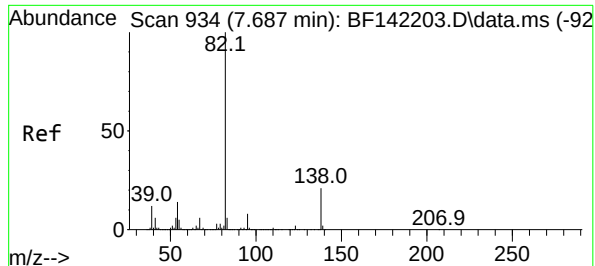
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion: 77 Resp: 1732454

Ion	Ratio	Lower	Upper
77	100		
123	52.8	40.7	61.1
65	13.8	10.9	16.3

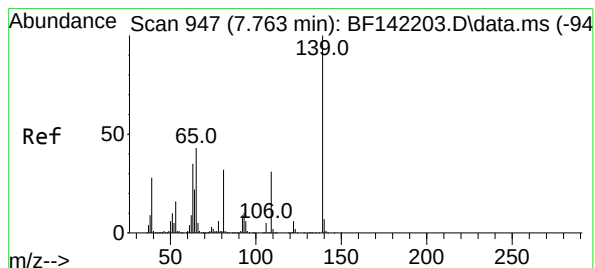
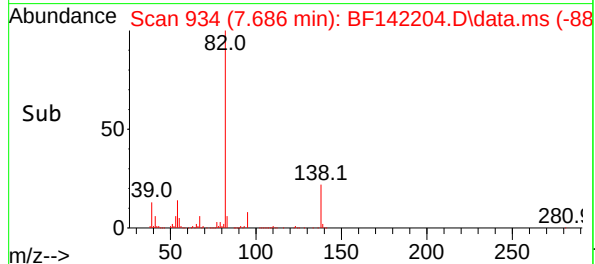
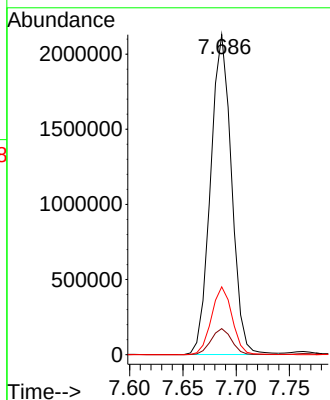
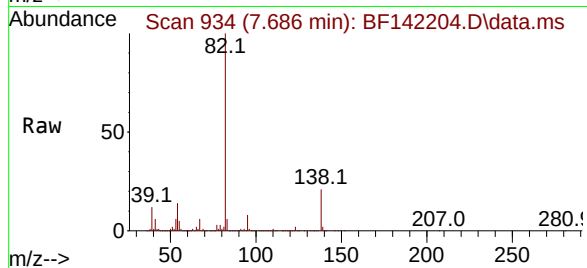




#25
Isophorone
Concen: 48.845 ng
RT: 7.686 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

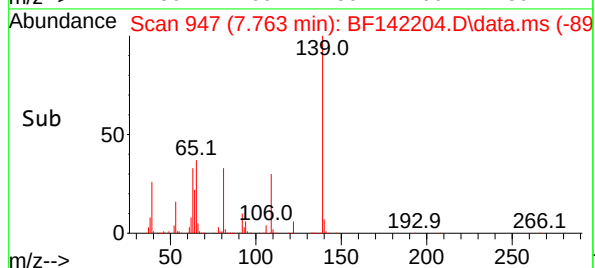
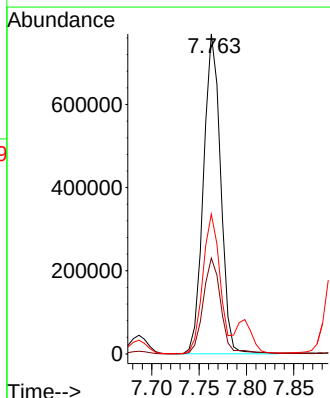
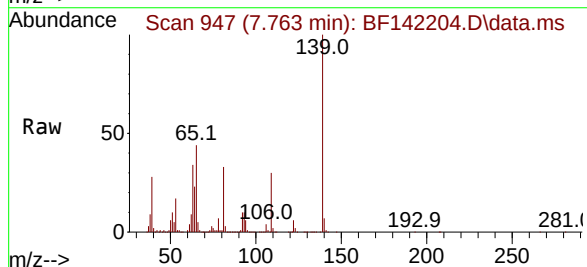
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

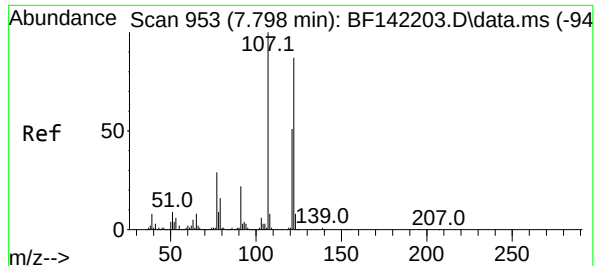
Tgt Ion: 82 Resp: 2914438
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 21.2 16.9 25.3



#26
2-Nitrophenol
Concen: 52.520 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 139 Resp: 972175
Ion Ratio Lower Upper
139 100
109 30.0 24.4 36.6
65 43.7 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 51.024 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

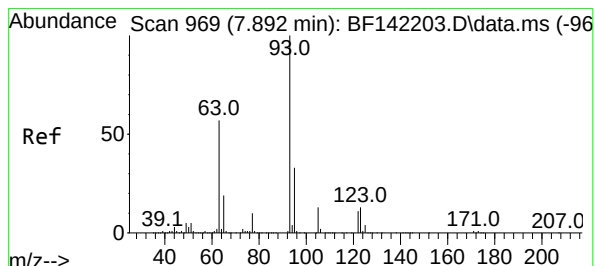
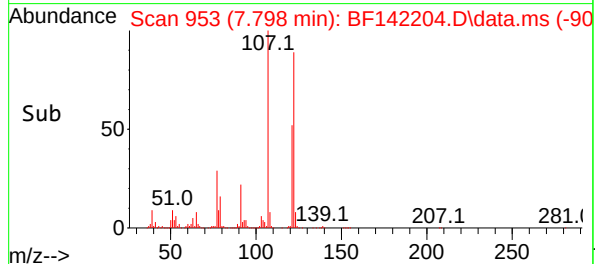
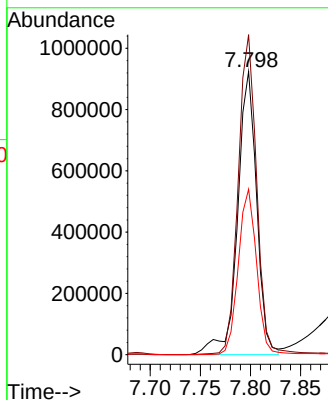
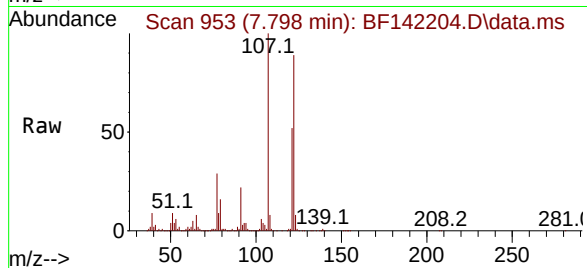
Tgt Ion:122 Resp: 1228070

Ion Ratio Lower Upper

122 100

107 113.0 91.6 137.4

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.040 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

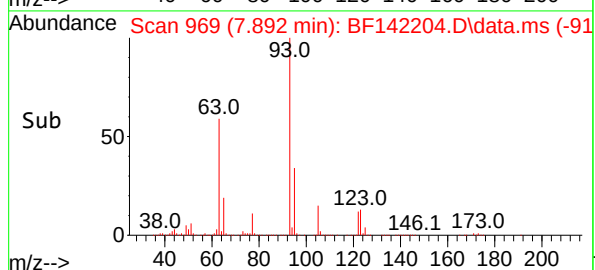
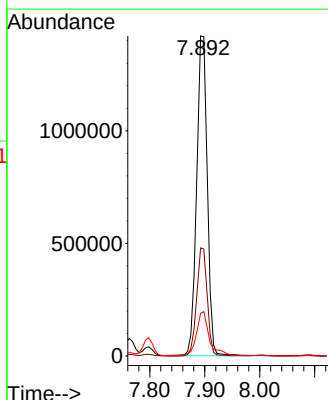
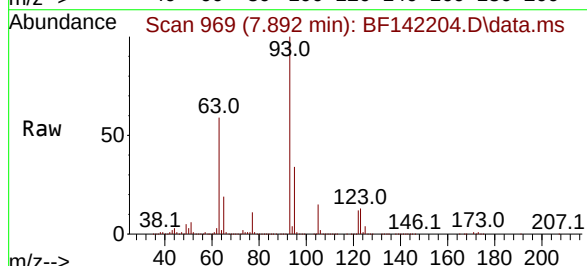
Tgt Ion: 93 Resp: 1920423

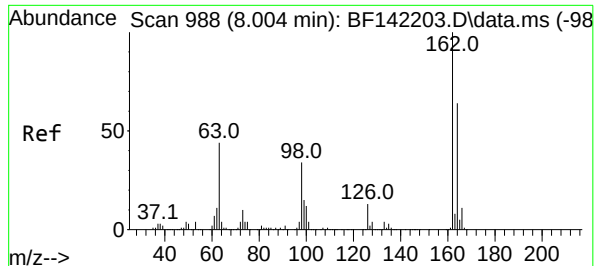
Ion Ratio Lower Upper

93 100

95 33.8 26.3 39.5

123 13.4 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 50.469 ng

RT: 8.004 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

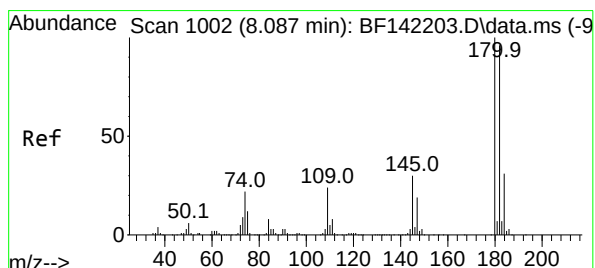
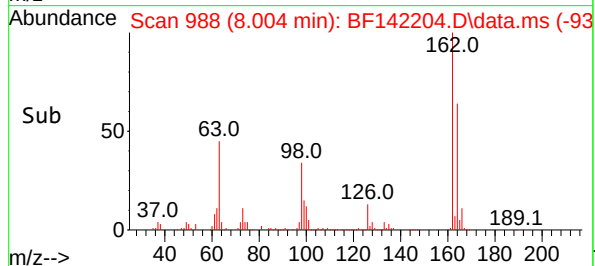
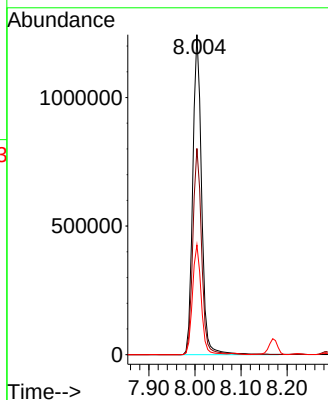
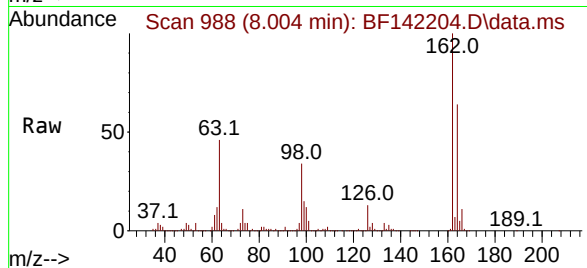
Tgt Ion:162 Resp: 1652054

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 34.3 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 48.605 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

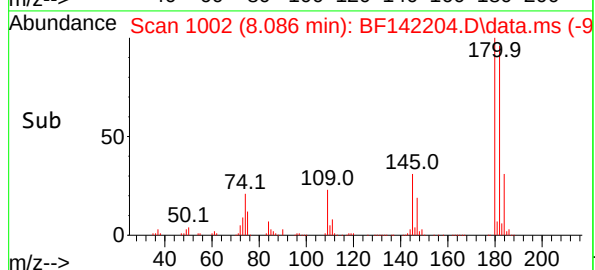
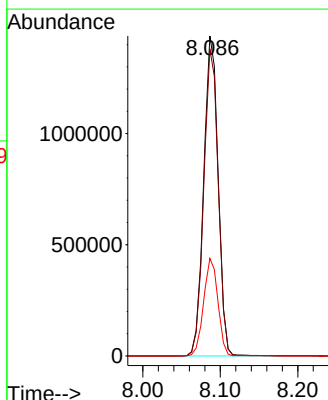
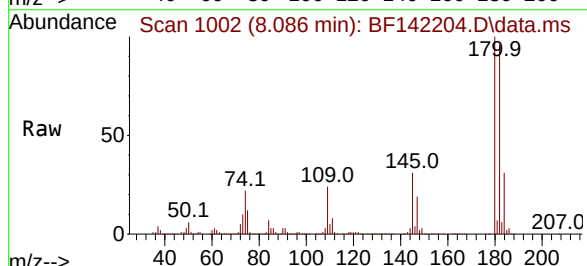
Tgt Ion:180 Resp: 1860606

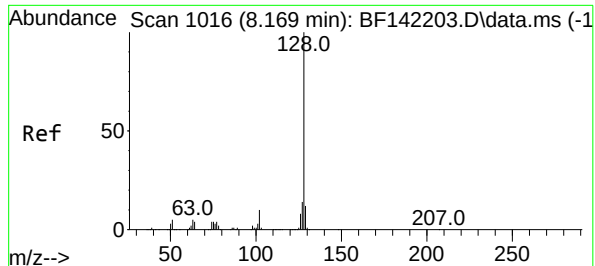
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 30.5 24.3 36.5

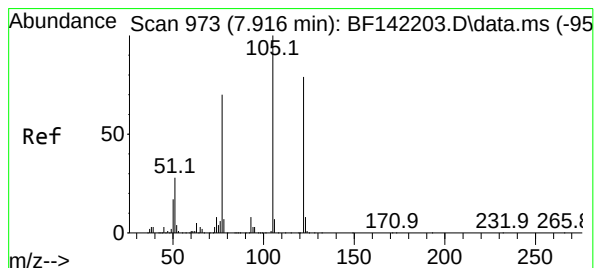
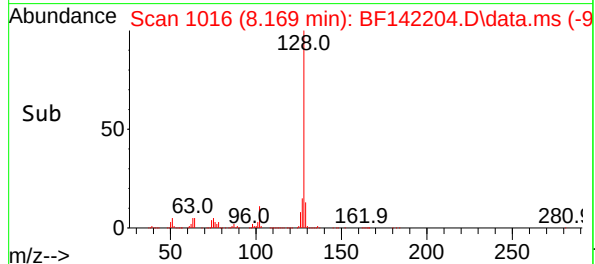
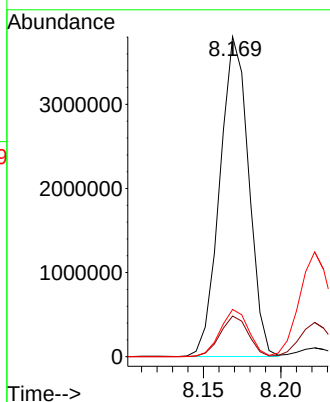
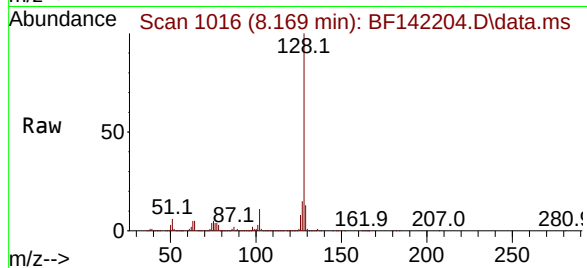




#31
Naphthalene
Concen: 46.673 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

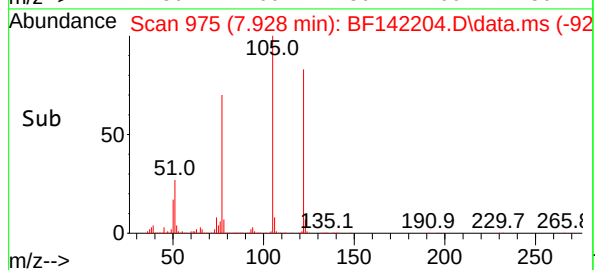
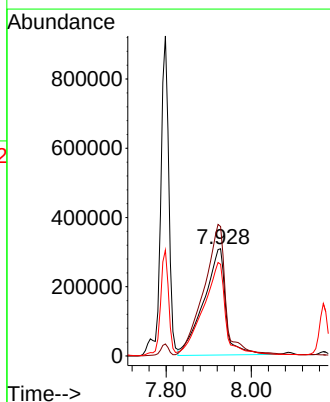
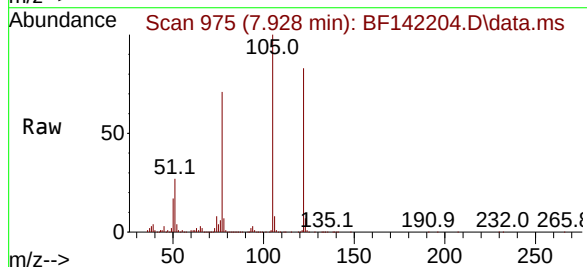
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

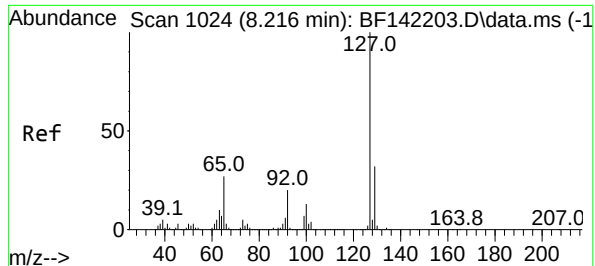
Tgt Ion:128 Resp: 4921869
Ion Ratio Lower Upper
128 100
129 12.7 9.6 14.4
127 14.8 11.4 17.0



#32
Benzoic acid
Concen: 49.472 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:122 Resp: 1106070
Ion Ratio Lower Upper
122 100
105 120.7 101.5 141.5
77 85.6 66.6 106.6





#33

4-Chloroaniline

Concen: 48.498 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 1851815

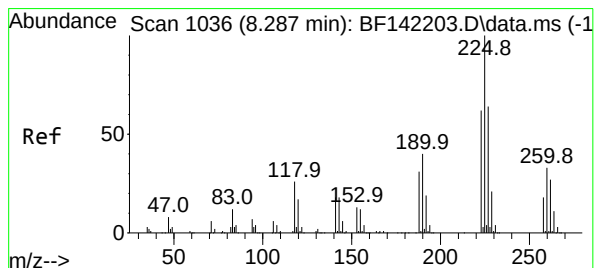
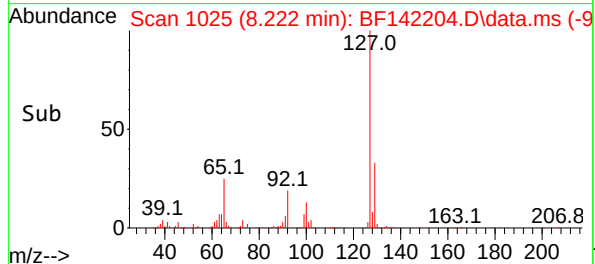
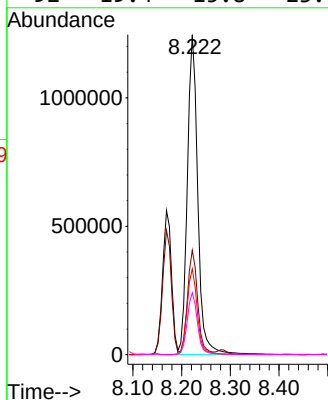
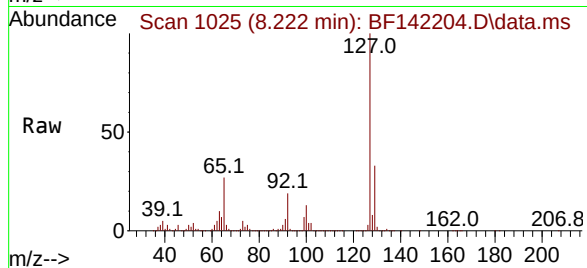
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 26.8 21.8 32.6

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 48.139 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

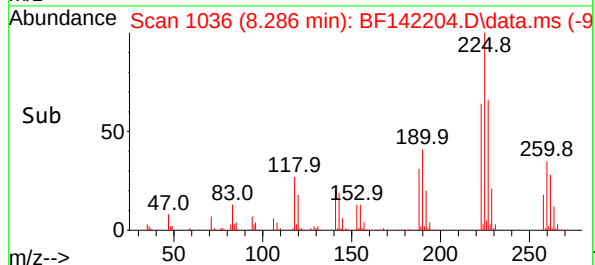
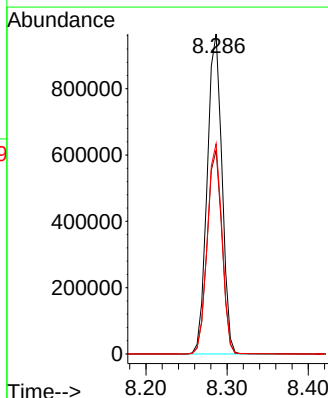
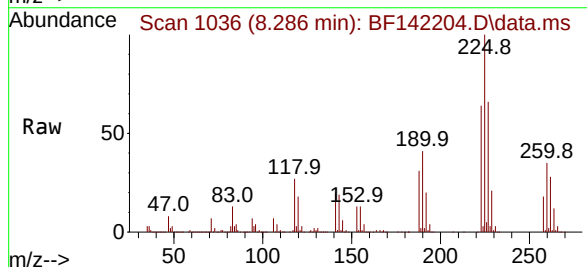
Tgt Ion:225 Resp: 1216090

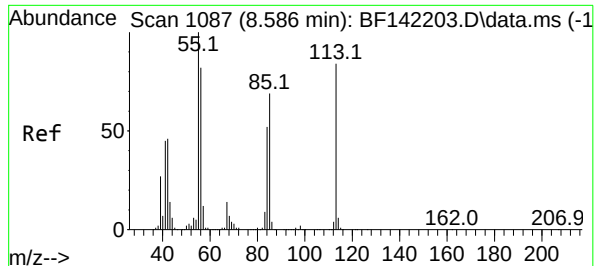
Ion Ratio Lower Upper

225 100

223 63.6 49.4 74.2

227 65.7 51.4 77.2





#35

Caprolactam

Concen: 52.958 ng

RT: 8.592 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

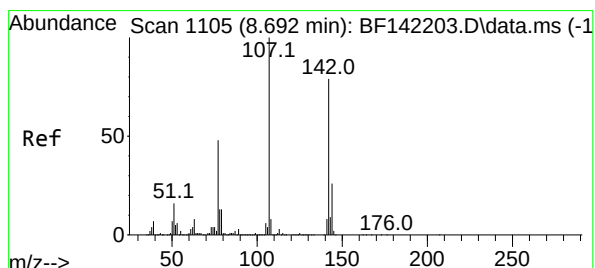
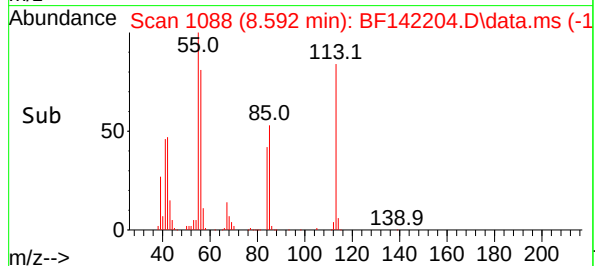
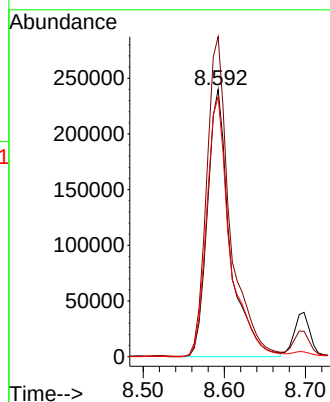
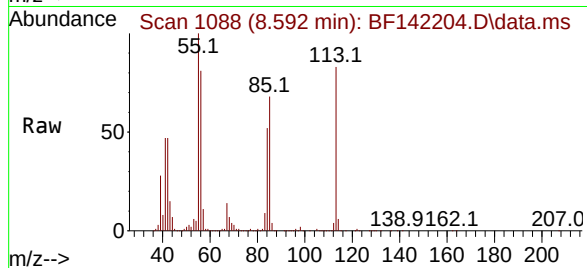
Tgt Ion:113 Resp: 462448

Ion Ratio Lower Upper

113 100

55 119.8 99.5 139.5

56 97.1 78.1 118.1



#36

4-Chloro-3-methylphenol

Concen: 49.425 ng

RT: 8.698 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

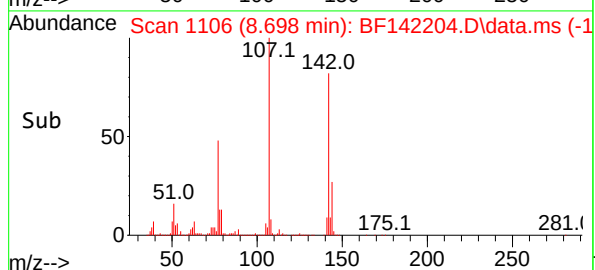
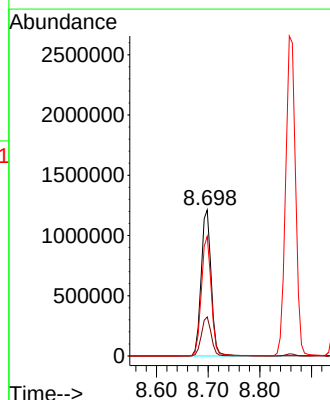
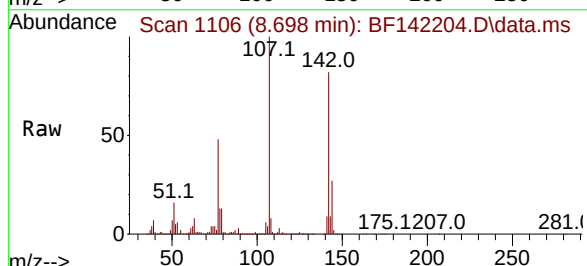
Tgt Ion:107 Resp: 1628612

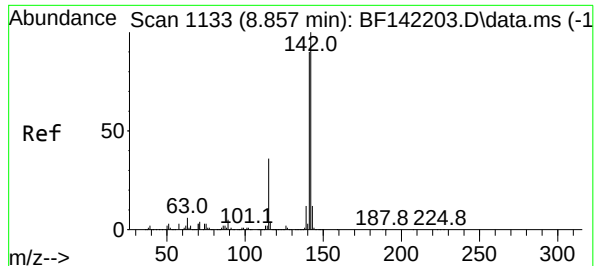
Ion Ratio Lower Upper

107 100

144 26.8 20.6 30.8

142 81.9 63.2 94.8

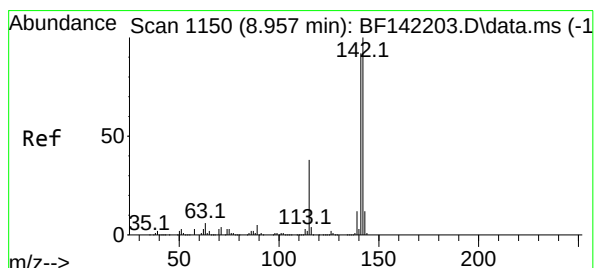
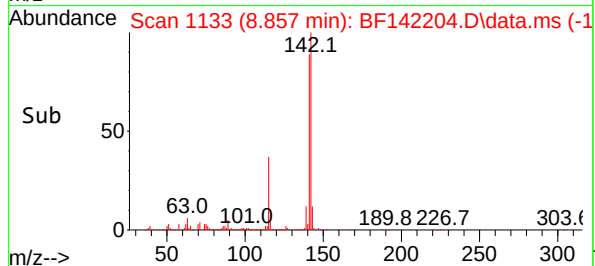
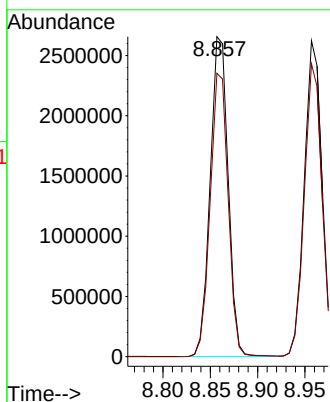
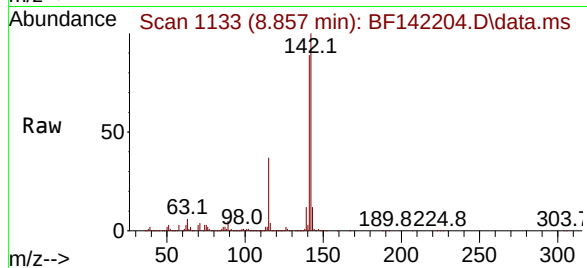




#37
2-Methylnaphthalene
Concen: 48.200 ng
RT: 8.857 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

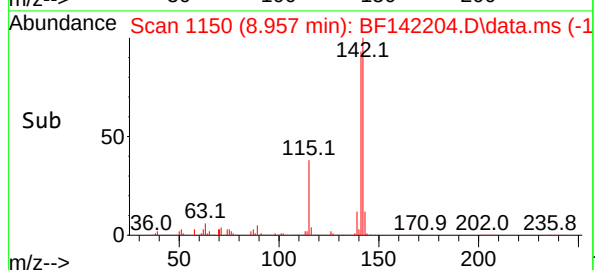
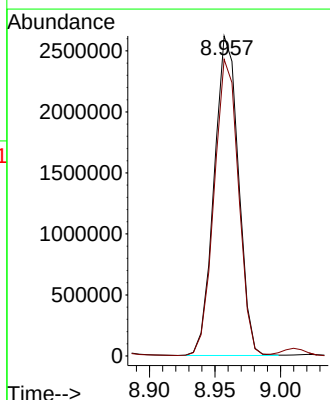
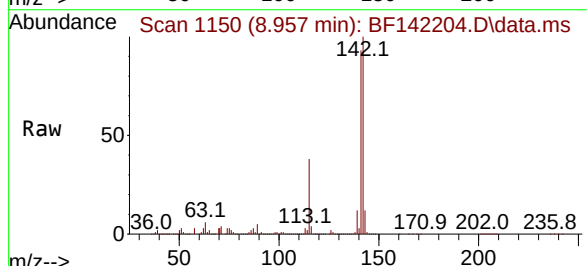
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

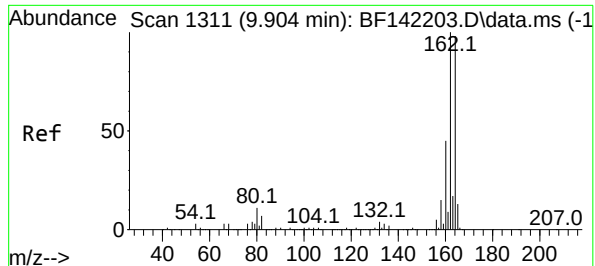
Tgt Ion:142 Resp: 3512806
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9



#38
1-Methylnaphthalene
Concen: 47.805 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:142 Resp: 3373357
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

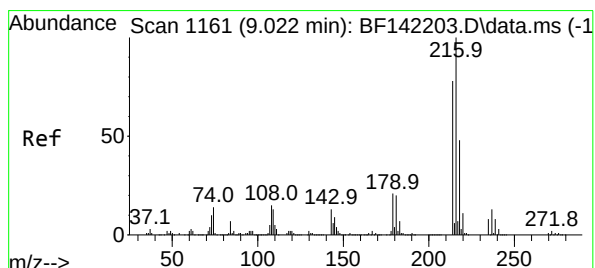
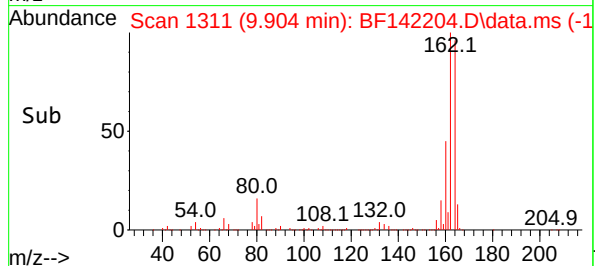
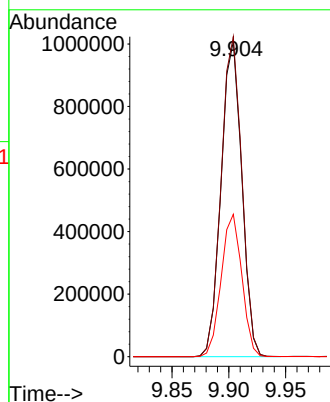
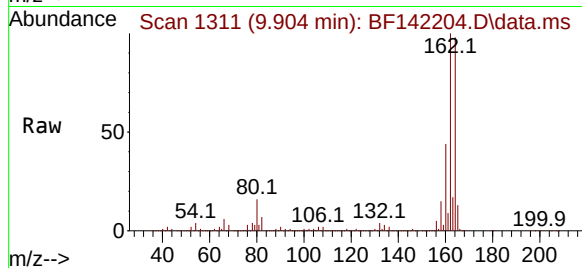
Tgt Ion:164 Resp: 1277505

Ion Ratio Lower Upper

164 100

162 101.5 81.9 122.9

160 45.2 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.647 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion:216 Resp: 1991650

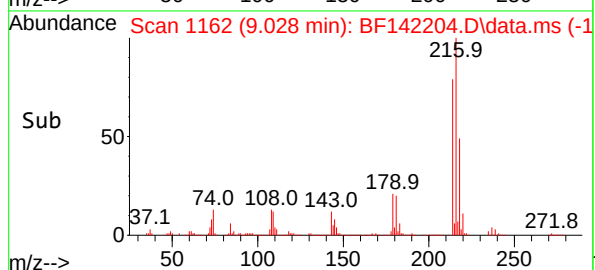
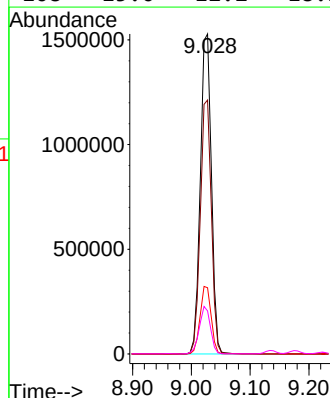
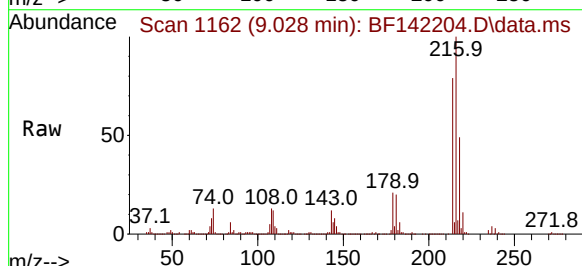
Ion Ratio Lower Upper

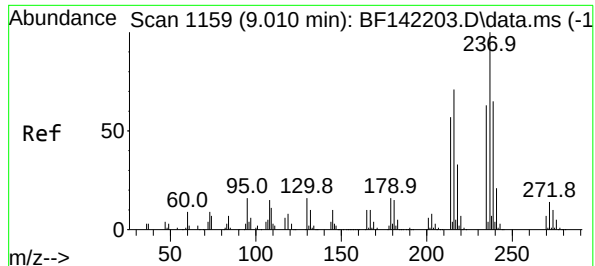
216 100

214 79.6 62.7 94.1

179 21.1 16.7 25.1

108 15.0 12.2 18.2

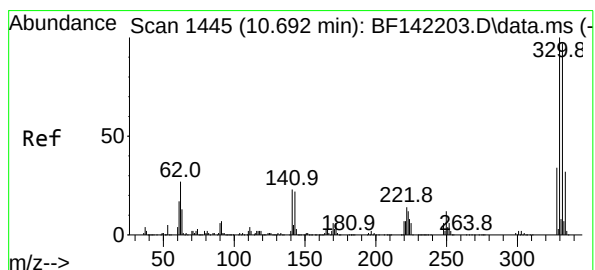
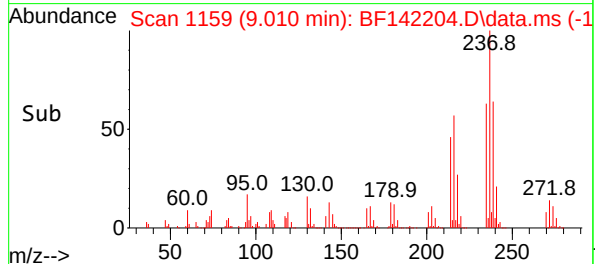
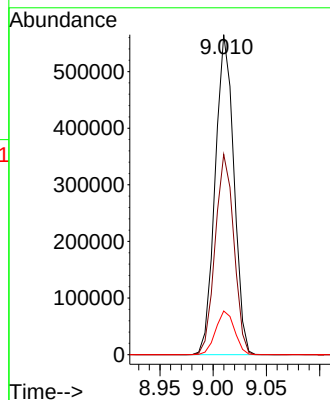
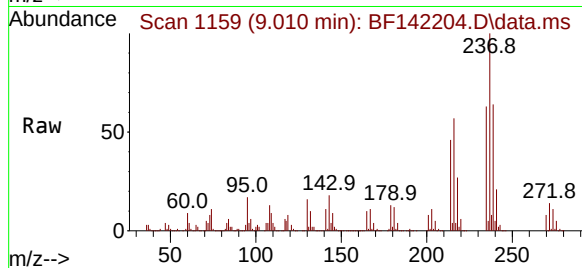




#41
Hexachlorocyclopentadiene
Concen: 53.830 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

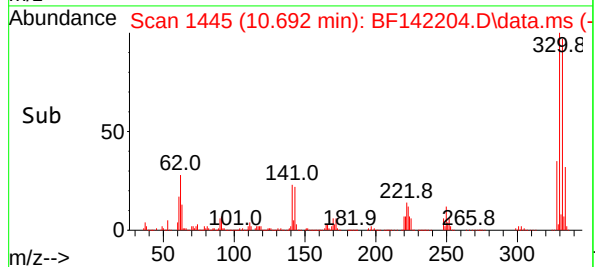
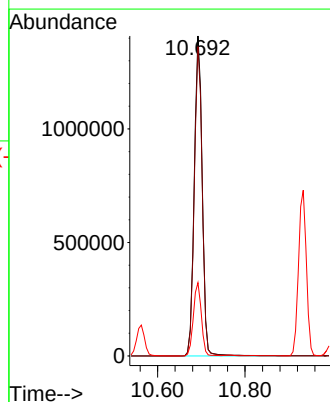
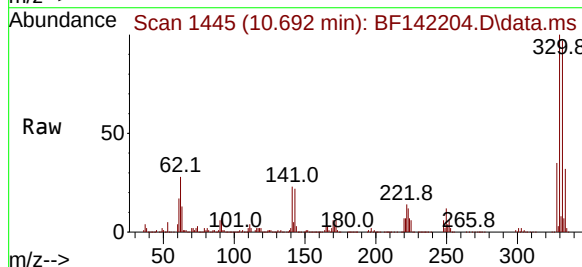
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

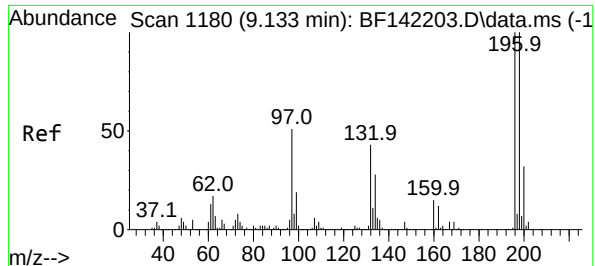
Tgt Ion:237 Resp: 689973
Ion Ratio Lower Upper
237 100
235 62.6 42.6 82.6
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 102.501 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:330 Resp: 1790366
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 23.0 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 50.882 ng

RT: 9.133 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

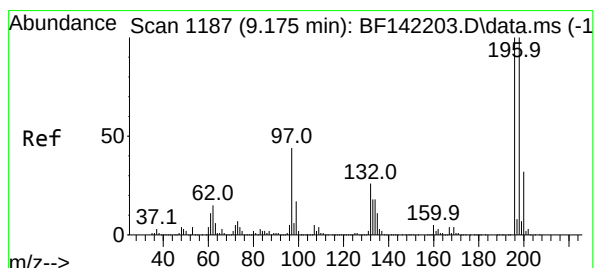
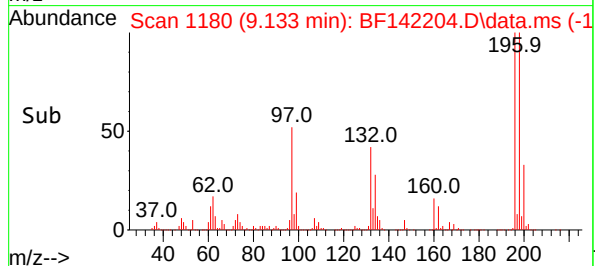
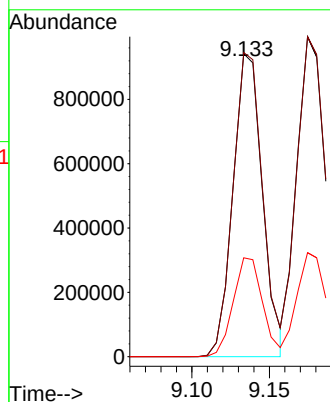
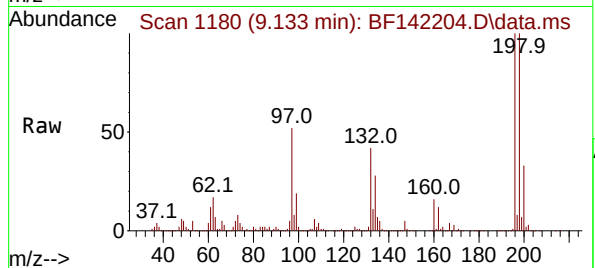
Tgt Ion:196 Resp: 1241715

Ion Ratio Lower Upper

196 100

198 100.4 80.0 120.0

200 32.7 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 50.613 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion:196 Resp: 1323919

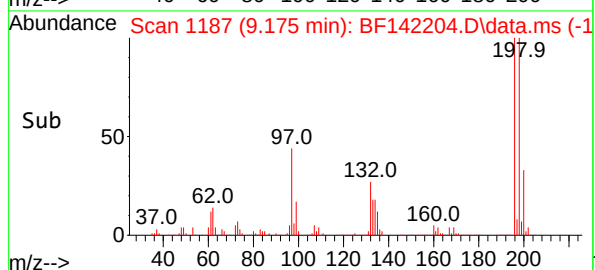
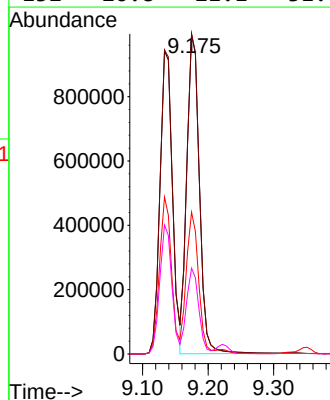
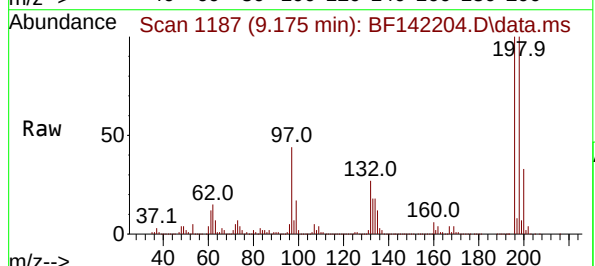
Ion Ratio Lower Upper

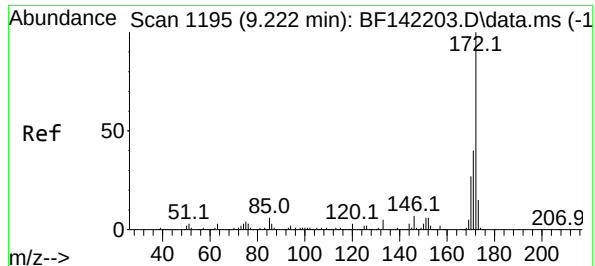
196 100

198 100.0 80.0 120.0

97 44.3 35.9 53.9

132 26.8 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 82.604 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142204.D

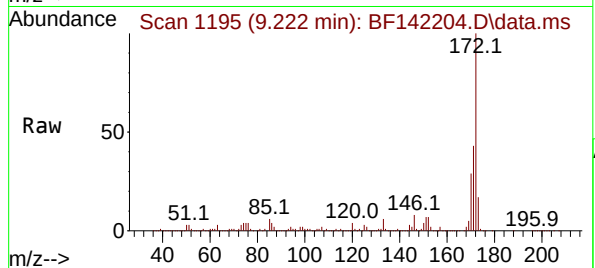
Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



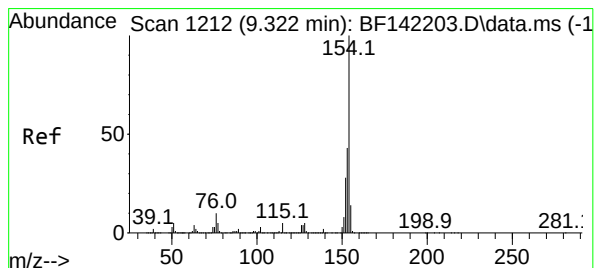
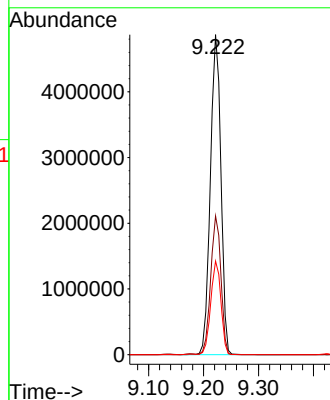
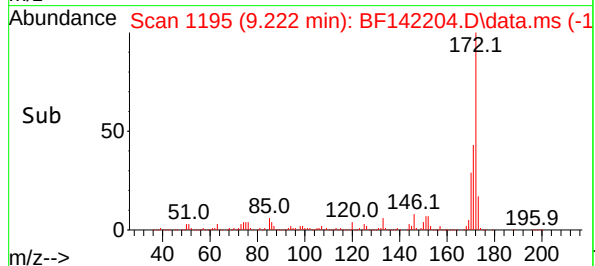
Tgt Ion:172 Resp: 6474295

Ion Ratio Lower Upper

172 100

171 43.4 32.1 48.1

170 29.3 21.4 32.0



#46

1,1'-Biphenyl

Concen: 46.184 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

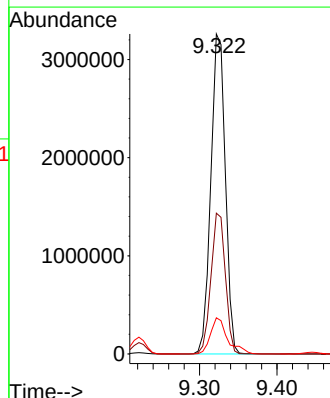
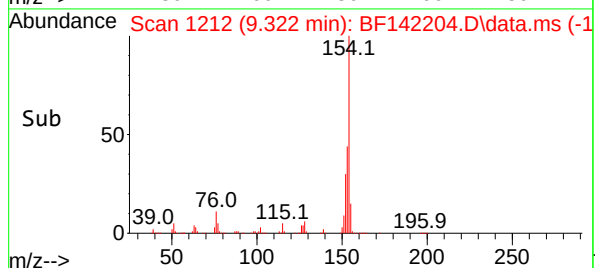
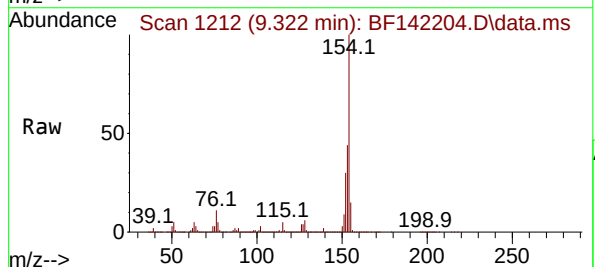
Tgt Ion:154 Resp: 4230784

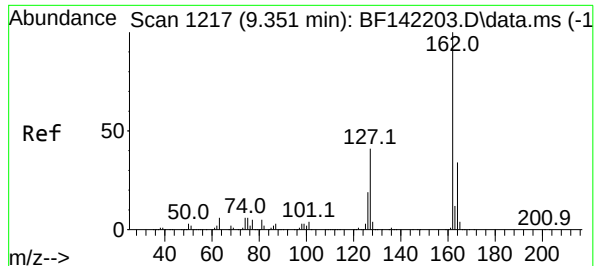
Ion Ratio Lower Upper

154 100

153 44.0 22.5 62.5

76 11.3 0.0 30.4





#47

2-Chloronaphthalene

Concen: 46.985 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

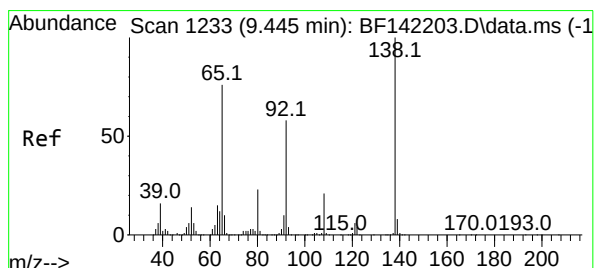
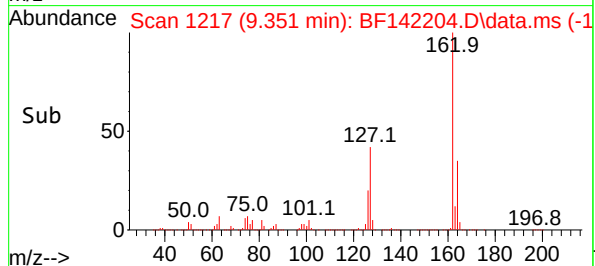
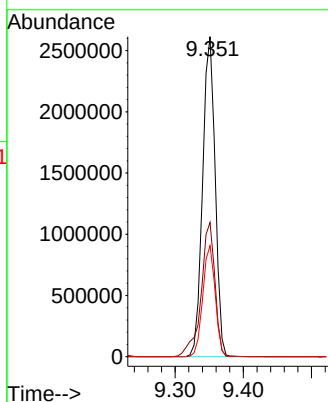
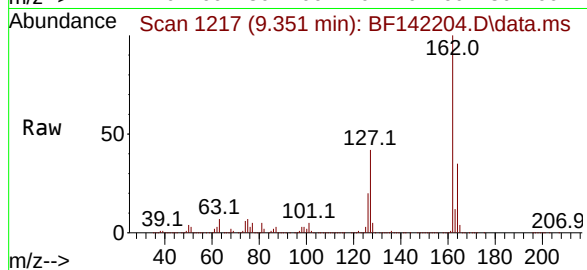
Tgt Ion:162 Resp: 3340875

Ion Ratio Lower Upper

162 100

127 41.9 33.1 49.7

164 34.7 27.1 40.7



#48

2-Nitroaniline

Concen: 50.862 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

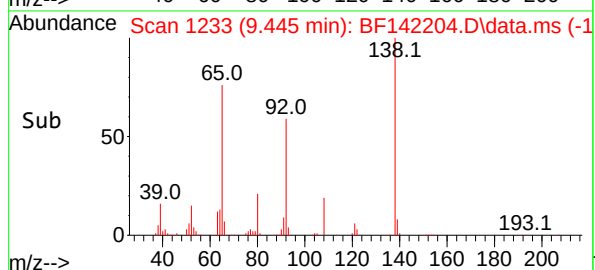
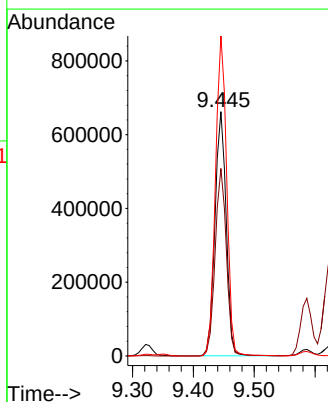
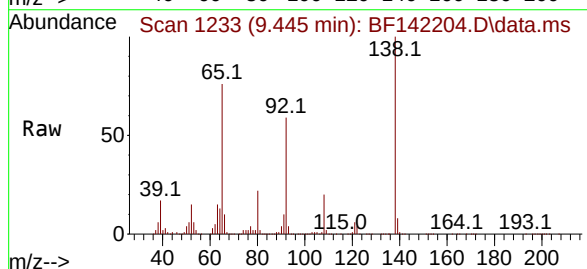
Tgt Ion: 65 Resp: 847744

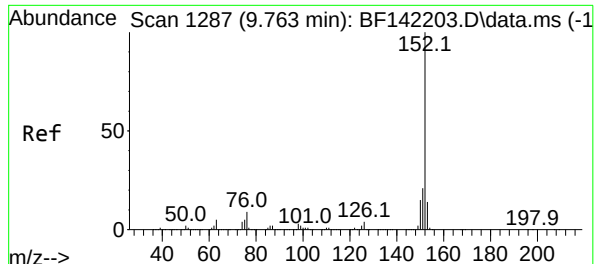
Ion Ratio Lower Upper

65 100

92 76.8 61.4 92.0

138 131.0 105.8 158.6





#49

Acenaphthylene

Concen: 46.837 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

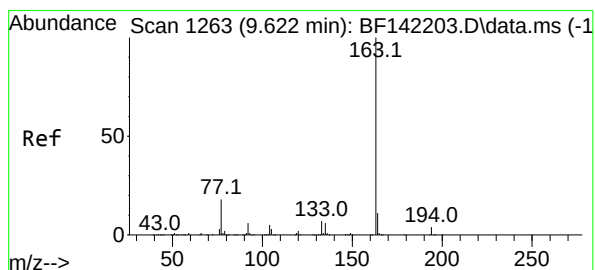
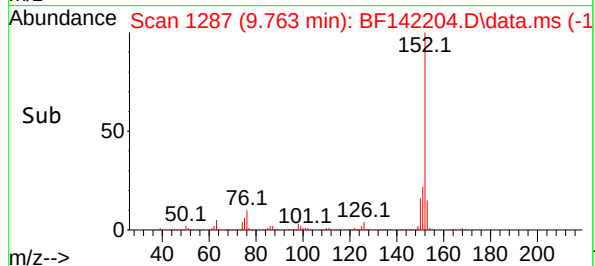
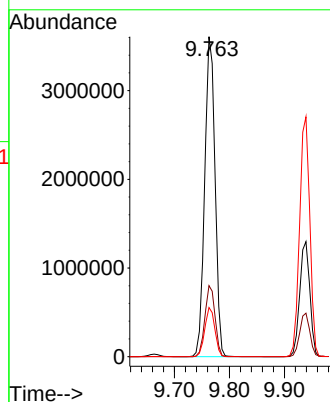
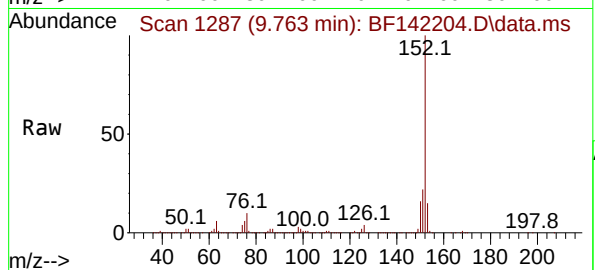
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 4707382

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.9	25.3
153	15.4	11.6	17.4



#50

Dimethylphthalate

Concen: 47.483 ng

RT: 9.627 min Scan# 1264

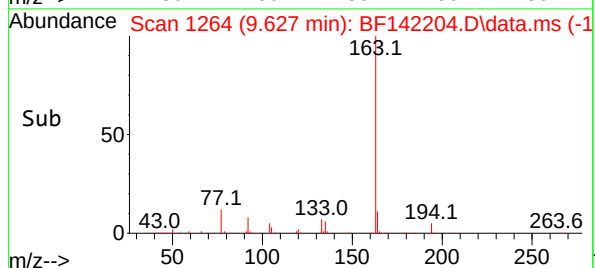
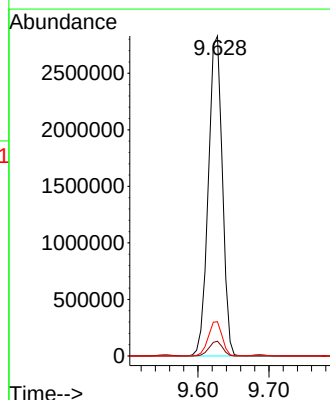
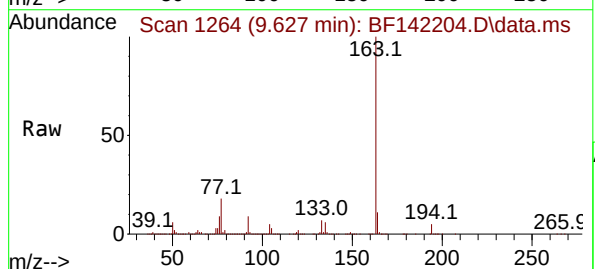
Delta R.T. 0.006 min

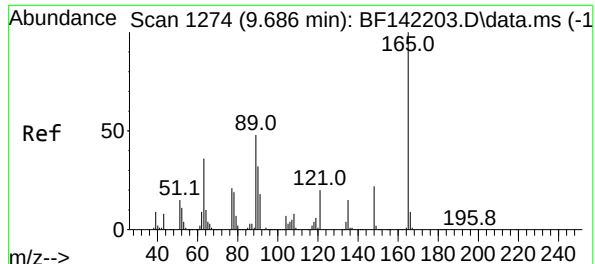
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion:163 Resp: 3889305

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.7	8.6	12.8

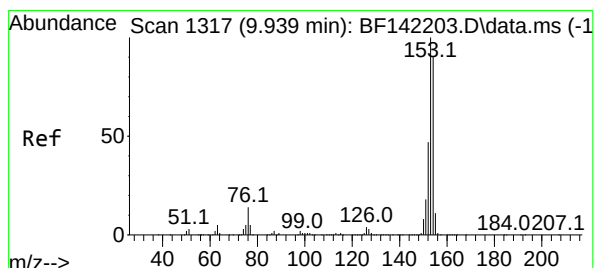
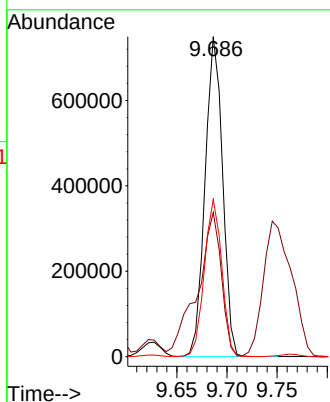
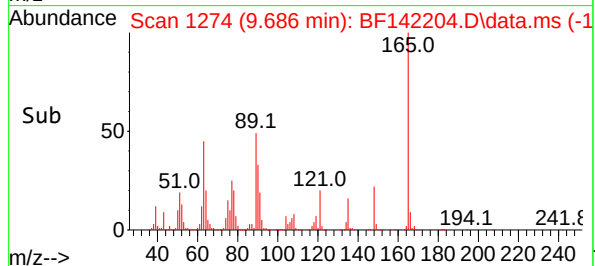
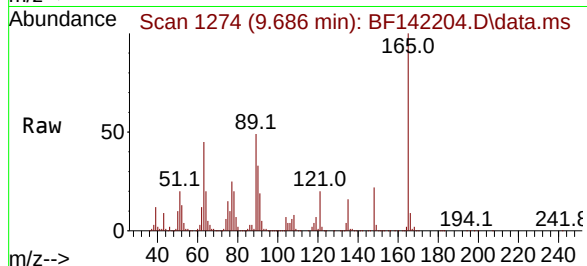




#51
2,6-Dinitrotoluene
Concen: 49.686 ng
RT: 9.686 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

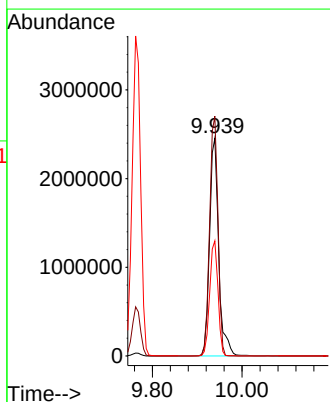
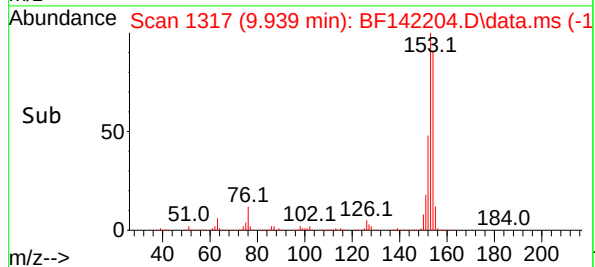
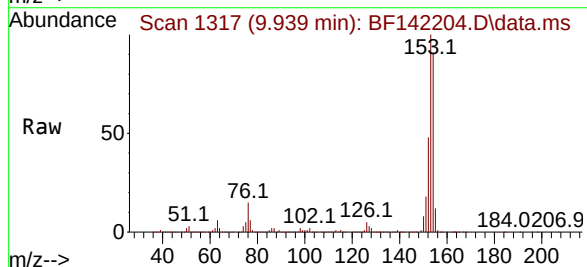
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

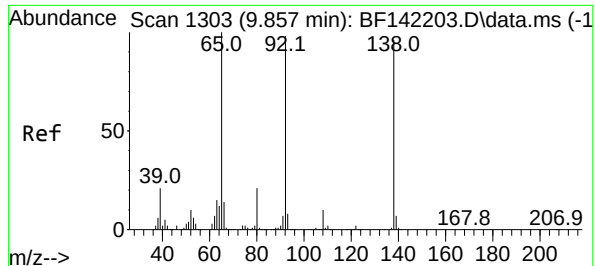
Tgt Ion:165 Resp: 913705
Ion Ratio Lower Upper
165 100
63 45.0 35.4 53.2
89 49.1 38.6 58.0



#52
Acenaphthene
Concen: 47.714 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:154 Resp: 3455698
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 52.9 41.8 62.8

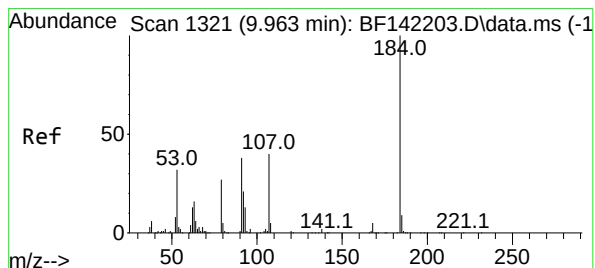
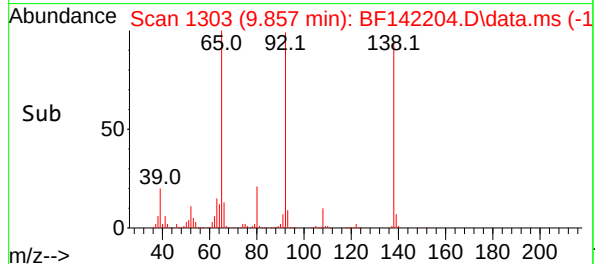
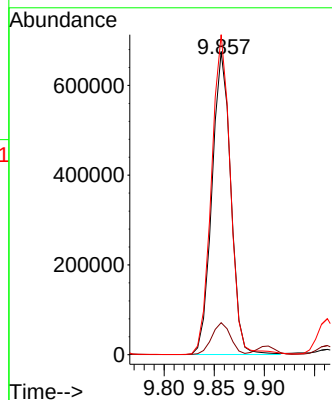
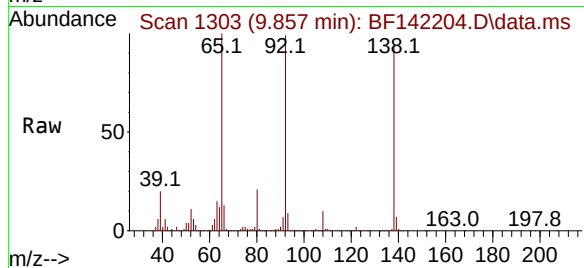




#53
3-Nitroaniline
Concen: 50.007 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

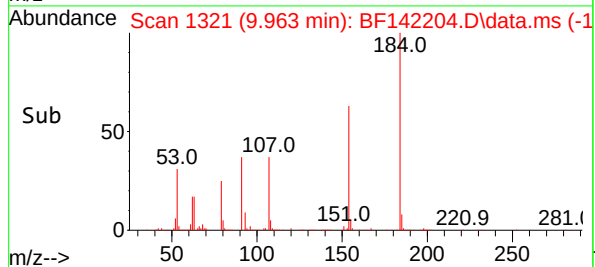
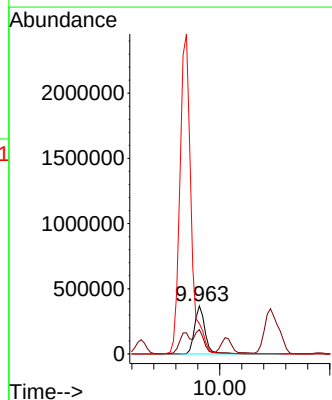
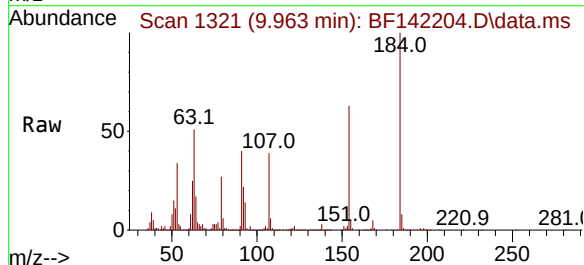
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

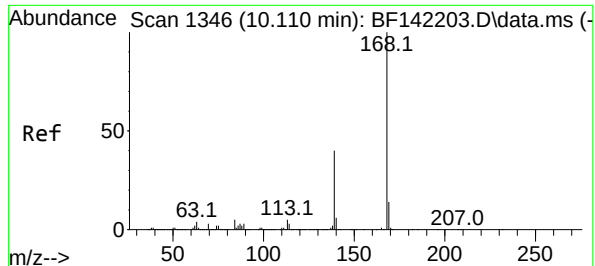
Tgt Ion:138 Resp: 881139
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 105.5 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 54.404 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:184 Resp: 490011
Ion Ratio Lower Upper
184 100
63 50.7 39.0 58.4
154 63.3 52.2 78.4

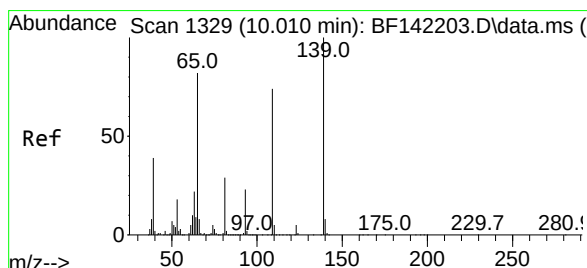
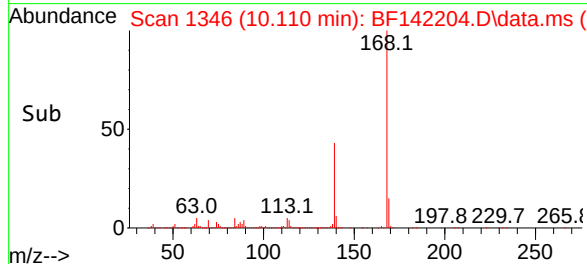
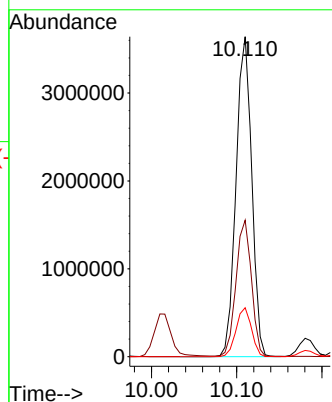
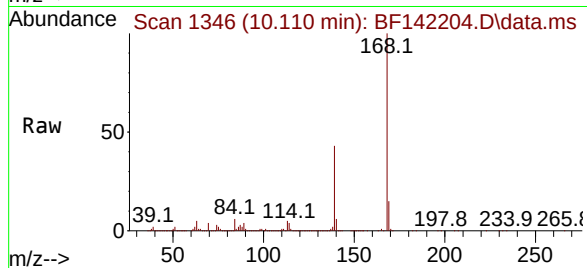




#55
Dibenzenofuran
Concen: 45.758 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

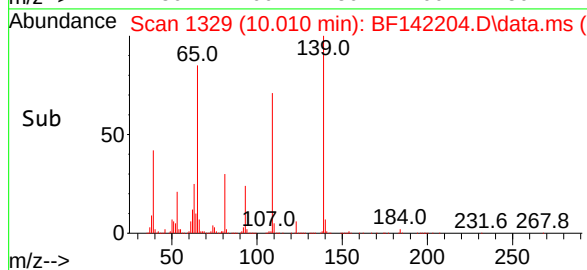
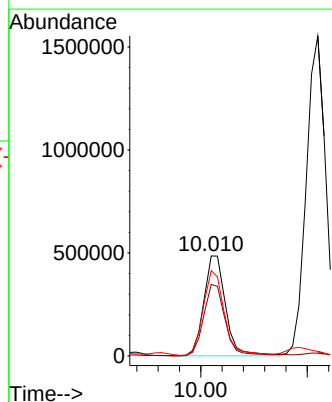
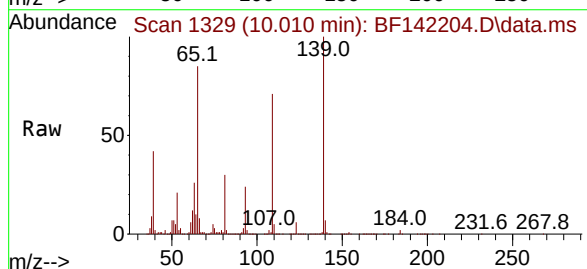
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

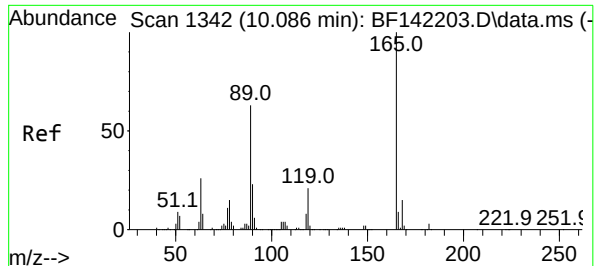
Tgt Ion:168 Resp: 4646035
Ion Ratio Lower Upper
168 100
139 42.7 32.3 48.5
169 15.3 11.4 17.0



#56
4-Nitrophenol
Concen: 53.444 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:139 Resp: 688860
Ion Ratio Lower Upper
139 100
109 71.4 54.1 94.1
65 85.3 62.1 102.1

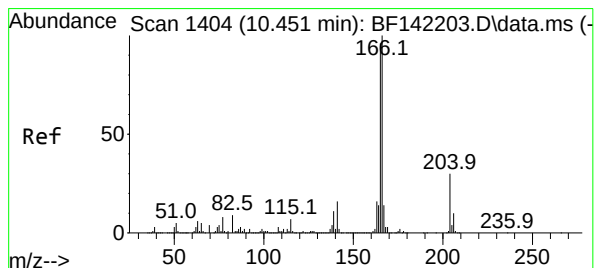
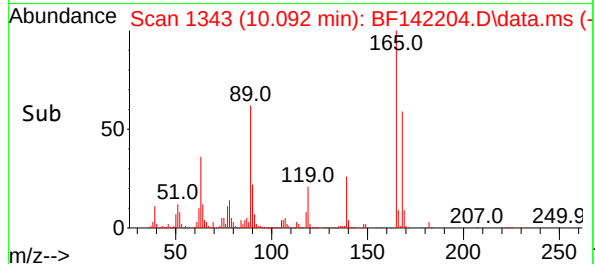
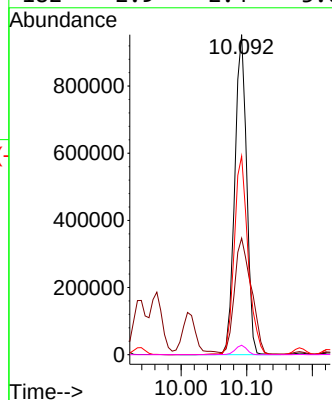
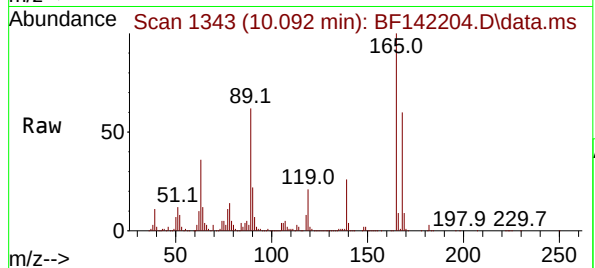




#57
2,4-Dinitrotoluene
Concen: 50.455 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

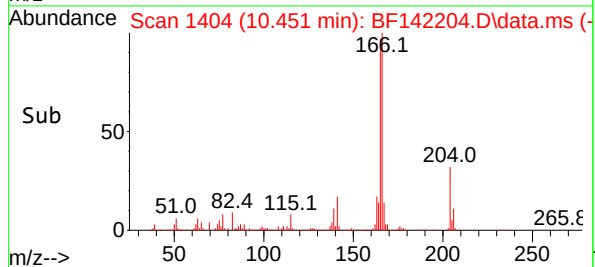
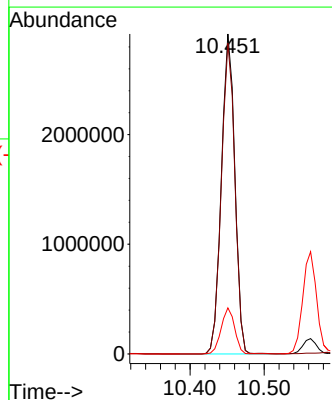
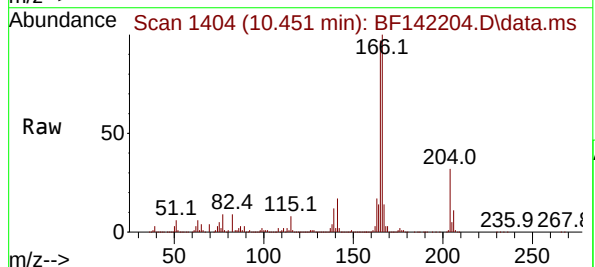
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

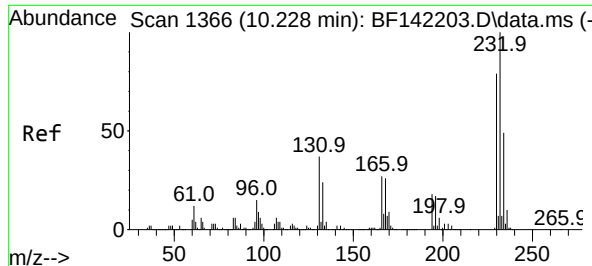
Tgt Ion:165 Resp: 1198406
Ion Ratio Lower Upper
165 100
63 36.4 29.0 43.6
89 62.0 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 46.987 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

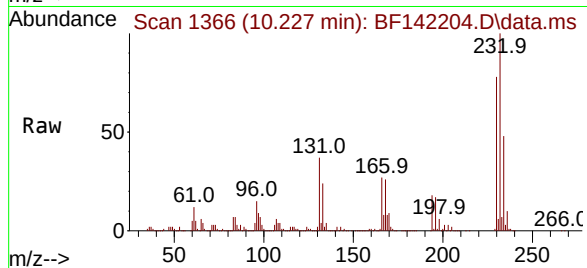
Tgt Ion:166 Resp: 3690555
Ion Ratio Lower Upper
166 100
165 97.1 77.1 115.7
167 14.4 11.0 16.4



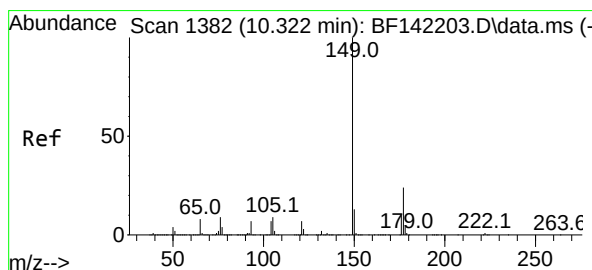
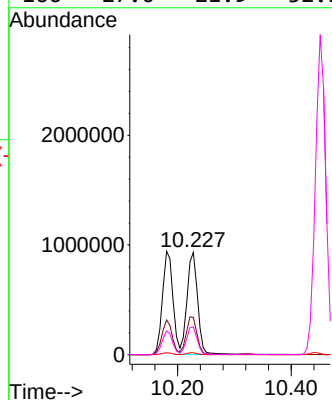
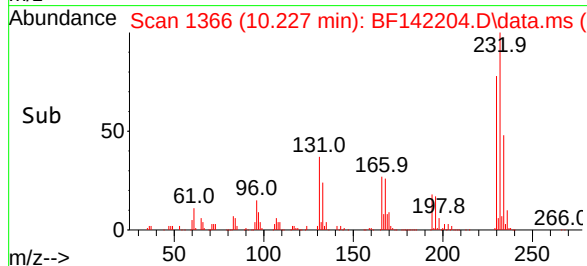


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.532 ng
RT: 10.227 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

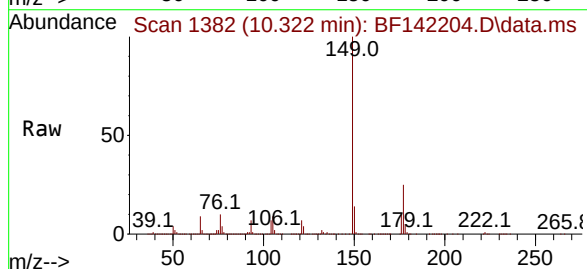
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



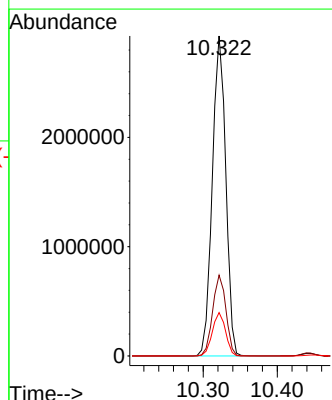
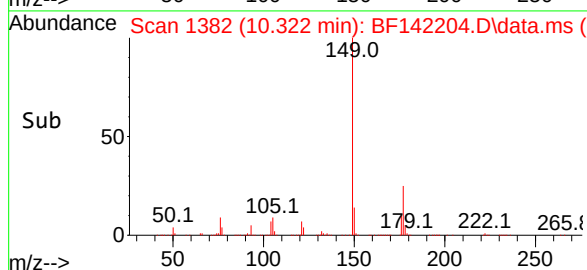
Tgt Ion:232 Resp: 1205116
Ion Ratio Lower Upper
232 100
131 37.7 31.9 47.9
130 1.8 1.6 2.4
166 27.0 21.9 32.9

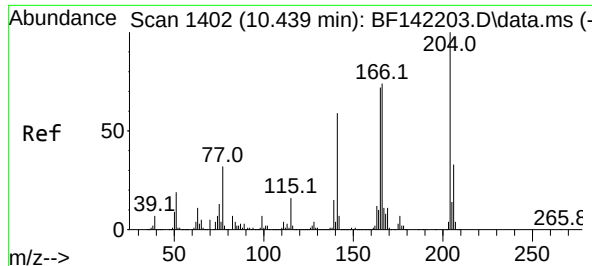


#60
Diethylphthalate
Concen: 48.230 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33



Tgt Ion:149 Resp: 3688889
Ion Ratio Lower Upper
149 100
177 25.3 19.6 29.4
150 13.5 10.6 15.8

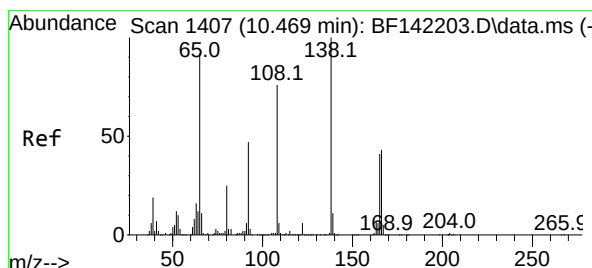
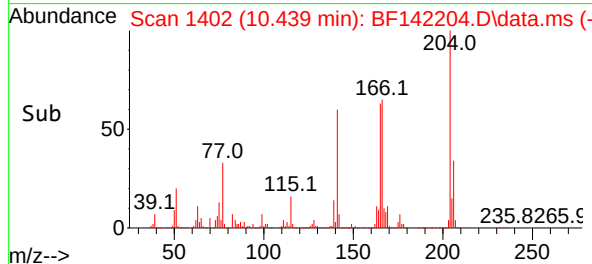
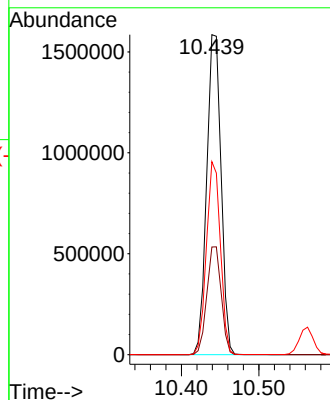
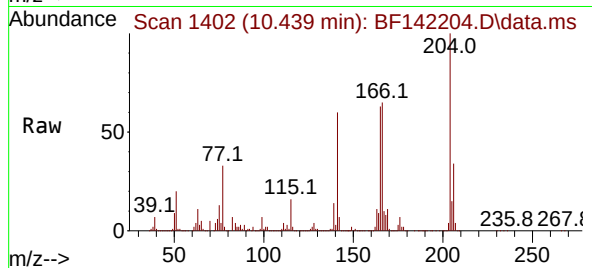




#61
4-Chlorophenyl-phenylether
Concen: 47.214 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

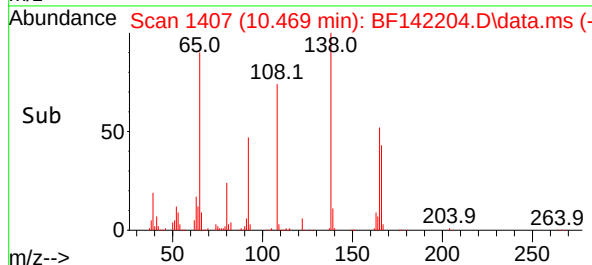
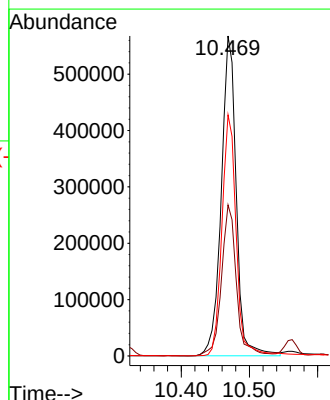
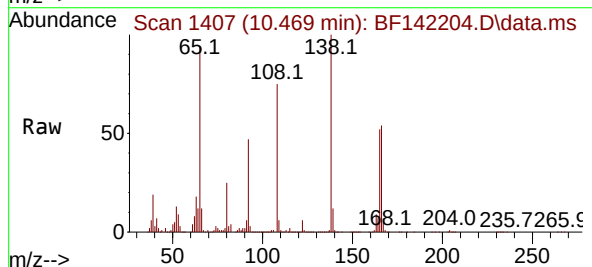
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

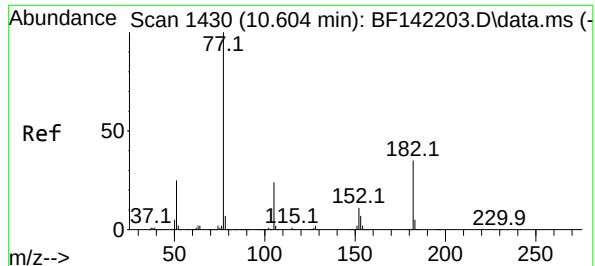
Tgt Ion:204 Resp: 2041912
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 60.3 47.0 70.6



#62
4-Nitroaniline
Concen: 51.804 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

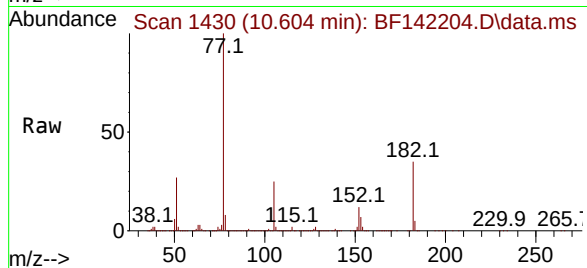
Tgt Ion:138 Resp: 867626
Ion Ratio Lower Upper
138 100
92 47.2 26.7 66.7
108 75.4 56.5 96.5



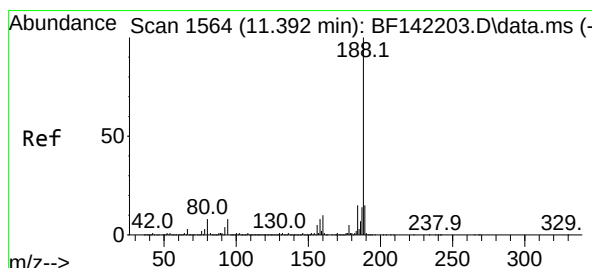
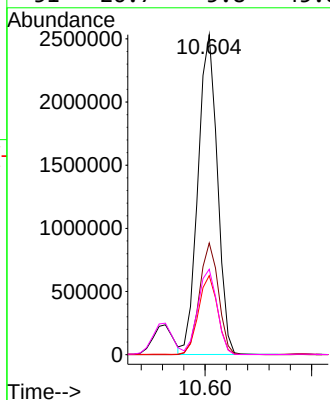
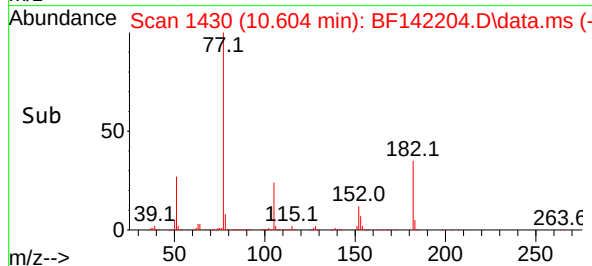


#63
Azobenzene
Concen: 48.040 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

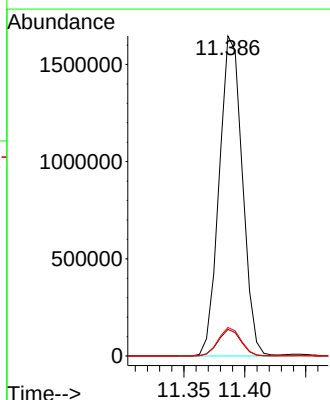
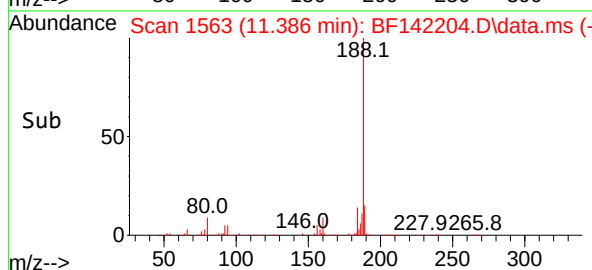
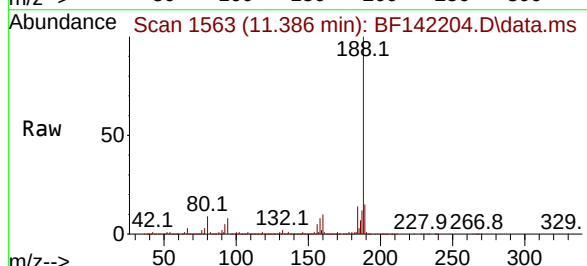


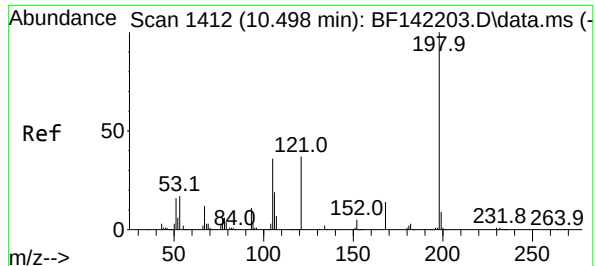
Tgt Ion: 77 Resp: 3199494
Ion Ratio Lower Upper
77 100
182 34.9 14.8 54.8
105 24.7 4.0 44.0
51 26.7 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 188 Resp: 2180134
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 8.9 6.7 10.1

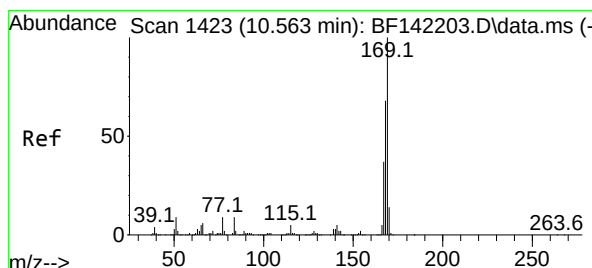
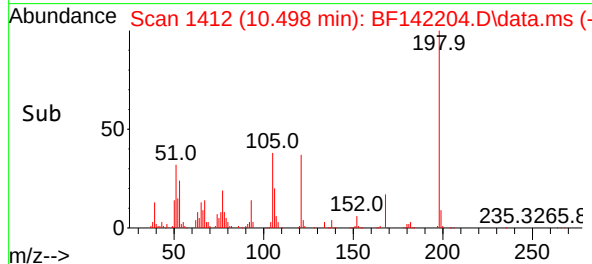
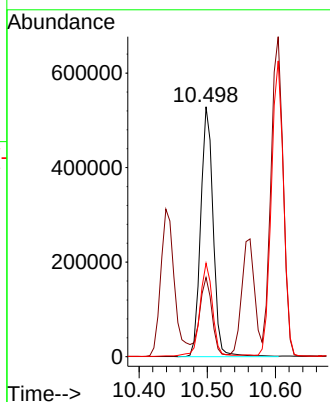
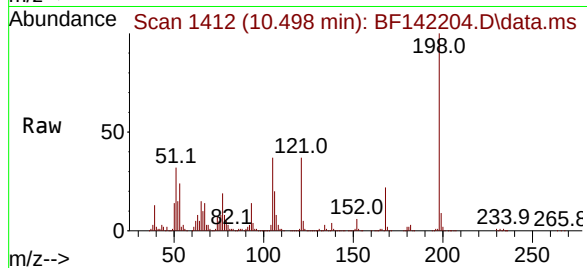




#65
4,6-Dinitro-2-methylphenol
Concen: 52.731 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

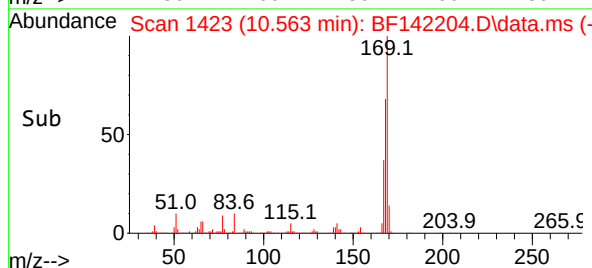
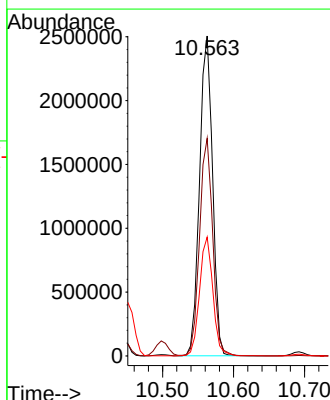
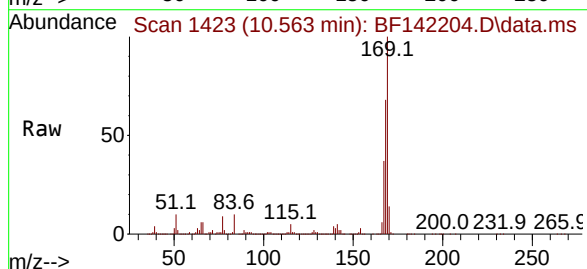
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

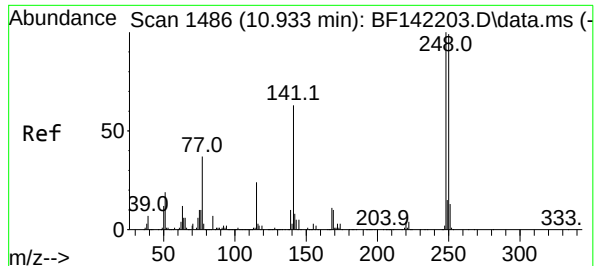
Tgt Ion:198 Resp: 671047
Ion Ratio Lower Upper
198 100
51 31.7 10.2 50.2
105 37.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 47.872 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:169 Resp: 3198716
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.2
167 37.2 29.4 44.2

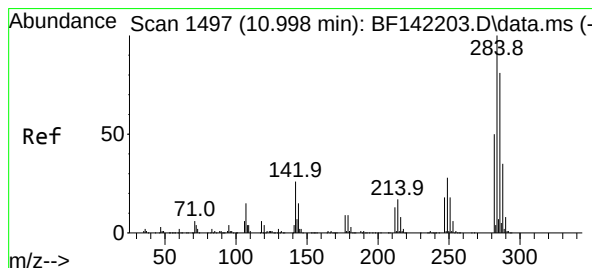
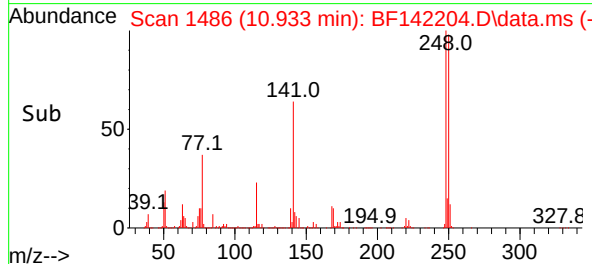
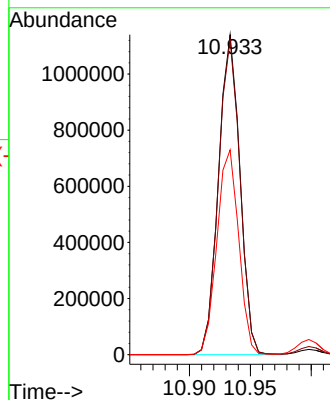
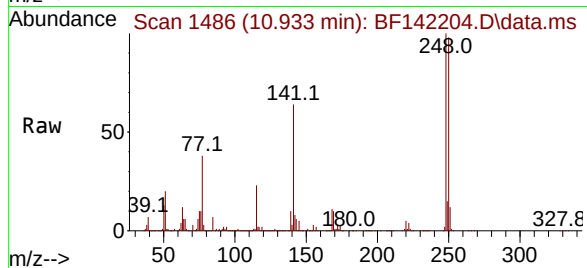




#67
4-Bromophenyl-phenylether
Concen: 48.805 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

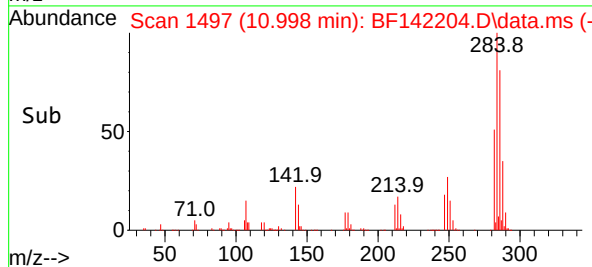
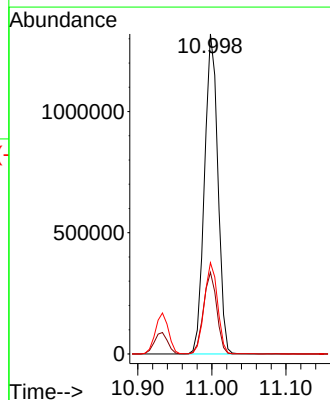
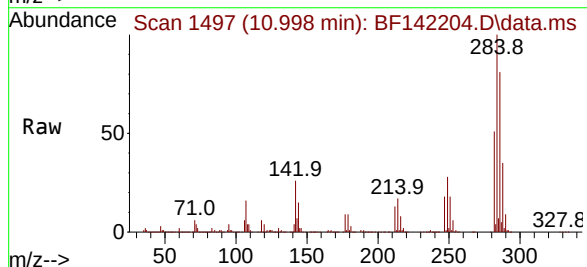
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

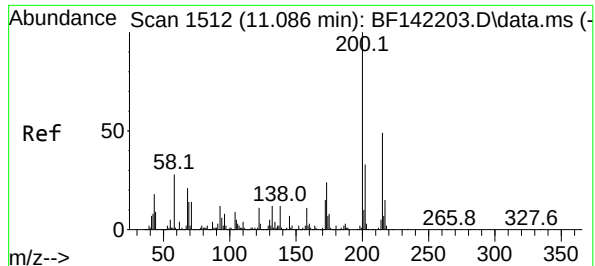
Tgt Ion:248 Resp: 1399305
Ion Ratio Lower Upper
248 100
250 98.4 78.8 118.2
141 64.0 50.6 75.8



#68
Hexachlorobenzene
Concen: 48.559 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:284 Resp: 1656836
Ion Ratio Lower Upper
284 100
142 25.5 20.7 31.1
249 28.5 22.8 34.2

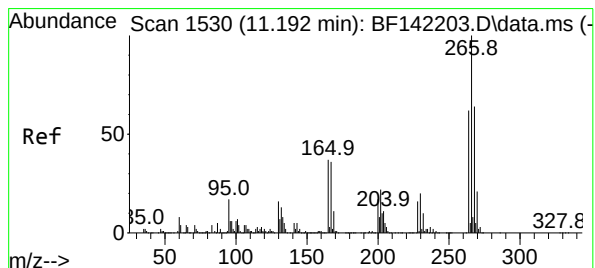
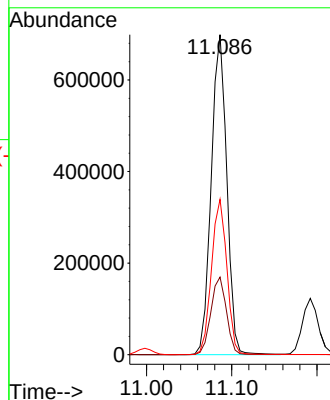
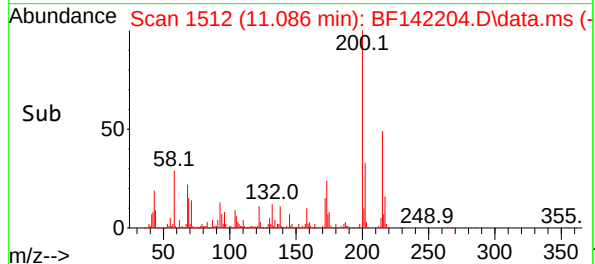
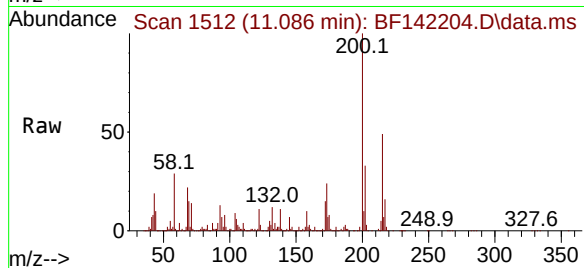




#69
Atrazine
Concen: 54.265 ng
RT: 11.086 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

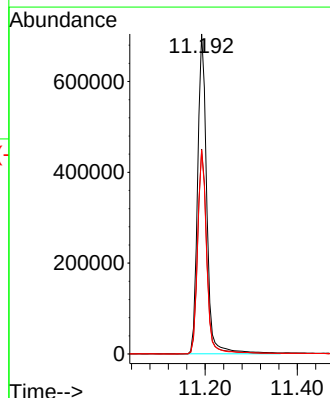
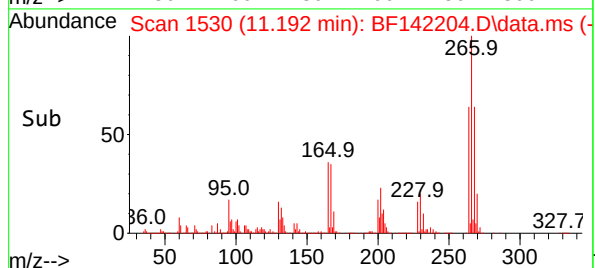
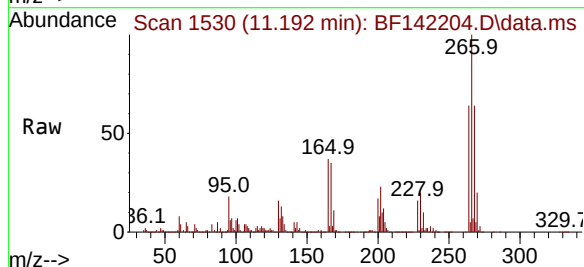
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

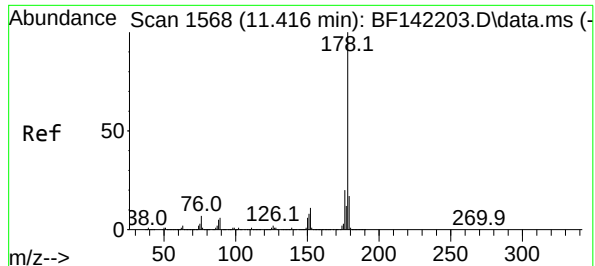
Tgt Ion:200 Resp: 884832
Ion Ratio Lower Upper
200 100
173 24.2 4.4 44.4
215 48.5 28.6 68.6



#70
Pentachlorophenol
Concen: 55.635 ng
RT: 11.192 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:266 Resp: 968375
Ion Ratio Lower Upper
266 100
268 64.1 50.9 76.3
264 63.6 49.4 74.2

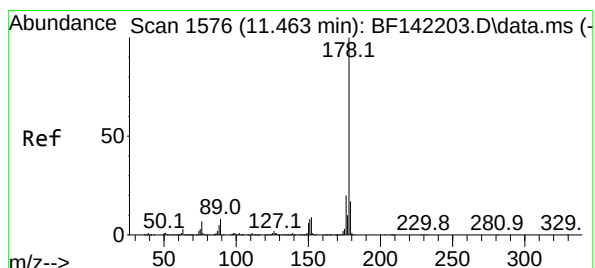
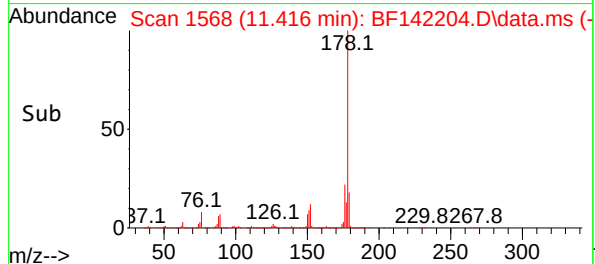
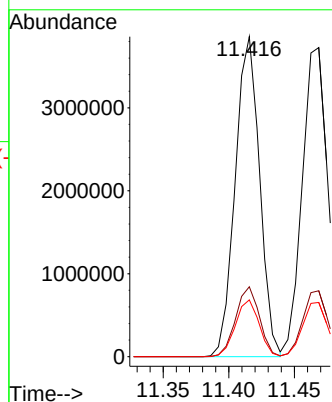
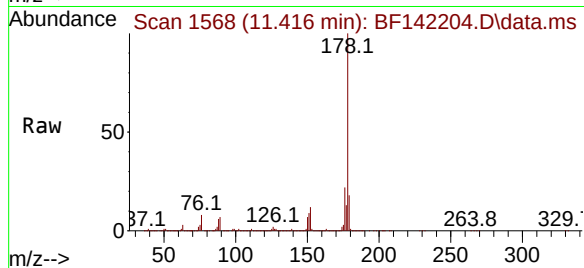




#71
Phenanthrene
Concen: 46.136 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

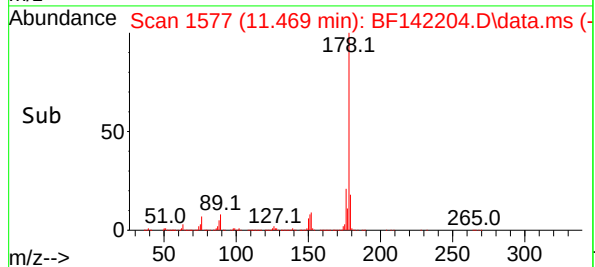
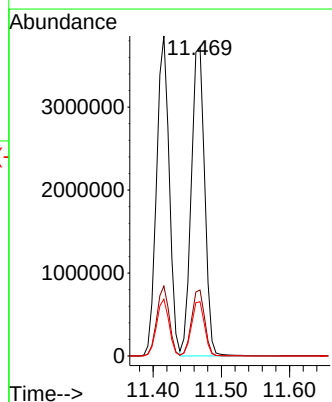
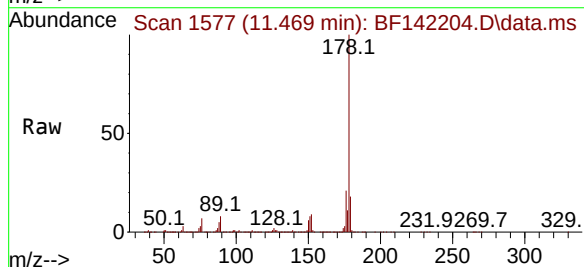
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

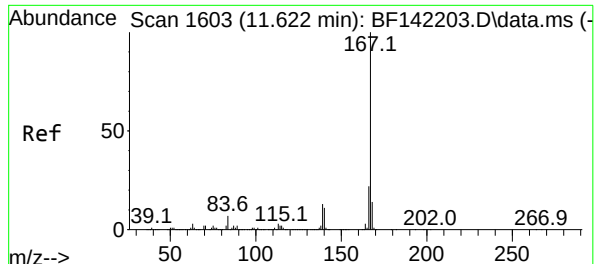
Tgt Ion:178 Resp: 4994835
Ion Ratio Lower Upper
178 100
176 21.8 16.3 24.5
179 17.8 13.3 19.9



#72
Anthracene
Concen: 46.605 ng
RT: 11.469 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:178 Resp: 5045026
Ion Ratio Lower Upper
178 100
176 21.3 15.6 23.4
179 17.5 13.4 20.0

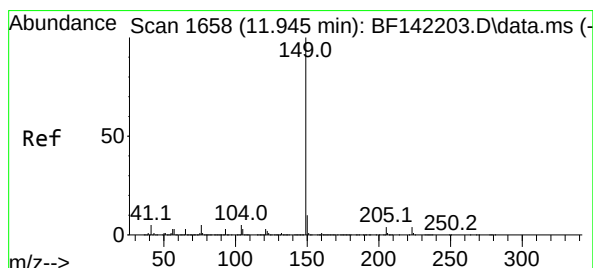
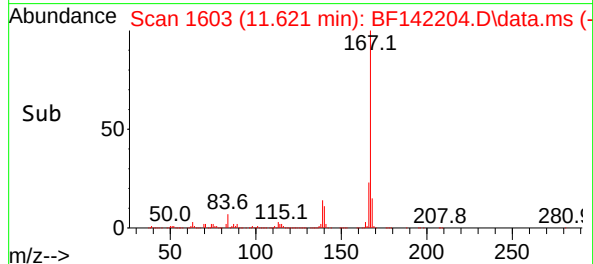
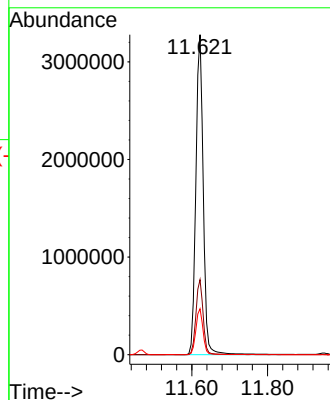
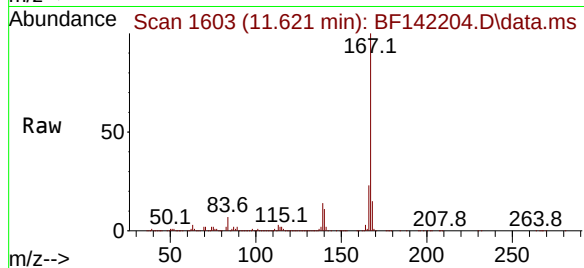




#73
Carbazole
Concen: 47.340 ng
RT: 11.621 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

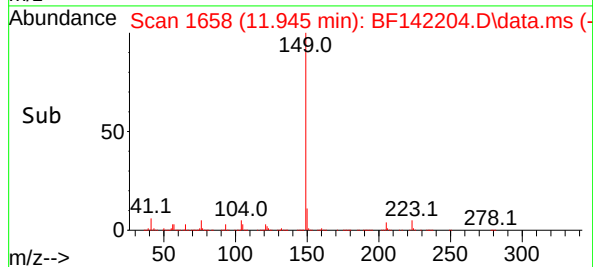
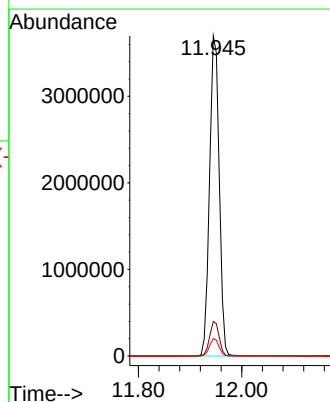
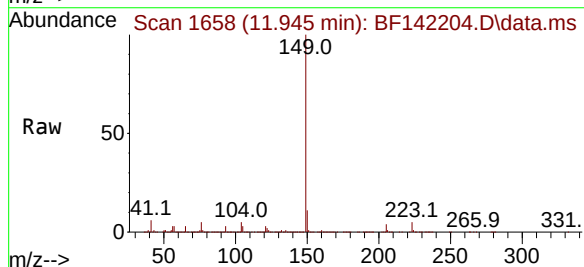
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

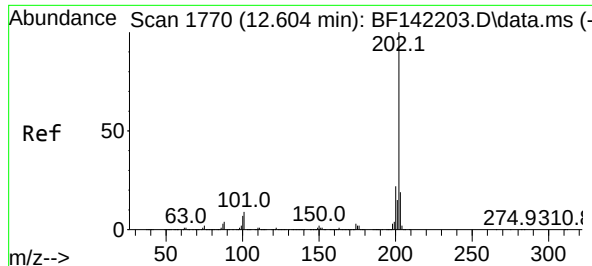
Tgt Ion:167 Resp: 4477008
Ion Ratio Lower Upper
167 100
166 23.5 17.4 26.2
139 14.3 10.7 16.1



#74
Di-n-butylphthalate
Concen: 49.054 ng
RT: 11.945 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:149 Resp: 4801543
Ion Ratio Lower Upper
149 100
150 10.8 7.9 11.9
104 5.5 4.0 6.0

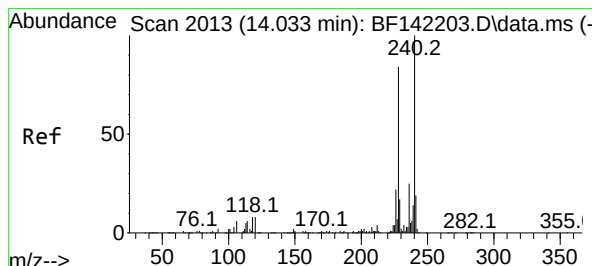
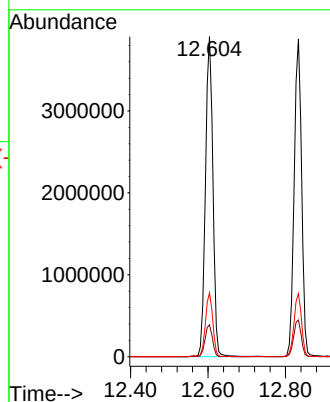
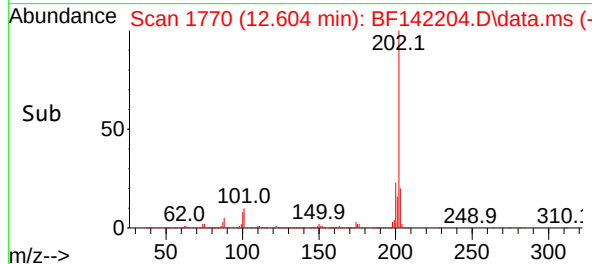
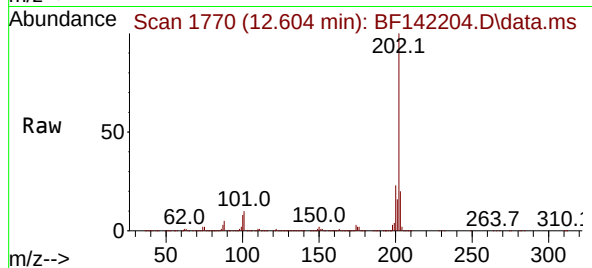




#75
Fluoranthene
Concen: 46.238 ng
RT: 12.604 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

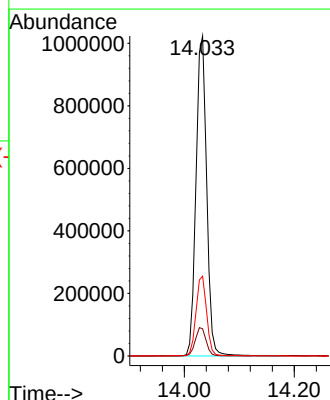
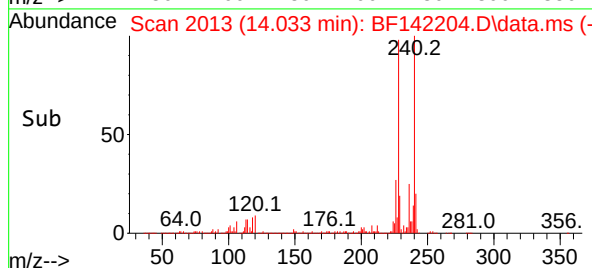
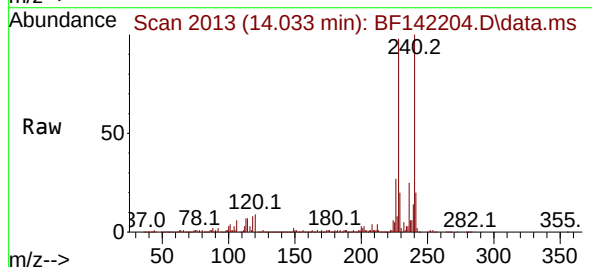
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

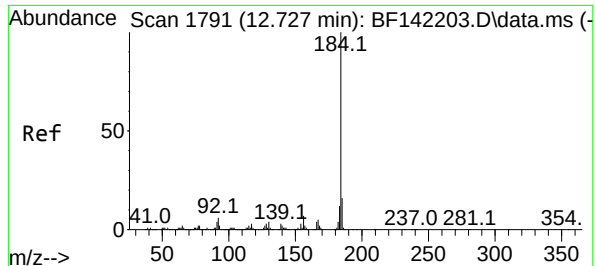
Tgt Ion:202 Resp: 5203428
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.9
203 20.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:240 Resp: 1377336
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.0 20.2 30.2

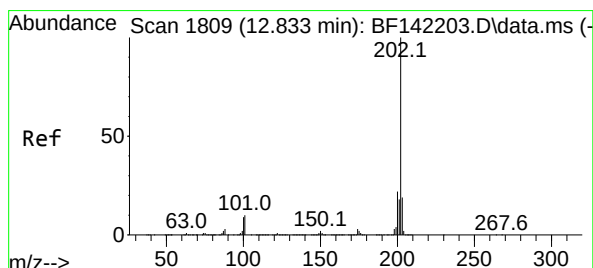
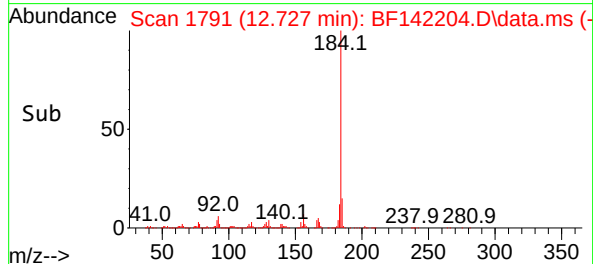
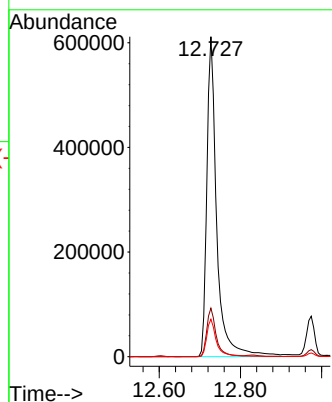
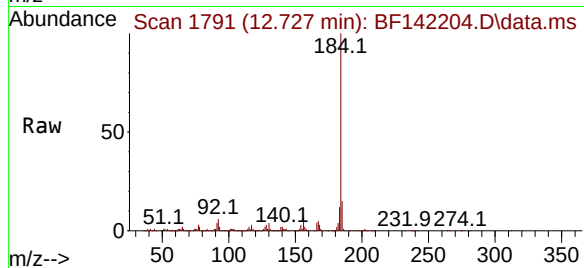




#77
Benzidine
Concen: 58.223 ng
RT: 12.727 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

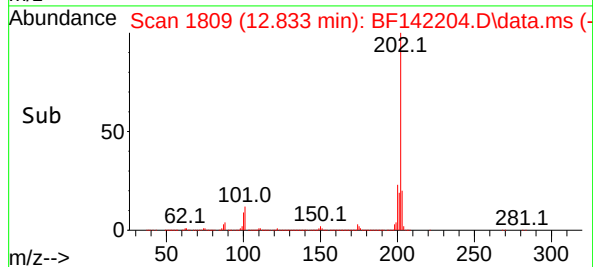
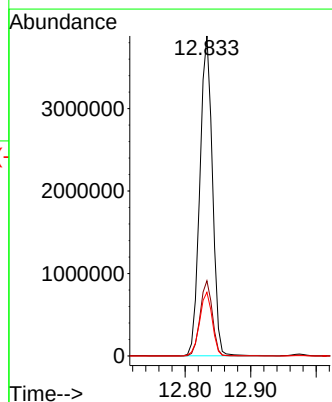
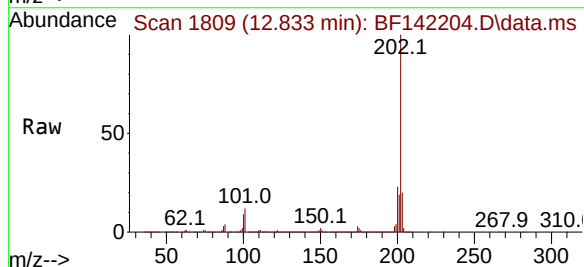
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

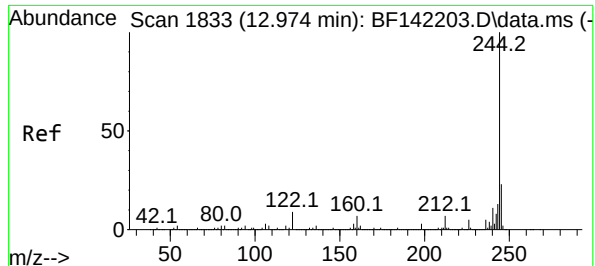
Tgt Ion:184 Resp: 1034866
Ion Ratio Lower Upper
184 100
185 15.1 13.0 19.6
183 11.7 9.6 14.4



#78
Pyrene
Concen: 47.251 ng
RT: 12.833 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:202 Resp: 5168816
Ion Ratio Lower Upper
202 100
200 23.5 17.6 26.4
203 19.9 14.8 22.2





#79

Terphenyl-d14

Concen: 85.049 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

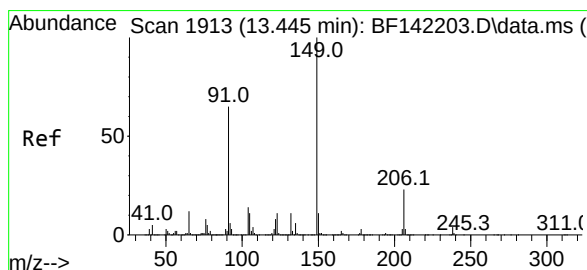
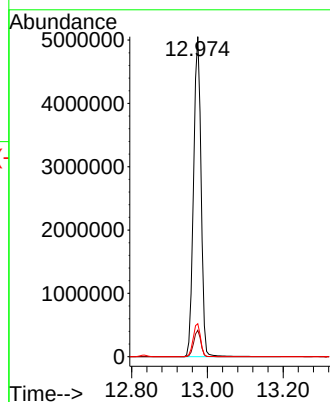
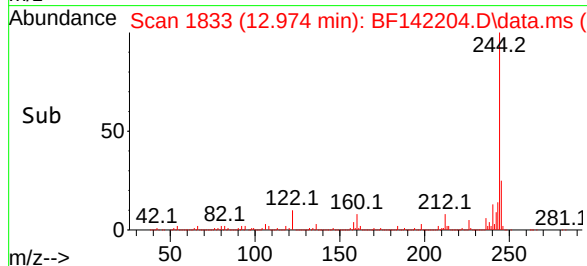
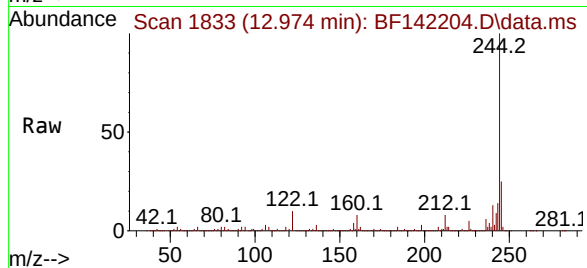
Tgt Ion:244 Resp: 6992233

Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

122 10.3 7.3 10.9



#80

Butylbenzylphthalate

Concen: 56.317 ng

RT: 13.445 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

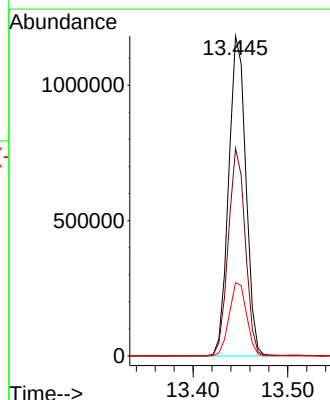
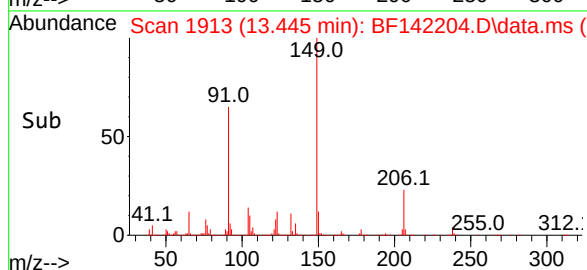
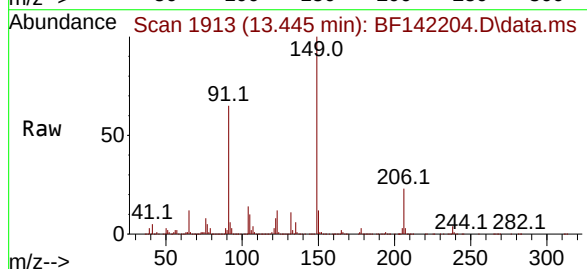
Tgt Ion:149 Resp: 1491142

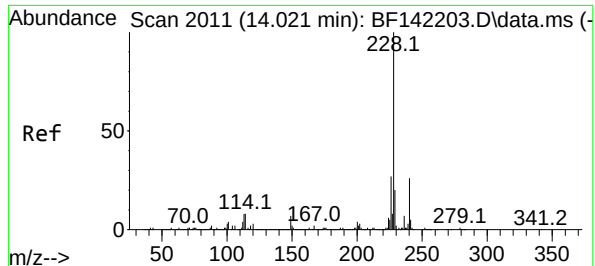
Ion Ratio Lower Upper

149 100

91 64.9 51.8 77.8

206 22.9 18.2 27.4

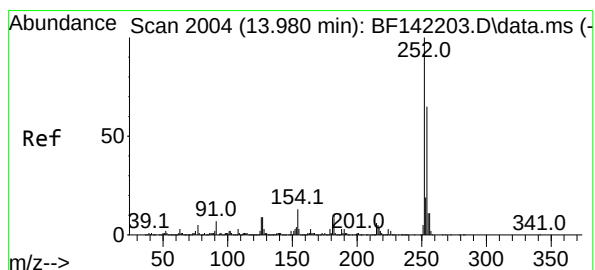
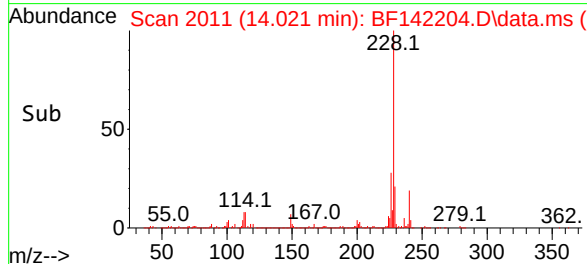
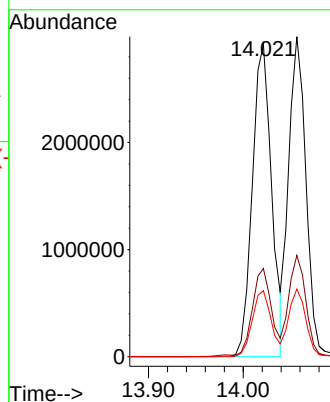
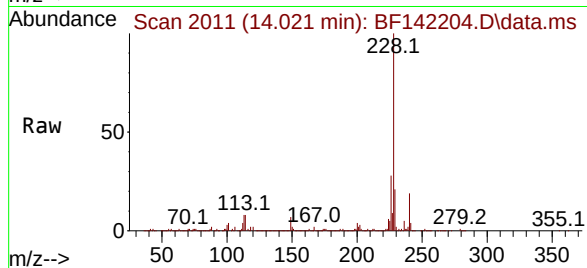




#81
Benzo(a)anthracene
Concen: 49.479 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

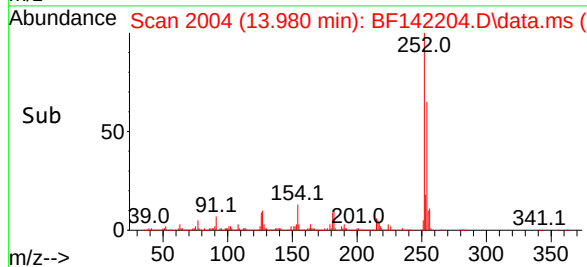
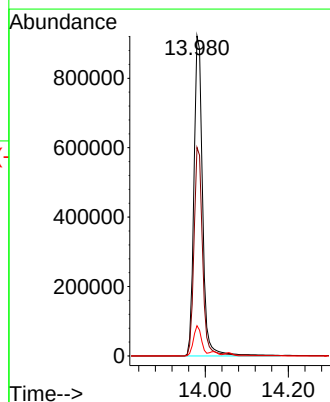
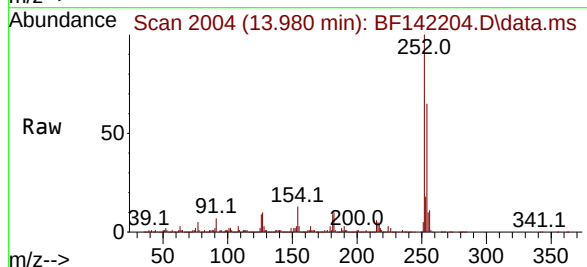
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

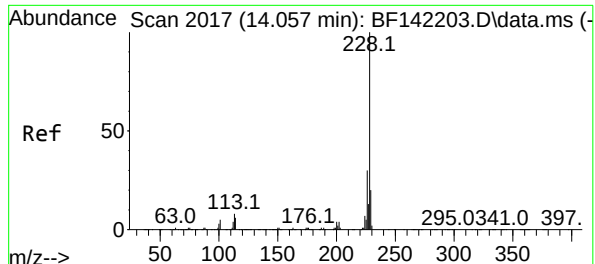
Tgt Ion:228 Resp: 4127639
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 21.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 53.527 ng
RT: 13.980 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:252 Resp: 1329717
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 9.5 7.4 11.0

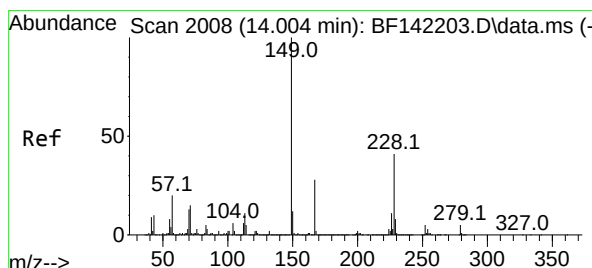
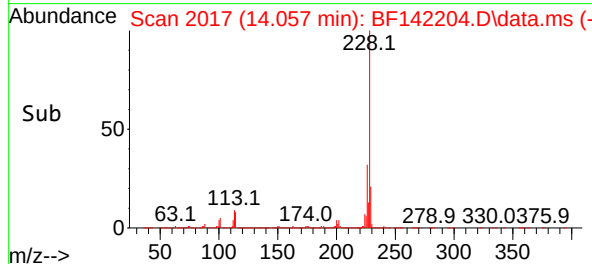
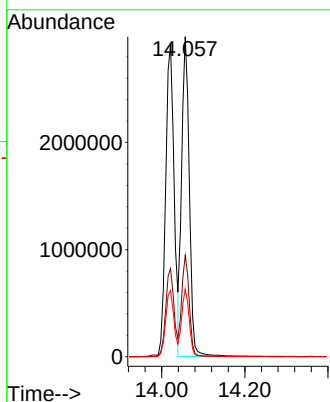
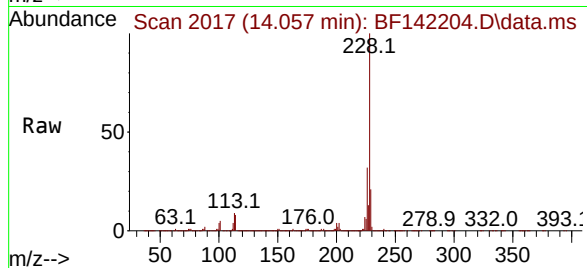




#83
Chrysene
Concen: 47.925 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

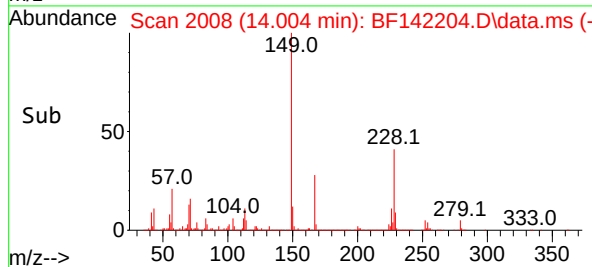
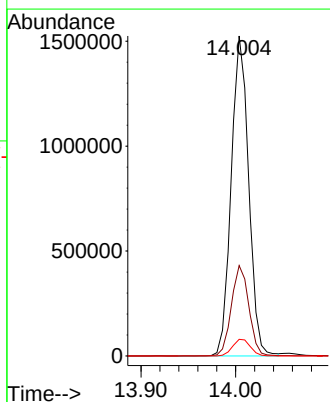
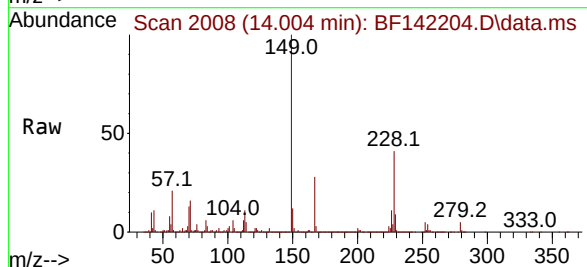
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

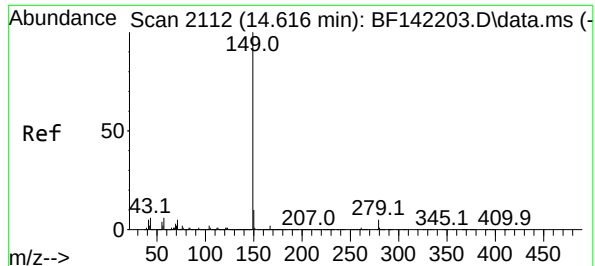
Tgt Ion:228 Resp: 3852046
Ion Ratio Lower Upper
228 100
226 31.6 23.9 35.9
229 21.2 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.955 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:149 Resp: 1946586
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 5.2 4.2 6.2

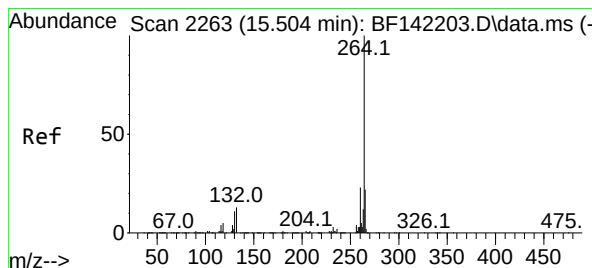
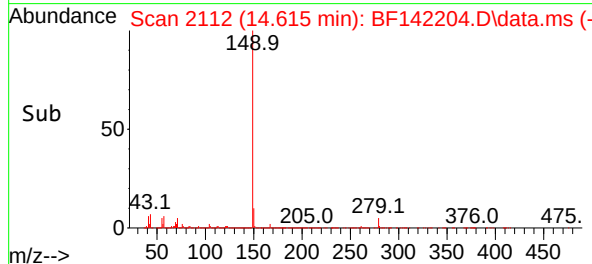
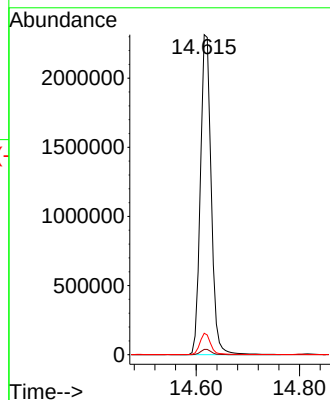
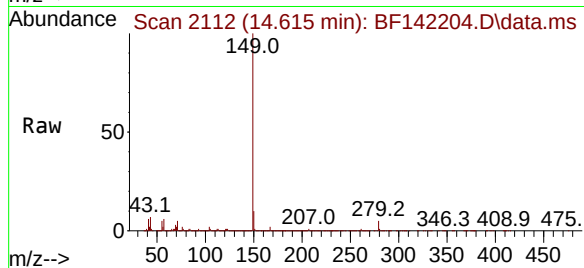




#85
Di-n-octyl phthalate
Concen: 53.361 ng
RT: 14.615 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

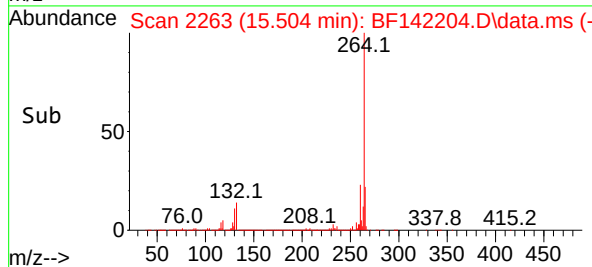
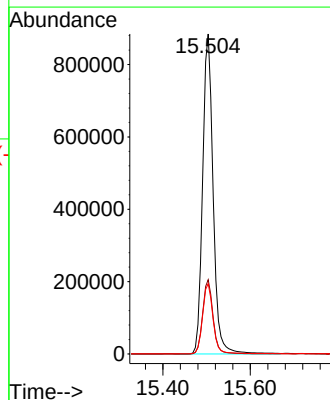
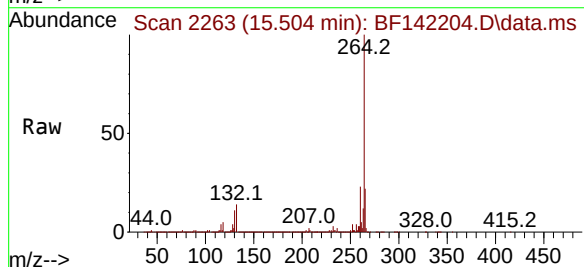
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

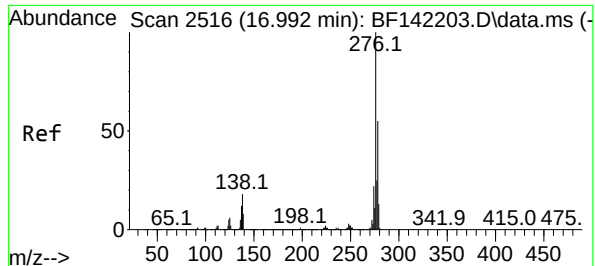
Tgt Ion:149 Resp: 3347714
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.6 5.3 7.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

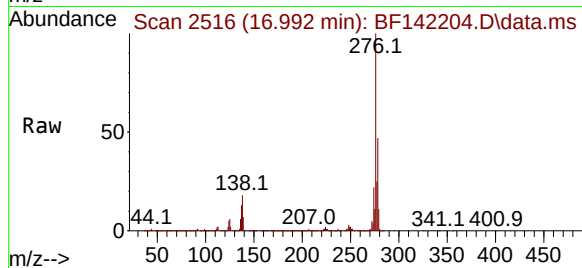
Tgt Ion:264 Resp: 1484280
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 22.0 16.9 25.3



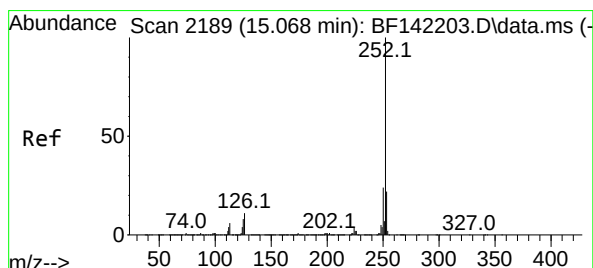
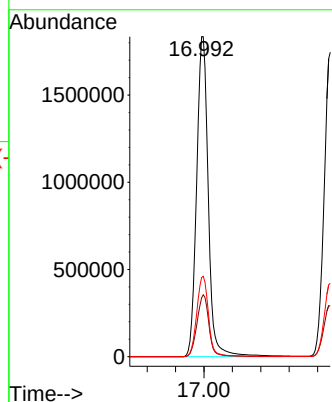
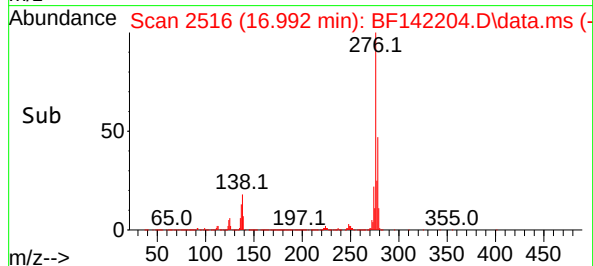


#87
Indeno(1,2,3-cd)pyrene
Concen: 50.364 ng
RT: 16.992 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

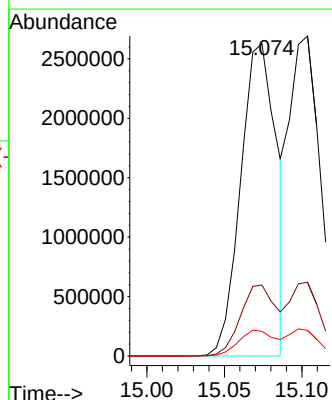
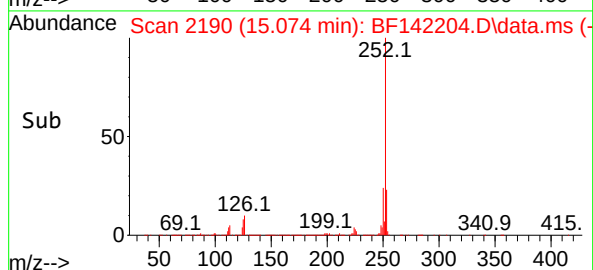
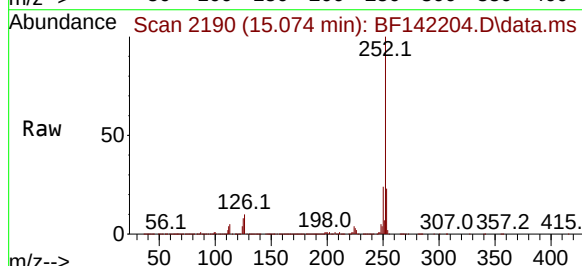


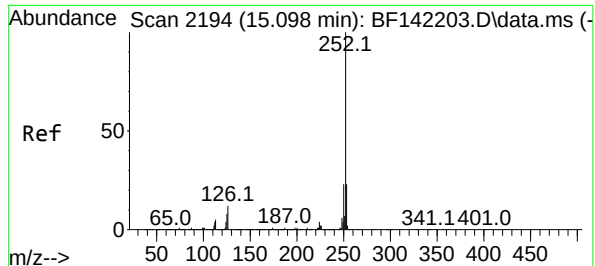
Tgt Ion:276 Resp: 5244836
Ion Ratio Lower Upper
276 100
138 19.7 15.1 22.7
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 50.731 ng
RT: 15.074 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:252 Resp: 4224463
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 47.768 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

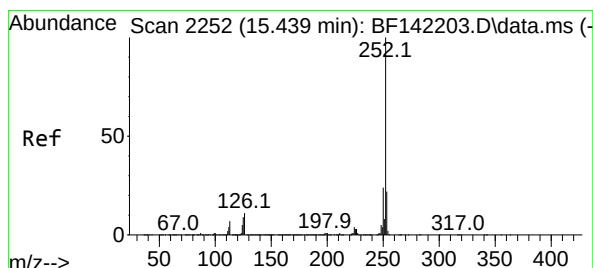
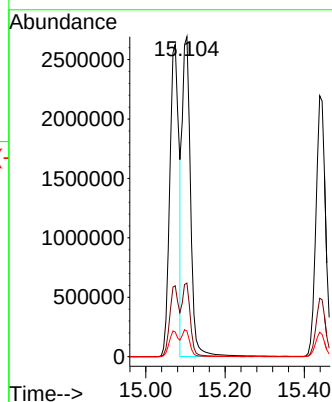
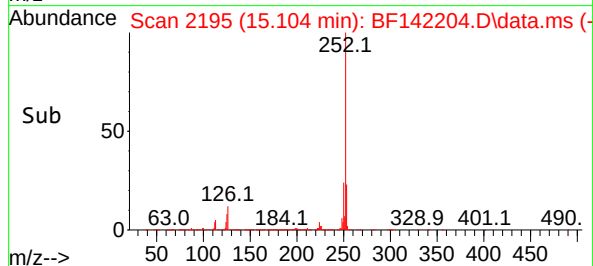
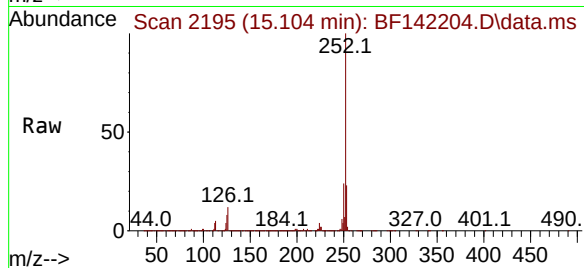
Tgt Ion:252 Resp: 3934065

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 8.0 6.6 10.0



#90

Benzo(a)pyrene

Concen: 49.882 ng

RT: 15.439 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

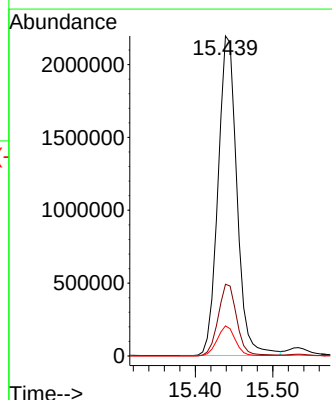
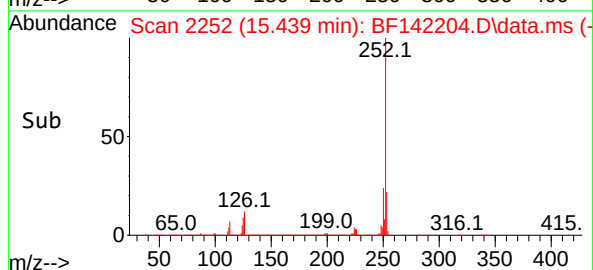
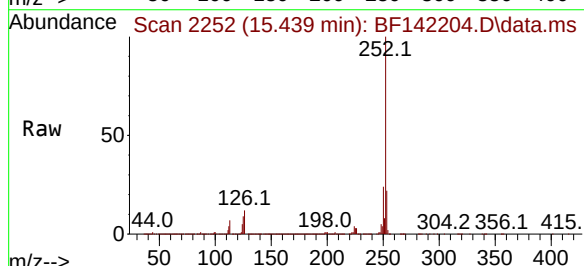
Tgt Ion:252 Resp: 3717391

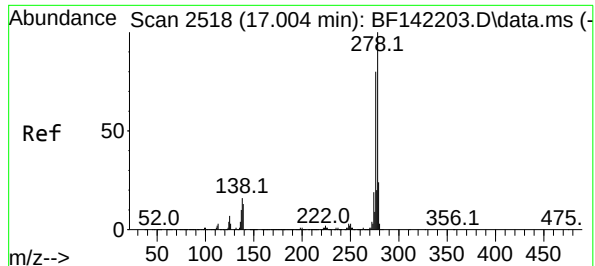
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.4 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 50.568 ng

RT: 17.009 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

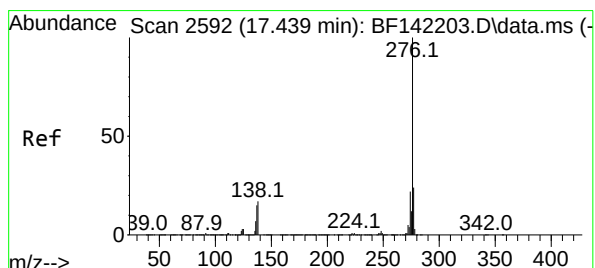
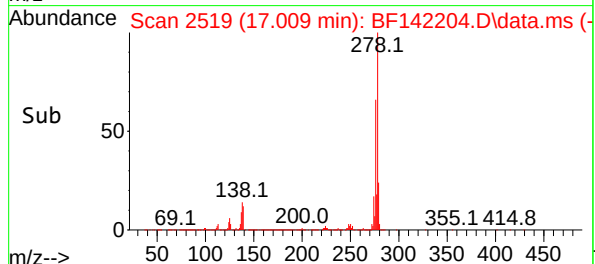
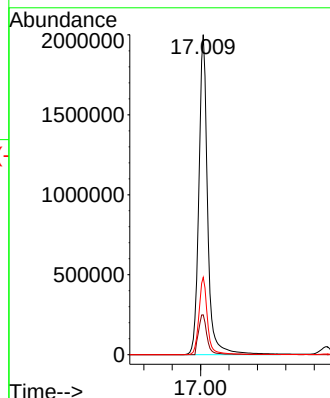
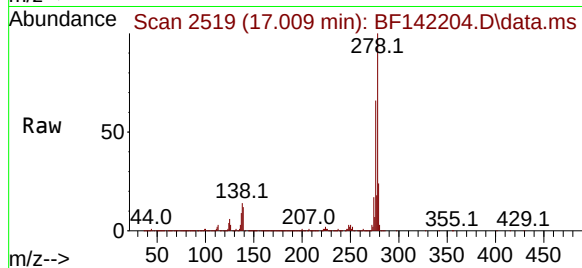
Tgt Ion:278 Resp: 4295766

Ion Ratio Lower Upper

278 100

139 12.5 10.2 15.4

279 24.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 50.379 ng

RT: 17.445 min Scan# 2593

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

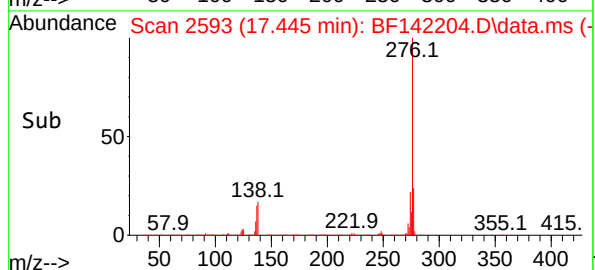
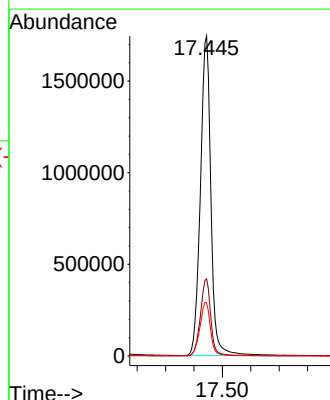
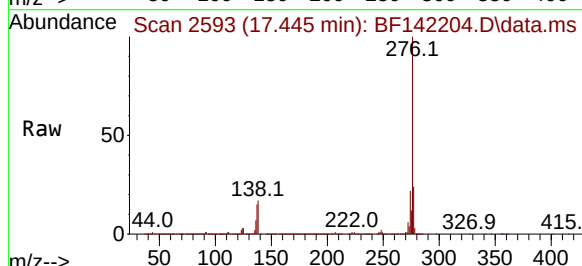
Tgt Ion:276 Resp: 4457551

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 16.6 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142205.D
 Acq On : 21 Apr 2025 14:02
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 22 02:03:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	616279	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	2213600	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1236465	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	2095728	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1348321	20.000	ng	0.00
86) Perylene-d12	15.504	264	1537238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3813648	116.019	ng	0.00
7) Phenol-d6	6.498	99	4769026	115.848	ng	0.00
23) Nitrobenzene-d5	7.434	82	4131873	117.226	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	2139046	126.528	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	7218795	95.159	ng	0.00
79) Terphenyl-d14	12.974	244	7597917	94.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	770065	57.714	ng	98
3) Pyridine	3.375	79	1739640	60.069	ng	99
4) n-Nitrosodimethylamine	3.340	42	719585	61.193	ng	# 93
6) Aniline	6.534	93	2061385	54.231	ng	99
8) 2-Chlorophenol	6.651	128	2194700	58.329	ng	97
9) Benzaldehyde	6.416	77	1238932	54.816	ng	100
10) Phenol	6.510	94	2545250	58.619	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	1956282	59.745	ng	98
12) 1,3-Dichlorobenzene	6.810	146	2431944	57.038	ng	98
13) 1,4-Dichlorobenzene	6.887	146	2480068	56.713	ng	99
14) 1,2-Dichlorobenzene	7.040	146	2278503	56.008	ng	99
15) Benzyl Alcohol	7.010	79	1793329	59.747	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1846107	58.167	ng	97
17) 2-Methylphenol	7.116	107	1708169	60.320	ng	100
18) Hexachloroethane	7.375	117	872149	58.707	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	1322462	56.810	ng	98
20) 3+4-Methylphenols	7.275	107	2007004	56.985	ng	95
22) Acetophenone	7.281	105	2779764	57.210	ng	99
24) Nitrobenzene	7.451	77	2073500	59.380	ng	97
25) Isophorone	7.687	82	3511512	59.351	ng	100
26) 2-Nitrophenol	7.763	139	1210574	65.953	ng	99
27) 2,4-Dimethylphenol	7.798	122	1498782	62.800	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	2284729	58.837	ng	99
29) 2,4-Dichlorophenol	8.004	162	1968171	60.635	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	2230724	58.767	ng	100
31) Naphthalene	8.169	128	5655869	54.088	ng	96
32) Benzoic acid	7.939	122	1403483	61.384	ng	99
33) 4-Chloroaniline	8.222	127	2197559	58.040	ng	100
34) Hexachlorobutadiene	8.286	225	1476054	58.924	ng	99
35) Caprolactam	8.598	113	566180	65.386	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	1978240	60.544	ng	98
37) 2-Methylnaphthalene	8.863	142	4033478	55.813	ng	100
38) 1-Methylnaphthalene	8.963	142	3901433	55.757	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	2365444	58.468	ng	99
41) Hexachlorocyclopentadiene	9.010	237	847013	68.276	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	1469667	62.222	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142205.D
 Acq On : 21 Apr 2025 14:02
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 22 02:03:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

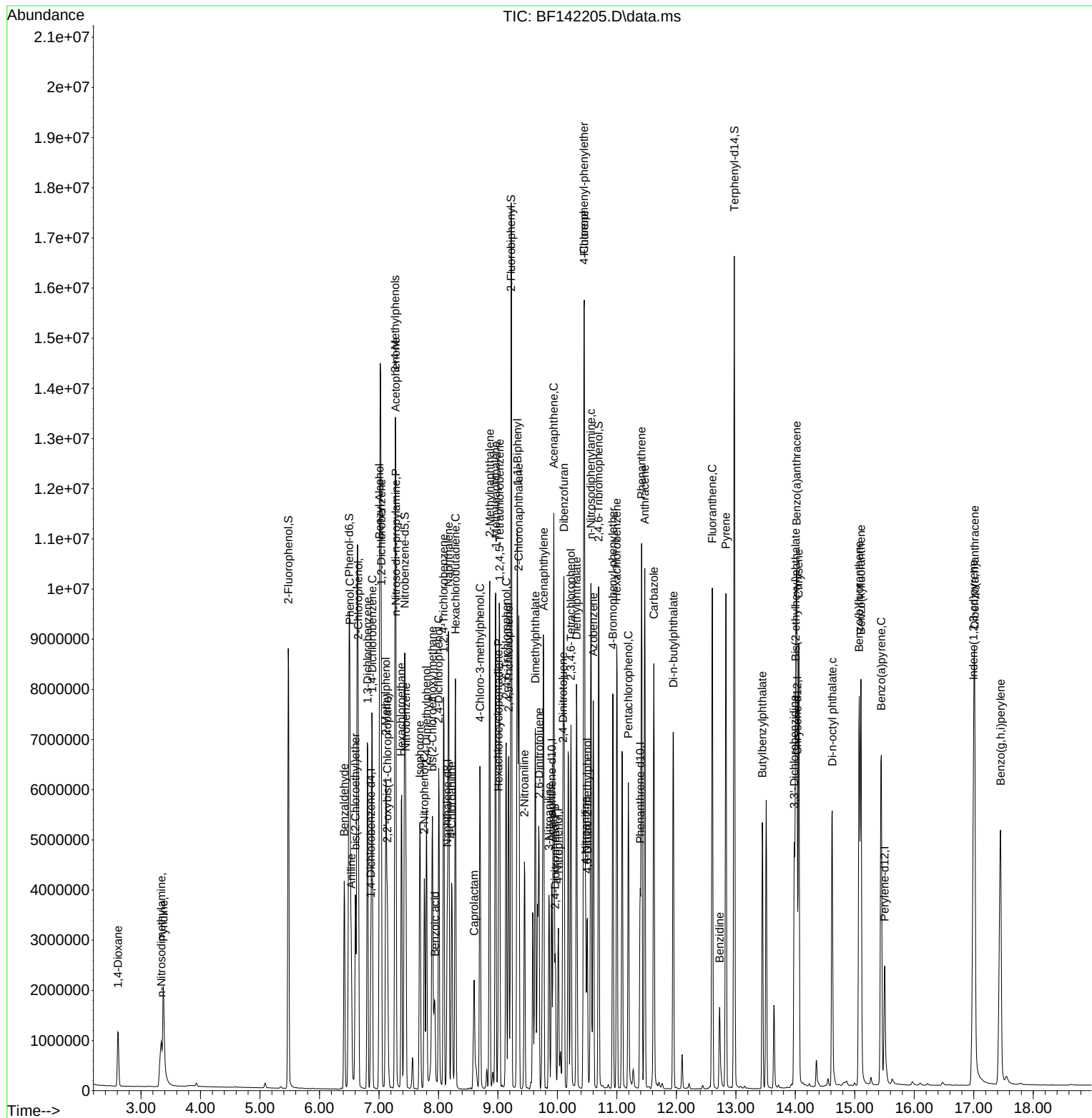
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	1601362	63.251	ng	98
46) 1,1'-Biphenyl	9.328	154	4807939	54.226	ng	95
47) 2-Chloronaphthalene	9.351	162	3945490	57.329	ng	97
48) 2-Nitroaniline	9.445	65	1018914	63.161	ng	98
49) Acenaphthylene	9.769	152	5336299	54.857	ng	95
50) Dimethylphthalate	9.628	163	4665173	58.846	ng	99
51) 2,6-Dinitrotoluene	9.692	165	1084356	60.923	ng	98
52) Acenaphthene	9.939	154	4089310	58.336	ng	98
53) 3-Nitroaniline	9.857	138	998302	58.536	ng	95
54) 2,4-Dinitrophenol	9.963	184	614577	70.499	ng	98
55) Dibenzofuran	10.110	168	5386705	54.813	ng	95
56) 4-Nitrophenol	10.016	139	828927	66.446	ng	96
57) 2,4-Dinitrotoluene	10.092	165	1452828	63.197	ng	99
58) Fluorene	10.451	166	4256894	55.996	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	1446909	63.925	ng	98
60) Diethylphthalate	10.322	149	4278367	57.794	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	2422507	57.874	ng	98
62) 4-Nitroaniline	10.475	138	1028845	63.469	ng	99
63) Azobenzene	10.604	77	3681883	57.118	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	826648	67.574	ng	99
66) n-Nitrosodiphenylamine	10.563	169	3742449	58.266	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1654029	60.013	ng	99
68) Hexachlorobenzene	10.998	284	1952979	59.544	ng	99
70) Pentachlorophenol	11.192	266	1160747	69.373	ng	99
71) Phenanthrene	11.416	178	5691957	54.693	ng	95
72) Anthracene	11.469	178	5713319	54.904	ng	95
73) Carbazole	11.622	167	5095707	56.052	ng	96
74) Di-n-butylphthalate	11.951	149	5379091	57.167	ng	97
75) Fluoranthene	12.604	202	5780606	53.436	ng	96
77) Benzidine	12.727	184	1151428	66.175	ng	99
78) Pyrene	12.833	202	5713416	53.353	ng	95
80) Butylbenzylphthalate	13.445	149	1813777	69.977	ng	99
81) Benzo(a)anthracene	14.021	228	4813166	58.938	ng	97
82) 3,3'-Dichlorobenzidine	13.980	252	1663107	68.388	ng	99
83) Chrysene	14.057	228	4537776	57.672	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	2447206	70.574	ng	99
85) Di-n-octyl phthalate	14.621	149	4168419	67.873	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	6529994	60.544	ng	99
88) Benzo(b)fluoranthene	15.074	252	5031379	58.339	ng	98
89) Benzo(k)fluoranthene	15.104	252	5107601	59.880	ng	98
90) Benzo(a)pyrene	15.445	252	4675726	60.580	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	5326001	60.536	ng	99
92) Benzo(g,h,i)perylene	17.451	276	5580301	60.896	ng	100

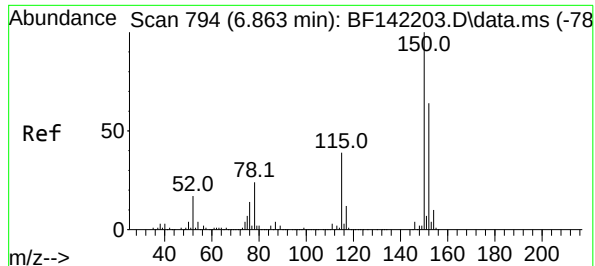
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142205.D
 Acq On : 21 Apr 2025 14:02
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 22 02:03:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

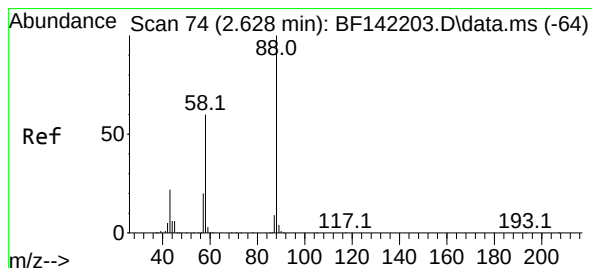
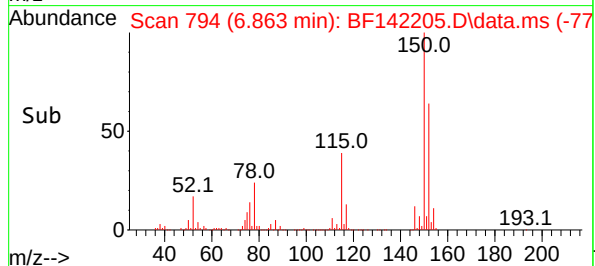
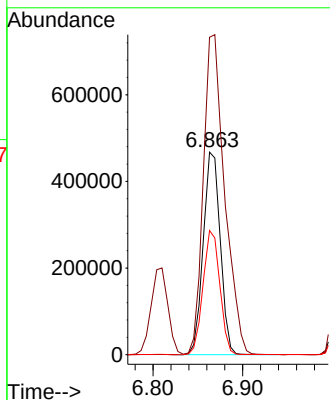
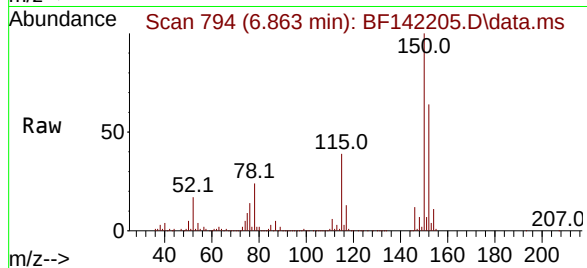




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

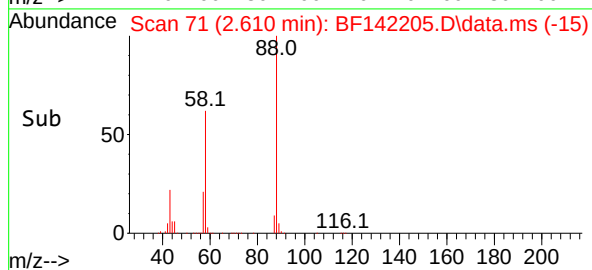
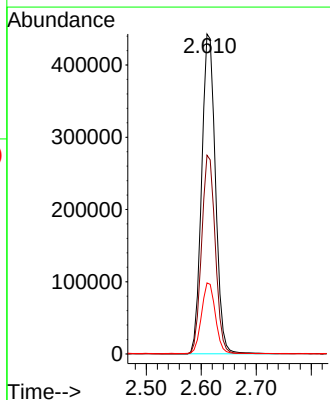
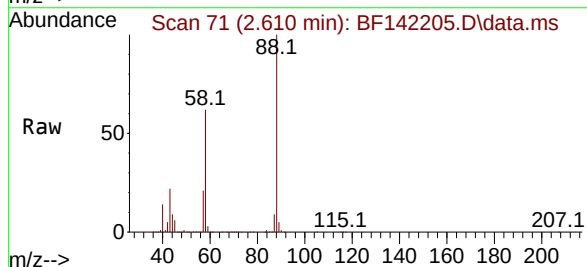
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

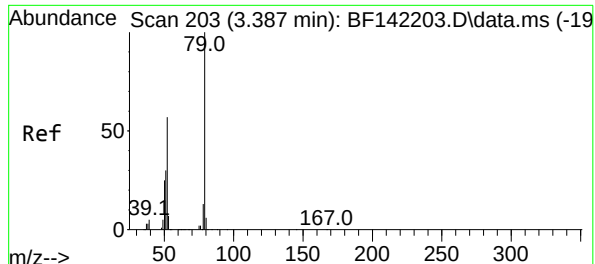
Tgt Ion:152 Resp: 616279
Ion Ratio Lower Upper
152 100
150 156.6 126.4 189.6
115 61.3 49.4 74.2



#2
1,4-Dioxane
Concen: 57.714 ng
RT: 2.610 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 88 Resp: 770065
Ion Ratio Lower Upper
88 100
58 62.0 47.8 71.6
43 22.2 17.8 26.8

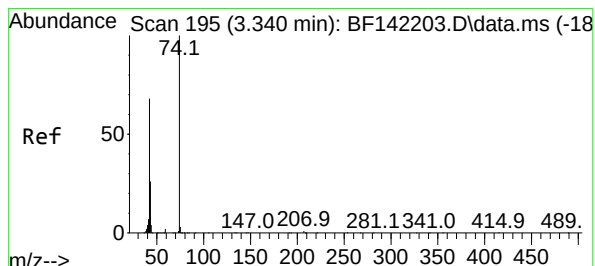
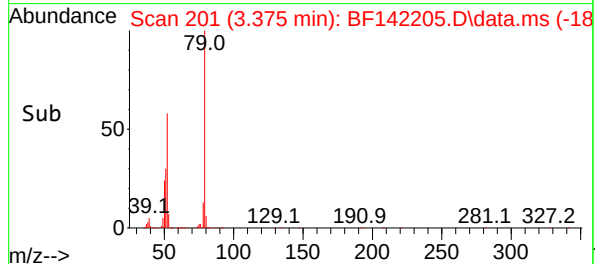
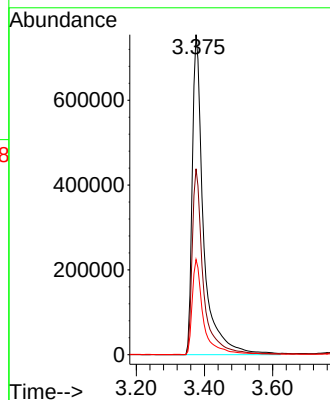
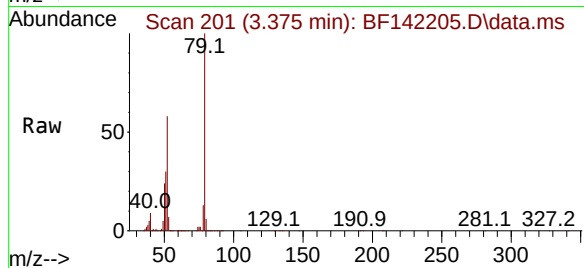




#3
Pyridine
Concen: 60.069 ng
RT: 3.375 min Scan# 203
Delta R.T. -0.012 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

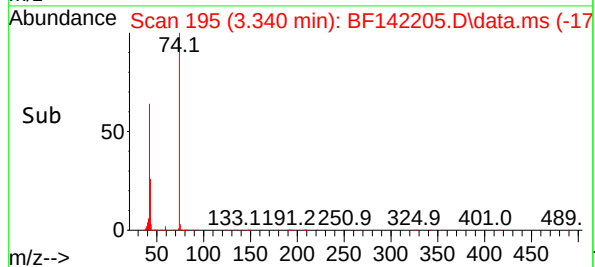
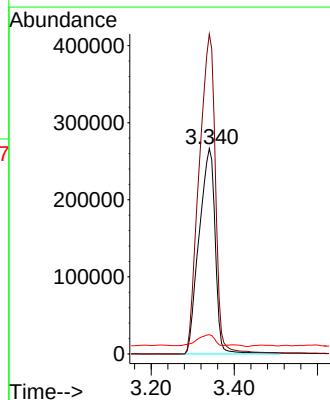
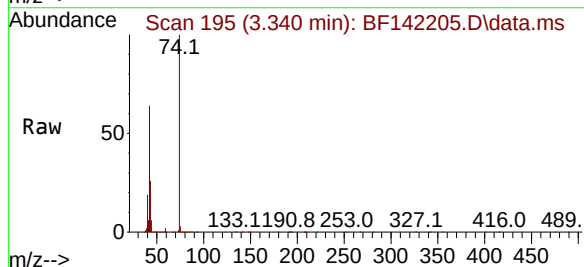
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

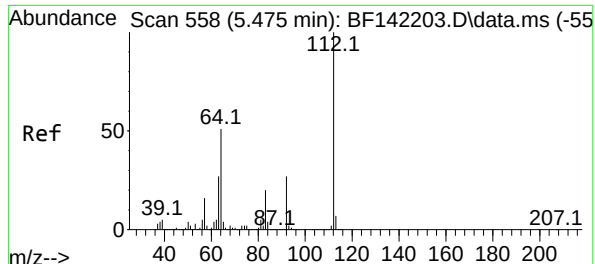
Tgt Ion: 79 Resp: 1739640
Ion Ratio Lower Upper
79 100
52 58.1 45.8 68.8
51 29.8 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 61.193 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 42 Resp: 719585
Ion Ratio Lower Upper
42 100
74 155.8 117.4 176.0
44 9.4 9.5 14.3

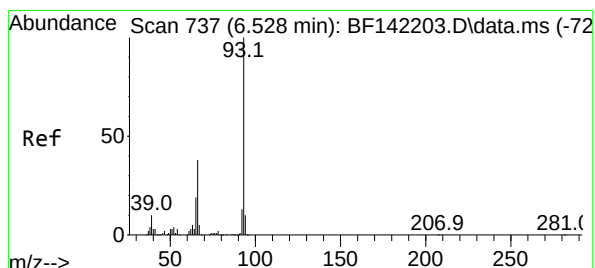
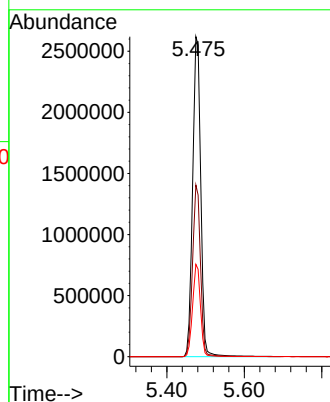
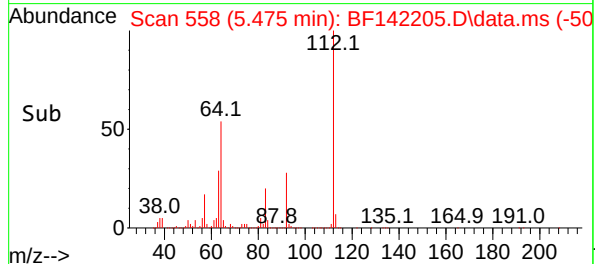
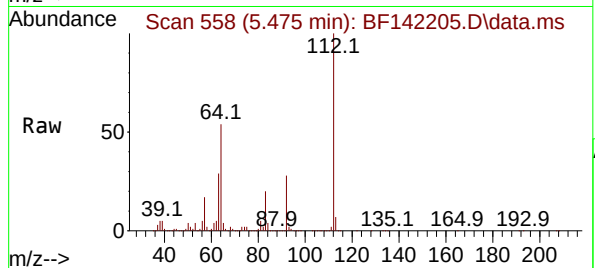




#5
2-Fluorophenol
Concen: 116.019 ng
RT: 5.475 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

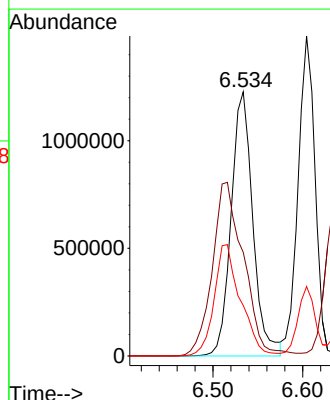
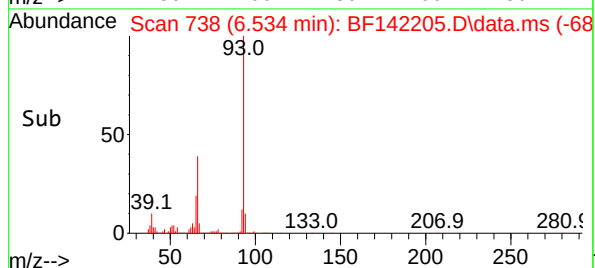
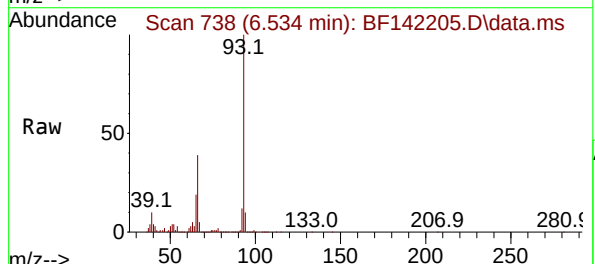
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

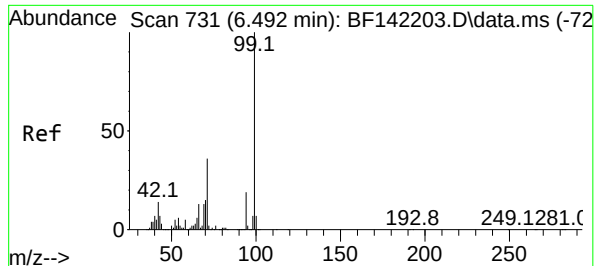
Tgt Ion:112 Resp: 3813648
Ion Ratio Lower Upper
112 100
64 53.7 40.9 61.3
63 28.9 22.0 33.0



#6
Aniline
Concen: 54.231 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 93 Resp: 2061385
Ion Ratio Lower Upper
93 100
66 39.3 30.9 46.3
65 19.2 15.1 22.7





#7

Phenol-d6

Concen: 115.848 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

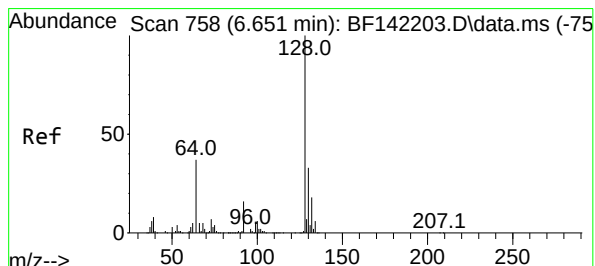
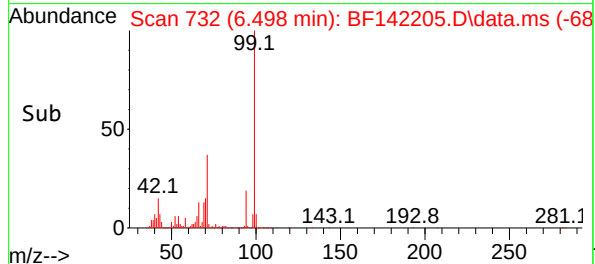
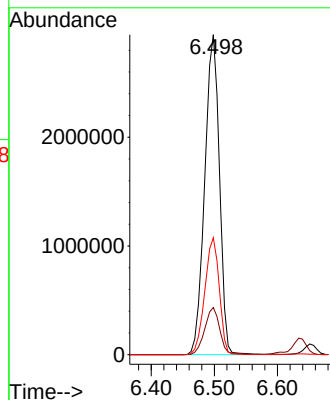
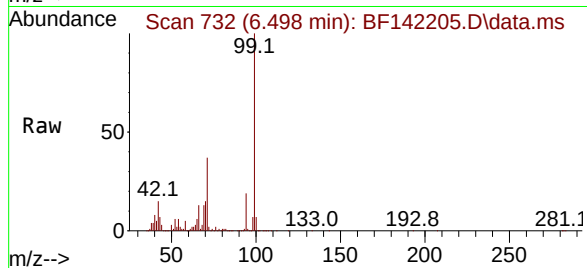
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 4769026

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.5	17.3
71	36.5	28.6	42.8



#8

2-Chlorophenol

Concen: 58.329 ng

RT: 6.651 min Scan# 758

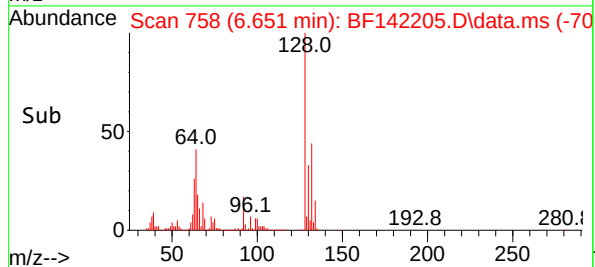
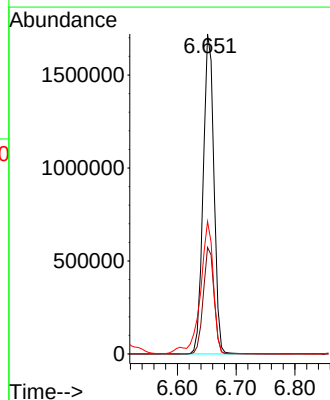
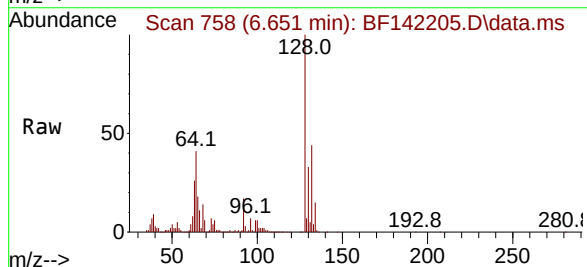
Delta R.T. -0.000 min

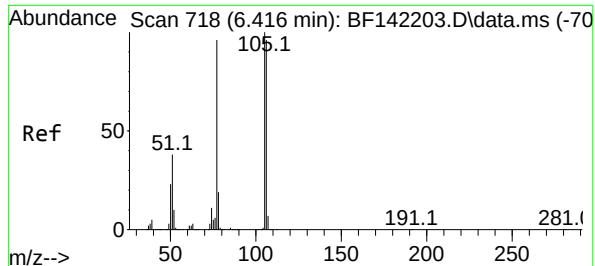
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:128 Resp: 2194700

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	41.4	18.8	58.8





#9

Benzaldehyde

Concen: 54.816 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

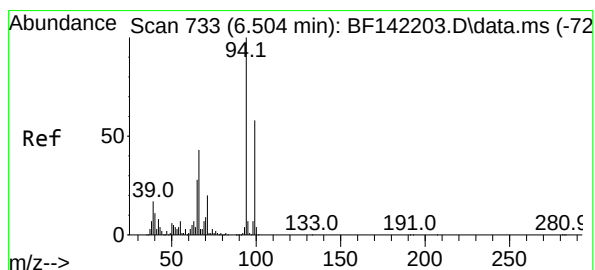
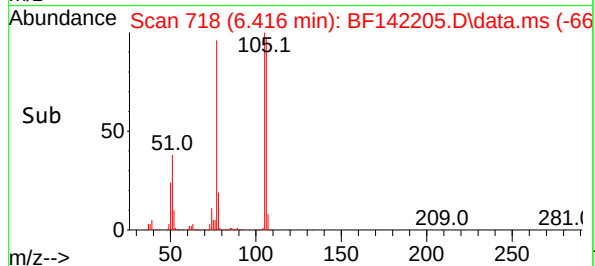
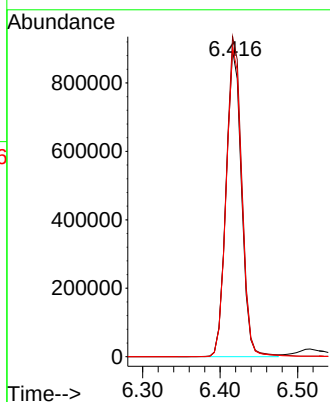
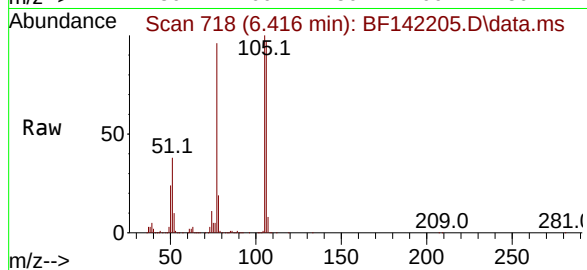
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 1238932

Ion	Ratio	Lower	Upper
77	100		
105	104.4	84.4	124.4
106	101.0	80.3	120.3



#10

Phenol

Concen: 58.619 ng

RT: 6.510 min Scan# 734

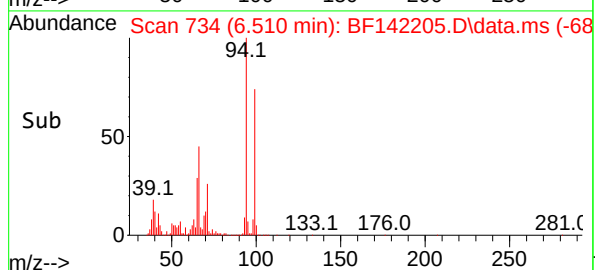
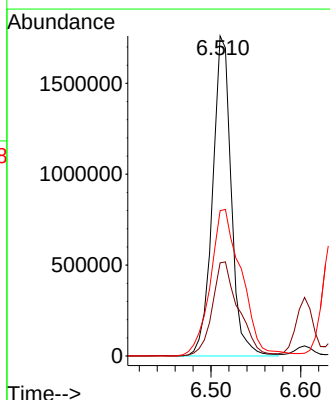
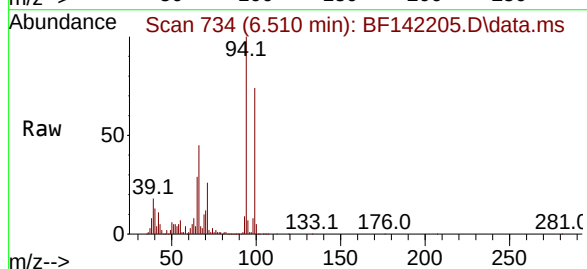
Delta R.T. 0.006 min

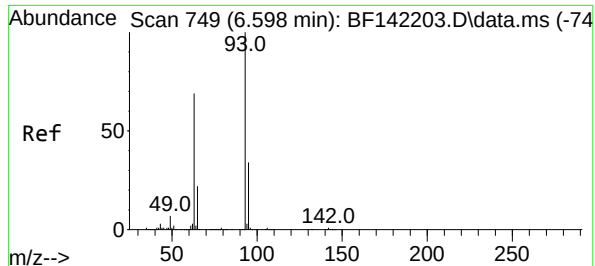
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion: 94 Resp: 2545250

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.1	48.1
66	45.4	22.7	62.7

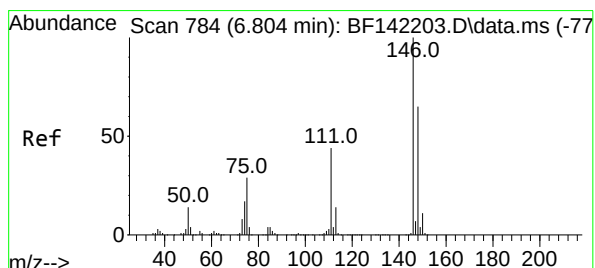
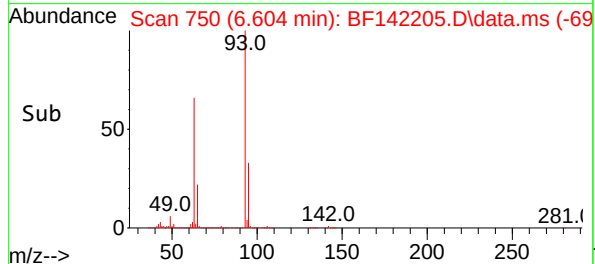
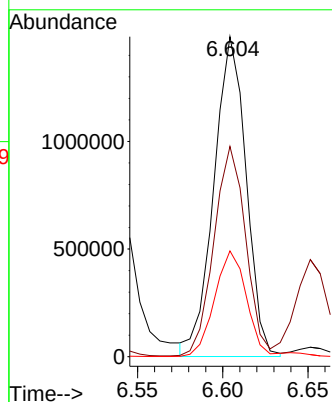
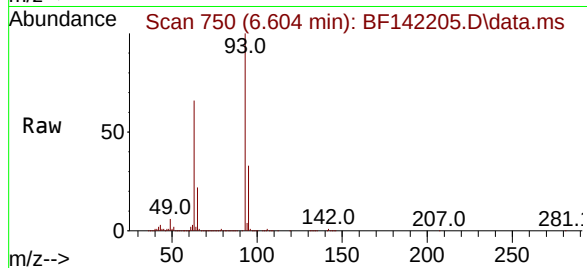




#11
bis(2-Chloroethyl)ether
Concen: 59.745 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

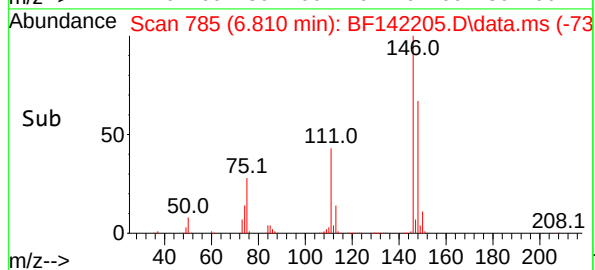
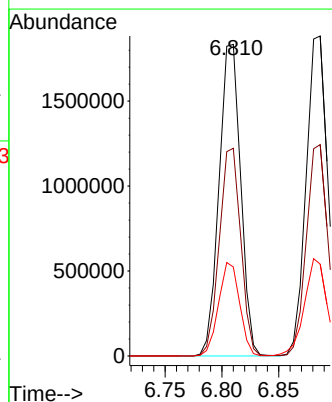
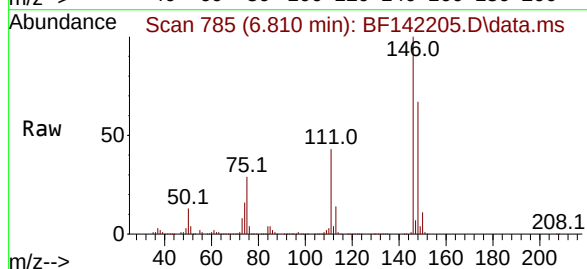
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

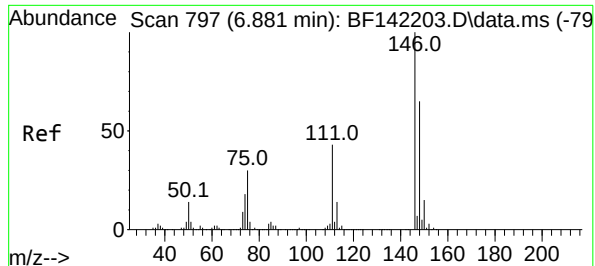
Tgt Ion: 93 Resp: 1956282
Ion Ratio Lower Upper
93 100
63 65.7 47.9 87.9
95 33.1 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 57.038 ng
RT: 6.810 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 146 Resp: 2431944
Ion Ratio Lower Upper
146 100
148 66.7 51.7 77.5
75 28.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 56.713 ng

RT: 6.887 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

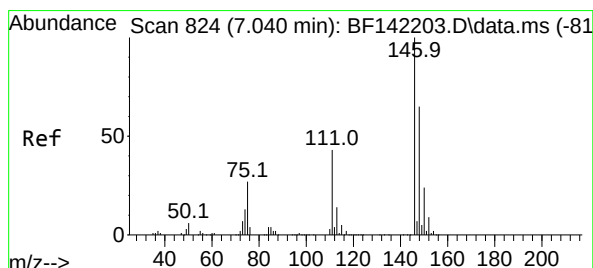
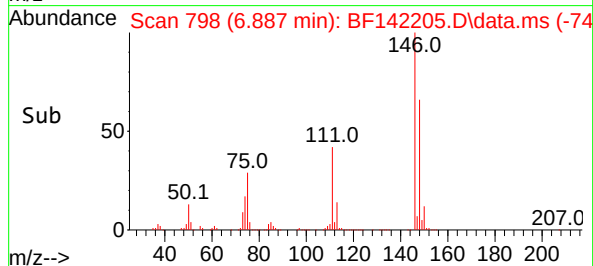
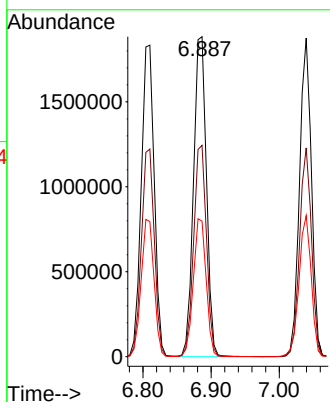
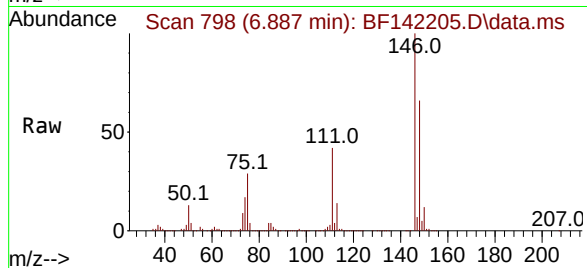
Tgt Ion:146 Resp: 2480068

Ion Ratio Lower Upper

146 100

148 66.1 52.4 78.6

111 42.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 56.008 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

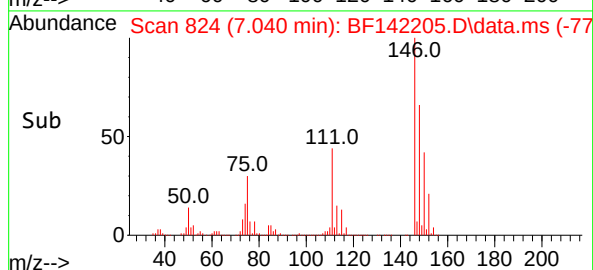
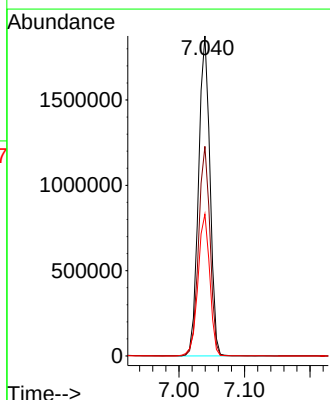
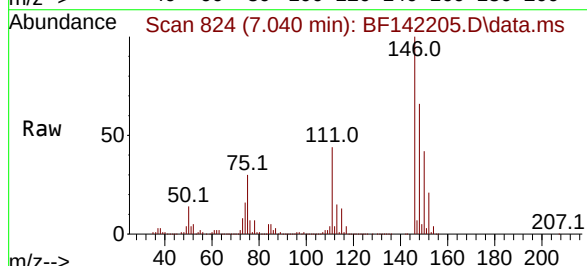
Tgt Ion:146 Resp: 2278503

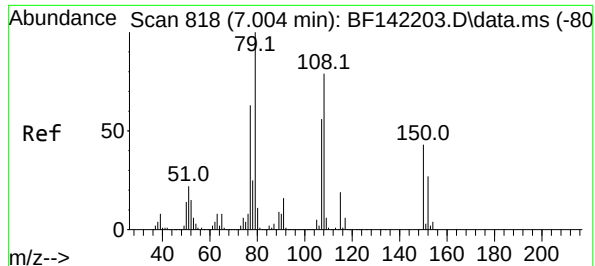
Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.4

111 44.3 34.2 51.4





#15

Benzyl Alcohol

Concen: 59.747 ng

RT: 7.010 min Scan# 818

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

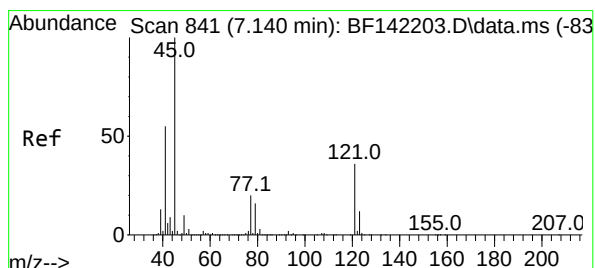
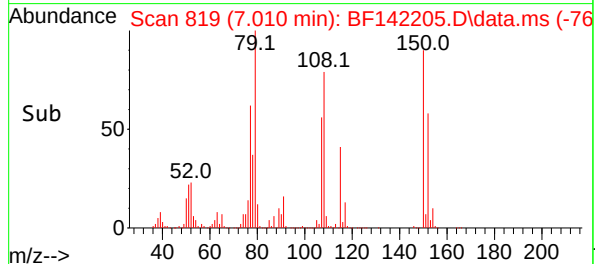
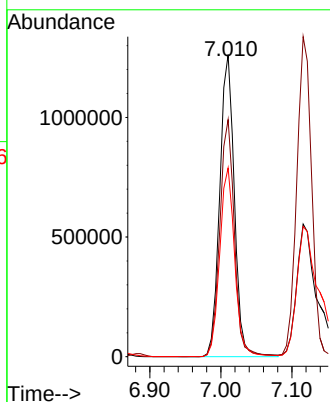
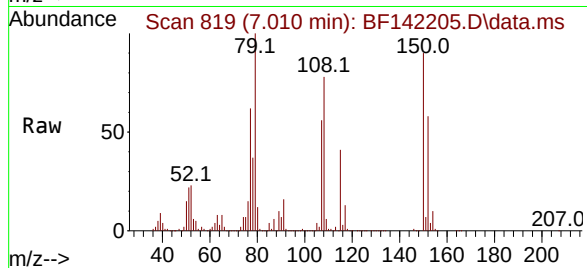
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1793329

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.1	94.7
77	62.5	50.6	76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 58.167 ng

RT: 7.140 min Scan# 841

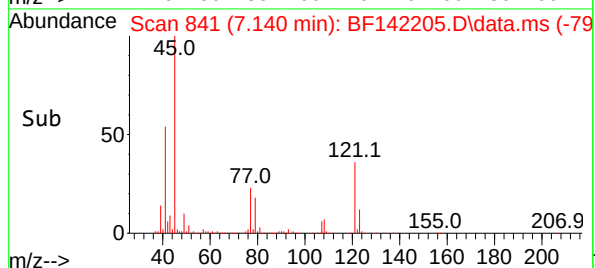
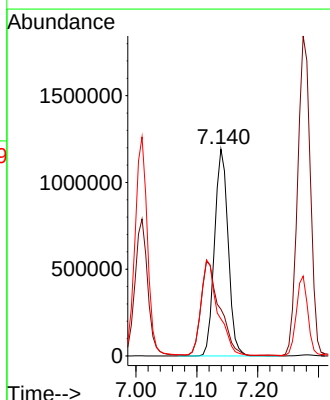
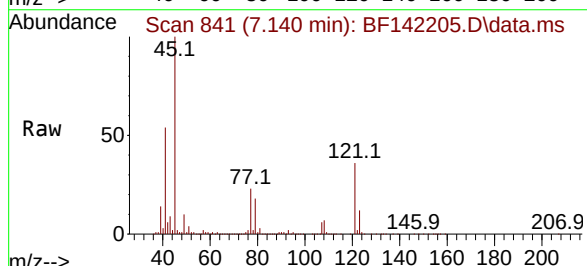
Delta R.T. -0.000 min

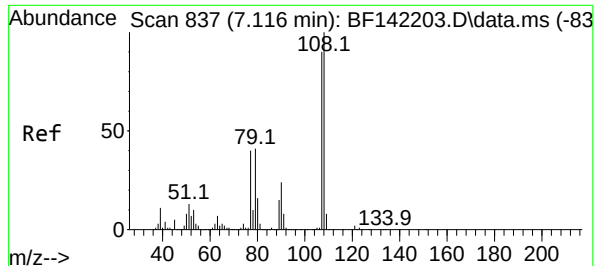
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion: 45 Resp: 1846107

Ion	Ratio	Lower	Upper
45	100		
77	22.6	1.4	41.4
79	17.9	0.0	36.7

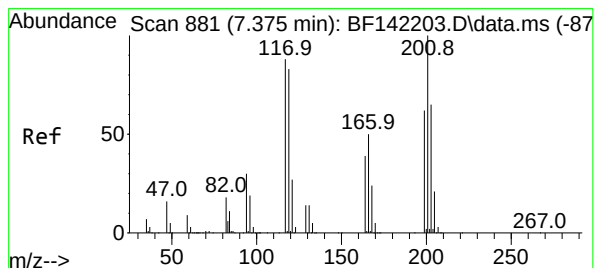
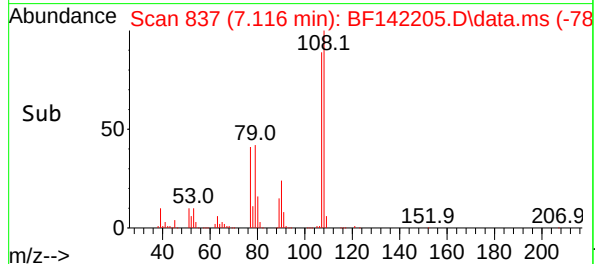
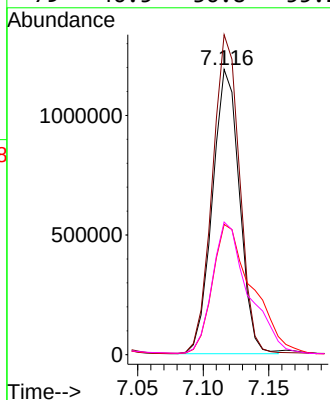
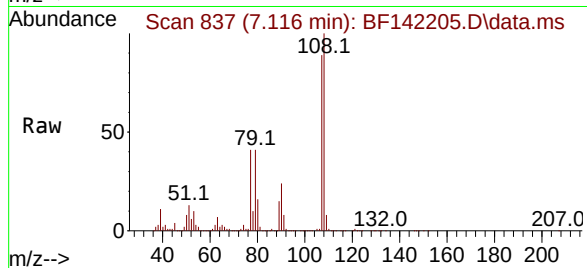




#17
2-Methylphenol
Concen: 60.320 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

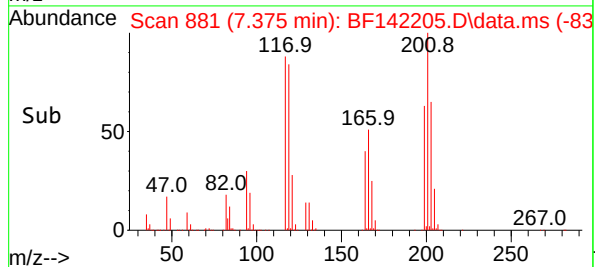
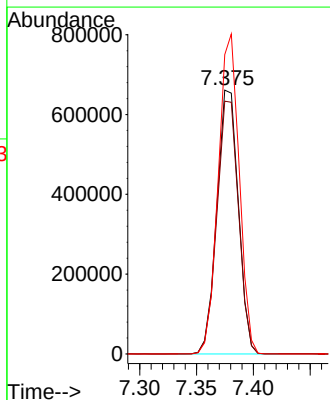
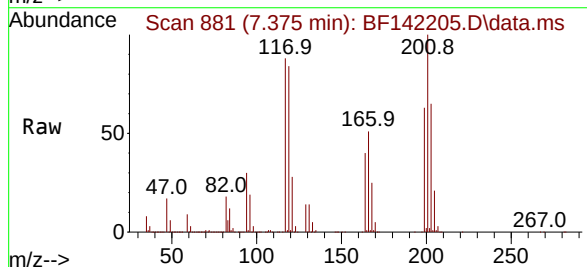
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

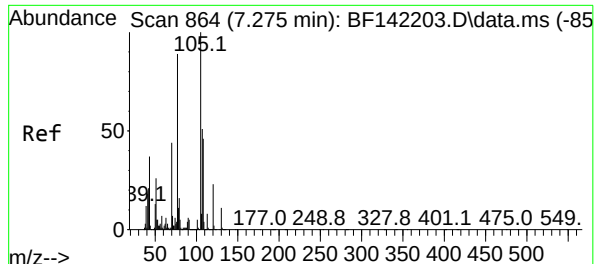
Tgt Ion:107 Resp: 1708169
Ion Ratio Lower Upper
107 100
108 112.2 89.4 134.2
77 45.7 36.3 54.5
79 46.5 36.8 55.2



#18
Hexachloroethane
Concen: 58.707 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:117 Resp: 872149
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 113.4 91.4 137.0





#19

n-Nitroso-di-n-propylamine

Concen: 56.810 ng

RT: 7.287 min Scan# 80

Delta R.T. 0.012 min

Lab File: BF142205.D

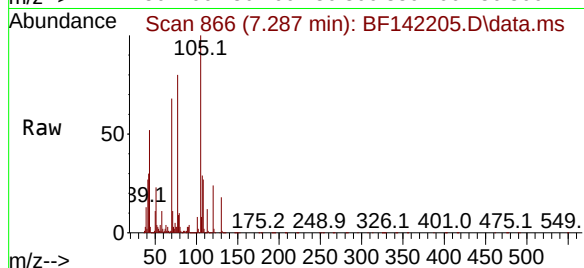
Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 1322462

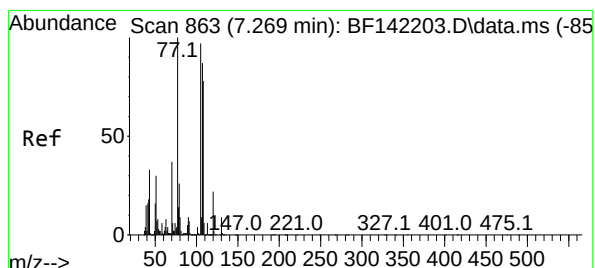
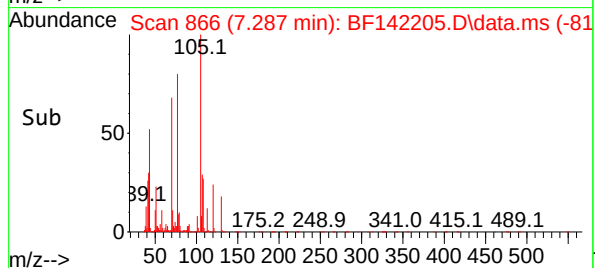
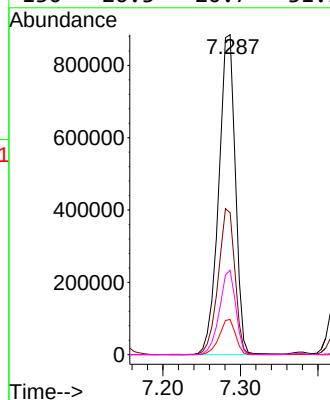
Ion Ratio Lower Upper

70 100

42 44.4 37.4 56.0

101 11.0 8.6 13.0

130 26.3 20.7 31.1



#20

3+4-Methylphenols

Concen: 56.985 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:107 Resp: 2007004

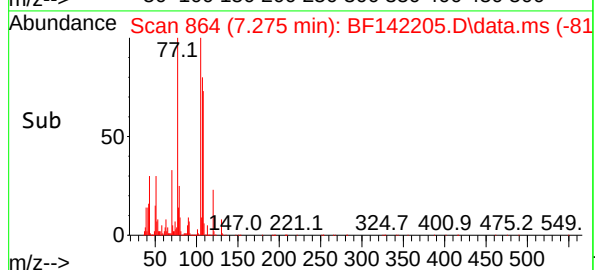
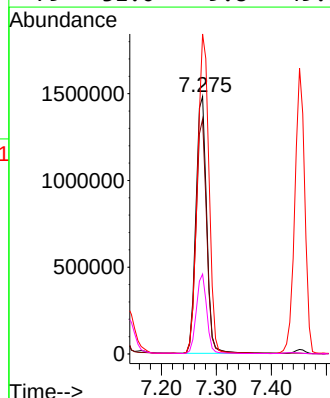
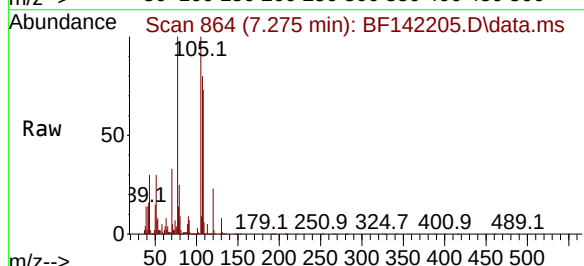
Ion Ratio Lower Upper

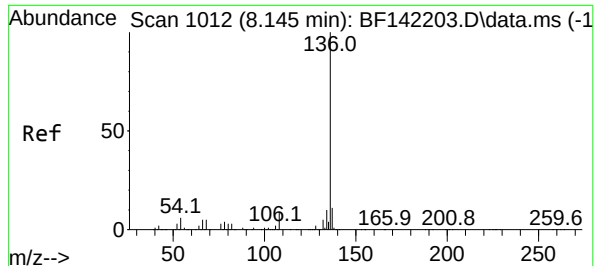
107 100

108 91.2 69.8 109.8

77 124.3 94.5 134.5

79 31.0 9.8 49.8

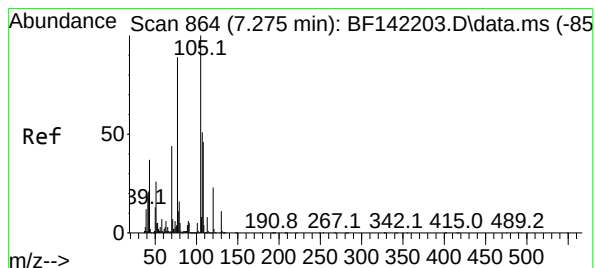
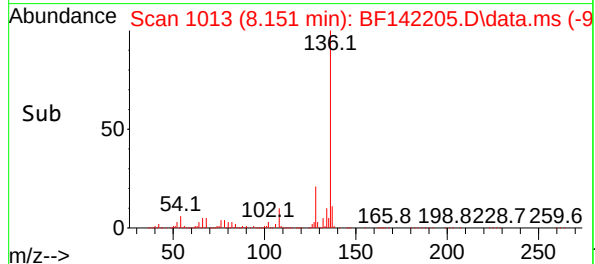
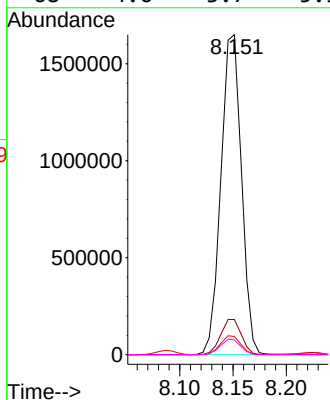
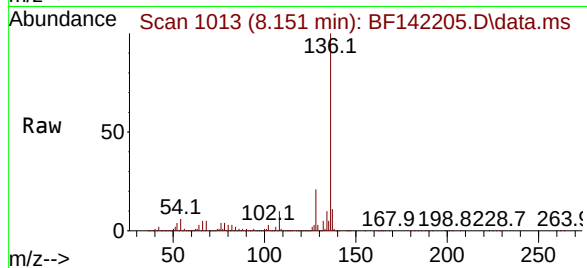




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

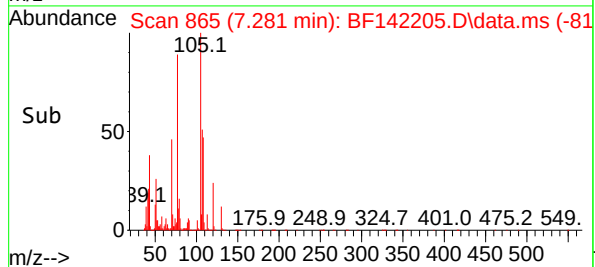
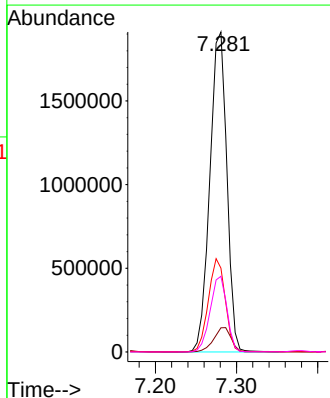
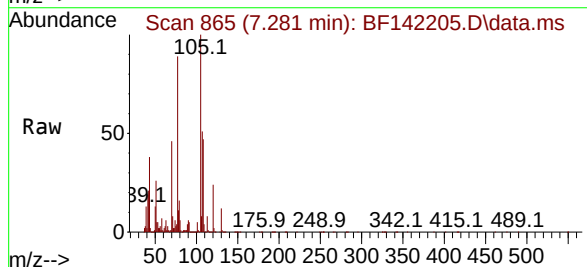
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

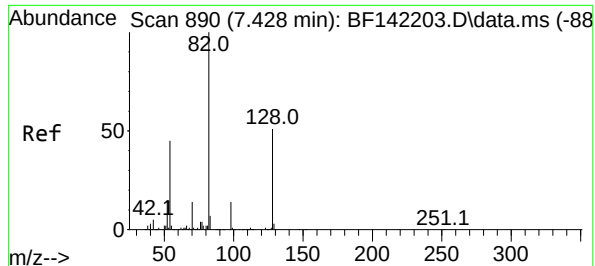
Tgt Ion:136 Resp: 2213600
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.7 4.7 7.1
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 57.210 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:105 Resp: 2779764
Ion Ratio Lower Upper
105 100
71 7.6 5.8 8.8
51 26.2 20.9 31.3
120 23.7 18.6 27.8





#23

Nitrobenzene-d5

Concen: 117.226 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

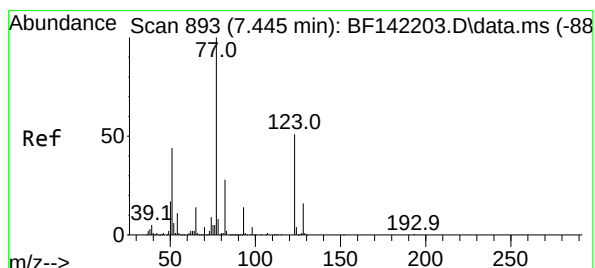
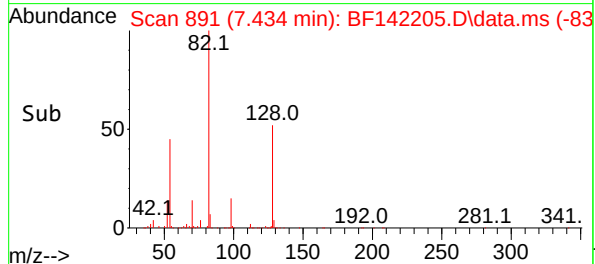
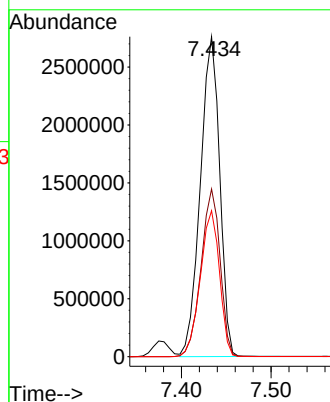
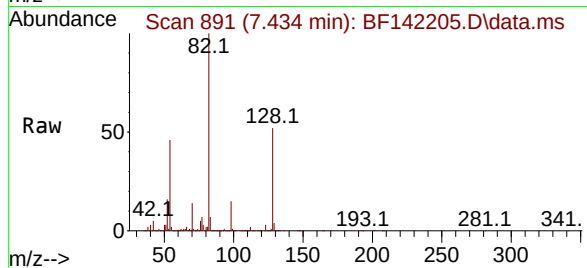
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 4131873

Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.2	60.2
54	45.6	35.5	53.3



#24

Nitrobenzene

Concen: 59.380 ng

RT: 7.451 min Scan# 894

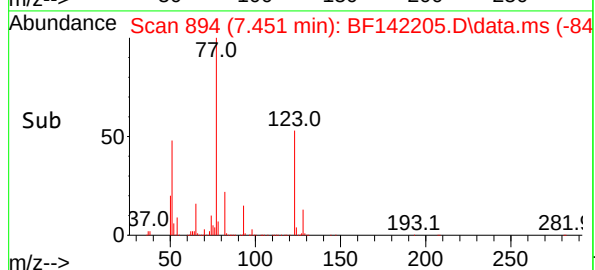
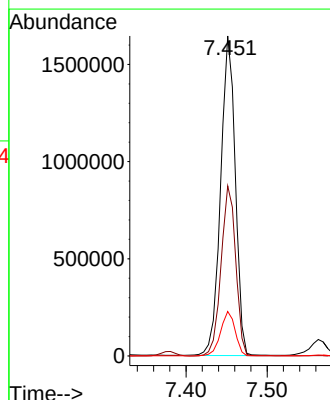
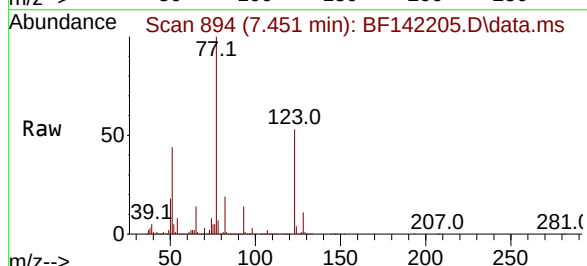
Delta R.T. 0.006 min

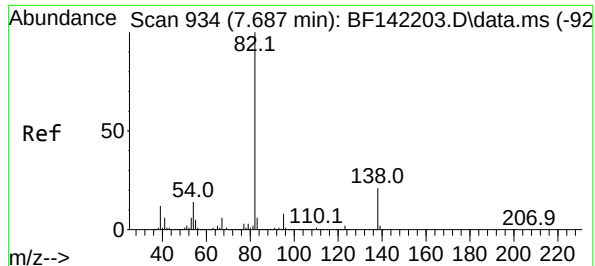
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion: 77 Resp: 2073500

Ion	Ratio	Lower	Upper
77	100		
123	53.2	40.7	61.1
65	13.9	10.9	16.3

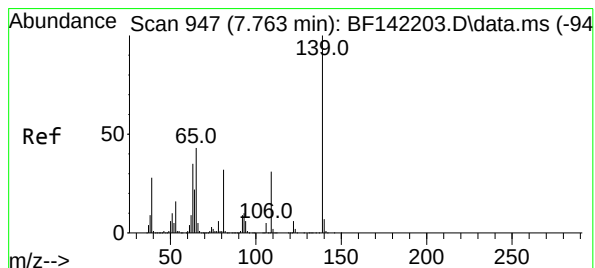
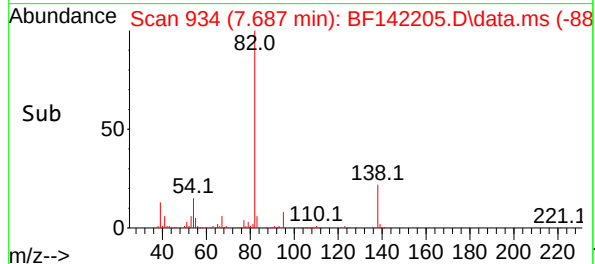
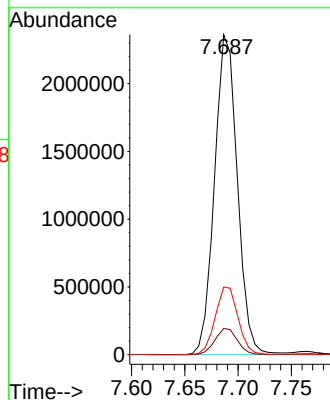
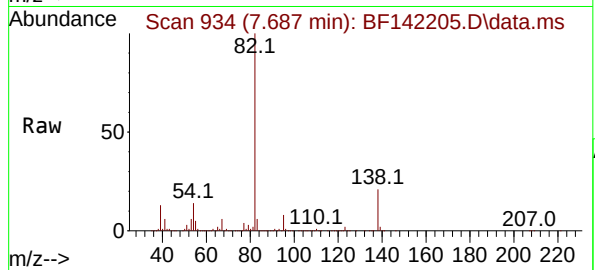




#25
Isophorone
Concen: 59.351 ng
RT: 7.687 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

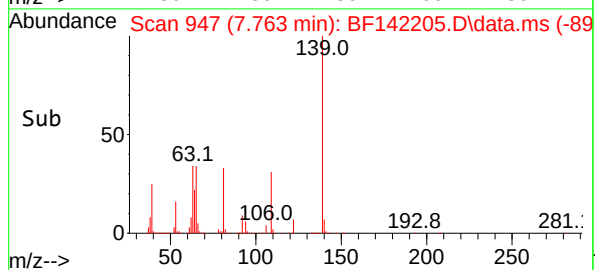
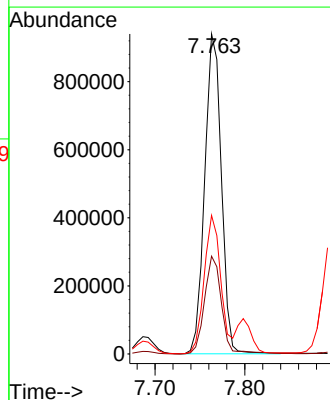
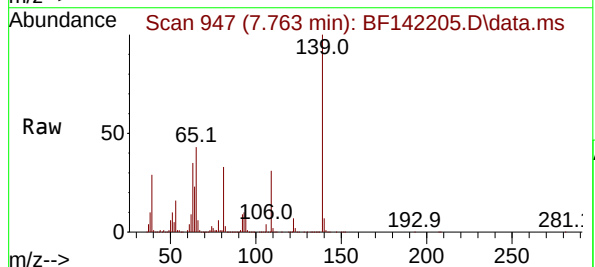
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

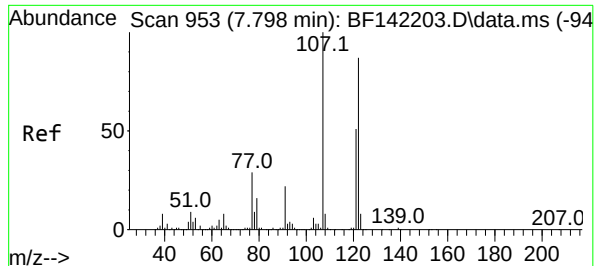
Tgt Ion: 82 Resp: 3511512
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 21.2 16.9 25.3



#26
2-Nitrophenol
Concen: 65.953 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:139 Resp: 1210574
Ion Ratio Lower Upper
139 100
109 30.6 24.4 36.6
65 43.3 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 62.800 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

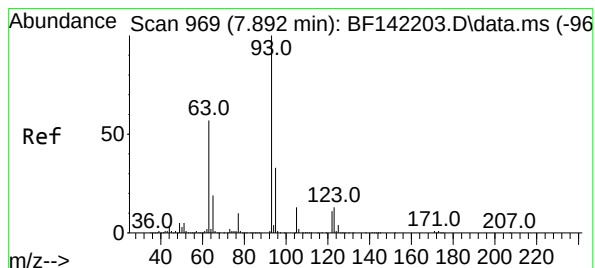
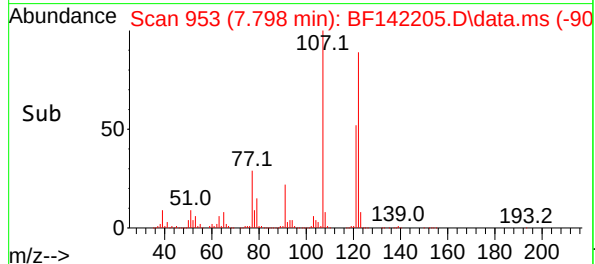
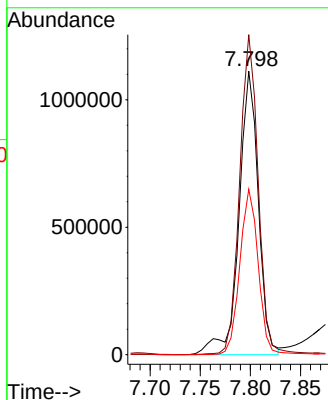
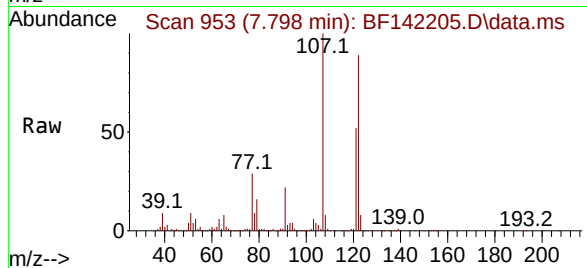
Tgt Ion:122 Resp: 1498782

Ion Ratio Lower Upper

122 100

107 112.9 91.6 137.4

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 58.837 ng

RT: 7.898 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

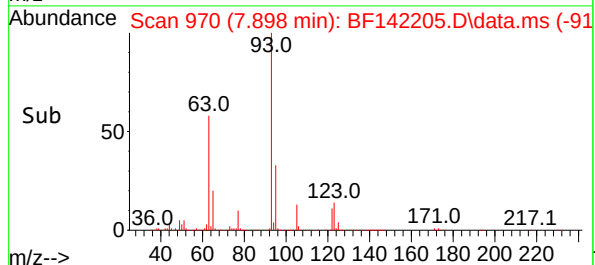
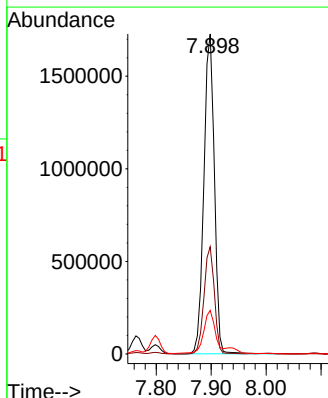
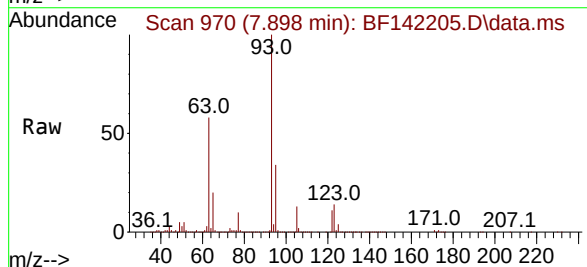
Tgt Ion: 93 Resp: 2284729

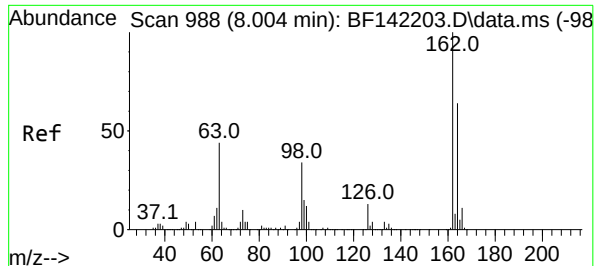
Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

123 13.6 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 60.635 ng

RT: 8.004 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

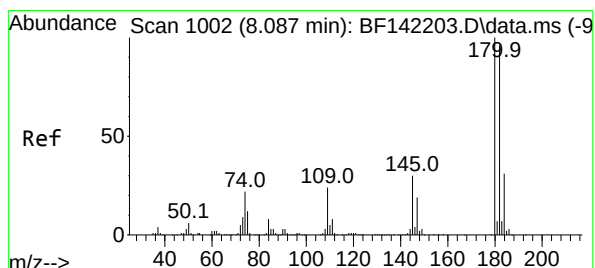
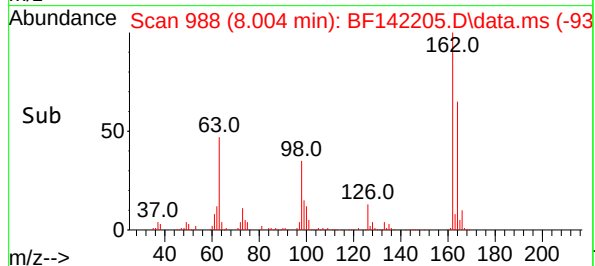
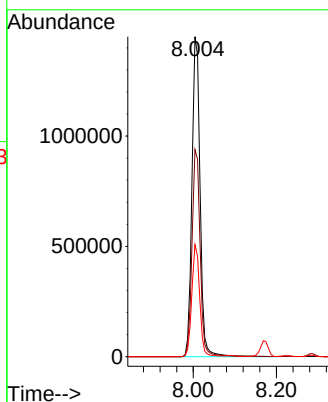
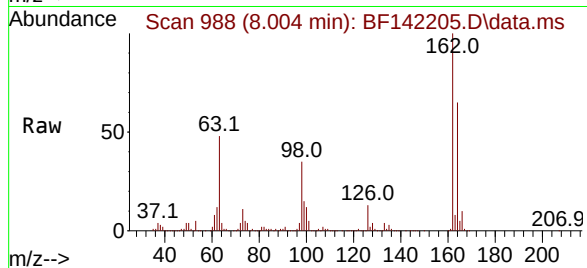
Tgt Ion:162 Resp: 1968171

Ion Ratio Lower Upper

162 100

164 64.7 44.2 84.2

98 35.0 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 58.767 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

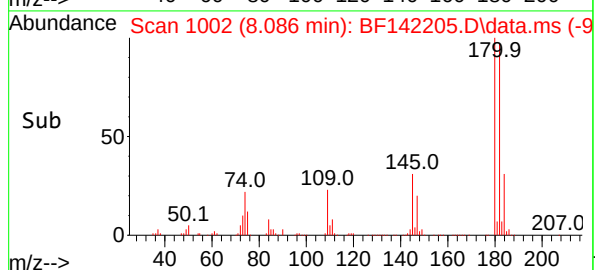
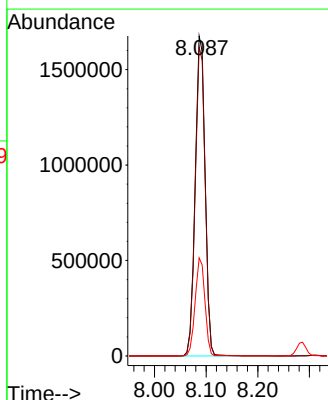
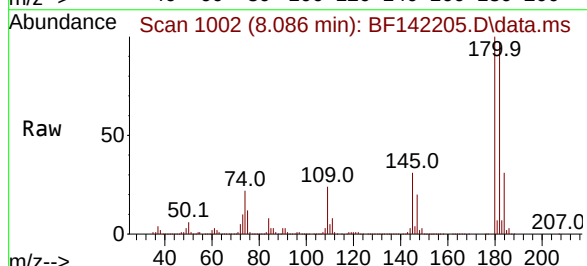
Tgt Ion:180 Resp: 2230724

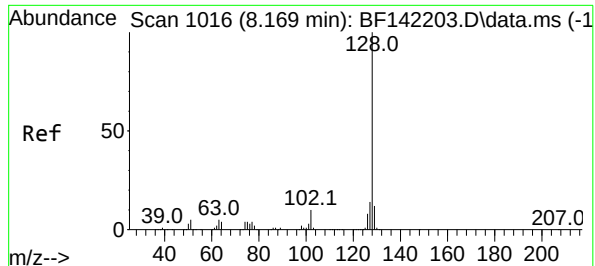
Ion Ratio Lower Upper

180 100

182 96.6 77.0 115.4

145 30.7 24.3 36.5

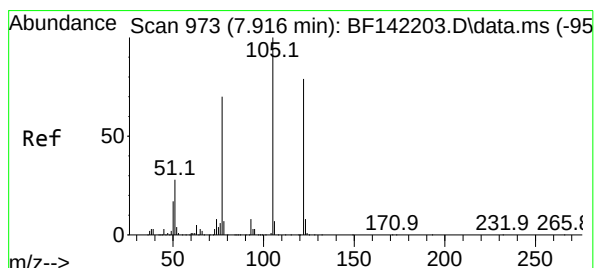
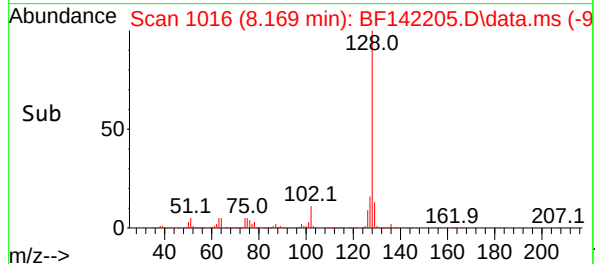
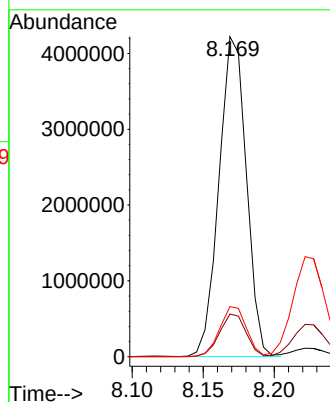
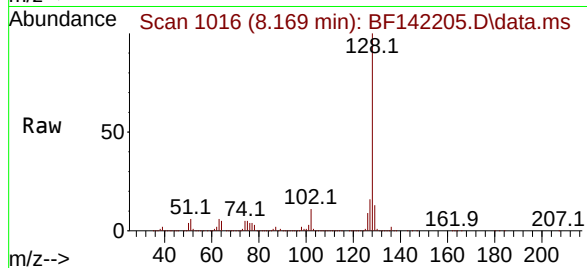




#31
Naphthalene
Concen: 54.088 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

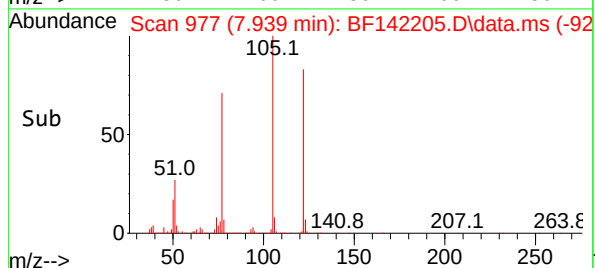
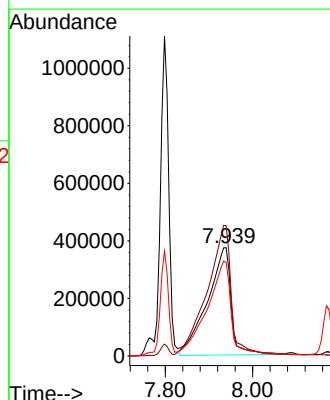
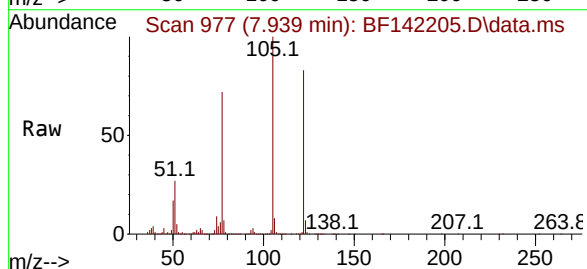
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

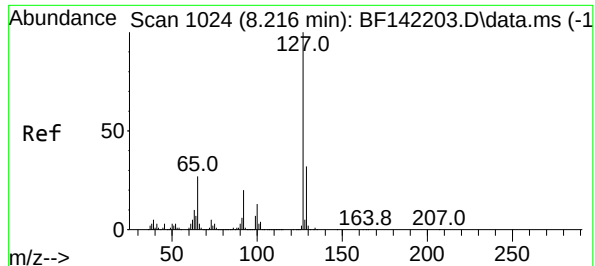
Tgt Ion:128 Resp: 5655869
Ion Ratio Lower Upper
128 100
129 13.4 9.6 14.4
127 15.7 11.4 17.0



#32
Benzoic acid
Concen: 61.384 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.023 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:122 Resp: 1403483
Ion Ratio Lower Upper
122 100
105 120.4 101.5 141.5
77 86.4 66.6 106.6





#33

4-Chloroaniline

Concen: 58.040 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 2197559

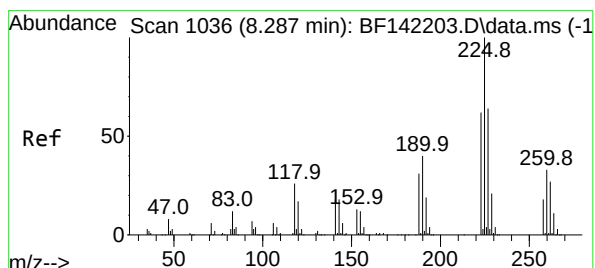
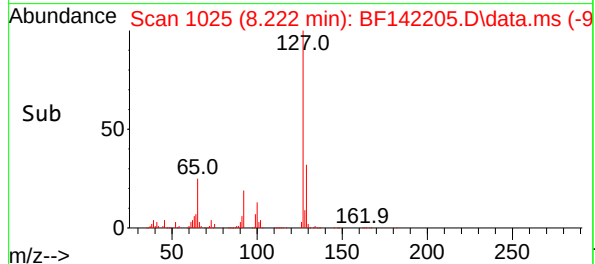
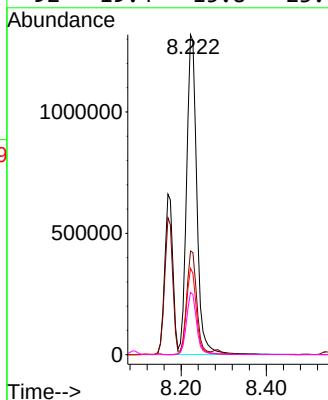
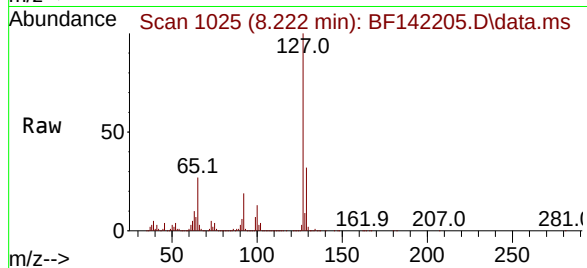
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 27.0 21.8 32.6

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 58.924 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

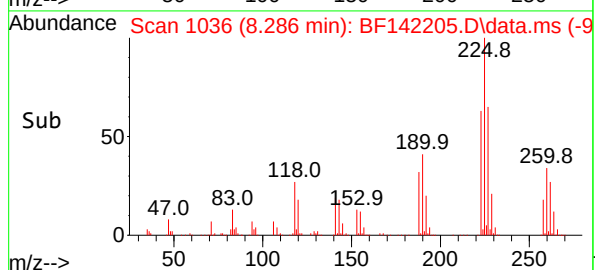
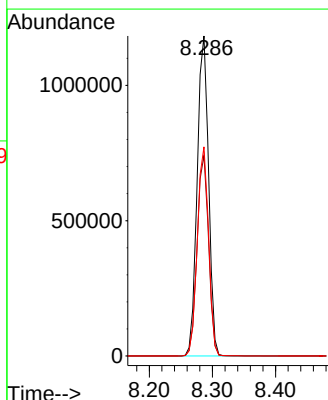
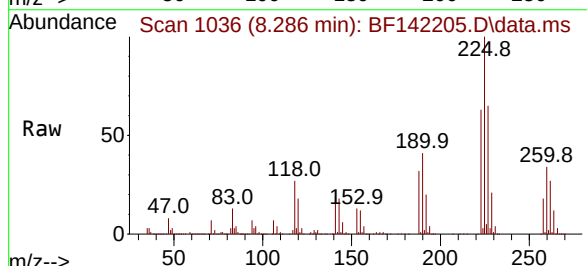
Tgt Ion:225 Resp: 1476054

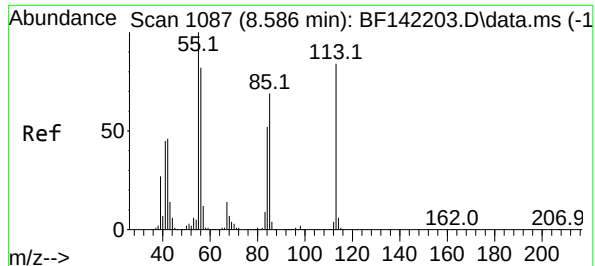
Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.2

227 65.3 51.4 77.2

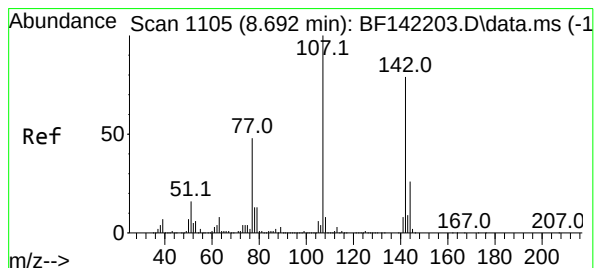
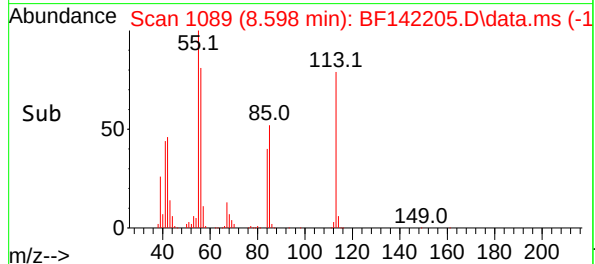
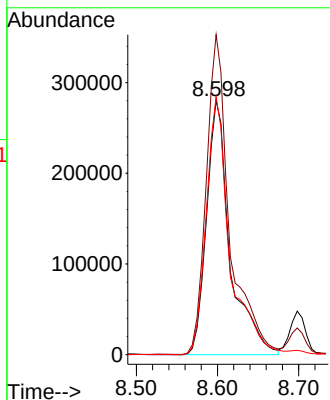
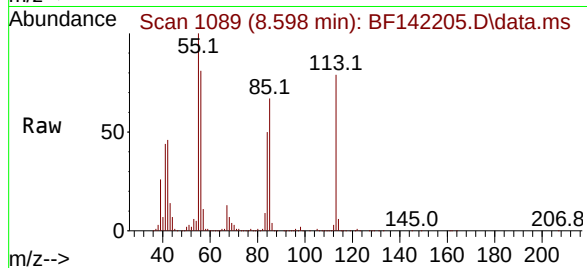




#35
Caprolactam
Concen: 65.386 ng
RT: 8.598 min Scan# 1087
Delta R.T. 0.012 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

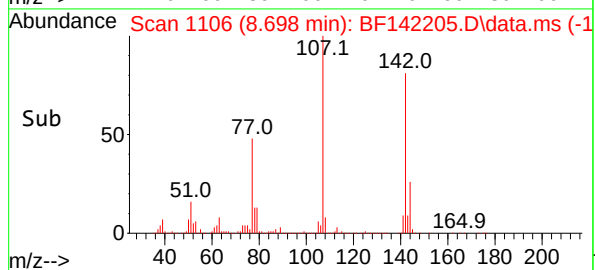
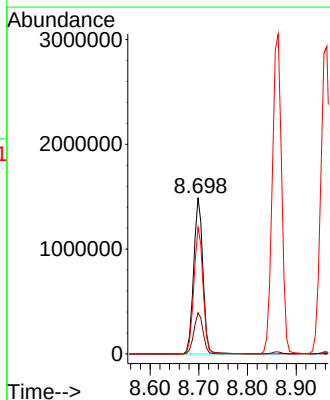
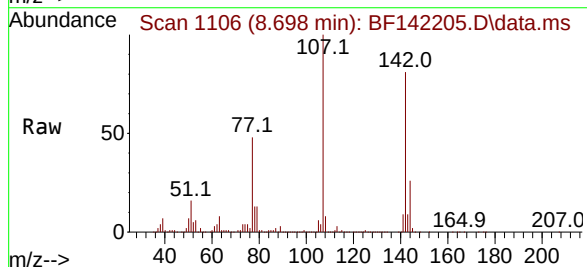
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

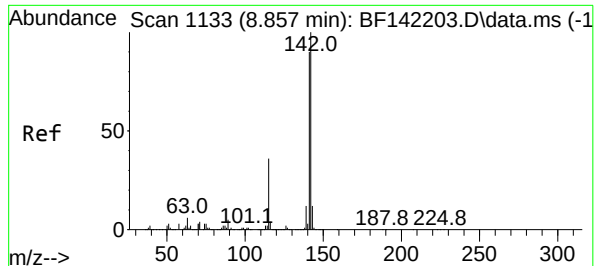
Tgt Ion:113 Resp: 566180
Ion Ratio Lower Upper
113 100
55 125.9 99.5 139.5
56 101.4 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 60.544 ng
RT: 8.698 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:107 Resp: 1978240
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 80.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 55.813 ng

RT: 8.863 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

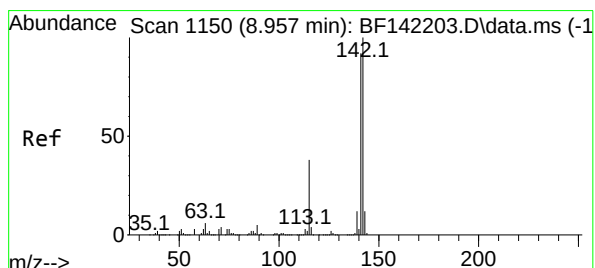
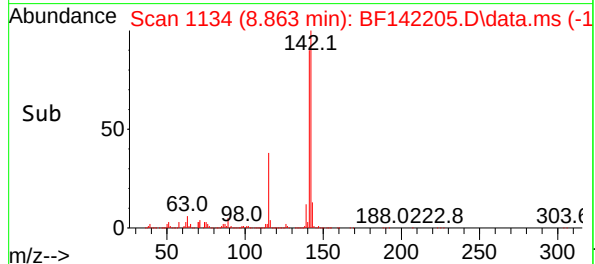
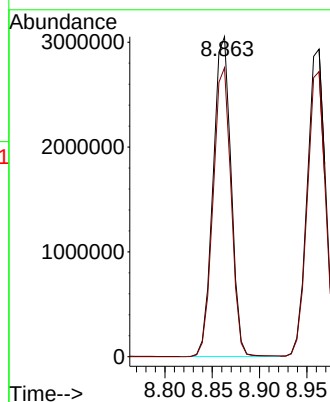
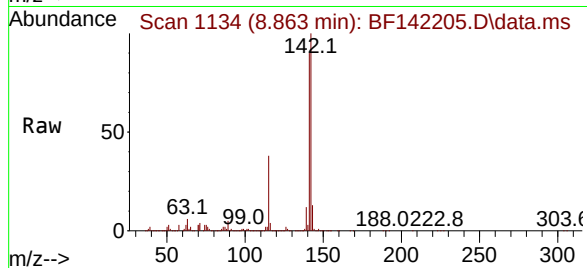
SSTDICC060

Tgt Ion:142 Resp: 4033478

Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 55.757 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142205.D

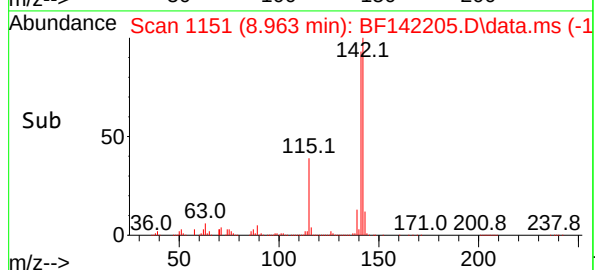
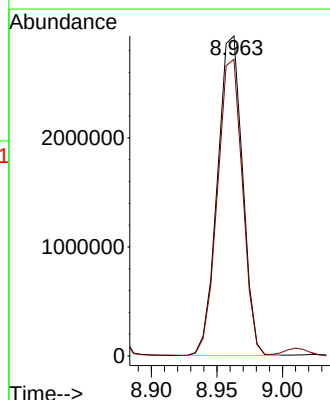
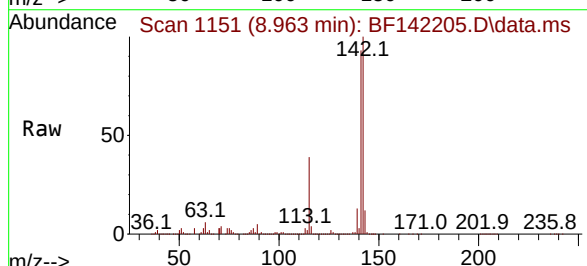
Acq: 21 Apr 2025 14:02

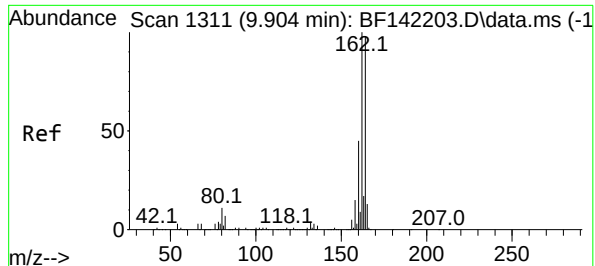
Tgt Ion:142 Resp: 3901433

Ion Ratio Lower Upper

142 100

141 92.7 73.3 109.9

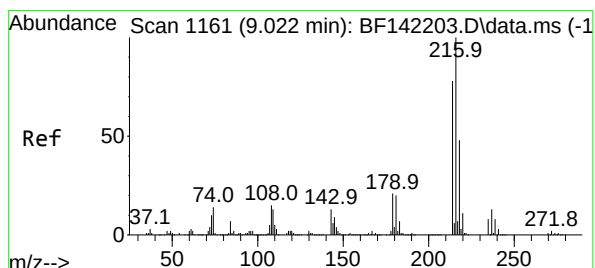
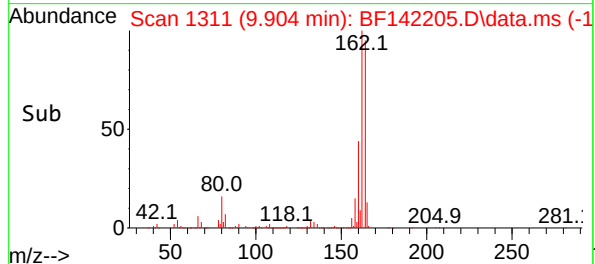
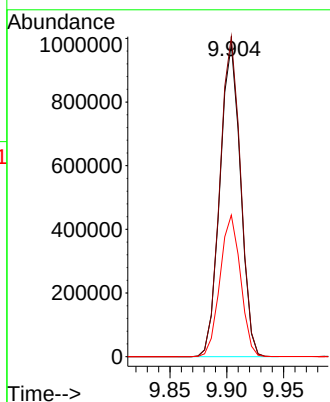
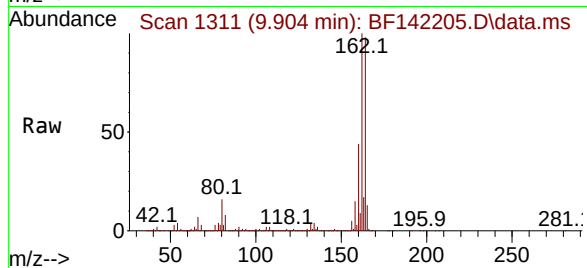




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

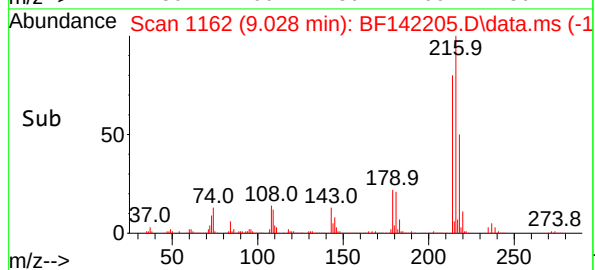
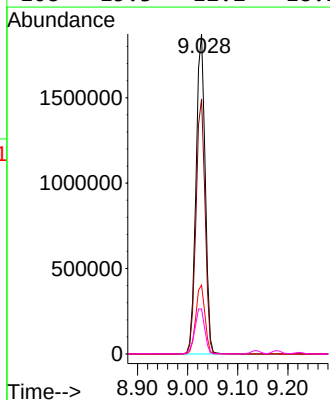
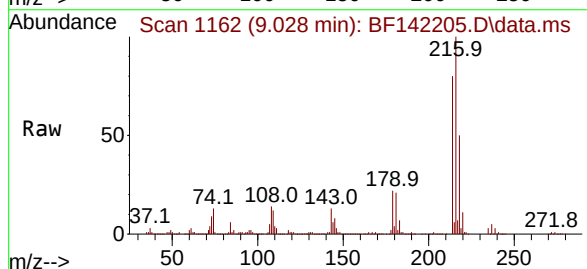
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

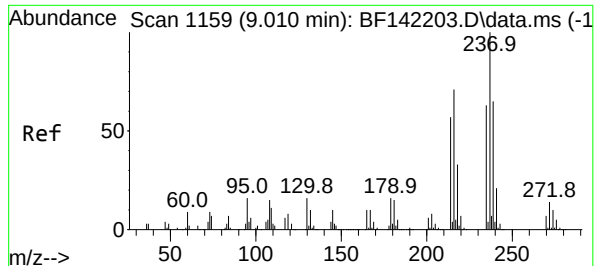
Tgt Ion:164 Resp: 1236465
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 45.3 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.468 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

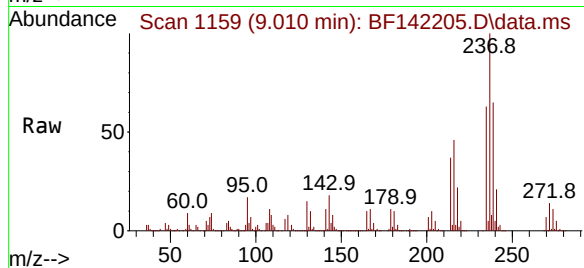
Tgt Ion:216 Resp: 2365444
Ion Ratio Lower Upper
216 100
214 79.7 62.7 94.1
179 21.6 16.7 25.1
108 15.3 12.2 18.2



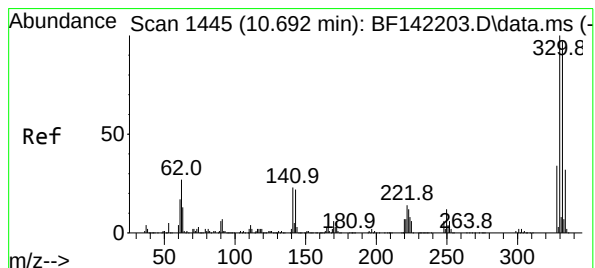
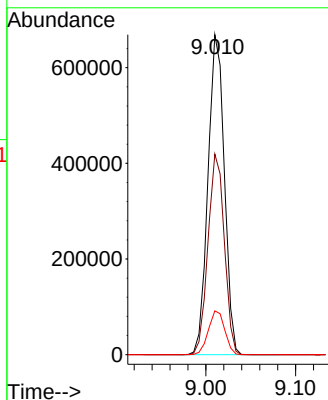
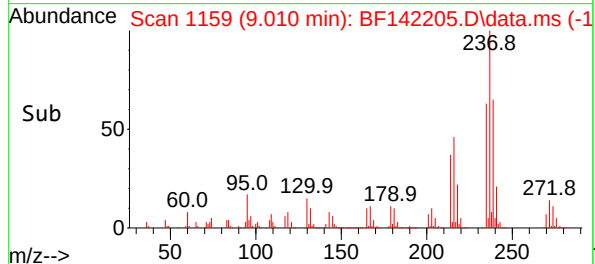


#41
Hexachlorocyclopentadiene
Concen: 68.276 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

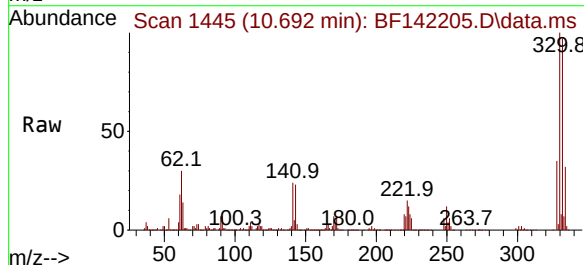
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



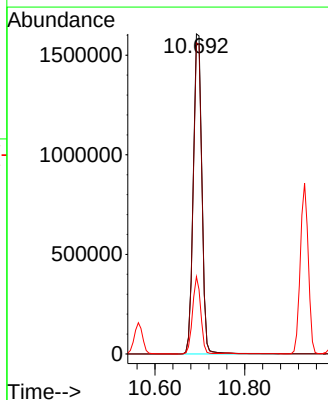
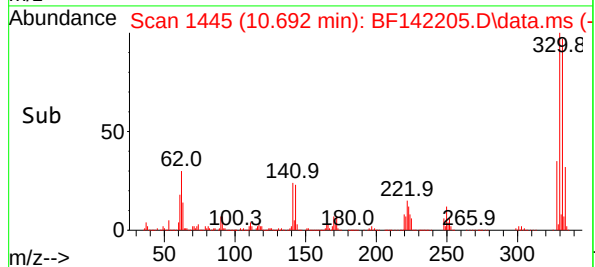
Tgt Ion:237 Resp: 847013
Ion Ratio Lower Upper
237 100
235 62.7 42.6 82.6
272 13.7 0.0 33.6

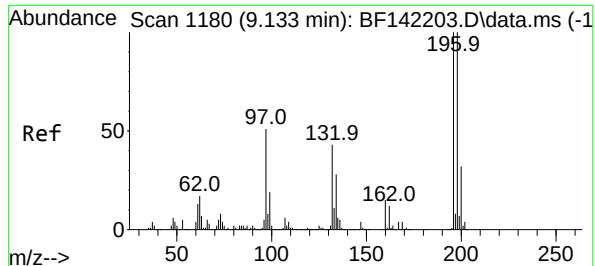


#42
2,4,6-Tribromophenol
Concen: 126.528 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02



Tgt Ion:330 Resp: 2139046
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 23.0 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 62.222 ng

RT: 9.139 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

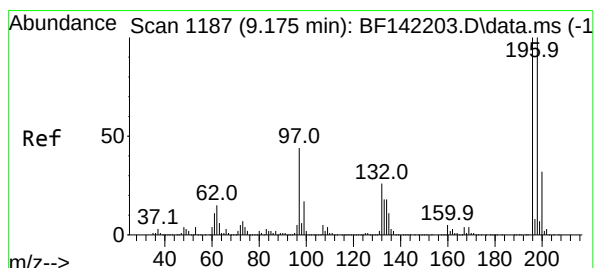
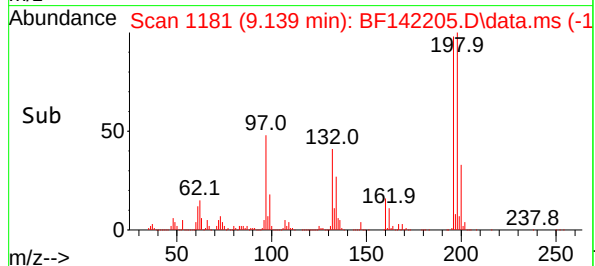
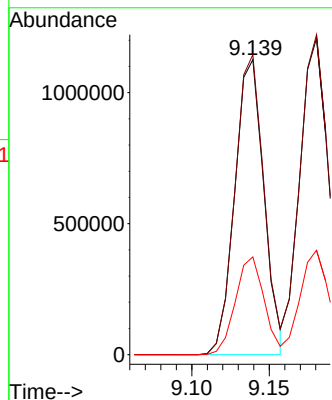
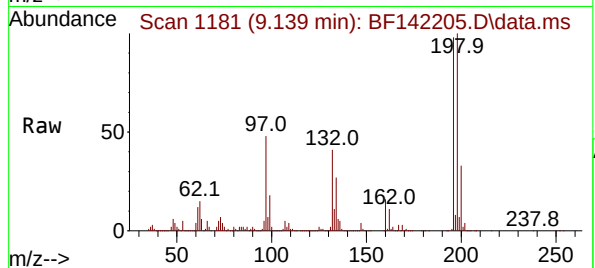
Tgt Ion:196 Resp: 1469667

Ion Ratio Lower Upper

196 100

198 101.7 80.0 120.0

200 33.1 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 63.251 ng

RT: 9.181 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:196 Resp: 1601362

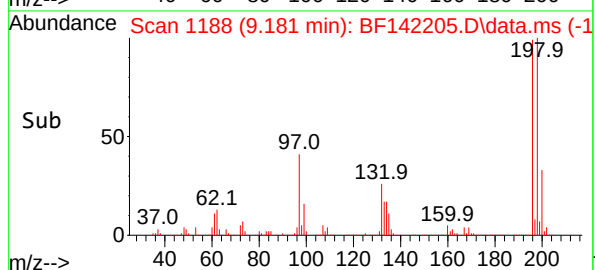
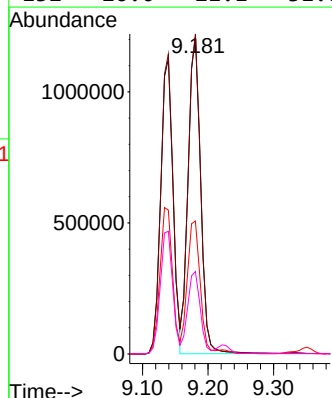
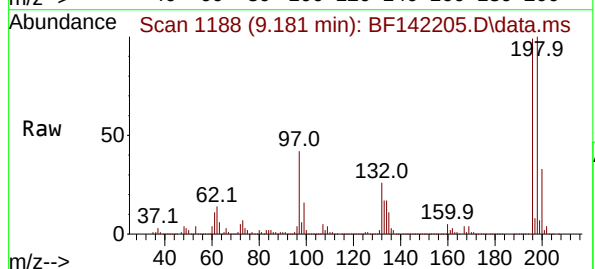
Ion Ratio Lower Upper

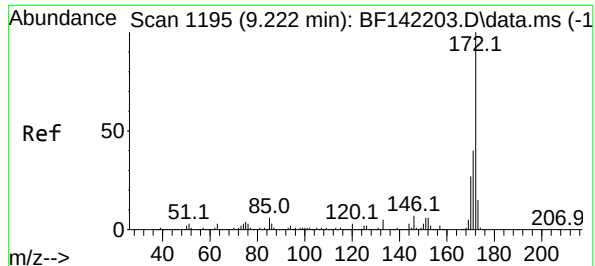
196 100

198 101.1 80.0 120.0

97 42.0 35.9 53.9

132 26.0 21.1 31.7

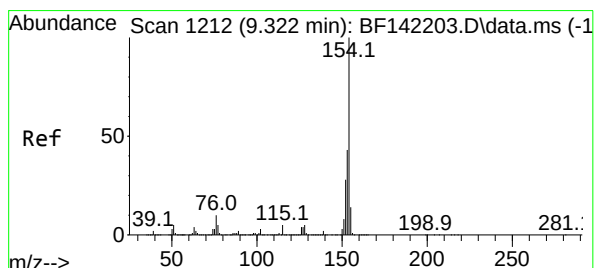
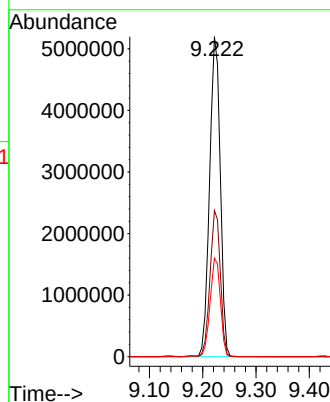
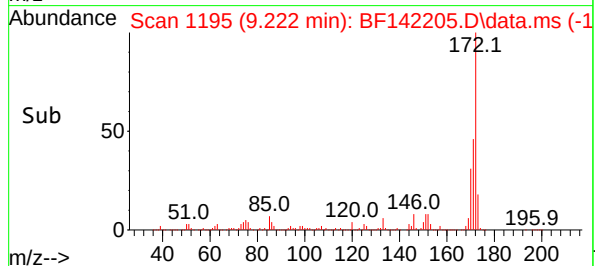
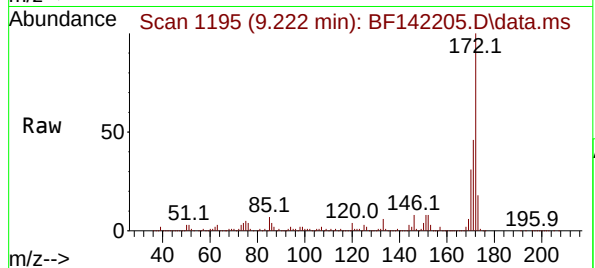




#45
2-Fluorobiphenyl
Concen: 95.159 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

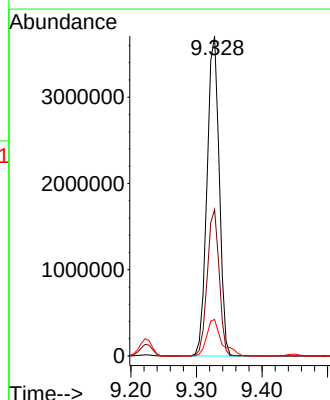
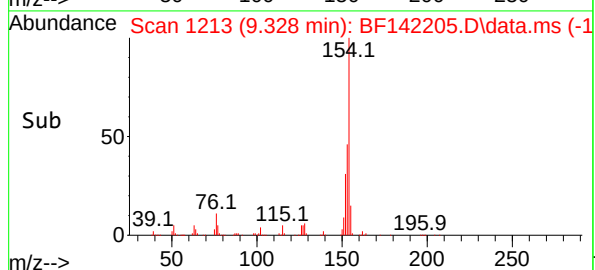
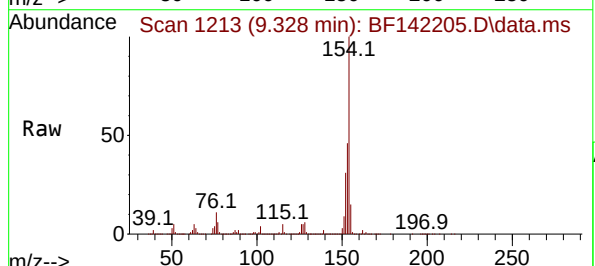
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

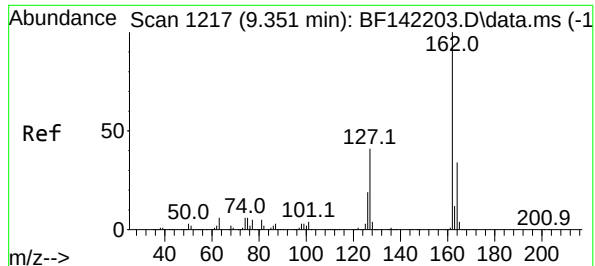
Tgt Ion:172 Resp: 7218795
Ion Ratio Lower Upper
172 100
171 45.7 32.1 48.1
170 30.8 21.4 32.0



#46
1,1'-Biphenyl
Concen: 54.226 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:154 Resp: 4807939
Ion Ratio Lower Upper
154 100
153 45.7 22.5 62.5
76 11.4 0.0 30.4





#47

2-Chloronaphthalene

Concen: 57.329 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

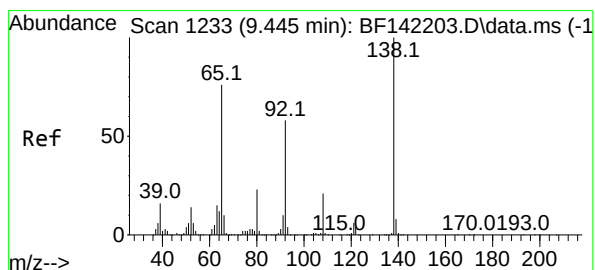
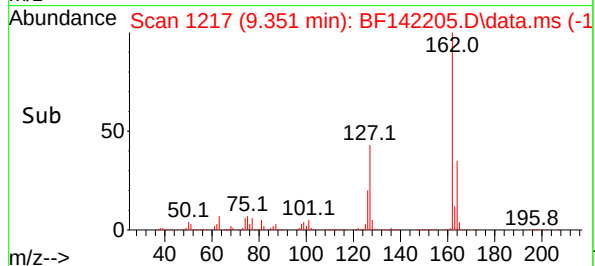
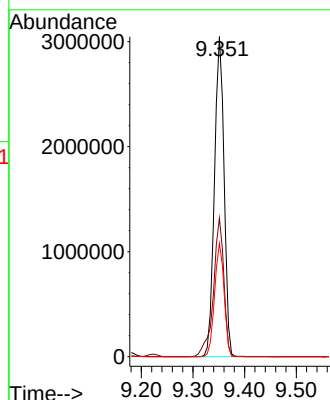
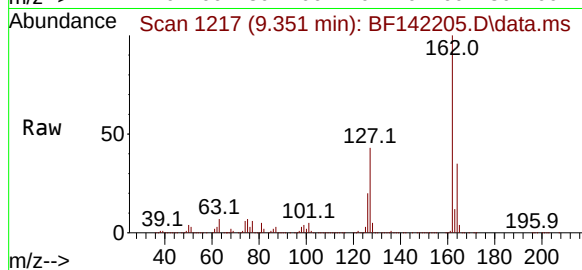
Tgt Ion:162 Resp: 3945490

Ion Ratio Lower Upper

162 100

127 43.3 33.1 49.7

164 35.4 27.1 40.7



#48

2-Nitroaniline

Concen: 63.161 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

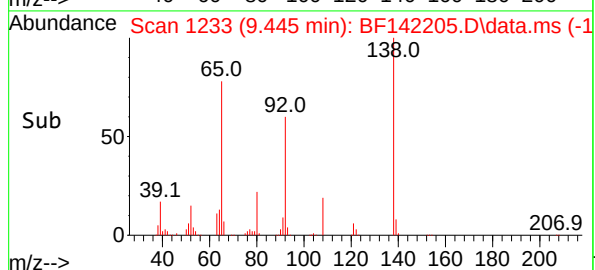
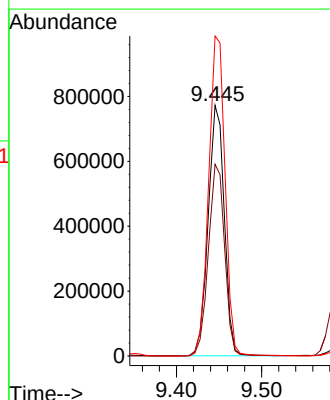
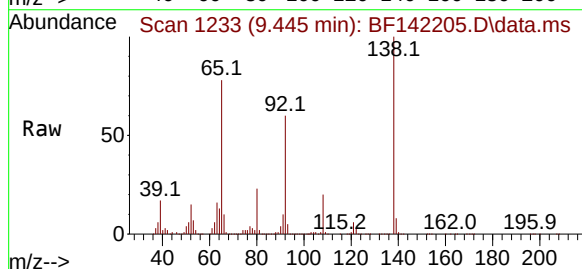
Tgt Ion: 65 Resp: 1018914

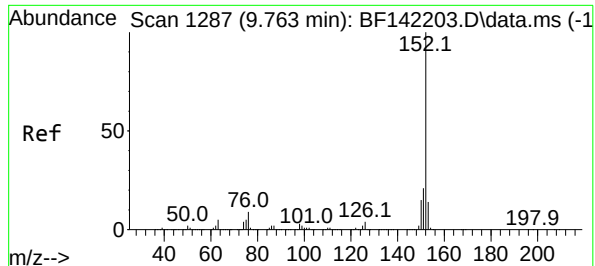
Ion Ratio Lower Upper

65 100

92 76.5 61.4 92.0

138 127.7 105.8 158.6





#49

Acenaphthylene

Concen: 54.857 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

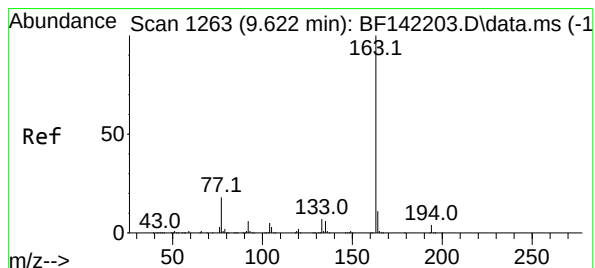
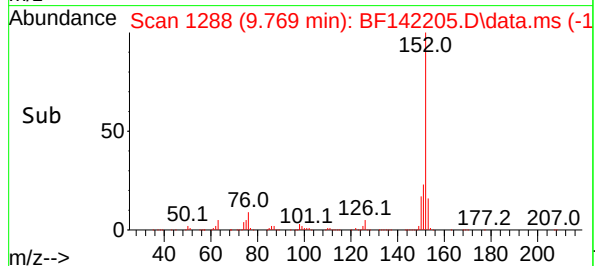
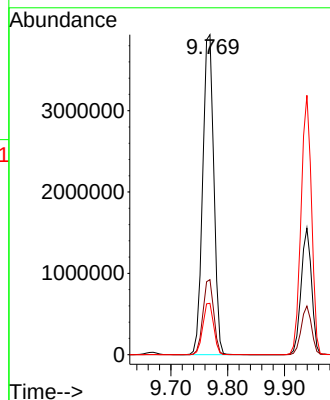
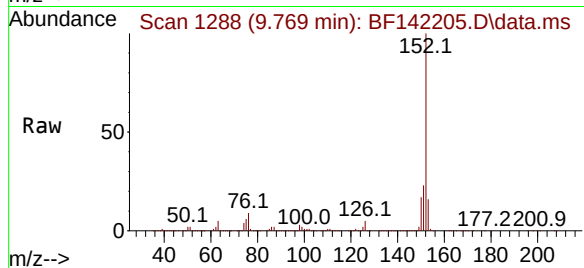
Tgt Ion:152 Resp: 5336299

Ion Ratio Lower Upper

152 100

151 23.4 16.9 25.3

153 16.1 11.6 17.4



#50

Dimethylphthalate

Concen: 58.846 ng

RT: 9.628 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

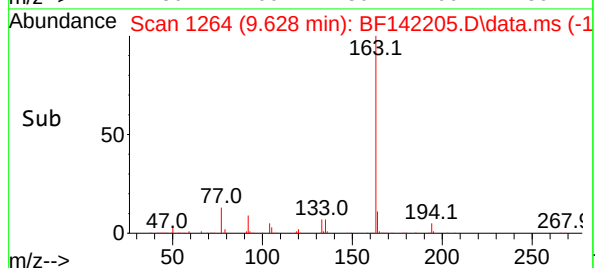
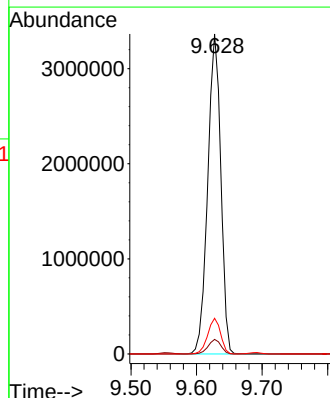
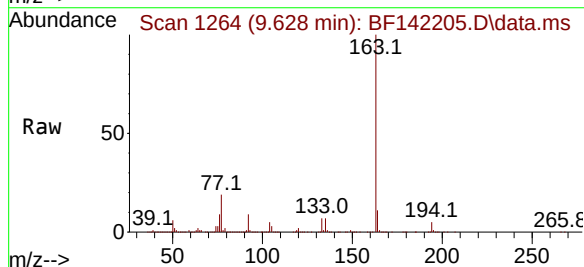
Tgt Ion:163 Resp: 4665173

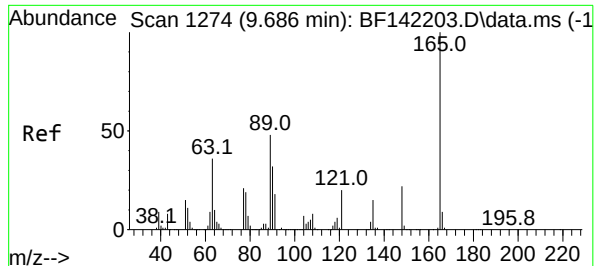
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 11.2 8.6 12.8

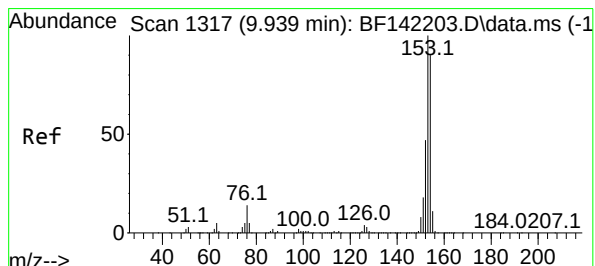
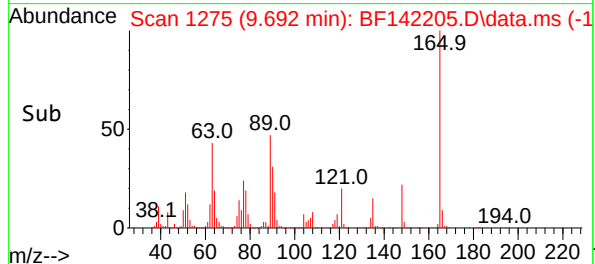
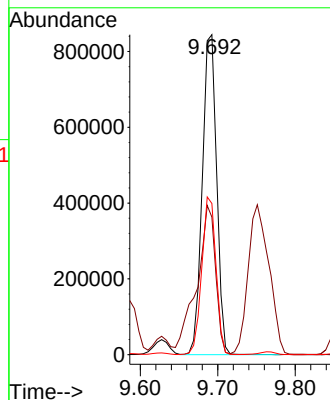
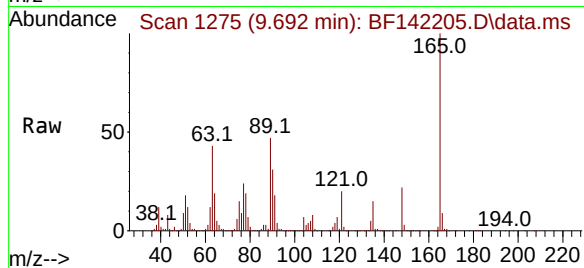




#51
2,6-Dinitrotoluene
Concen: 60.923 ng
RT: 9.692 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

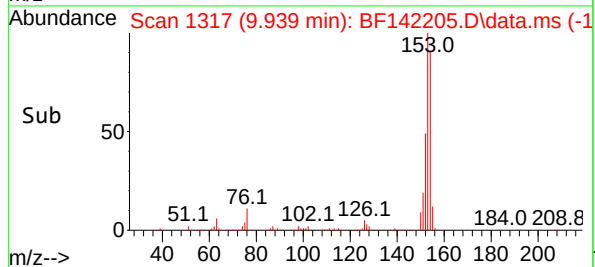
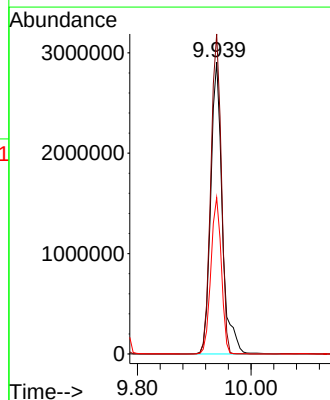
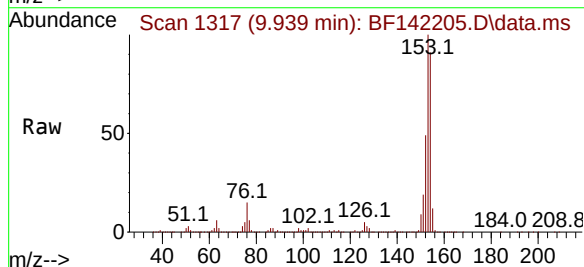
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

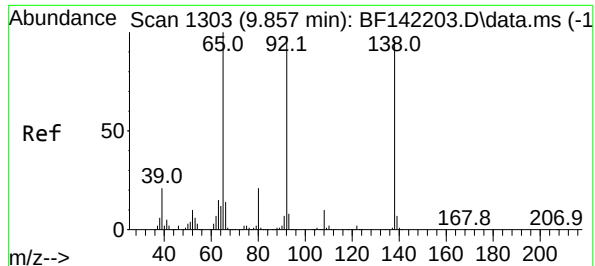
Tgt Ion:165 Resp: 1084356
Ion Ratio Lower Upper
165 100
63 43.0 35.4 53.2
89 47.3 38.6 58.0



#52
Acenaphthene
Concen: 58.336 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:154 Resp: 4089310
Ion Ratio Lower Upper
154 100
153 109.6 89.0 133.4
152 53.5 41.8 62.8

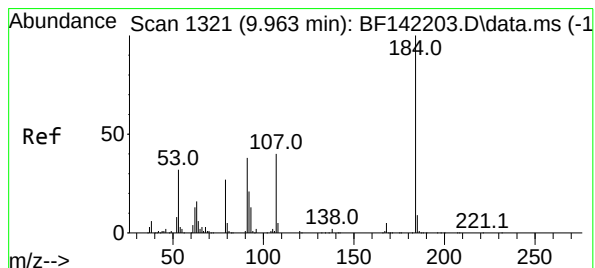
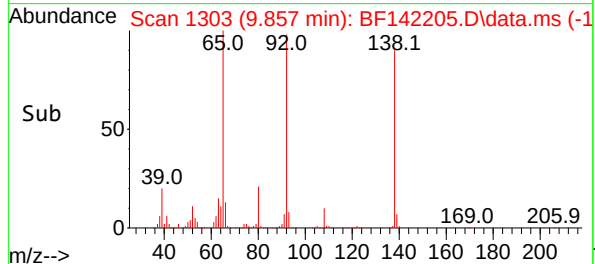
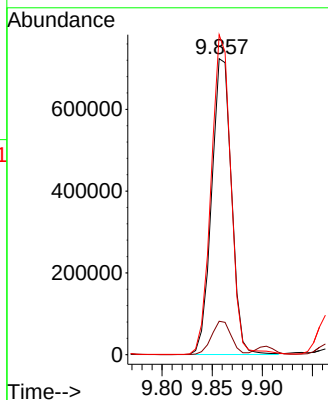
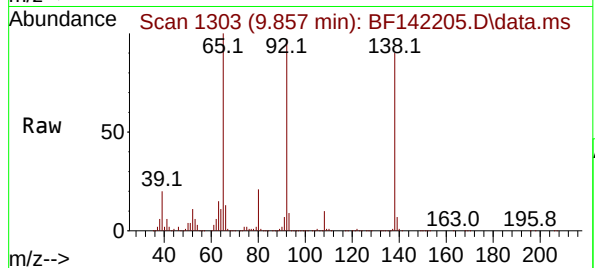




#53
3-Nitroaniline
Concen: 58.536 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

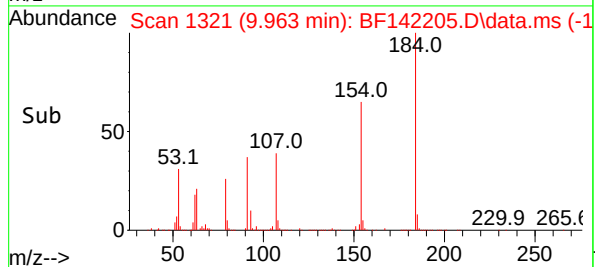
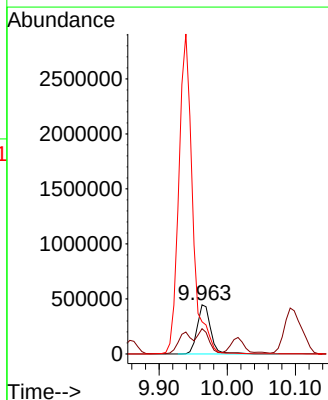
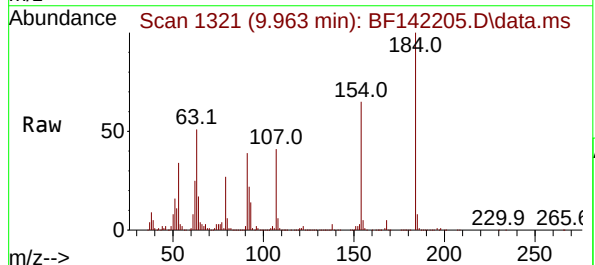
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

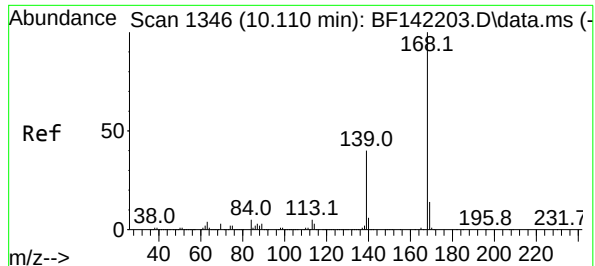
Tgt Ion:138 Resp: 998302
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 108.1 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 70.499 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:184 Resp: 614577
Ion Ratio Lower Upper
184 100
63 51.3 39.0 58.4
154 65.4 52.2 78.4

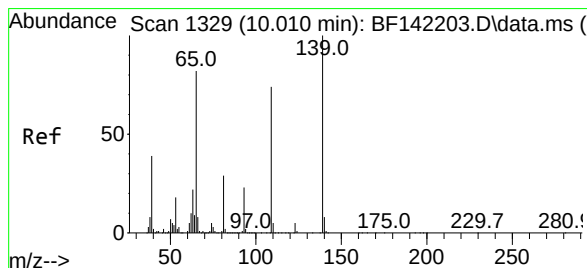
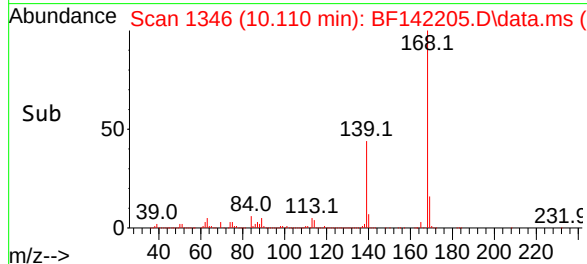
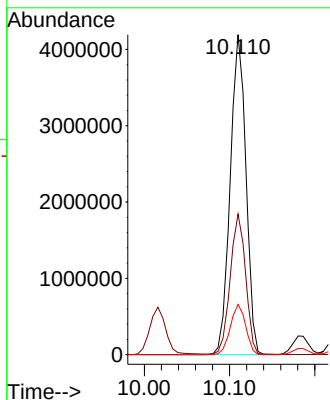
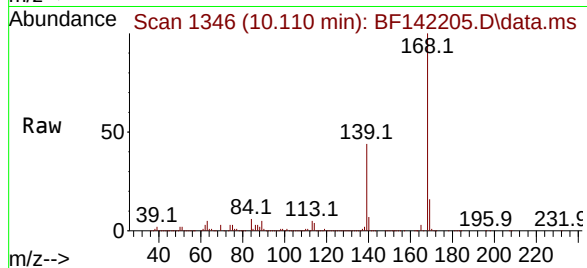




#55
Dibenzofuran
Concen: 54.813 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

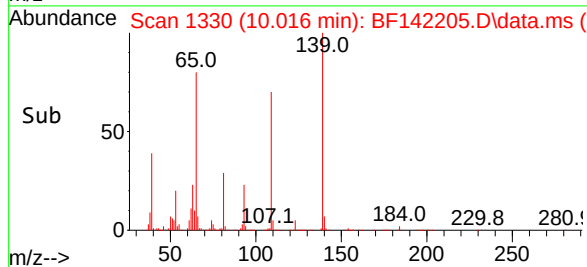
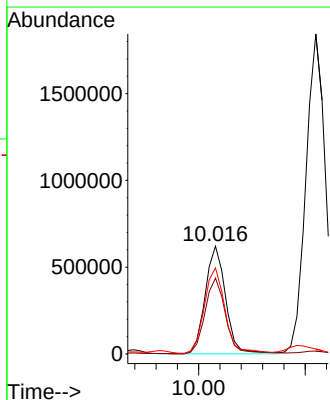
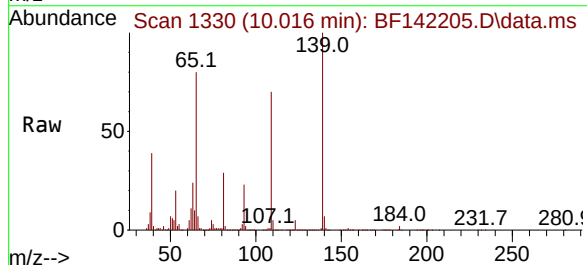
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

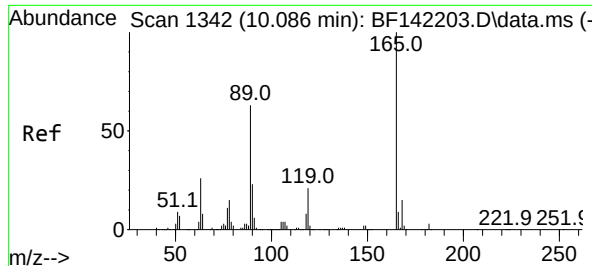
Tgt Ion:168 Resp: 5386705
Ion Ratio Lower Upper
168 100
139 44.0 32.3 48.5
169 15.7 11.4 17.0



#56
4-Nitrophenol
Concen: 66.446 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:139 Resp: 828927
Ion Ratio Lower Upper
139 100
109 70.2 54.1 94.1
65 79.8 62.1 102.1



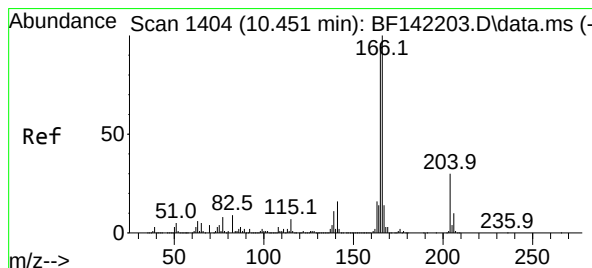
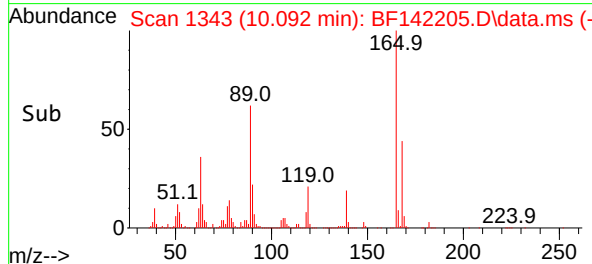
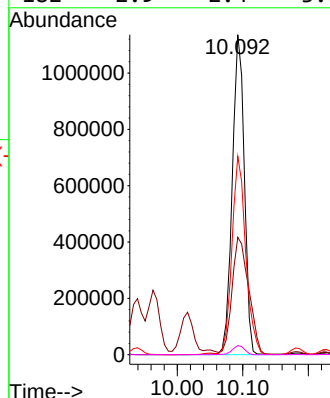
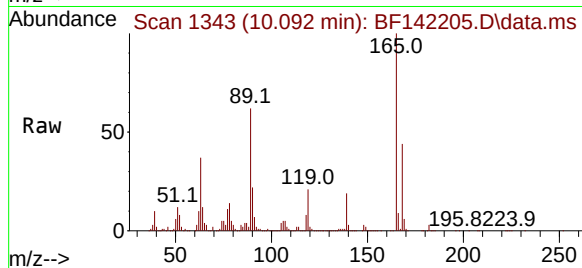


#57
2,4-Dinitrotoluene
Concen: 63.197 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1452828

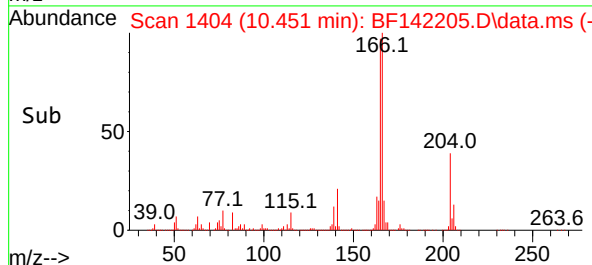
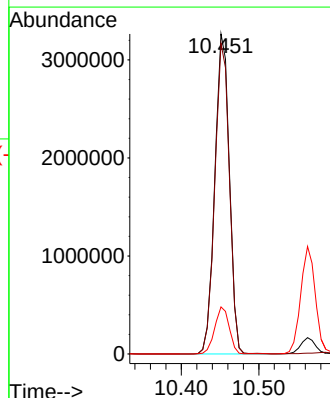
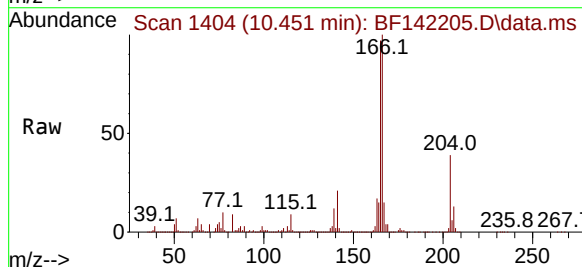
Ion	Ratio	Lower	Upper
165	100		
63	36.7	29.0	43.6
89	62.0	50.1	75.1
182	2.9	2.4	3.6

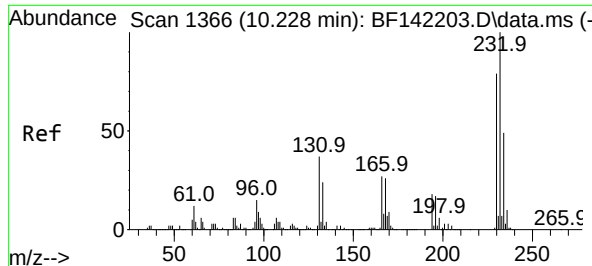


#58
Fluorene
Concen: 55.996 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:166 Resp: 4256894

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.1	115.7
167	14.7	11.0	16.4

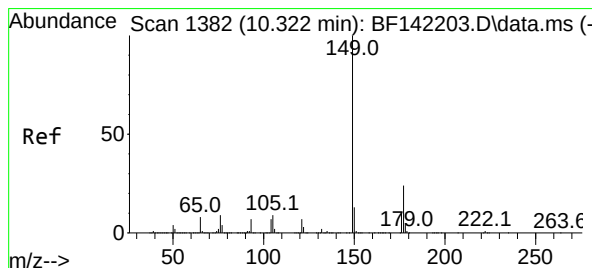
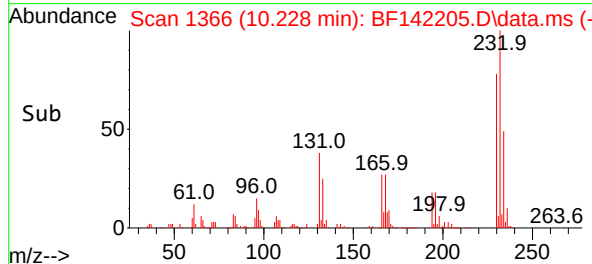
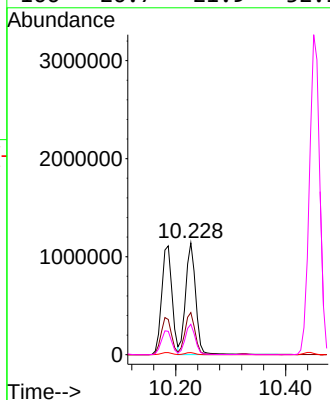
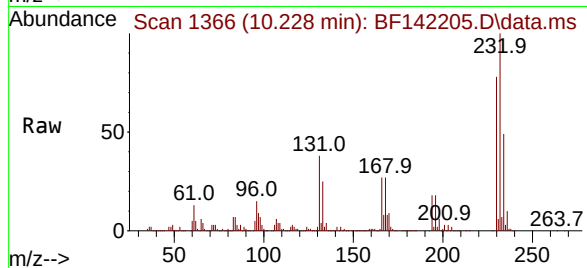




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.925 ng
RT: 10.228 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

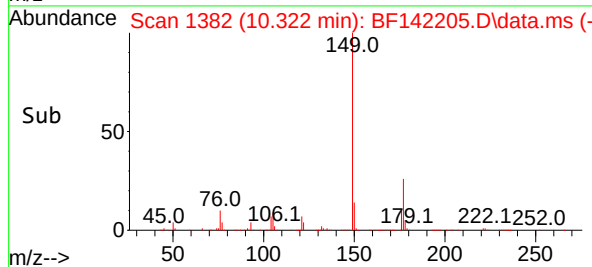
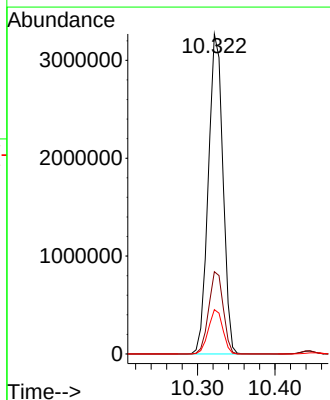
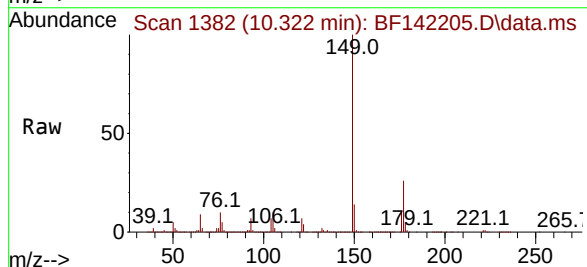
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

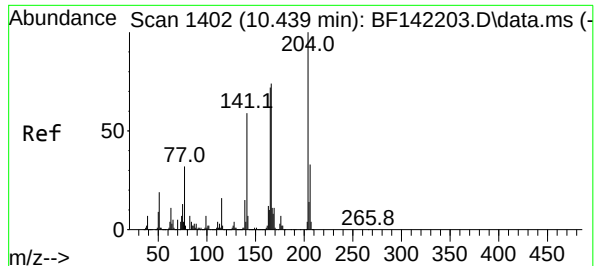
Tgt Ion:232 Resp: 1446909
Ion Ratio Lower Upper
232 100
131 37.9 31.9 47.9
130 1.9 1.6 2.4
166 26.7 21.9 32.9



#60
Diethylphthalate
Concen: 57.794 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:149 Resp: 4278367
Ion Ratio Lower Upper
149 100
177 25.7 19.6 29.4
150 13.9 10.6 15.8

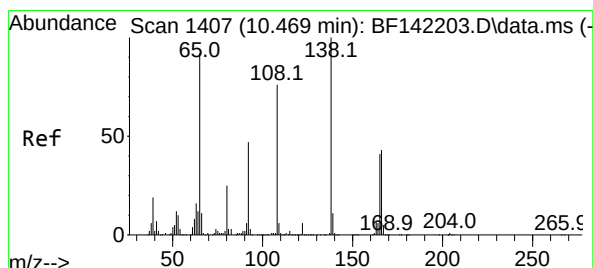
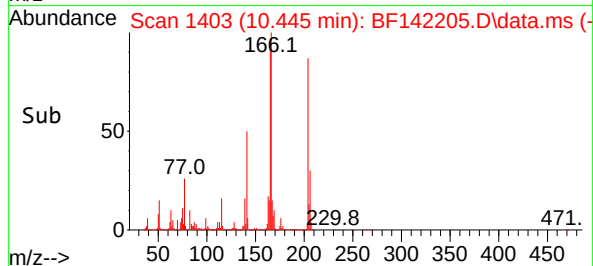
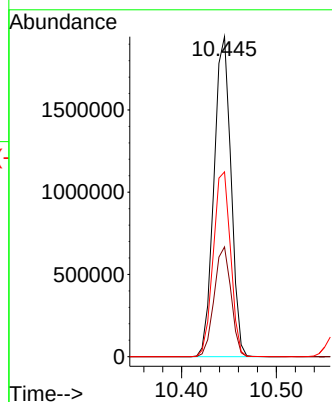
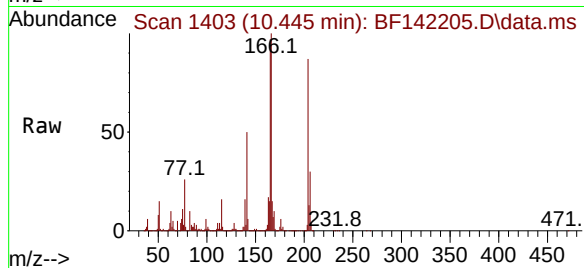




#61
4-Chlorophenyl-phenylether
Concen: 57.874 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

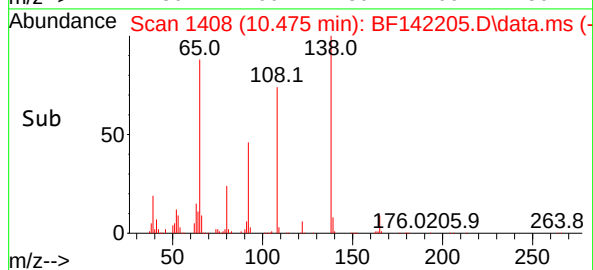
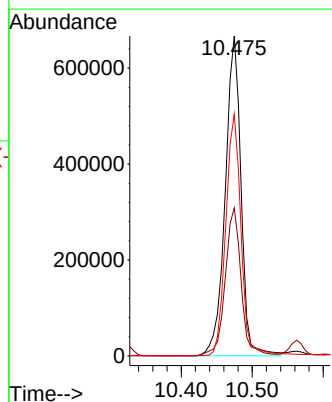
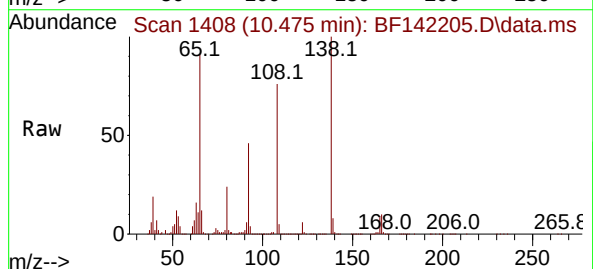
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

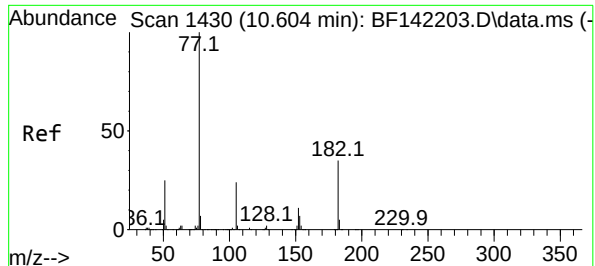
Tgt Ion:204 Resp: 2422507
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 57.7 47.0 70.6



#62
4-Nitroaniline
Concen: 63.469 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:138 Resp: 1028845
Ion Ratio Lower Upper
138 100
92 46.3 26.7 66.7
108 75.5 56.5 96.5



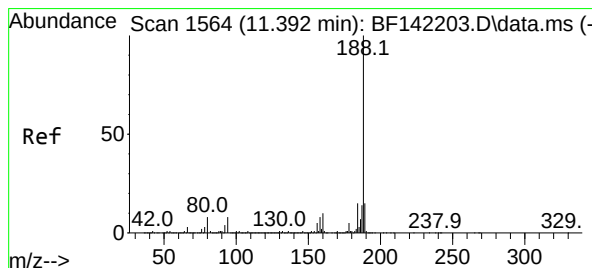
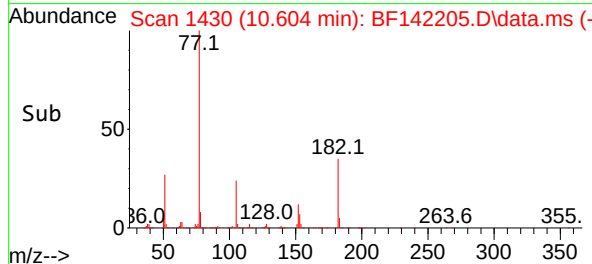
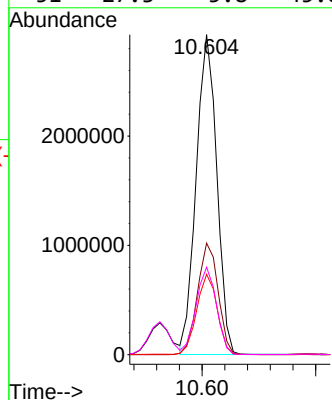
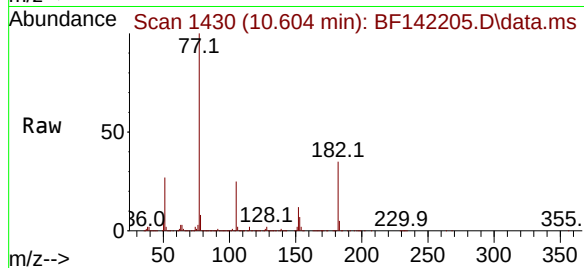


#63
Azobenzene
Concen: 57.118 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3681883

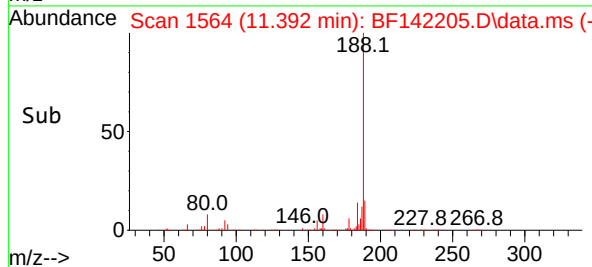
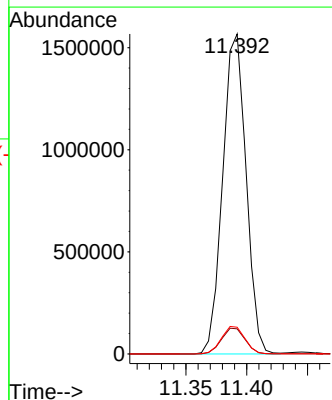
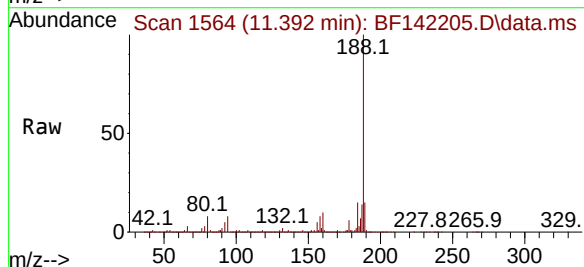
Ion	Ratio	Lower	Upper
77	100		
182	34.8	14.8	54.8
105	25.1	4.0	44.0
51	27.3	5.8	45.8

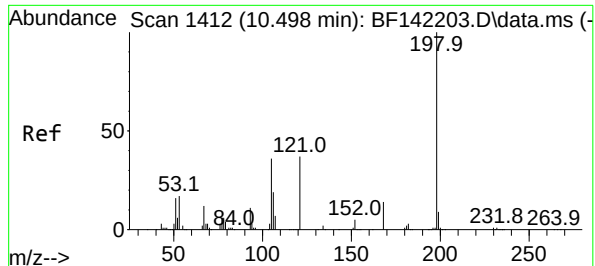


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 188 Resp: 2095728

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.3	6.7	10.1

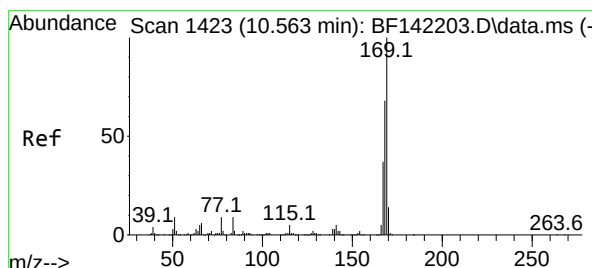
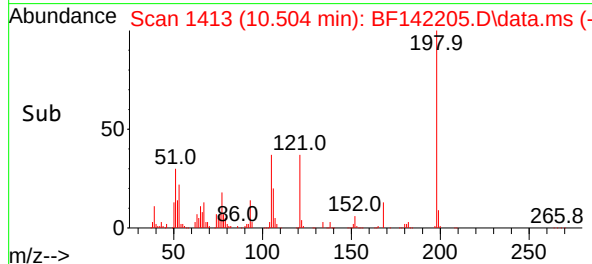
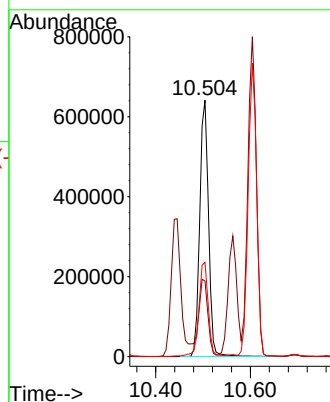
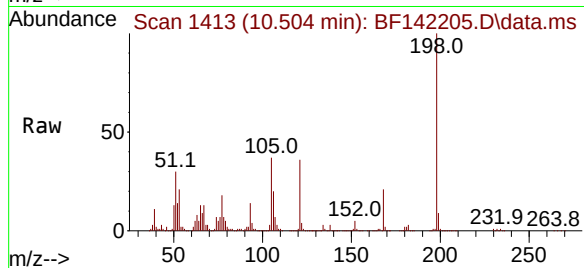




#65
4,6-Dinitro-2-methylphenol
Concen: 67.574 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

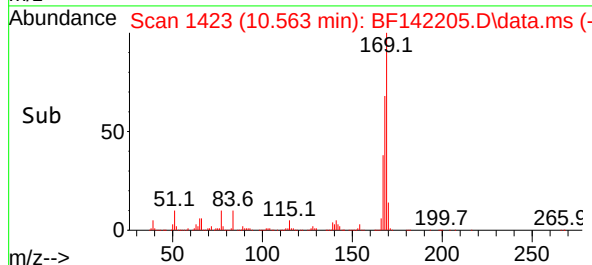
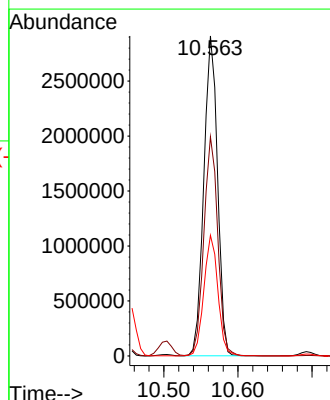
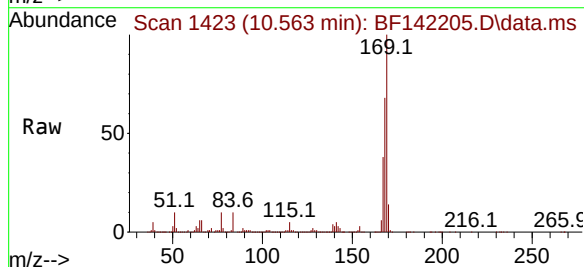
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

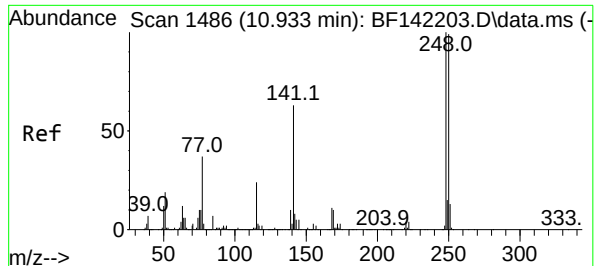
Tgt Ion:198 Resp: 826648
Ion Ratio Lower Upper
198 100
51 29.5 10.2 50.2
105 36.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 58.266 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:169 Resp: 3742449
Ion Ratio Lower Upper
169 100
168 68.5 54.2 81.2
167 37.7 29.4 44.2

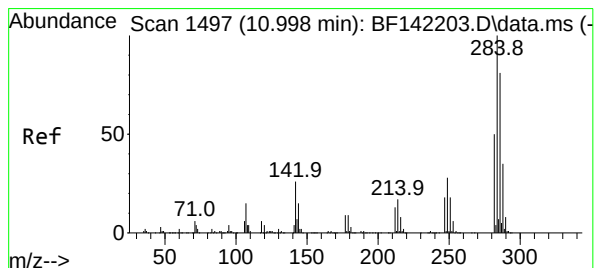
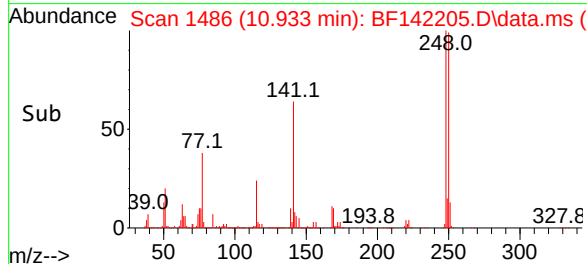
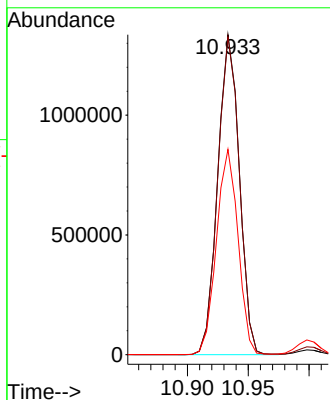
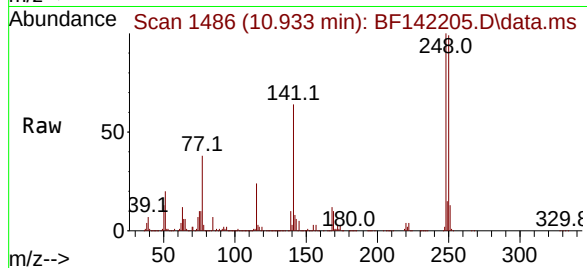




#67
4-Bromophenyl-phenylether
Concen: 60.013 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

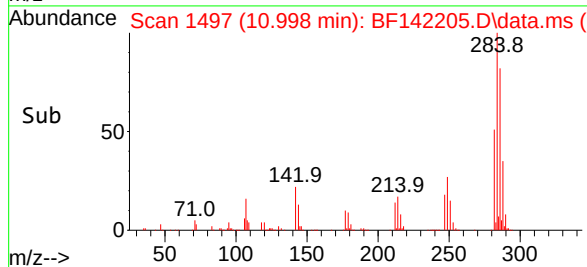
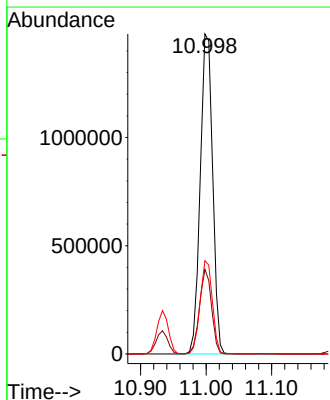
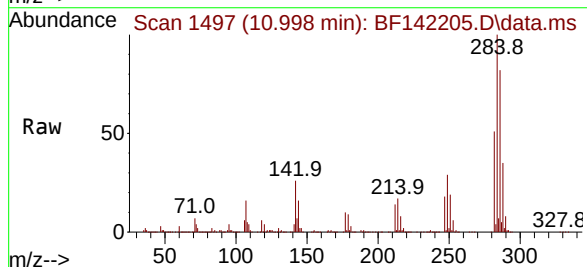
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

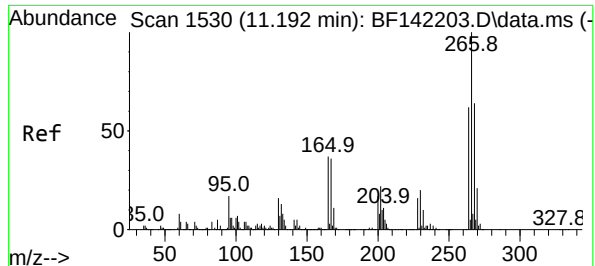
Tgt Ion:248 Resp: 1654029
Ion Ratio Lower Upper
248 100
250 99.3 78.8 118.2
141 64.1 50.6 75.8



#68
Hexachlorobenzene
Concen: 59.544 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:284 Resp: 1952979
Ion Ratio Lower Upper
284 100
142 26.5 20.7 31.1
249 29.2 22.8 34.2

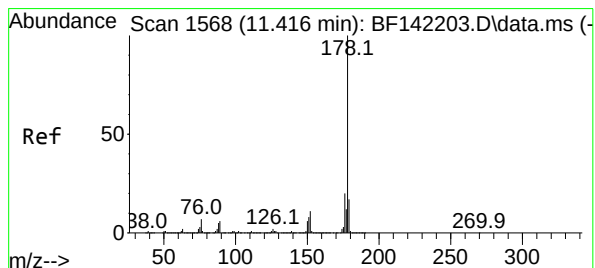
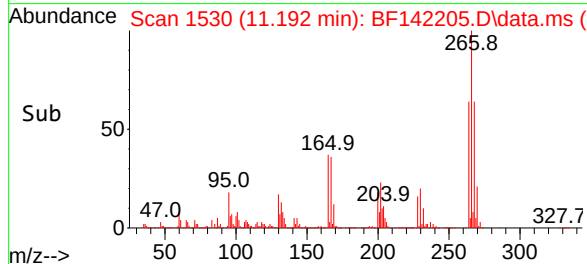
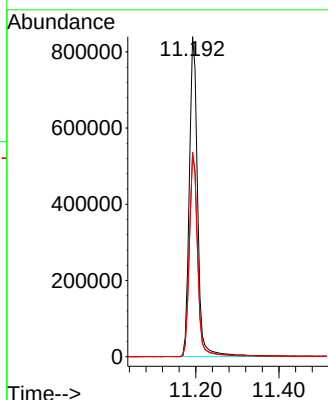
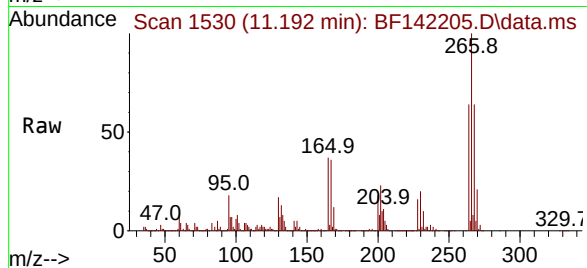




#70
Pentachlorophenol
Concen: 69.373 ng
RT: 11.192 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

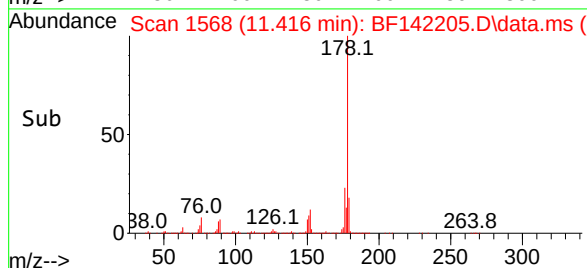
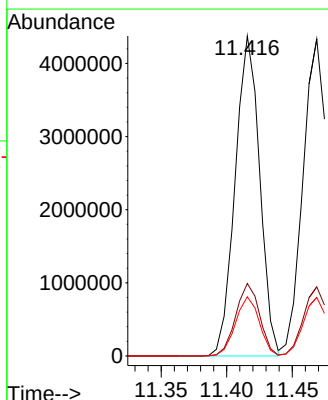
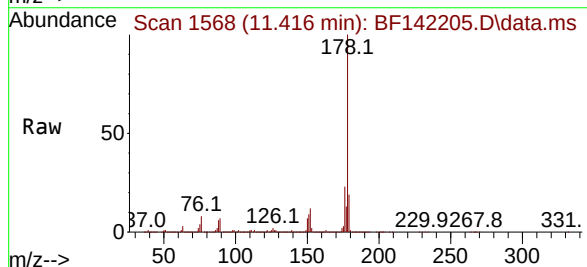
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

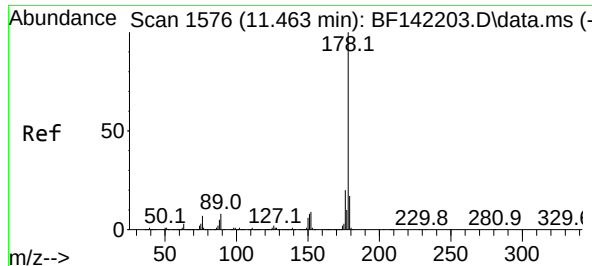
Tgt Ion:266 Resp: 1160747
Ion Ratio Lower Upper
266 100
268 63.7 50.9 76.3
264 63.8 49.4 74.2



#71
Phenanthrene
Concen: 54.693 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:178 Resp: 5691957
Ion Ratio Lower Upper
178 100
176 22.6 16.3 24.5
179 18.5 13.3 19.9

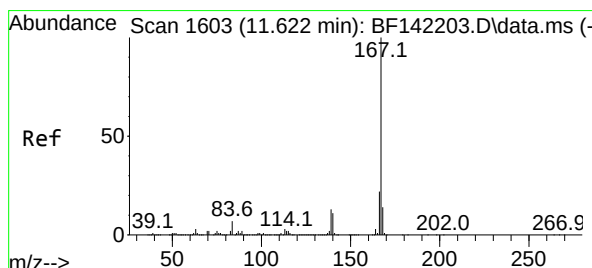
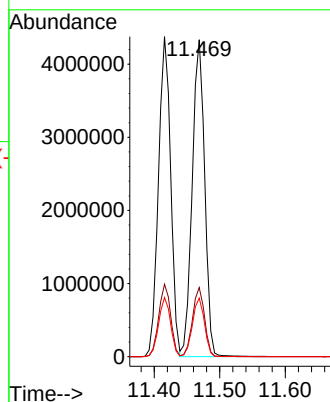
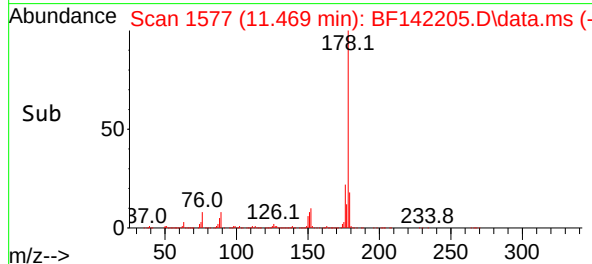
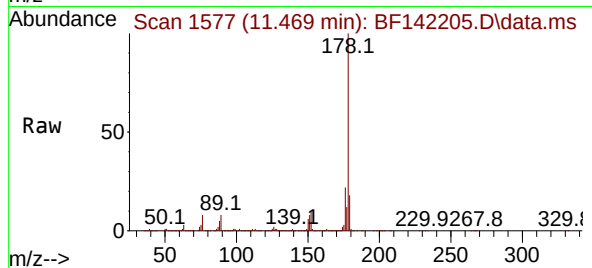




#72
Anthracene
Concen: 54.904 ng
RT: 11.469 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

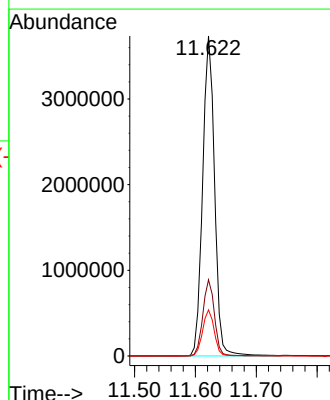
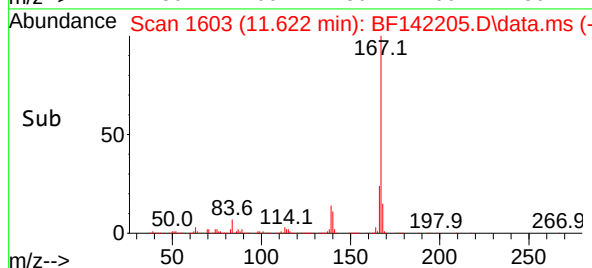
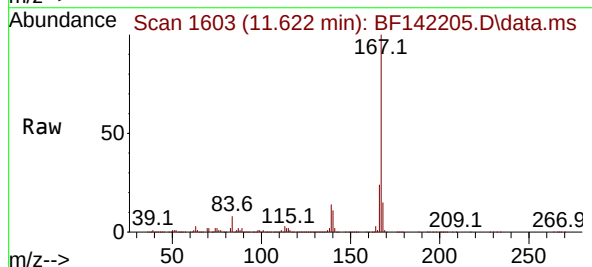
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

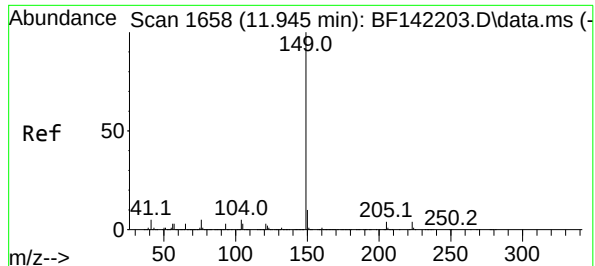
Tgt Ion:178 Resp: 5713319
Ion Ratio Lower Upper
178 100
176 21.8 15.6 23.4
179 18.5 13.4 20.0



#73
Carbazole
Concen: 56.052 ng
RT: 11.622 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:167 Resp: 5095707
Ion Ratio Lower Upper
167 100
166 23.8 17.4 26.2
139 14.4 10.7 16.1

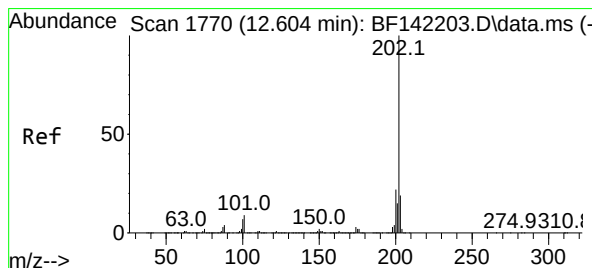
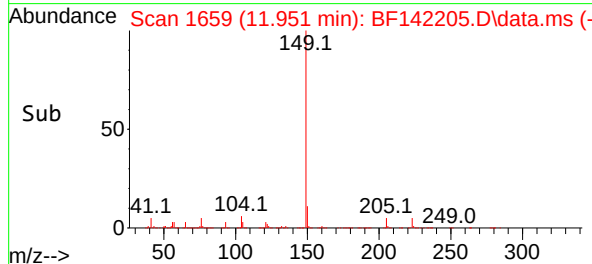
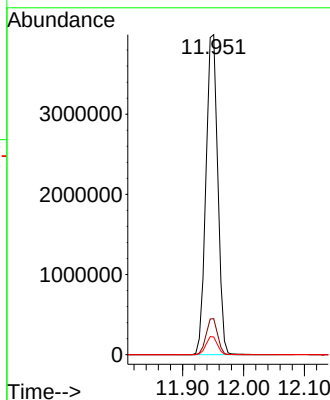
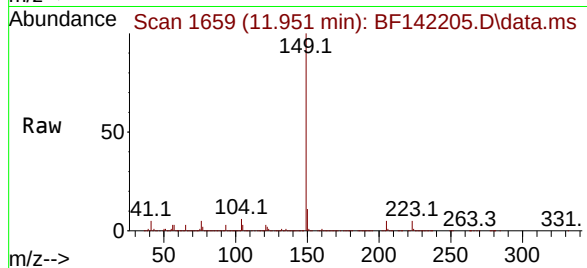




#74
Di-n-butylphthalate
Concen: 57.167 ng
RT: 11.951 min Scan# 1659
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

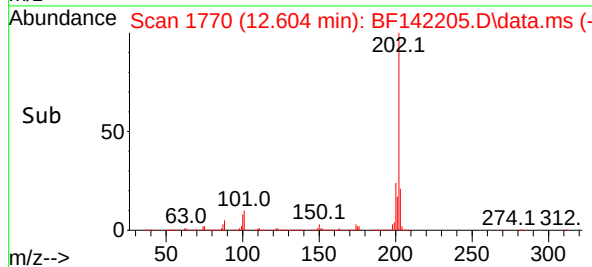
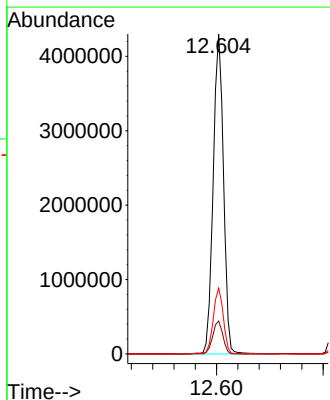
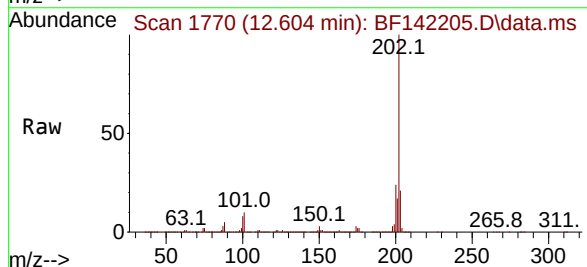
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

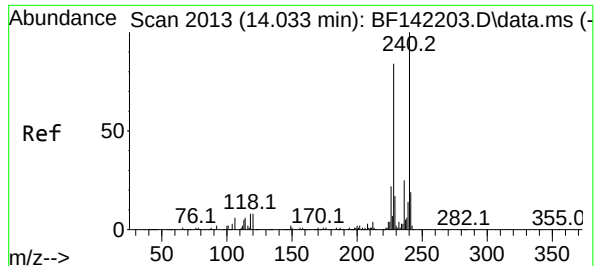
Tgt Ion:149 Resp: 5379091
Ion Ratio Lower Upper
149 100
150 11.2 7.9 11.9
104 5.6 4.0 6.0



#75
Fluoranthene
Concen: 53.436 ng
RT: 12.604 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:202 Resp: 5780606
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.9
203 20.6 0.0 38.6

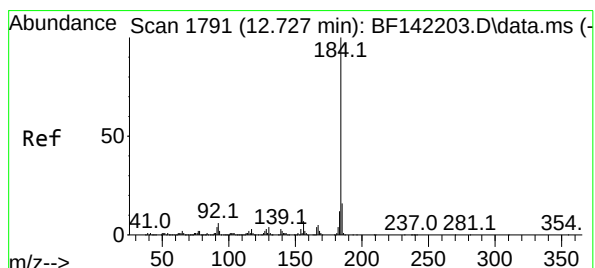
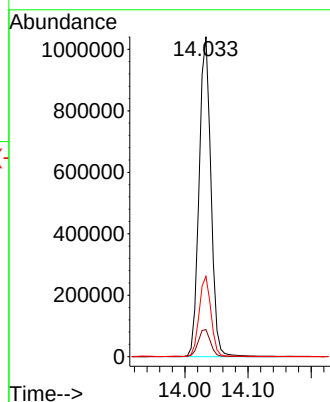
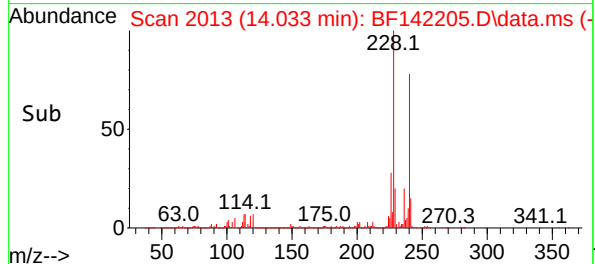
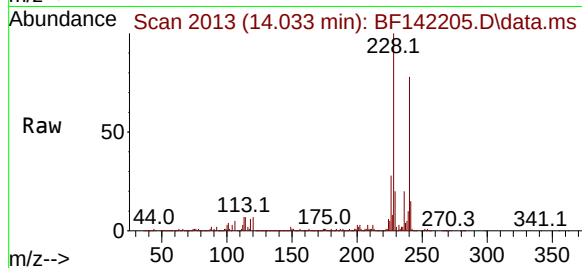




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

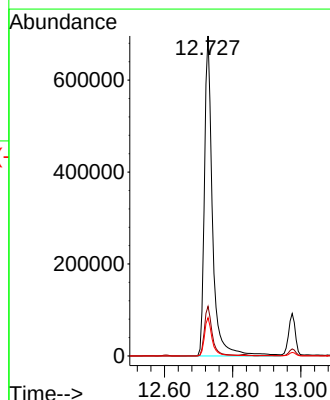
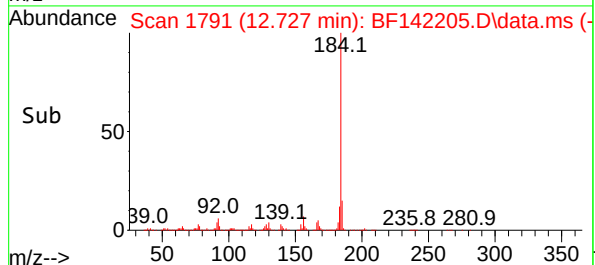
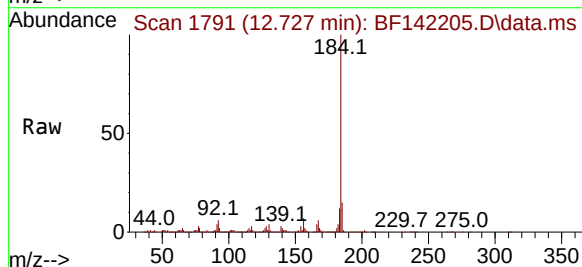
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

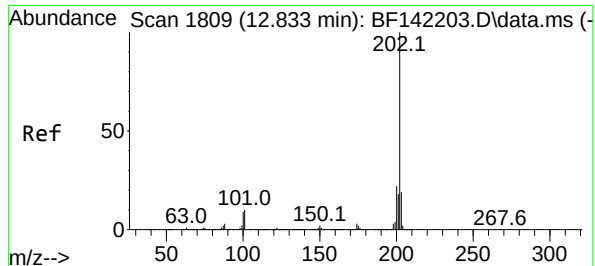
Tgt Ion:240 Resp: 1348321
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.1 20.2 30.2



#77
Benzidine
Concen: 66.175 ng
RT: 12.727 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:184 Resp: 1151428
Ion Ratio Lower Upper
184 100
185 15.5 13.0 19.6
183 12.0 9.6 14.4

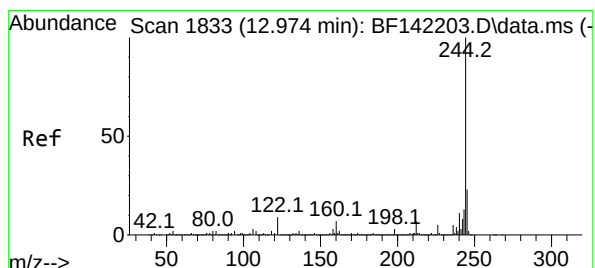
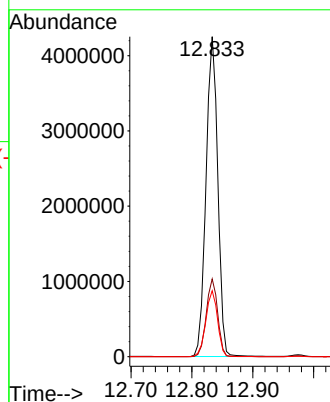
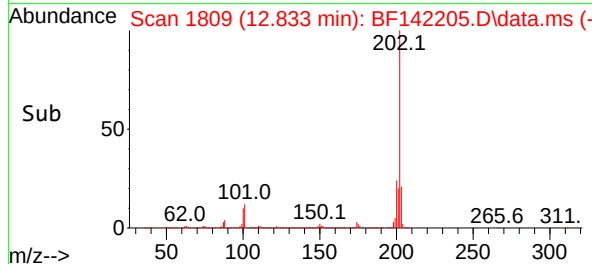
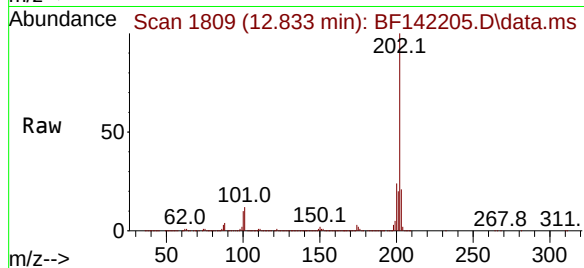




#78
Pyrene
Concen: 53.353 ng
RT: 12.833 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

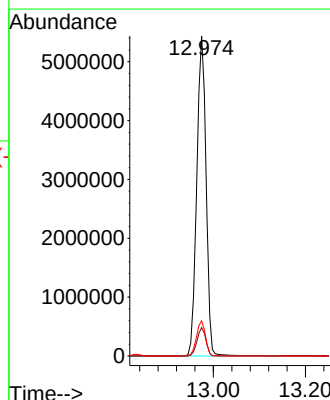
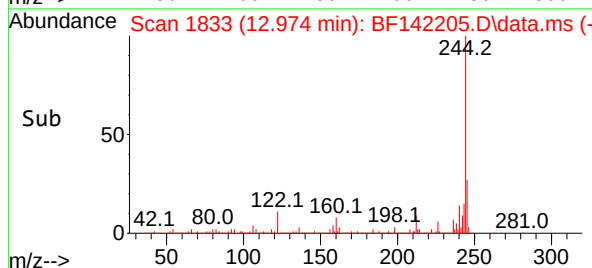
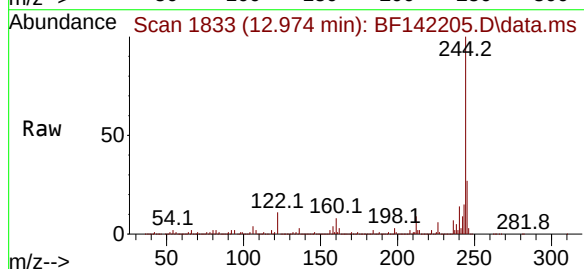
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

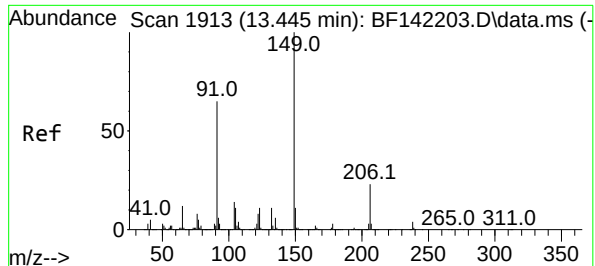
Tgt Ion:202 Resp: 5713416
Ion Ratio Lower Upper
202 100
200 24.3 17.6 26.4
203 20.6 14.8 22.2



#79
Terphenyl-d14
Concen: 94.405 ng
RT: 12.974 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:244 Resp: 7597917
Ion Ratio Lower Upper
244 100
212 8.9 5.9 8.9
122 11.0 7.3 10.9#

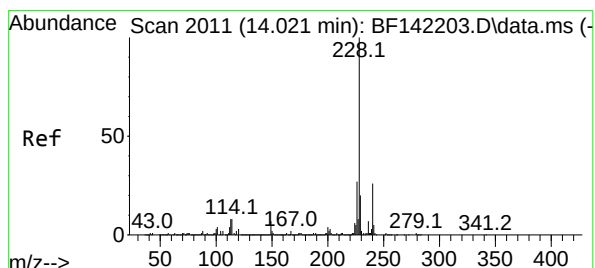
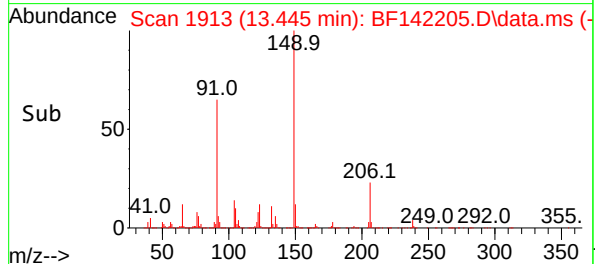
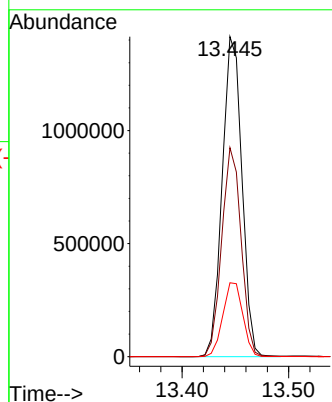
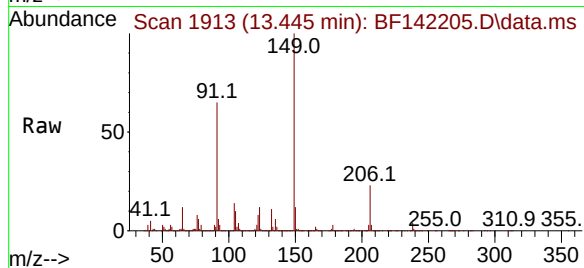




#80
Butylbenzylphthalate
Concen: 69.977 ng
RT: 13.445 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

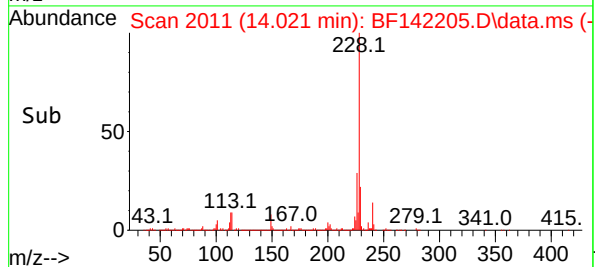
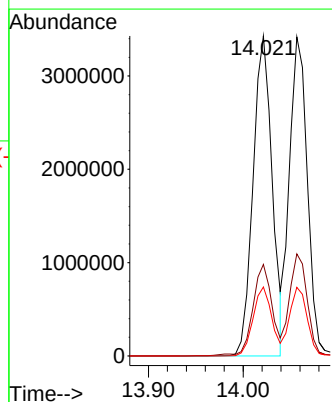
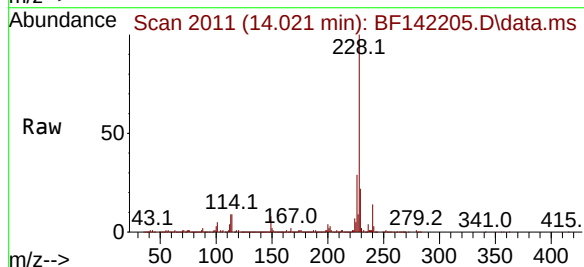
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

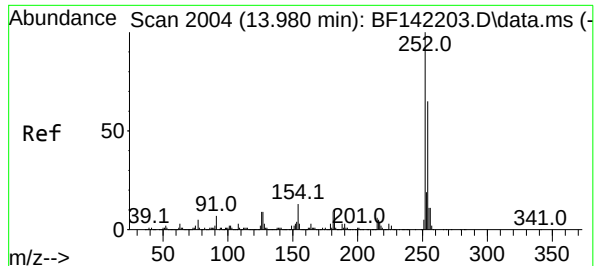
Tgt Ion:149 Resp: 1813777
Ion Ratio Lower Upper
149 100
91 65.3 51.8 77.8
206 23.1 18.2 27.4



#81
Benzo(a)anthracene
Concen: 58.938 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:228 Resp: 4813166
Ion Ratio Lower Upper
228 100
226 28.6 21.8 32.8
229 21.6 16.0 24.0

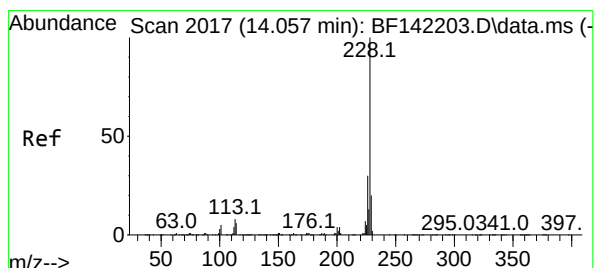
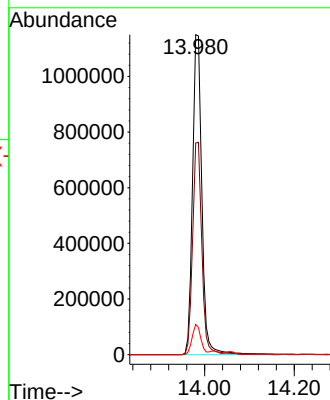
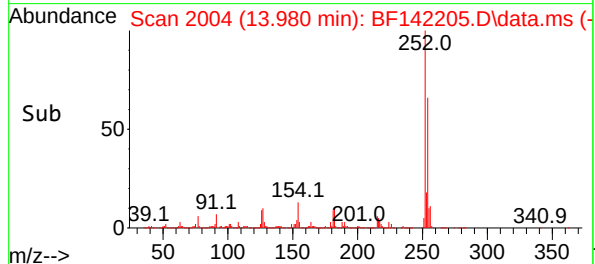
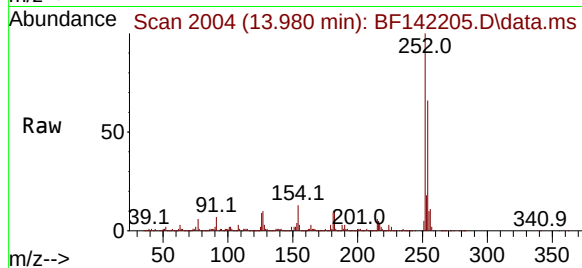




#82
3,3'-Dichlorobenzidine
Concen: 68.388 ng
RT: 13.980 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

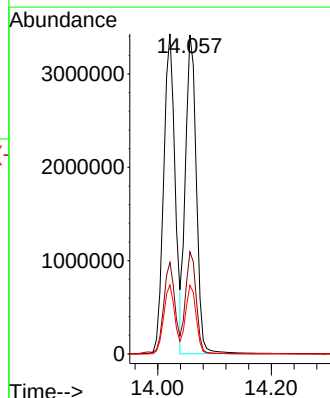
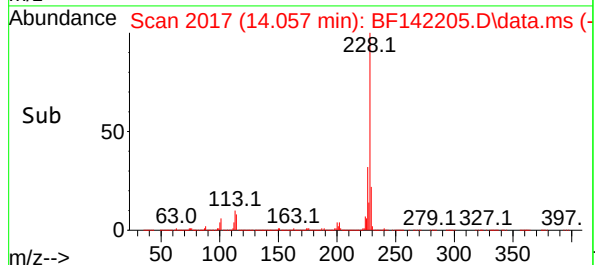
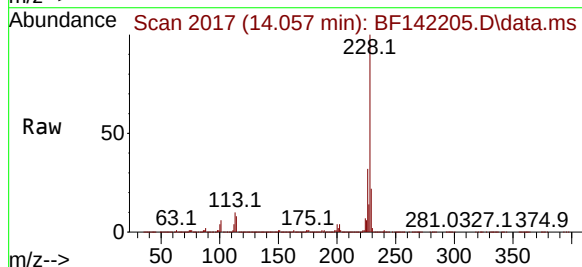
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

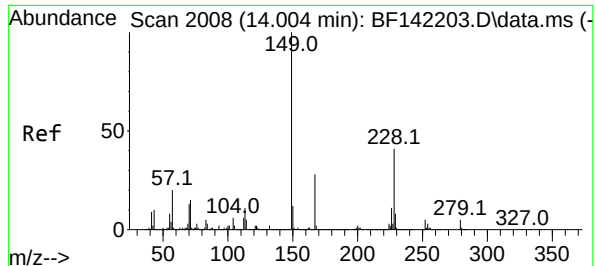
Tgt Ion:252 Resp: 1663107
Ion Ratio Lower Upper
252 100
254 66.1 51.9 77.9
126 9.5 7.4 11.0



#83
Chrysene
Concen: 57.672 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:228 Resp: 4537776
Ion Ratio Lower Upper
228 100
226 32.0 23.9 35.9
229 21.5 16.2 24.4

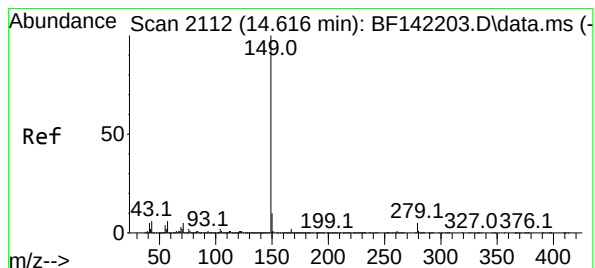
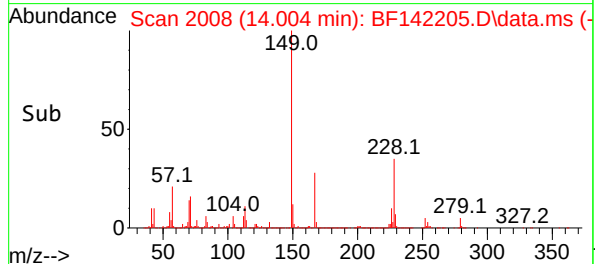
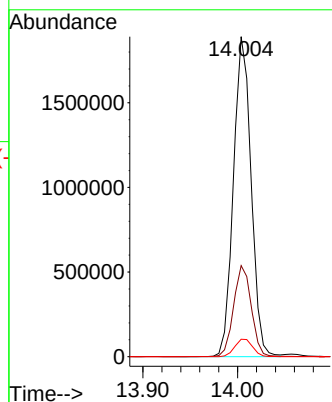
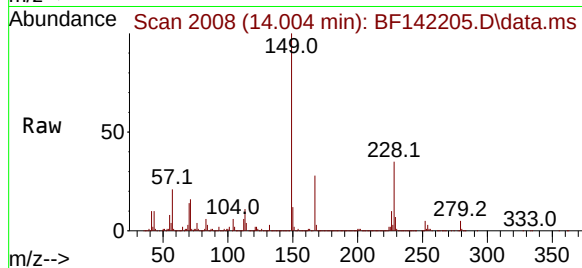




#84
Bis(2-ethylhexyl)phthalate
Concen: 70.574 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

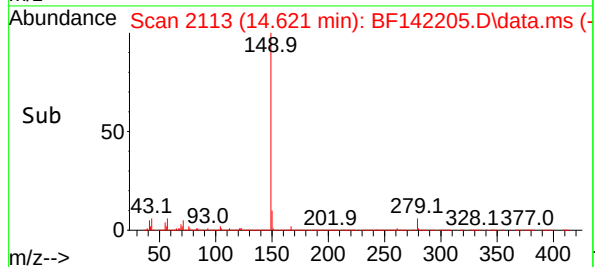
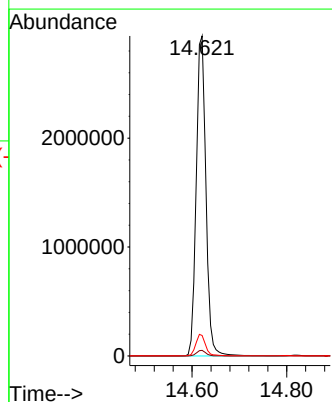
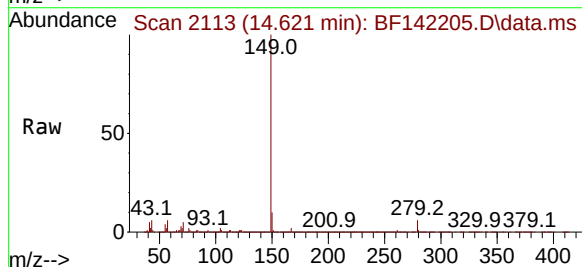
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

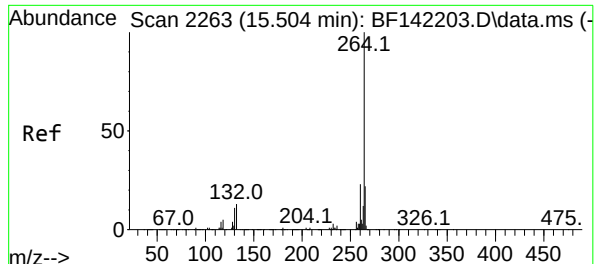
Tgt Ion:149 Resp: 2447206
Ion Ratio Lower Upper
149 100
167 28.5 22.2 33.4
279 5.5 4.2 6.2



#85
Di-n-octyl phthalate
Concen: 67.873 ng
RT: 14.621 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:149 Resp: 4168419
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.8 5.3 7.9

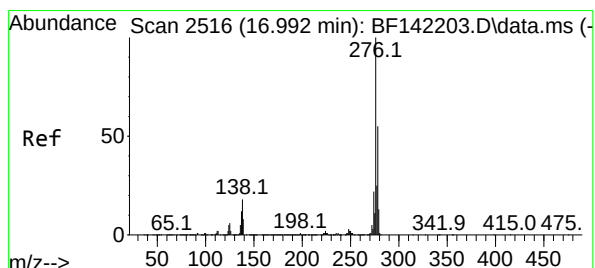
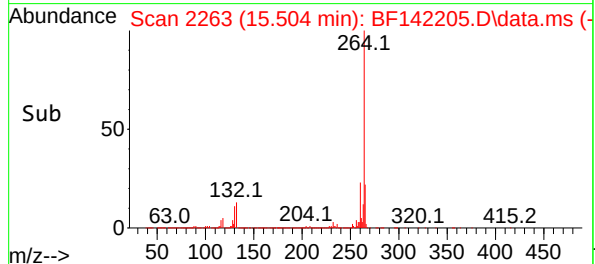
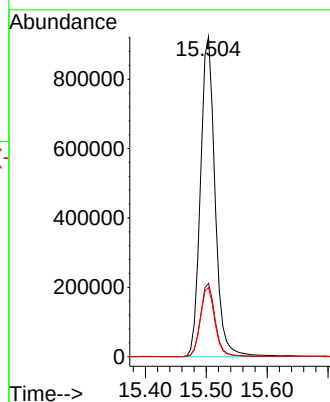
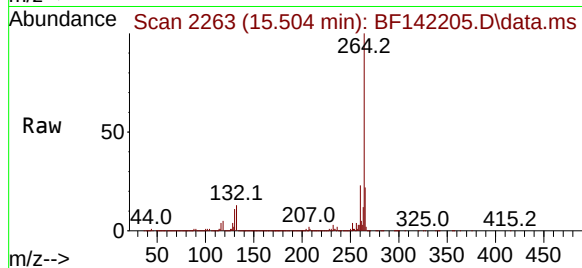




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

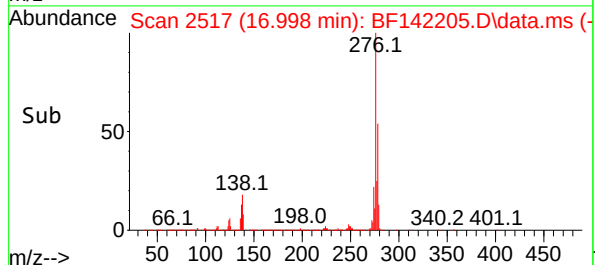
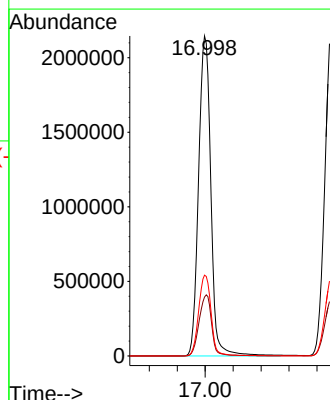
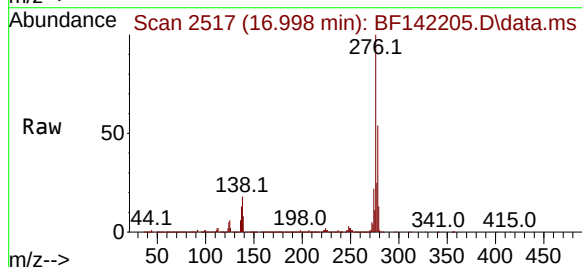
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

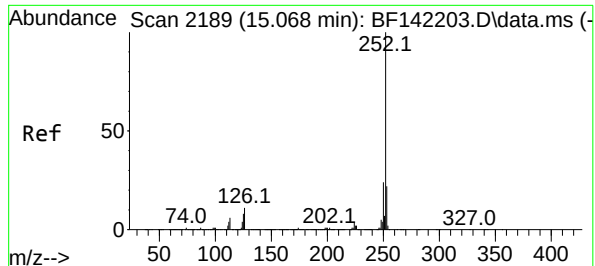
Tgt Ion:264 Resp: 1537238
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.6 16.9 25.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 60.544 ng
RT: 16.998 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:276 Resp: 6529994
Ion Ratio Lower Upper
276 100
138 19.5 15.1 22.7
277 25.7 20.1 30.1

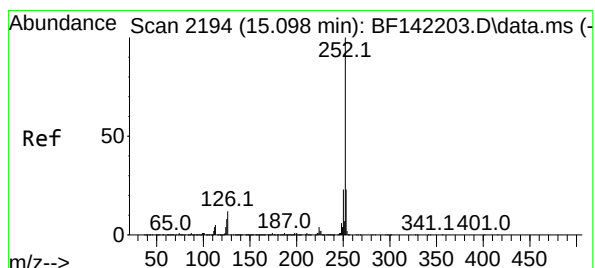
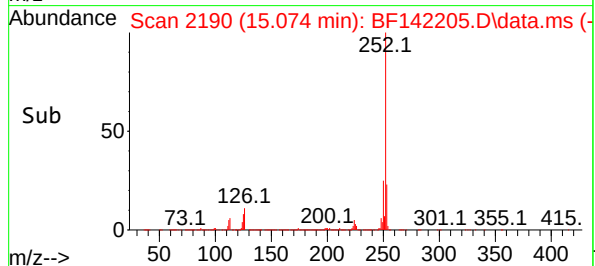
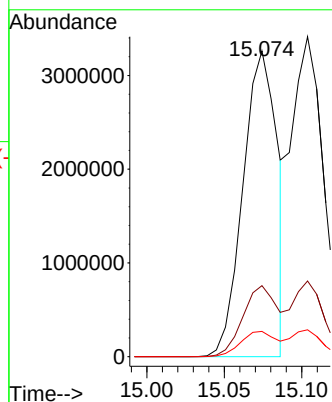
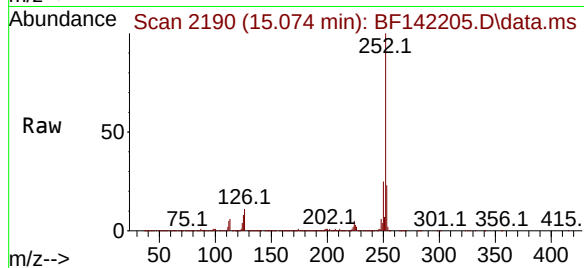




#88
Benzo(b)fluoranthene
Concen: 58.339 ng
RT: 15.074 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

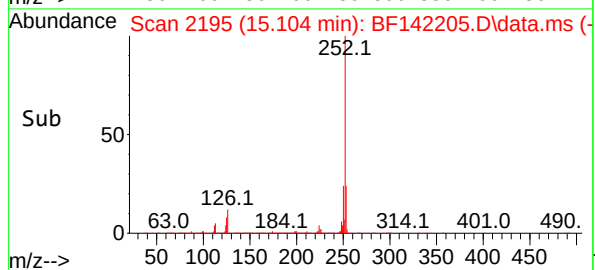
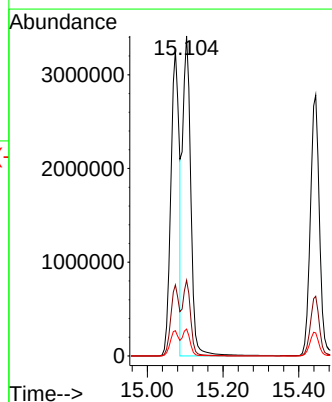
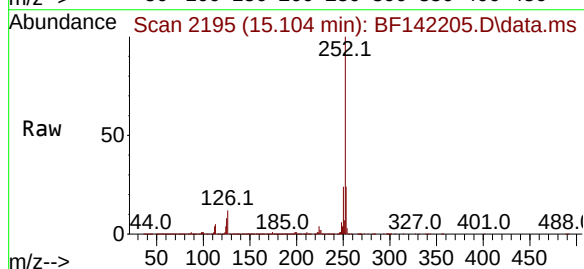
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

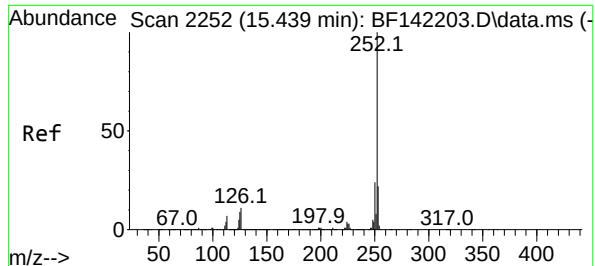
Tgt Ion:252 Resp: 5031379
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 8.3 6.4 9.6



#89
Benzo(k)fluoranthene
Concen: 59.880 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:252 Resp: 5107601
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 8.4 6.6 10.0





#90

Benzo(a)pyrene

Concen: 60.580 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

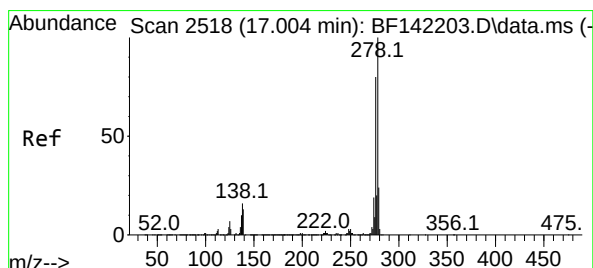
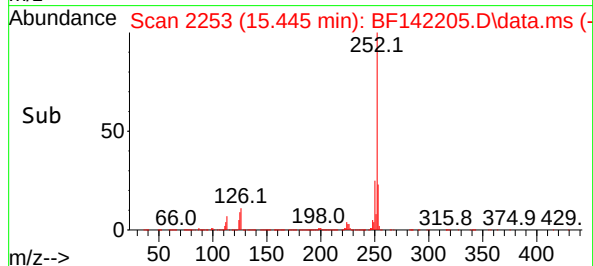
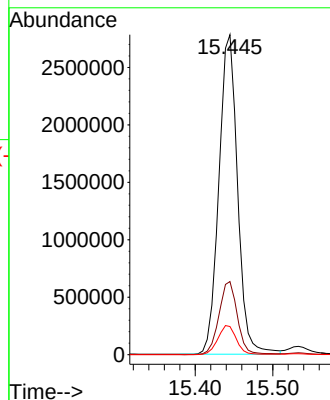
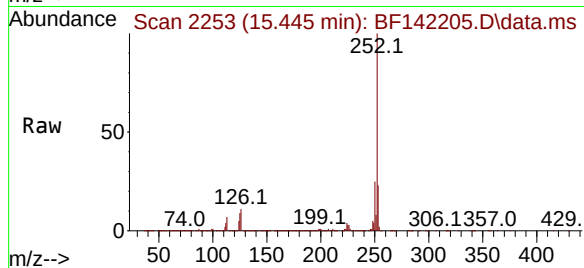
Tgt Ion:252 Resp: 4675726

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 8.8 7.1 10.7



#91

Dibenzo(a,h)anthracene

Concen: 60.536 ng

RT: 17.015 min Scan# 2520

Delta R.T. 0.012 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

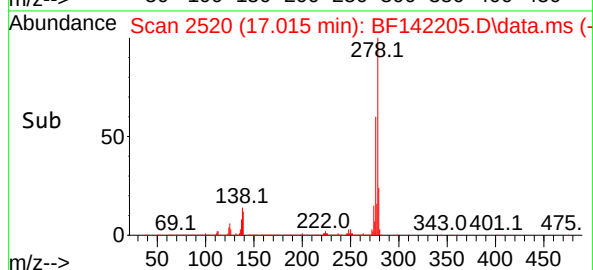
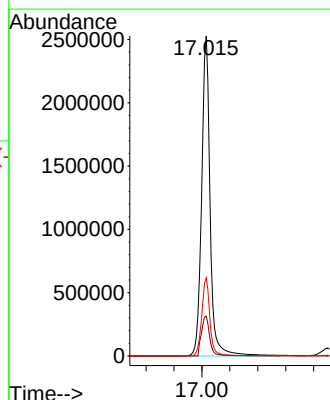
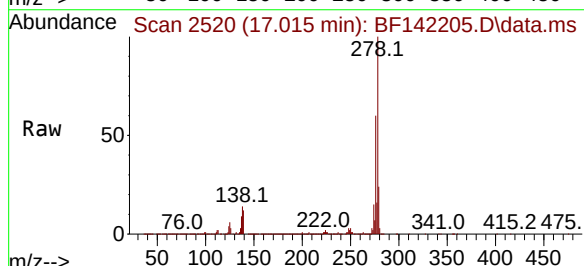
Tgt Ion:278 Resp: 5326001

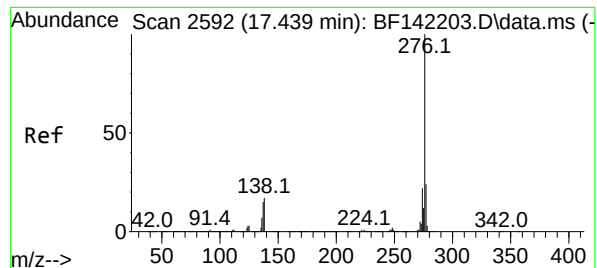
Ion Ratio Lower Upper

278 100

139 12.4 10.2 15.4

279 24.5 19.3 28.9





#92

Benzo(g,h,i)perylene

Concen: 60.896 ng

RT: 17.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142205.D

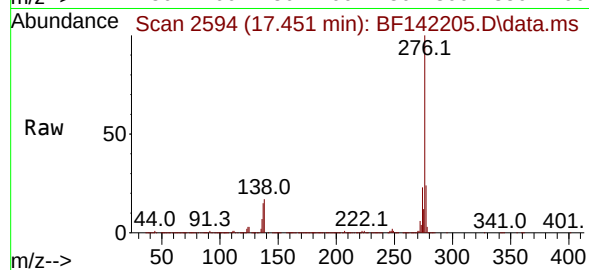
Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



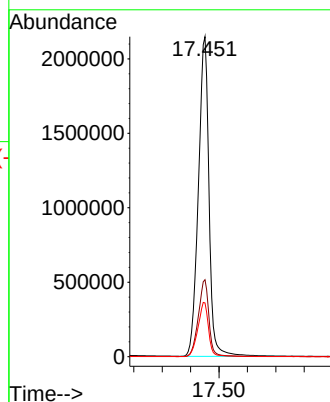
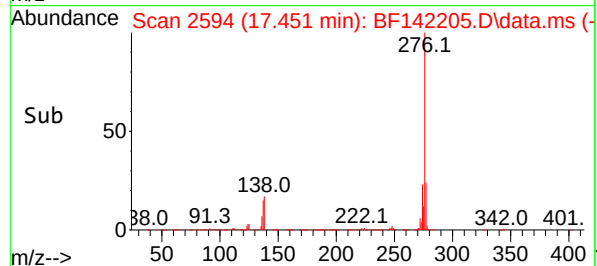
Tgt Ion:276 Resp: 5580301

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 16.8 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142206.D
 Acq On : 21 Apr 2025 14:30
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 22 02:04:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	626268	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	2192176	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1205298	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1905521	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1232558	20.000	ng	0.00
86) Perylene-d12	15.504	264	1521000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4811541	144.042	ng	0.00
7) Phenol-d6	6.504	99	5967824	142.657	ng	0.01
23) Nitrobenzene-d5	7.440	82	5201313	149.010	ng	0.01
42) 2,4,6-Tribromophenol	10.698	330	2607461	158.224	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	1010355	74.515	ng	98
3) Pyridine	3.381	79	2219551	75.418	ng	100
4) n-Nitrosodimethylamine	3.352	42	929684	77.799	ng	# 93
6) Aniline	6.534	93	2679741	69.374	ng	# 85
8) 2-Chlorophenol	6.657	128	2749885	71.918	ng	98
9) Benzaldehyde	6.422	77	1337713	58.243	ng	99
10) Phenol	6.516	94	3153759	71.475	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	2504005	75.253	ng	97
12) 1,3-Dichlorobenzene	6.810	146	3066791	70.780	ng	98
13) 1,4-Dichlorobenzene	6.887	146	3108180	69.943	ng	99
14) 1,2-Dichlorobenzene	7.040	146	2861632	69.219	ng	98
15) Benzyl Alcohol	7.010	79	2255290	73.939	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	2292644	71.084	ng	97
17) 2-Methylphenol	7.122	107	2227121	77.391	ng	99
18) Hexachloroethane	7.381	117	1106539	73.297	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	1694554	71.633	ng	97
20) 3+4-Methylphenols	7.281	107	2466965	68.928	ng	94
22) Acetophenone	7.281	105	3469345	72.100	ng	# 95
24) Nitrobenzene	7.457	77	2609835	75.470	ng	97
25) Isophorone	7.692	82	4527162	77.265	ng	99
26) 2-Nitrophenol	7.769	139	1568490	86.288	ng	99
27) 2,4-Dimethylphenol	7.804	122	1883854	79.706	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	2883449	74.982	ng	99
29) 2,4-Dichlorophenol	8.010	162	2494071	77.588	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	2786092	74.116	ng	99
31) Naphthalene	8.175	128	6585676	63.596	ng	# 93
32) Benzoic acid	7.957	122	1869957	80.210	ng	99
33) 4-Chloroaniline	8.228	127	2879228	76.787	ng	99
34) Hexachlorobutadiene	8.287	225	1883512	75.925	ng	99
35) Caprolactam	8.610	113	693788	80.907	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	2510357	77.580	ng	98
37) 2-Methylnaphthalene	8.863	142	4881347	68.205	ng	99
38) 1-Methylnaphthalene	8.963	142	4766389	68.785	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	2944962	74.675	ng	99
41) Hexachlorocyclopentadiene	9.010	237	1116208	92.301	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	1872804	81.340	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142206.D
 Acq On : 21 Apr 2025 14:30
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

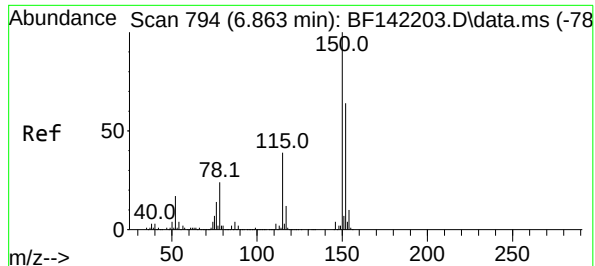
Quant Time: Apr 22 02:04:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	2032523	82.357	ng	99
46) 1,1'-Biphenyl	9.328	154	5733908	66.342	ng	93
47) 2-Chloronaphthalene	9.351	162	4689307	69.899	ng	94
48) 2-Nitroaniline	9.451	65	1246853	79.289	ng	98
49) Acenaphthylene	9.769	152	6311627	66.561	ng	93
50) Dimethylphthalate	9.633	163	5671409	73.388	ng	98
51) 2,6-Dinitrotoluene	9.692	165	1349897	77.803	ng	99
52) Acenaphthene	9.939	154	4925202	72.077	ng	97
53) 3-Nitroaniline	9.863	138	1320524	79.432	ng	97
54) 2,4-Dinitrophenol	9.969	184	768668	90.455	ng	97
55) Dibenzofuran	10.110	168	6183046	64.543	ng	91
56) 4-Nitrophenol	10.022	139	988778	81.309	ng	97
57) 2,4-Dinitrotoluene	10.098	165	1712013	76.397	ng	98
58) Fluorene	10.457	166	4986748	67.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	1777715	80.571	ng	98
60) Diethylphthalate	10.328	149	4994993	69.219	ng	95
61) 4-Chlorophenyl-phenyle...	10.445	204	2930042	71.809	ng	99
62) 4-Nitroaniline	10.480	138	1184269	74.946	ng	99
63) Azobenzene	10.604	77	4294353	68.342	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	995551	89.504	ng	98
66) n-Nitrosodiphenylamine	10.569	169	4382839	75.047	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	2027719	80.915	ng	99
68) Hexachlorobenzene	11.004	284	2336851	78.360	ng	98
70) Pentachlorophenol	11.192	266	1410593	92.720	ng	99
71) Phenanthrene	11.416	178	6262872	66.185	ng	93
72) Anthracene	11.469	178	6329668	66.899	ng	92
73) Carbazole	11.622	167	5597174	67.714	ng	95
74) Di-n-butylphthalate	11.951	149	5789320	67.669	ng	96
75) Fluoranthene	12.604	202	6209391	63.129	ng	94
77) Benzidine	12.727	184	1199999	75.444	ng	99
78) Pyrene	12.833	202	6189539	63.228	ng	94
80) Butylbenzylphthalate	13.445	149	2163691	91.317	ng	98
81) Benzo(a)anthracene	14.021	228	5515775	73.885	ng	95
82) 3,3'-Dichlorobenzidine	13.986	252	1900009	85.468	ng	99
83) Chrysene	14.063	228	5299728	73.681	ng	94
84) Bis(2-ethylhexyl)phtha...	14.004	149	3064585	96.680	ng	98
85) Di-n-octyl phthalate	14.621	149	5211413	92.825	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	8464335	79.317	ng	99
88) Benzo(b)fluoranthene	15.074	252	6876106	80.580	ng	96
89) Benzo(k)fluoranthene	15.104	252	5611620	66.492	ng	96
90) Benzo(a)pyrene	15.445	252	5882159	77.024	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	6823194	78.381	ng	99
92) Benzo(g,h,i)perylene	17.457	276	7164373	79.016	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

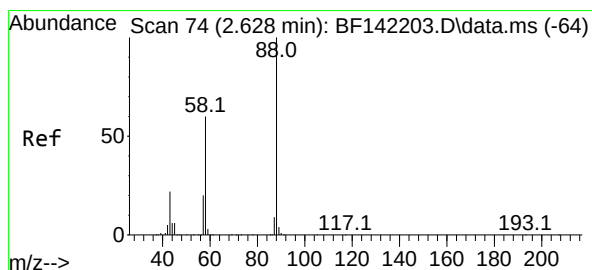
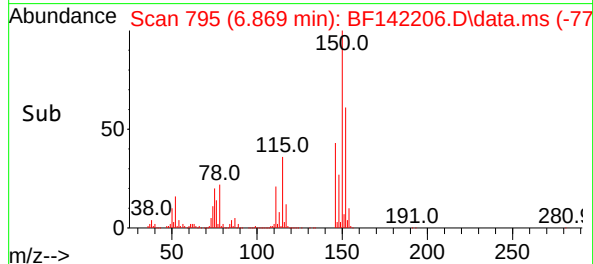
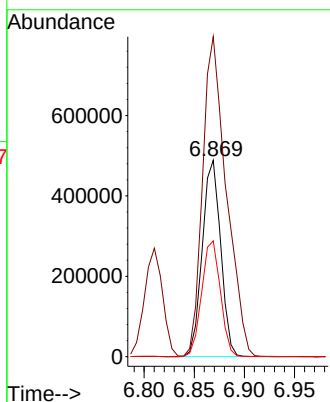
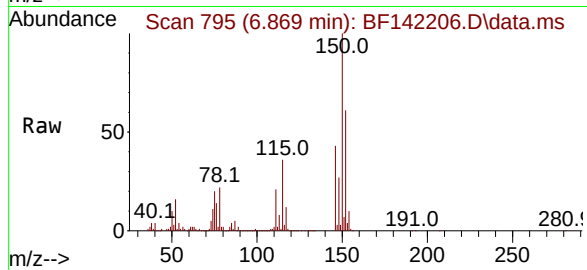
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

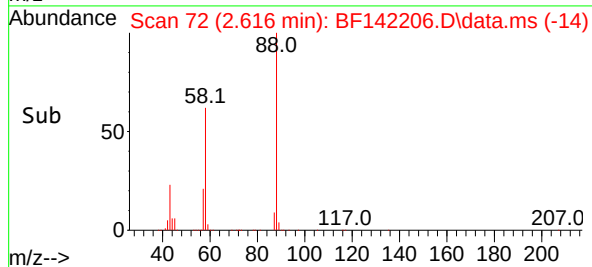
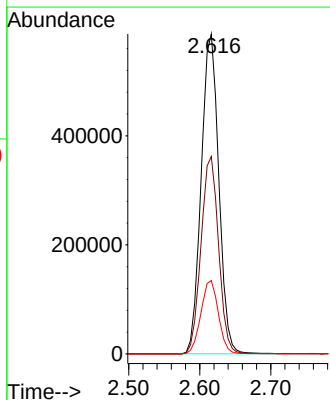
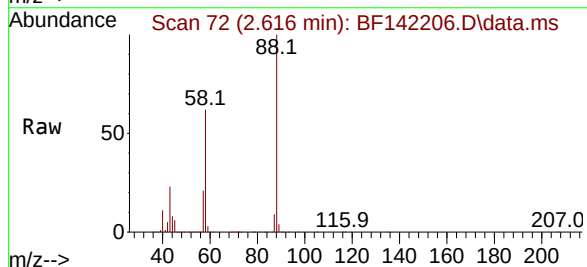
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

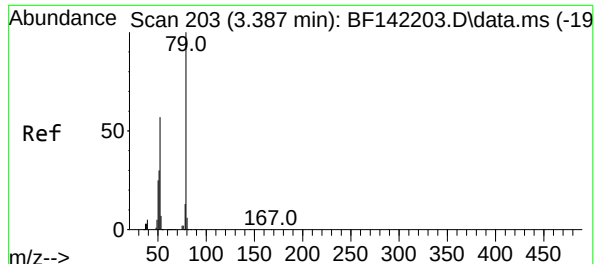
Tgt Ion:152 Resp: 626268
Ion Ratio Lower Upper
152 100
150 163.0 126.4 189.6
115 59.0 49.4 74.2



#2
1,4-Dioxane
Concen: 74.515 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 88 Resp: 1010355
Ion Ratio Lower Upper
88 100
58 61.8 47.8 71.6
43 22.8 17.8 26.8

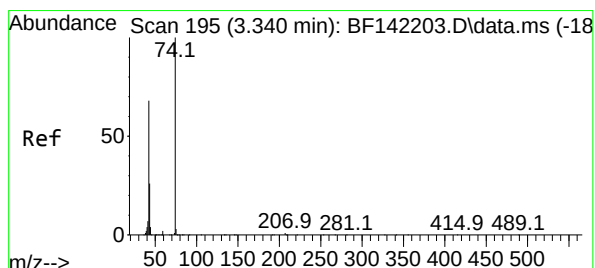
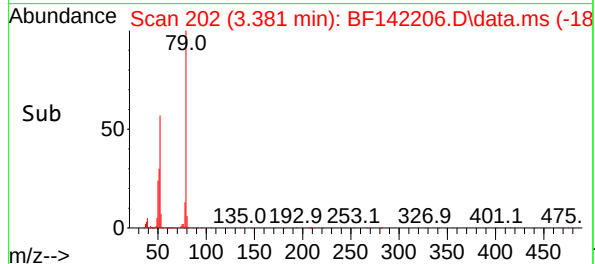
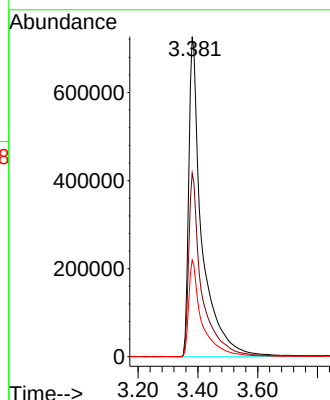
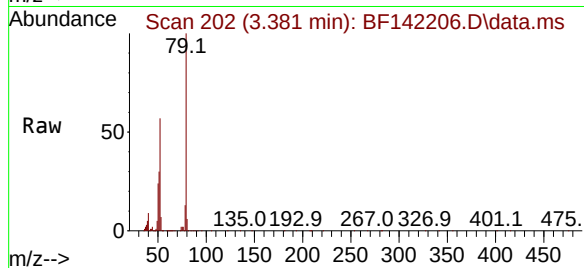




#3
Pyridine
Concen: 75.418 ng
RT: 3.381 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

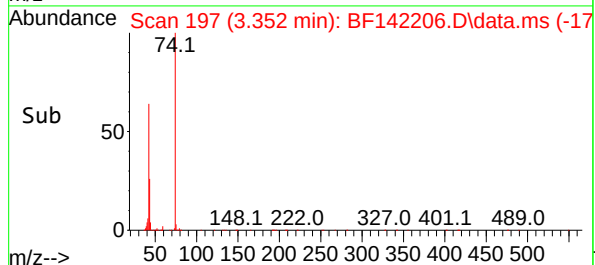
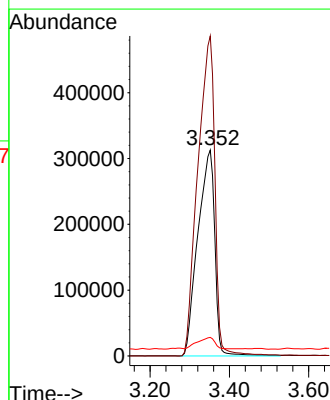
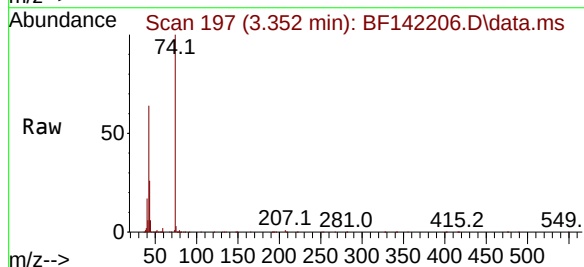
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

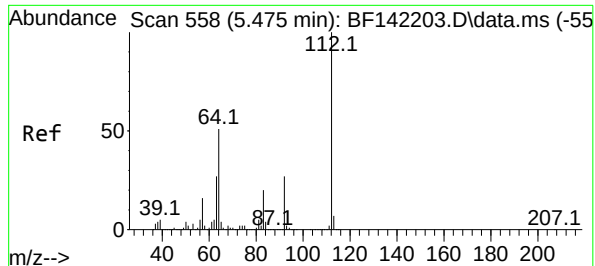
Tgt Ion: 79 Resp: 2219551
Ion Ratio Lower Upper
79 100
52 57.4 45.8 68.8
51 30.2 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 77.799 ng
RT: 3.352 min Scan# 197
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 42 Resp: 929684
Ion Ratio Lower Upper
42 100
74 155.4 117.4 176.0
44 9.0 9.5 14.3

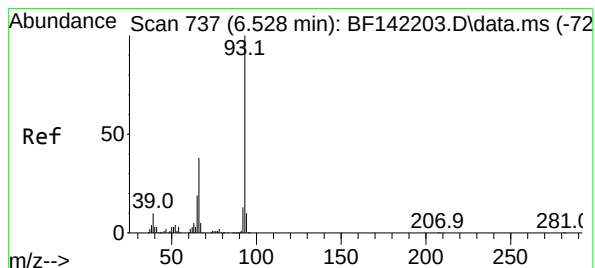
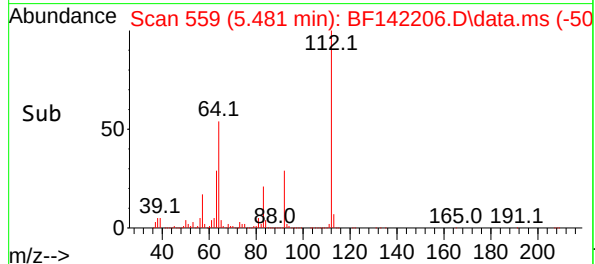
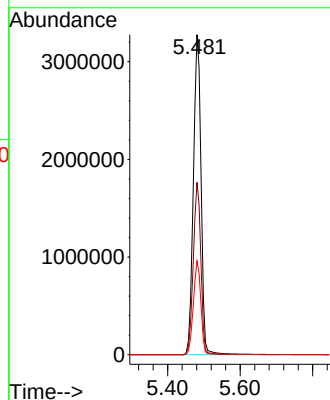
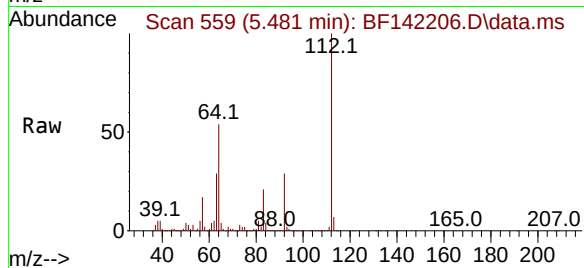




#5
2-Fluorophenol
Concen: 144.042 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

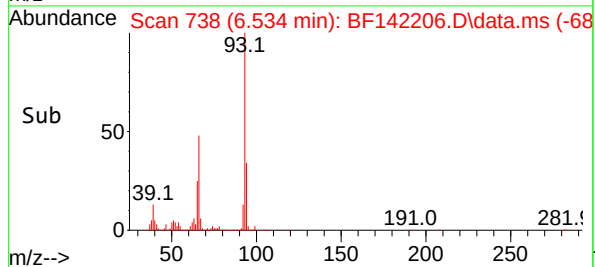
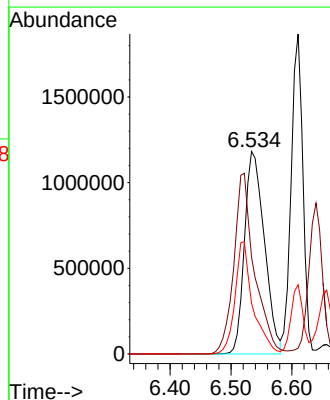
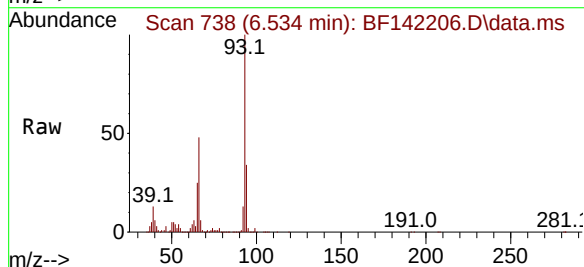
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

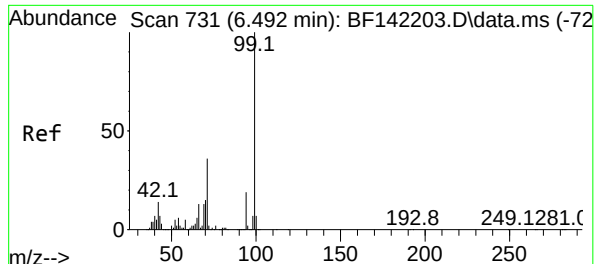
Tgt Ion:112 Resp: 4811541
Ion Ratio Lower Upper
112 100
64 53.9 40.9 61.3
63 29.3 22.0 33.0



#6
Aniline
Concen: 69.374 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 93 Resp: 2679741
Ion Ratio Lower Upper
93 100
66 47.9 30.9 46.3#
65 25.0 15.1 22.7#

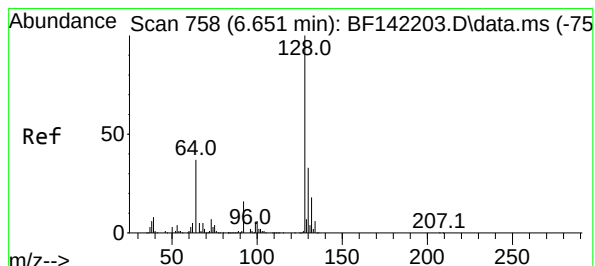
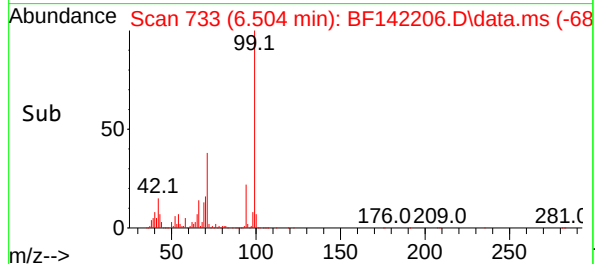
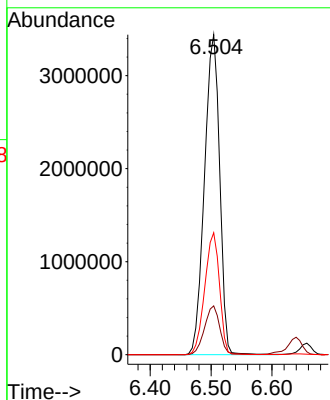
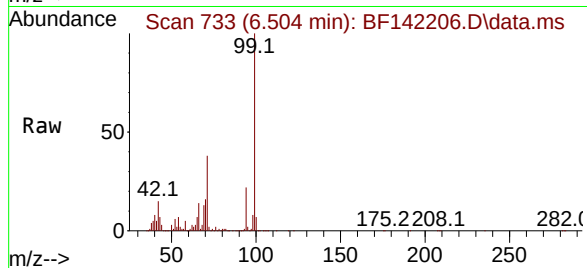




#7
Phenol-d6
Concen: 142.657 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

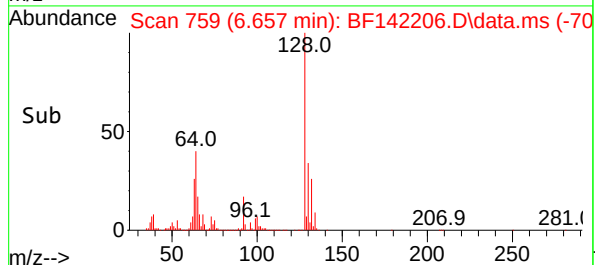
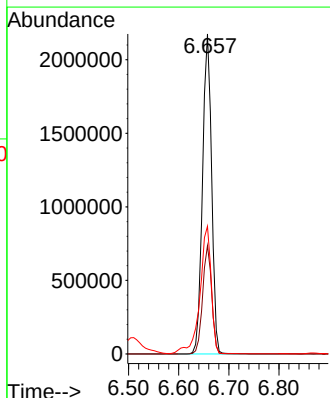
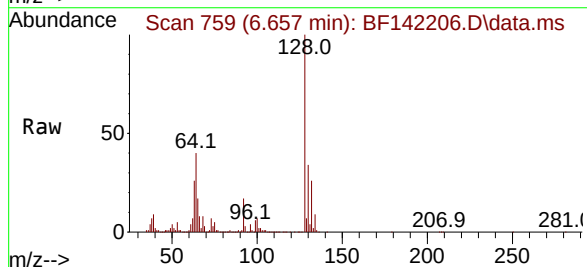
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

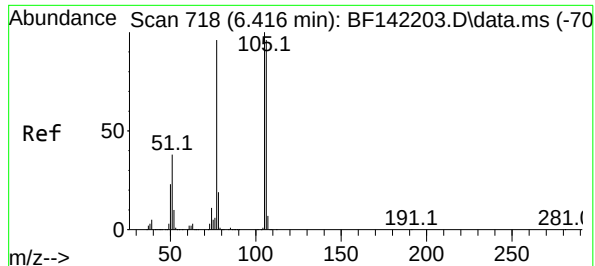
Tgt Ion: 99 Resp: 5967824
Ion Ratio Lower Upper
99 100
42 15.2 11.5 17.3
71 38.1 28.6 42.8



#8
2-Chlorophenol
Concen: 71.918 ng
RT: 6.657 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:128 Resp: 2749885
Ion Ratio Lower Upper
128 100
130 33.9 13.0 53.0
64 39.9 18.8 58.8





#9

Benzaldehyde

Concen: 58.243 ng

RT: 6.422 min Scan# 718

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

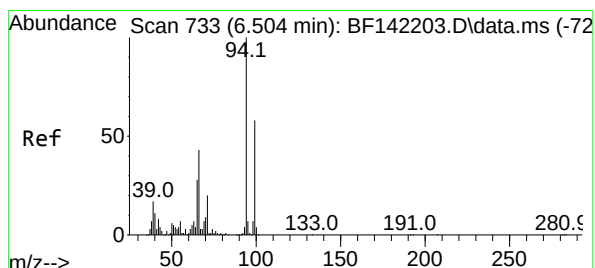
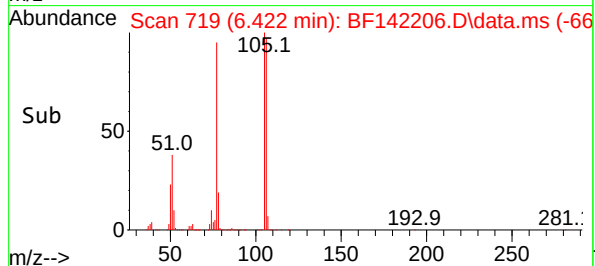
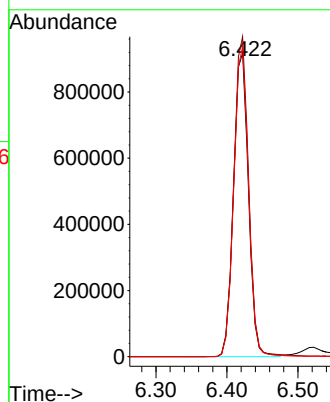
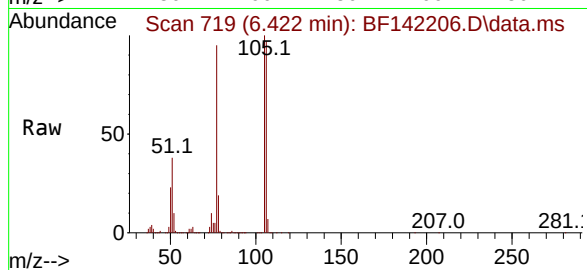
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 1337713

Ion	Ratio	Lower	Upper
77	100		
105	105.4	84.4	124.4
106	102.1	80.3	120.3



#10

Phenol

Concen: 71.475 ng

RT: 6.516 min Scan# 735

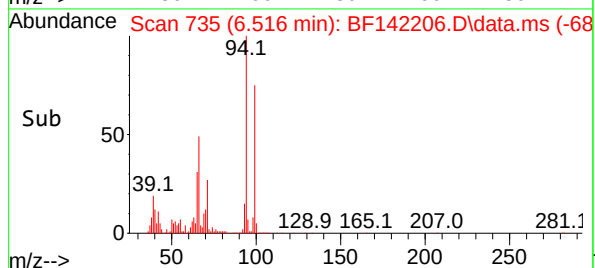
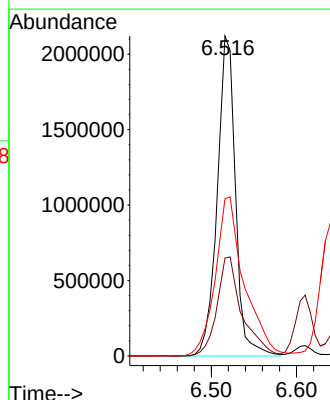
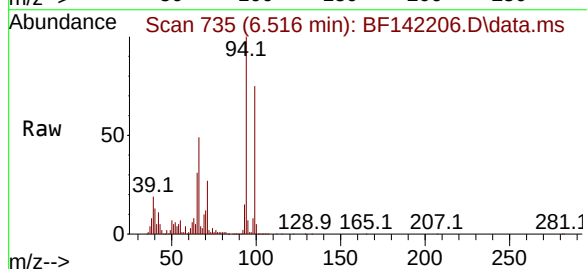
Delta R.T. 0.012 min

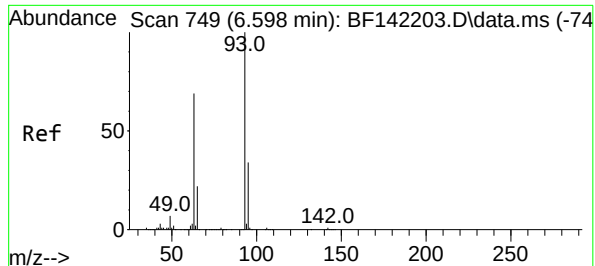
Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion: 94 Resp: 3153759

Ion	Ratio	Lower	Upper
94	100		
65	30.6	8.1	48.1
66	49.2	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 75.253 ng

RT: 6.610 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

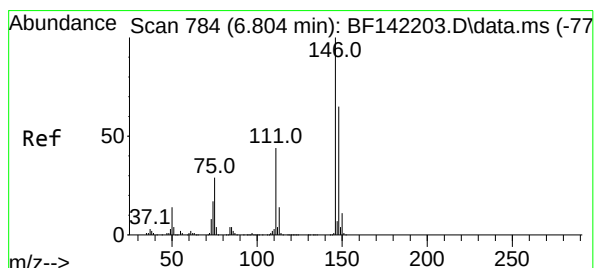
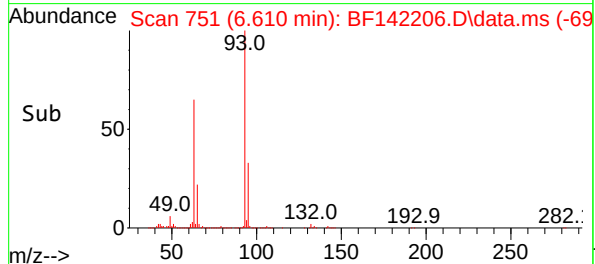
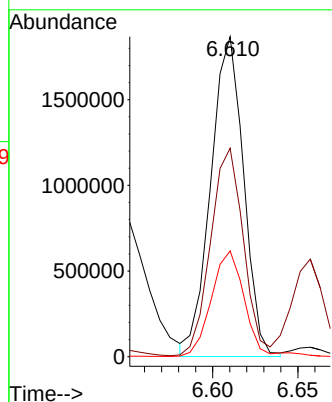
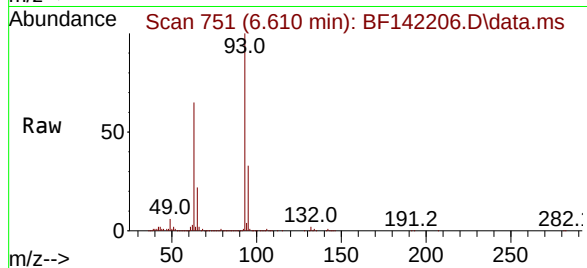
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 2504005

Ion	Ratio	Lower	Upper
93	100		
63	65.1	47.9	87.9
95	33.1	13.7	53.7



#12

1,3-Dichlorobenzene

Concen: 70.780 ng

RT: 6.810 min Scan# 785

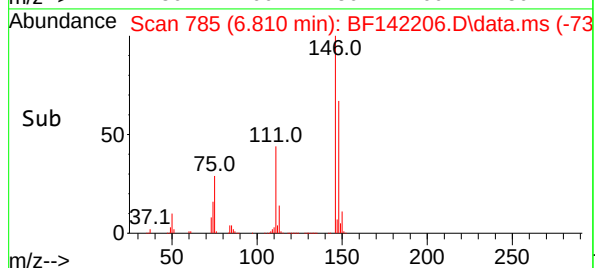
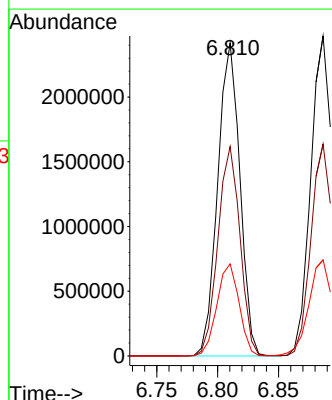
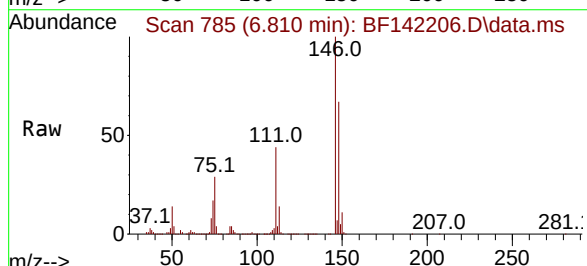
Delta R.T. 0.006 min

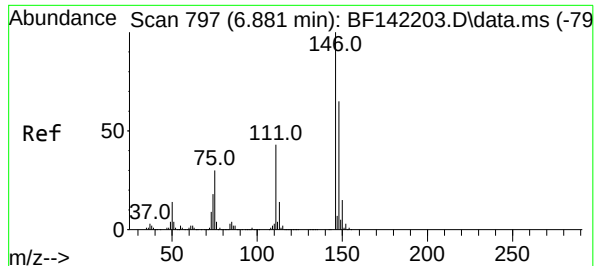
Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion: 146 Resp: 3066791

Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.7	77.5
75	29.5	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 69.943 ng

RT: 6.887 min Scan# 797

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

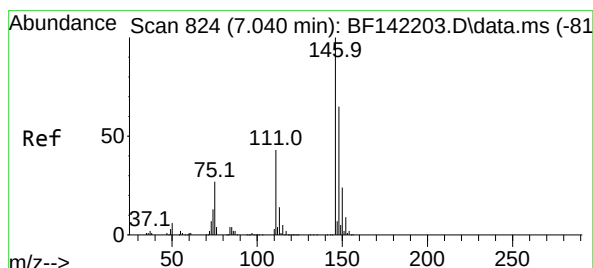
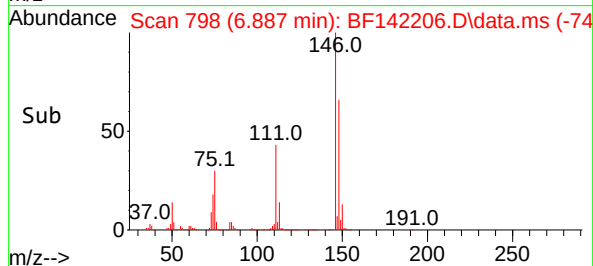
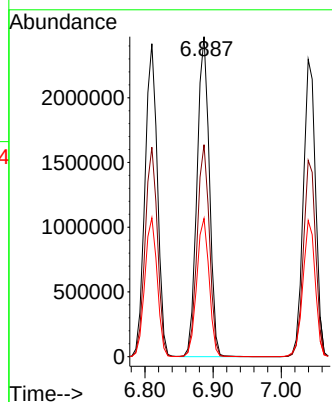
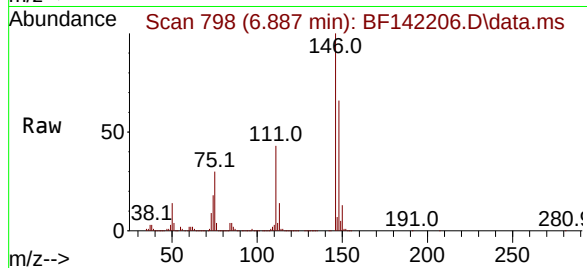
Tgt Ion:146 Resp: 3108180

Ion Ratio Lower Upper

146 100

148 66.3 52.4 78.6

111 43.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 69.219 ng

RT: 7.040 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

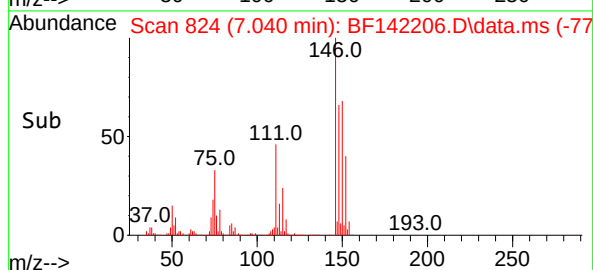
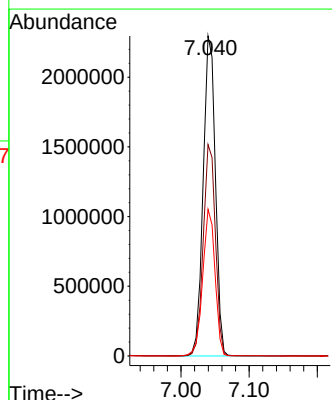
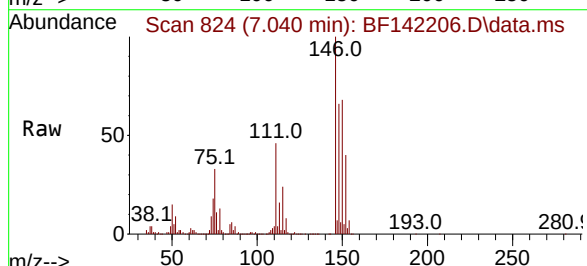
Tgt Ion:146 Resp: 2861632

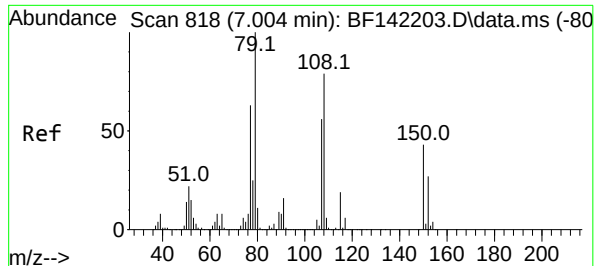
Ion Ratio Lower Upper

146 100

148 66.0 52.2 78.4

111 45.8 34.2 51.4

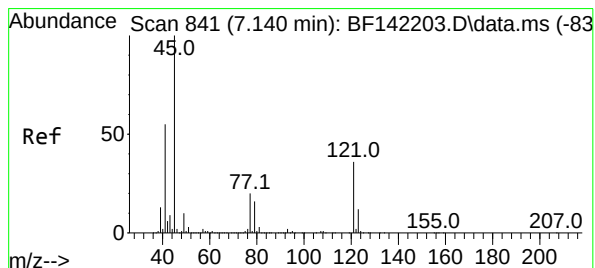
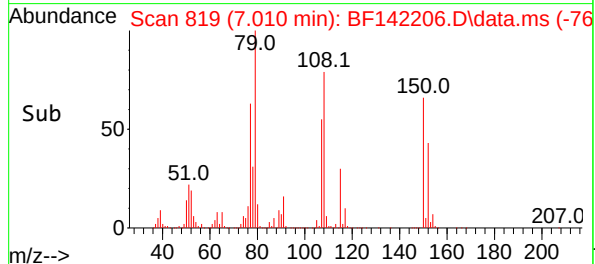
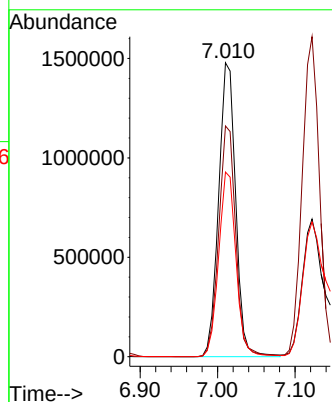
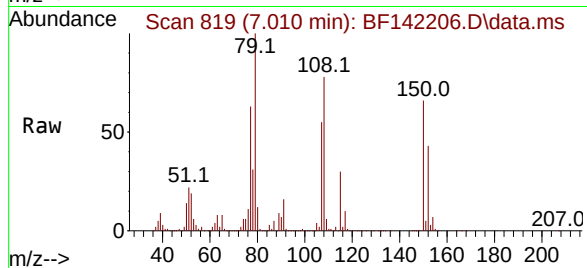




#15
Benzyl Alcohol
Concen: 73.939 ng
RT: 7.010 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

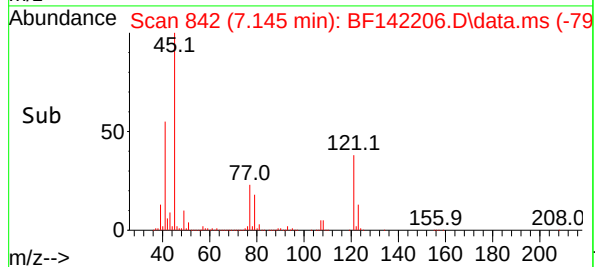
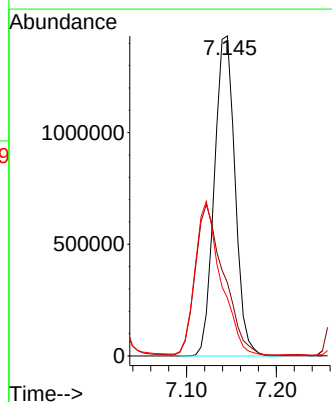
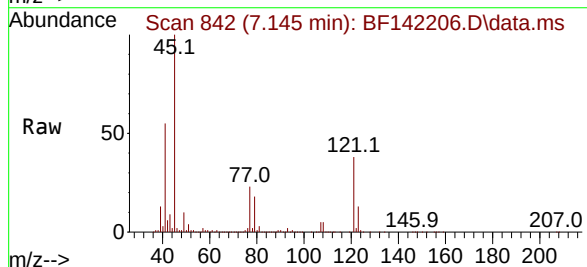
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

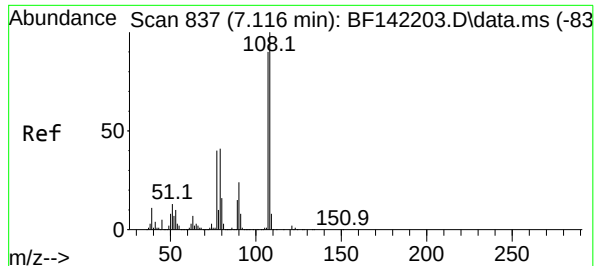
Tgt Ion: 79 Resp: 2255290
Ion Ratio Lower Upper
79 100
108 78.5 63.1 94.7
77 62.8 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 71.084 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

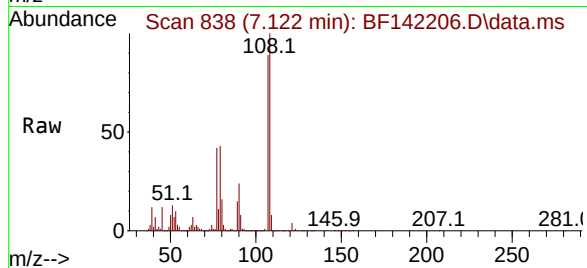
Tgt Ion: 45 Resp: 2292644
Ion Ratio Lower Upper
45 100
77 22.9 1.4 41.4
79 18.1 0.0 36.7





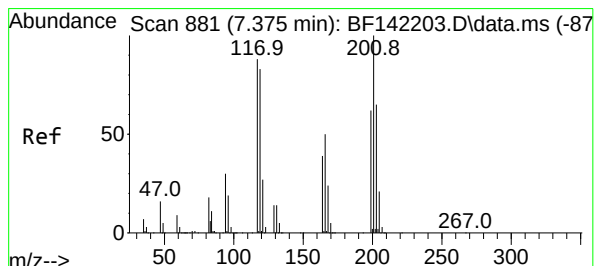
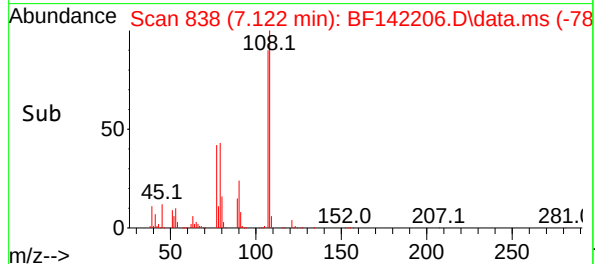
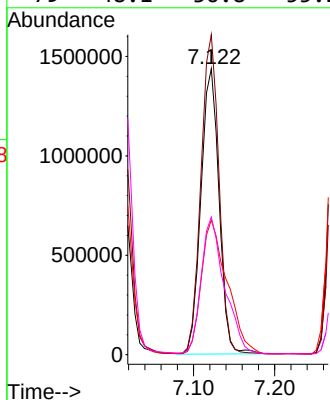
#17
2-Methylphenol
Concen: 77.391 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 2227121

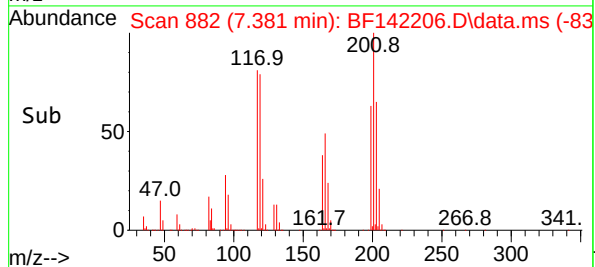
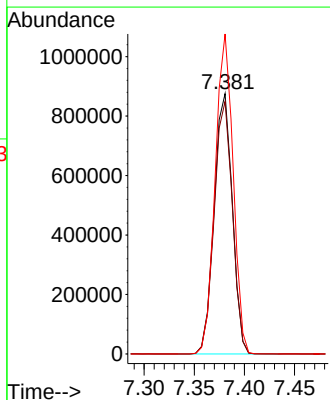
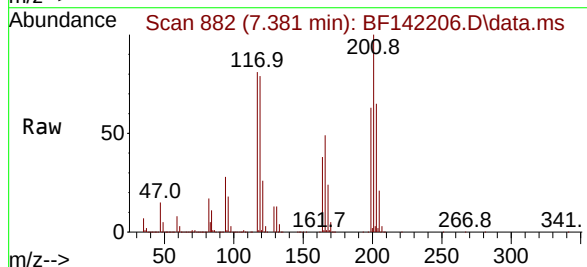
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.4	134.2
77	47.1	36.3	54.5
79	48.1	36.8	55.2

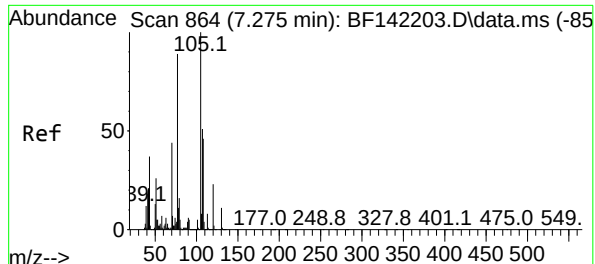


#18
Hexachloroethane
Concen: 73.297 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:117 Resp: 1106539

Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	122.9	91.4	137.0





#19

n-Nitroso-di-n-propylamine

Concen: 71.633 ng

RT: 7.292 min Scan# 8

Delta R.T. 0.018 min

Lab File: BF142206.D

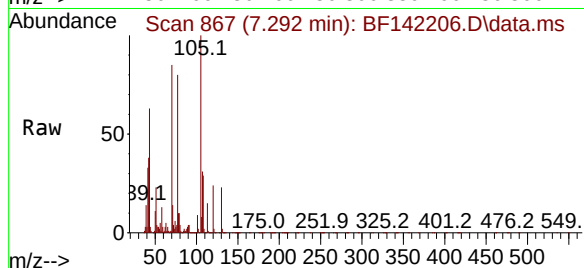
Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 1694554

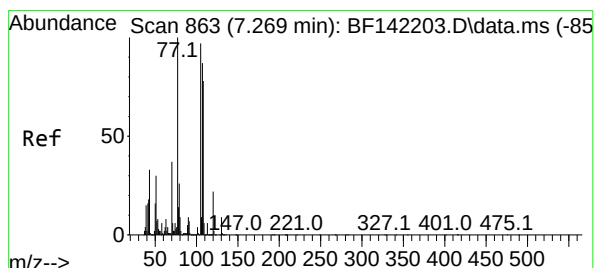
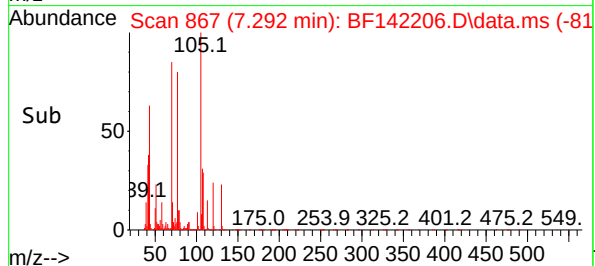
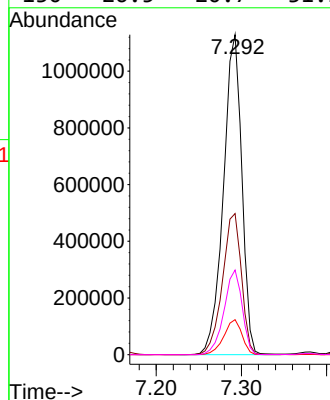
Ion Ratio Lower Upper

70 100

42 44.1 37.4 56.0

101 11.0 8.6 13.0

130 26.5 20.7 31.1



#20

3+4-Methylphenols

Concen: 68.928 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:107 Resp: 2466965

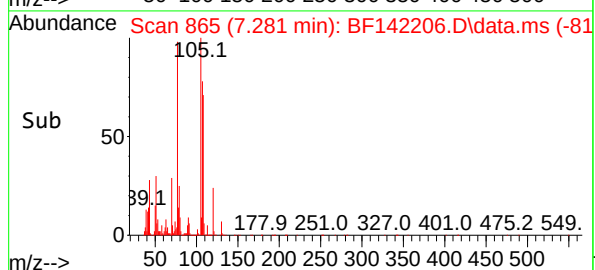
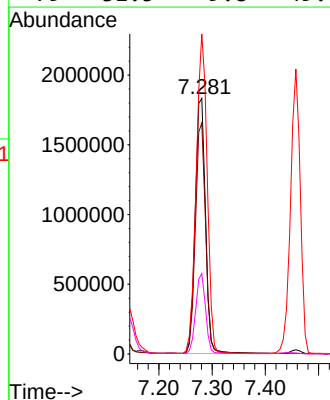
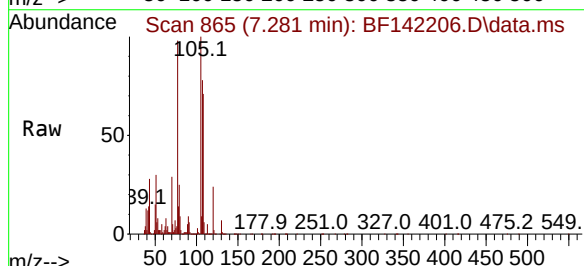
Ion Ratio Lower Upper

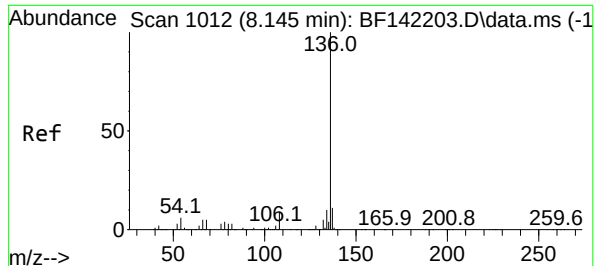
107 100

108 90.4 69.8 109.8

77 125.3 94.5 134.5

79 31.5 9.8 49.8

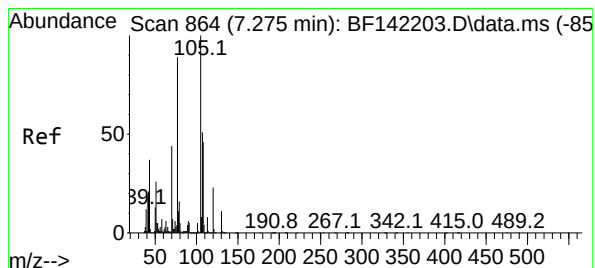
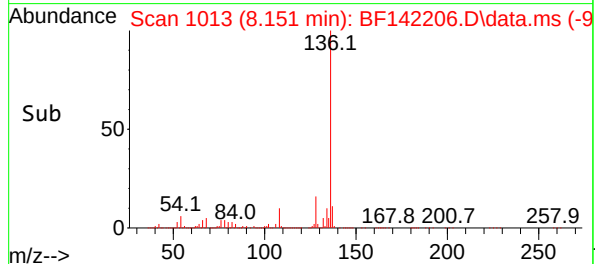
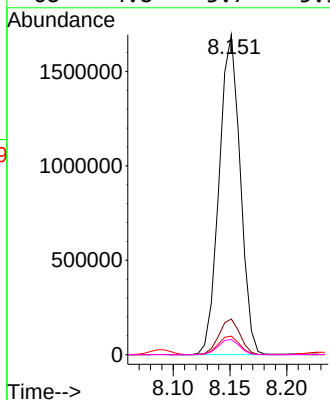
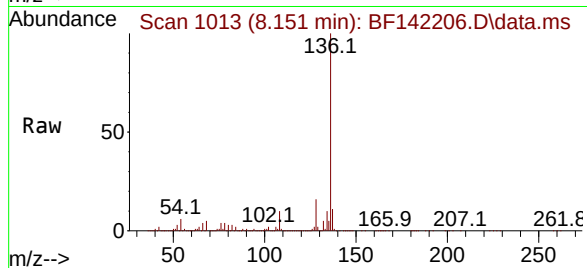




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

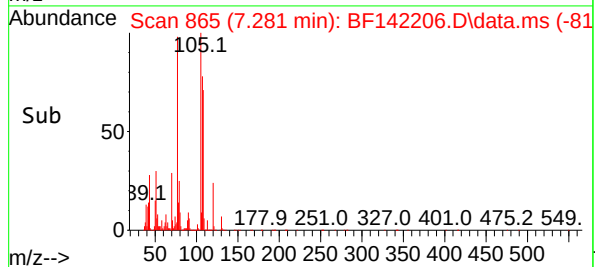
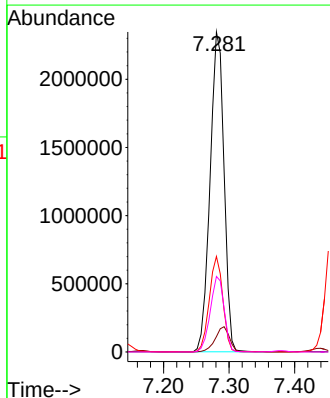
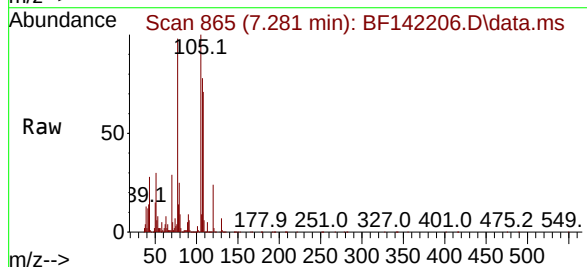
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

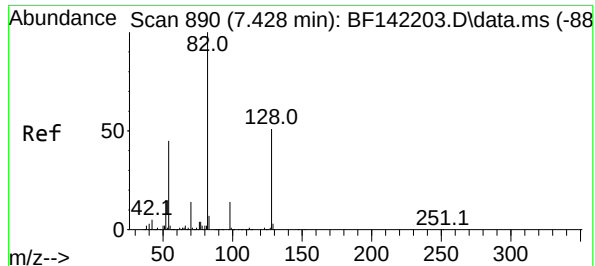
Tgt Ion:136 Resp: 2192176
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 5.8 4.7 7.1
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 72.100 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:105 Resp: 3469345
Ion Ratio Lower Upper
105 100
71 4.8 5.8 8.8#
51 29.8 20.9 31.3
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 149.010 ng

RT: 7.440 min Scan# 891

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

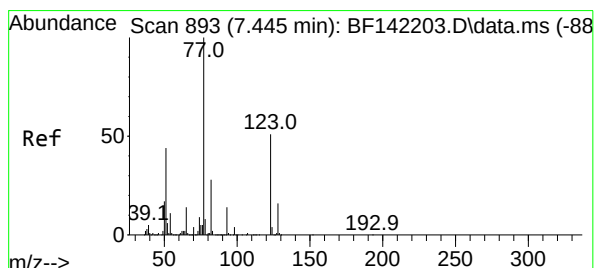
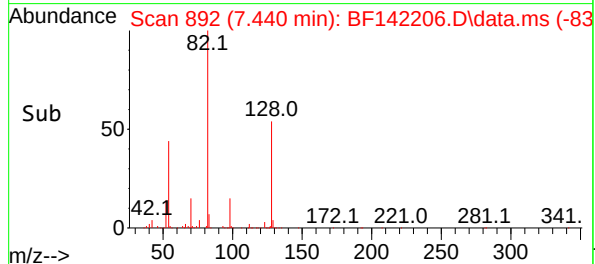
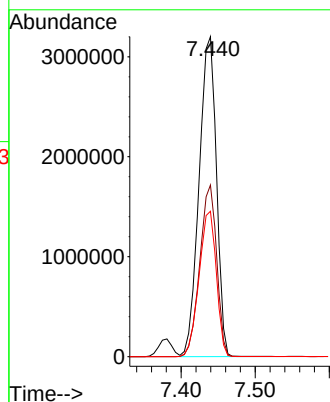
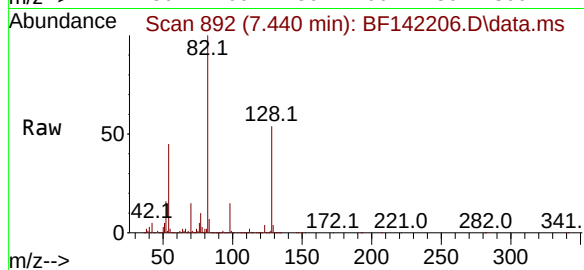
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 5201313

Ion	Ratio	Lower	Upper
82	100		
128	53.6	40.2	60.2
54	45.4	35.5	53.3



#24

Nitrobenzene

Concen: 75.470 ng

RT: 7.457 min Scan# 895

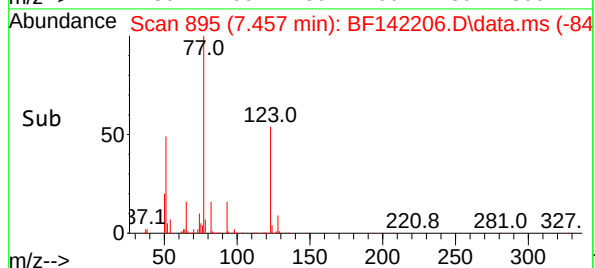
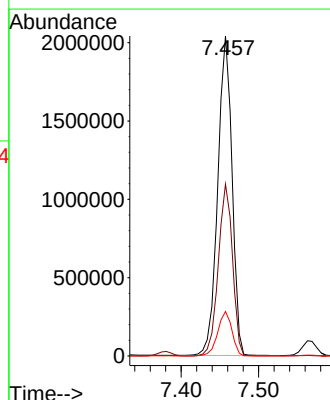
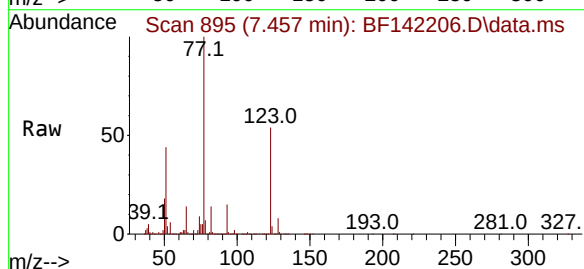
Delta R.T. 0.012 min

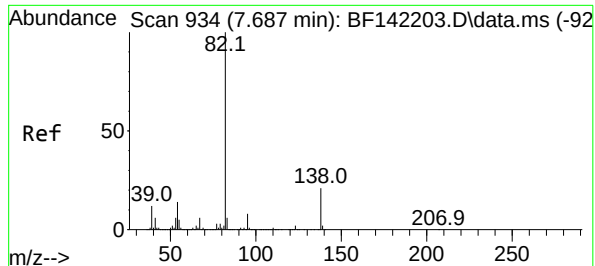
Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion: 77 Resp: 2609835

Ion	Ratio	Lower	Upper
77	100		
123	53.7	40.7	61.1
65	13.9	10.9	16.3

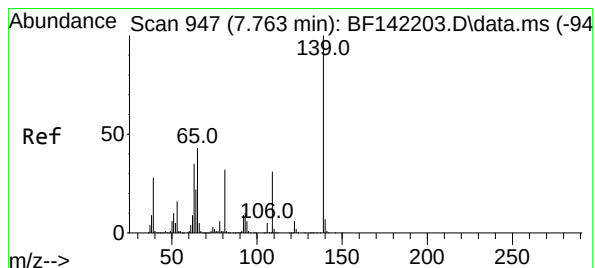
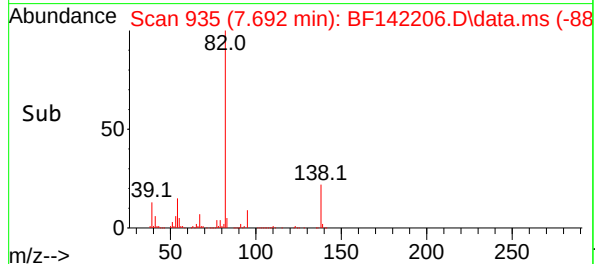
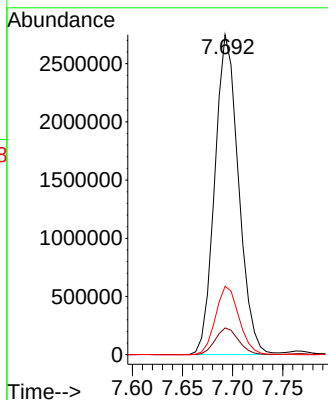
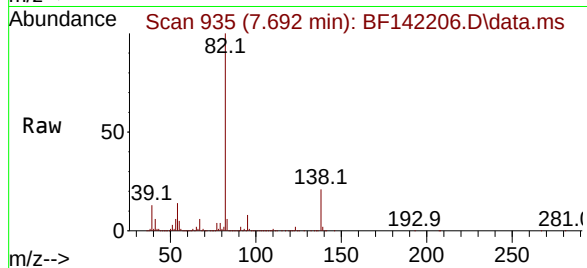




#25
Isophorone
Concen: 77.265 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

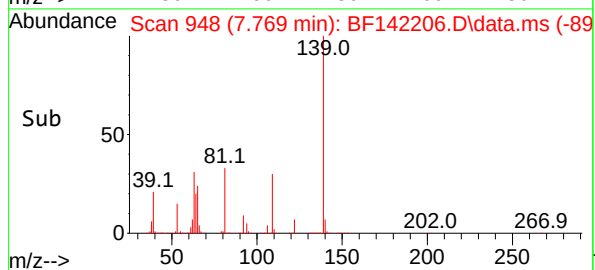
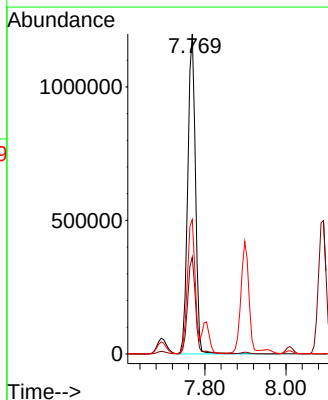
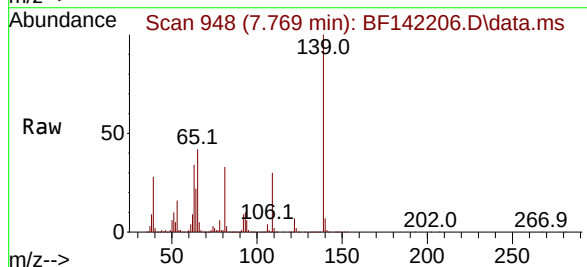
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

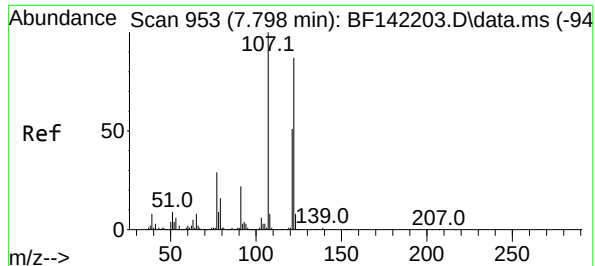
Tgt Ion: 82 Resp: 4527162
Ion Ratio Lower Upper
82 100
95 8.4 6.5 9.7
138 21.4 16.9 25.3



#26
2-Nitrophenol
Concen: 86.288 ng
RT: 7.769 min Scan# 948
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 139 Resp: 1568490
Ion Ratio Lower Upper
139 100
109 30.3 24.4 36.6
65 42.0 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 79.706 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

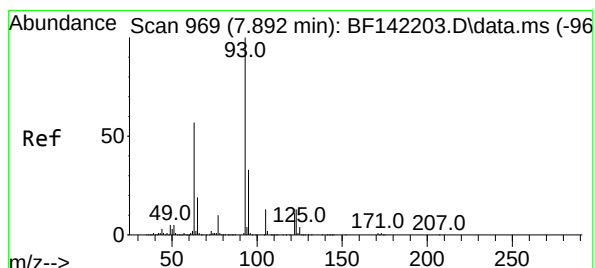
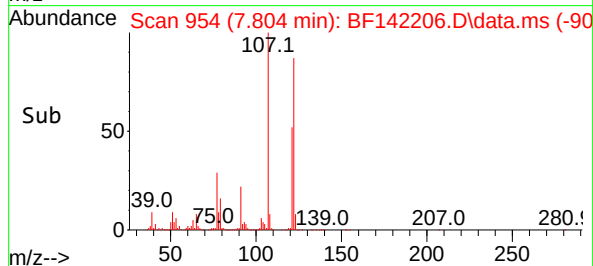
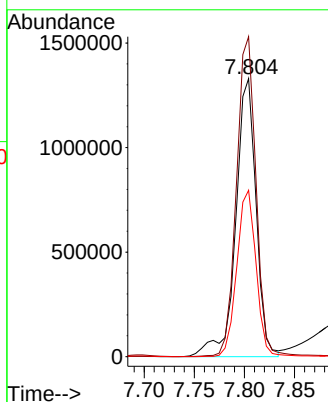
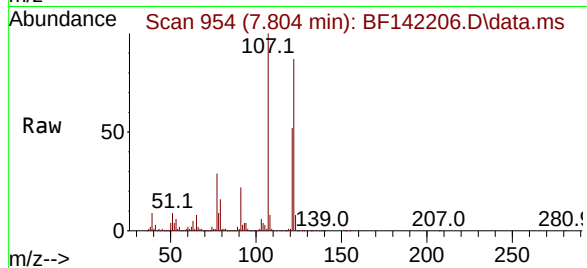
Tgt Ion:122 Resp: 1883854

Ion Ratio Lower Upper

122 100

107 115.1 91.6 137.4

121 59.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 74.982 ng

RT: 7.898 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

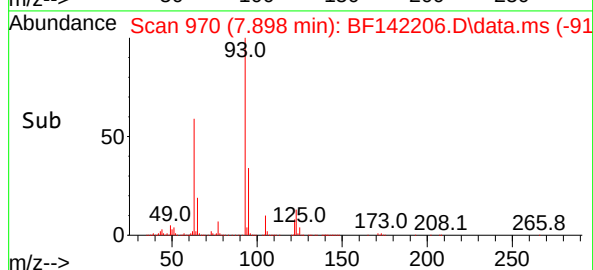
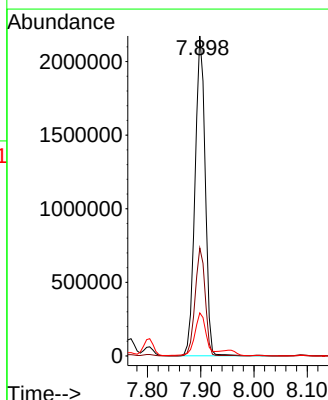
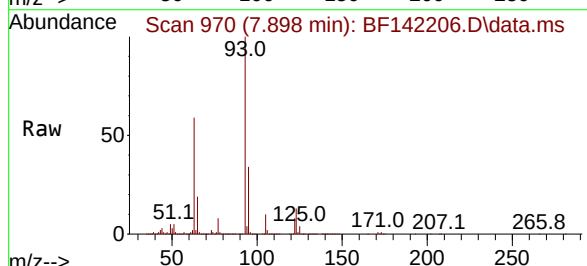
Tgt Ion: 93 Resp: 2883449

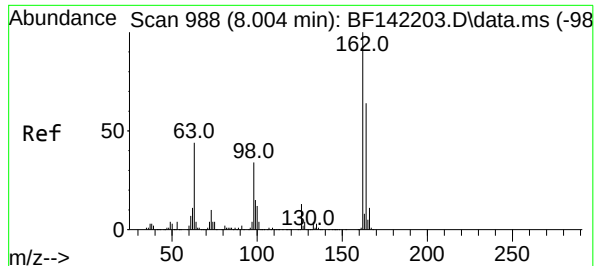
Ion Ratio Lower Upper

93 100

95 33.8 26.3 39.5

123 13.4 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 77.588 ng

RT: 8.010 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

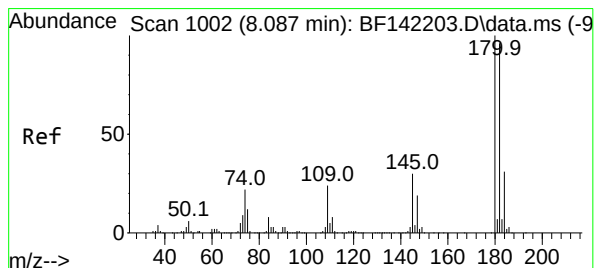
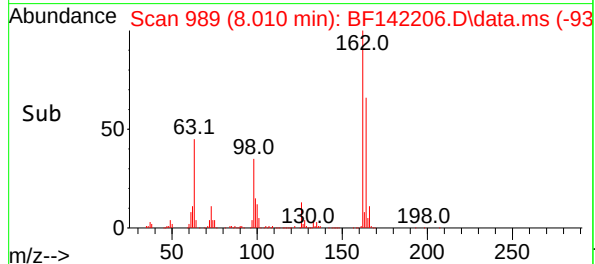
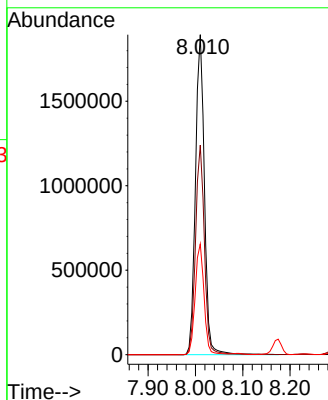
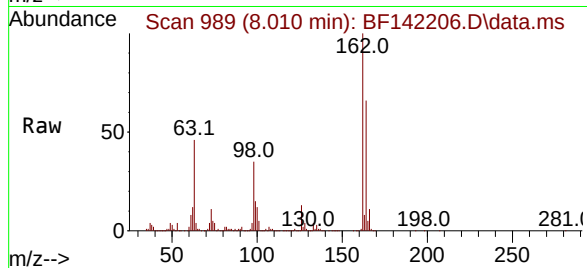
Tgt Ion:162 Resp: 2494071

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

98 34.6 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 74.116 ng

RT: 8.092 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

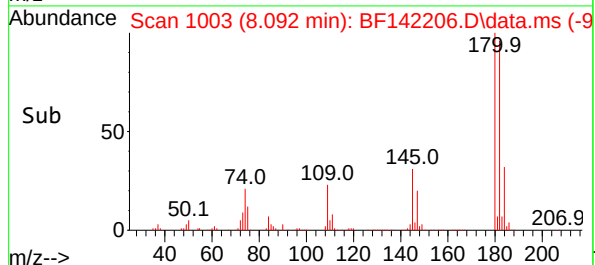
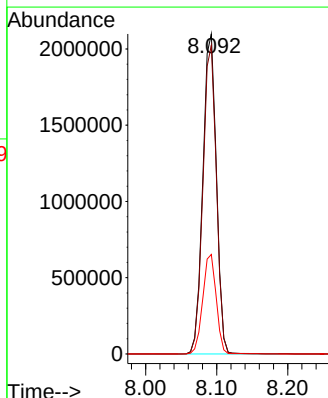
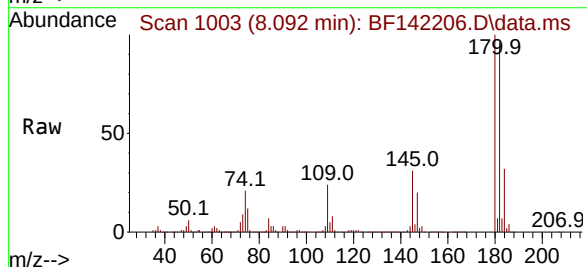
Tgt Ion:180 Resp: 2786092

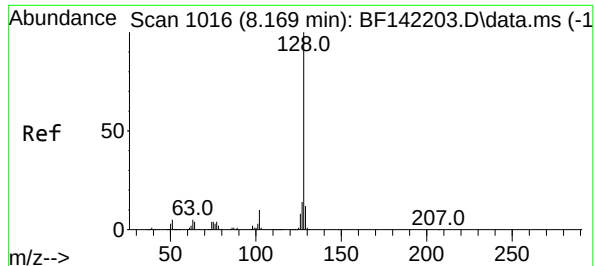
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.4

145 31.1 24.3 36.5

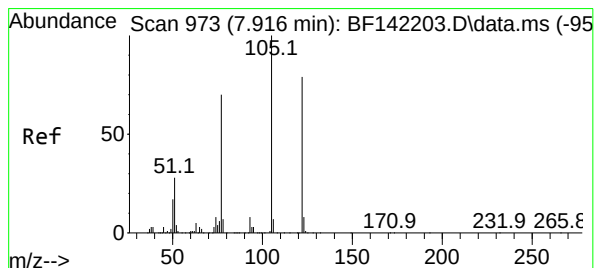
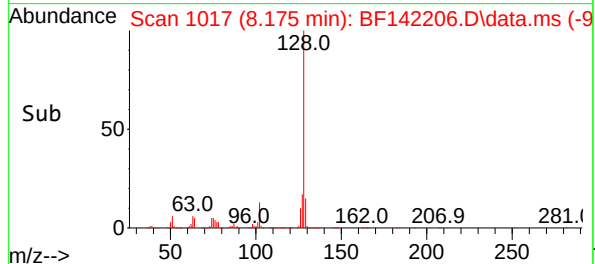
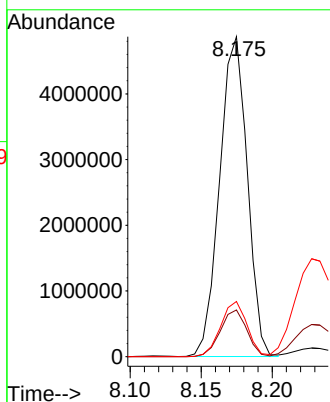
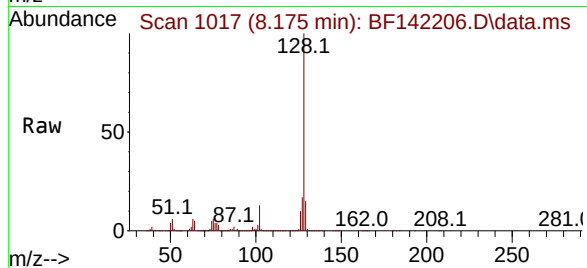




#31
Naphthalene
Concen: 63.596 ng
RT: 8.175 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

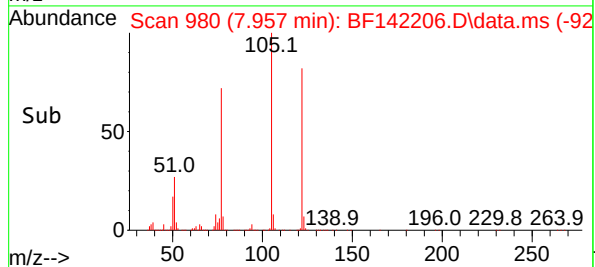
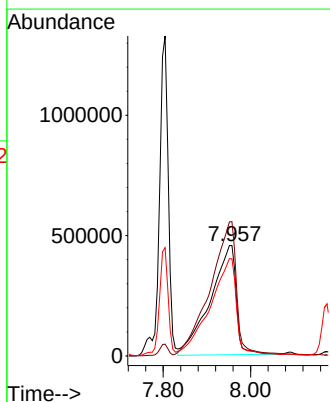
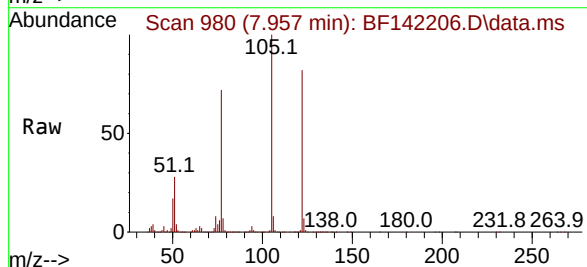
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

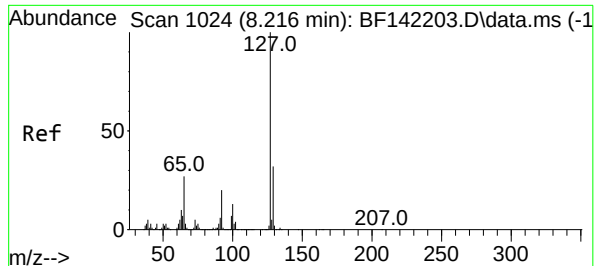
Tgt Ion:128 Resp: 6585676
Ion Ratio Lower Upper
128 100
129 14.6 9.6 14.4#
127 17.3 11.4 17.0#



#32
Benzoic acid
Concen: 80.210 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.041 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:122 Resp: 1869957
Ion Ratio Lower Upper
122 100
105 121.5 101.5 141.5
77 88.0 66.6 106.6



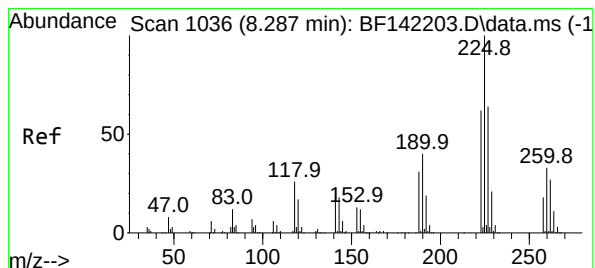
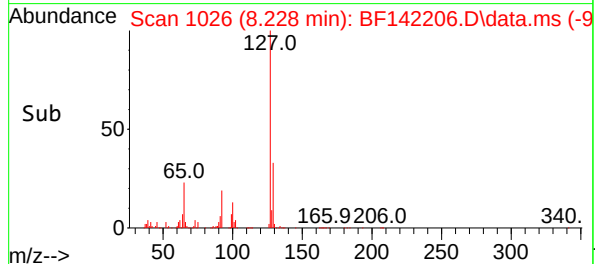
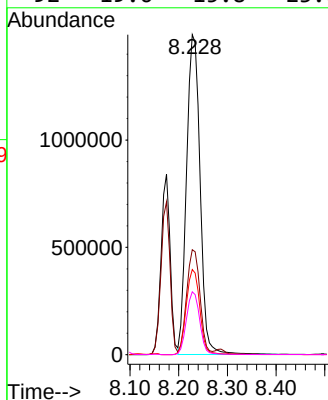
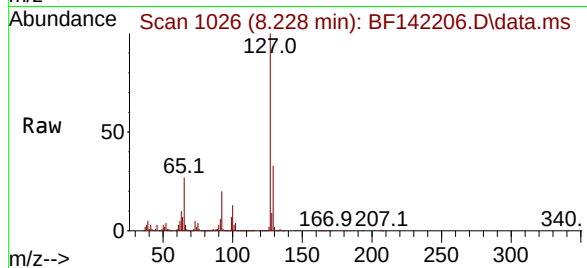


#33
4-Chloroaniline
Concen: 76.787 ng
RT: 8.228 min Scan# 1026
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 2879228

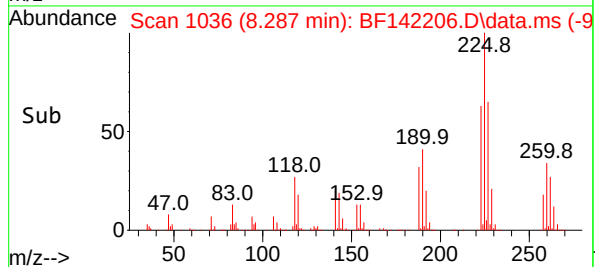
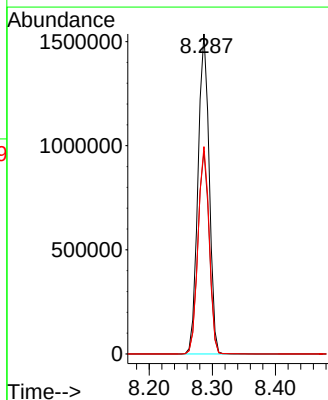
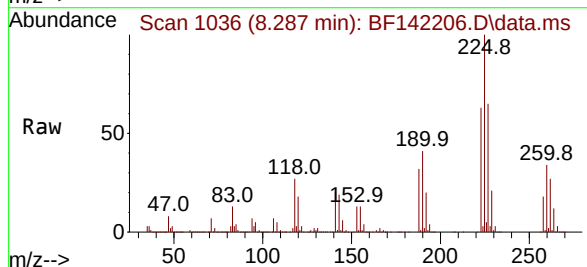
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	26.6	21.8	32.6
92	19.6	15.8	23.6

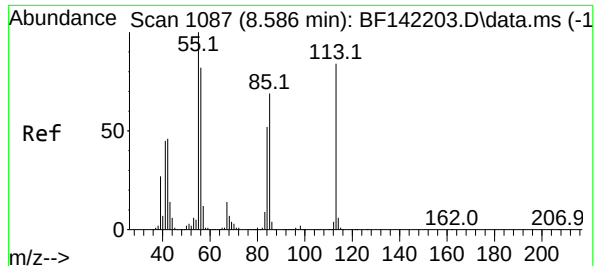


#34
Hexachlorobutadiene
Concen: 75.925 ng
RT: 8.287 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:225 Resp: 1883512

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	64.8	51.4	77.2

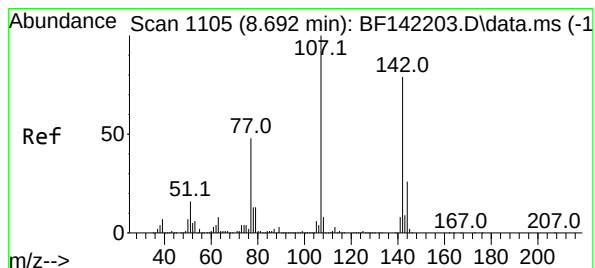
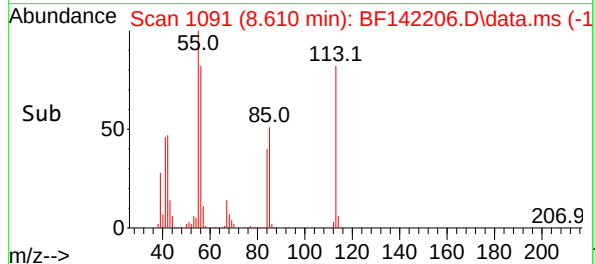
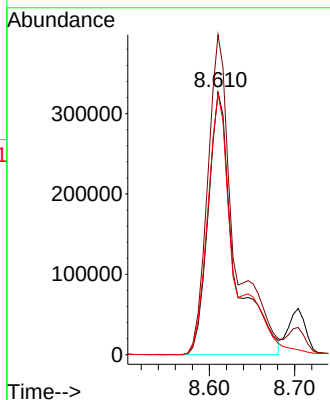
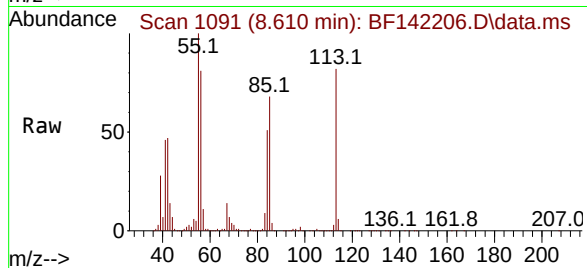




#35
Caprolactam
Concen: 80.907 ng
RT: 8.610 min Scan# 1107
Delta R.T. 0.024 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

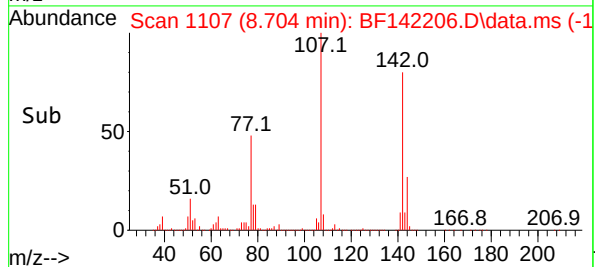
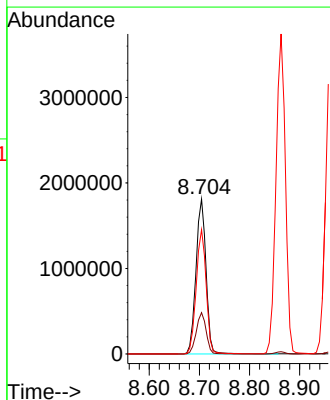
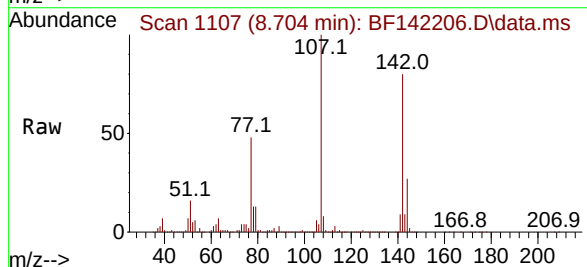
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

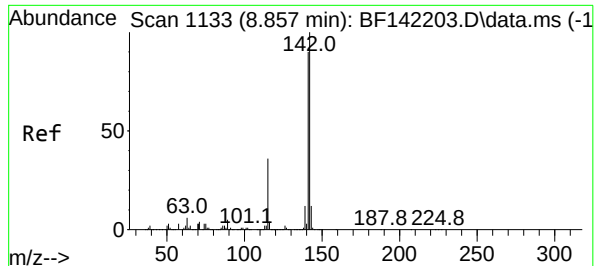
Tgt Ion:113 Resp: 693788
Ion Ratio Lower Upper
113 100
55 122.0 99.5 139.5
56 99.4 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 77.580 ng
RT: 8.704 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:107 Resp: 2510357
Ion Ratio Lower Upper
107 100
144 26.6 20.6 30.8
142 80.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 68.205 ng

RT: 8.863 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

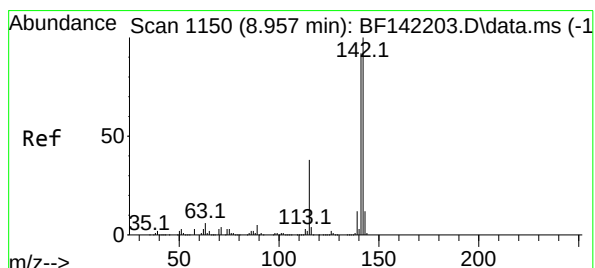
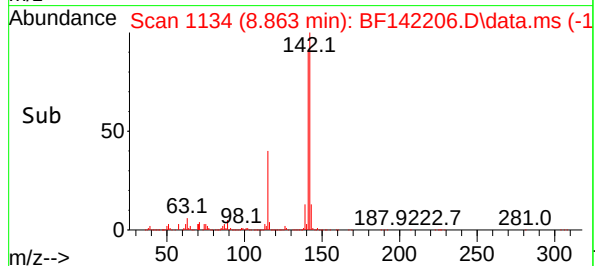
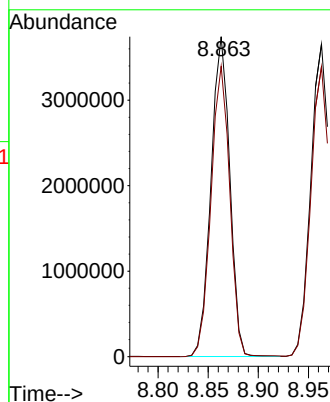
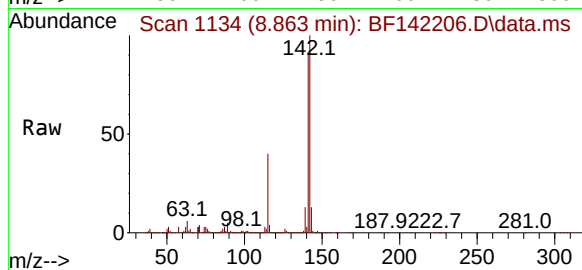
SSTDICC080

Tgt Ion:142 Resp: 4881347

Ion Ratio Lower Upper

142 100

141 90.7 71.9 107.9



#38

1-Methylnaphthalene

Concen: 68.785 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142206.D

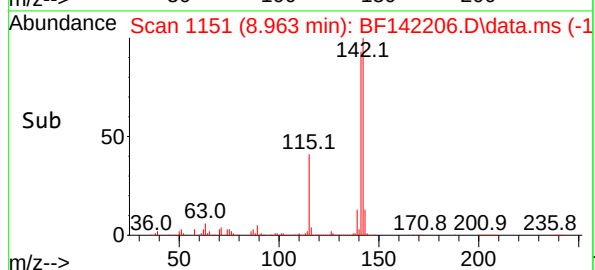
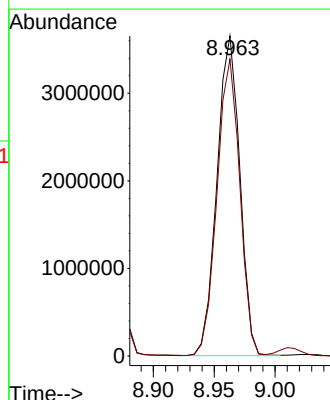
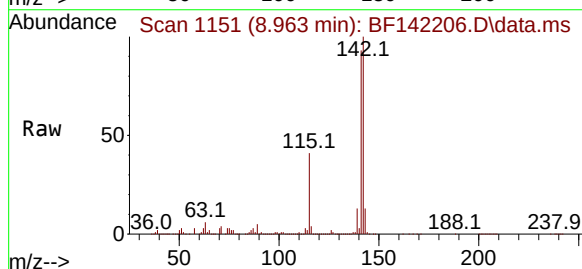
Acq: 21 Apr 2025 14:30

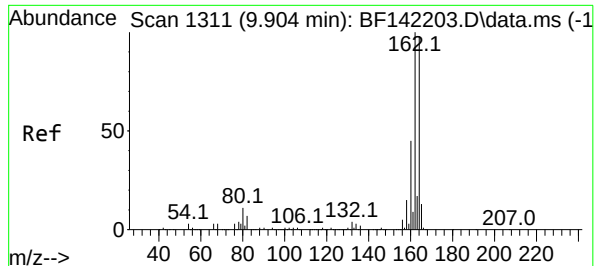
Tgt Ion:142 Resp: 4766389

Ion Ratio Lower Upper

142 100

141 92.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

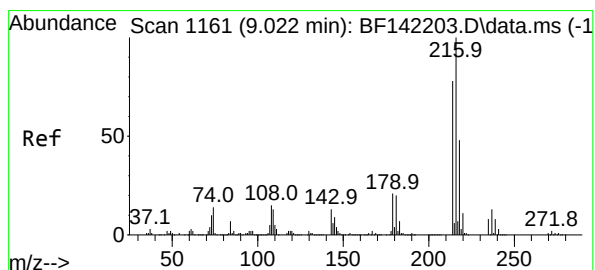
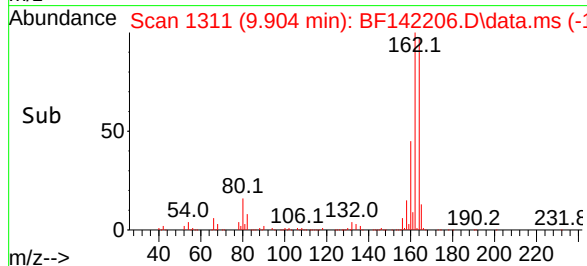
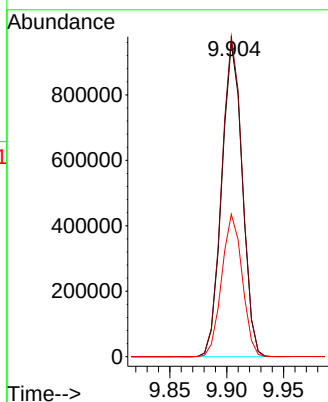
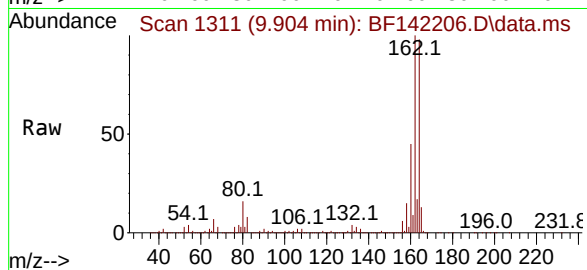
Tgt Ion:164 Resp: 1205298

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

160 45.3 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.675 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:216 Resp: 2944962

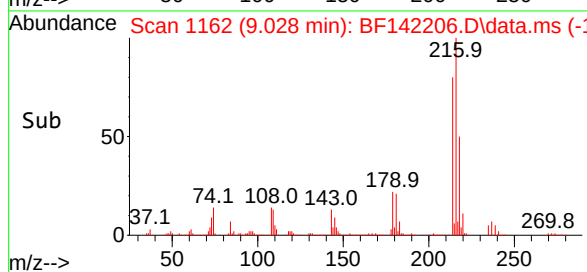
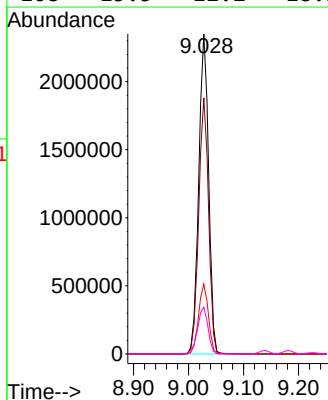
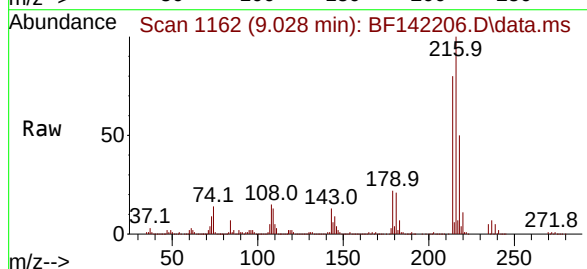
Ion Ratio Lower Upper

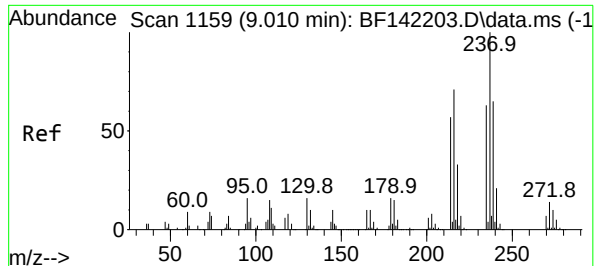
216 100

214 79.8 62.7 94.1

179 21.7 16.7 25.1

108 15.5 12.2 18.2

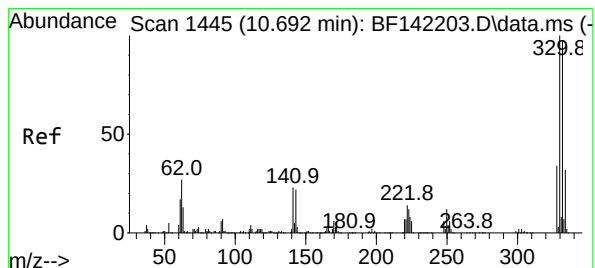
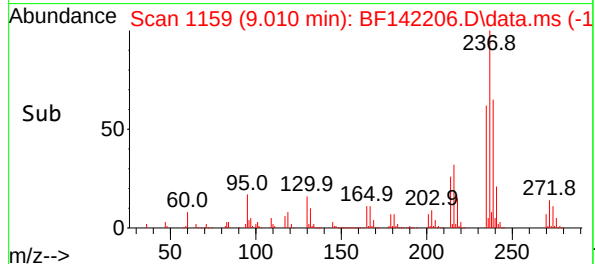
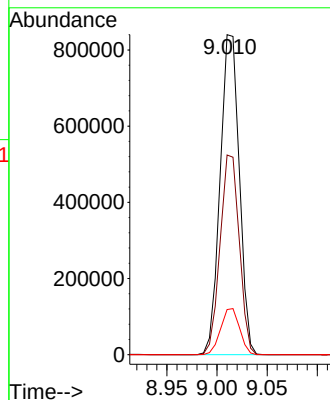
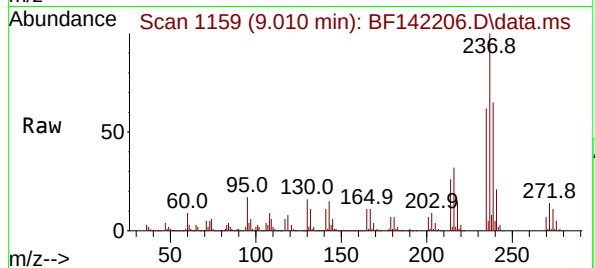




#41
Hexachlorocyclopentadiene
Concen: 92.301 ng
RT: 9.010 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

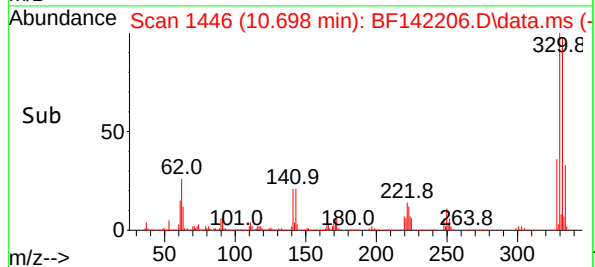
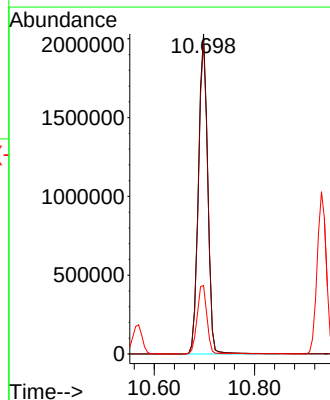
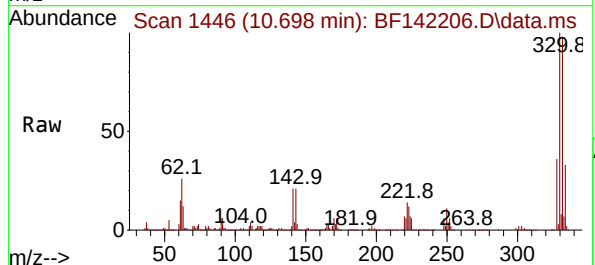
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

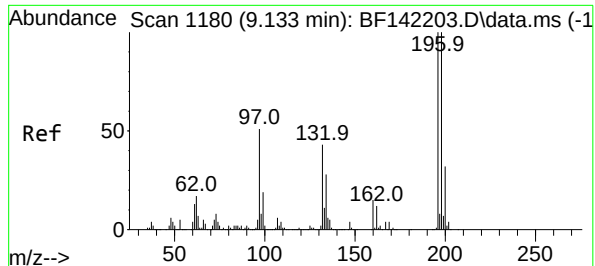
Tgt Ion:237 Resp: 1116208
Ion Ratio Lower Upper
237 100
235 62.4 42.6 82.6
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 158.224 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:330 Resp: 2607461
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 22.4 18.9 28.3

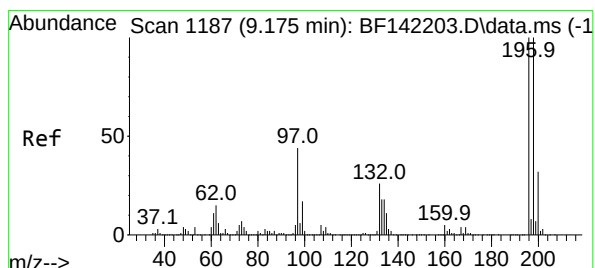
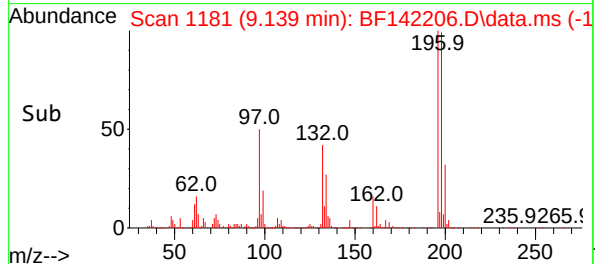
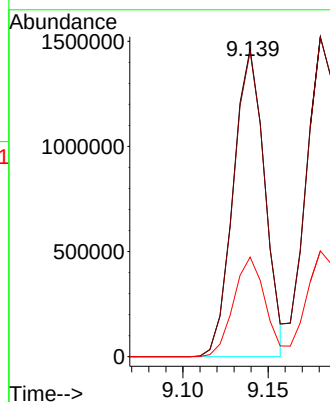
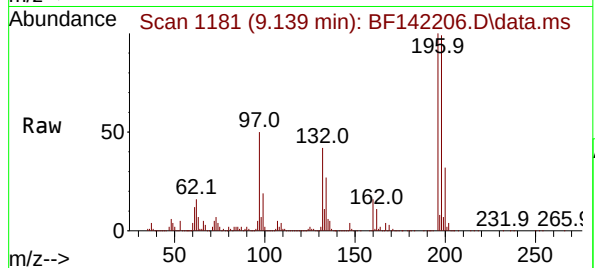




#43
2,4,6-Trichlorophenol
Concen: 81.340 ng
RT: 9.139 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

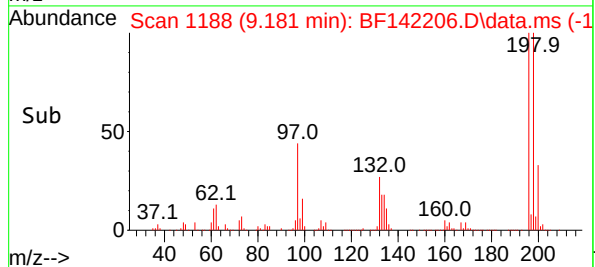
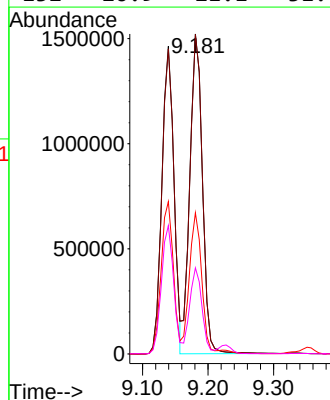
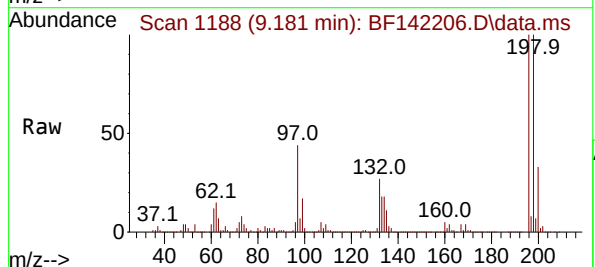
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

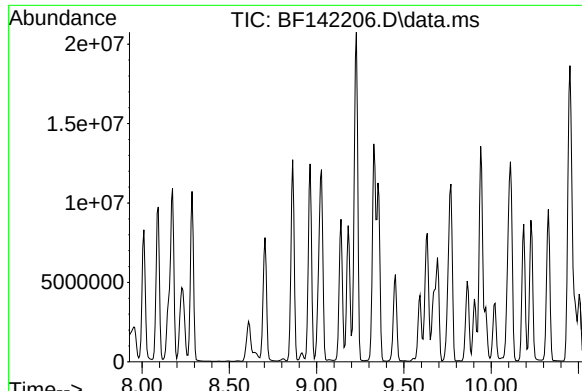
Tgt Ion:196 Resp: 1872804
Ion Ratio Lower Upper
196 100
198 99.2 80.0 120.0
200 32.4 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 82.357 ng
RT: 9.181 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:196 Resp: 2032523
Ion Ratio Lower Upper
196 100
198 99.8 80.0 120.0
97 44.1 35.9 53.9
132 26.9 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.22 min

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

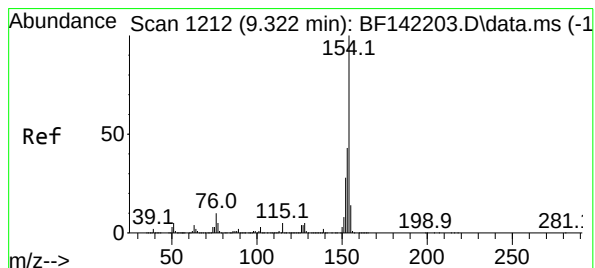
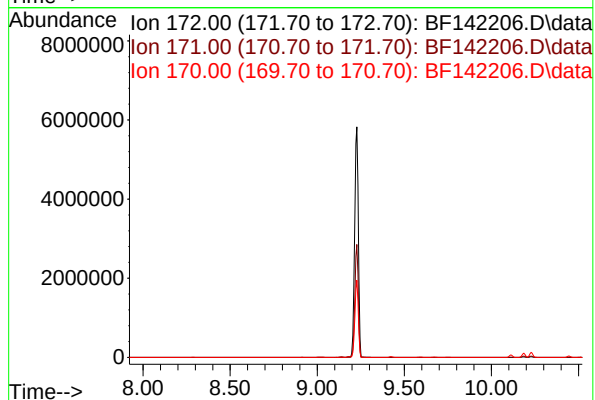
Tgt Ion: 172

Sig Exp Ratio

172 100

171 40.1

170 26.7



#46

1,1'-Biphenyl

Concen: 66.342 ng

RT: 9.328 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

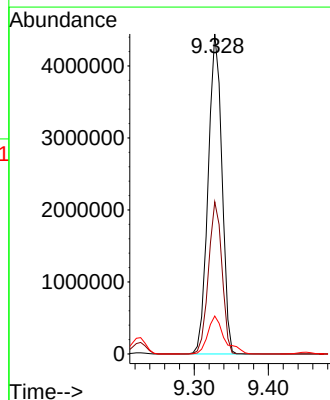
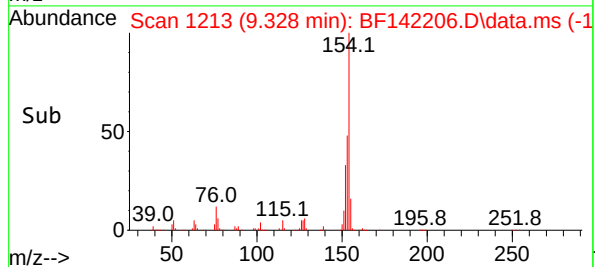
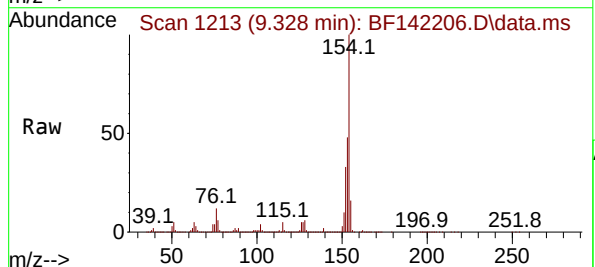
Tgt Ion:154 Resp: 5733908

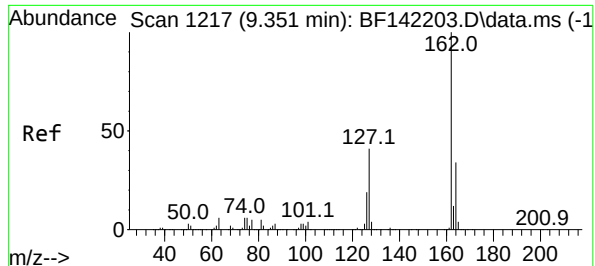
Ion Ratio Lower Upper

154 100

153 47.6 22.5 62.5

76 11.8 0.0 30.4





#47

2-Chloronaphthalene

Concen: 69.899 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

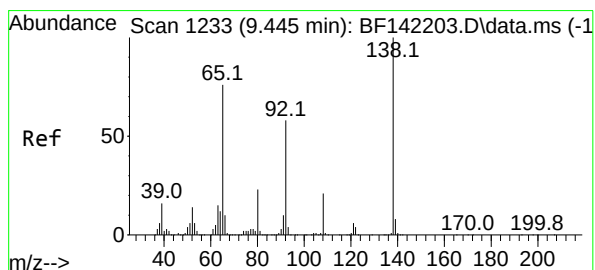
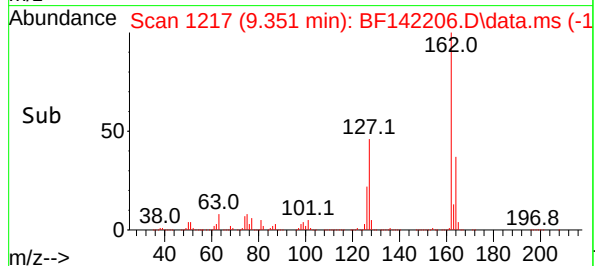
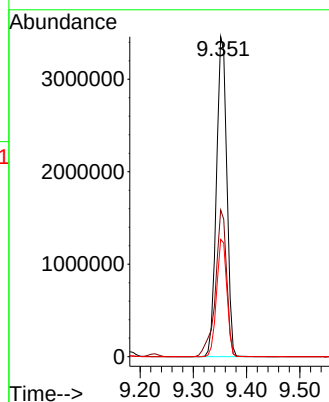
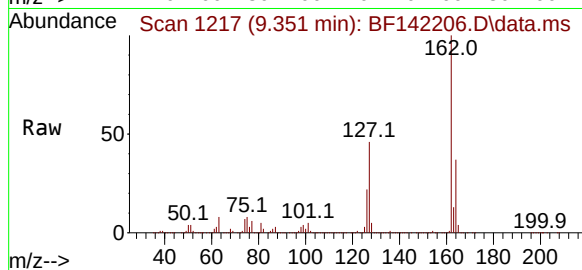
Tgt Ion:162 Resp: 4689307

Ion Ratio Lower Upper

162 100

127 45.8 33.1 49.7

164 36.7 27.1 40.7



#48

2-Nitroaniline

Concen: 79.289 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

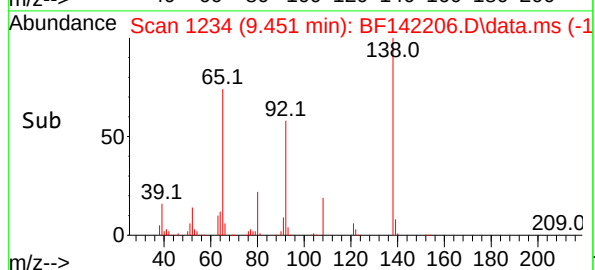
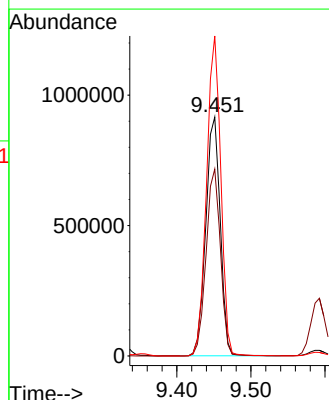
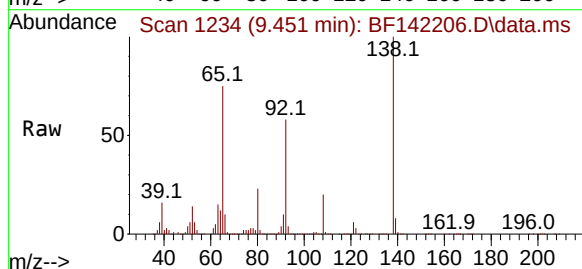
Tgt Ion: 65 Resp: 1246853

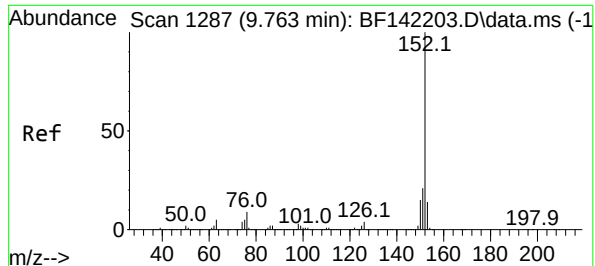
Ion Ratio Lower Upper

65 100

92 78.2 61.4 92.0

138 133.9 105.8 158.6





#49

Acenaphthylene

Concen: 66.561 ng

RT: 9.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

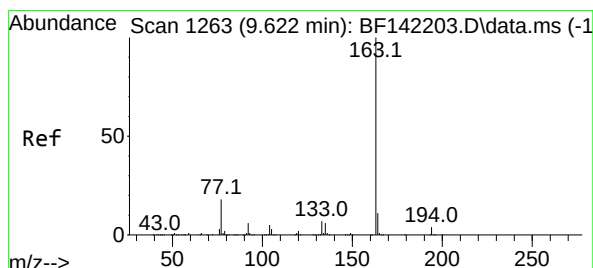
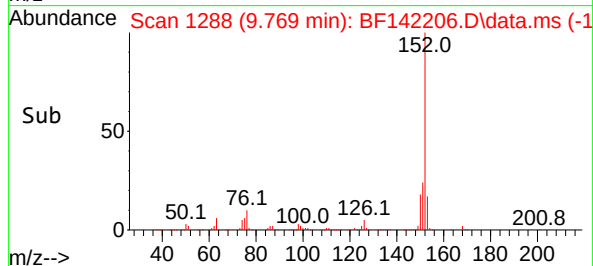
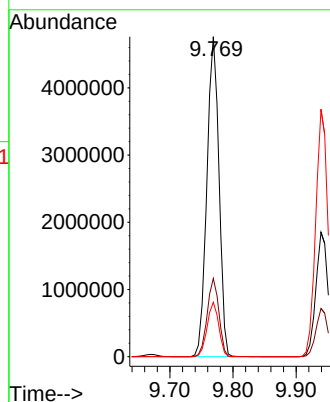
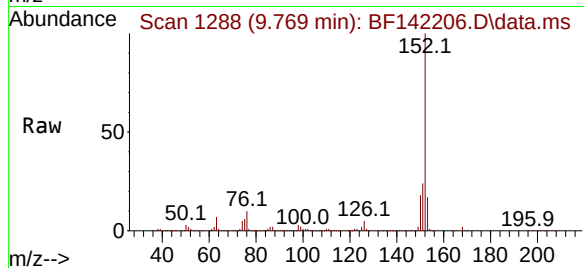
Tgt Ion:152 Resp: 6311627

Ion Ratio Lower Upper

152 100

151 24.4 16.9 25.3

153 17.0 11.6 17.4



#50

Dimethylphthalate

Concen: 73.388 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

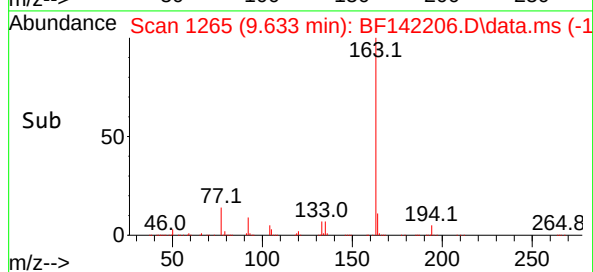
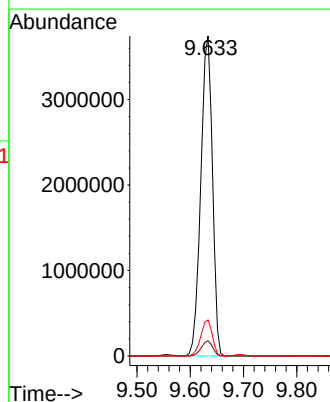
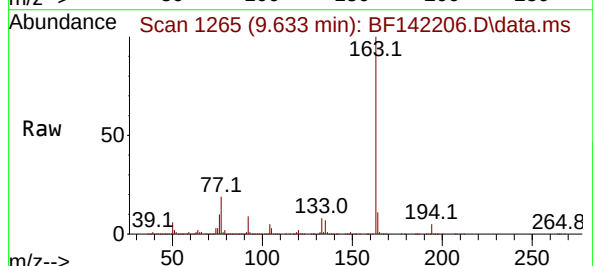
Tgt Ion:163 Resp: 5671409

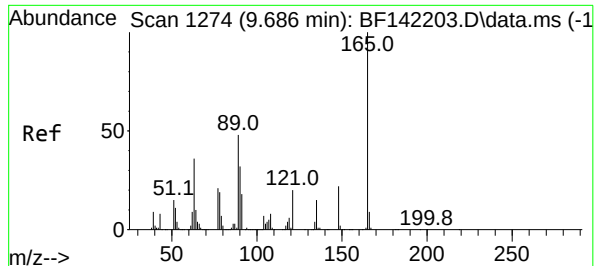
Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

164 11.3 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 77.803 ng

RT: 9.692 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

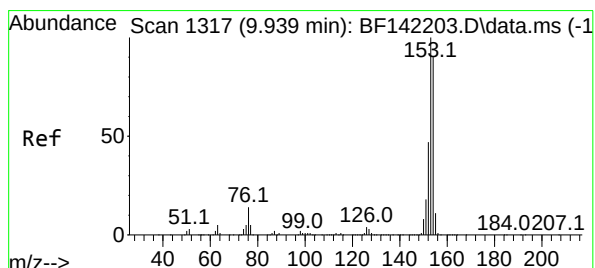
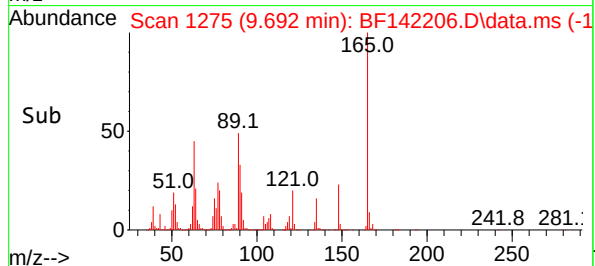
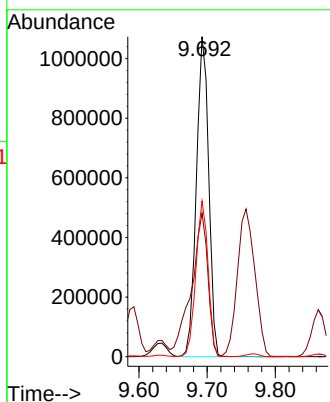
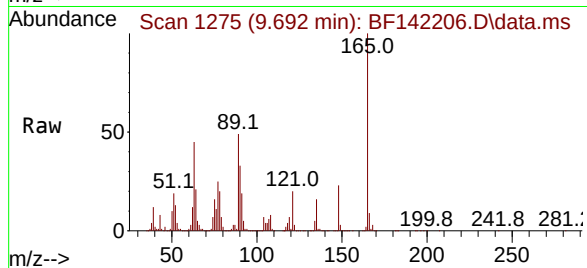
Tgt Ion:165 Resp: 1349897

Ion Ratio Lower Upper

165 100

63 44.8 35.4 53.2

89 48.7 38.6 58.0



#52

Acenaphthene

Concen: 72.077 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

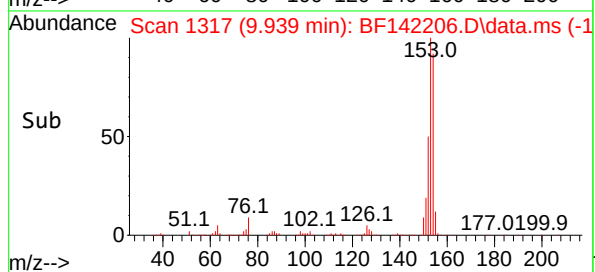
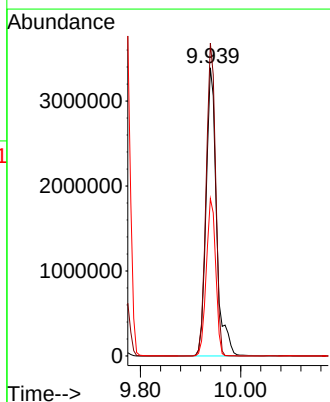
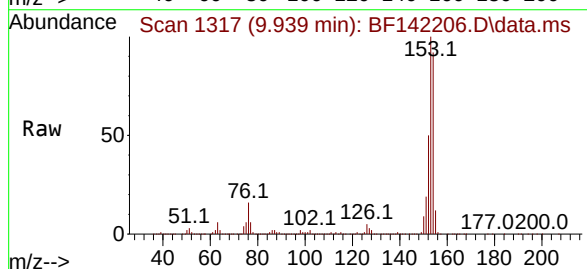
Tgt Ion:154 Resp: 4925202

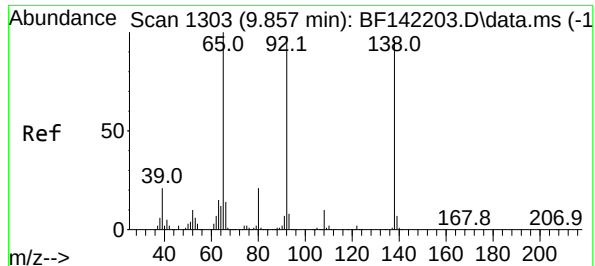
Ion Ratio Lower Upper

154 100

153 108.5 89.0 133.4

152 54.6 41.8 62.8

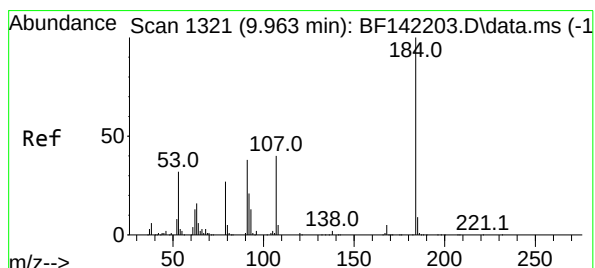
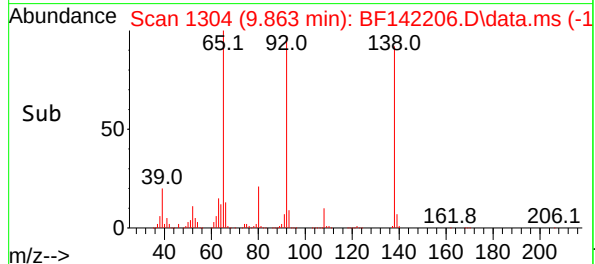
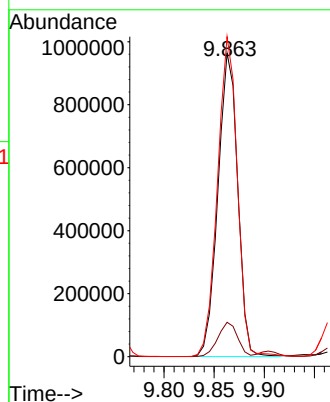
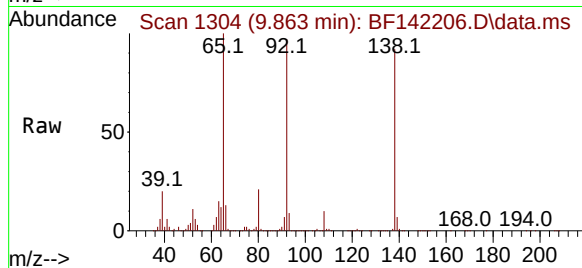




#53
3-Nitroaniline
Concen: 79.432 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

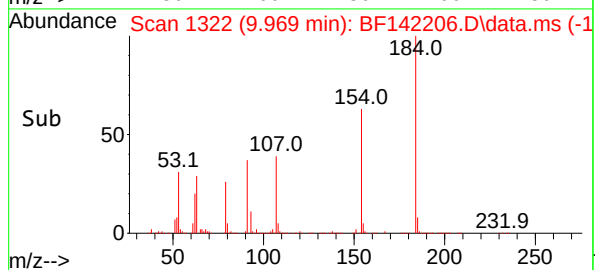
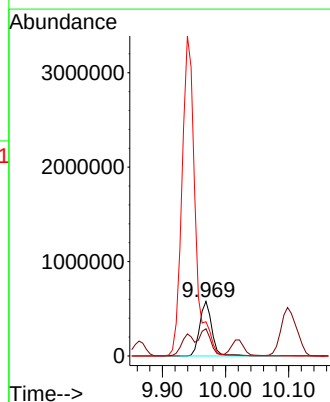
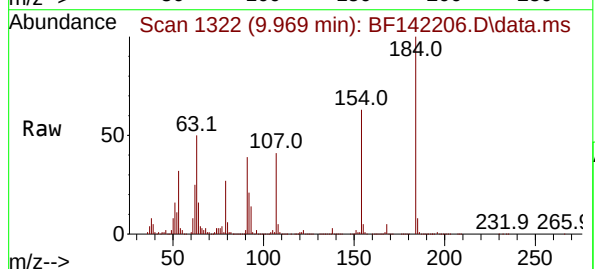
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

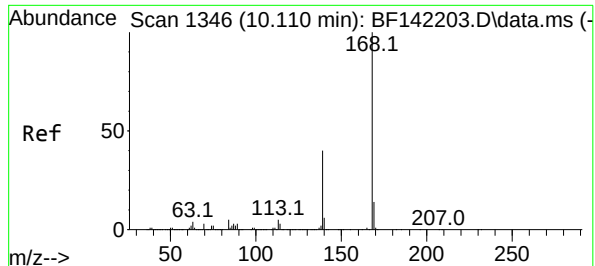
Tgt Ion:138 Resp: 1320524
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 105.4 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 90.455 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:184 Resp: 768668
Ion Ratio Lower Upper
184 100
63 49.9 39.0 58.4
154 62.8 52.2 78.4

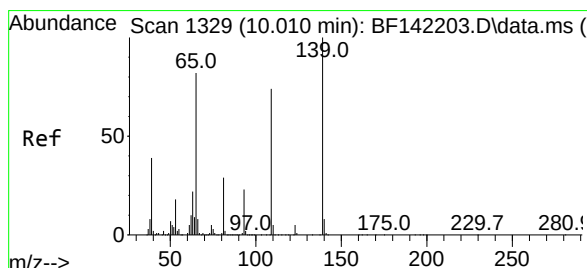
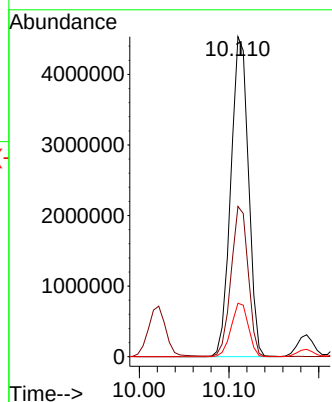
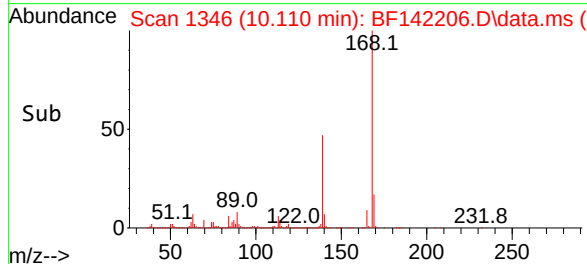
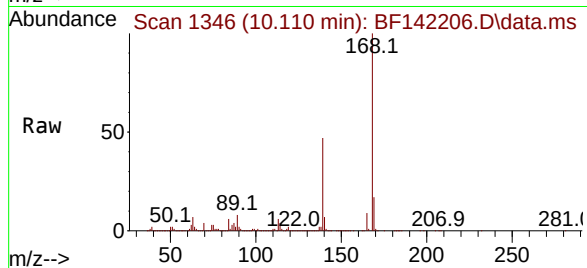




#55
Dibenzofuran
Concen: 64.543 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

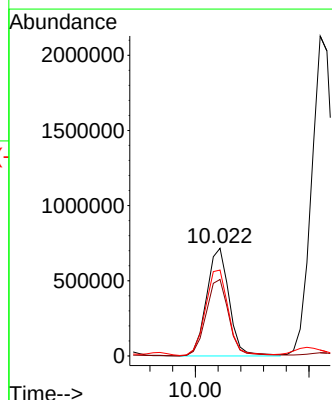
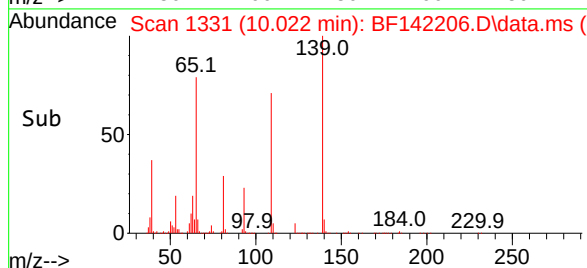
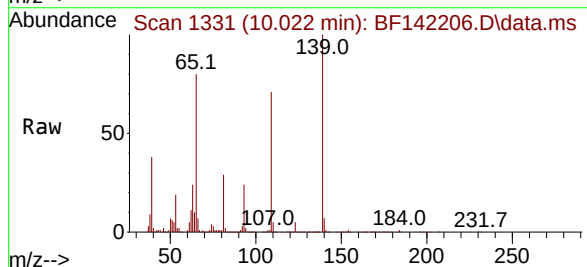
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

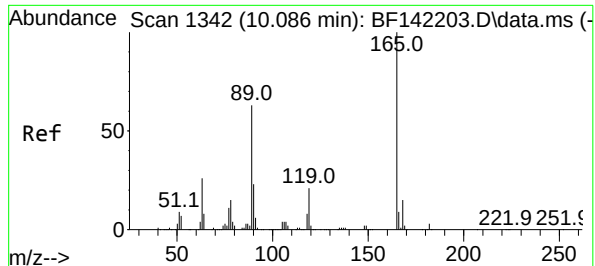
Tgt Ion:168 Resp: 6183046
Ion Ratio Lower Upper
168 100
139 46.9 32.3 48.5
169 16.7 11.4 17.0



#56
4-Nitrophenol
Concen: 81.309 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:139 Resp: 988778
Ion Ratio Lower Upper
139 100
109 71.0 54.1 94.1
65 79.9 62.1 102.1





#57
2,4-Dinitrotoluene
Concen: 76.397 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1712013

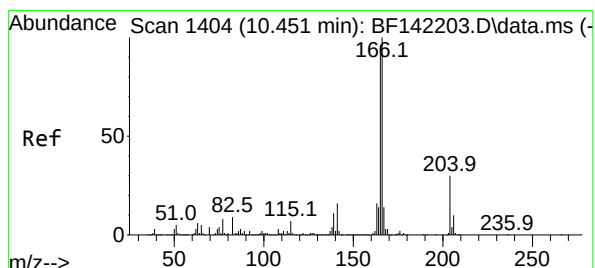
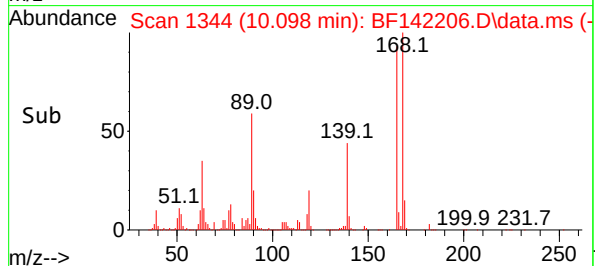
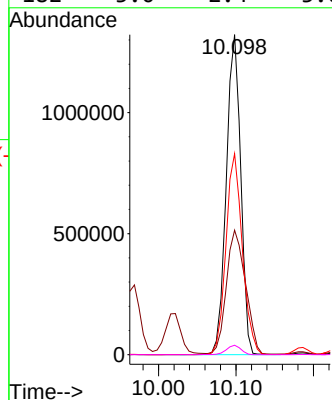
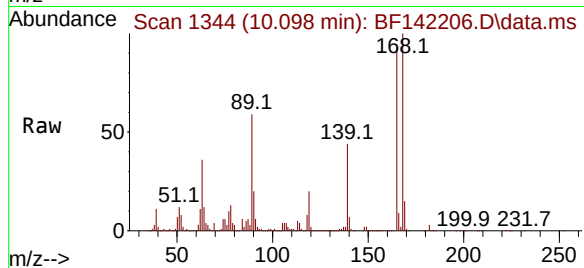
Ion	Ratio	Lower	Upper

165	100		

63	38.9	29.0	43.6

89	62.8	50.1	75.1

182	3.0	2.4	3.6



#58
Fluorene
Concen: 67.293 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

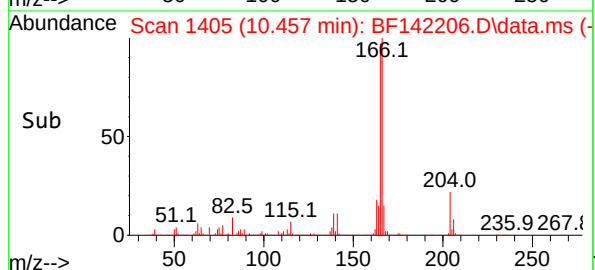
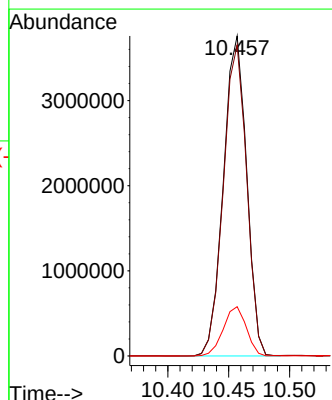
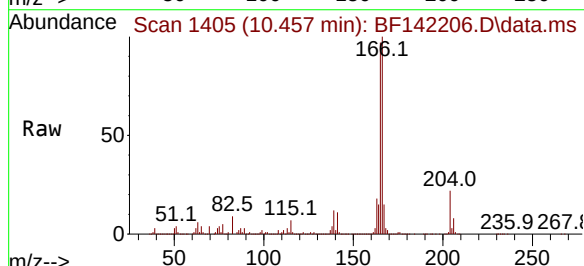
Tgt Ion:166 Resp: 4986748

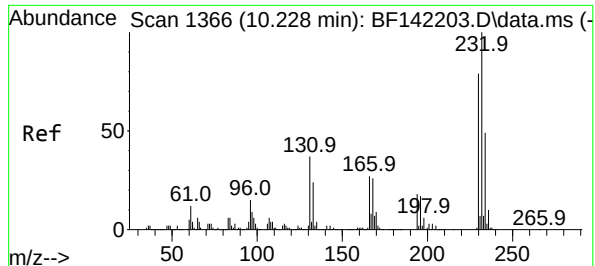
Ion	Ratio	Lower	Upper

166	100		

165	97.2	77.1	115.7

167	15.4	11.0	16.4



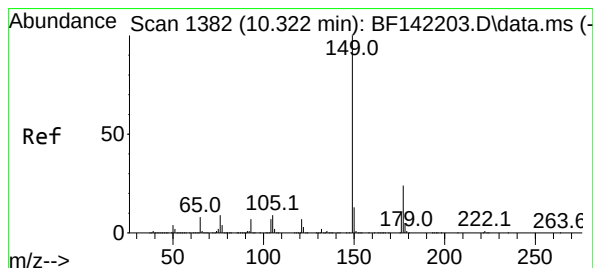
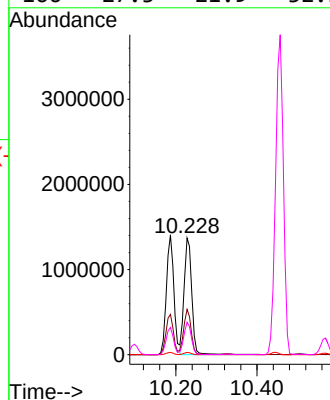
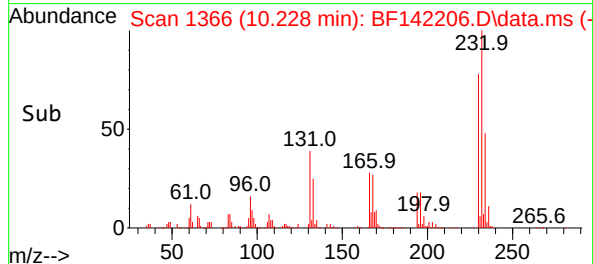
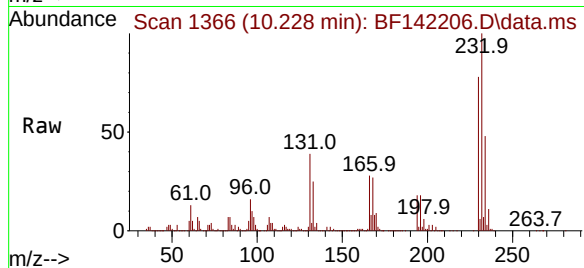


#59
2,3,4,6-Tetrachlorophenol
Concen: 80.571 ng
RT: 10.228 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 1777715

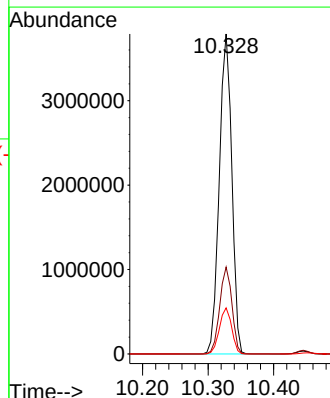
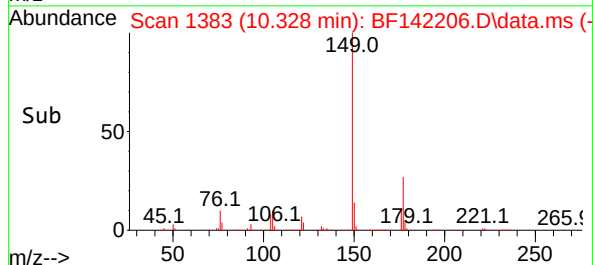
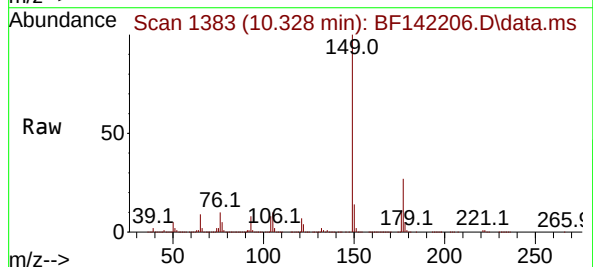
Ion	Ratio	Lower	Upper
232	100		
131	37.8	31.9	47.9
130	1.9	1.6	2.4
166	27.3	21.9	32.9

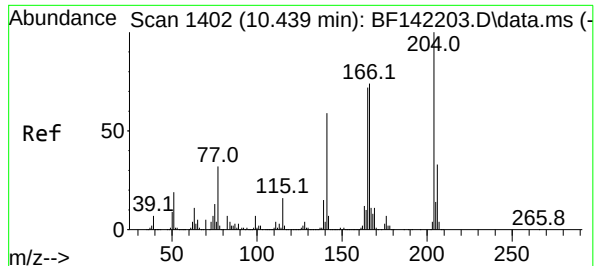


#60
Diethylphthalate
Concen: 69.219 ng
RT: 10.328 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:149 Resp: 4994993

Ion	Ratio	Lower	Upper
149	100		
177	27.2	19.6	29.4
150	14.4	10.6	15.8

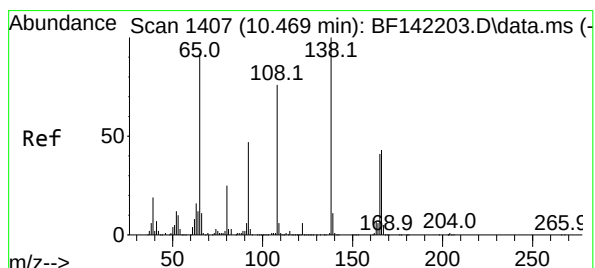
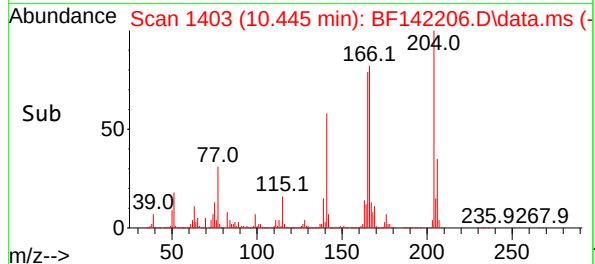
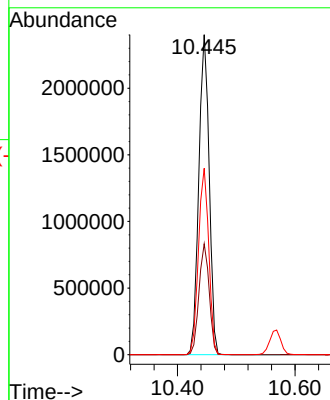
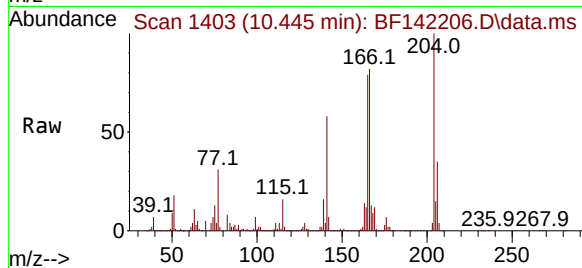




#61
4-Chlorophenyl-phenylether
Concen: 71.809 ng
RT: 10.445 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

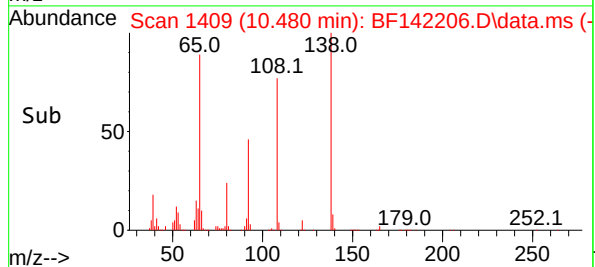
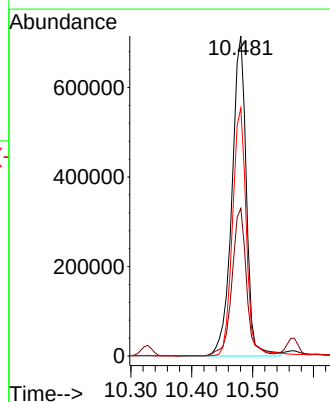
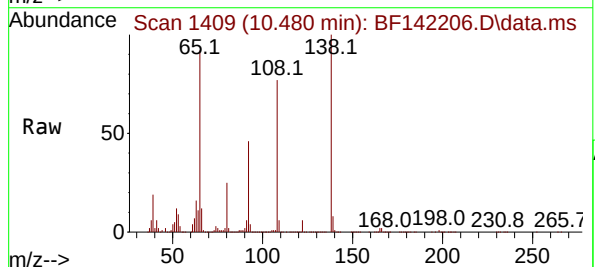
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

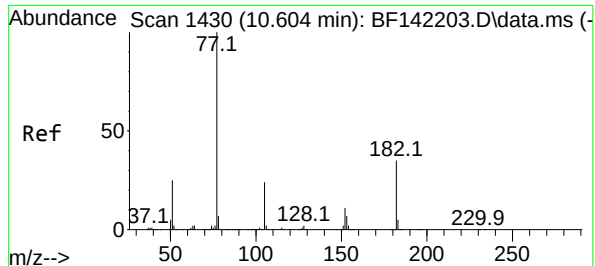
Tgt Ion:204 Resp: 2930042
Ion Ratio Lower Upper
204 100
206 34.7 26.5 39.7
141 58.3 47.0 70.6



#62
4-Nitroaniline
Concen: 74.946 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:138 Resp: 1184269
Ion Ratio Lower Upper
138 100
92 46.1 26.7 66.7
108 77.5 56.5 96.5



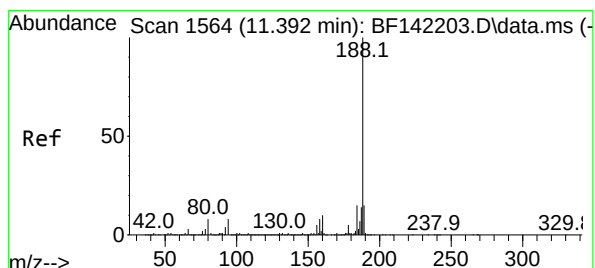
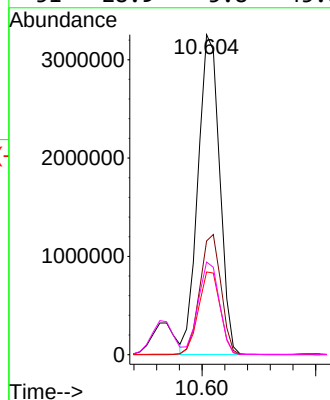
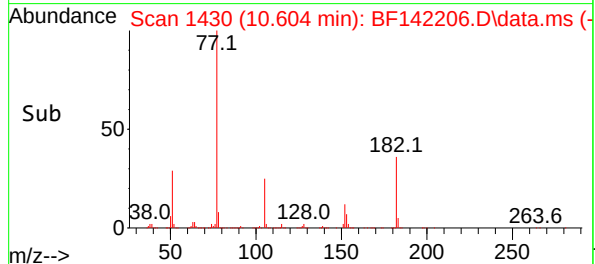
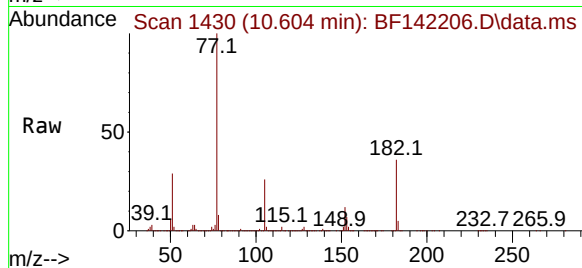


#63
Azobenzene
Concen: 68.342 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 4294353

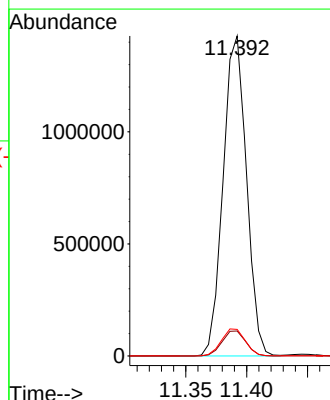
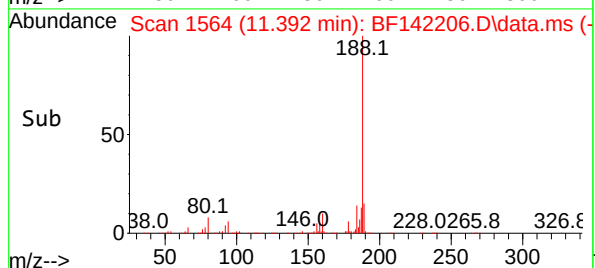
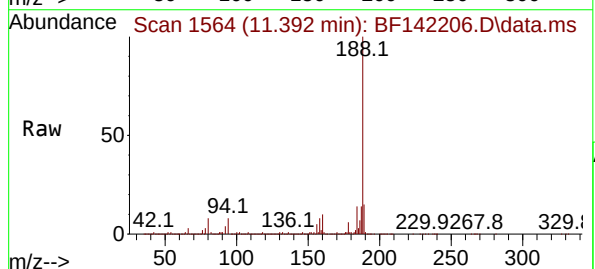
Ion	Ratio	Lower	Upper
77	100		
182	35.5	14.8	54.8
105	25.8	4.0	44.0
51	28.9	5.8	45.8

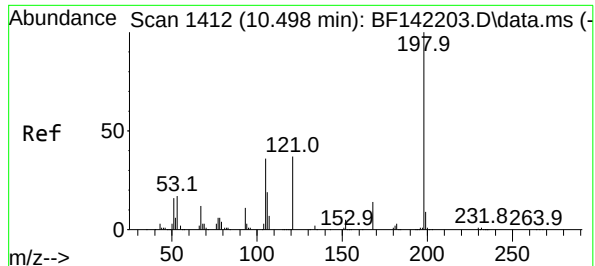


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 188 Resp: 1905521

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.3	6.7	10.1

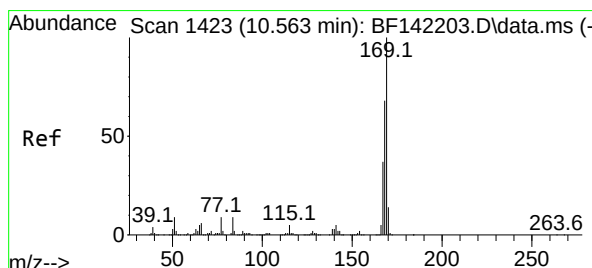
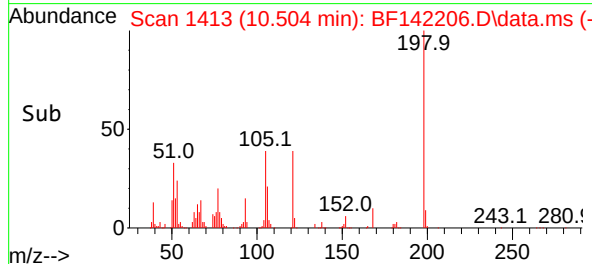
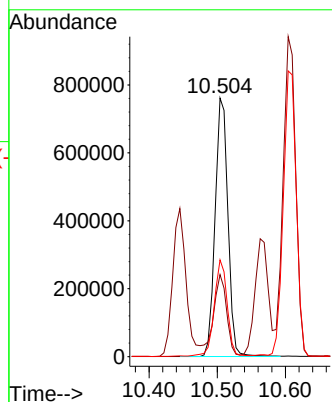
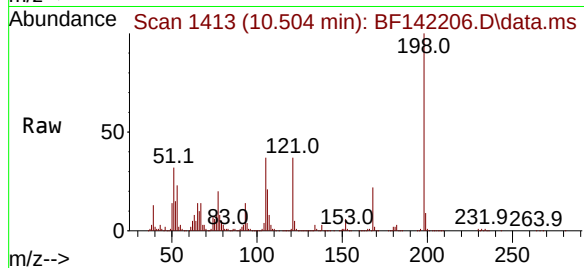




#65
4,6-Dinitro-2-methylphenol
Concen: 89.504 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

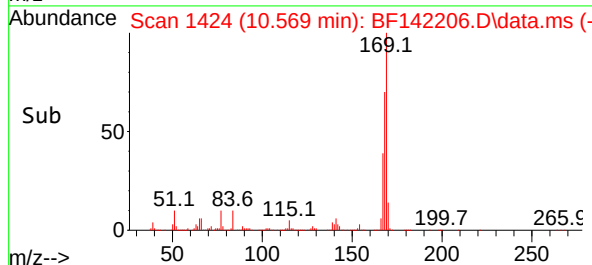
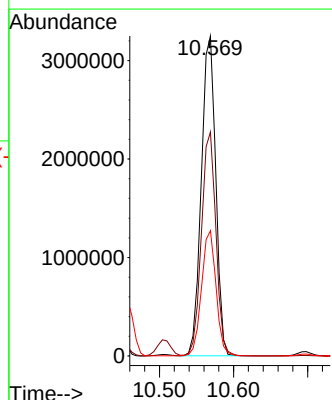
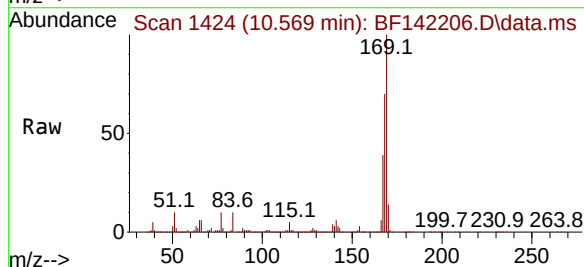
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

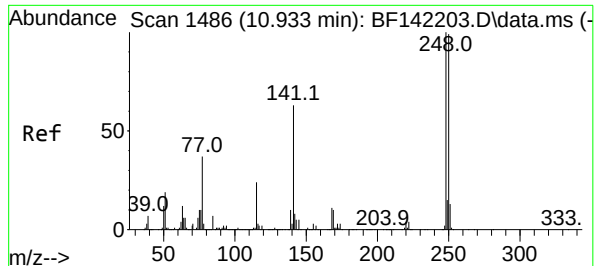
Tgt Ion:198 Resp: 995551
Ion Ratio Lower Upper
198 100
51 31.8 10.2 50.2
105 37.5 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 75.047 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:169 Resp: 4382839
Ion Ratio Lower Upper
169 100
168 70.0 54.2 81.2
167 39.1 29.4 44.2

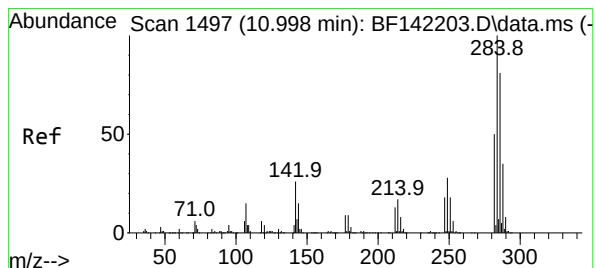
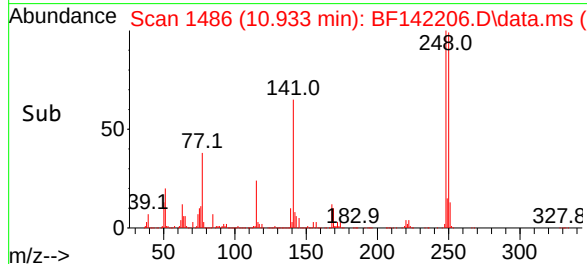
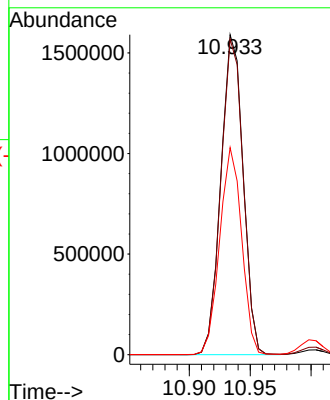
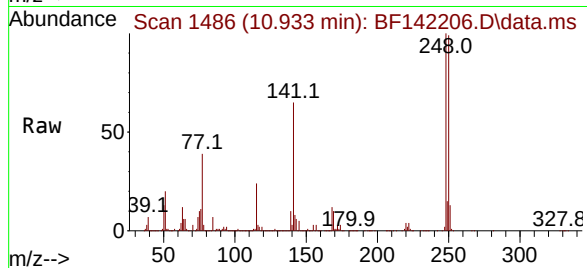




#67
4-Bromophenyl-phenylether
Concen: 80.915 ng
RT: 10.933 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

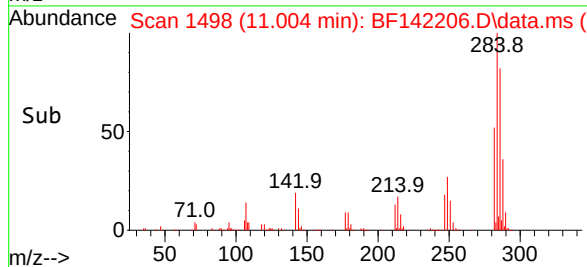
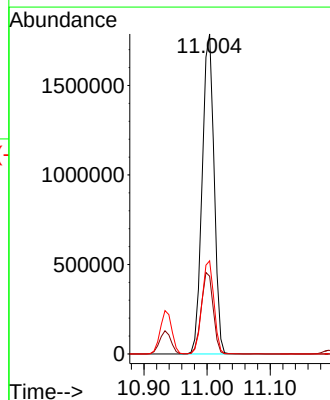
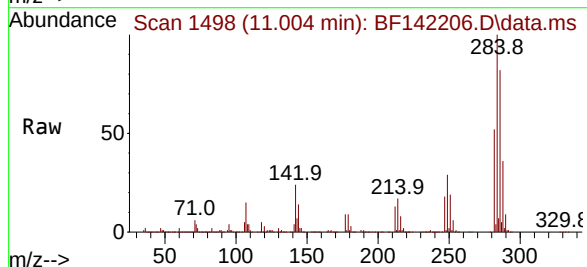
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

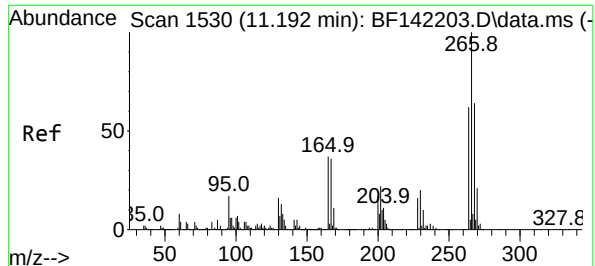
Tgt Ion:248 Resp: 2027719
Ion Ratio Lower Upper
248 100
250 98.6 78.8 118.2
141 64.7 50.6 75.8



#68
Hexachlorobenzene
Concen: 78.360 ng
RT: 11.004 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:284 Resp: 2336851
Ion Ratio Lower Upper
284 100
142 24.3 20.7 31.1
249 29.1 22.8 34.2

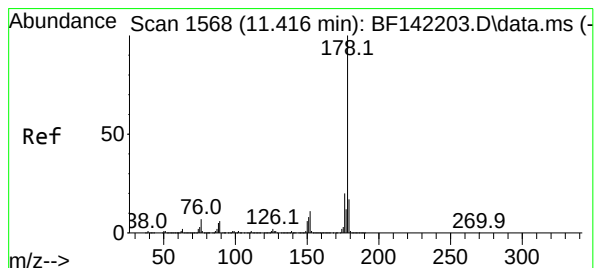
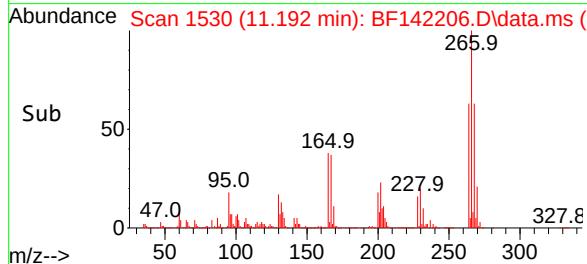
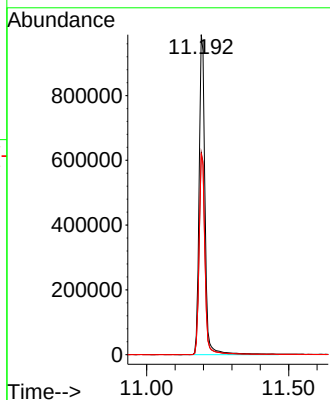
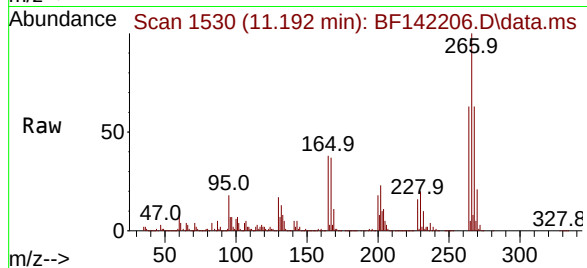




#70
Pentachlorophenol
Concen: 92.720 ng
RT: 11.192 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

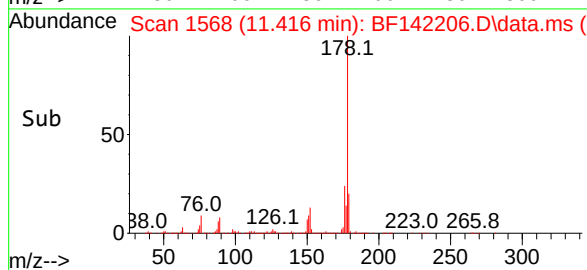
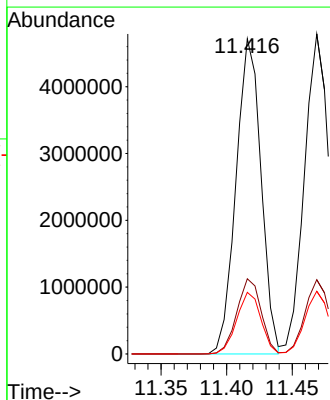
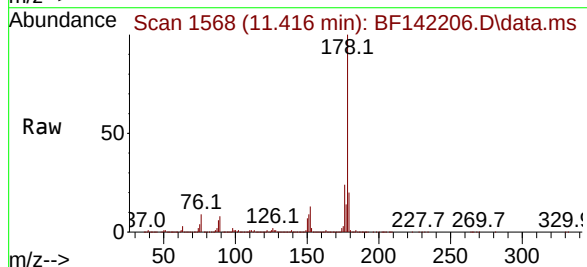
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

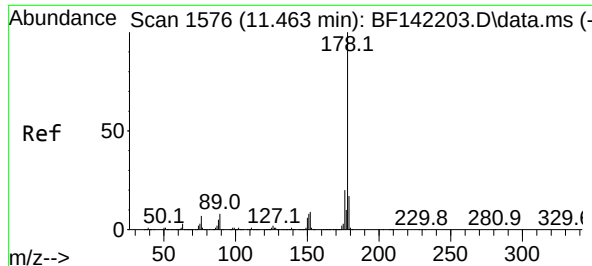
Tgt Ion:266 Resp: 1410593
Ion Ratio Lower Upper
266 100
268 63.2 50.9 76.3
264 62.9 49.4 74.2



#71
Phenanthrene
Concen: 66.185 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:178 Resp: 6262872
Ion Ratio Lower Upper
178 100
176 23.9 16.3 24.5
179 19.6 13.3 19.9

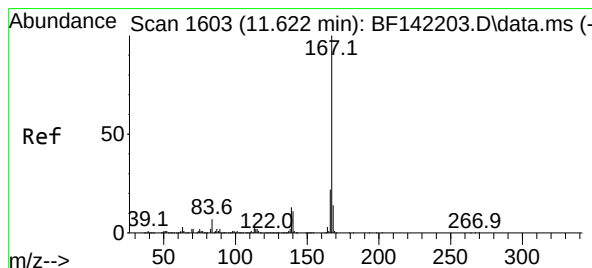
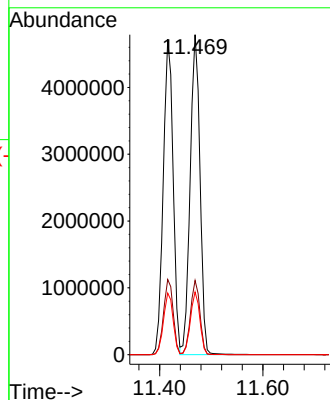
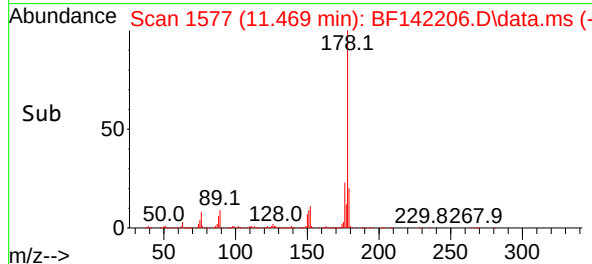
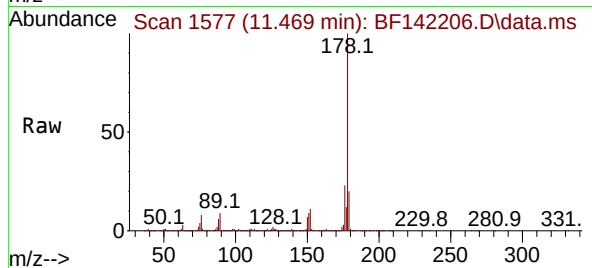




#72
Anthracene
Concen: 66.899 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

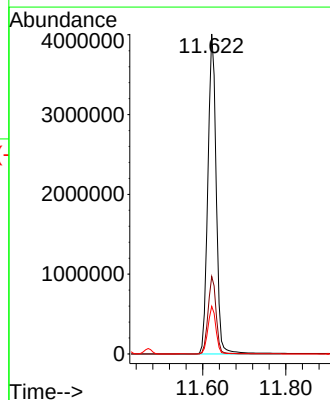
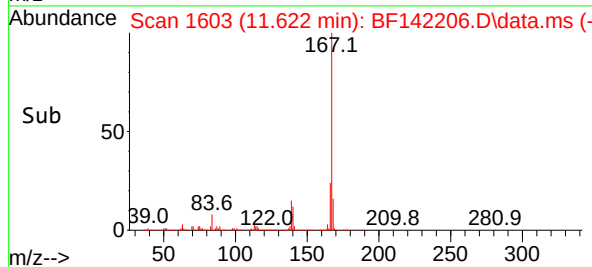
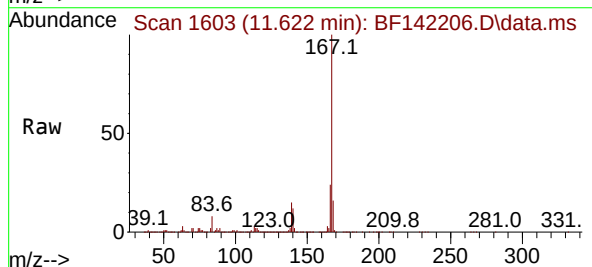
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

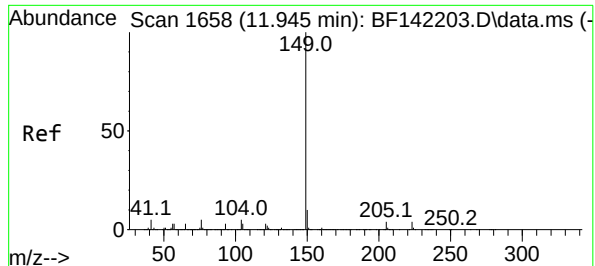
Tgt Ion:178 Resp: 6329668
Ion Ratio Lower Upper
178 100
176 23.2 15.6 23.4
179 19.6 13.4 20.0



#73
Carbazole
Concen: 67.714 ng
RT: 11.622 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:167 Resp: 5597174
Ion Ratio Lower Upper
167 100
166 24.2 17.4 26.2
139 14.9 10.7 16.1

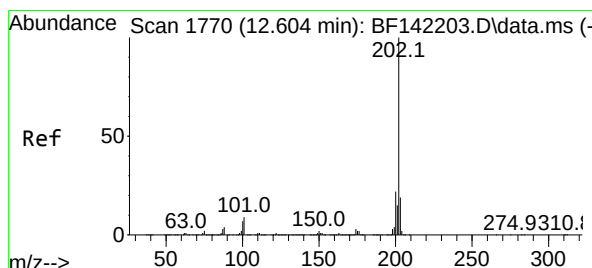
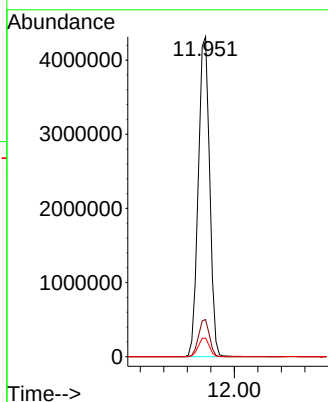
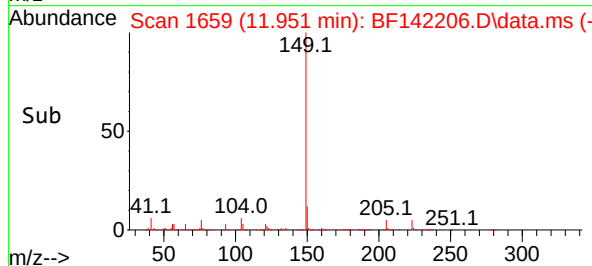
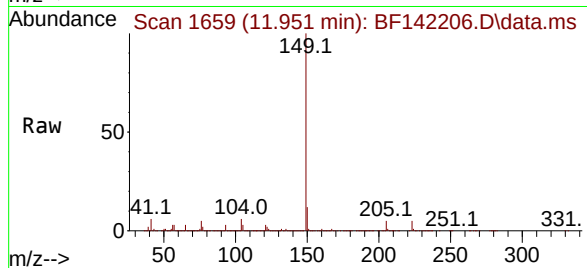




#74
Di-n-butylphthalate
Concen: 67.669 ng
RT: 11.951 min Scan# 1659
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

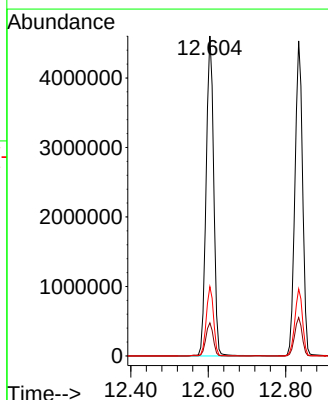
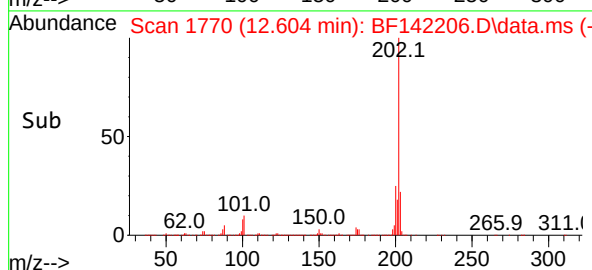
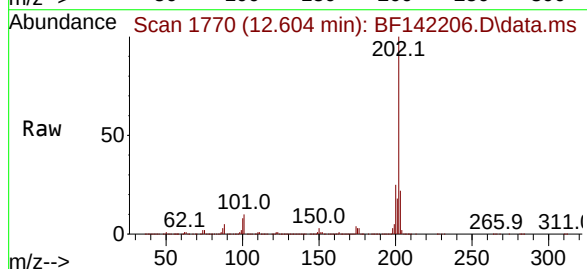
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

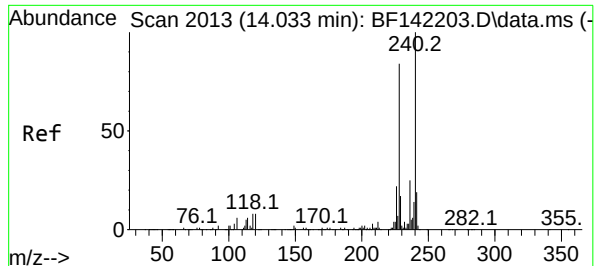
Tgt Ion:149 Resp: 5789320
Ion Ratio Lower Upper
149 100
150 11.6 7.9 11.9
104 5.8 4.0 6.0



#75
Fluoranthene
Concen: 63.129 ng
RT: 12.604 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:202 Resp: 6209391
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.9
203 21.6 0.0 38.6

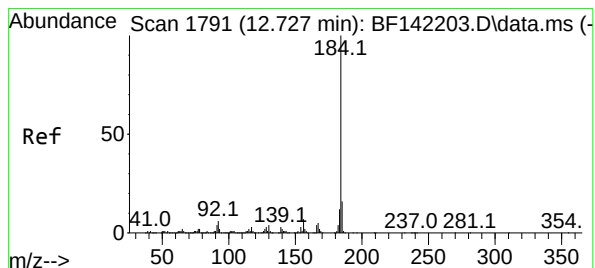
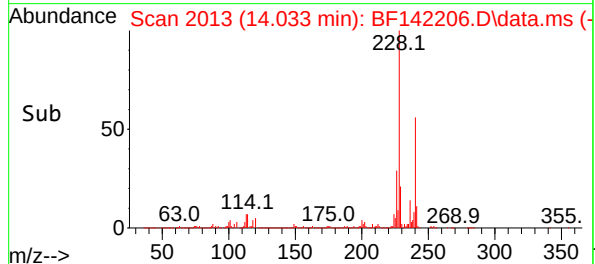
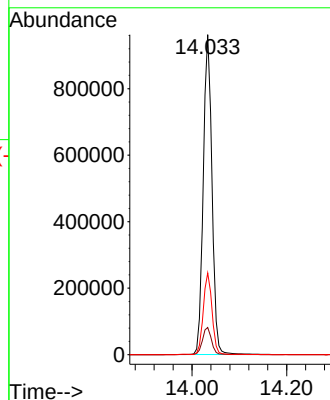
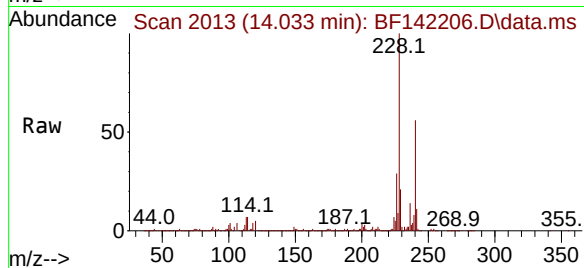




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

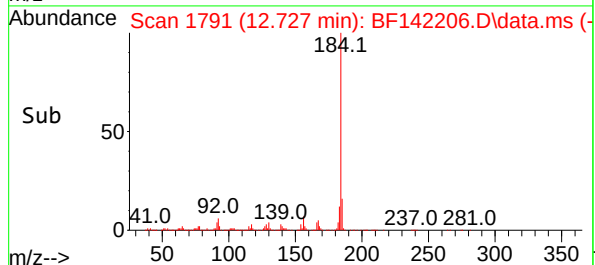
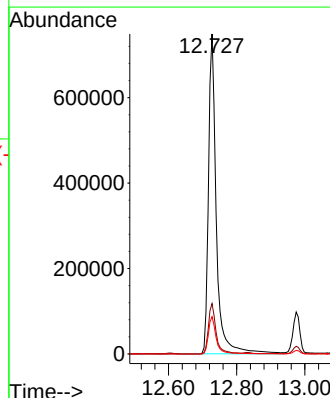
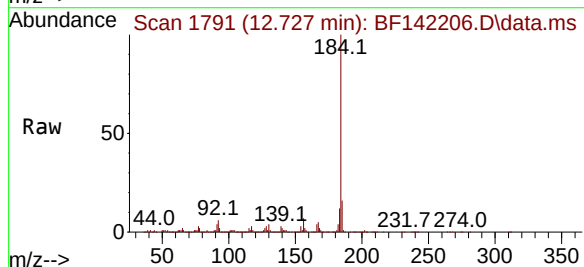
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

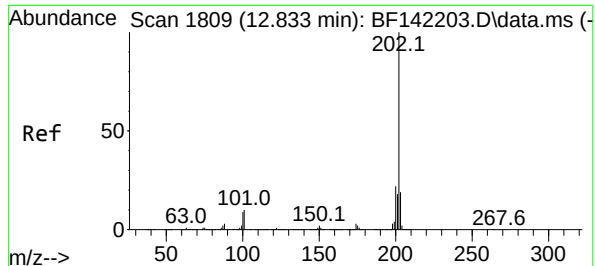
Tgt Ion:240 Resp: 1232558
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.5 20.2 30.2



#77
Benzidine
Concen: 75.444 ng
RT: 12.727 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

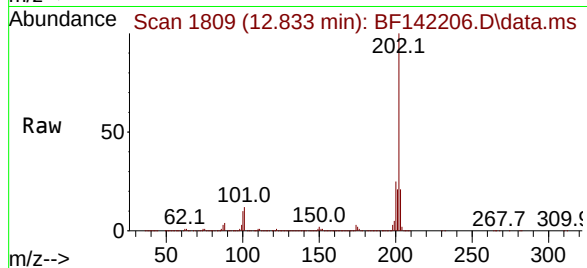
Tgt Ion:184 Resp: 1199999
Ion Ratio Lower Upper
184 100
185 15.8 13.0 19.6
183 11.7 9.6 14.4



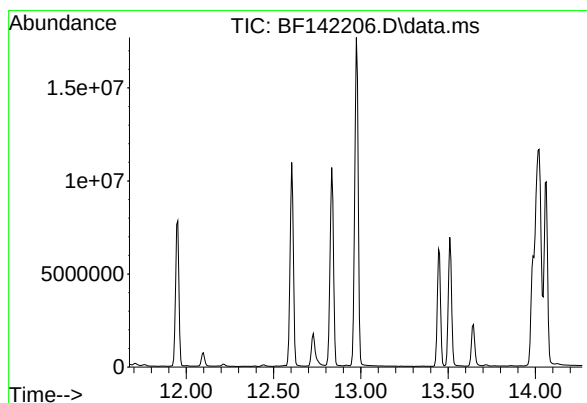
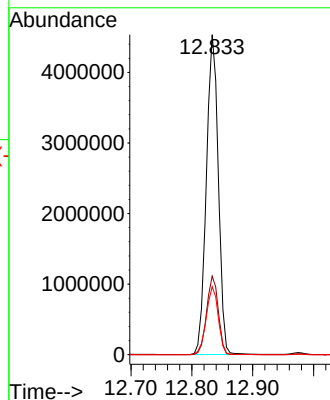
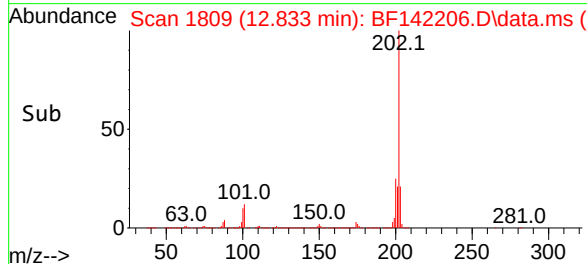


#78
Pyrene
Concen: 63.228 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080



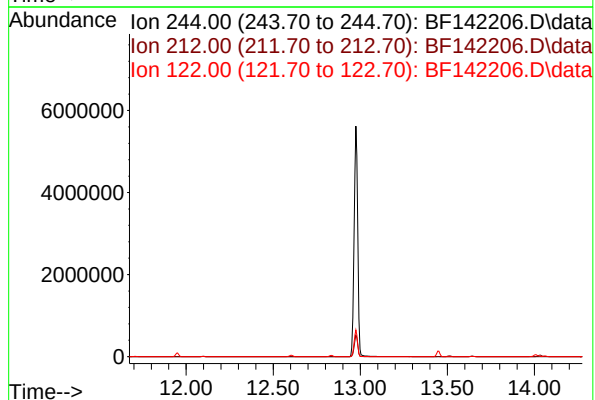
Tgt Ion:202 Resp: 6189539
Ion Ratio Lower Upper
202 100
200 24.6 17.6 26.4
203 21.3 14.8 22.2

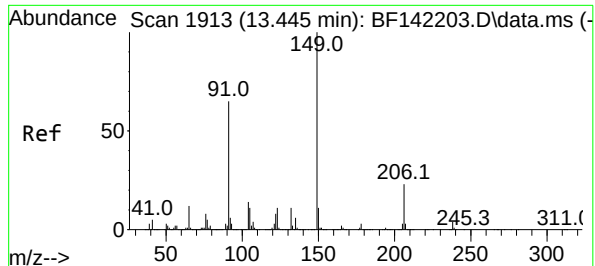


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.97 min

Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.4
122 9.1

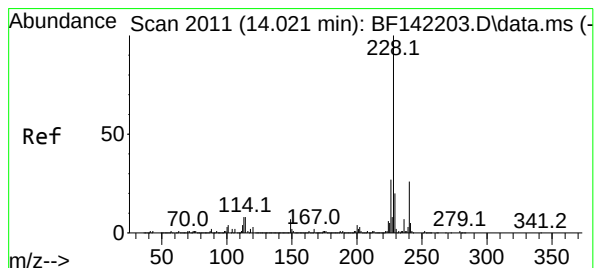
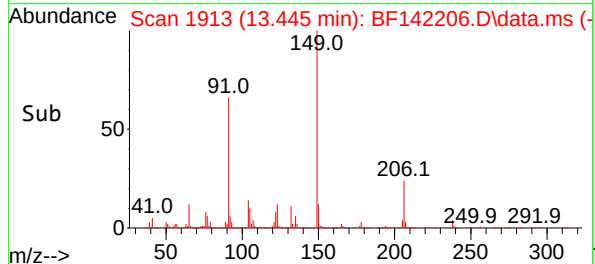
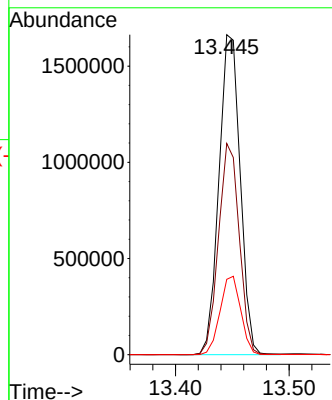
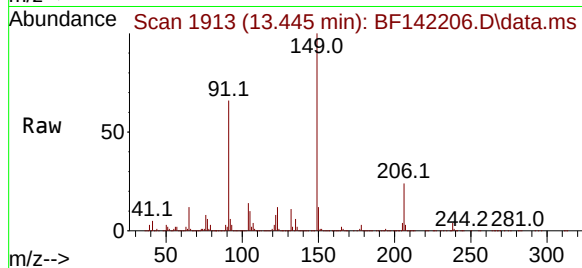




#80
Butylbenzylphthalate
Concen: 91.317 ng
RT: 13.445 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

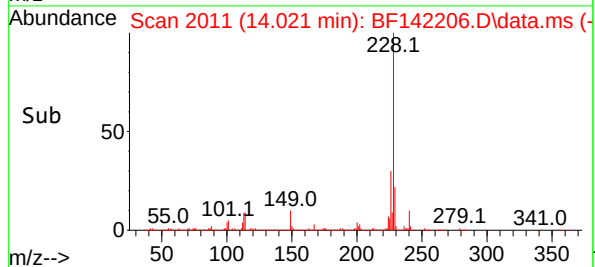
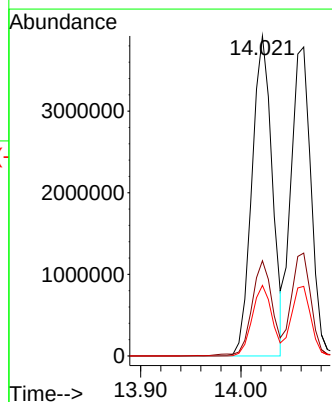
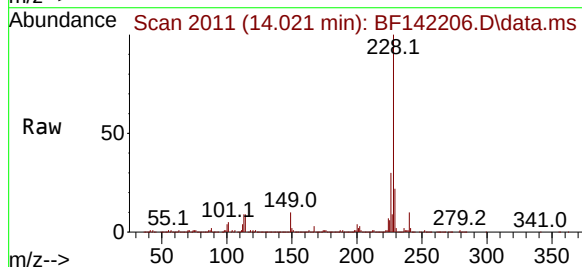
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

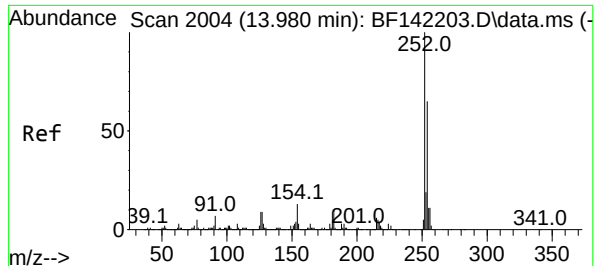
Tgt Ion:149 Resp: 2163691
Ion Ratio Lower Upper
149 100
91 66.0 51.8 77.8
206 23.5 18.2 27.4



#81
Benzo(a)anthracene
Concen: 73.885 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:228 Resp: 5515775
Ion Ratio Lower Upper
228 100
226 29.7 21.8 32.8
229 22.0 16.0 24.0

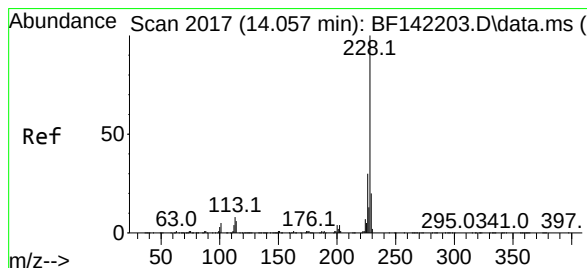
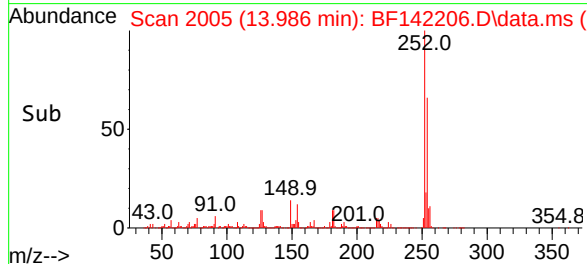
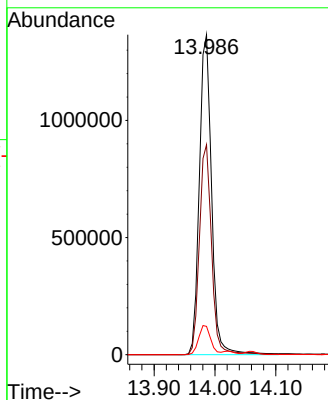
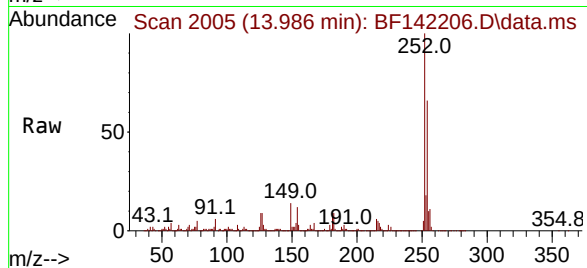




#82
3,3'-Dichlorobenzidine
Concen: 85.468 ng
RT: 13.986 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

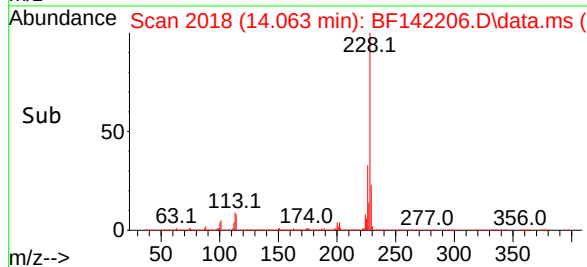
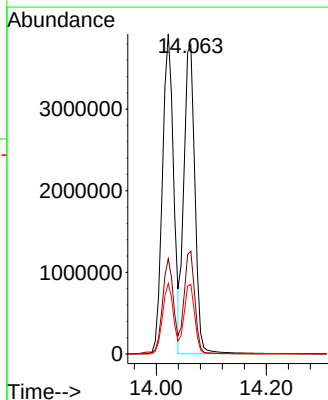
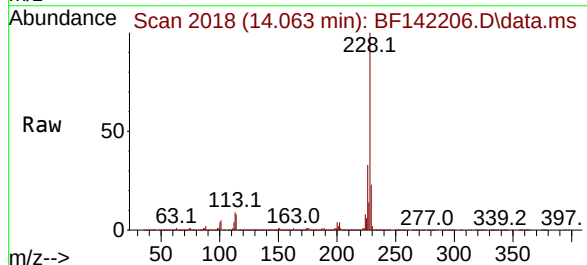
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

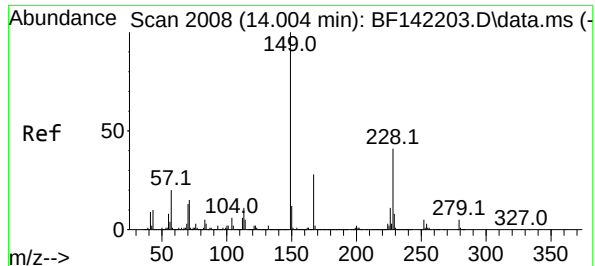
Tgt Ion:252 Resp: 1900009
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 8.8 7.4 11.0



#83
Chrysene
Concen: 73.681 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:228 Resp: 5299728
Ion Ratio Lower Upper
228 100
226 33.3 23.9 35.9
229 22.5 16.2 24.4

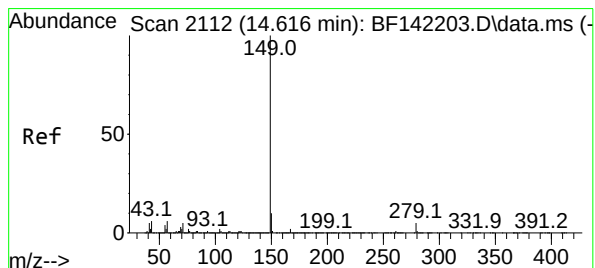
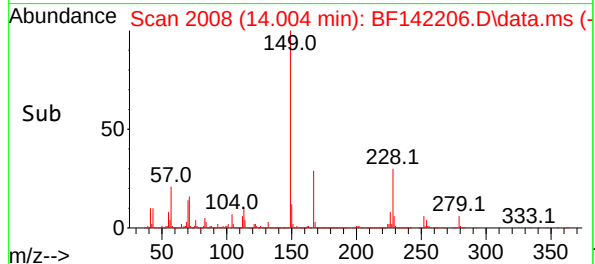
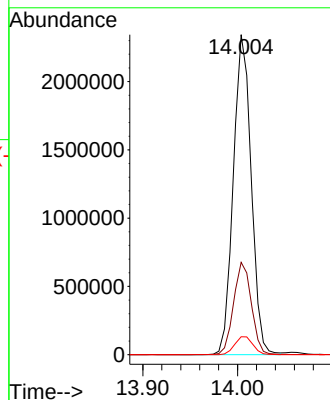
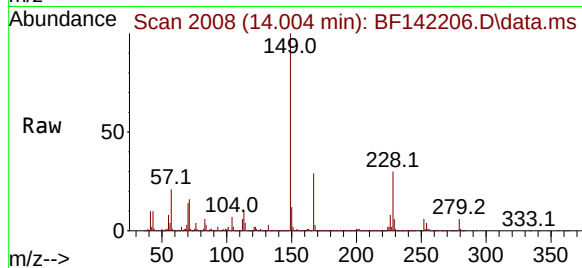




#84
Bis(2-ethylhexyl)phthalate
Concen: 96.680 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

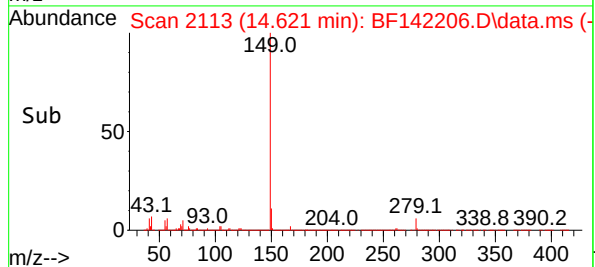
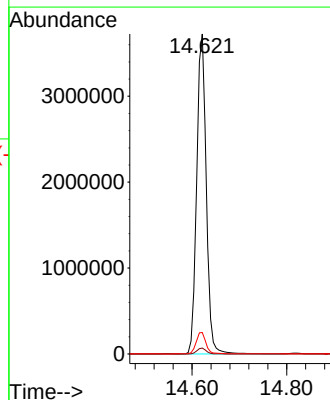
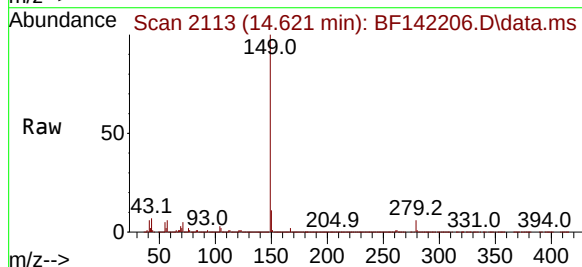
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

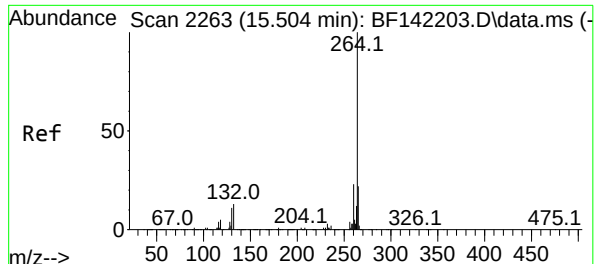
Tgt Ion:149 Resp: 3064585
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.4
279 5.6 4.2 6.2



#85
Di-n-octyl phthalate
Concen: 92.825 ng
RT: 14.621 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:149 Resp: 5211413
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 6.9 5.3 7.9

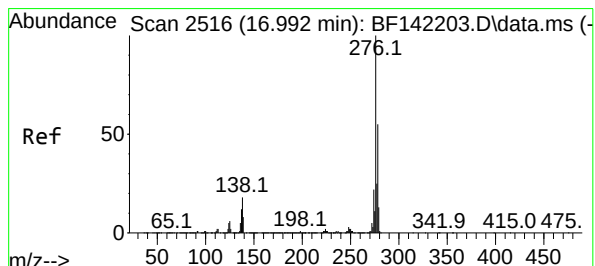
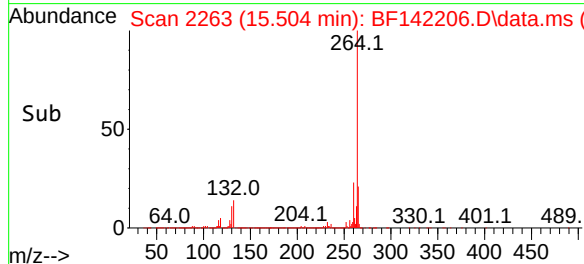
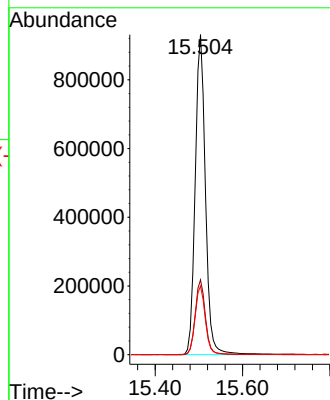
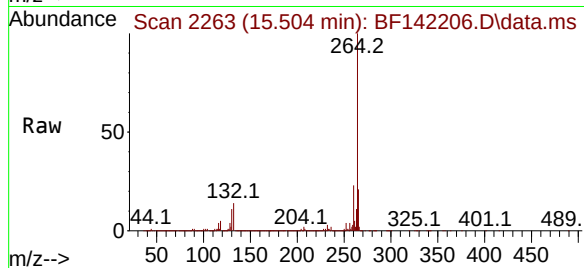




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

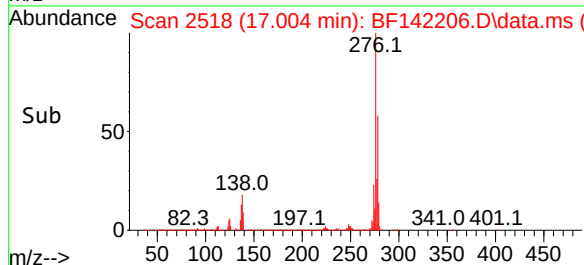
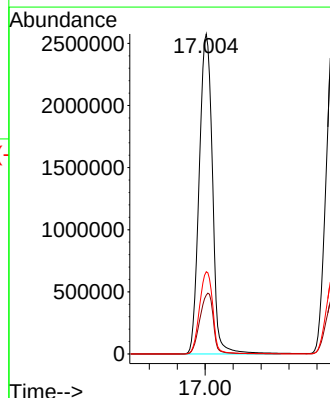
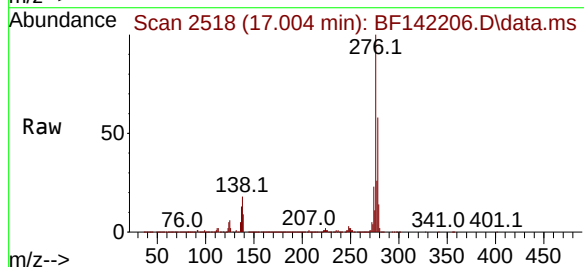
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

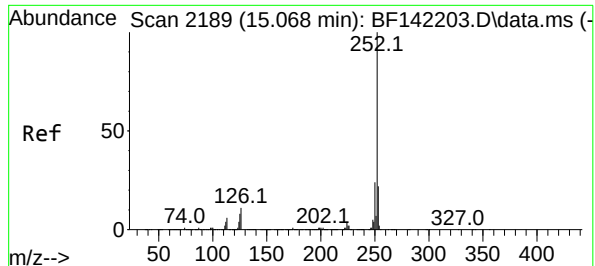
Tgt Ion:264 Resp: 1521000
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.4 16.9 25.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 79.317 ng
RT: 17.004 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:276 Resp: 8464335
Ion Ratio Lower Upper
276 100
138 19.4 15.1 22.7
277 25.9 20.1 30.1

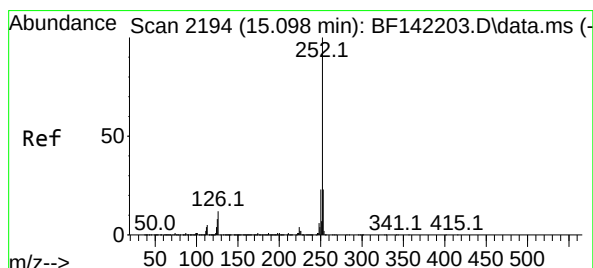
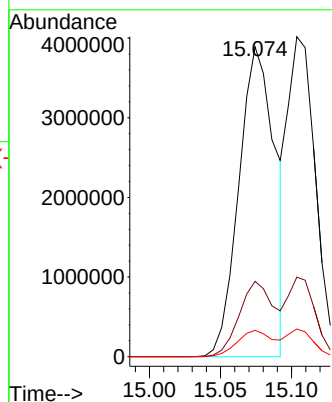
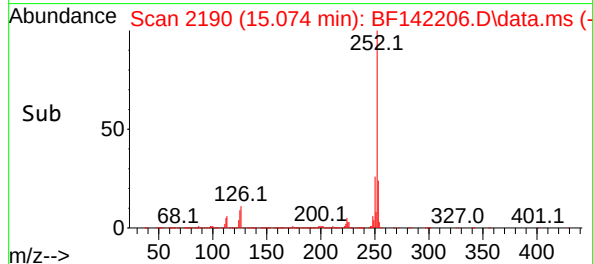
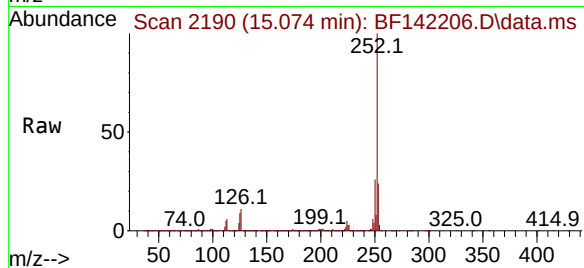




#88
Benzo(b)fluoranthene
Concen: 80.580 ng
RT: 15.074 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

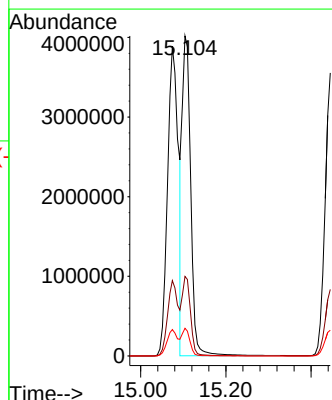
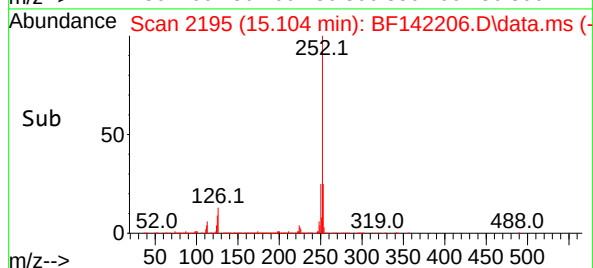
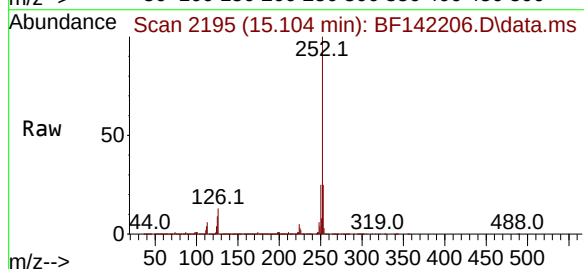
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

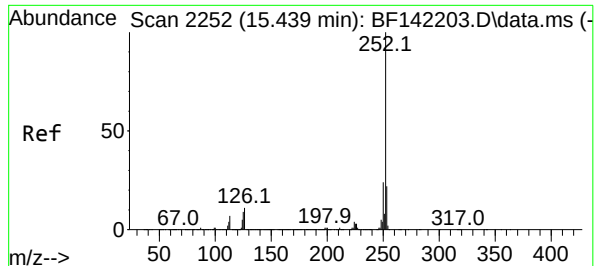
Tgt Ion:252 Resp: 6876106
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 8.5 6.4 9.6



#89
Benzo(k)fluoranthene
Concen: 66.492 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:252 Resp: 5611620
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 8.7 6.6 10.0

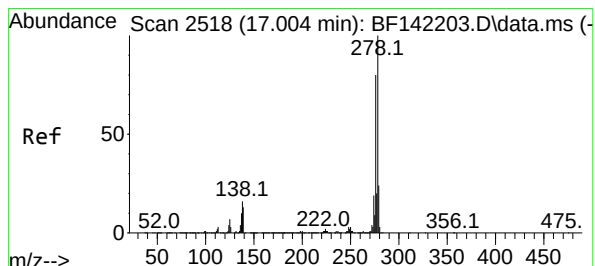
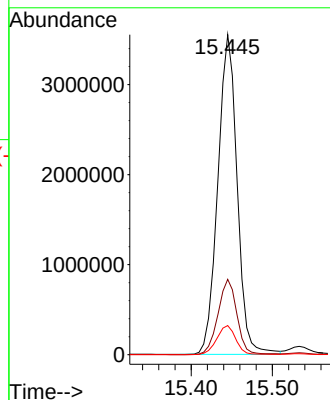
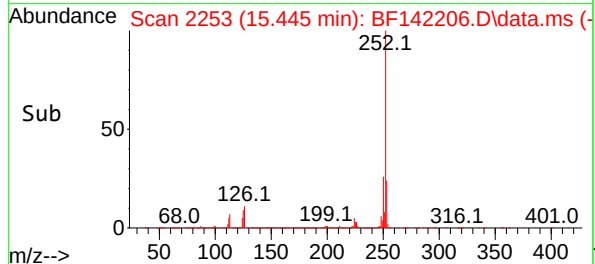
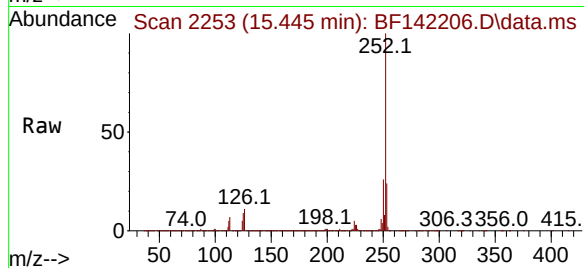




#90
Benzo(a)pyrene
Concen: 77.024 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

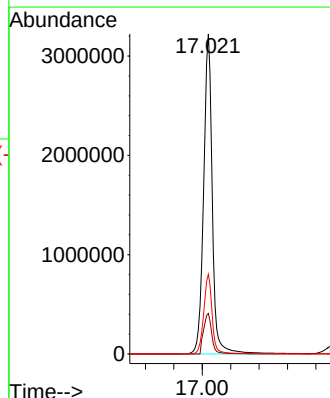
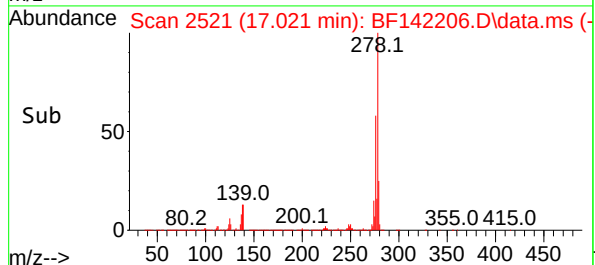
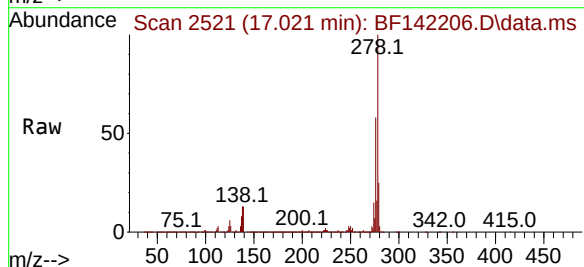
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

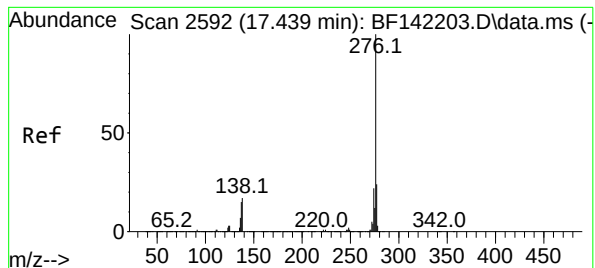
Tgt Ion:252 Resp: 5882159
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 9.1 7.1 10.7



#91
Dibenzo(a,h)anthracene
Concen: 78.381 ng
RT: 17.021 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:278 Resp: 6823194
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.4
279 24.9 19.3 28.9





#92

Benzo(g,h,i)perylene

Concen: 79.016 ng

RT: 17.457 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF142206.D

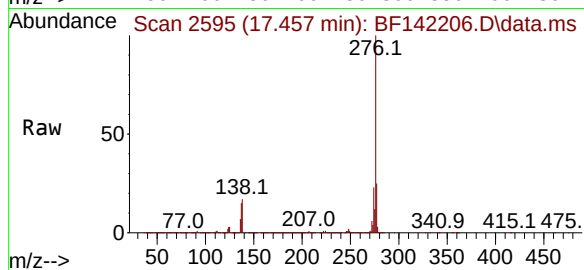
Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



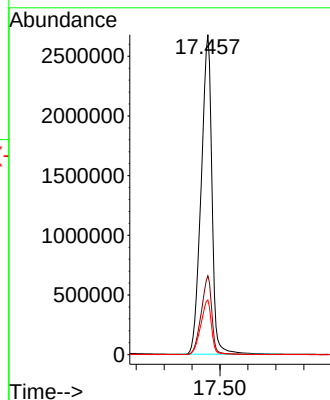
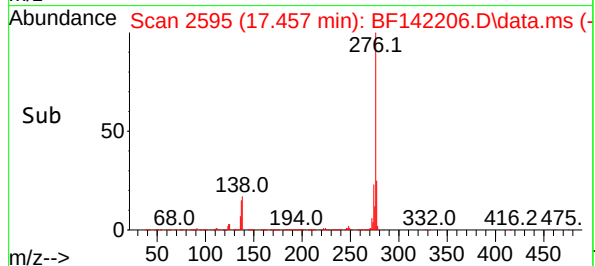
Tgt Ion:276 Resp: 7164373

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 17.1 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142207.D
 Acq On : 21 Apr 2025 18:12
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042125

Quant Time: Apr 22 02:23:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	461542	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1719122	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	967738	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1649639	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1001037	20.000	ng	0.00
86) Perylene-d12	15.504	264	1142603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1955894	79.451	ng	0.00
7) Phenol-d6	6.493	99	2444776	79.298	ng	0.00
23) Nitrobenzene-d5	7.428	82	2178335	79.578	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1102365	83.314	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	4641250	78.171	ng	0.00
79) Terphenyl-d14	12.975	244	4698500	78.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	348980	34.924	ng	99
3) Pyridine	3.375	79	819004	37.761	ng	99
4) n-Nitrosodimethylamine	3.328	42	338244	38.408	ng	100
6) Aniline	6.528	93	1127792	39.617	ng	99
8) 2-Chlorophenol	6.651	128	1124478	39.905	ng	99
9) Benzaldehyde	6.416	77	685303	40.487	ng	100
10) Phenol	6.504	94	1290053	39.672	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	929239	37.893	ng	97
12) 1,3-Dichlorobenzene	6.804	146	1273566	39.884	ng	100
13) 1,4-Dichlorobenzene	6.881	146	1279692	39.074	ng	99
14) 1,2-Dichlorobenzene	7.040	146	1210661	39.736	ng	99
15) Benzyl Alcohol	7.004	79	931634	41.444	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	895979	37.695	ng	100
17) 2-Methylphenol	7.116	107	849930	40.076	ng	99
18) Hexachloroethane	7.375	117	451803	40.609	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	682166	39.129	ng	99
20) 3+4-Methylphenols	7.269	107	1074921	40.753	ng	99
22) Acetophenone	7.275	105	1490022	39.487	ng	99
24) Nitrobenzene	7.451	77	1074704	39.630	ng	98
25) Isophorone	7.687	82	1791918	38.998	ng	99
26) 2-Nitrophenol	7.763	139	607994	42.652	ng	97
27) 2,4-Dimethylphenol	7.798	122	745277	40.209	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1157428	38.380	ng	100
29) 2,4-Dichlorophenol	8.004	162	1008665	40.013	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	1158390	39.295	ng	100
31) Naphthalene	8.169	128	3284422	40.444	ng	99
32) Benzoic acid	7.916	122	656470	39.705	ng	99
33) 4-Chloroaniline	8.216	127	1138684	38.724	ng	99
34) Hexachlorobutadiene	8.287	225	785037	40.353	ng	99
35) Caprolactam	8.587	113	271427	40.363	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	1009244	39.772	ng	100
37) 2-Methylnaphthalene	8.857	142	2221072	39.574	ng	99
38) 1-Methylnaphthalene	8.957	142	2144714	39.468	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	1252340	39.551	ng	100
41) Hexachlorocyclopentadiene	9.010	237	390131	40.180	ng	100
43) 2,4,6-Trichlorophenol	9.134	196	769958	41.650	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142207.D
 Acq On : 21 Apr 2025 18:12
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042125

Quant Time: Apr 22 02:23:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

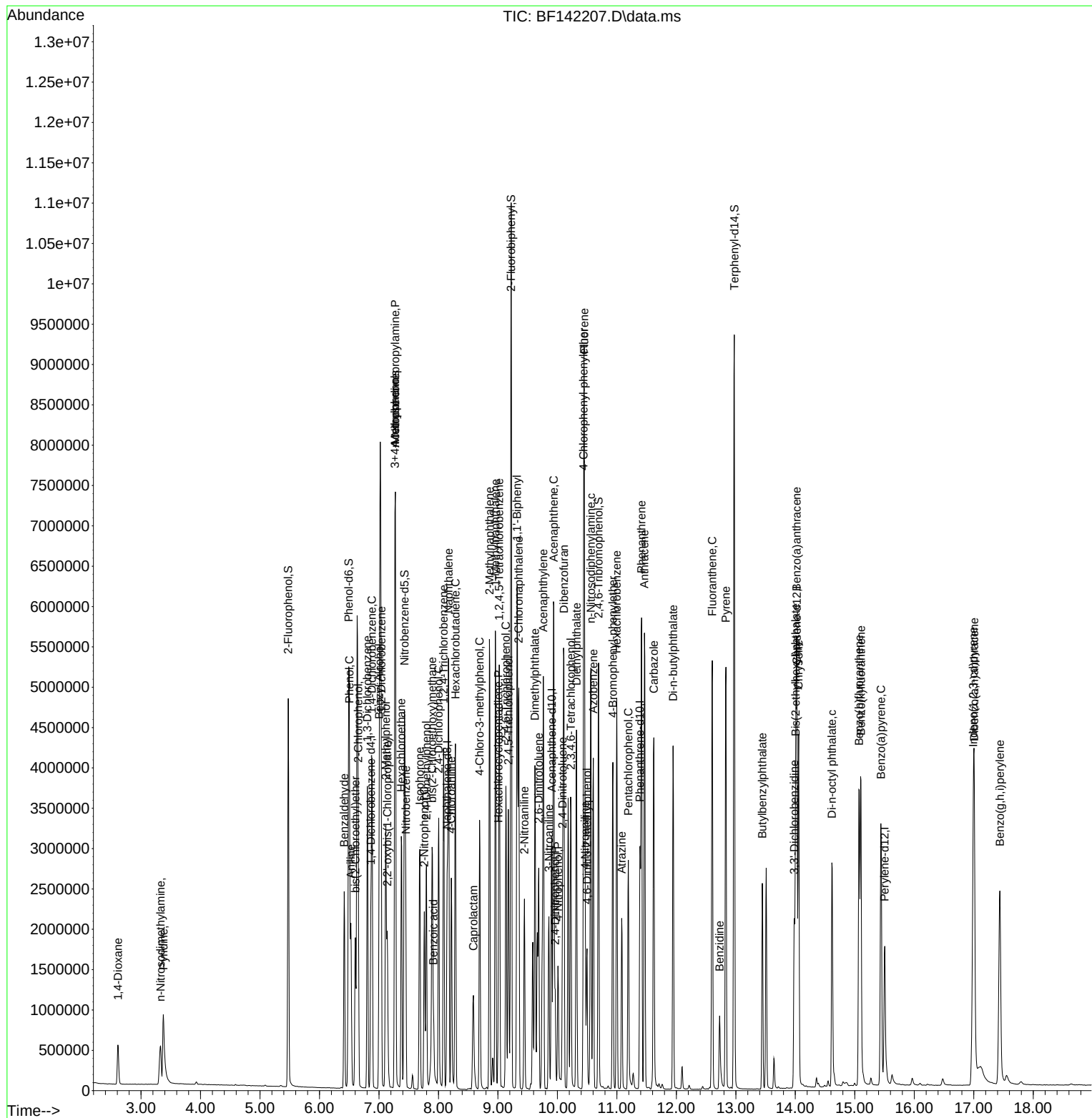
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	804500	40.600	ng	99
46) 1,1'-Biphenyl	9.322	154	2787856	40.174	ng	99
47) 2-Chloronaphthalene	9.351	162	2143104	39.787	ng	99
48) 2-Nitroaniline	9.445	65	512902	40.623	ng	98
49) Acenaphthylene	9.763	152	3097514	40.684	ng	99
50) Dimethylphthalate	9.622	163	2495011	40.211	ng	100
51) 2,6-Dinitrotoluene	9.686	165	559732	40.180	ng	100
52) Acenaphthene	9.939	154	2186739	39.857	ng	99
53) 3-Nitroaniline	9.857	138	523952	39.254	ng	96
54) 2,4-Dinitrophenol	9.963	184	285080	41.783	ng	99
55) Dibenzofuran	10.110	168	3095656	40.248	ng	99
56) 4-Nitrophenol	10.010	139	393347	40.286	ng	99
57) 2,4-Dinitrotoluene	10.086	165	735612	40.884	ng	99
58) Fluorene	10.451	166	2392935	40.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	720730	40.684	ng	98
60) Diethylphthalate	10.322	149	2378709	41.055	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	1304487	39.818	ng	99
62) 4-Nitroaniline	10.469	138	494658	38.989	ng	95
63) Azobenzene	10.604	77	2002528	39.692	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	402642	41.814	ng	99
66) n-Nitrosodiphenylamine	10.563	169	2027400	40.100	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	857590	39.530	ng	99
68) Hexachlorobenzene	10.998	284	1025825	39.734	ng	100
69) Atrazine	11.081	200	427015	34.609	ng	99
70) Pentachlorophenol	11.192	266	548360	41.635	ng	99
71) Phenanthrene	11.416	178	3261562	39.814	ng	100
72) Anthracene	11.463	178	3323644	40.577	ng	99
73) Carbazole	11.622	167	2754209	38.488	ng	100
74) Di-n-butylphthalate	11.945	149	3133657	42.309	ng	100
75) Fluoranthene	12.604	202	3290166	38.639	ng	99
77) Benzidine	12.727	184	653980	50.625	ng	99
78) Pyrene	12.833	202	3208253	40.353	ng	100
80) Butylbenzylphthalate	13.445	149	874716	45.455	ng	99
81) Benzo(a)anthracene	14.022	228	2481966	40.936	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	732492	40.570	ng	100
83) Chrysene	14.057	228	2246623	38.458	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	1190031	46.225	ng	100
85) Di-n-octyl phthalate	14.616	149	2120040	46.495	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	3077410	38.388	ng	99
88) Benzo(b)fluoranthene	15.074	252	2540619	39.633	ng	99
89) Benzo(k)fluoranthene	15.104	252	2429949	38.379	ng	99
90) Benzo(a)pyrene	15.439	252	2268563	39.543	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	2540904	38.855	ng	98
92) Benzo(g,h,i)perylene	17.439	276	2526379	37.091	ng	99

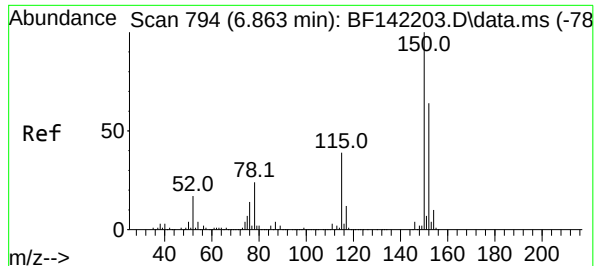
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142207.D
Acq On : 21 Apr 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF042125

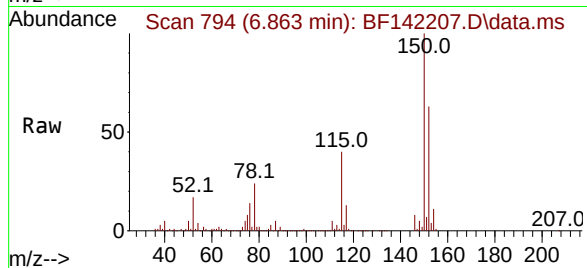
Quant Time: Apr 22 02:23:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



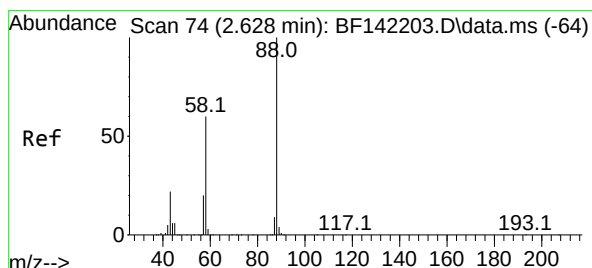
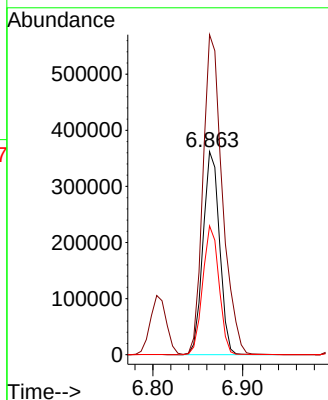
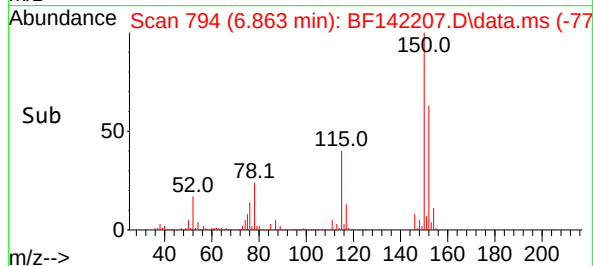


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Instrument :
BNA_F
ClientSampleId :
ICVBF042125

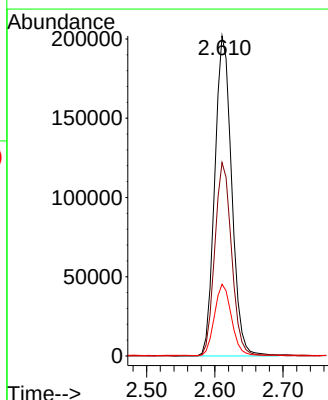
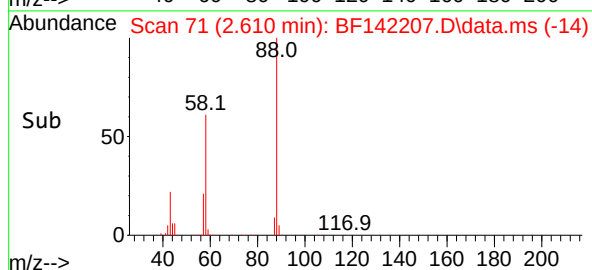
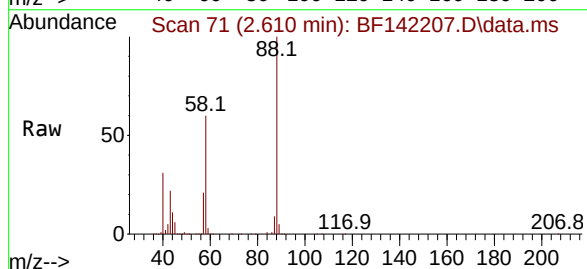


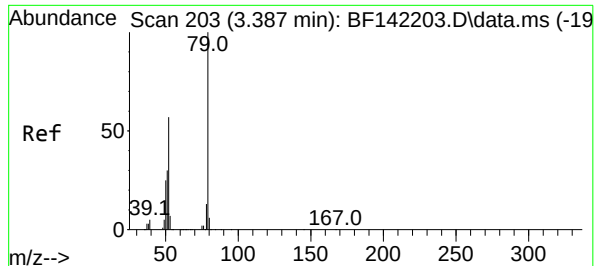
Tgt Ion:152 Resp: 461542
Ion Ratio Lower Upper
152 100
150 157.6 126.4 189.6
115 63.4 49.4 74.2



#2
1,4-Dioxane
Concen: 34.924 ng
RT: 2.610 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion: 88 Resp: 348980
Ion Ratio Lower Upper
88 100
58 60.2 47.8 71.6
43 22.5 17.8 26.8

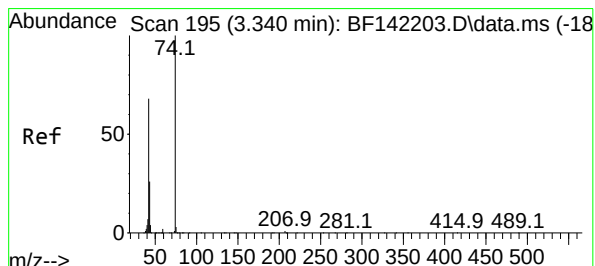
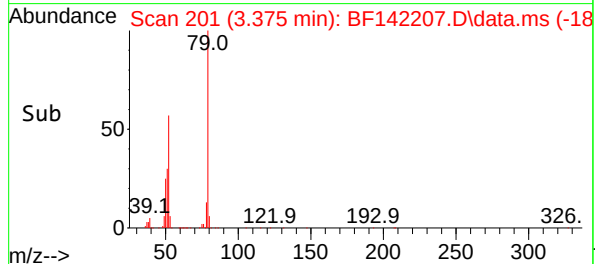
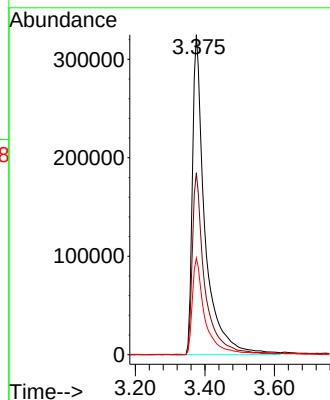
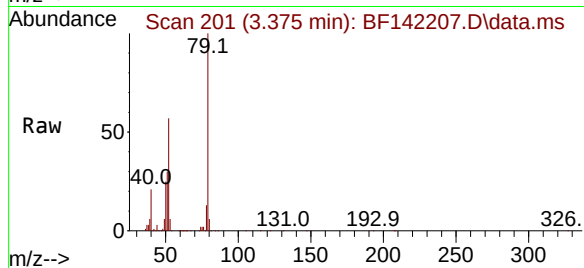




#3
Pyridine
Concen: 37.761 ng
RT: 3.375 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

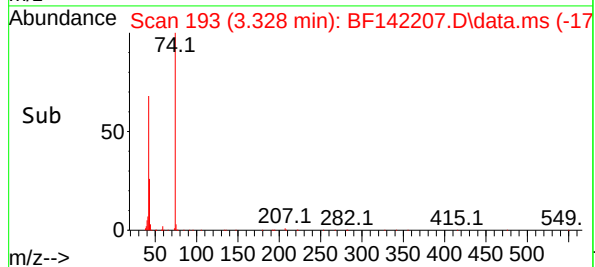
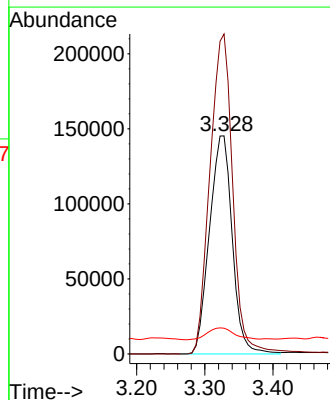
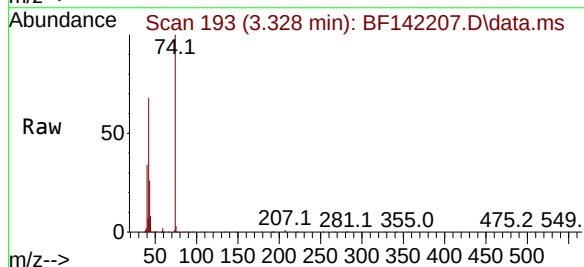
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

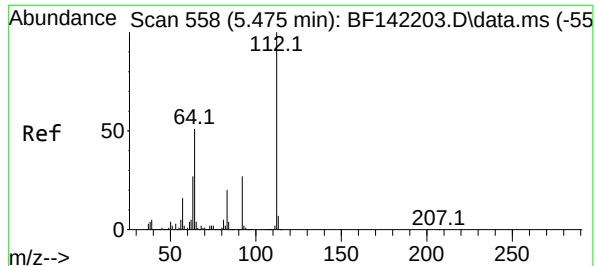
Tgt Ion: 79 Resp: 819004
Ion Ratio Lower Upper
79 100
52 56.8 45.8 68.8
51 30.2 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 38.408 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.012 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion: 42 Resp: 338244
Ion Ratio Lower Upper
42 100
74 146.7 117.4 176.0
44 11.8 9.5 14.3

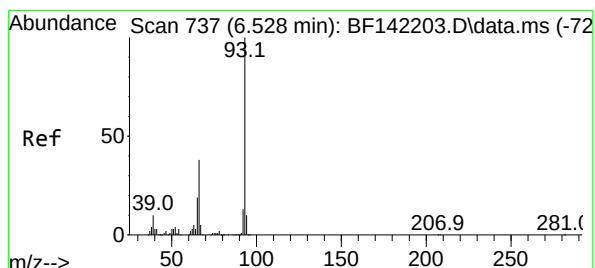
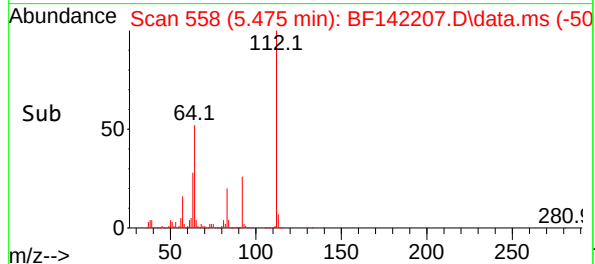
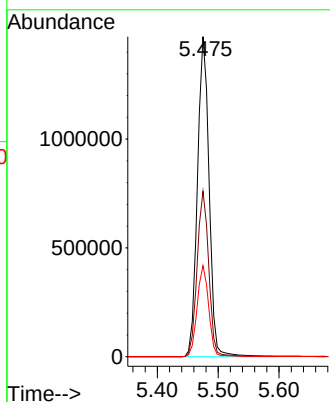
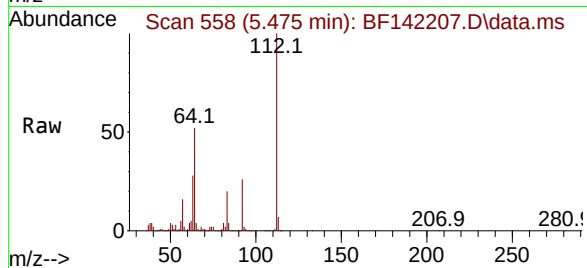




#5
2-Fluorophenol
Concen: 79.451 ng
RT: 5.475 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

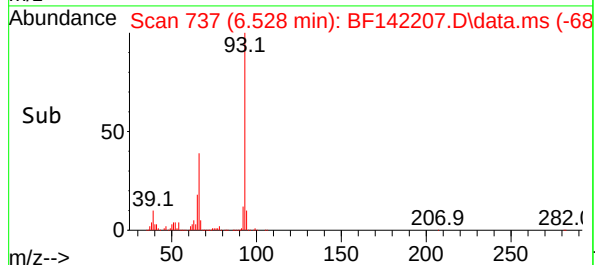
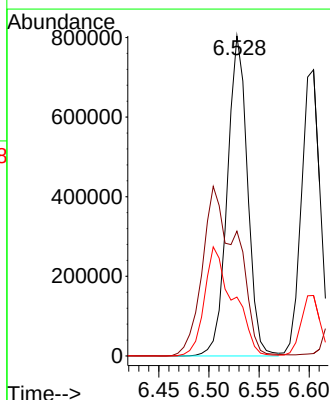
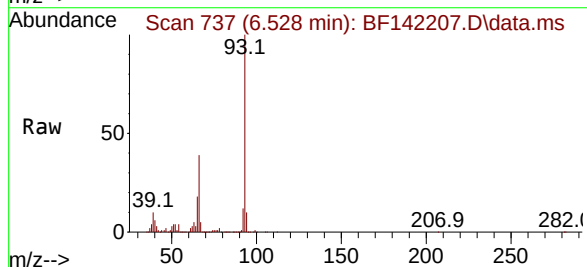
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

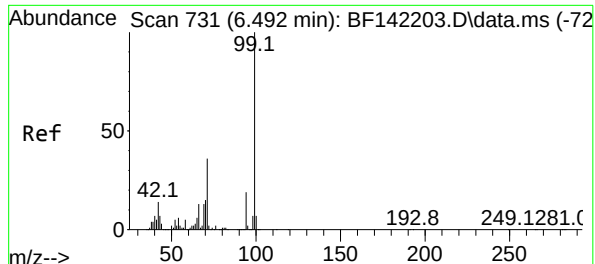
Tgt Ion:112 Resp: 1955894
Ion Ratio Lower Upper
112 100
64 51.7 40.9 61.3
63 28.5 22.0 33.0



#6
Aniline
Concen: 39.617 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion: 93 Resp: 1127792
Ion Ratio Lower Upper
93 100
66 39.0 30.9 46.3
65 18.4 15.1 22.7





#7

Phenol-d6

Concen: 79.298 ng

RT: 6.493 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

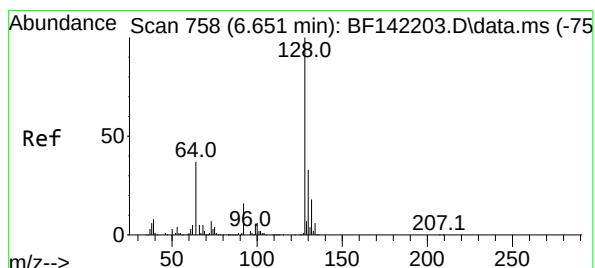
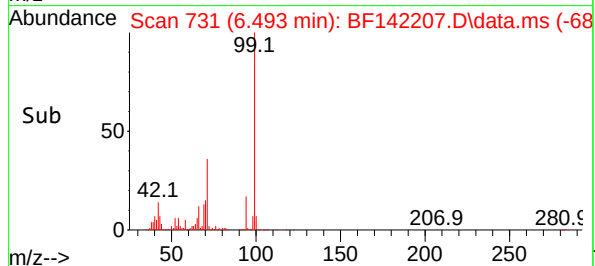
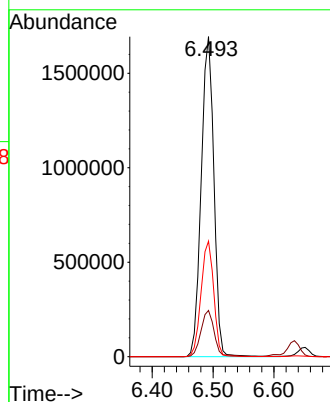
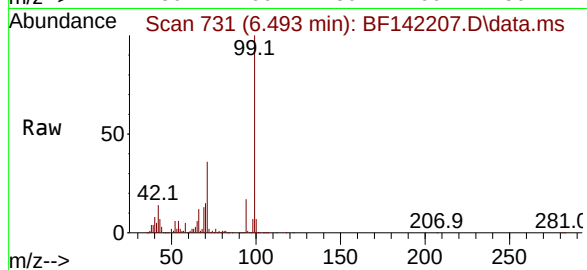
BNA_F

ClientSampleId :

ICVBF042125

Tgt Ion: 99 Resp: 2444776

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.5	17.3
71	36.1	28.6	42.8



#8

2-Chlorophenol

Concen: 39.905 ng

RT: 6.651 min Scan# 758

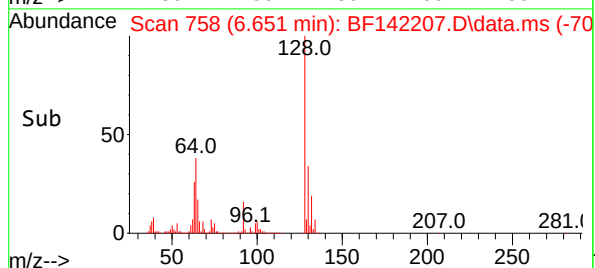
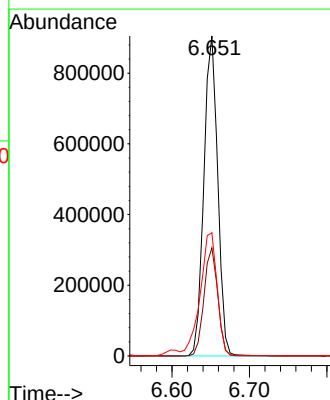
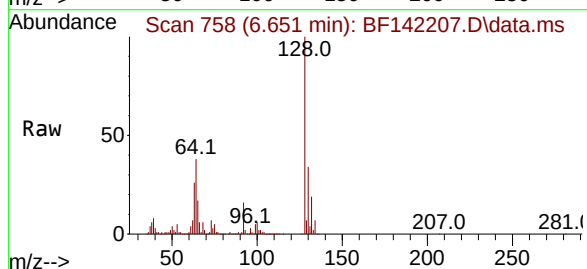
Delta R.T. 0.000 min

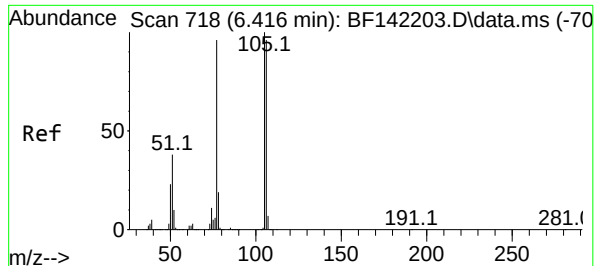
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:128 Resp: 1124478

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.0	53.0
64	38.5	18.8	58.8





#9

Benzaldehyde

Concen: 40.487 ng

RT: 6.416 min Scan# 718

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

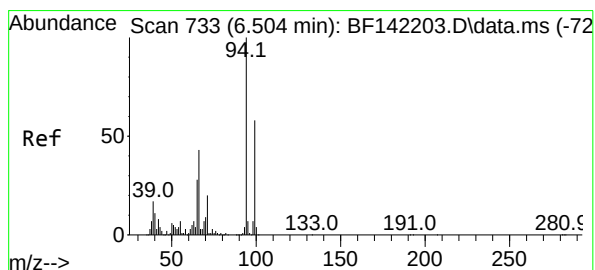
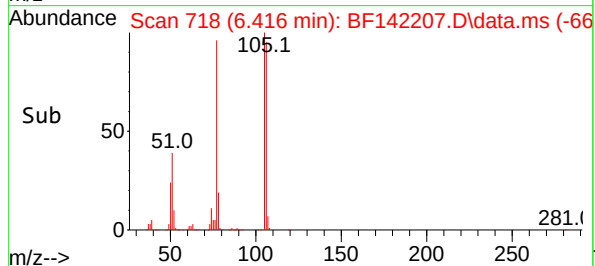
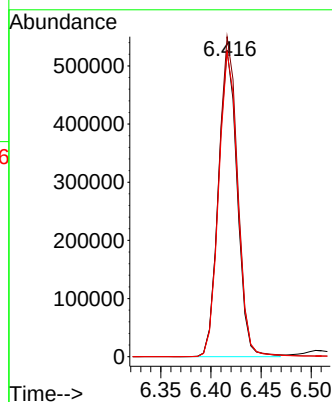
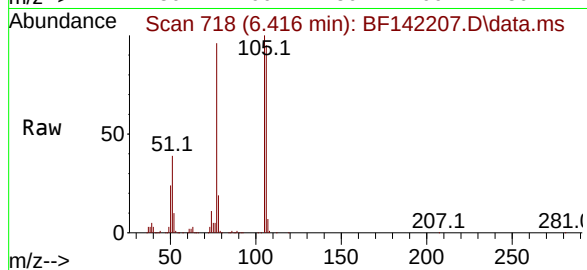
BNA_F

ClientSampleId :

ICVBF042125

Tgt Ion: 77 Resp: 685303

Ion	Ratio	Lower	Upper
77	100		
105	104.4	84.4	124.4
106	99.5	80.3	120.3



#10

Phenol

Concen: 39.672 ng

RT: 6.504 min Scan# 733

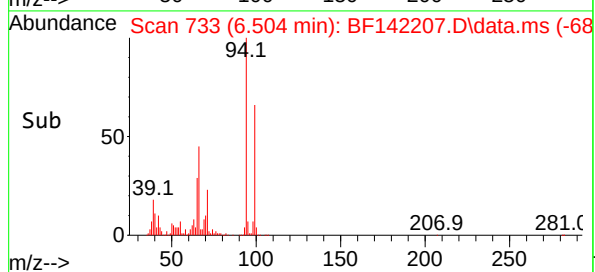
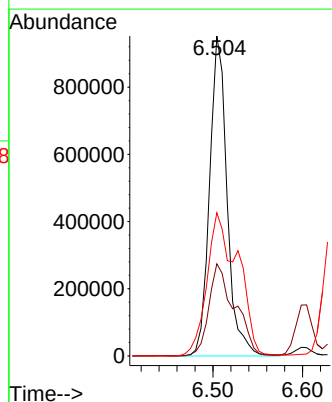
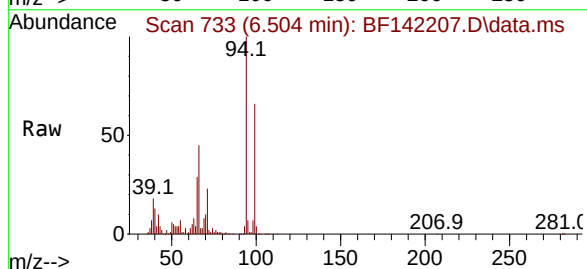
Delta R.T. 0.000 min

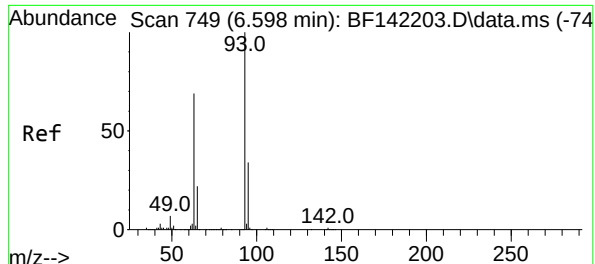
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion: 94 Resp: 1290053

Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.1	48.1
66	44.7	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 37.893 ng

RT: 6.604 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

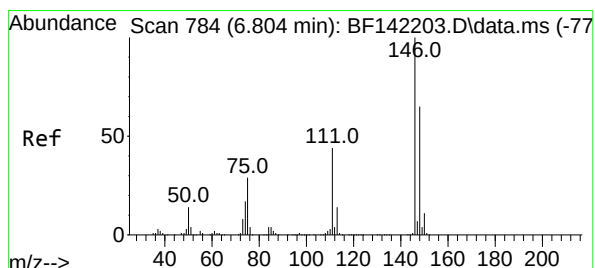
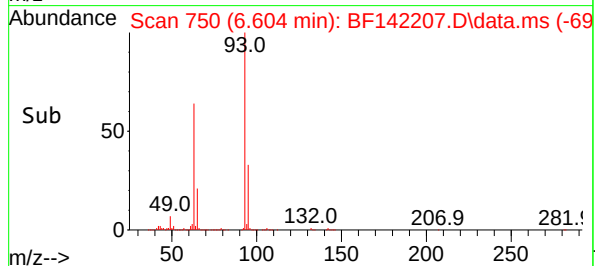
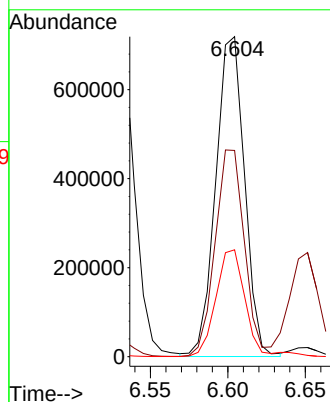
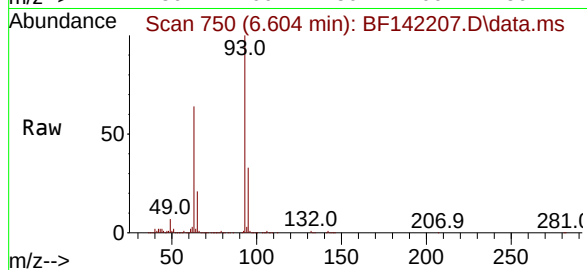
Tgt Ion: 93 Resp: 929239

Ion Ratio Lower Upper

93 100

63 64.5 47.9 87.9

95 33.4 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 39.884 ng

RT: 6.804 min Scan# 784

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

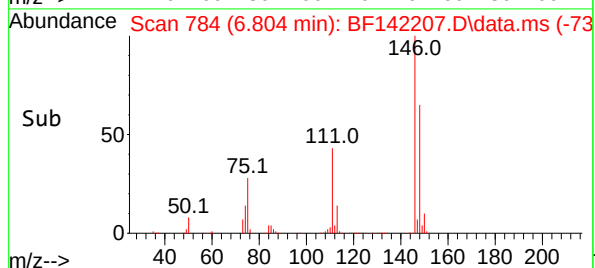
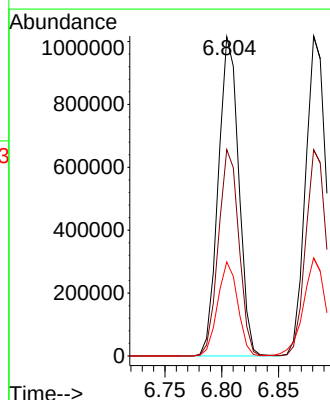
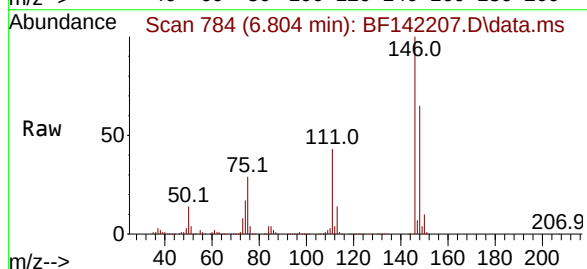
Tgt Ion:146 Resp: 1273566

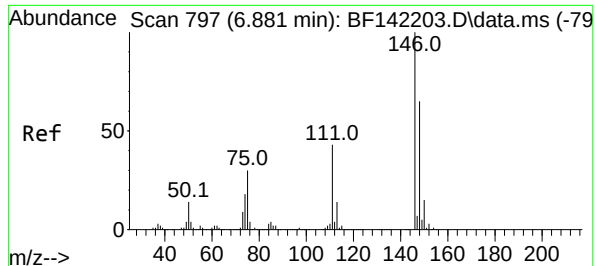
Ion Ratio Lower Upper

146 100

148 64.6 51.7 77.5

75 29.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 39.074 ng

RT: 6.881 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

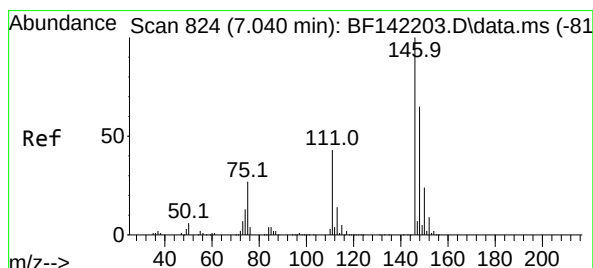
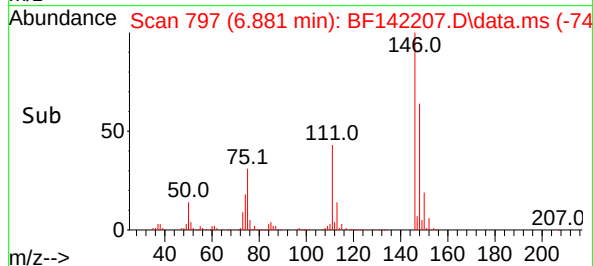
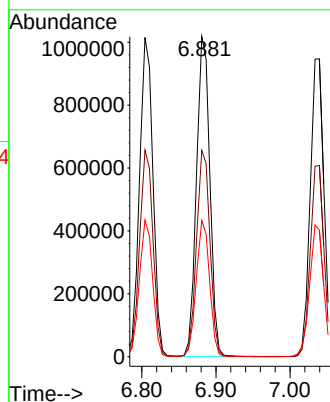
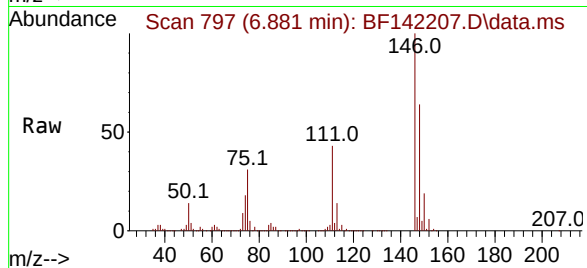
Tgt Ion:146 Resp: 1279692

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

111 42.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 39.736 ng

RT: 7.040 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

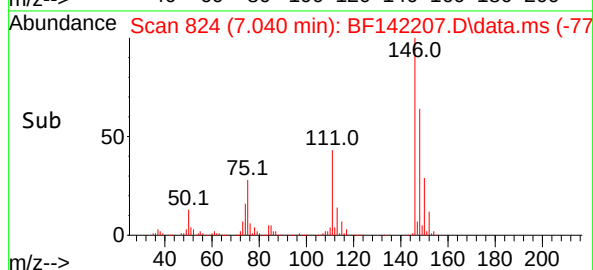
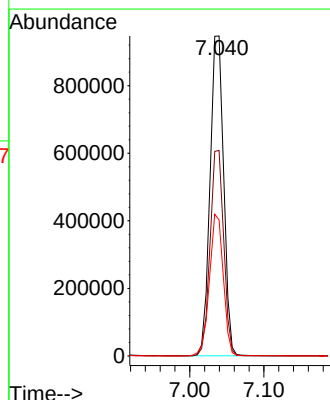
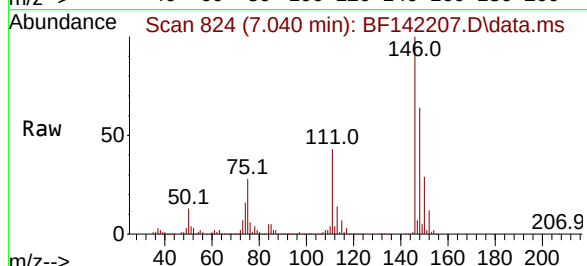
Tgt Ion:146 Resp: 1210661

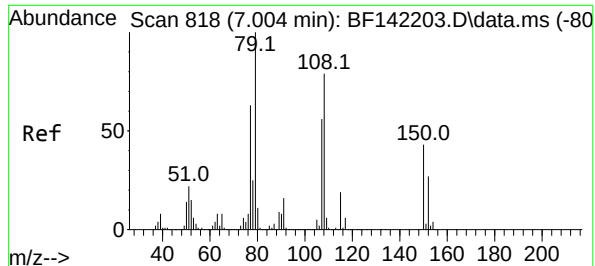
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

111 42.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 41.444 ng

RT: 7.004 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

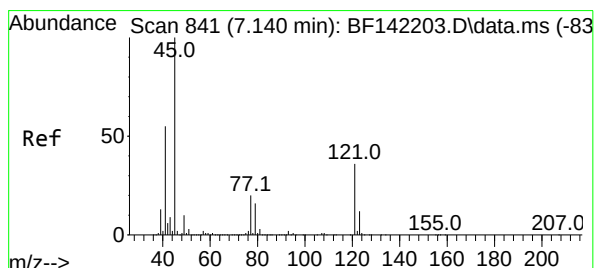
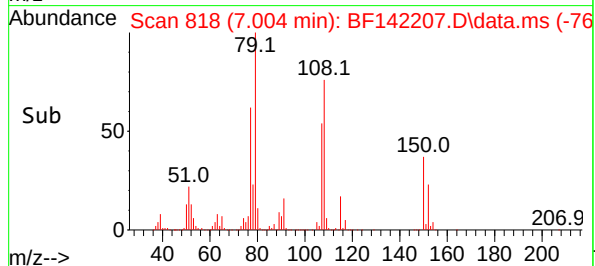
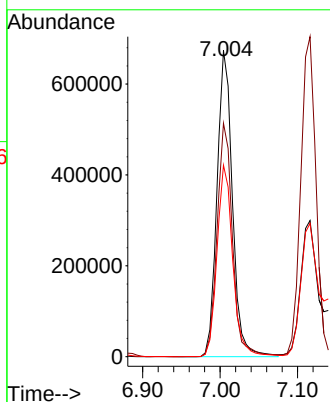
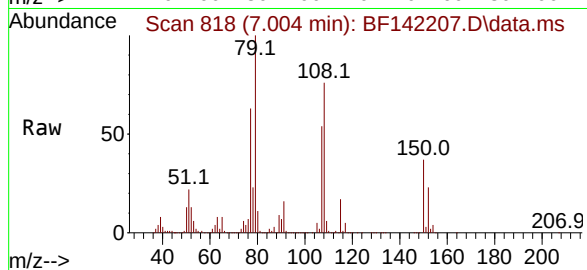
Tgt Ion: 79 Resp: 931634

Ion Ratio Lower Upper

79 100

108 76.2 63.1 94.7

77 62.5 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.695 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

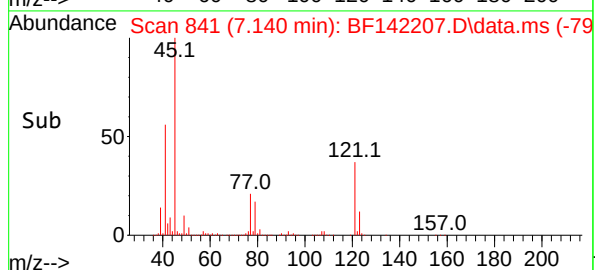
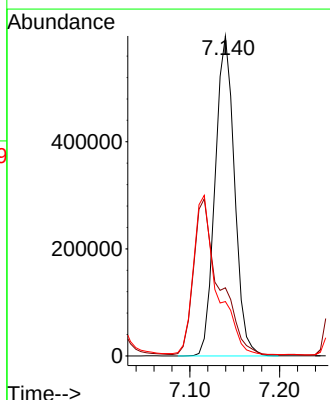
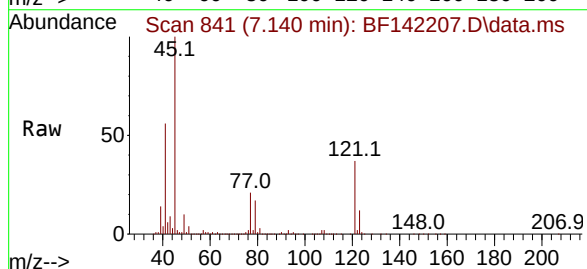
Tgt Ion: 45 Resp: 895979

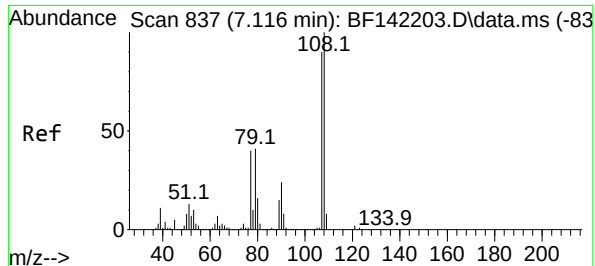
Ion Ratio Lower Upper

45 100

77 21.3 1.4 41.4

79 17.0 0.0 36.7

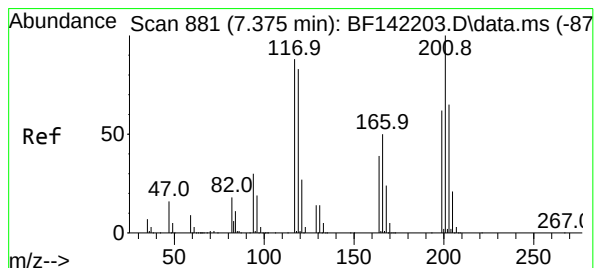
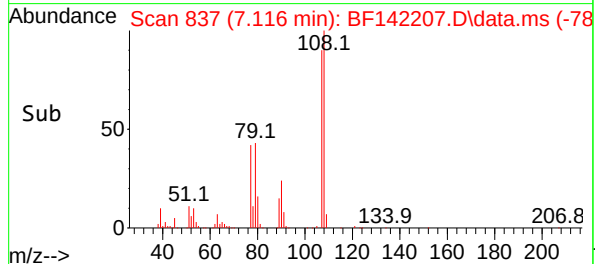
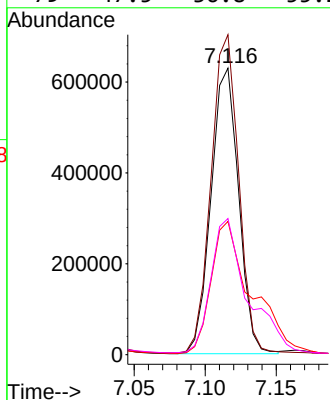
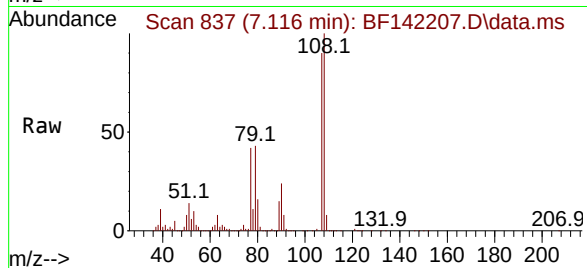




#17
2-Methylphenol
Concen: 40.076 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

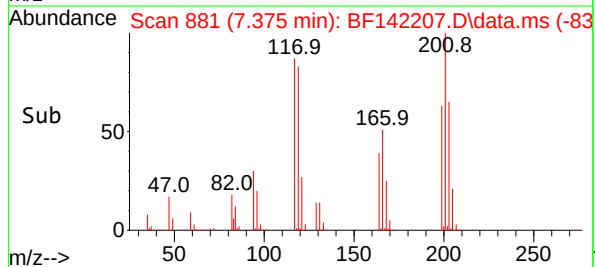
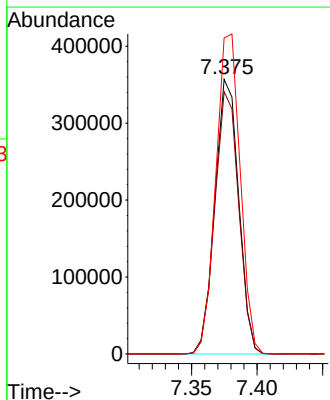
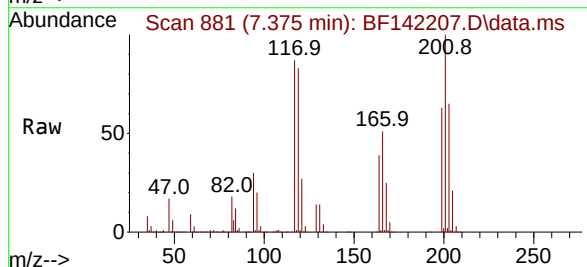
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

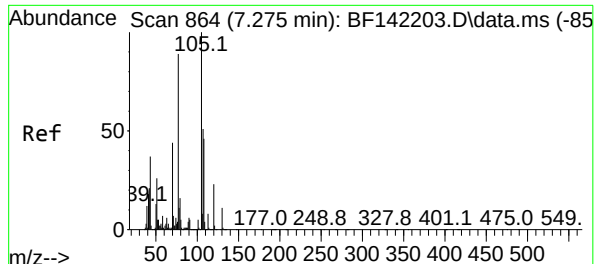
Tgt Ion:107 Resp: 849930
Ion Ratio Lower Upper
107 100
108 111.7 89.4 134.2
77 46.5 36.3 54.5
79 47.5 36.8 55.2



#18
Hexachloroethane
Concen: 40.609 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:117 Resp: 451803
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 115.1 91.4 137.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.129 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

Tgt Ion: 70 Resp: 682166

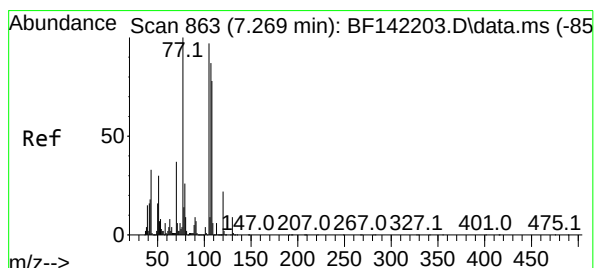
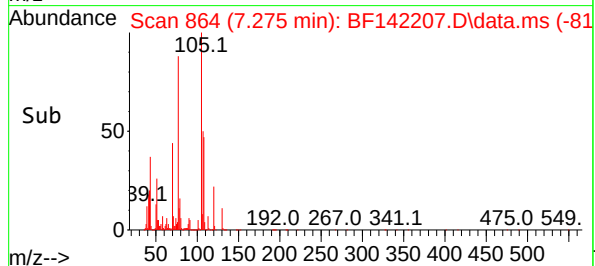
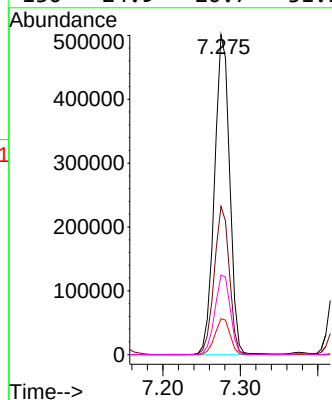
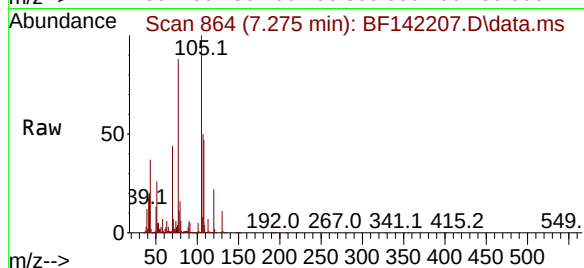
Ion Ratio Lower Upper

70 100

42 46.3 37.4 56.0

101 11.3 8.6 13.0

130 24.9 20.7 31.1



#20

3+4-Methylphenols

Concen: 40.753 ng

RT: 7.269 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion: 107 Resp: 1074921

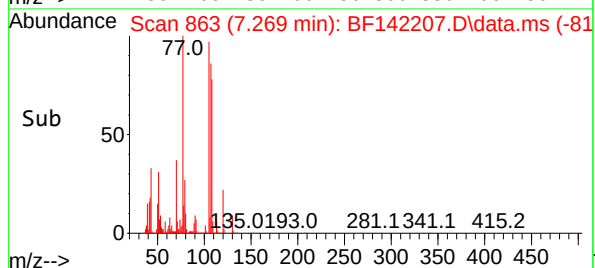
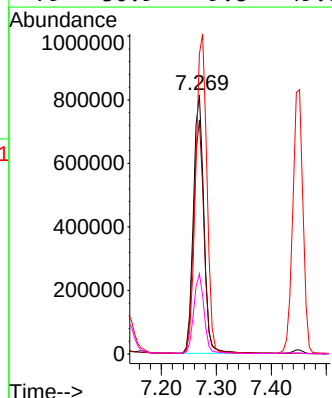
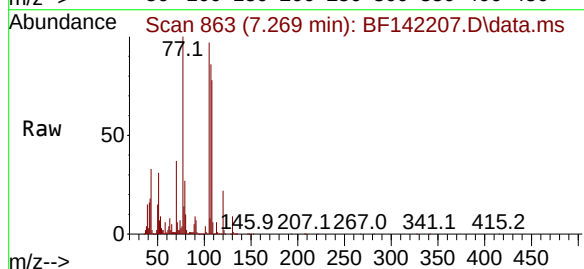
Ion Ratio Lower Upper

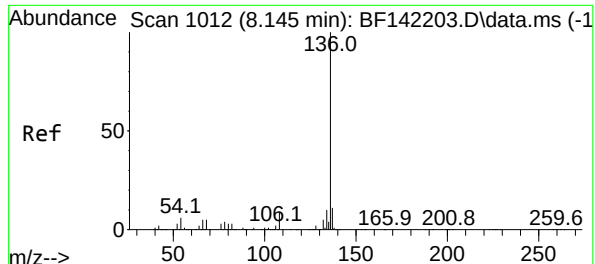
107 100

108 90.4 69.8 109.8

77 115.8 94.5 134.5

79 30.9 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF142207.D

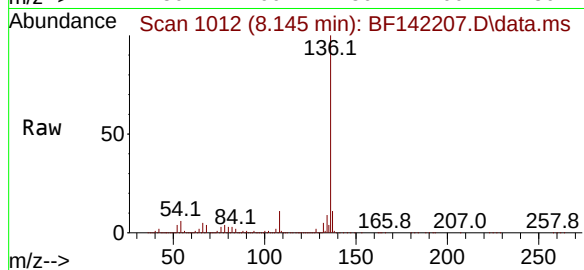
Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125



Tgt Ion:136 Resp: 1719122

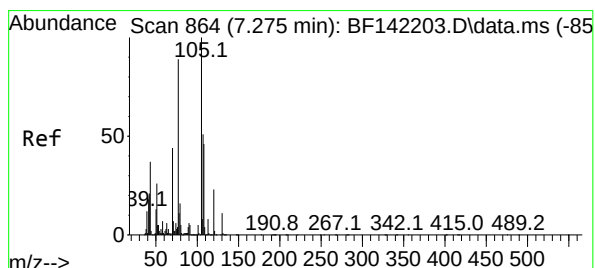
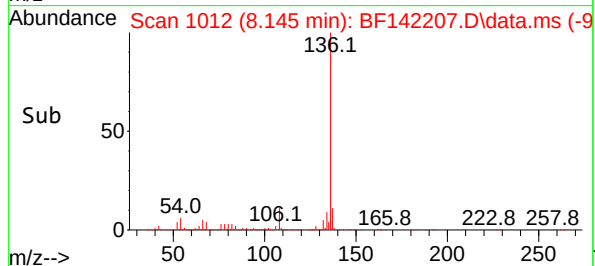
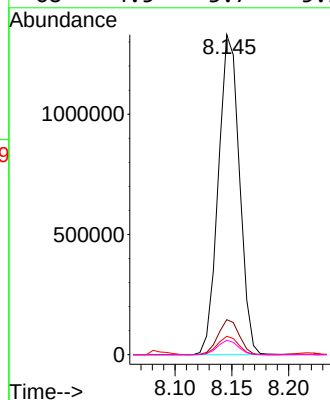
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.8 4.7 7.1

68 4.5 3.7 5.5



#22

Acetophenone

Concen: 39.487 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:105 Resp: 1490022

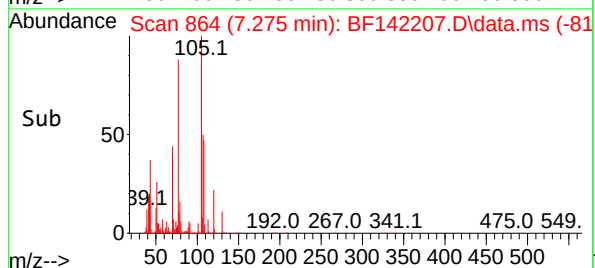
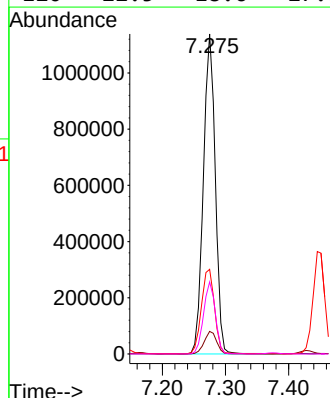
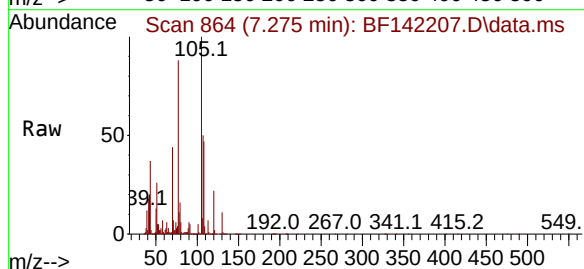
Ion Ratio Lower Upper

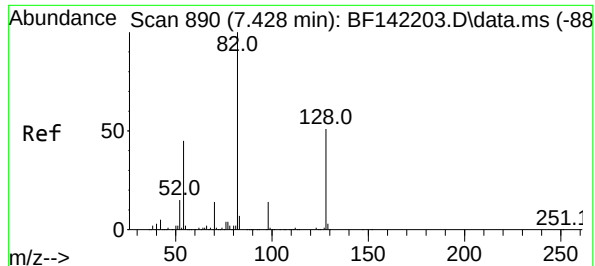
105 100

71 7.0 5.8 8.8

51 26.5 20.9 31.3

120 22.5 18.6 27.8

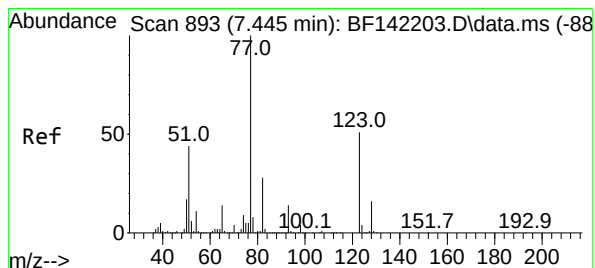
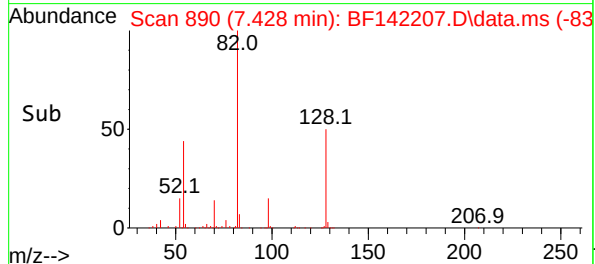
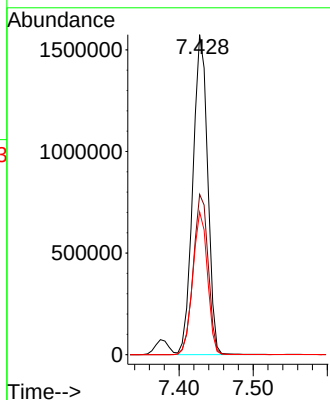
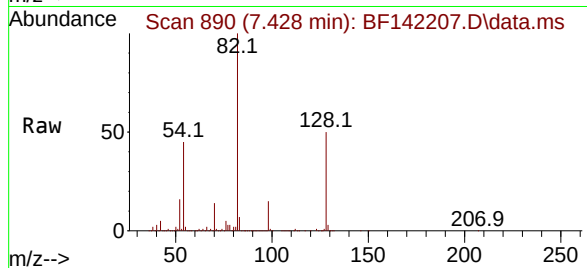




#23
Nitrobenzene-d5
Concen: 79.578 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

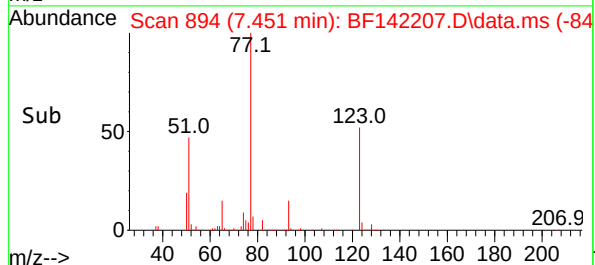
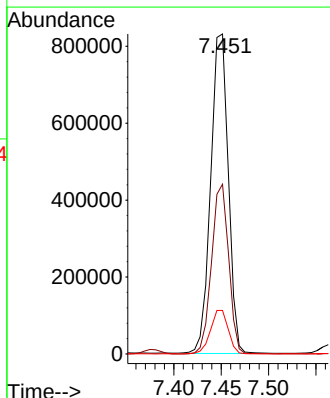
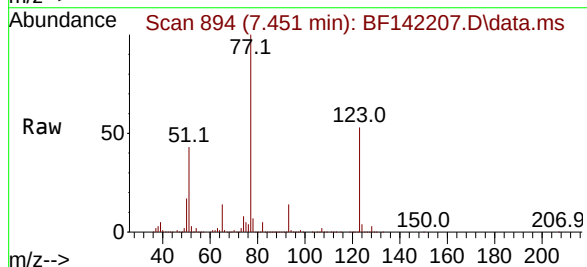
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

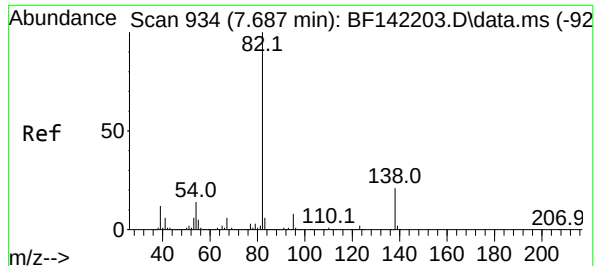
Tgt Ion: 82 Resp: 2178335
Ion Ratio Lower Upper
82 100
128 50.1 40.2 60.2
54 44.6 35.5 53.3



#24
Nitrobenzene
Concen: 39.630 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion: 77 Resp: 1074704
Ion Ratio Lower Upper
77 100
123 53.1 40.7 61.1
65 13.6 10.9 16.3

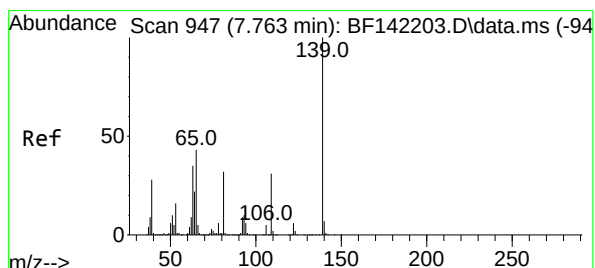
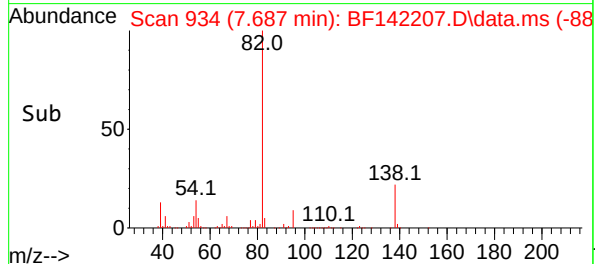
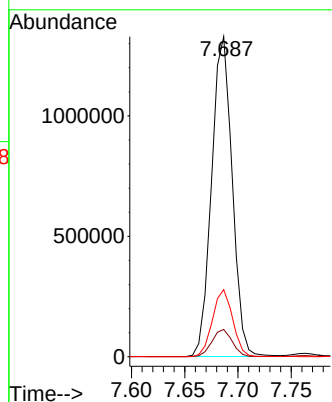
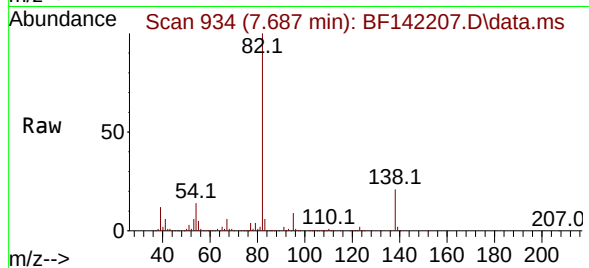




#25
Isophorone
Concen: 38.998 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

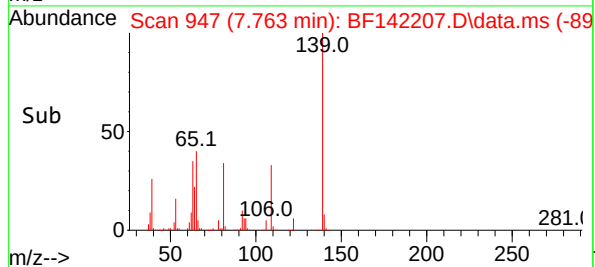
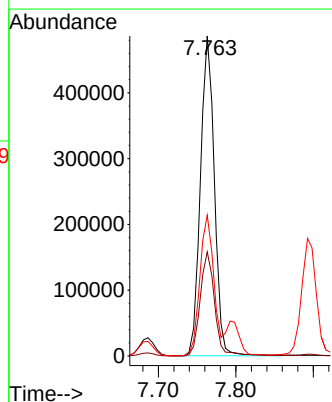
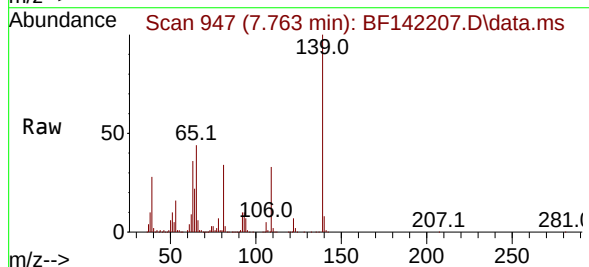
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

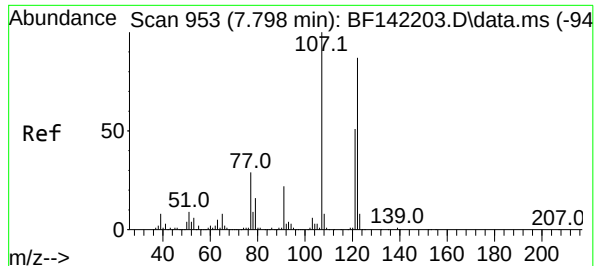
Tgt Ion: 82 Resp: 1791918
Ion Ratio Lower Upper
82 100
95 8.5 6.5 9.7
138 21.0 16.9 25.3



#26
2-Nitrophenol
Concen: 42.652 ng
RT: 7.763 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion: 139 Resp: 607994
Ion Ratio Lower Upper
139 100
109 32.5 24.4 36.6
65 44.0 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 40.209 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

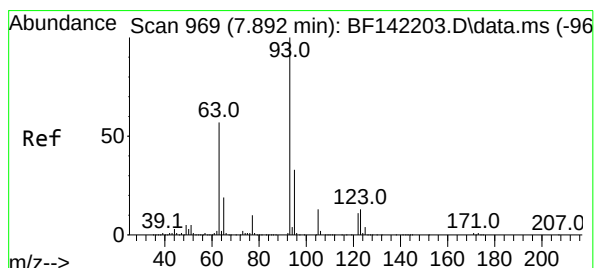
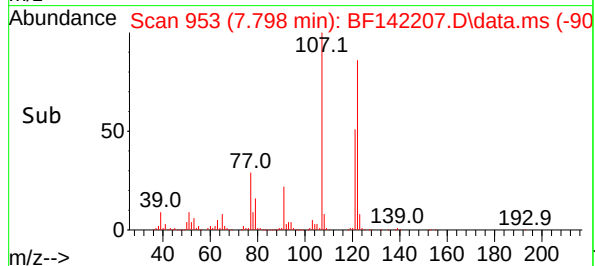
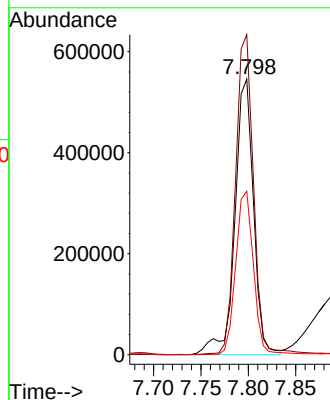
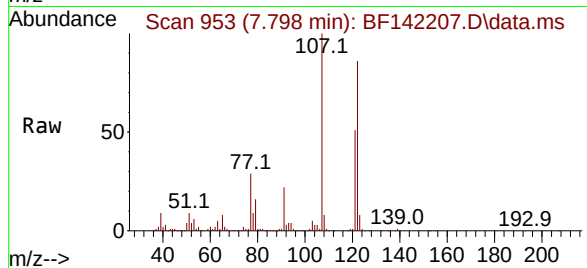
Tgt Ion:122 Resp: 745277

Ion Ratio Lower Upper

122 100

107 116.1 91.6 137.4

121 59.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.380 ng

RT: 7.892 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

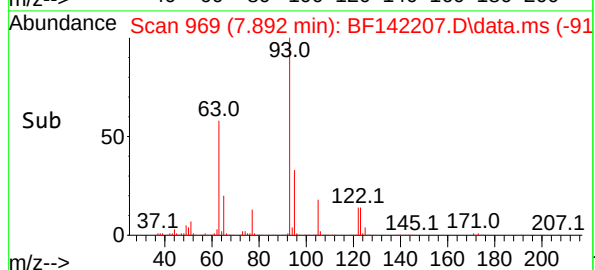
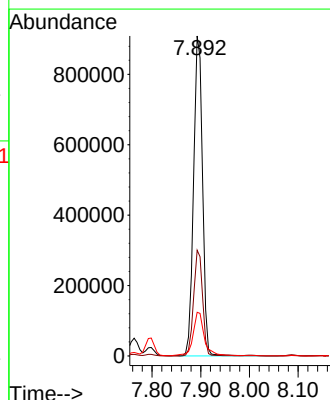
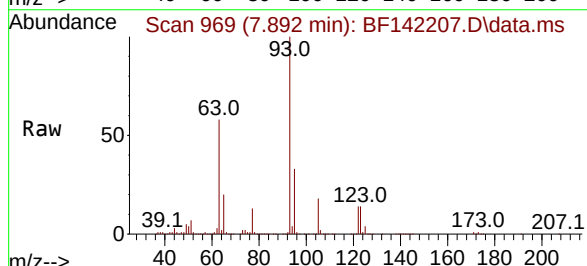
Tgt Ion: 93 Resp: 1157428

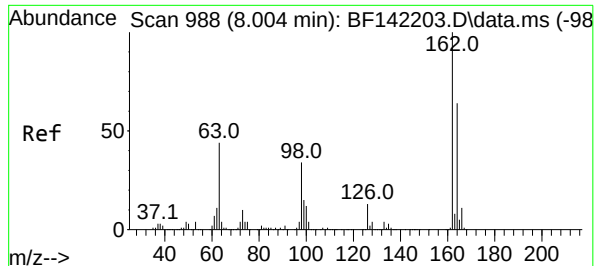
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 13.6 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 40.013 ng

RT: 8.004 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

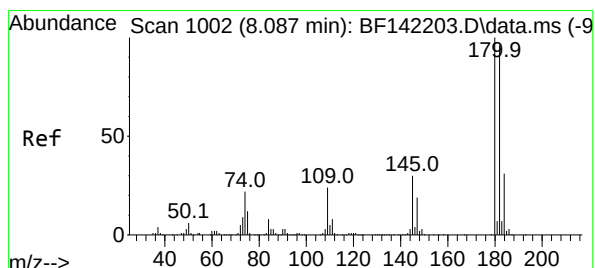
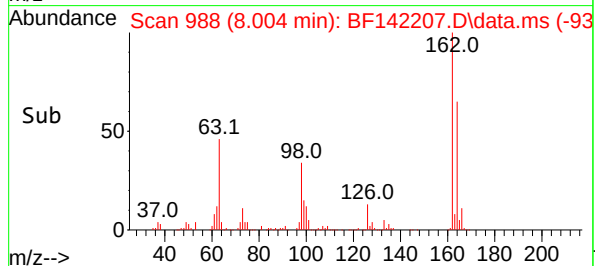
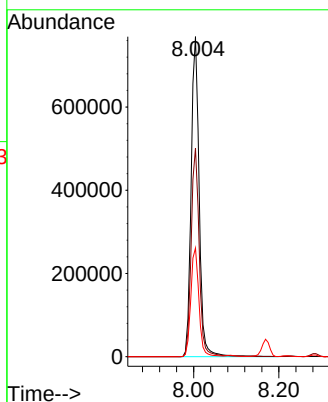
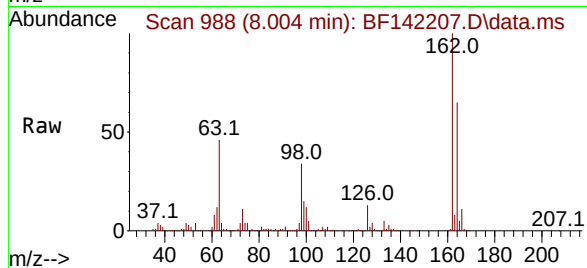
Tgt Ion:162 Resp: 1008665

Ion Ratio Lower Upper

162 100

164 65.2 44.2 84.2

98 34.0 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 39.295 ng

RT: 8.087 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

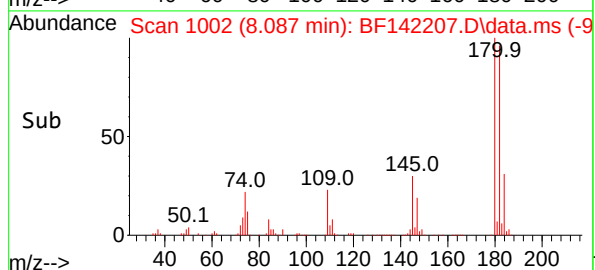
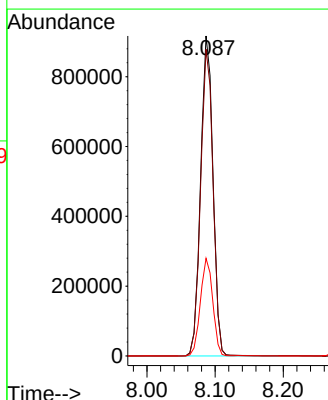
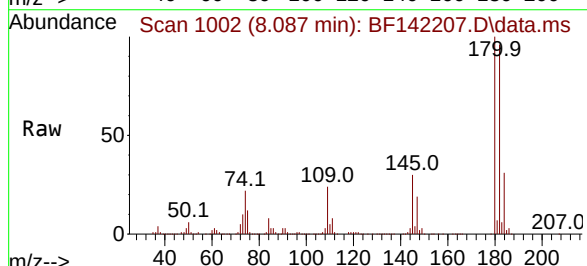
Tgt Ion:180 Resp: 1158390

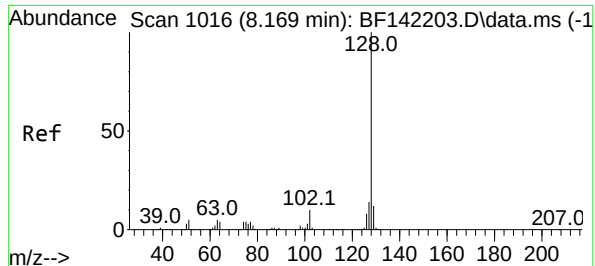
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 30.5 24.3 36.5

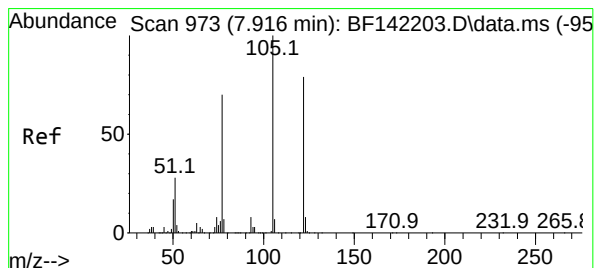
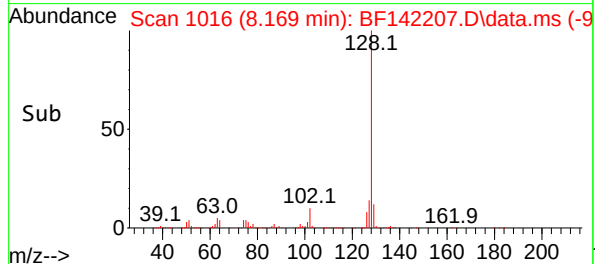
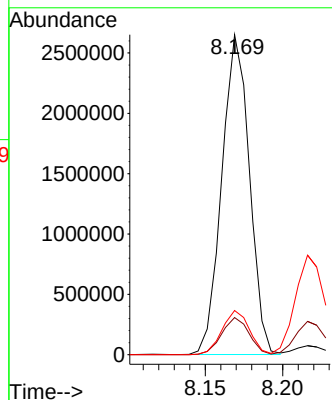
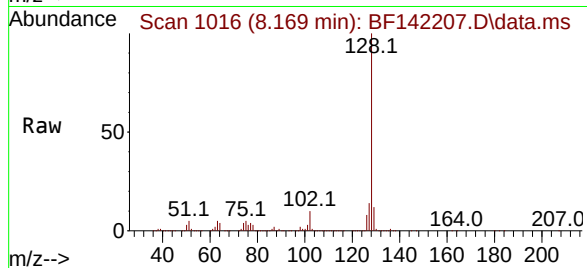




#31
Naphthalene
Concen: 40.444 ng
RT: 8.169 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

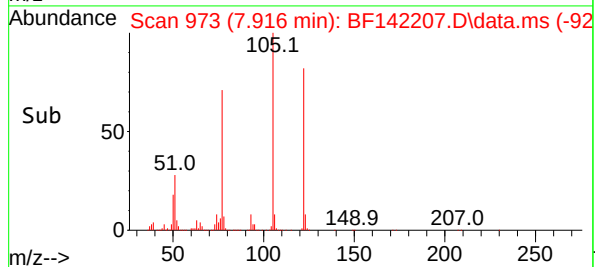
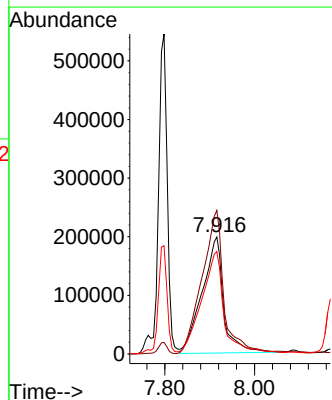
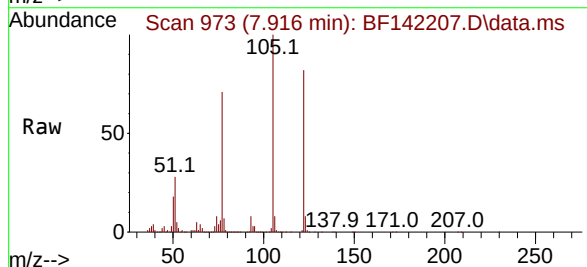
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

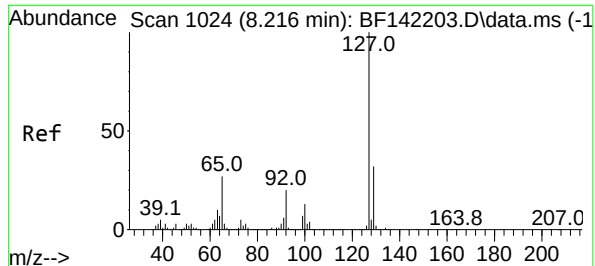
Tgt Ion:128 Resp: 3284422
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 39.705 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:122 Resp: 656470
Ion Ratio Lower Upper
122 100
105 122.6 101.5 141.5
77 87.5 66.6 106.6





#33

4-Chloroaniline

Concen: 38.724 ng

RT: 8.216 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

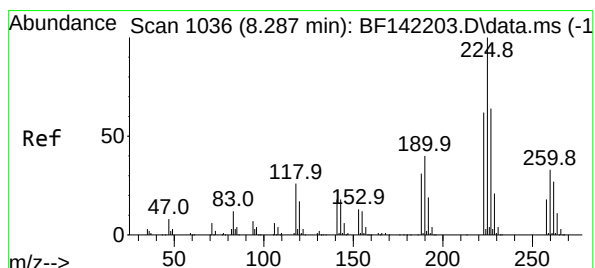
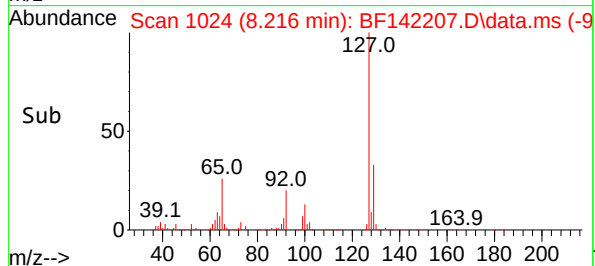
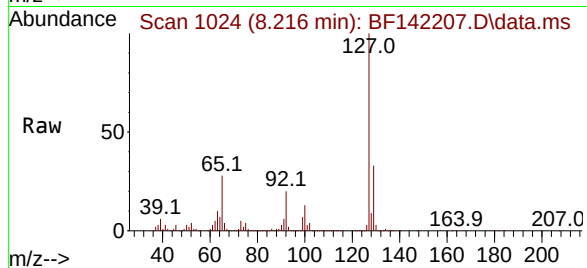
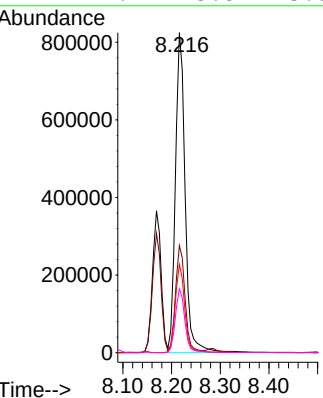
BNA_F

ClientSampleId :

ICVBF042125

Tgt Ion:127 Resp: 1138684

Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	27.5	21.8	32.6
92	19.9	15.8	23.6



#34

Hexachlorobutadiene

Concen: 40.353 ng

RT: 8.287 min Scan# 1036

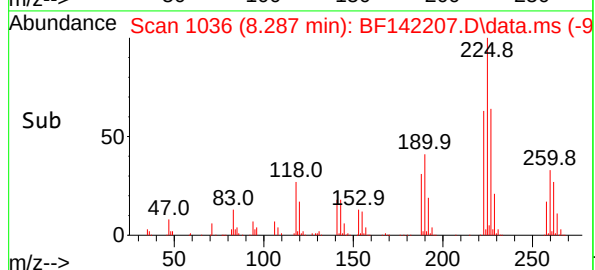
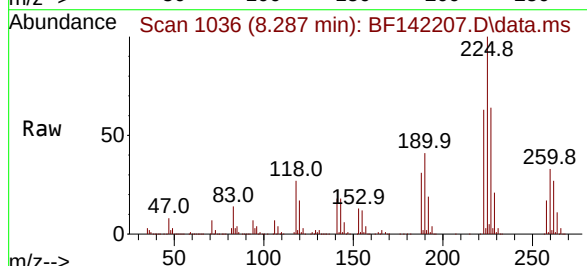
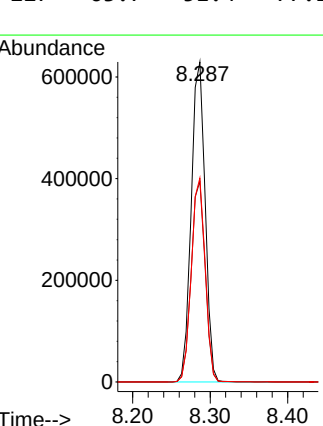
Delta R.T. 0.000 min

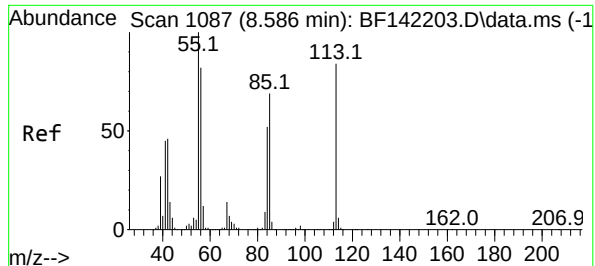
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:225 Resp: 785037

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	63.7	51.4	77.2

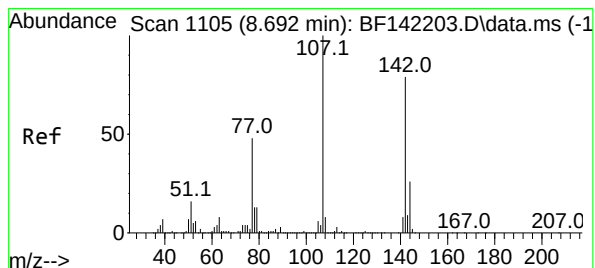
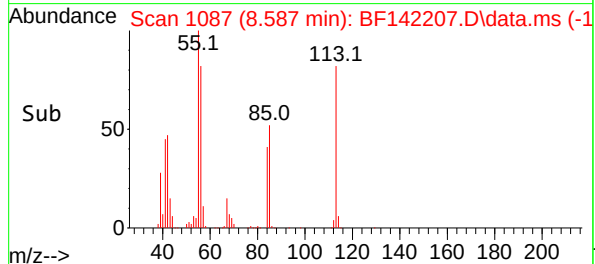
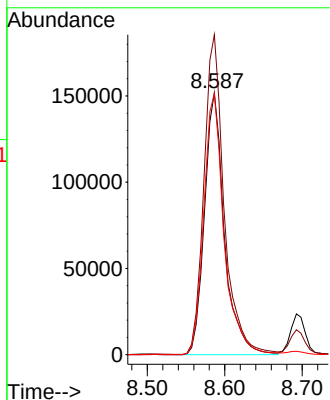
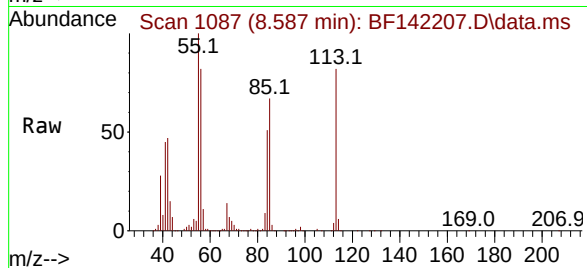




#35
Caprolactam
Concen: 40.363 ng
RT: 8.587 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

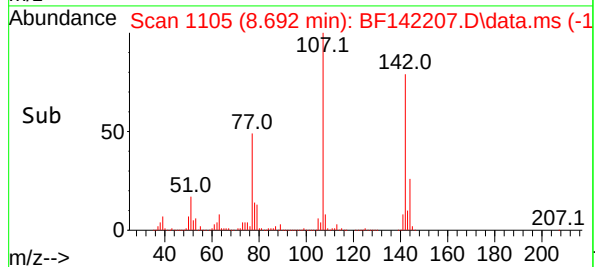
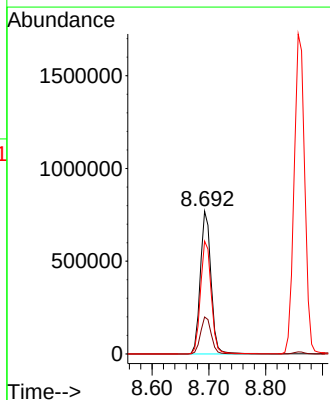
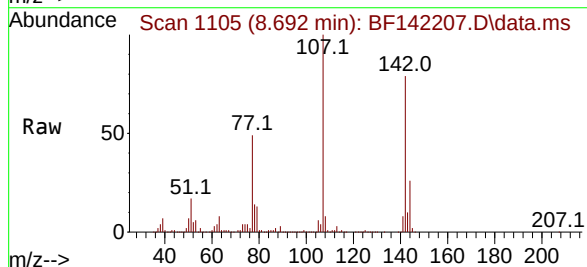
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

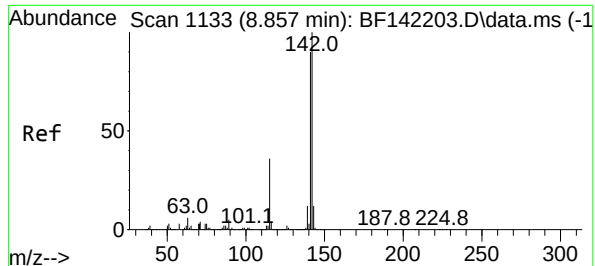
Tgt Ion:113 Resp: 271427
Ion Ratio Lower Upper
113 100
55 122.2 99.5 139.5
56 99.7 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 39.772 ng
RT: 8.692 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:107 Resp: 1009244
Ion Ratio Lower Upper
107 100
144 25.9 20.6 30.8
142 79.1 63.2 94.8

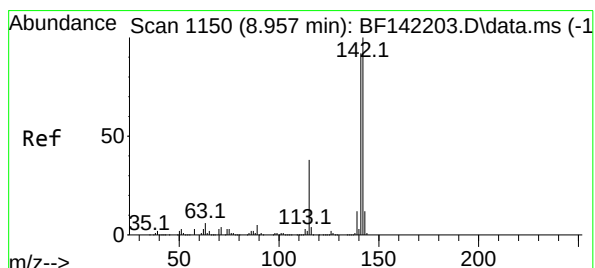
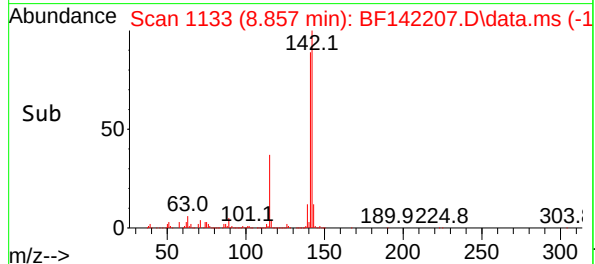
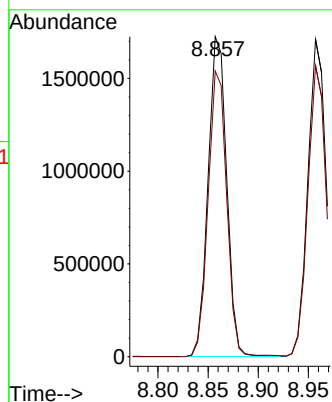
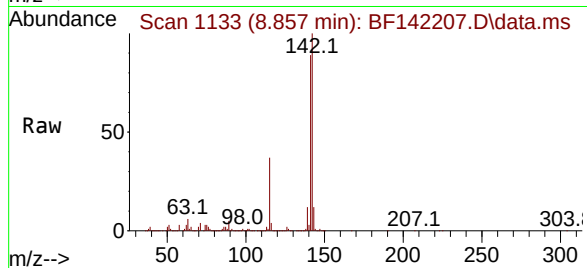




#37
2-Methylnaphthalene
Concen: 39.574 ng
RT: 8.857 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

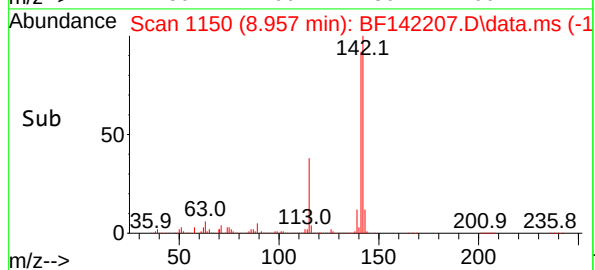
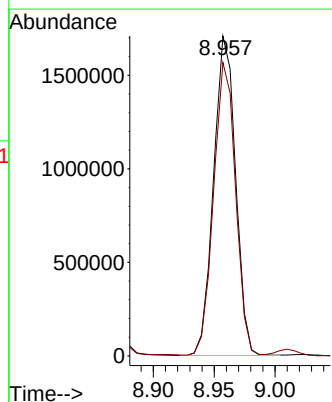
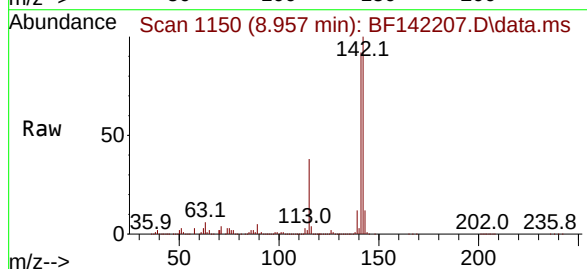
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

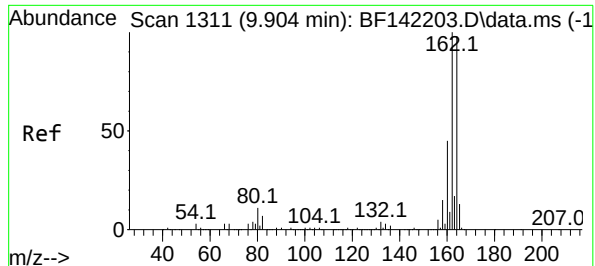
Tgt Ion:142 Resp: 2221072
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9



#38
1-Methylnaphthalene
Concen: 39.468 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:142 Resp: 2144714
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

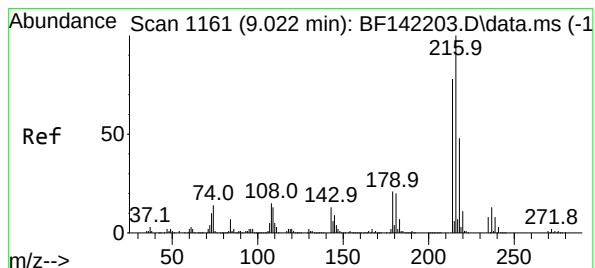
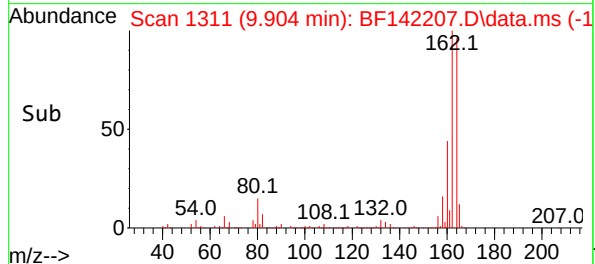
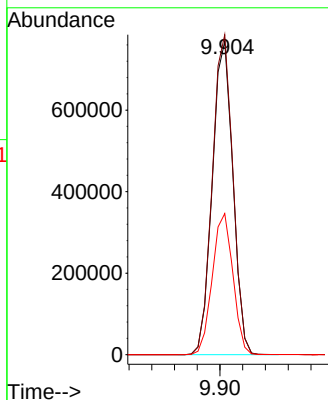
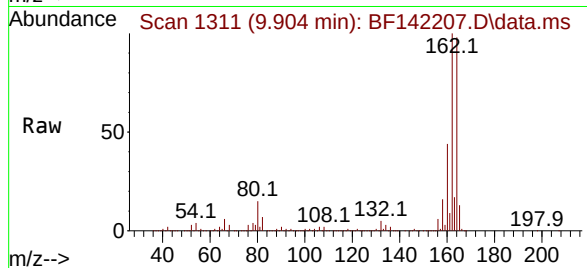




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

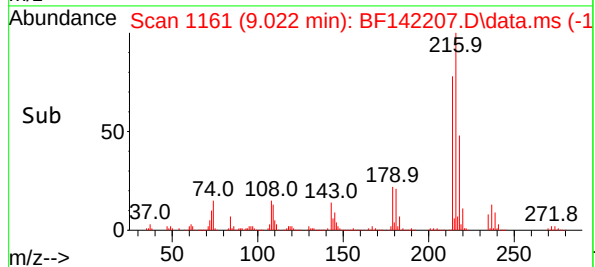
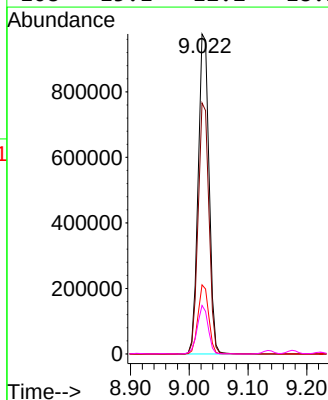
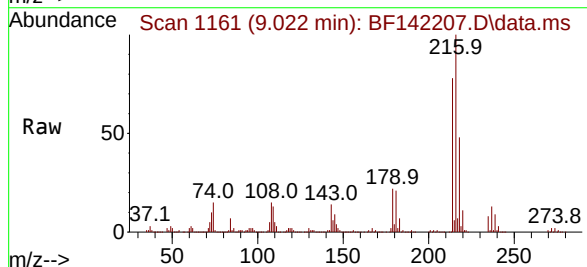
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

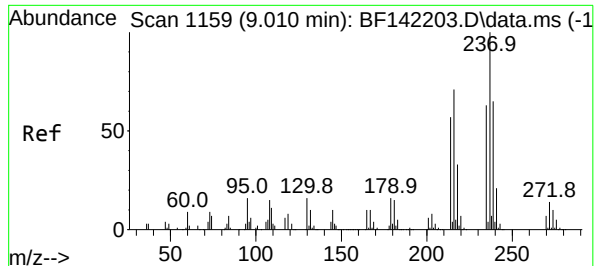
Tgt Ion:164 Resp: 967738
Ion Ratio Lower Upper
164 100
162 102.1 81.9 122.9
160 45.1 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.551 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:216 Resp: 1252340
Ion Ratio Lower Upper
216 100
214 78.3 62.7 94.1
179 21.2 16.7 25.1
108 15.1 12.2 18.2

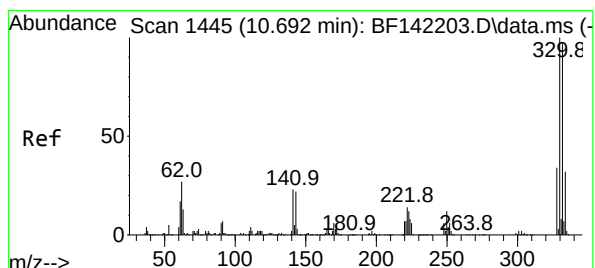
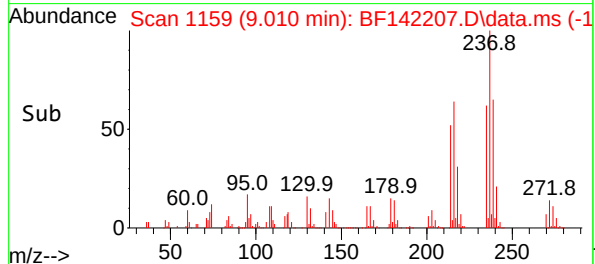
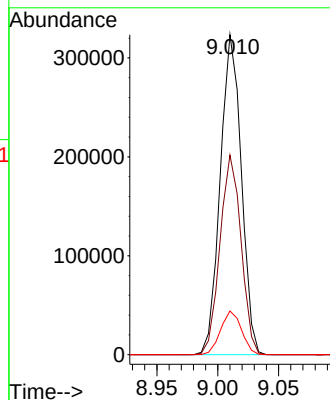
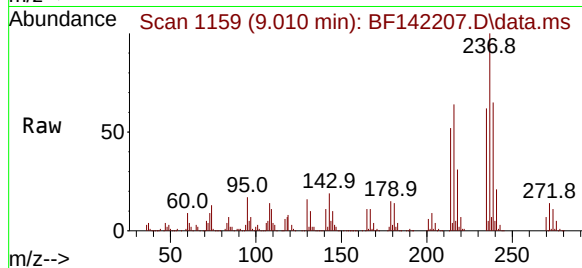




#41
Hexachlorocyclopentadiene
Concen: 40.180 ng
RT: 9.010 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

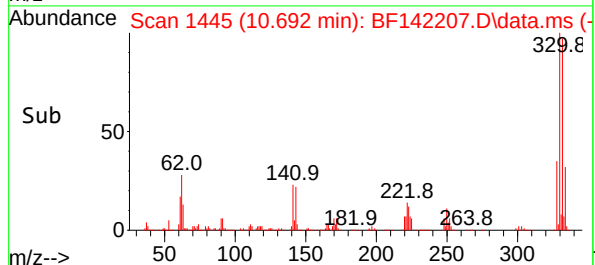
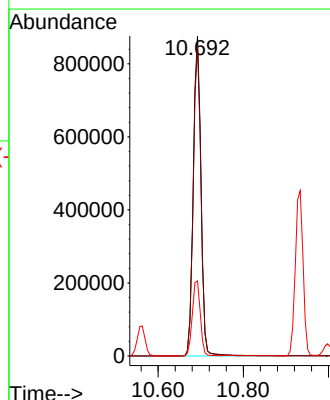
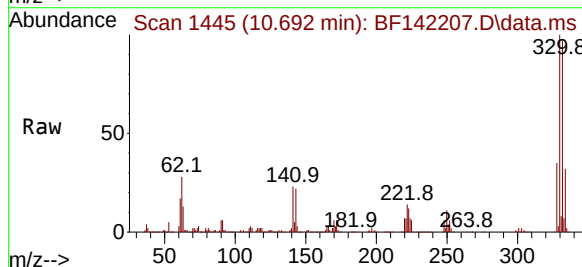
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

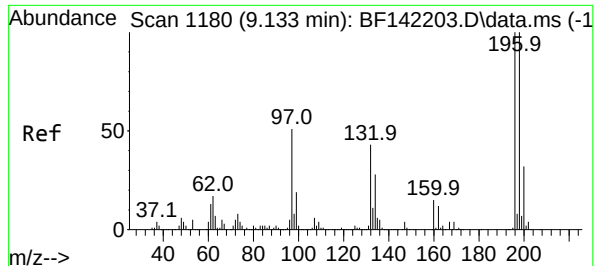
Tgt Ion:237 Resp: 390131
Ion Ratio Lower Upper
237 100
235 62.4 42.6 82.6
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 83.314 ng
RT: 10.692 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:330 Resp: 1102365
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 24.5 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 41.650 ng

RT: 9.134 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

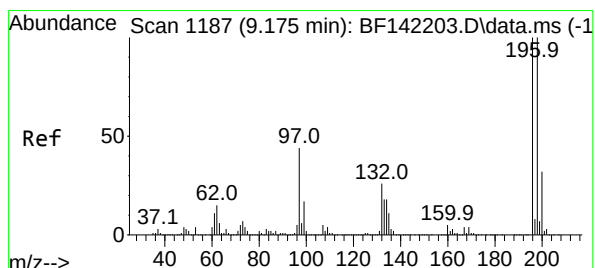
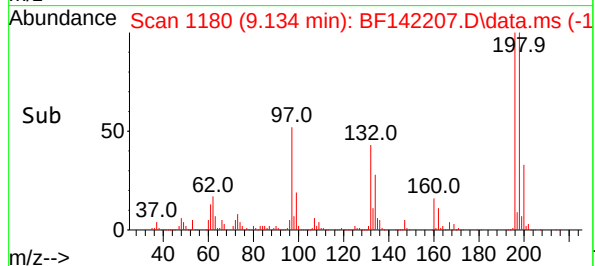
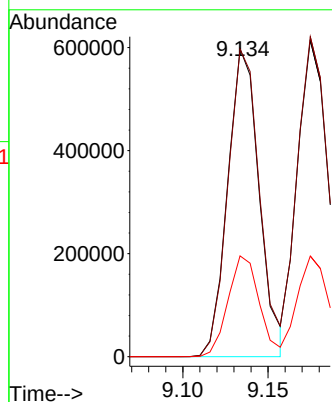
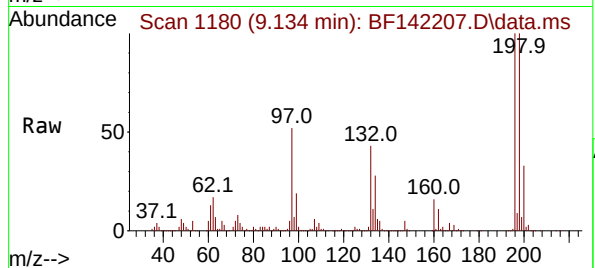
Tgt Ion:196 Resp: 769958

Ion Ratio Lower Upper

196 100

198 99.8 80.0 120.0

200 32.7 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 40.600 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:196 Resp: 804500

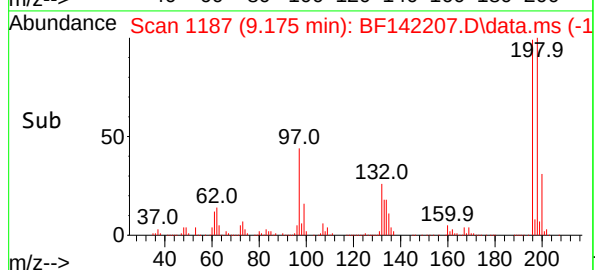
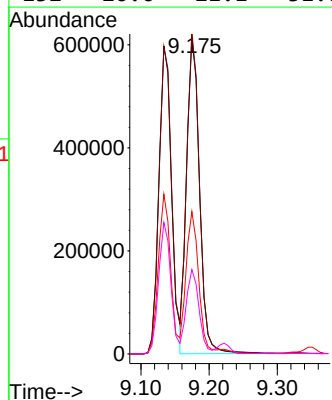
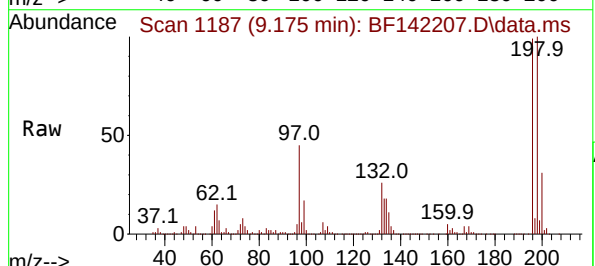
Ion Ratio Lower Upper

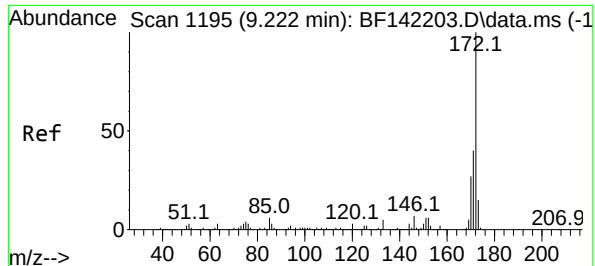
196 100

198 101.1 80.0 120.0

97 45.0 35.9 53.9

132 26.6 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 78.171 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

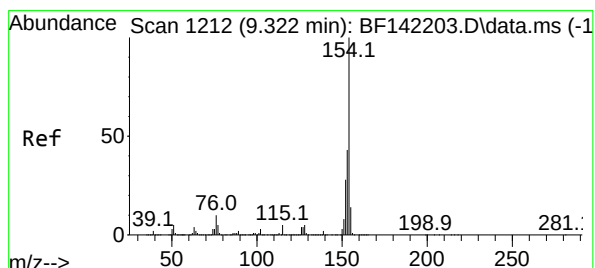
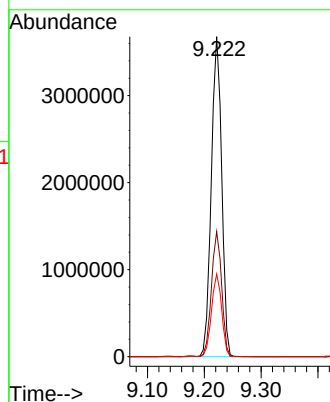
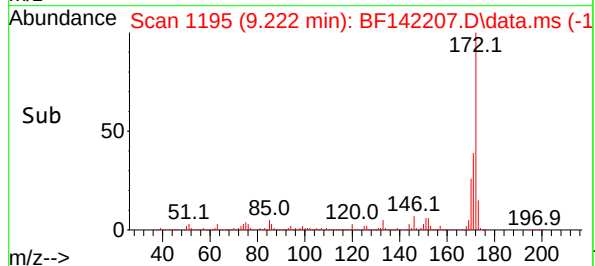
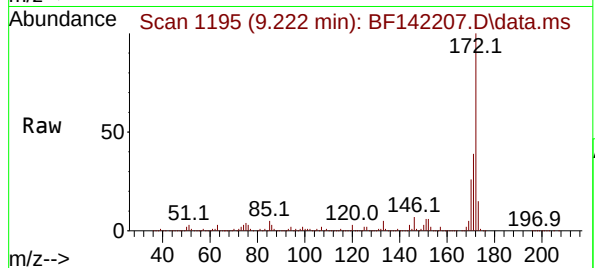
Tgt Ion:172 Resp: 4641250

Ion Ratio Lower Upper

172 100

171 39.1 32.1 48.1

170 25.8 21.4 32.0



#46

1,1'-Biphenyl

Concen: 40.174 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

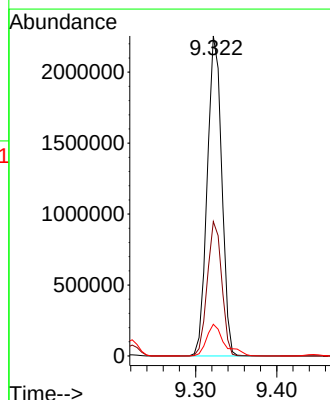
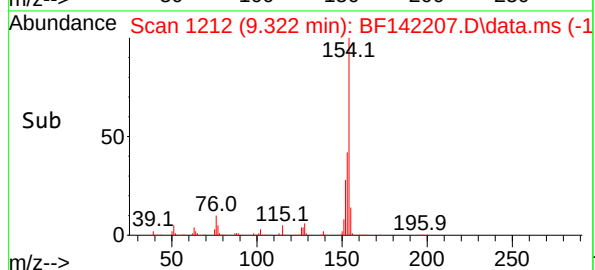
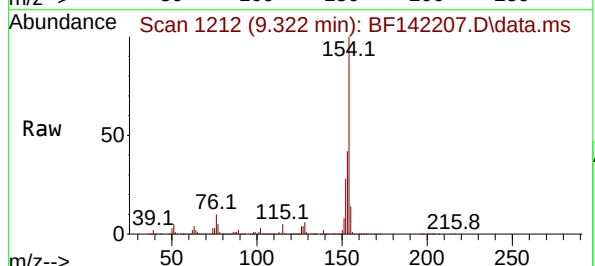
Tgt Ion:154 Resp: 2787856

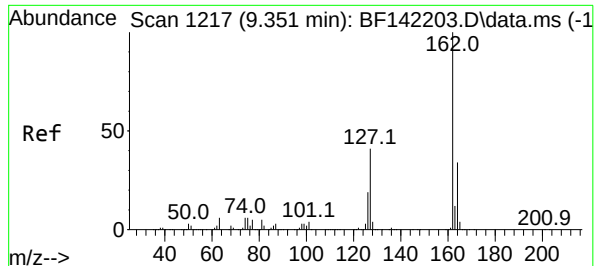
Ion Ratio Lower Upper

154 100

153 42.0 22.5 62.5

76 9.9 0.0 30.4





#47

2-Chloronaphthalene

Concen: 39.787 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

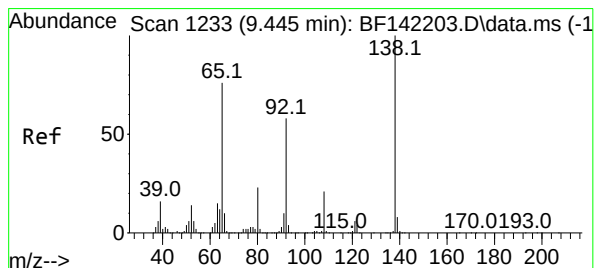
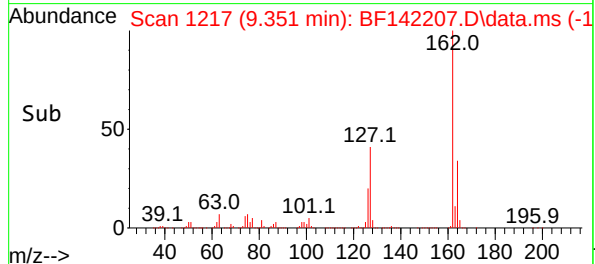
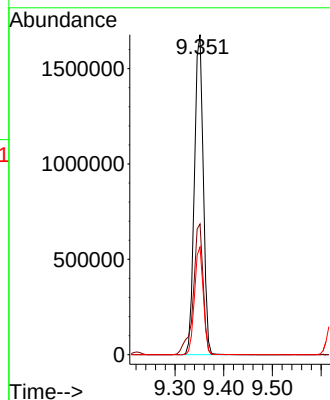
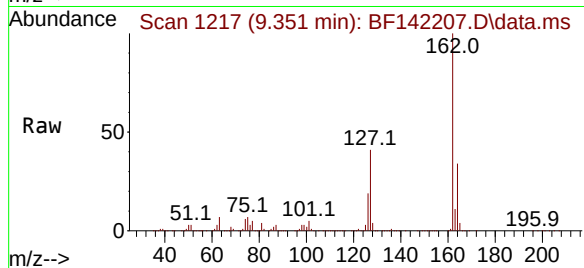
Tgt Ion:162 Resp: 2143104

Ion Ratio Lower Upper

162 100

127 40.8 33.1 49.7

164 33.6 27.1 40.7



#48

2-Nitroaniline

Concen: 40.623 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

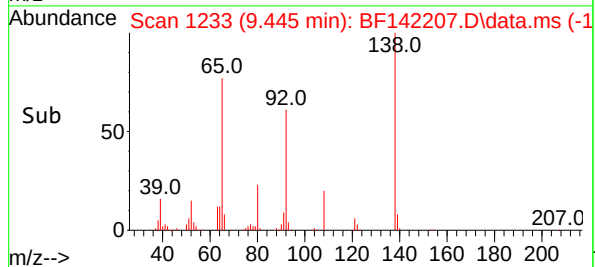
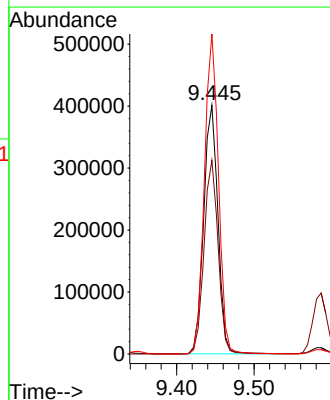
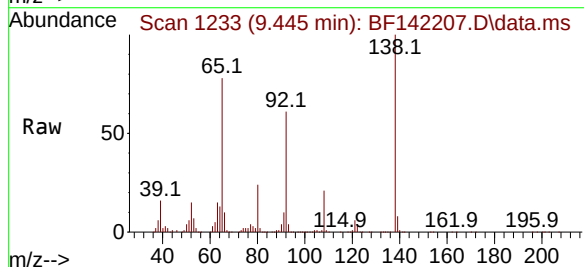
Tgt Ion: 65 Resp: 512902

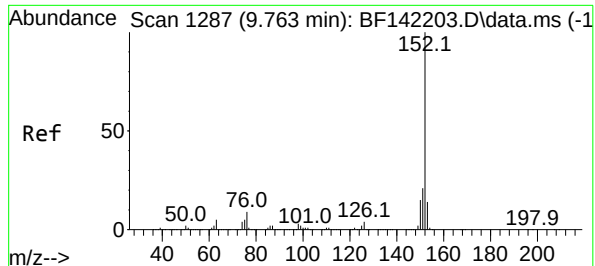
Ion Ratio Lower Upper

65 100

92 77.9 61.4 92.0

138 128.7 105.8 158.6





#49

Acenaphthylene

Concen: 40.684 ng

RT: 9.763 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

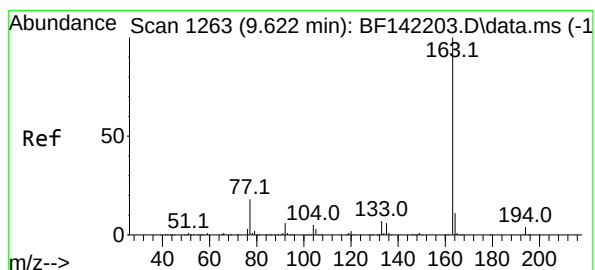
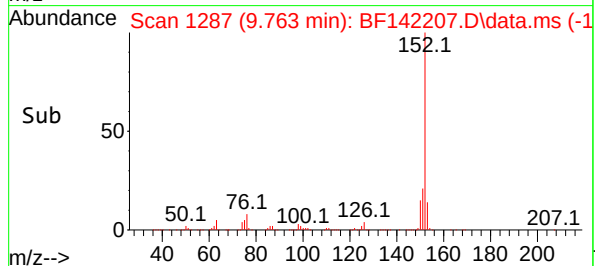
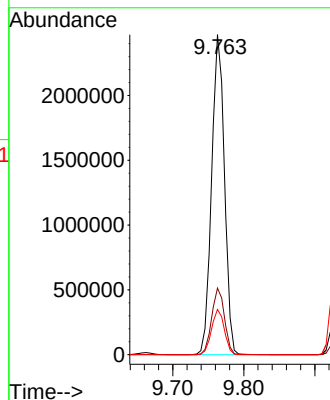
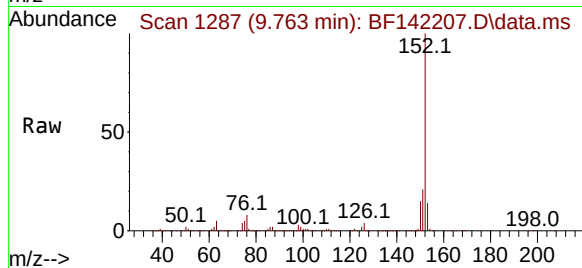
Tgt Ion:152 Resp: 3097514

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 14.2 11.6 17.4



#50

Dimethylphthalate

Concen: 40.211 ng

RT: 9.622 min Scan# 1263

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

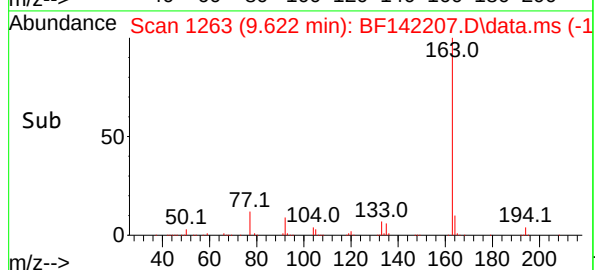
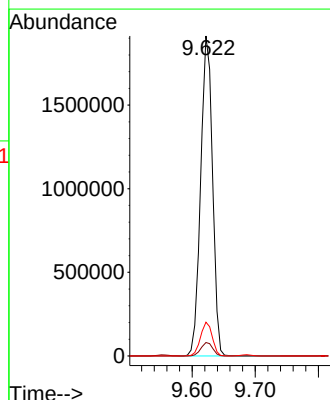
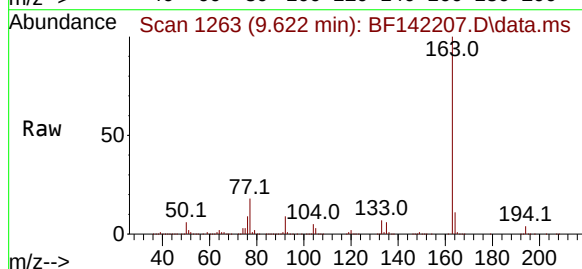
Tgt Ion:163 Resp: 2495011

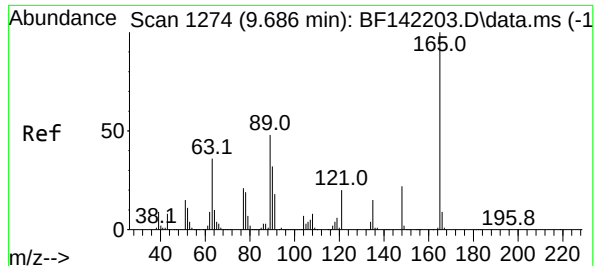
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.6 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 40.180 ng

RT: 9.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

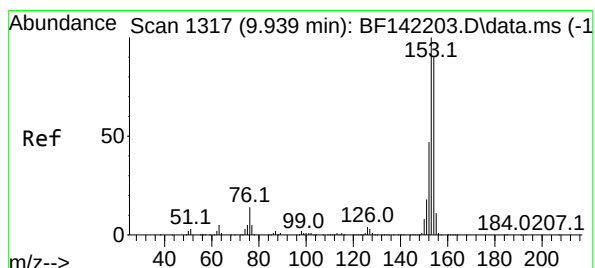
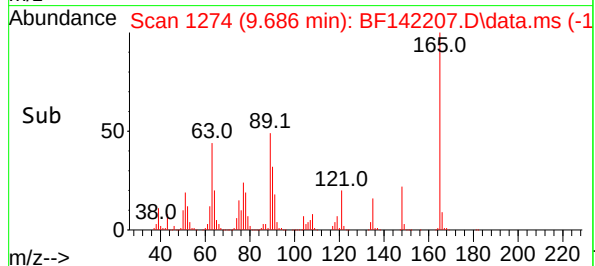
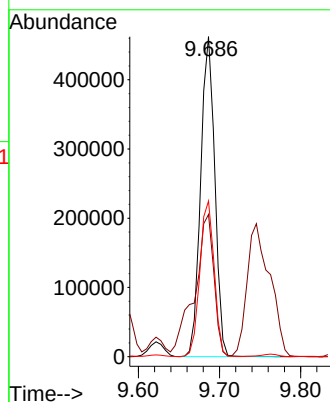
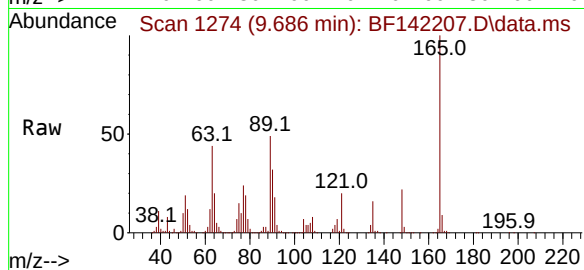
Tgt Ion:165 Resp: 559732

Ion Ratio Lower Upper

165 100

63 44.5 35.4 53.2

89 48.7 38.6 58.0



#52

Acenaphthene

Concen: 39.857 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

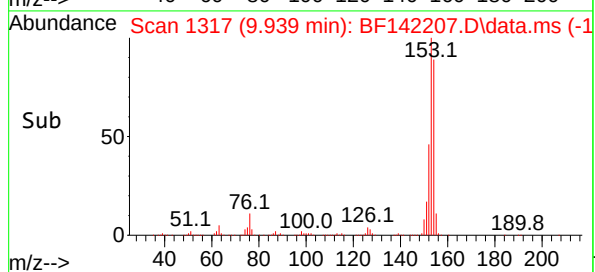
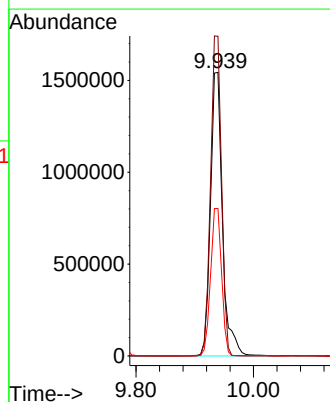
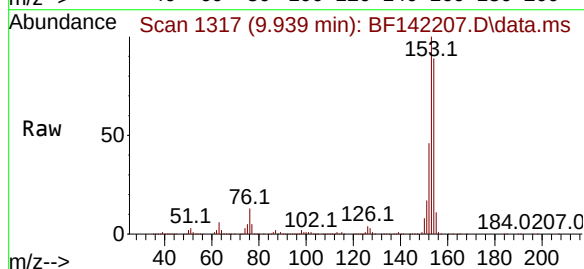
Tgt Ion:154 Resp: 2186739

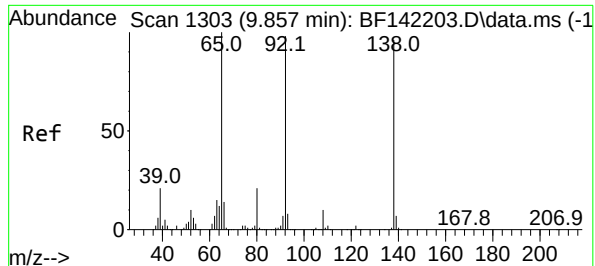
Ion Ratio Lower Upper

154 100

153 112.7 89.0 133.4

152 52.1 41.8 62.8

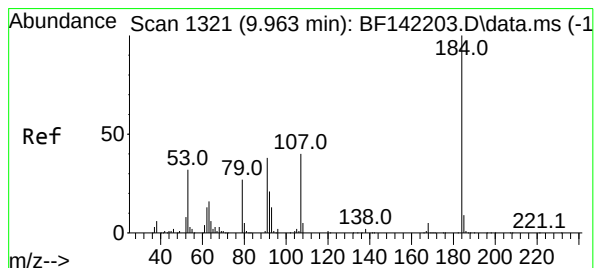
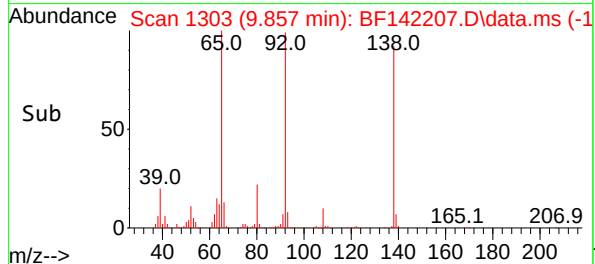
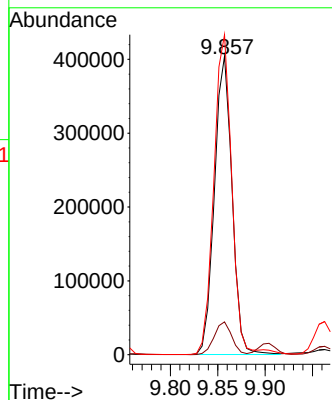
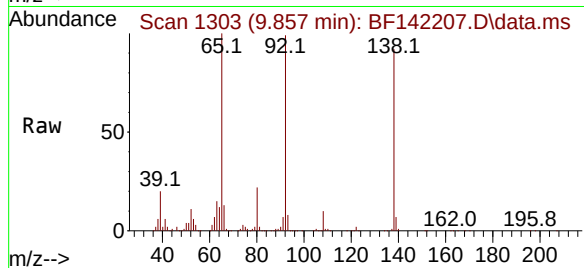




#53
3-Nitroaniline
Concen: 39.254 ng
RT: 9.857 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

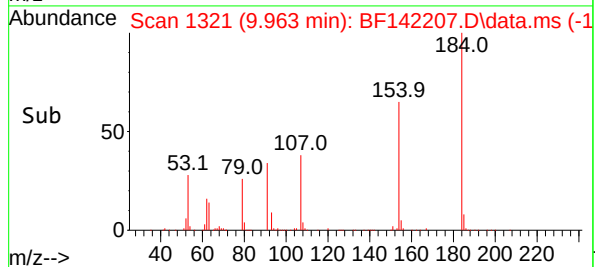
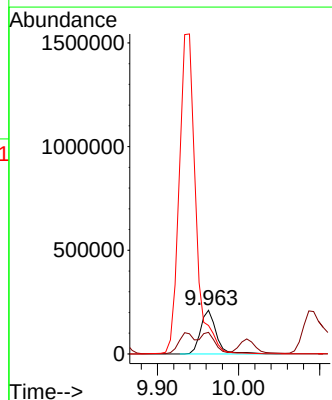
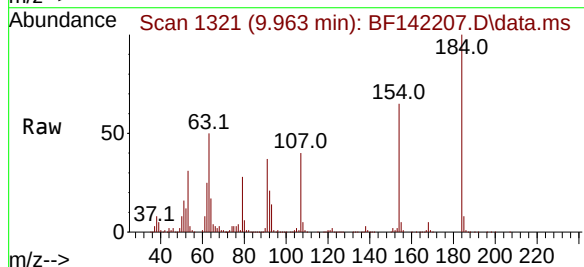
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

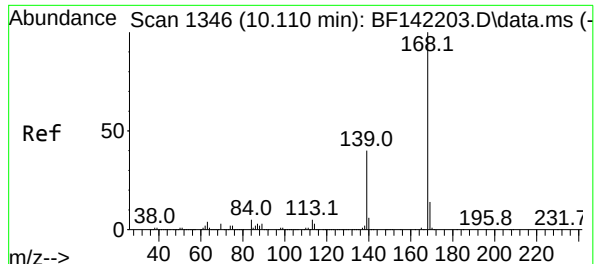
Tgt Ion:138 Resp: 523952
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 107.2 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 41.783 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:184 Resp: 285080
Ion Ratio Lower Upper
184 100
63 49.6 39.0 58.4
154 65.3 52.2 78.4





#55

Dibenzofuran

Concen: 40.248 ng

RT: 10.110 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

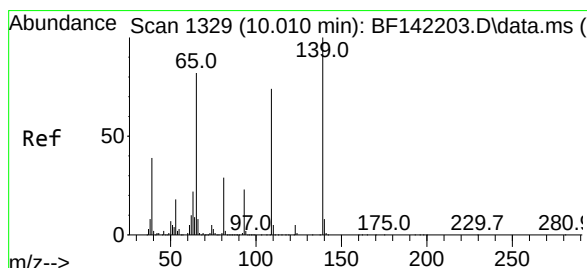
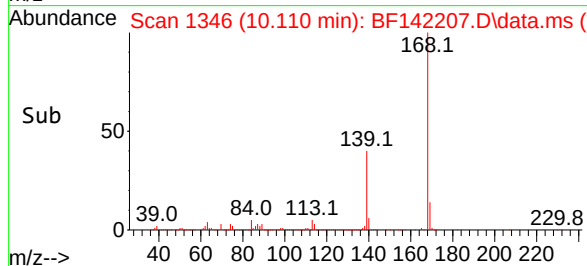
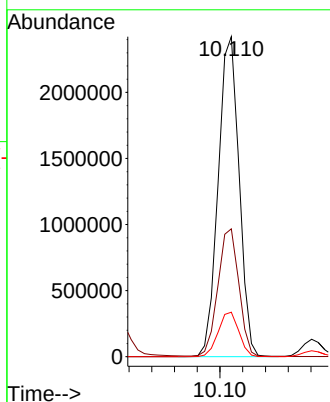
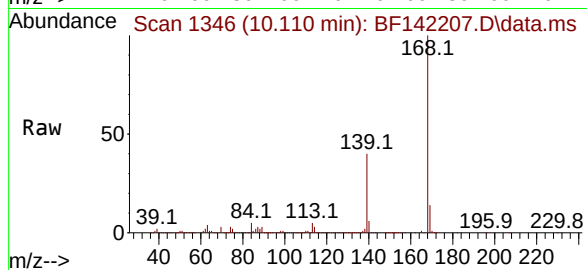
Tgt Ion:168 Resp: 3095656

Ion Ratio Lower Upper

168 100

139 39.9 32.3 48.5

169 13.9 11.4 17.0



#56

4-Nitrophenol

Concen: 40.286 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

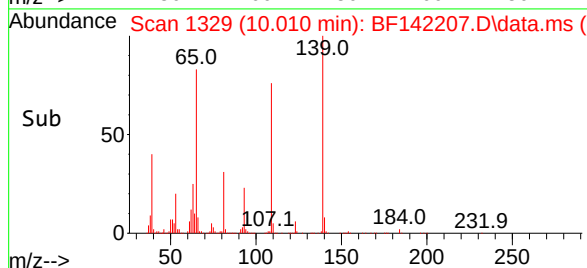
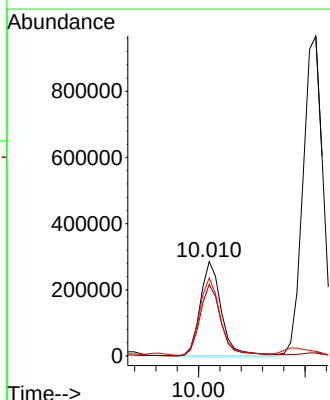
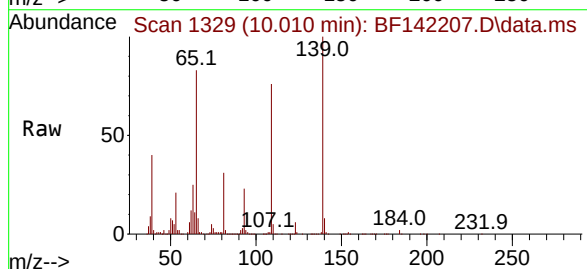
Tgt Ion:139 Resp: 393347

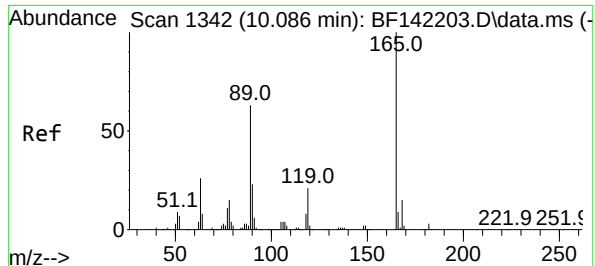
Ion Ratio Lower Upper

139 100

109 75.7 54.1 94.1

65 82.8 62.1 102.1

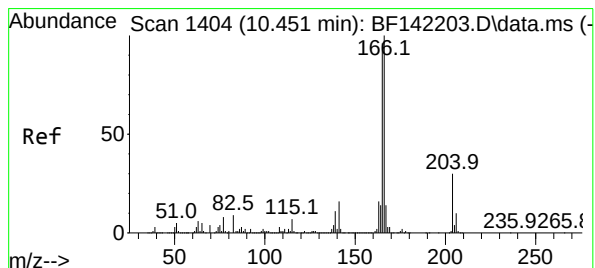
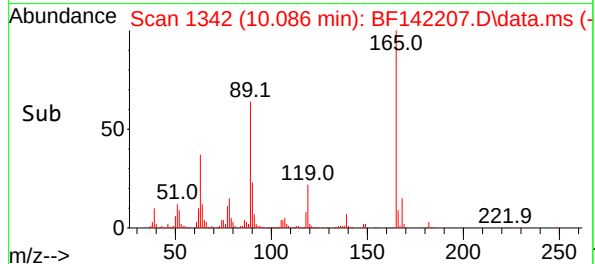
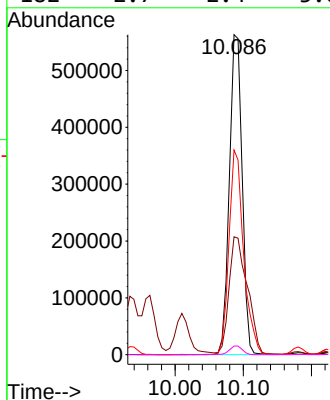
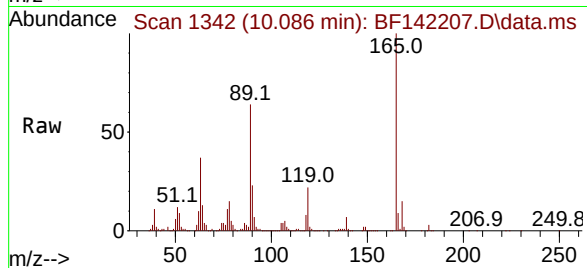




#57
2,4-Dinitrotoluene
Concen: 40.884 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

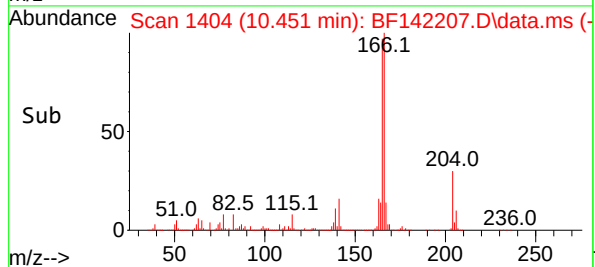
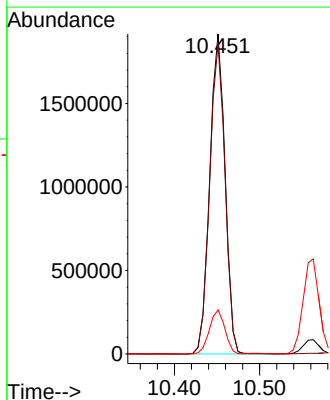
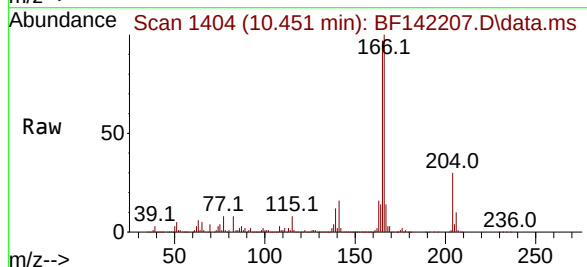
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

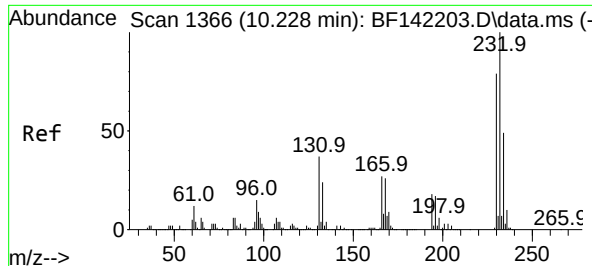
Tgt Ion:165 Resp: 735612
Ion Ratio Lower Upper
165 100
63 36.9 29.0 43.6
89 64.0 50.1 75.1
182 2.7 2.4 3.6



#58
Fluorene
Concen: 40.218 ng
RT: 10.451 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

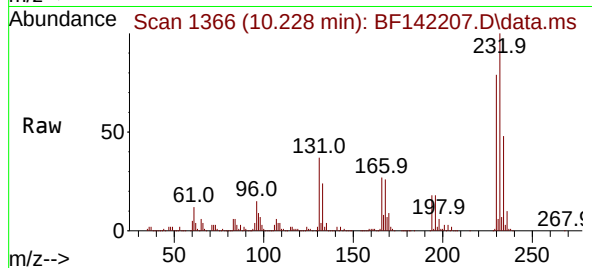
Tgt Ion:166 Resp: 2392935
Ion Ratio Lower Upper
166 100
165 96.8 77.1 115.7
167 13.7 11.0 16.4



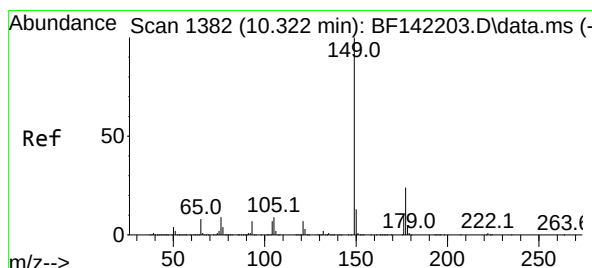
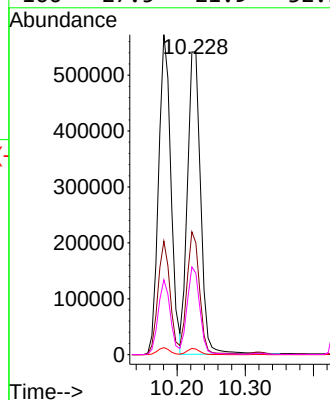
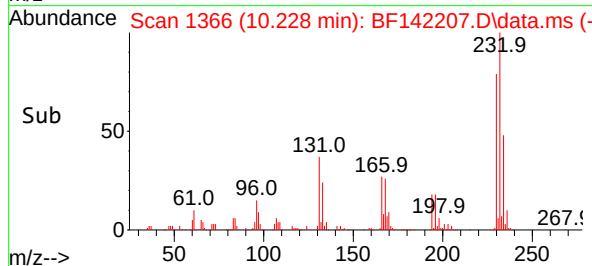


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.684 ng
RT: 10.228 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

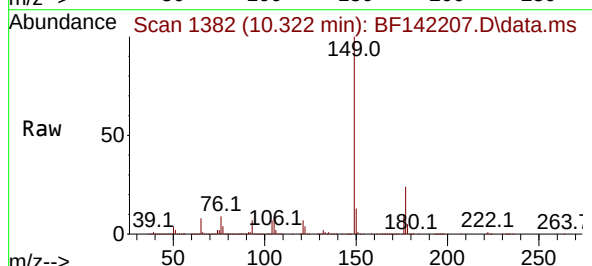
Instrument :
BNA_F
ClientSampleId :
ICVBF042125



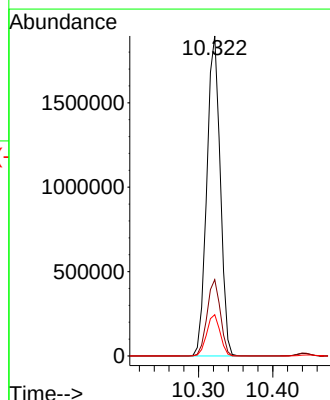
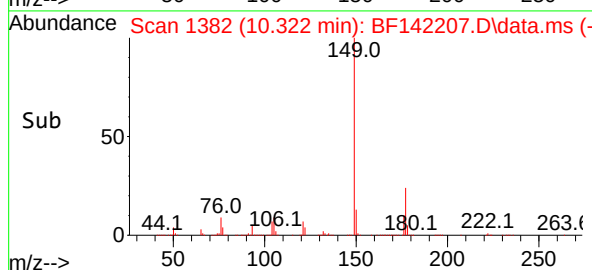
Tgt Ion:232 Resp: 720730
Ion Ratio Lower Upper
232 100
131 38.2 31.9 47.9
130 2.0 1.6 2.4
166 27.5 21.9 32.9

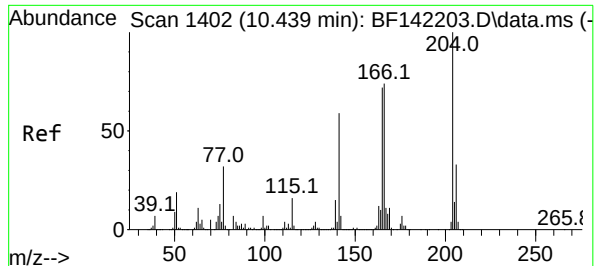


#60
Diethylphthalate
Concen: 41.055 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12



Tgt Ion:149 Resp: 2378709
Ion Ratio Lower Upper
149 100
177 23.8 19.6 29.4
150 12.9 10.6 15.8

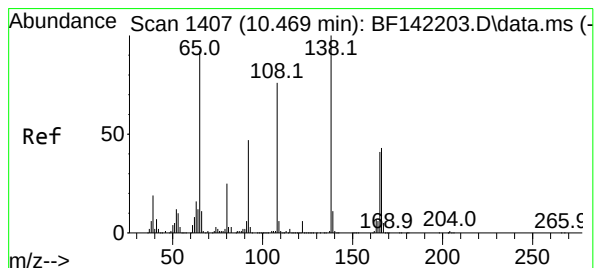
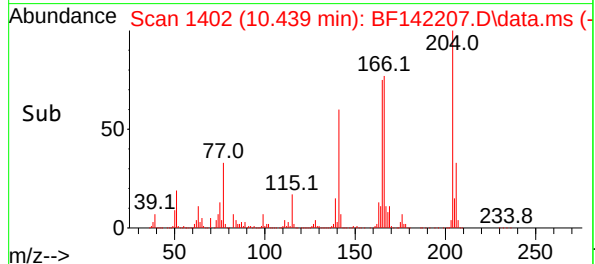
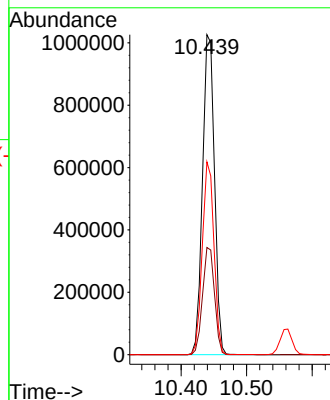
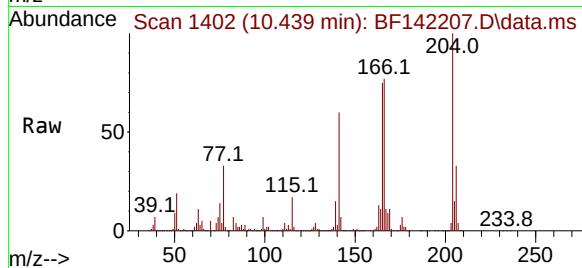




#61
4-Chlorophenyl-phenylether
Concen: 39.818 ng
RT: 10.439 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

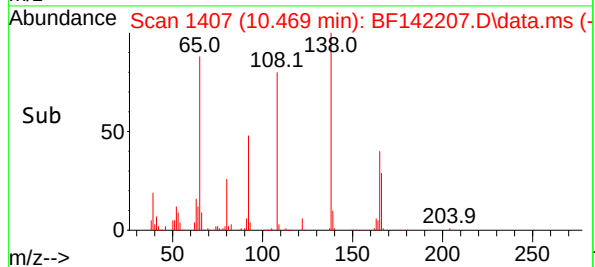
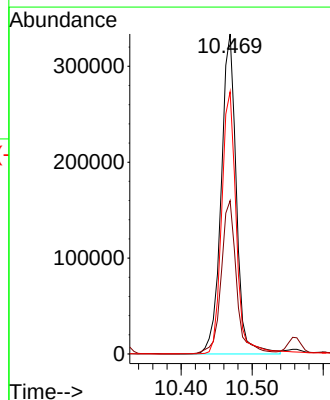
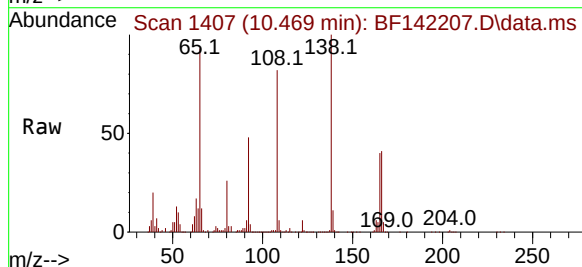
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

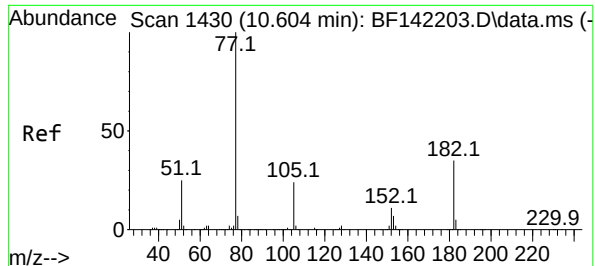
Tgt Ion:204 Resp: 1304487
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 60.2 47.0 70.6



#62
4-Nitroaniline
Concen: 38.989 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:138 Resp: 494658
Ion Ratio Lower Upper
138 100
92 47.9 26.7 66.7
108 82.0 56.5 96.5

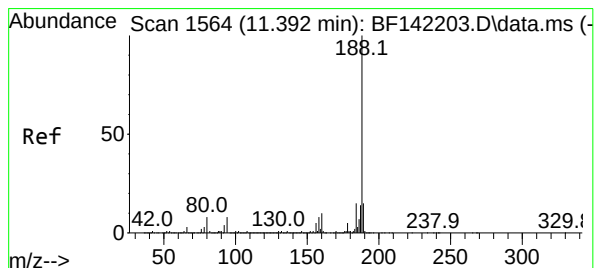
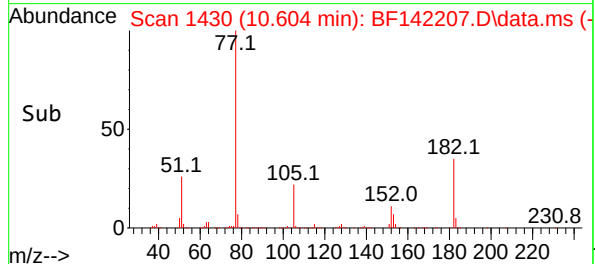
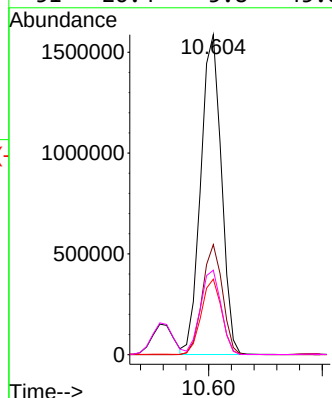
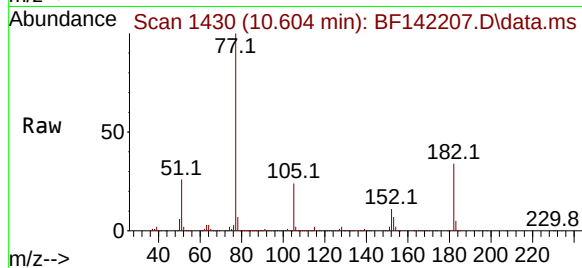




#63
Azobenzene
Concen: 39.692 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

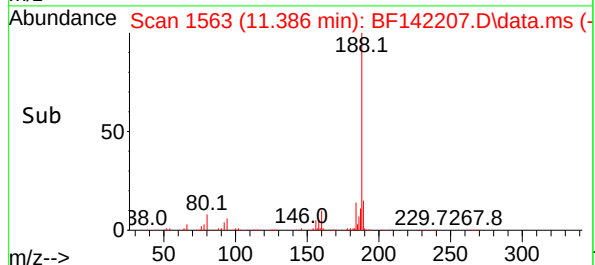
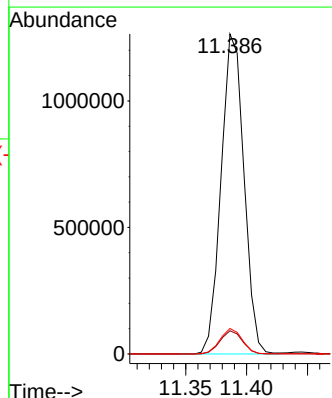
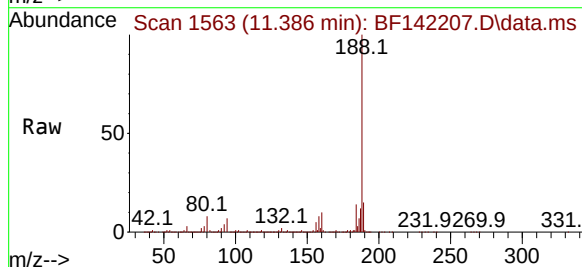
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

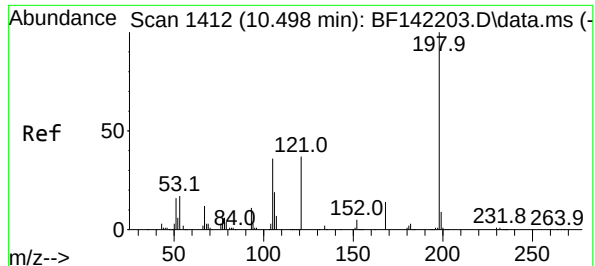
Tgt Ion: 77 Resp: 2002528
Ion Ratio Lower Upper
77 100
182 34.4 14.8 54.8
105 23.6 4.0 44.0
51 26.4 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion: 188 Resp: 1649639
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 7.9 6.7 10.1

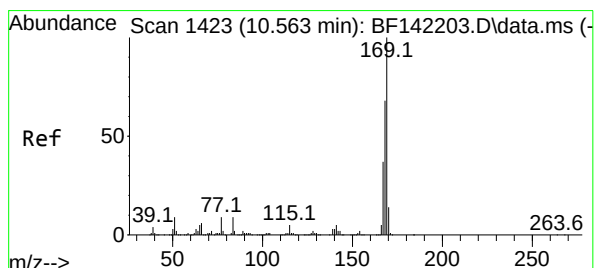
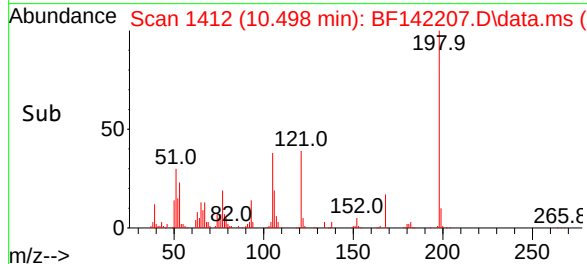
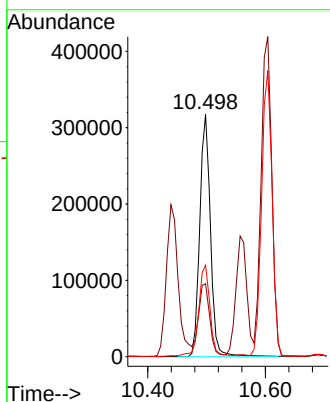
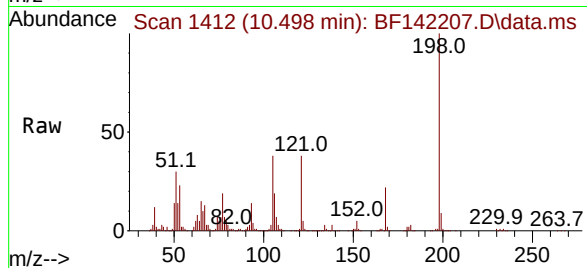




#65
4,6-Dinitro-2-methylphenol
Concen: 41.814 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

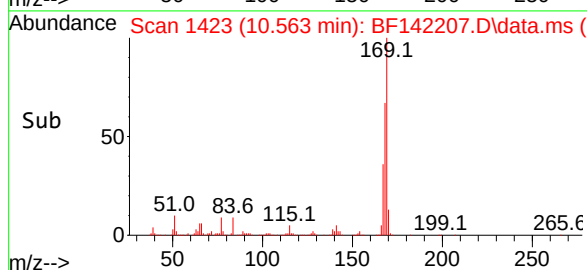
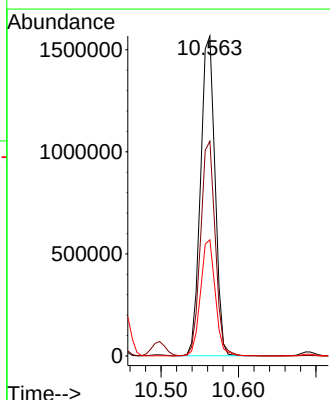
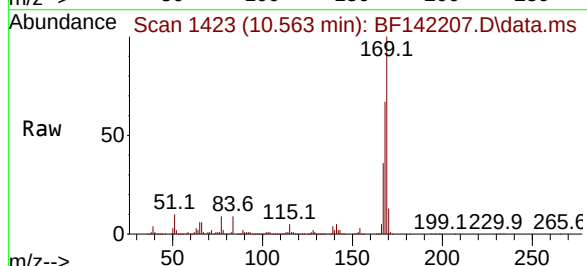
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

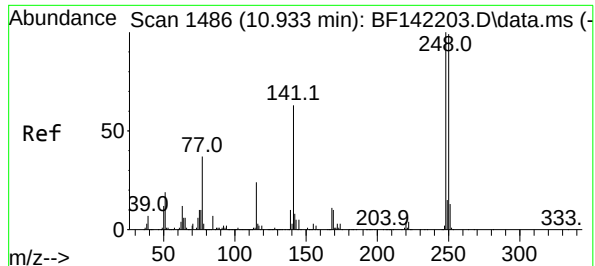
Tgt Ion:198 Resp: 402642
Ion Ratio Lower Upper
198 100
51 30.1 10.2 50.2
105 37.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 40.100 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:169 Resp: 2027400
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 36.3 29.4 44.2

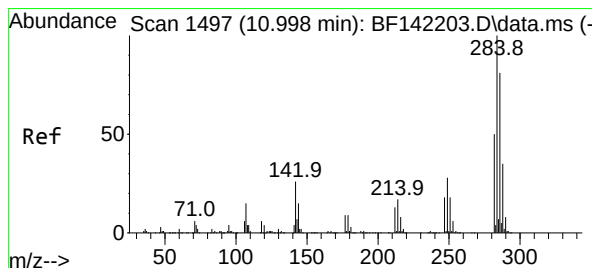
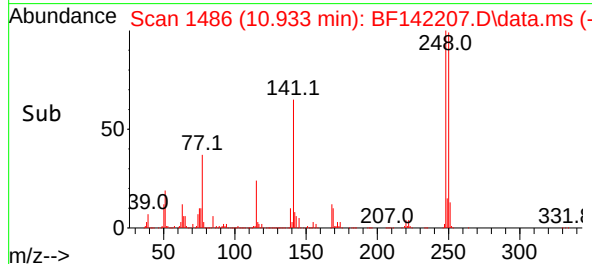
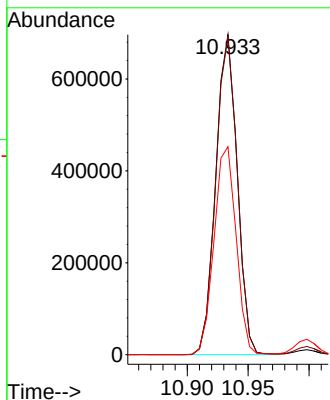
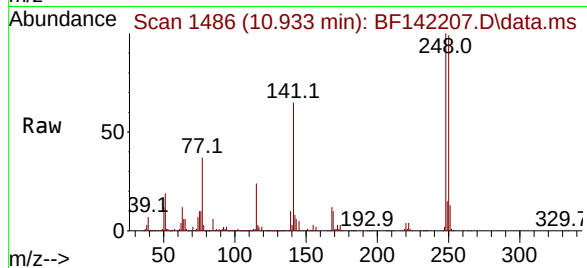




#67
4-Bromophenyl-phenylether
Concen: 39.530 ng
RT: 10.933 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

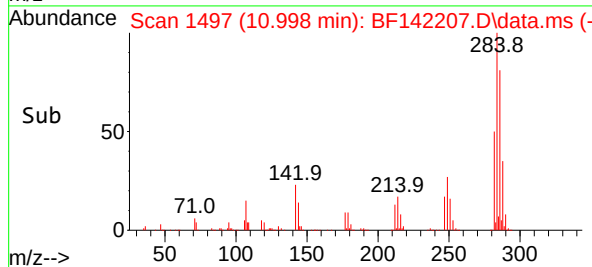
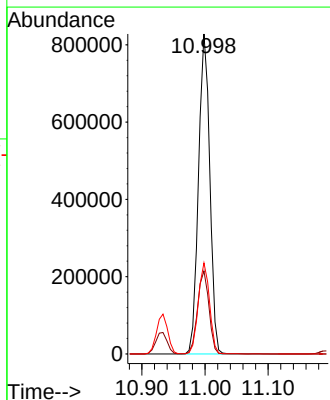
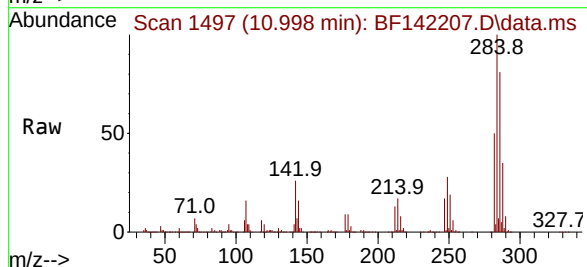
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

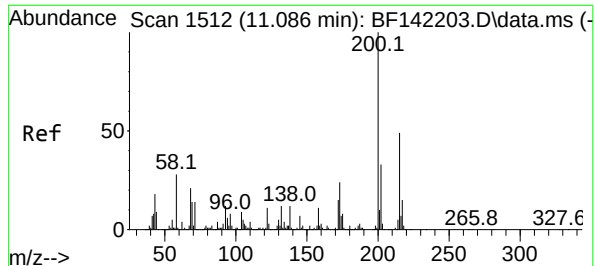
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.8	118.2
141	65.0	50.6	75.8



#68
Hexachlorobenzene
Concen: 39.734 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.9	20.7	31.1
249	28.4	22.8	34.2

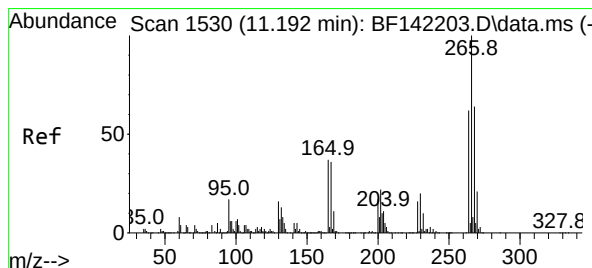
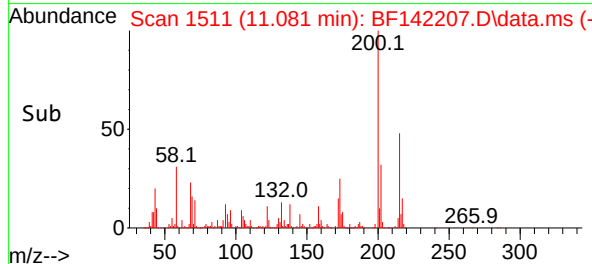
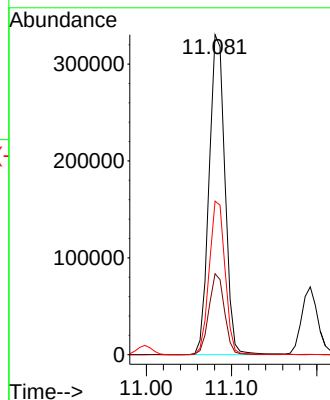
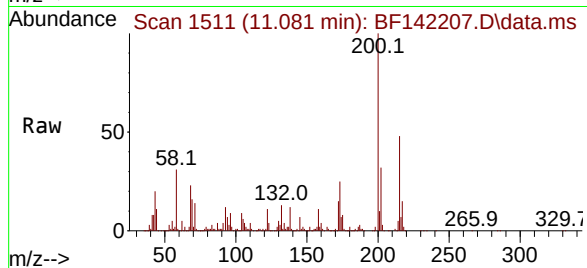




#69
Atrazine
Concen: 34.609 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

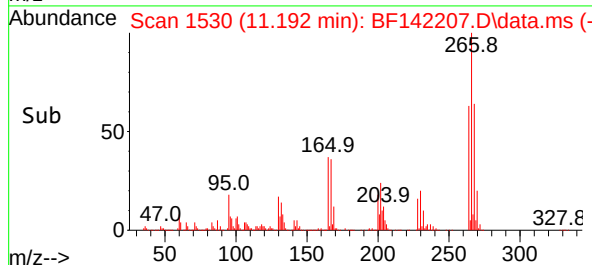
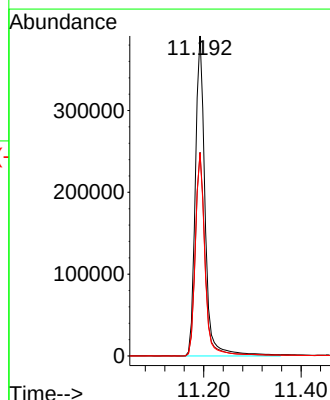
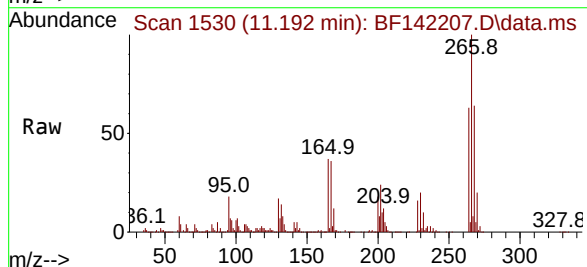
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

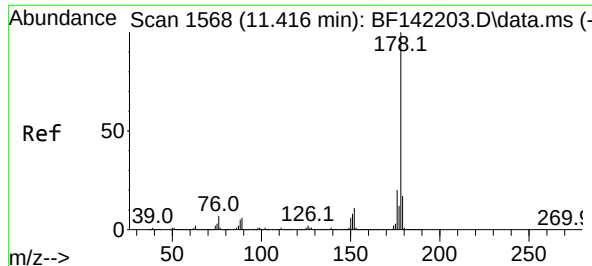
Tgt Ion:200 Resp: 427015
Ion Ratio Lower Upper
200 100
173 25.3 4.4 44.4
215 48.0 28.6 68.6



#70
Pentachlorophenol
Concen: 41.635 ng
RT: 11.192 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:266 Resp: 548360
Ion Ratio Lower Upper
266 100
268 63.6 50.9 76.3
264 63.3 49.4 74.2

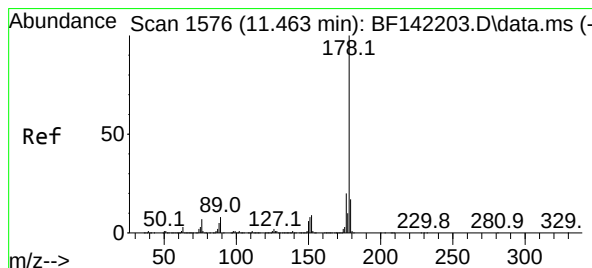
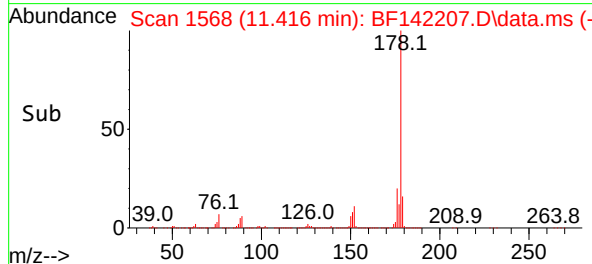
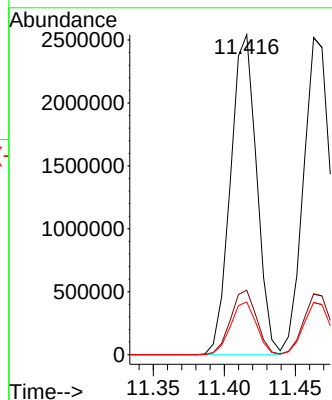
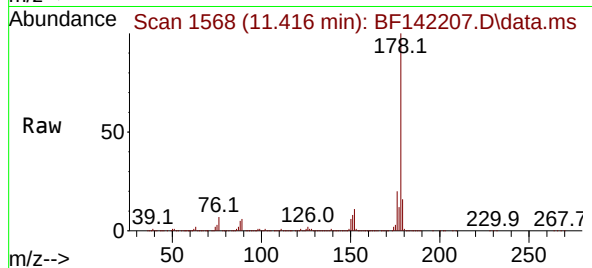




#71
Phenanthrene
Concen: 39.814 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

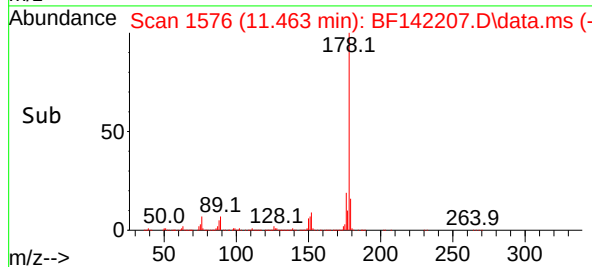
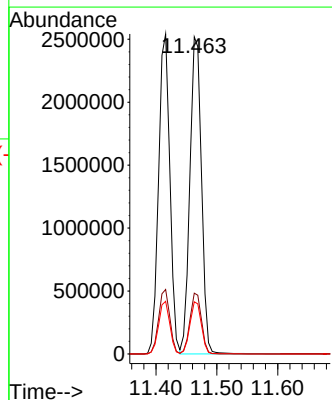
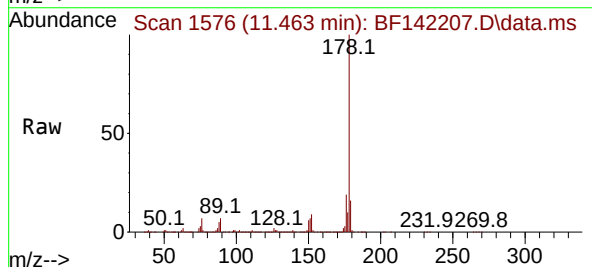
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

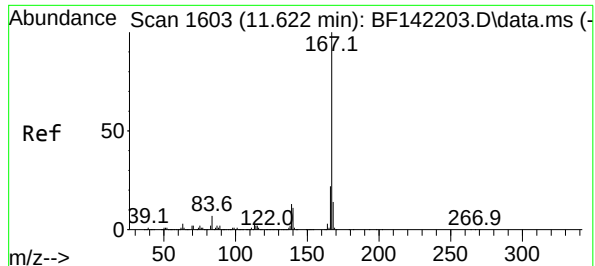
Tgt Ion:178 Resp: 3261562
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.5 13.3 19.9



#72
Anthracene
Concen: 40.577 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:178 Resp: 3323644
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.5 13.4 20.0

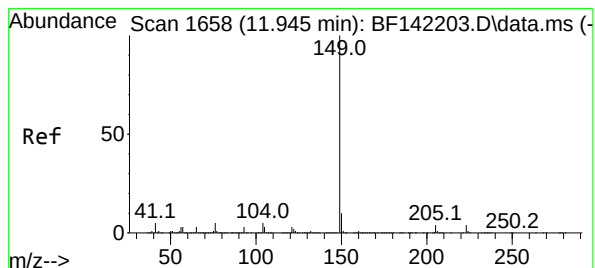
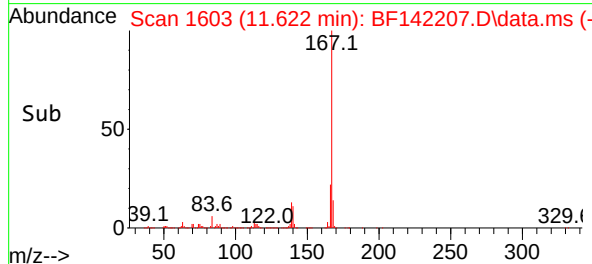
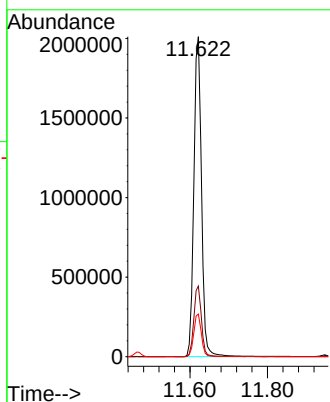
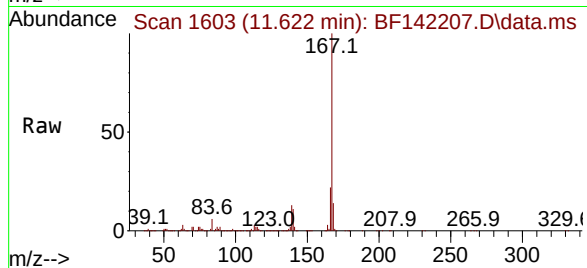




#73
Carbazole
Concen: 38.488 ng
RT: 11.622 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

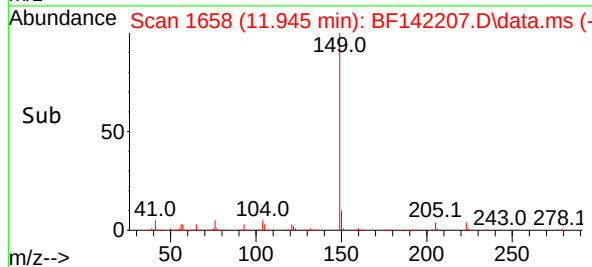
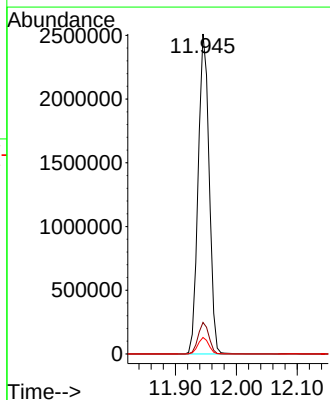
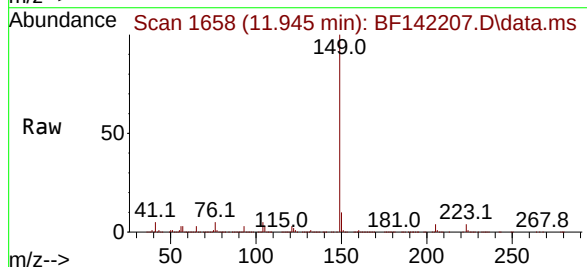
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

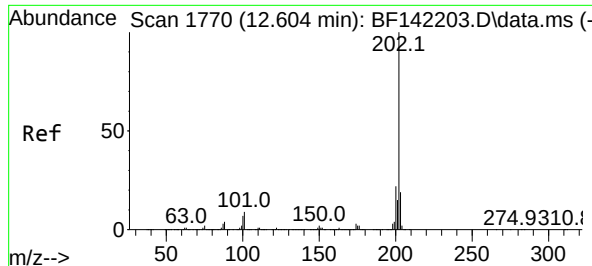
Tgt Ion:167 Resp: 2754209
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.2
139 13.3 10.7 16.1



#74
Di-n-butylphthalate
Concen: 42.309 ng
RT: 11.945 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:149 Resp: 3133657
Ion Ratio Lower Upper
149 100
150 9.8 7.9 11.9
104 5.1 4.0 6.0

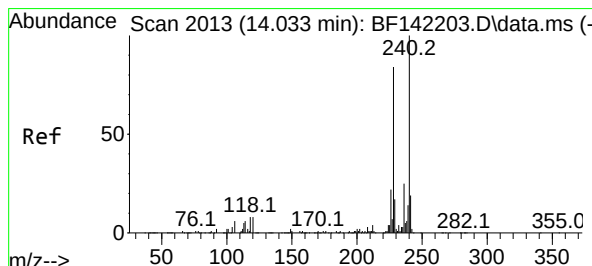
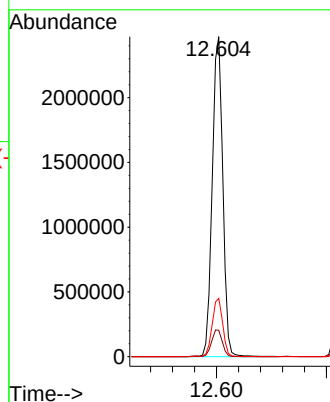
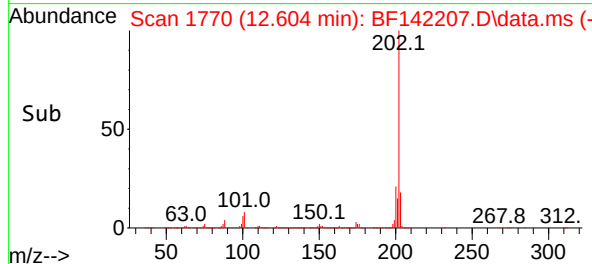
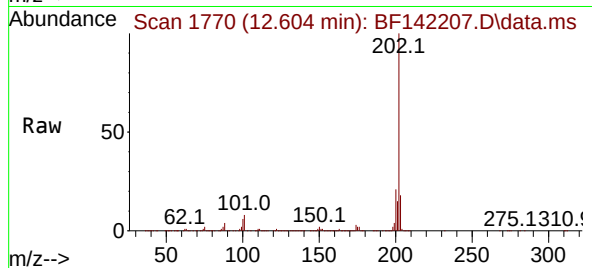




#75
Fluoranthene
Concen: 38.639 ng
RT: 12.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

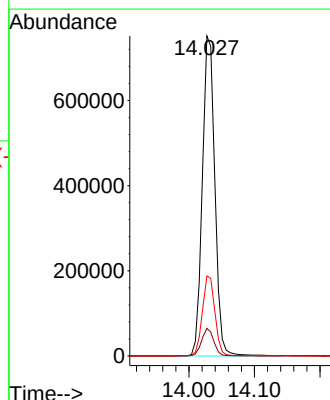
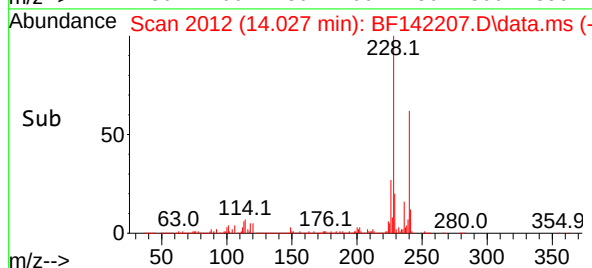
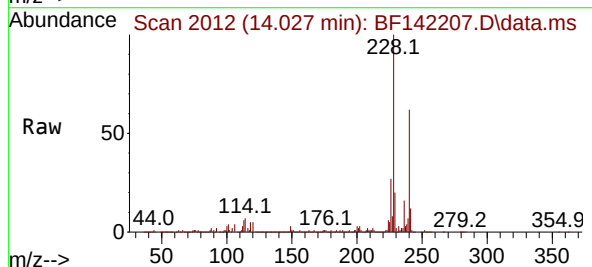
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

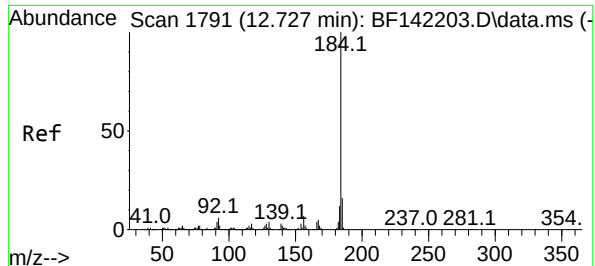
Tgt Ion:202 Resp: 3290166
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.9
203 18.3 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:240 Resp: 1001037
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.0 20.2 30.2

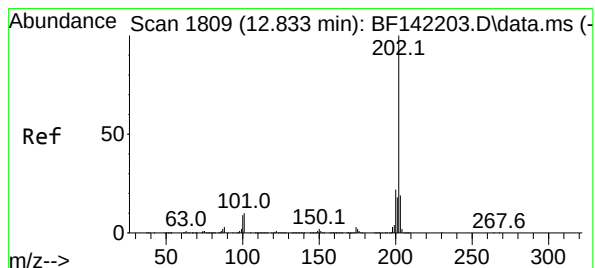
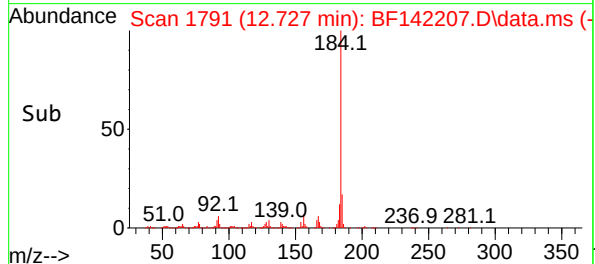
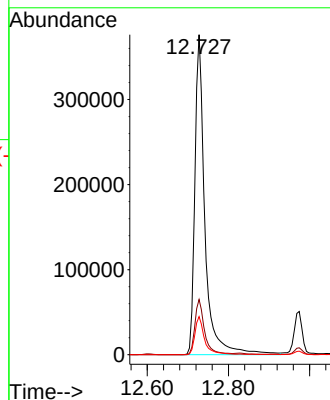
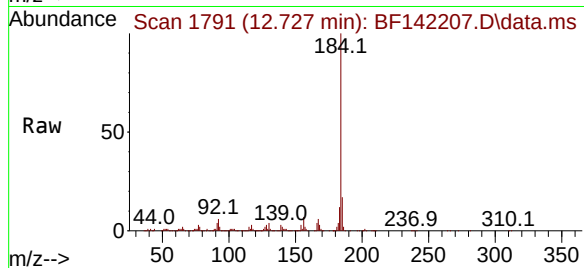




#77
Benzidine
Concen: 50.625 ng
RT: 12.727 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

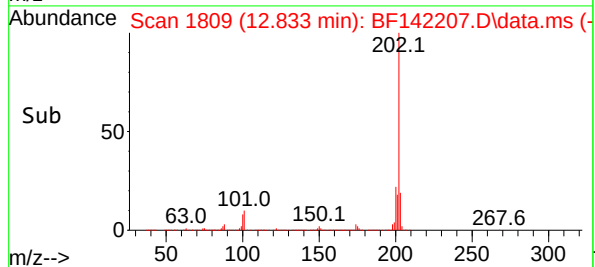
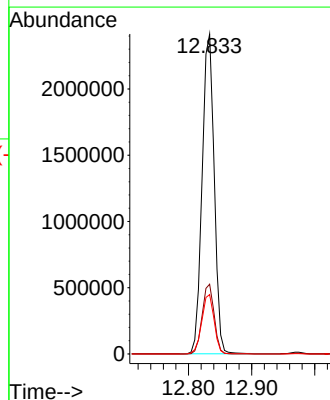
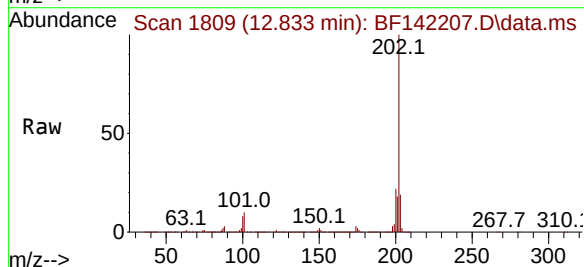
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

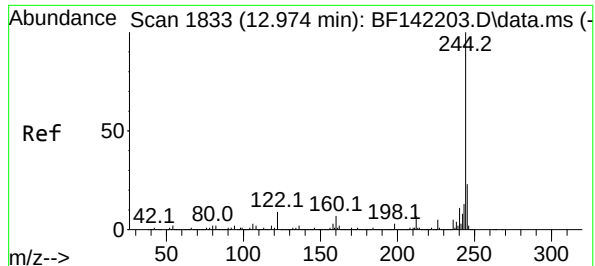
Tgt Ion:184 Resp: 653980
Ion Ratio Lower Upper
184 100
185 17.3 13.0 19.6
183 11.9 9.6 14.4



#78
Pyrene
Concen: 40.353 ng
RT: 12.833 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:202 Resp: 3208253
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.6 14.8 22.2





#79

Terphenyl-d14

Concen: 78.632 ng

RT: 12.975 min Scan# 1833

Delta R.T. 0.001 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

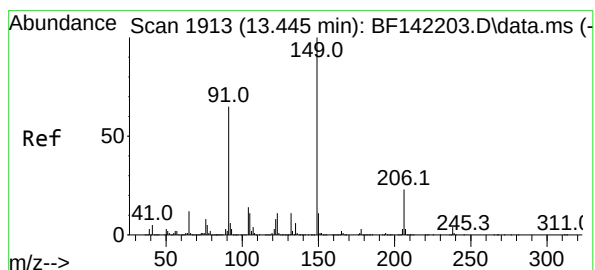
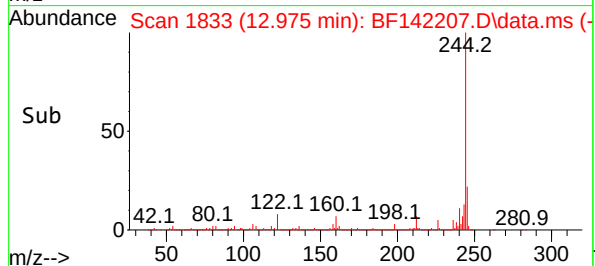
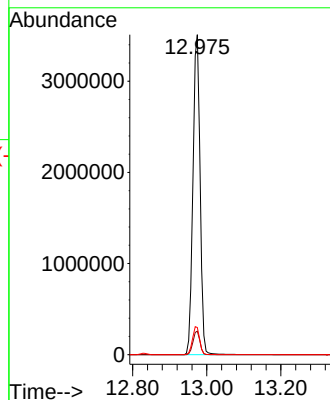
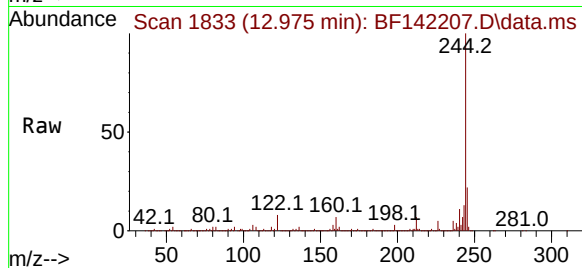
Tgt Ion:244 Resp: 4698500

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 8.5 7.3 10.9



#80

Butylbenzylphthalate

Concen: 45.455 ng

RT: 13.445 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

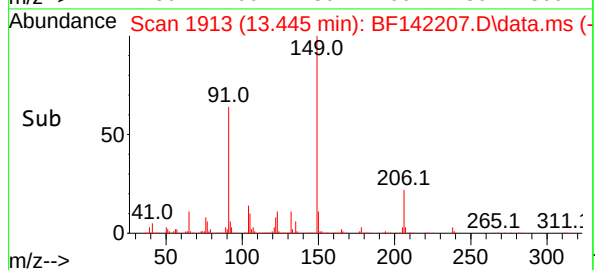
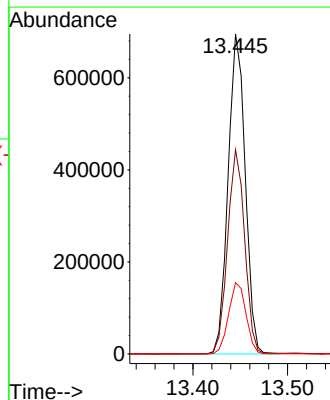
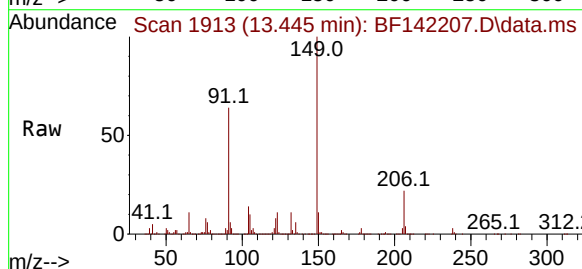
Tgt Ion:149 Resp: 874716

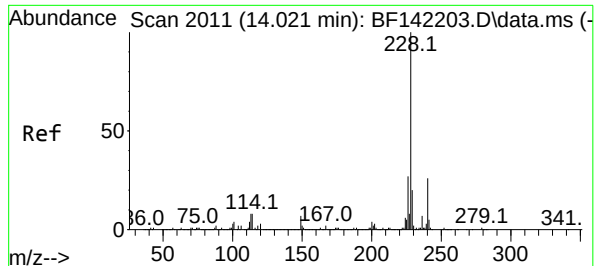
Ion Ratio Lower Upper

149 100

91 63.8 51.8 77.8

206 22.3 18.2 27.4

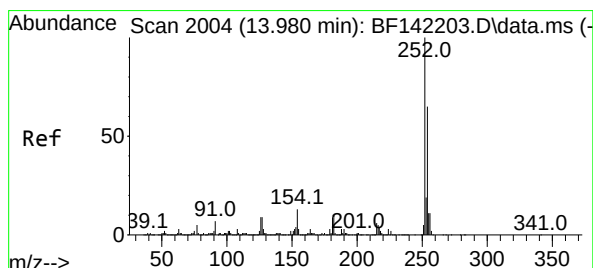
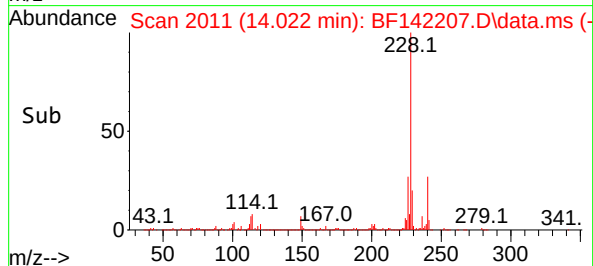
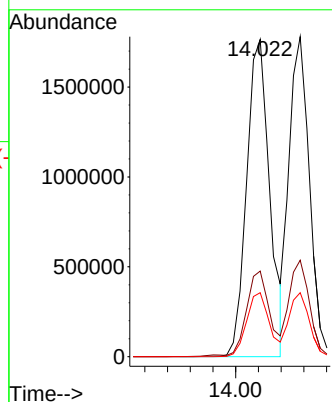
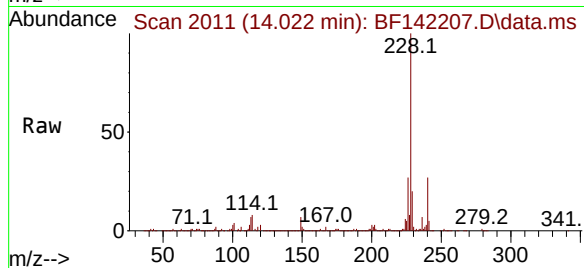




#81
Benzo(a)anthracene
Concen: 40.936 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

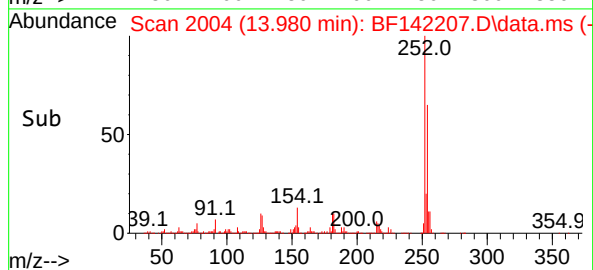
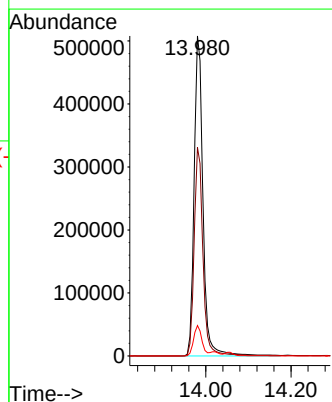
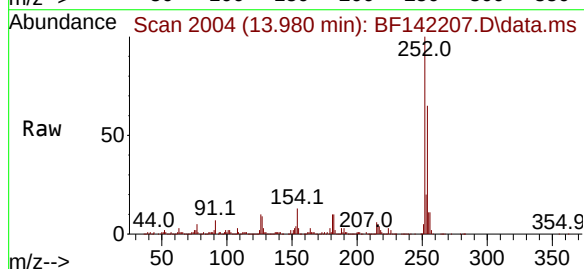
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

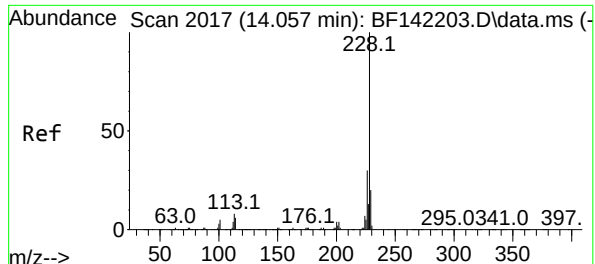
Tgt Ion:228 Resp: 2481966
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.570 ng
RT: 13.980 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:252 Resp: 732492
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 9.5 7.4 11.0

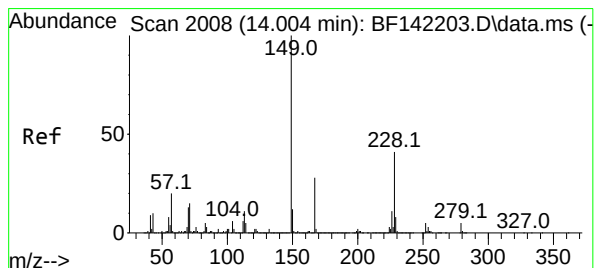
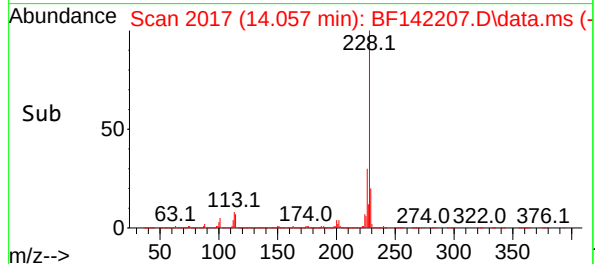
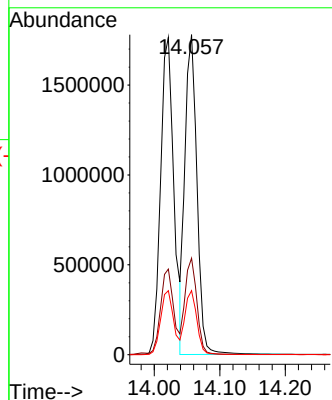
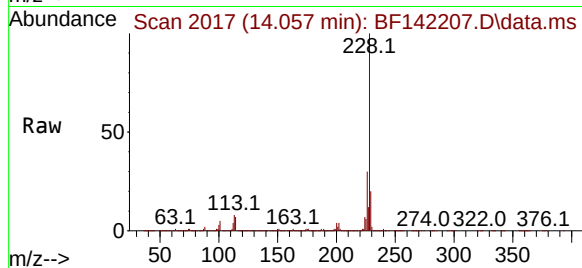




#83
Chrysene
Concen: 38.458 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

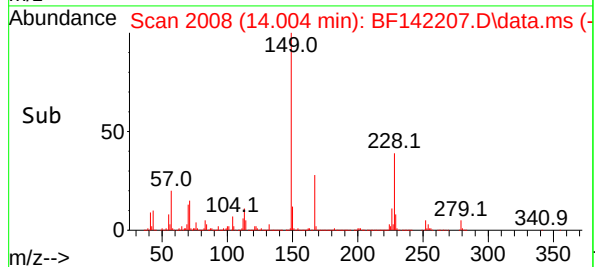
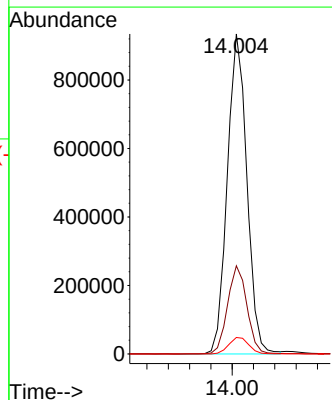
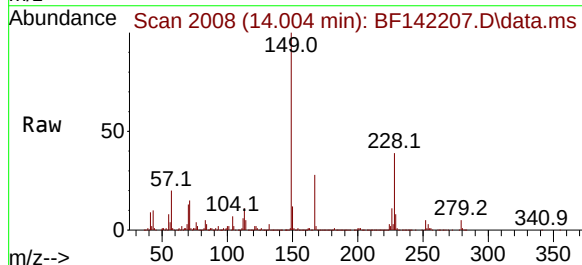
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

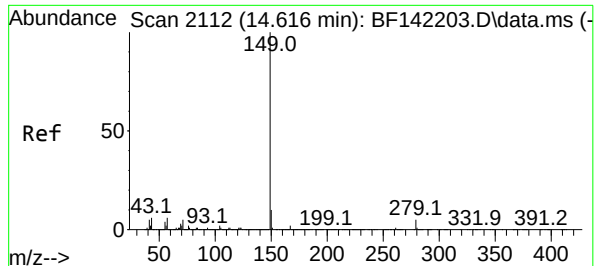
Tgt Ion:228 Resp: 2246623
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.0 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.225 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:149 Resp: 1190031
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 5.2 4.2 6.2

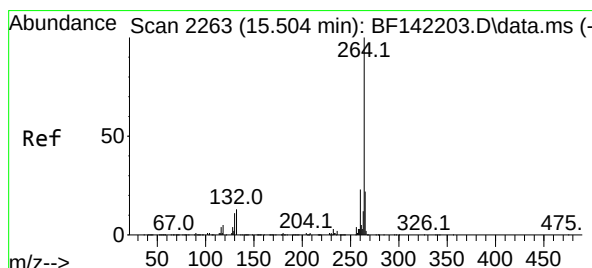
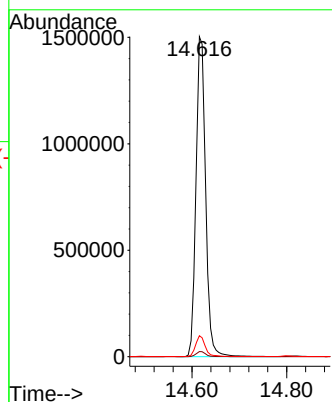
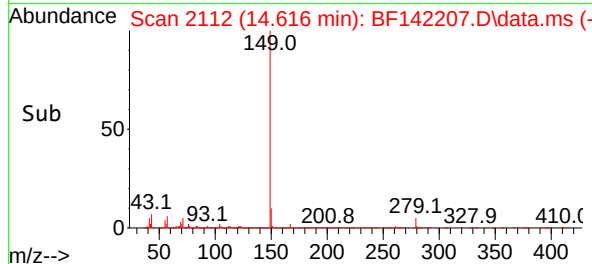
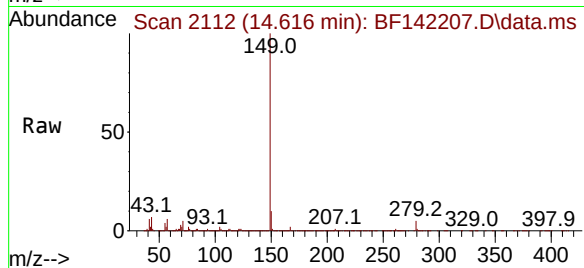




#85
Di-n-octyl phthalate
Concen: 46.495 ng
RT: 14.616 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

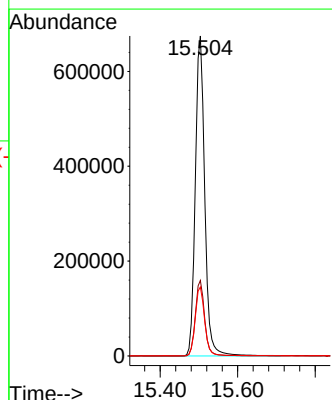
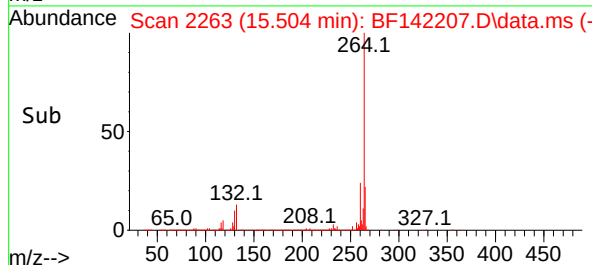
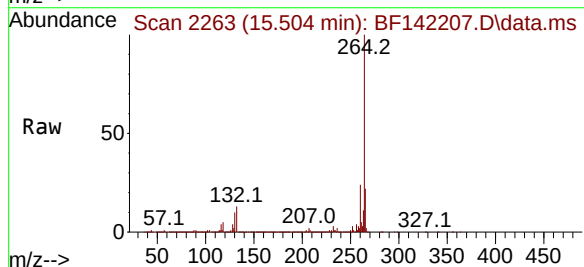
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

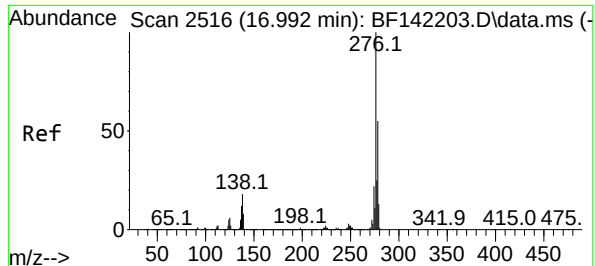
Tgt Ion:149 Resp: 2120040
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.6 5.3 7.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:264 Resp: 1142603
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.5 16.9 25.3

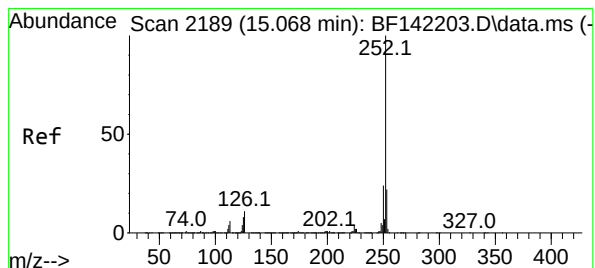
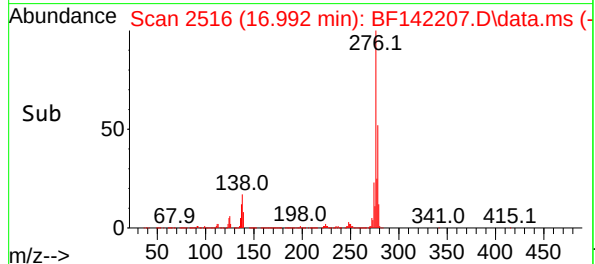
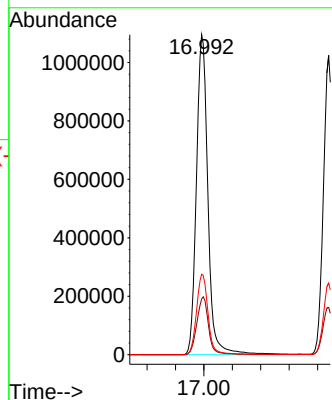
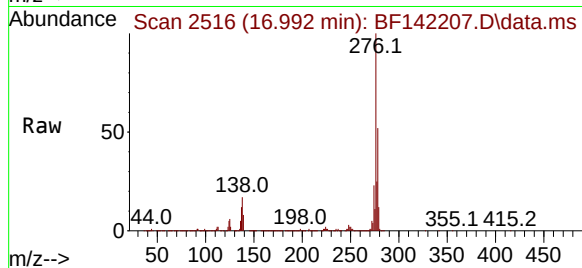




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.388 ng
RT: 16.992 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

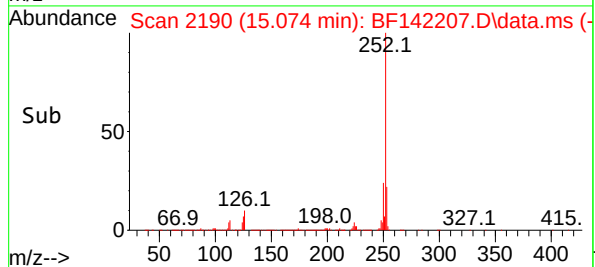
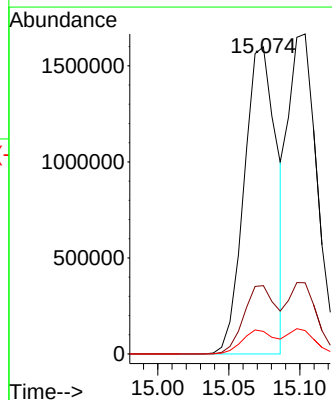
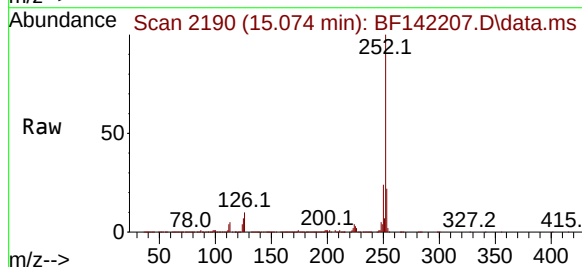
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

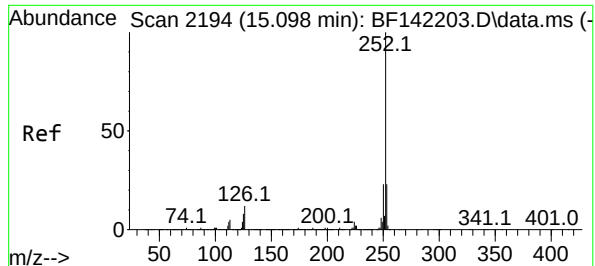
Tgt Ion:276 Resp: 3077410
Ion Ratio Lower Upper
276 100
138 18.3 15.1 22.7
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 39.633 ng
RT: 15.074 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:252 Resp: 2540619
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.3 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 38.379 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ICVBF042125

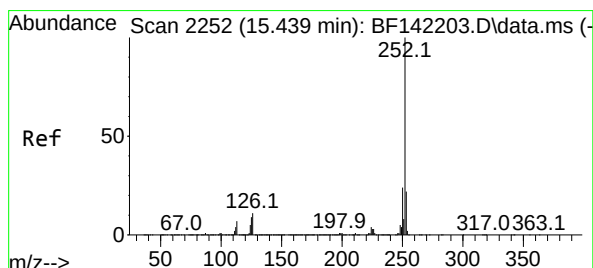
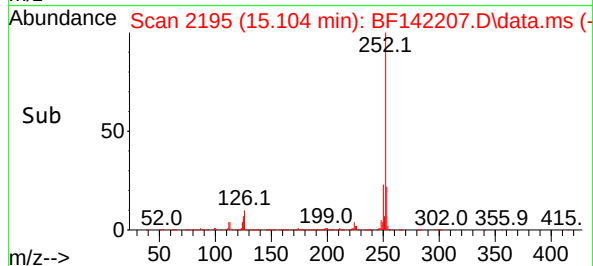
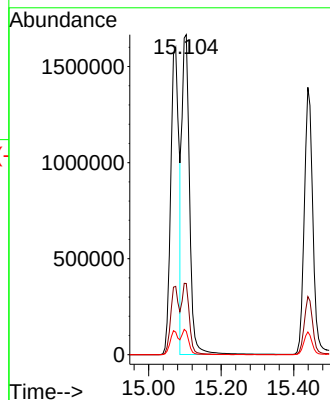
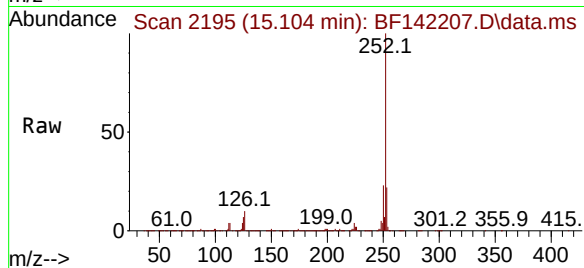
Tgt Ion:252 Resp: 2429949

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 7.3 6.6 10.0



#90

Benzo(a)pyrene

Concen: 39.543 ng

RT: 15.439 min Scan# 2252

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

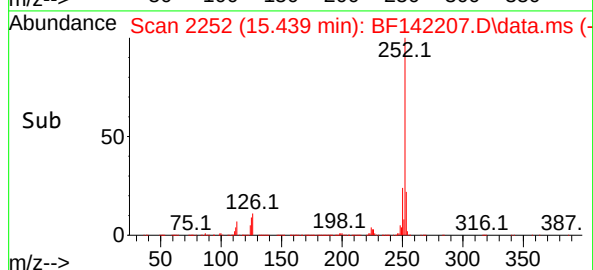
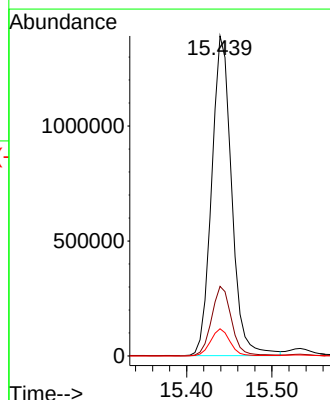
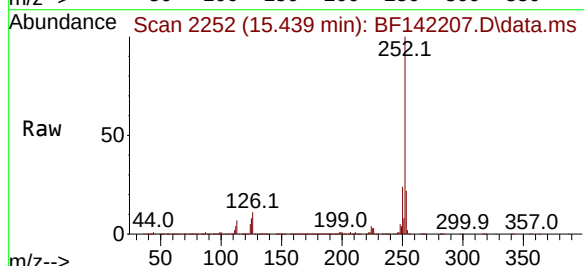
Tgt Ion:252 Resp: 2268563

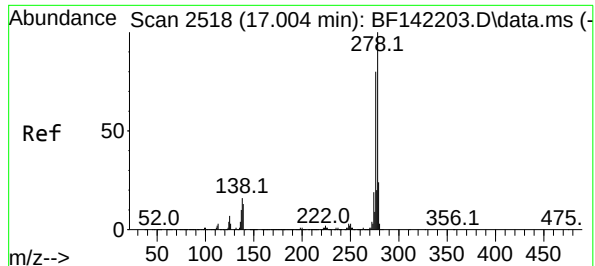
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.5 7.1 10.7

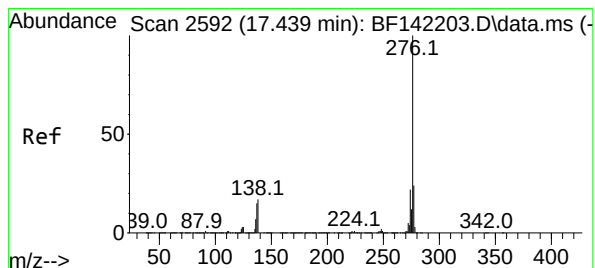
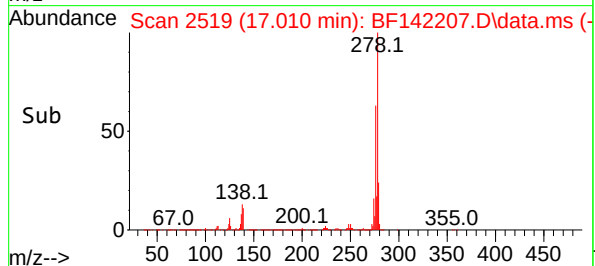
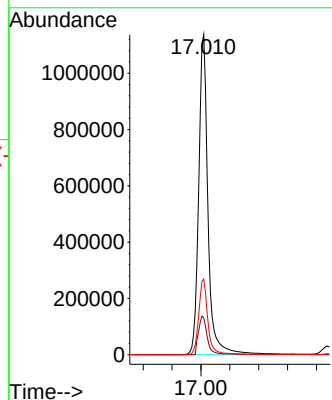
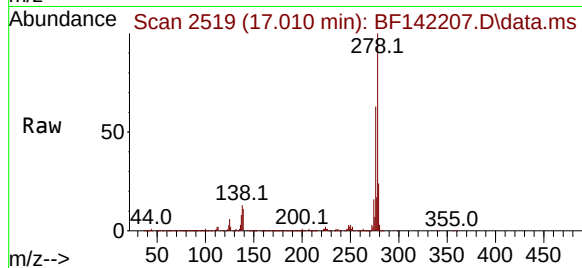




#91
Dibenzo(a,h)anthracene
Concen: 38.855 ng
RT: 17.010 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

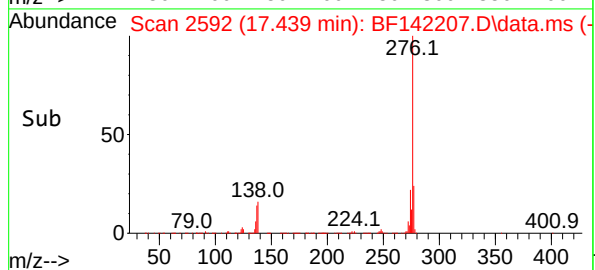
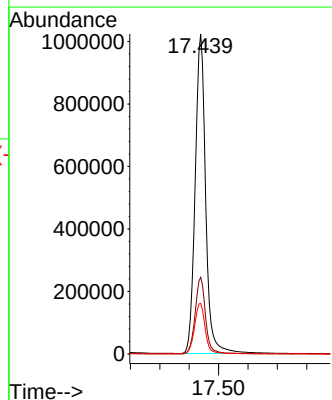
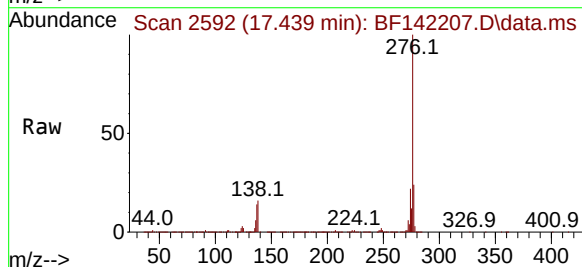
Instrument :
BNA_F
ClientSampleId :
ICVBF042125

Tgt Ion:278 Resp: 2540904
Ion Ratio Lower Upper
278 100
139 11.5 10.2 15.4
279 23.6 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 37.091 ng
RT: 17.439 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF142207.D
Acq: 21 Apr 2025 18:12

Tgt Ion:276 Resp: 2526379
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 15.8 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142207.D
 Acq On : 21 Apr 2025 18:12
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042125

Quant Time: Apr 22 02:23:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	73	0.00
2	1,4-Dioxane	0.433	0.378	12.7	66	-0.02
3	Pyridine	0.940	0.887	5.6	68	-0.01
4	n-Nitrosodimethylamine	0.382	0.366	4.2	70	-0.01
5 S	2-Fluorophenol	1.067	1.059	0.7	73	0.00
6	Aniline	1.234	1.222	1.0	72	0.00
7 S	Phenol-d6	1.336	1.324	0.9	74	0.00
8	2-Chlorophenol	1.221	1.218	0.2	73	0.00
9	Benzaldehyde	0.733	0.742	-1.2	79	0.00
10 C	Phenol	1.409	1.398	0.8	73	0.00
11	bis(2-Chloroethyl)ether	1.063	1.007	5.3	72	0.00
12	1,3-Dichlorobenzene	1.384	1.380	0.3	75	0.00
13 C	1,4-Dichlorobenzene	1.419	1.386	2.3	74	0.00
14	1,2-Dichlorobenzene	1.320	1.312	0.6	75	0.00
15	Benzyl Alcohol	0.974	1.009	-3.6	76	0.00
16	2,2'-oxybis(1-Chloropropane	1.030	0.971	5.7	71	0.00
17	2-Methylphenol	0.919	0.921	-0.2	74	0.00
18	Hexachloroethane	0.482	0.489	-1.5	76	0.00
19 P	n-Nitroso-di-n-propylamine	0.755	0.739	2.1	75	0.00
20	3+4-Methylphenols	1.143	1.164	-1.8	75	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	75	0.00
22	Acetophenone	0.439	0.433	1.4	76	0.00
23 S	Nitrobenzene-d5	0.318	0.317	0.3	76	0.00
24	Nitrobenzene	0.315	0.313	0.6	74	0.00
25	Isophorone	0.535	0.521	2.6	75	0.00
26 C	2-Nitrophenol	0.166	0.177	-6.6	77	0.00
27	2,4-Dimethylphenol	0.216	0.217	-0.5	75	0.00
28	bis(2-Chloroethoxy)methane	0.351	0.337	4.0	73	0.00
29 C	2,4-Dichlorophenol	0.293	0.293	0.0	75	0.00
30	1,2,4-Trichlorobenzene	0.343	0.337	1.7	75	0.00
31	Naphthalene	0.945	0.955	-1.1	78	0.00
32	Benzoic acid	0.175	0.191	-9.1	79	0.00
33	4-Chloroaniline	0.342	0.331	3.2	73	0.00
34 C	Hexachlorobutadiene	0.226	0.228	-0.9	76	0.00
35	Caprolactam	0.078	0.079	-1.3	75	0.00
36 C	4-Chloro-3-methylphenol	0.295	0.294	0.3	75	0.00
37	2-Methylnaphthalene	0.653	0.646	1.1	75	0.00
38	1-Methylnaphthalene	0.632	0.624	1.3	76	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	75	0.00
40	1,2,4,5-Tetrachlorobenzene	0.654	0.647	1.1	75	0.00
41 P	Hexachlorocyclopentadiene	0.201	0.202	-0.5	67	0.00
42 S	2,4,6-Tribromophenol	0.273	0.285	-4.4	77	0.00
43 C	2,4,6-Trichlorophenol	0.382	0.398	-4.2	76	0.00
44	2,4,5-Trichlorophenol	0.410	0.416	-1.5	76	0.00
45 S	2-Fluorobiphenyl	1.227	1.199	2.3	81	0.00
46	1,1'-Biphenyl	1.434	1.440	-0.4	77	0.00
47	2-Chloronaphthalene	1.113	1.107	0.5	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142207.D
 Acq On : 21 Apr 2025 18:12
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042125

Quant Time: Apr 22 02:23:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	0.261	0.265	-1.5	75	0.00
49	Acenaphthylene	1.573	1.600	-1.7	78	0.00
50	Dimethylphthalate	1.282	1.289	-0.5	77	0.00
51	2,6-Dinitrotoluene	0.288	0.289	-0.3	74	0.00
52 C	Acenaphthene	1.134	1.130	0.4	77	0.00
53	3-Nitroaniline	0.276	0.271	1.8	71	0.00
54 P	2,4-Dinitrophenol	0.141	0.147	-4.3	77	0.00
55	Dibenzofuran	1.590	1.599	-0.6	77	0.00
56 P	4-Nitrophenol	0.202	0.203	-0.5	74	0.00
57	2,4-Dinitrotoluene	0.372	0.380	-2.2	75	0.00
58	Fluorene	1.230	1.236	-0.5	78	0.00
59	2,3,4,6-Tetrachlorophenol	0.366	0.372	-1.6	76	0.00
60	Diethylphthalate	1.197	1.229	-2.7	77	0.00
61	4-Chlorophenyl-phenylether	0.677	0.674	0.4	76	0.00
62	4-Nitroaniline	0.262	0.256	2.3	71	0.00
63	Azobenzene	1.043	1.035	0.8	76	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	74	0.00
65	4,6-Dinitro-2-methylphenol	0.117	0.122	-4.3	77	0.00
66 c	n-Nitrosodiphenylamine	0.613	0.614	-0.2	77	0.00
67	4-Bromophenyl-phenylether	0.263	0.260	1.1	74	0.00
68	Hexachlorobenzene	0.313	0.311	0.6	76	0.00
69	Atrazine	0.150	0.129	14.0	95	0.00
70 C	Pentachlorophenol	0.160	0.166	-3.8	73	0.00
71	Phenanthrene	0.993	0.989	0.4	77	0.00
72	Anthracene	0.993	1.007	-1.4	77	0.00
73	Carbazole	0.868	0.835	3.8	73	0.00
74	Di-n-butylphthalate	0.898	0.950	-5.8	78	0.00
75 C	Fluoranthene	1.032	0.997	3.4	75	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	73	0.00
77	Benzidine	0.258	0.327	-26.7#	62	0.00
78	Pyrene	1.588	1.602	-0.9	73	0.00
79 S	Terphenyl-d14	1.194	1.173	1.8	77	0.00
80	Butylbenzylphthalate	0.384	0.437	-13.8	79	0.00
81	Benzo(a)anthracene	1.211	1.240	-2.4	75	0.00
82	3,3'-Dichlorobenzidine	0.361	0.366	-1.4	72	0.00
83	Chrysene	1.167	1.122	3.9	72	0.00
84	Bis(2-ethylhexyl)phthalate	0.514	0.594	-15.6	80	0.00
85 c	Di-n-octyl phthalate	0.911	1.059	-16.2	83	0.00
86 I	Perylene-d12	1.000	1.000	0.0	79	0.00
87	Indeno(1,2,3-cd)pyrene	1.403	1.347	4.0	75	0.00
88	Benzo(b)fluoranthene	1.122	1.112	0.9	77	0.00
89	Benzo(k)fluoranthene	1.108	1.063	4.1	79	0.00
90 C	Benzo(a)pyrene	1.004	0.993	1.1	79	0.00
91	Dibenzo(a,h)anthracene	1.145	1.112	2.9	75	0.00
92	Benzo(g,h,i)perylene	1.192	1.106	7.2	72	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142207.D
Acq On : 21 Apr 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF042125

Quant Time: Apr 22 02:23:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142207.D
 Acq On : 21 Apr 2025 18:12
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042125

Quant Time: Apr 22 02:23:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	73	0.00
2	1,4-Dioxane	40.000	34.924	12.7	66	-0.02
3	Pyridine	40.000	37.761	5.6	68	-0.01
4	n-Nitrosodimethylamine	40.000	38.408	4.0	70	-0.01
5 S	2-Fluorophenol	80.000	79.451	0.7	73	0.00
6	Aniline	40.000	39.617	1.0	72	0.00
7 S	Phenol-d6	80.000	79.298	0.9	74	0.00
8	2-Chlorophenol	40.000	39.905	0.2	73	0.00
9	Benzaldehyde	40.000	40.487	-1.2	79	0.00
10 C	Phenol	40.000	39.672	0.8	73	0.00
11	bis(2-Chloroethyl)ether	40.000	37.893	5.3	72	0.00
12	1,3-Dichlorobenzene	40.000	39.884	0.3	75	0.00
13 C	1,4-Dichlorobenzene	40.000	39.074	2.3	74	0.00
14	1,2-Dichlorobenzene	40.000	39.736	0.7	75	0.00
15	Benzyl Alcohol	40.000	41.444	-3.6	76	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.695	5.8	71	0.00
17	2-Methylphenol	40.000	40.076	-0.2	74	0.00
18	Hexachloroethane	40.000	40.609	-1.5	76	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.129	2.2	75	0.00
20	3+4-Methylphenols	40.000	40.753	-1.9	75	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	75	0.00
22	Acetophenone	40.000	39.487	1.3	76	0.00
23 S	Nitrobenzene-d5	80.000	79.578	0.5	76	0.00
24	Nitrobenzene	40.000	39.630	0.9	74	0.00
25	Isophorone	40.000	38.998	2.5	75	0.00
26 C	2-Nitrophenol	40.000	42.652	-6.6	77	0.00
27	2,4-Dimethylphenol	40.000	40.209	-0.5	75	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.380	4.0	73	0.00
29 C	2,4-Dichlorophenol	40.000	40.013	-0.0	75	0.00
30	1,2,4-Trichlorobenzene	40.000	39.295	1.8	75	0.00
31	Naphthalene	40.000	40.444	-1.1	78	0.00
32	Benzoic acid	40.000	39.705	0.7	79	0.00
33	4-Chloroaniline	40.000	38.724	3.2	73	0.00
34 C	Hexachlorobutadiene	40.000	40.353	-0.9	76	0.00
35	Caprolactam	40.000	40.363	-0.9	75	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.772	0.6	75	0.00
37	2-Methylnaphthalene	40.000	39.574	1.1	75	0.00
38	1-Methylnaphthalene	40.000	39.468	1.3	76	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	75	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.551	1.1	75	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.180	-0.4	67	0.00
42 S	2,4,6-Tribromophenol	80.000	83.314	-4.1	77	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.650	-4.1	76	0.00
44	2,4,5-Trichlorophenol	40.000	40.600	-1.5	76	0.00
45 S	2-Fluorobiphenyl	80.000	78.171	2.3	81	0.00
46	1,1'-Biphenyl	40.000	40.174	-0.4	77	0.00
47	2-Chloronaphthalene	40.000	39.787	0.5	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142207.D
 Acq On : 21 Apr 2025 18:12
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042125

Quant Time: Apr 22 02:23:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	40.623	-1.6	75	0.00
49	Acenaphthylene	40.000	40.684	-1.7	78	0.00
50	Dimethylphthalate	40.000	40.211	-0.5	77	0.00
51	2,6-Dinitrotoluene	40.000	40.180	-0.4	74	0.00
52 C	Acenaphthene	40.000	39.857	0.4	77	0.00
53	3-Nitroaniline	40.000	39.254	1.9	71	0.00
54 P	2,4-Dinitrophenol	40.000	41.783	-4.5	77	0.00
55	Dibenzofuran	40.000	40.248	-0.6	77	0.00
56 P	4-Nitrophenol	40.000	40.286	-0.7	74	0.00
57	2,4-Dinitrotoluene	40.000	40.884	-2.2	75	0.00
58	Fluorene	40.000	40.218	-0.5	78	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.684	-1.7	76	0.00
60	Diethylphthalate	40.000	41.055	-2.6	77	0.00
61	4-Chlorophenyl-phenylether	40.000	39.818	0.5	76	0.00
62	4-Nitroaniline	40.000	38.989	2.5	71	0.00
63	Azobenzene	40.000	39.692	0.8	76	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	74	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.814	-4.5	77	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.100	-0.3	77	0.00
67	4-Bromophenyl-phenylether	40.000	39.530	1.2	74	0.00
68	Hexachlorobenzene	40.000	39.734	0.7	76	0.00
69	Atrazine	40.000	34.609	13.5	95	0.00
70 C	Pentachlorophenol	40.000	41.635	-4.1	73	0.00
71	Phenanthrene	40.000	39.814	0.5	77	0.00
72	Anthracene	40.000	40.577	-1.4	77	0.00
73	Carbazole	40.000	38.488	3.8	73	0.00
74	Di-n-butylphthalate	40.000	42.309	-5.8	78	0.00
75 C	Fluoranthene	40.000	38.639	3.4	75	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	73	0.00
77	Benzydine	40.000	50.625	-26.6#	62	0.00
78	Pyrene	40.000	40.353	-0.9	73	0.00
79 S	Terphenyl-d14	80.000	78.632	1.7	77	0.00
80	Butylbenzylphthalate	40.000	45.455	-13.6	79	0.00
81	Benzo(a)anthracene	40.000	40.936	-2.3	75	0.00
82	3,3'-Dichlorobenzidine	40.000	40.570	-1.4	72	0.00
83	Chrysene	40.000	38.458	3.9	72	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	46.225	-15.6	80	0.00
85 c	Di-n-octyl phthalate	40.000	46.495	-16.2	83	0.00
86 I	Perylene-d12	20.000	20.000	0.0	79	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.388	4.0	75	0.00
88	Benzo(b)fluoranthene	40.000	39.633	0.9	77	0.00
89	Benzo(k)fluoranthene	40.000	38.379	4.1	79	0.00
90 C	Benzo(a)pyrene	40.000	39.543	1.1	79	0.00
91	Dibenzo(a,h)anthracene	40.000	38.855	2.9	75	0.00
92	Benzo(g,h,i)perylene	40.000	37.091	7.3	72	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142207.D
Acq On : 21 Apr 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF042125

Quant Time: Apr 22 02:23:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1833 SAS No.: Q1833 SDG No.: Q1833

Instrument ID: BNA_F Calibration Date/Time: 04/22/2025 14:11

Lab File ID: BF142210.D Init. Calib. Date(s): 04/21/2025 04/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:13 14:30

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.382	0.349		-8.6	
2-Fluorophenol	1.067	0.999		-6.4	
Phenol-d6	1.336	1.258		-5.8	
Phenol	1.409	1.334		-5.3	20.0
bis(2-Chloroethyl)ether	1.063	0.950		-10.6	
2-Chlorophenol	1.221	1.132		-7.3	
2,2-oxybis(1-Chloropropane)	1.030	0.962		-6.6	
n-Nitroso-di-n-propylamine	0.755	0.714	0.050	-5.4	
Nitrobenzene-d5	0.318	0.299		-6.0	
Hexachloroethane	0.482	0.459		-4.8	
Nitrobenzene	0.315	0.297		-5.7	
Isophorone	0.535	0.495		-7.5	
2-Nitrophenol	0.166	0.170		2.4	20.0
2,4-Dimethylphenol	0.216	0.202		-6.5	
bis(2-Chloroethoxy)methane	0.351	0.326		-7.1	
2,4-Dichlorophenol	0.293	0.267		-8.9	20.0
1,2,4-Trichlorobenzene	0.343	0.307		-10.5	
Naphthalene	0.945	0.895		-5.3	
Hexachlorobutadiene	0.226	0.202		-10.6	20.0
4-Chloro-3-methylphenol	0.295	0.271		-8.1	20.0
Hexachlorocyclopentadiene	0.201	0.182	0.050	-9.5	
2,4,6-Trichlorophenol	0.382	0.347		-9.2	20.0
2-Fluorobiphenyl	1.227	1.133		-7.7	
2-Chloronaphthalene	1.113	1.013		-9.0	
Dimethylphthalate	1.282	1.184		-7.6	
Acenaphthylene	1.573	1.460		-7.2	
2,6-Dinitrotoluene	0.288	0.265		-8.0	
Acenaphthene	1.134	1.046		-7.8	20.0
2,4-Dinitrophenol	0.141	0.138	0.050	-2.1	
4-Nitrophenol	0.202	0.175	0.050	-13.4	
2,4-Dinitrotoluene	0.372	0.351		-5.6	
Diethylphthalate	1.197	1.114		-6.9	
4-Chlorophenyl-phenylether	0.677	0.610		-9.9	
Fluorene	1.230	1.137		-7.6	
4,6-Dinitro-2-methylphenol	0.117	0.119		1.7	
n-Nitrosodiphenylamine	0.613	0.571		-6.9	20.0
Azobenzene	1.043	0.964		-7.6	
2,4,6-Tribromophenol	0.273	0.246		-9.9	
4-Bromophenyl-phenylether	0.263	0.236		-10.3	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1833 SAS No.: Q1833 SDG No.: Q1833

Instrument ID: BNA_F Calibration Date/Time: 04/22/2025 14:11

Lab File ID: BF142210.D Init. Calib. Date(s): 04/21/2025 04/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:13 14:30

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.313	0.275		-12.1	
Pentachlorophenol	0.160	0.145		-9.4	20.0
Phenanthrene	0.993	0.939		-5.4	
Anthracene	0.993	0.946		-4.7	
Di-n-butylphthalate	0.898	0.886		-1.3	
Fluoranthene	1.032	0.919		-10.9	20.0
Benzidine	0.258	0.263		1.9	
Pyrene	1.588	1.613		1.6	
Terphenyl-d14	1.194	1.182		-1.0	
Butylbenzylphthalate	0.384	0.427		11.2	
3,3-Dichlorobenzidine	0.361	0.351		-2.8	
Benzo(a)anthracene	1.211	1.114		-8.0	
Chrysene	1.167	1.055		-9.6	
Bis(2-ethylhexyl)phthalate	0.514	0.593		15.4	
Di-n-octyl phthalate	0.911	1.144		25.6	20.0
Benzo(b)fluoranthene	1.122	0.976		-13.0	
Benzo(k)fluoranthene	1.108	0.954		-13.9	
Benzo(a)pyrene	1.004	0.917		-8.7	20.0
Indeno(1,2,3-cd)pyrene	1.403	1.329		-5.3	
Dibenzo(a,h)anthracene	1.145	1.088		-5.0	
Benzo(g,h,i)perylene	1.192	1.121		-6.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142210.D
 Acq On : 22 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	390162	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	1490549	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	837728	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1387409	20.000	ng	0.00
76) Chrysene-d12	14.033	240	777716	20.000	ng	0.00
86) Perylene-d12	15.504	264	953582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1558515	74.891	ng	0.00
7) Phenol-d6	6.492	99	1962826	75.314	ng	0.00
23) Nitrobenzene-d5	7.428	82	1783908	75.163	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	823026	71.855	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3796882	73.874	ng	0.00
79) Terphenyl-d14	12.974	244	3676448	79.195	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	275984	32.671	ng	96
3) Pyridine	3.375	79	662955	36.158	ng	99
4) n-Nitrosodimethylamine	3.316	42	272648	36.623	ng	# 95
6) Aniline	6.528	93	878614	36.511	ng	97
8) 2-Chlorophenol	6.651	128	883471	37.088	ng	98
9) Benzaldehyde	6.416	77	518470	36.234	ng	99
10) Phenol	6.510	94	1041021	37.871	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	741628	35.776	ng	98
12) 1,3-Dichlorobenzene	6.810	146	986001	36.527	ng	99
13) 1,4-Dichlorobenzene	6.886	146	998310	36.059	ng	99
14) 1,2-Dichlorobenzene	7.039	146	945229	36.700	ng	98
15) Benzyl Alcohol	7.010	79	742392	39.068	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	750685	37.360	ng	97
17) 2-Methylphenol	7.116	107	673463	37.564	ng	98
18) Hexachloroethane	7.381	117	358394	38.106	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	557433	37.824	ng	98
20) 3+4-Methylphenols	7.269	107	864129	38.755	ng	94
22) Acetophenone	7.275	105	1199418	36.660	ng	97
24) Nitrobenzene	7.451	77	886795	37.715	ng	99
25) Isophorone	7.686	82	1476859	37.070	ng	99
26) 2-Nitrophenol	7.763	139	507591	41.069	ng	97
27) 2,4-Dimethylphenol	7.798	122	602202	37.473	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	971684	37.162	ng	99
29) 2,4-Dichlorophenol	8.004	162	796342	36.435	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	914103	35.763	ng	100
31) Naphthalene	8.169	128	2669065	37.907	ng	99
32) Benzoic acid	7.910	122	486450	34.933	ng	98
33) 4-Chloroaniline	8.222	127	920273	36.096	ng	99
34) Hexachlorobutadiene	8.286	225	603040	35.751	ng	98
35) Caprolactam	8.580	113	217693	37.336	ng	92
36) 4-Chloro-3-methylphenol	8.698	107	808893	36.765	ng	99
37) 2-Methylnaphthalene	8.863	142	1771486	36.404	ng	99
38) 1-Methylnaphthalene	8.963	142	1720573	36.518	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	969124	35.356	ng	99
41) Hexachlorocyclopentadiene	9.016	237	304734	36.256	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	581348	36.328	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142210.D
 Acq On : 22 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

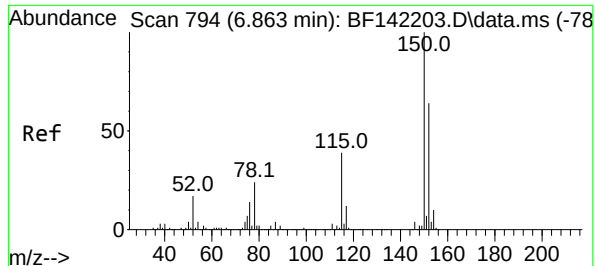
Quant Time: Apr 22 15:10:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	614311	35.813	ng	99
46) 1,1'-Biphenyl	9.322	154	2269501	37.780	ng	97
47) 2-Chloronaphthalene	9.351	162	1697350	36.402	ng	99
48) 2-Nitroaniline	9.445	65	424788	38.865	ng	94
49) Acenaphthylene	9.769	152	2446730	37.124	ng	99
50) Dimethylphthalate	9.622	163	1983716	36.932	ng	99
51) 2,6-Dinitrotoluene	9.686	165	443208	36.753	ng	98
52) Acenaphthene	9.939	154	1751751	36.884	ng	99
53) 3-Nitroaniline	9.857	138	410794	35.552	ng	94
54) 2,4-Dinitrophenol	9.963	184	231384	39.176	ng	96
55) Dibenzofuran	10.110	168	2475214	37.175	ng	99
56) 4-Nitrophenol	10.022	139	293716	34.750	ng	99
57) 2,4-Dinitrotoluene	10.092	165	588403	37.778	ng	99
58) Fluorene	10.451	166	1904798	36.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	558460	36.416	ng	100
60) Diethylphthalate	10.322	149	1866878	37.222	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1021558	36.021	ng	99
62) 4-Nitroaniline	10.469	138	386520	35.193	ng	99
63) Azobenzene	10.604	77	1615035	36.980	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	329979	40.745	ng	97
66) n-Nitrosodiphenylamine	10.563	169	1585787	37.293	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	655610	35.932	ng	97
68) Hexachlorobenzene	10.998	284	764272	35.198	ng	97
69) Atrazine	11.086	200	474910	45.766	ng	99
70) Pentachlorophenol	11.198	266	401505	36.247	ng	99
71) Phenanthrene	11.416	178	2606889	37.837	ng	98
72) Anthracene	11.469	178	2625095	38.106	ng	98
73) Carbazole	11.621	167	2171037	36.073	ng	100
74) Di-n-butylphthalate	11.951	149	2457628	39.454	ng	99
75) Fluoranthene	12.604	202	2550696	35.616	ng	99
77) Benzidine	12.727	184	409464	40.799	ng	99
78) Pyrene	12.833	202	2509215	40.623	ng	99
80) Butylbenzylphthalate	13.451	149	664070	44.418	ng	98
81) Benzo(a)anthracene	14.021	228	1732930	36.789	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	545445	38.885	ng	100
83) Chrysene	14.057	228	1640659	36.150	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	922062	46.101	ng	99
85) Di-n-octyl phthalate	14.621	149	1778874	50.216	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	2534368	37.880	ng	99
88) Benzo(b)fluoranthene	15.074	252	1861922	34.803	ng	99
89) Benzo(k)fluoranthene	15.104	252	1820142	34.446	ng	99
90) Benzo(a)pyrene	15.445	252	1748823	36.526	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	2074575	38.012	ng	100
92) Benzo(g,h,i)perylene	17.445	276	2138331	37.617	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

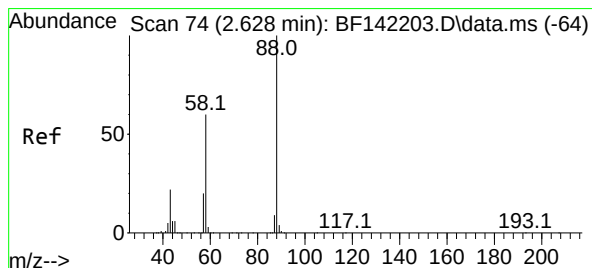
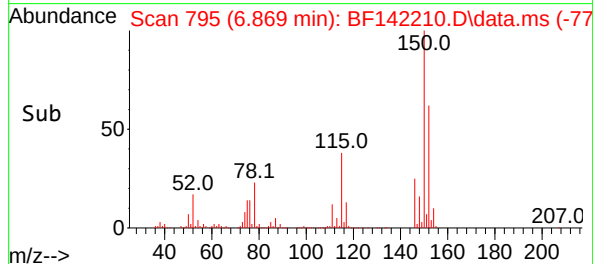
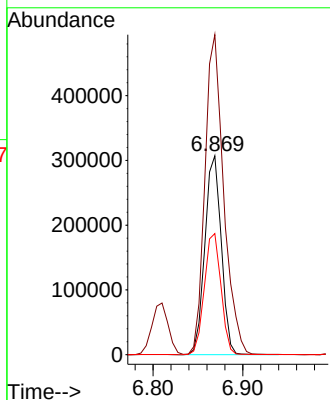
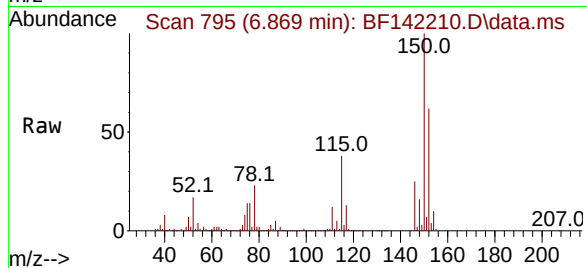
[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF142210.D
 Acq: 22 Apr 2025 14:11

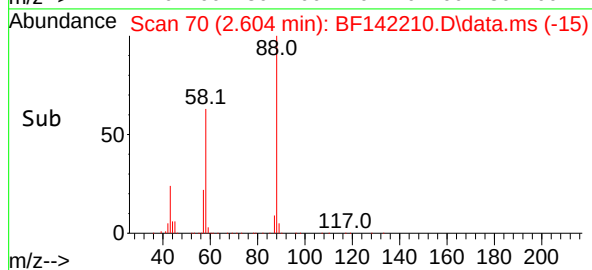
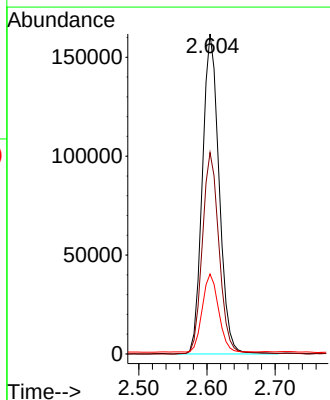
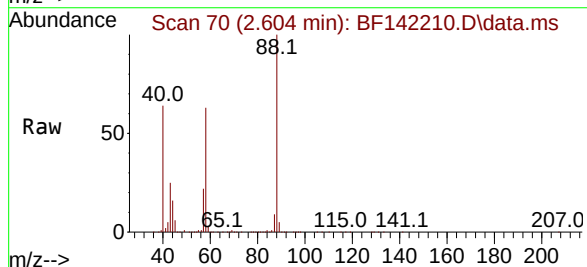
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

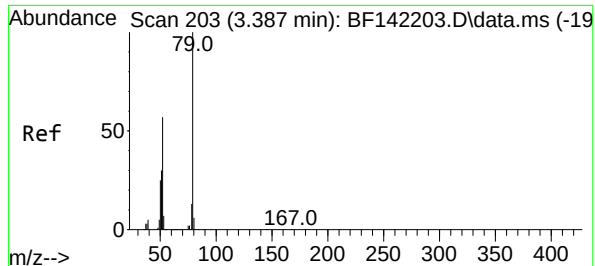
Tgt Ion:152 Resp: 390162
 Ion Ratio Lower Upper
 152 100
 150 160.9 126.4 189.6
 115 60.9 49.4 74.2



#2
 1,4-Dioxane
 Concen: 32.671 ng
 RT: 2.604 min Scan# 70
 Delta R.T. -0.024 min
 Lab File: BF142210.D
 Acq: 22 Apr 2025 14:11

Tgt Ion: 88 Resp: 275984
 Ion Ratio Lower Upper
 88 100
 58 63.1 47.8 71.6
 43 23.9 17.8 26.8

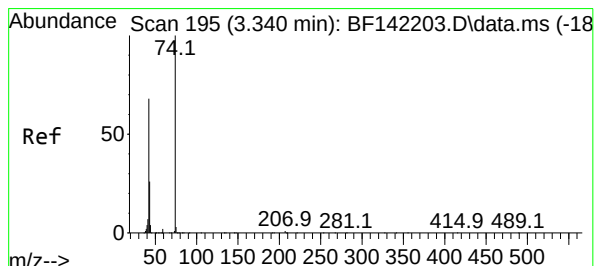
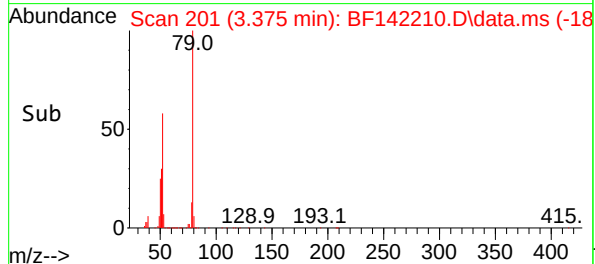
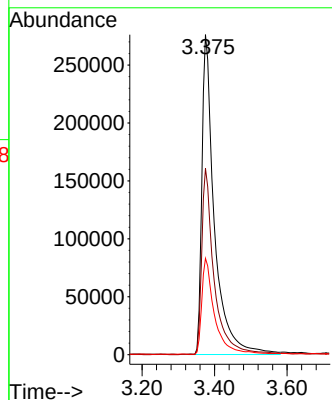
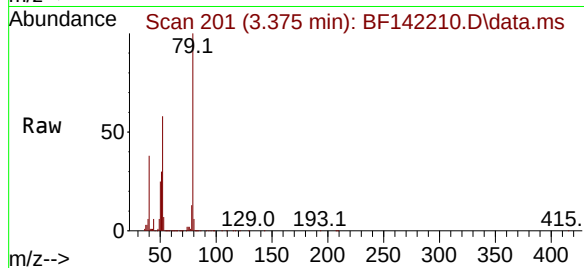




#3
Pyridine
Concen: 36.158 ng
RT: 3.375 min Scan# 203
Delta R.T. -0.012 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

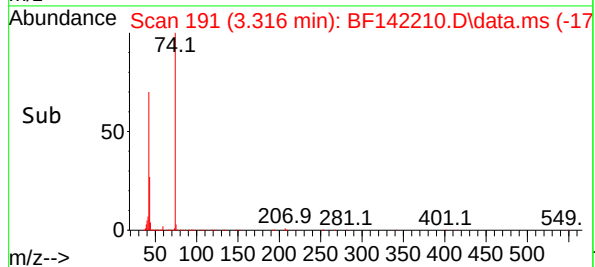
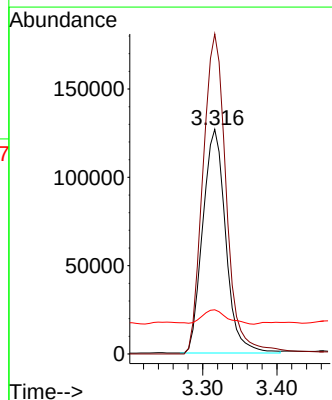
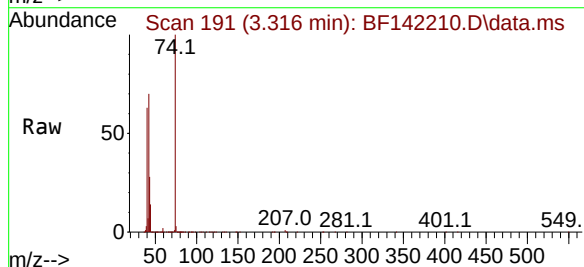
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

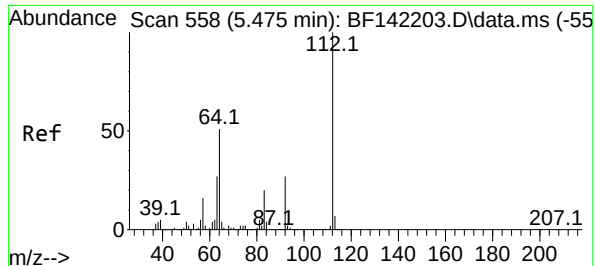
Tgt Ion: 79 Resp: 662955
Ion Ratio Lower Upper
79 100
52 58.2 45.8 68.8
51 30.1 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 36.623 ng
RT: 3.316 min Scan# 191
Delta R.T. -0.024 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 42 Resp: 272648
Ion Ratio Lower Upper
42 100
74 142.5 117.4 176.0
44 19.7 9.5 14.3

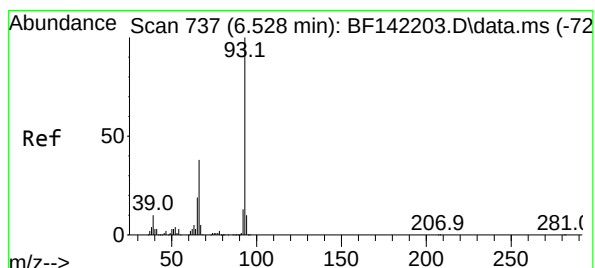
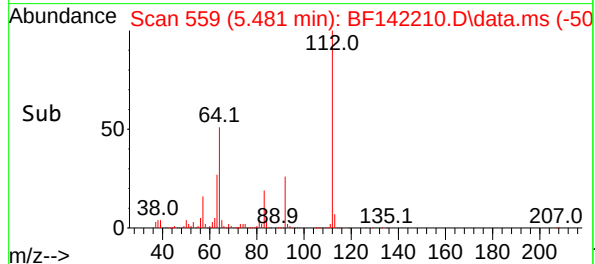
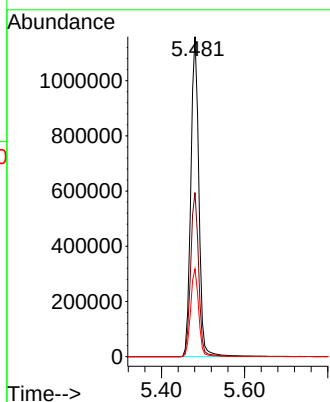
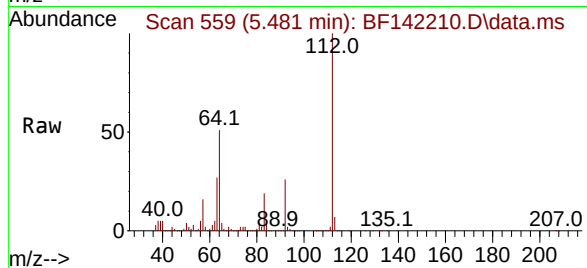




#5
2-Fluorophenol
Concen: 74.891 ng
RT: 5.481 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

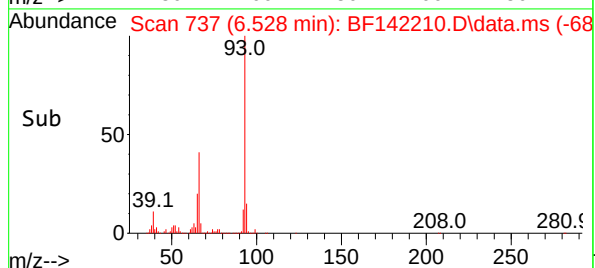
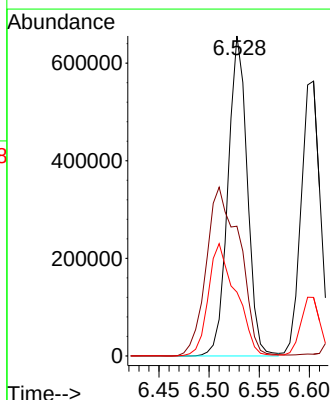
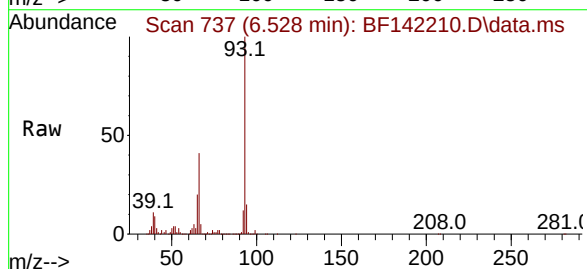
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

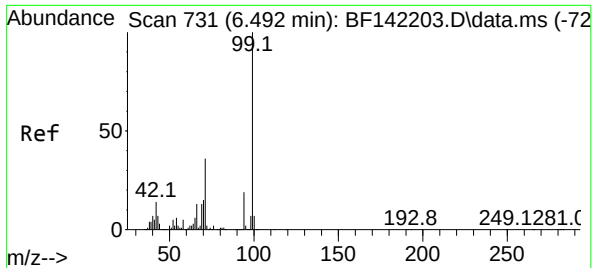
Tgt Ion:112 Resp: 1558515
Ion Ratio Lower Upper
112 100
64 51.3 40.9 61.3
63 27.5 22.0 33.0



#6
Aniline
Concen: 36.511 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 93 Resp: 878614
Ion Ratio Lower Upper
93 100
66 40.5 30.9 46.3
65 20.0 15.1 22.7





#7

Phenol-d6

Concen: 75.314 ng

RT: 6.492 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

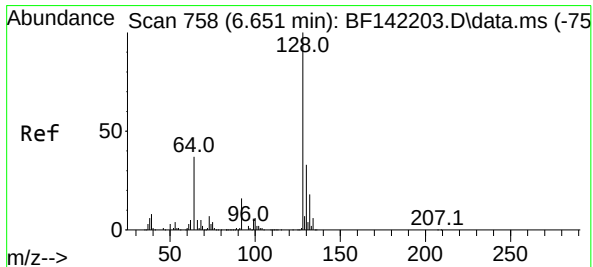
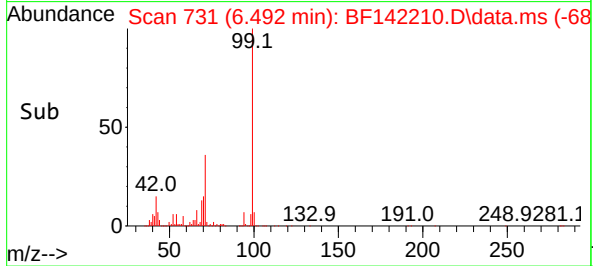
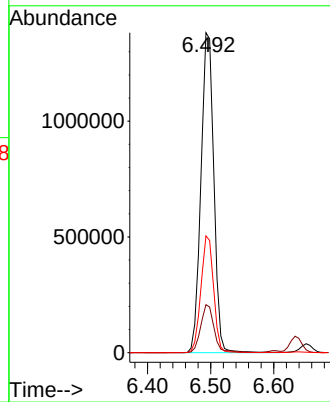
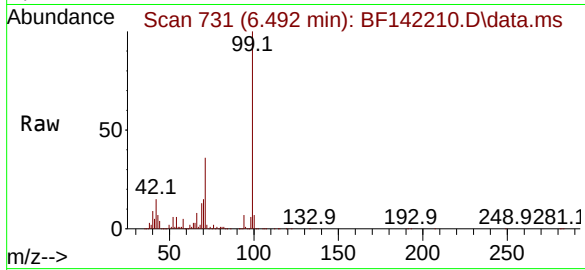
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1962826

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.5	17.3
71	36.5	28.6	42.8



#8

2-Chlorophenol

Concen: 37.088 ng

RT: 6.651 min Scan# 758

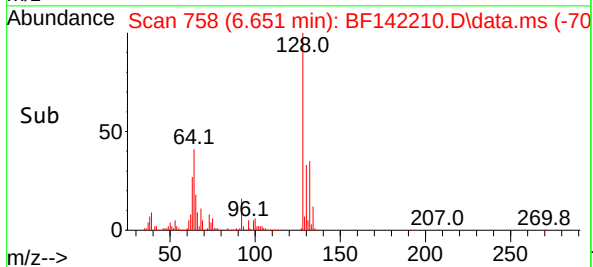
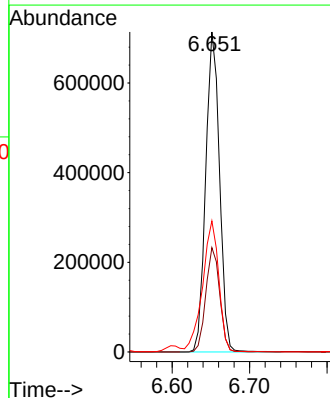
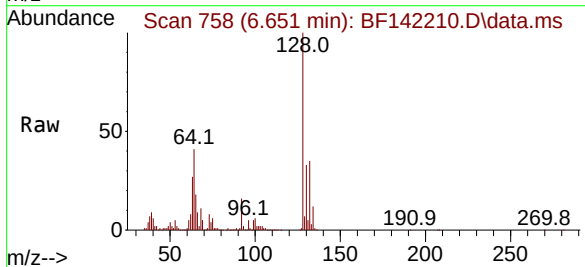
Delta R.T. -0.000 min

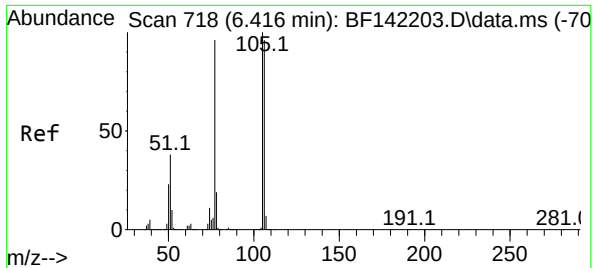
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion: 128 Resp: 883471

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	41.0	18.8	58.8

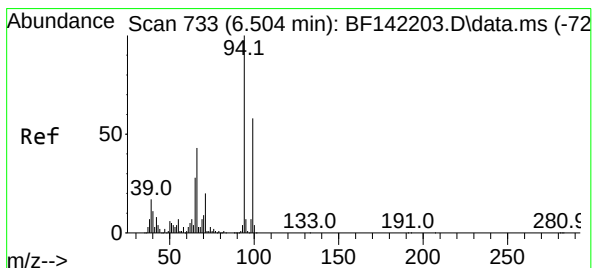
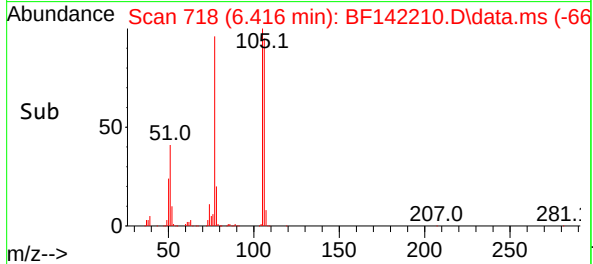
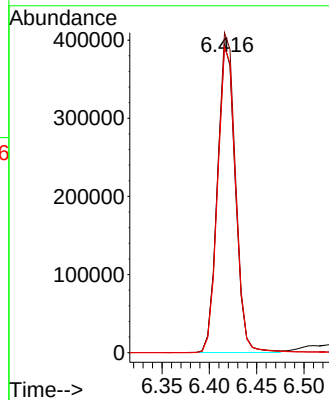
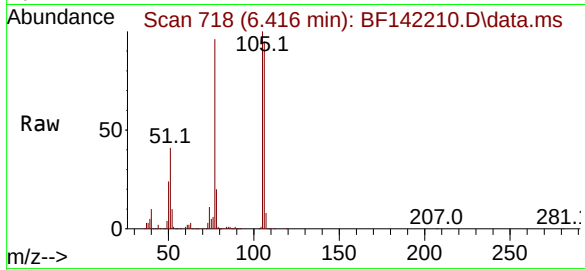




#9
Benzaldehyde
Concen: 36.234 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

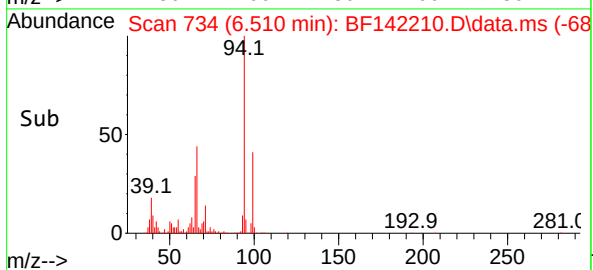
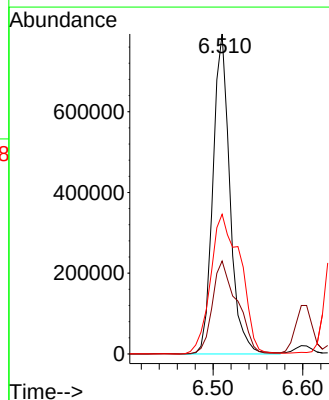
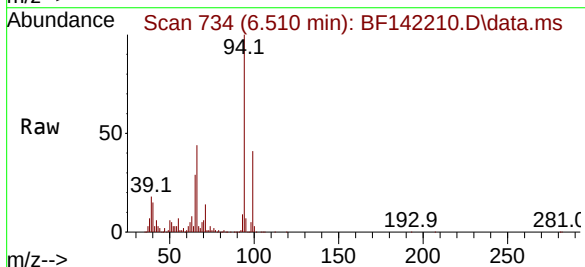
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

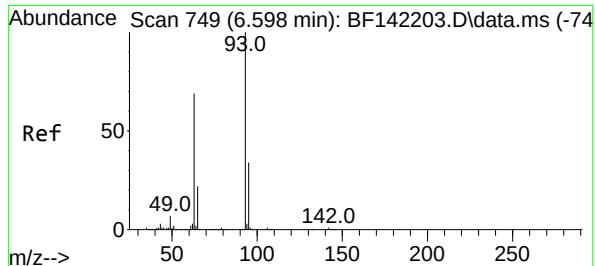
Tgt Ion: 77 Resp: 518470
Ion Ratio Lower Upper
77 100
105 103.8 84.4 124.4
106 99.1 80.3 120.3



#10
Phenol
Concen: 37.871 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 94 Resp: 1041021
Ion Ratio Lower Upper
94 100
65 29.1 8.1 48.1
66 43.6 22.7 62.7

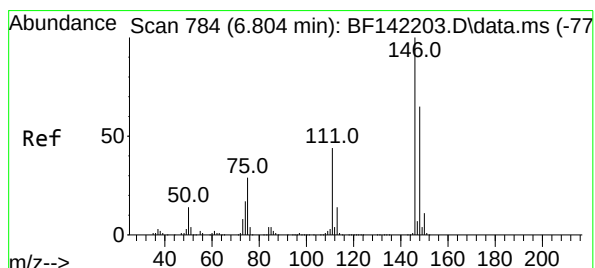
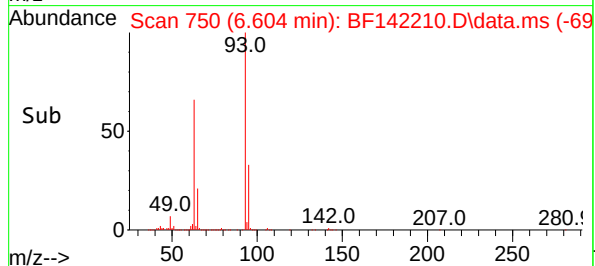
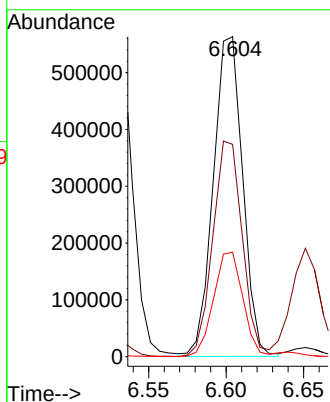
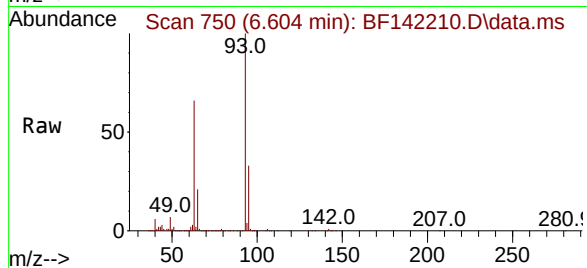




#11
bis(2-Chloroethyl)ether
Concen: 35.776 ng
RT: 6.604 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

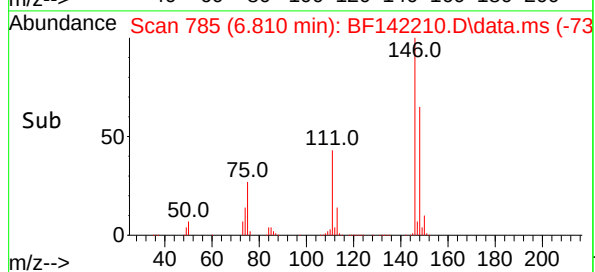
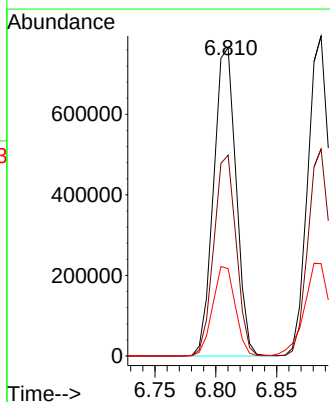
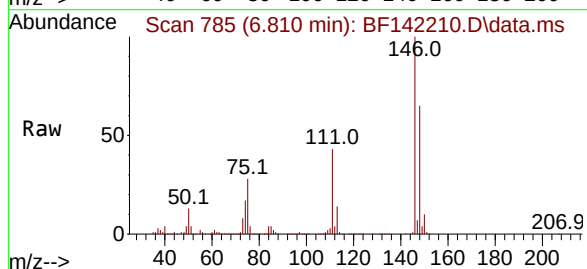
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

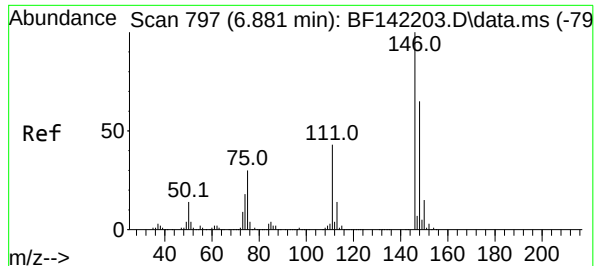
Tgt Ion: 93 Resp: 741628
Ion Ratio Lower Upper
93 100
63 66.4 47.9 87.9
95 32.7 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 36.527 ng
RT: 6.810 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 146 Resp: 986001
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 28.3 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 36.059 ng

RT: 6.886 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

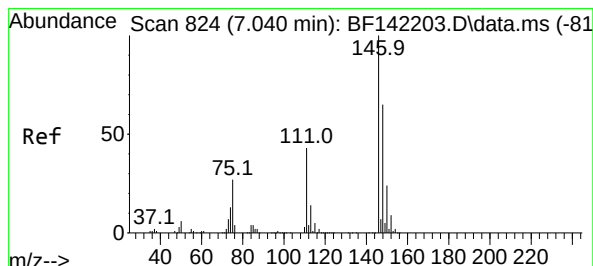
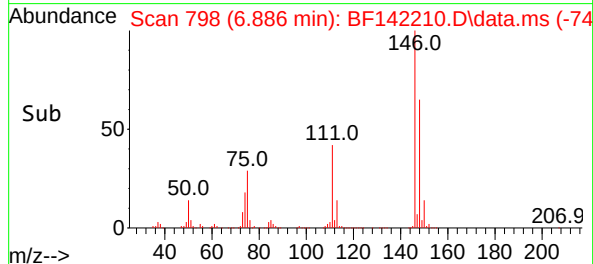
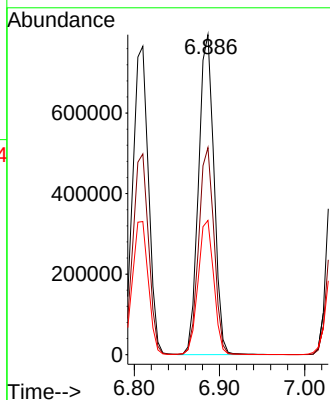
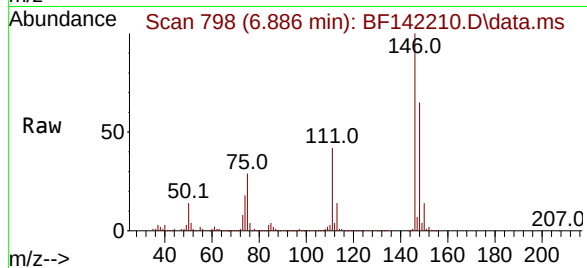
Tgt Ion:146 Resp: 998310

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

111 42.0 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 36.700 ng

RT: 7.039 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

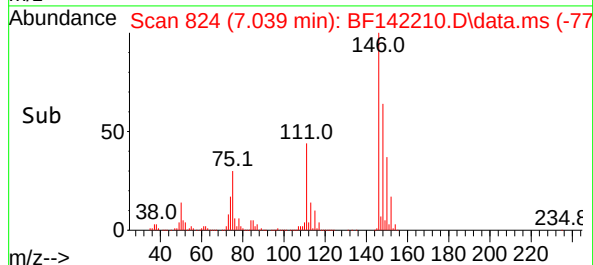
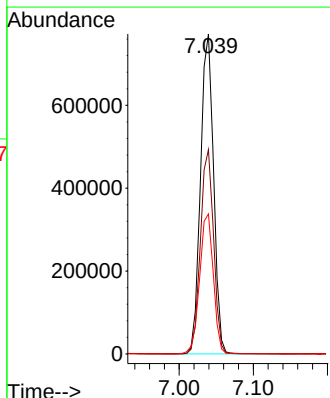
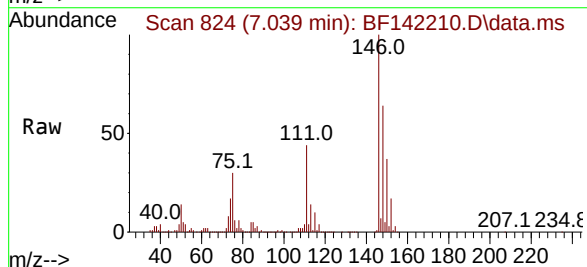
Tgt Ion:146 Resp: 945229

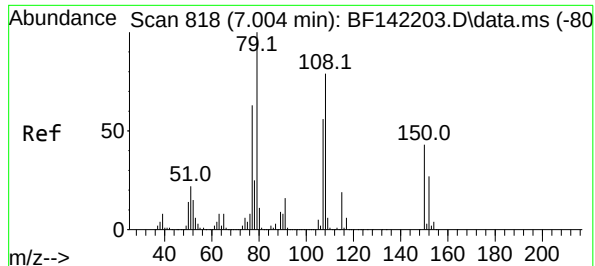
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

111 43.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 39.068 ng

RT: 7.010 min Scan# 818

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

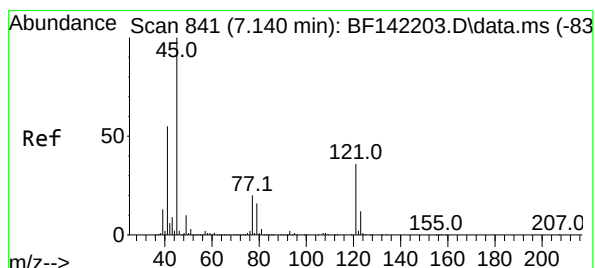
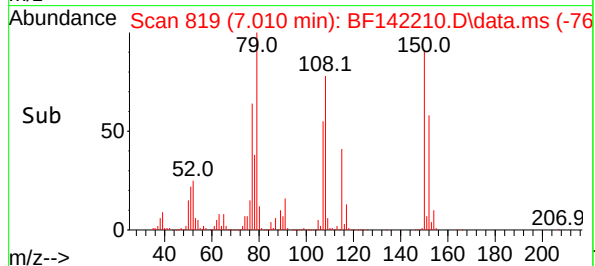
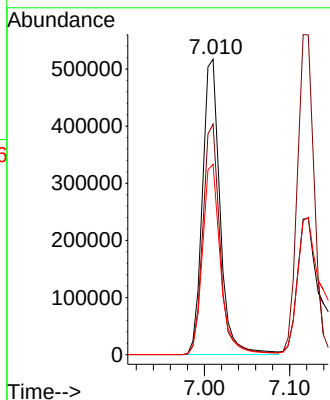
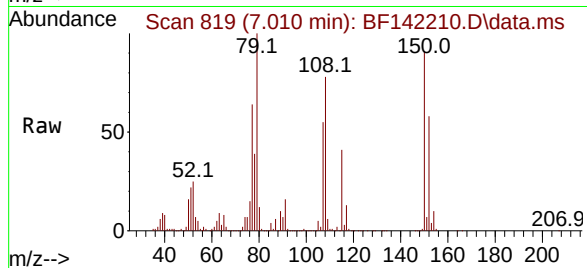
Tgt Ion: 79 Resp: 742392

Ion Ratio Lower Upper

79 100

108 78.1 63.1 94.7

77 64.4 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.360 ng

RT: 7.139 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

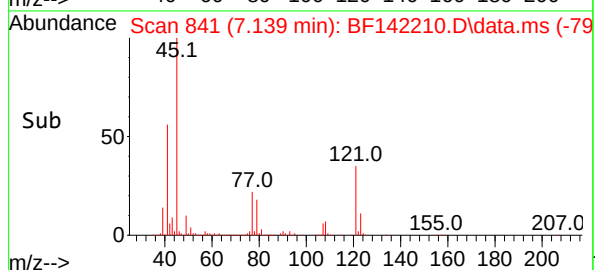
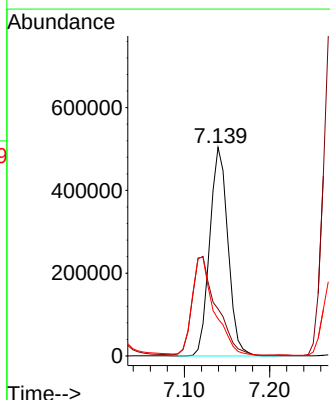
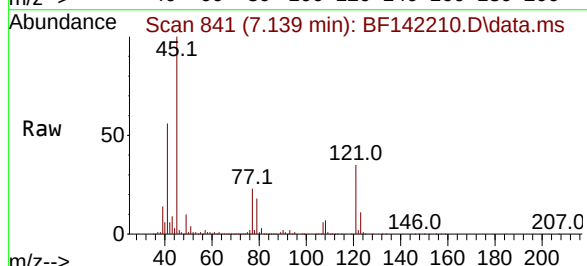
Tgt Ion: 45 Resp: 750685

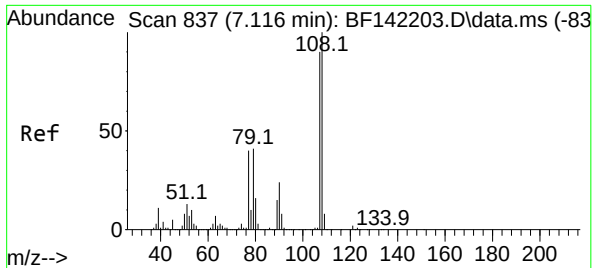
Ion Ratio Lower Upper

45 100

77 22.6 1.4 41.4

79 17.8 0.0 36.7

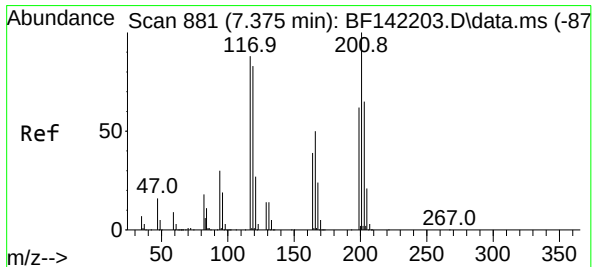
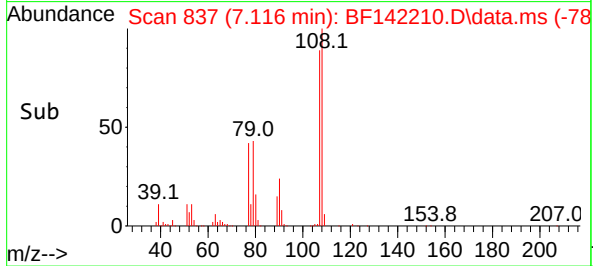
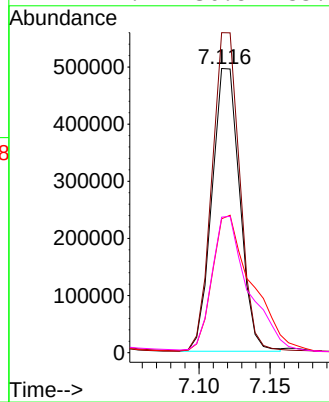
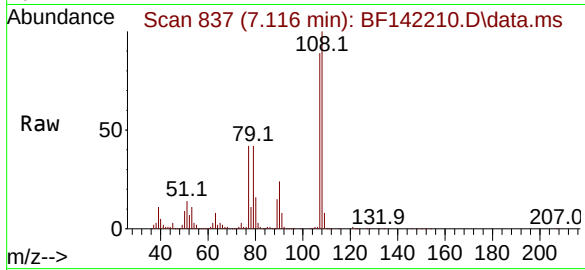




#17
2-Methylphenol
Concen: 37.564 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

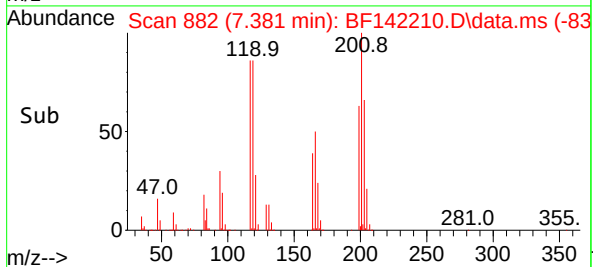
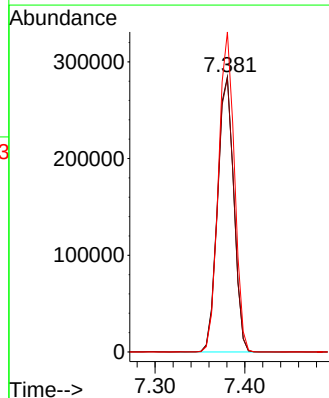
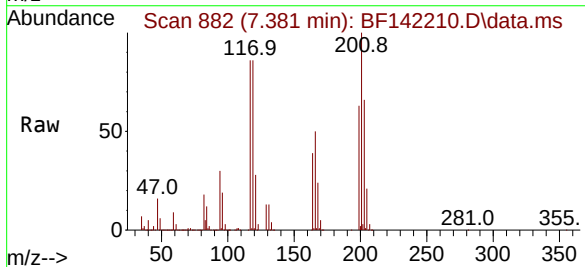
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

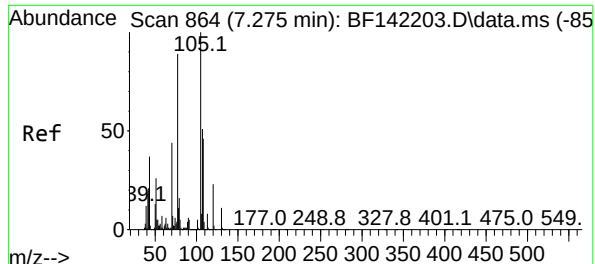
Tgt Ion:107 Resp: 673463
Ion Ratio Lower Upper
107 100
108 112.6 89.4 134.2
77 47.1 36.3 54.5
79 47.7 36.8 55.2



#18
Hexachloroethane
Concen: 38.106 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:117 Resp: 358394
Ion Ratio Lower Upper
117 100
119 99.6 75.8 113.8
201 116.3 91.4 137.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.824 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF142210.D

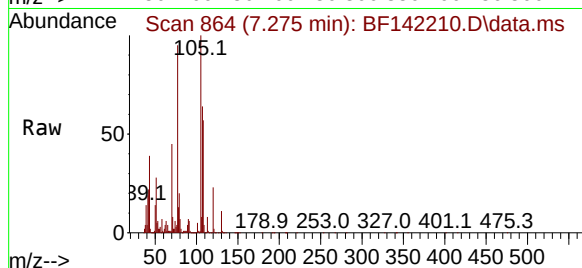
Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 557433

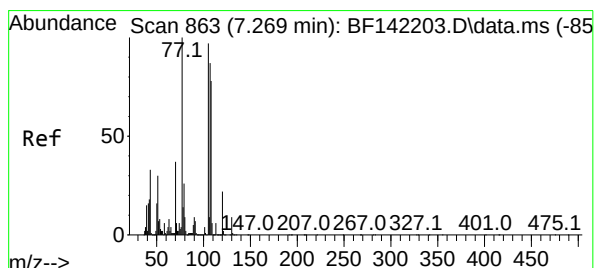
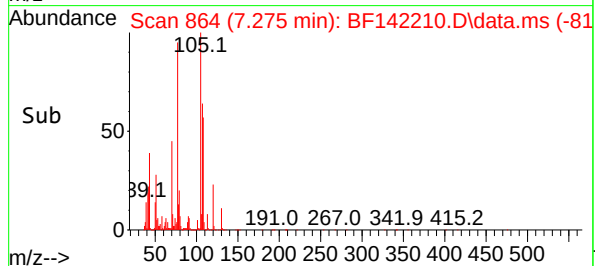
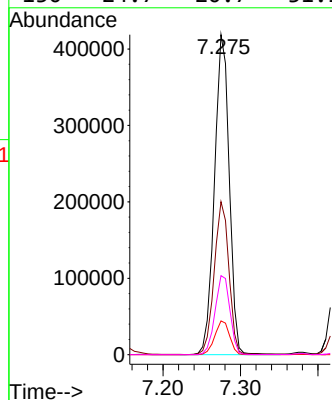
Ion Ratio Lower Upper

70 100

42 47.8 37.4 56.0

101 10.6 8.6 13.0

130 24.7 20.7 31.1



#20

3+4-Methylphenols

Concen: 38.755 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion: 107 Resp: 864129

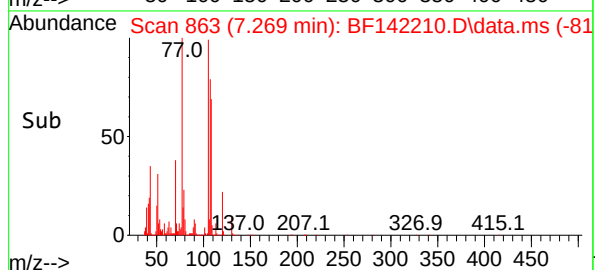
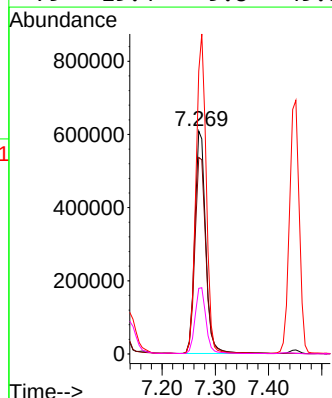
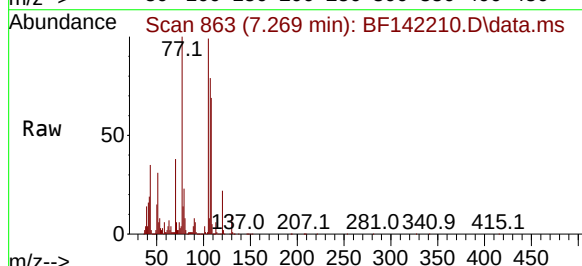
Ion Ratio Lower Upper

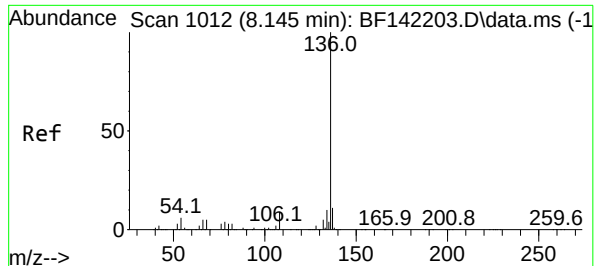
107 100

108 88.1 69.8 109.8

77 126.9 94.5 134.5

79 29.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

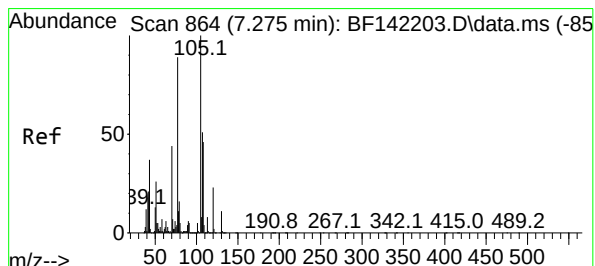
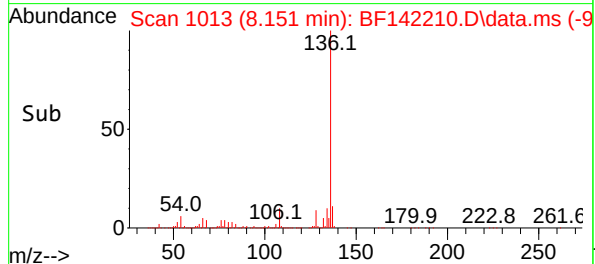
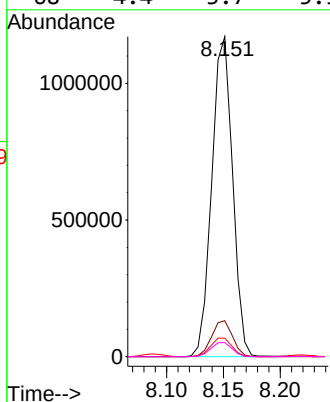
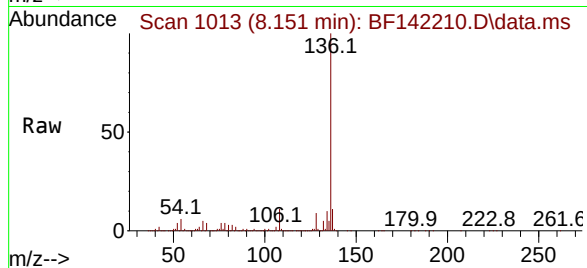
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1490549

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.8	4.7	7.1
68	4.4	3.7	5.5



#22

Acetophenone

Concen: 36.660 ng

RT: 7.275 min Scan# 864

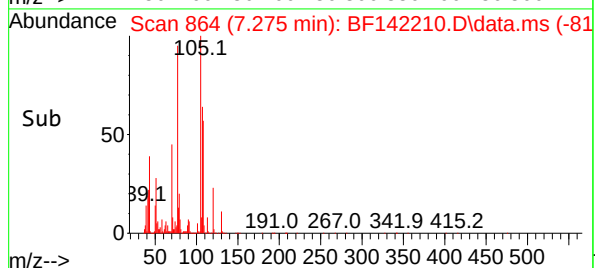
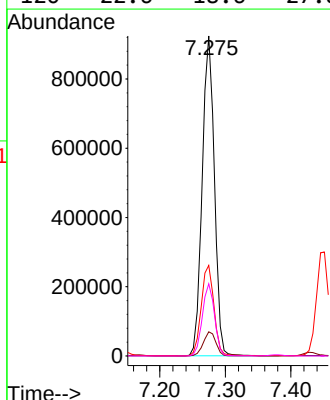
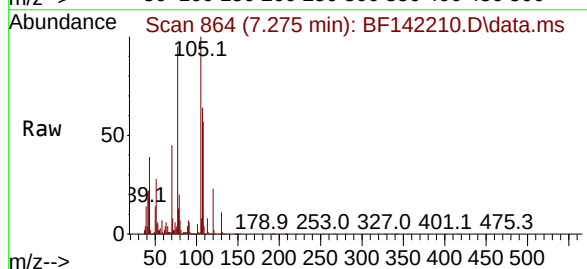
Delta R.T. -0.000 min

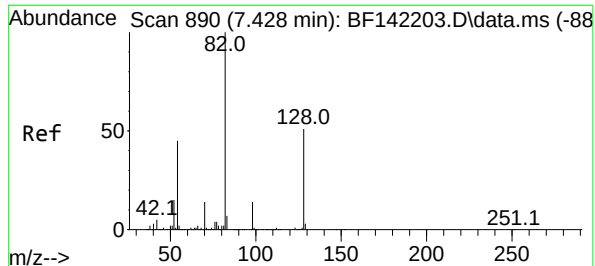
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:105 Resp: 1199418

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.8	8.8
51	28.3	20.9	31.3
120	22.6	18.6	27.8





#23

Nitrobenzene-d5

Concen: 75.163 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

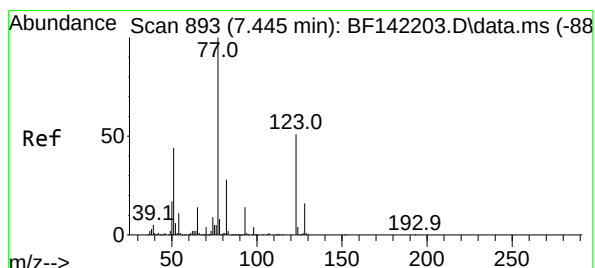
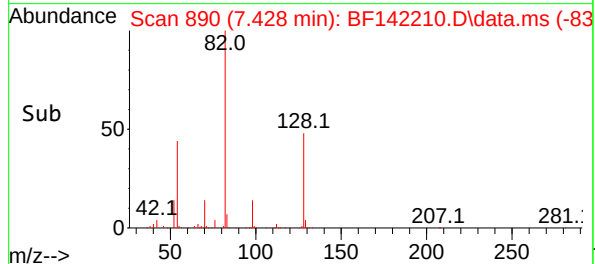
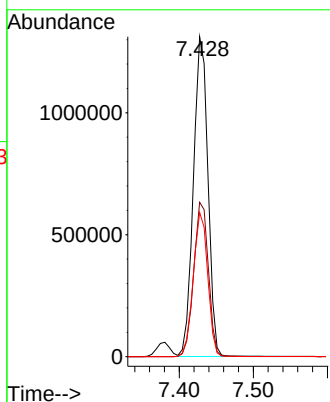
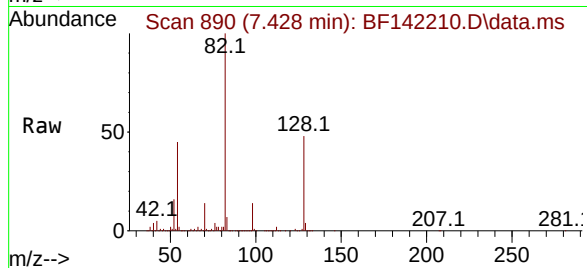
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1783908

Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.2	60.2
54	45.1	35.5	53.3



#24

Nitrobenzene

Concen: 37.715 ng

RT: 7.451 min Scan# 894

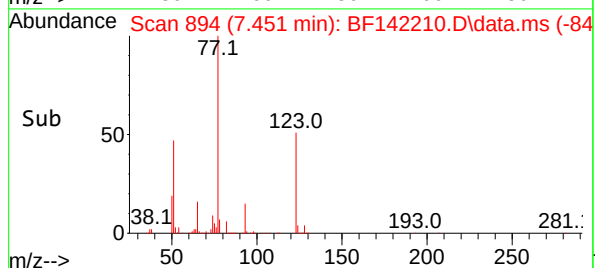
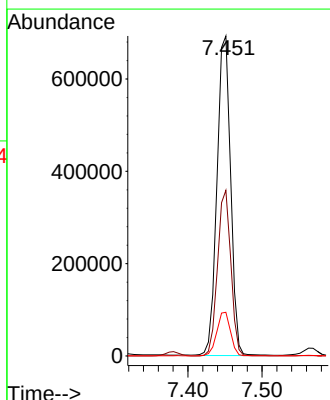
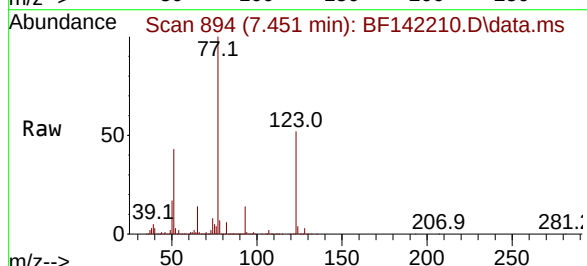
Delta R.T. 0.006 min

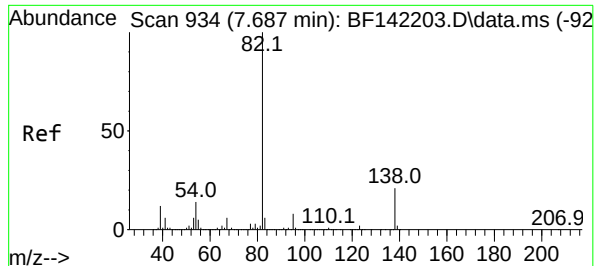
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion: 77 Resp: 886795

Ion	Ratio	Lower	Upper
77	100		
123	51.7	40.7	61.1
65	13.6	10.9	16.3





#25

Isophorone

Concen: 37.070 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

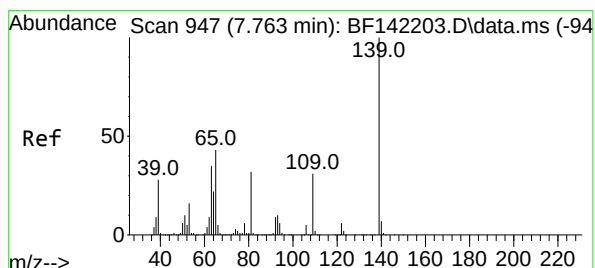
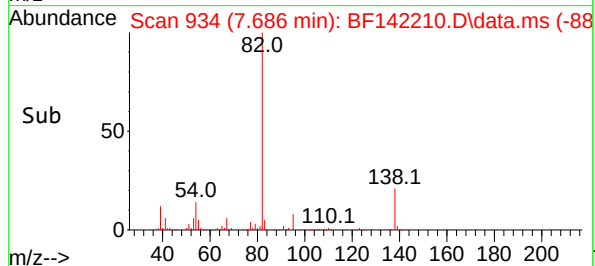
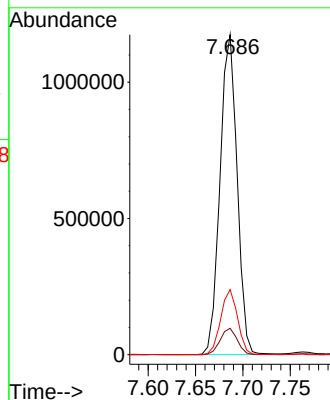
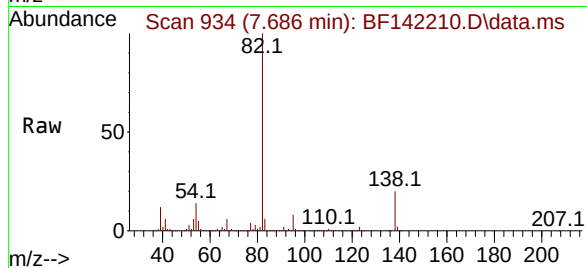
Tgt Ion: 82 Resp: 1476859

Ion Ratio Lower Upper

82 100

95 8.3 6.5 9.7

138 20.3 16.9 25.3



#26

2-Nitrophenol

Concen: 41.069 ng

RT: 7.763 min Scan# 947

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

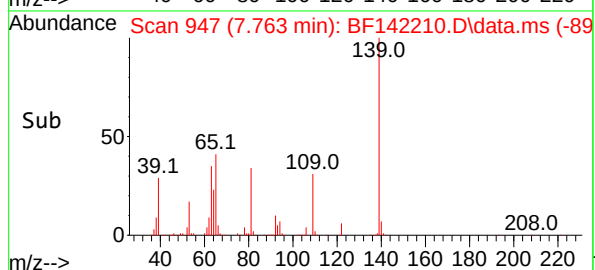
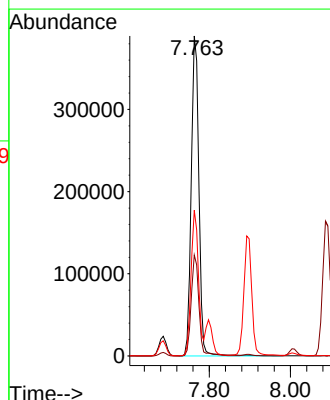
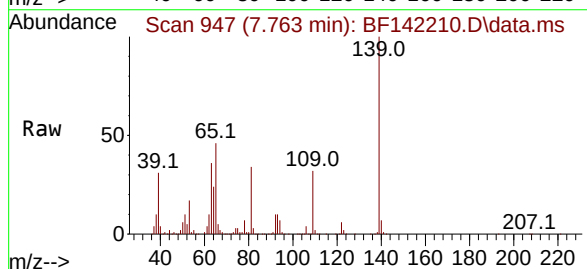
Tgt Ion:139 Resp: 507591

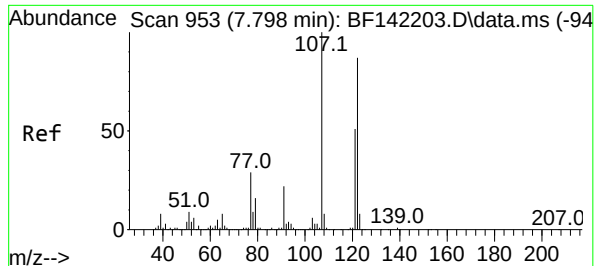
Ion Ratio Lower Upper

139 100

109 31.5 24.4 36.6

65 45.6 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 37.473 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

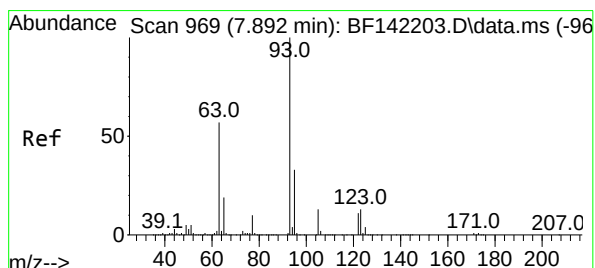
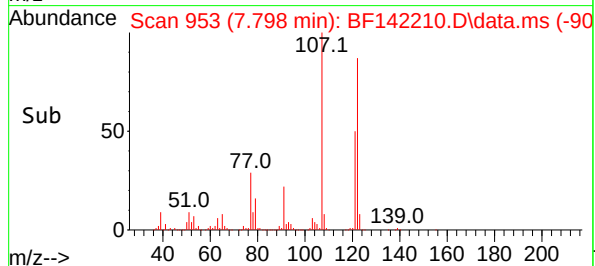
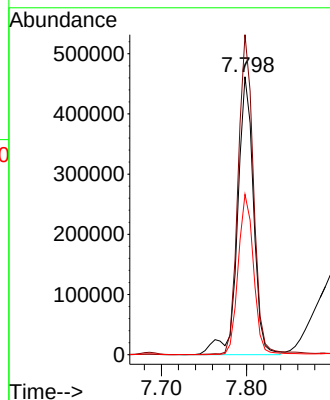
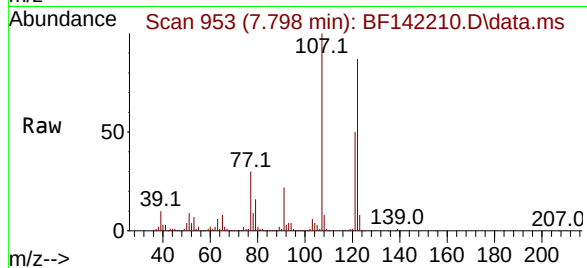
Tgt Ion:122 Resp: 602202

Ion Ratio Lower Upper

122 100

107 115.1 91.6 137.4

121 57.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.162 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

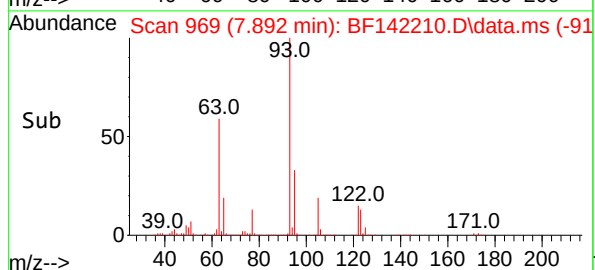
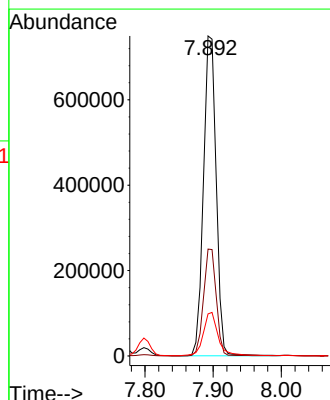
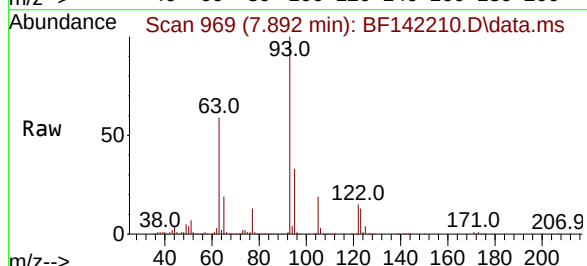
Tgt Ion: 93 Resp: 971684

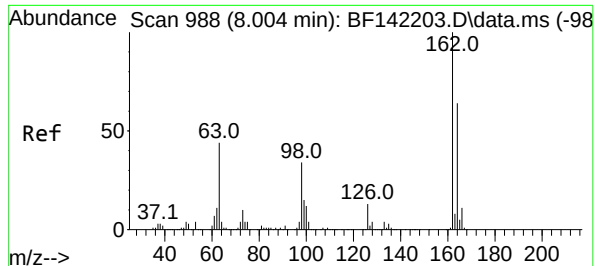
Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

123 13.2 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 36.435 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

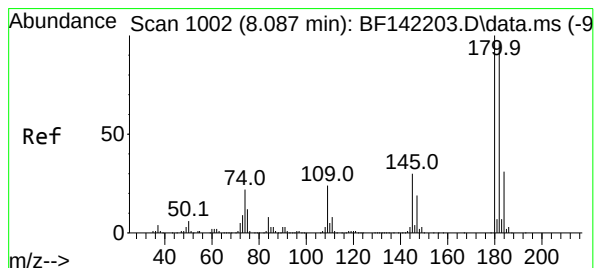
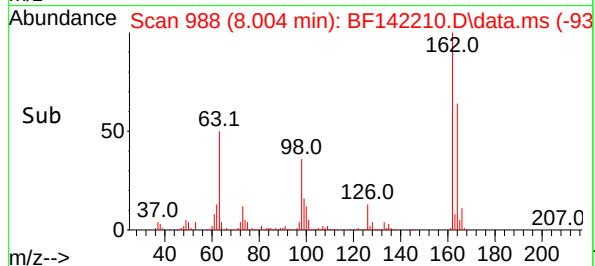
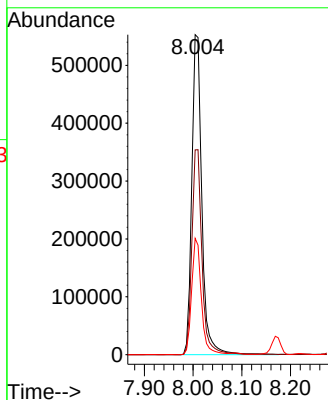
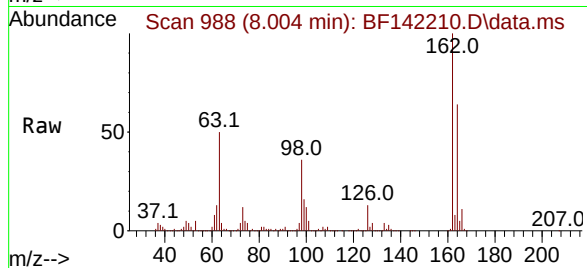
Tgt Ion:162 Resp: 796342

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 36.3 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 35.763 ng

RT: 8.092 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

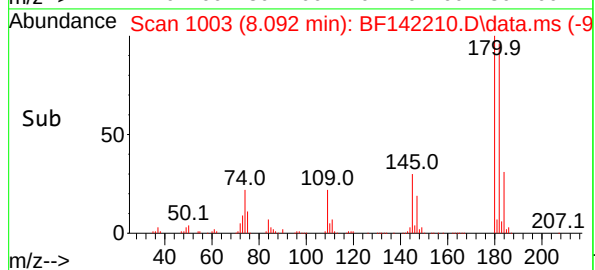
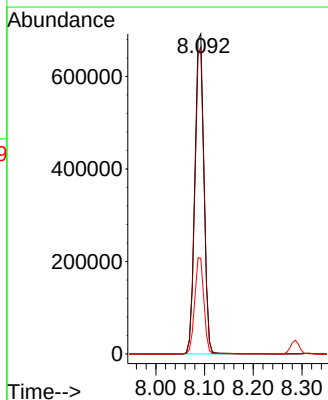
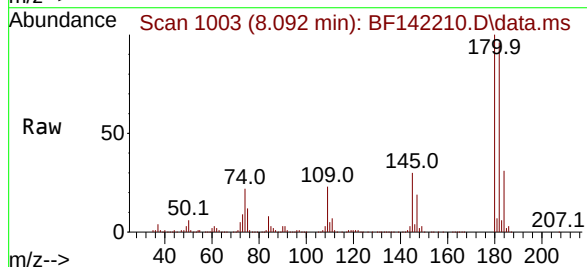
Tgt Ion:180 Resp: 914103

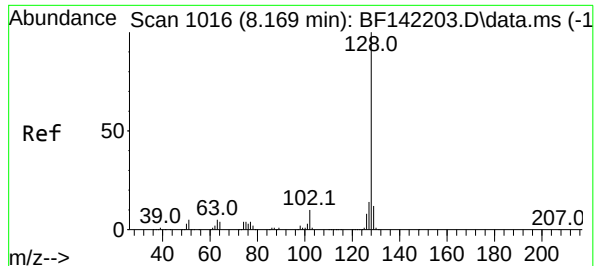
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 29.9 24.3 36.5





#31

Naphthalene

Concen: 37.907 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

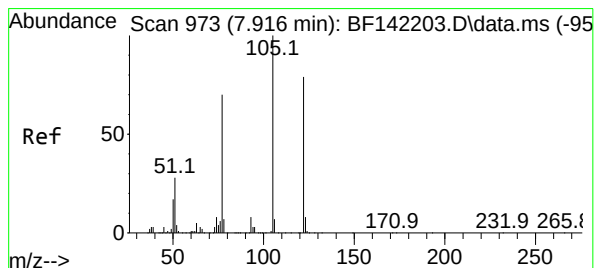
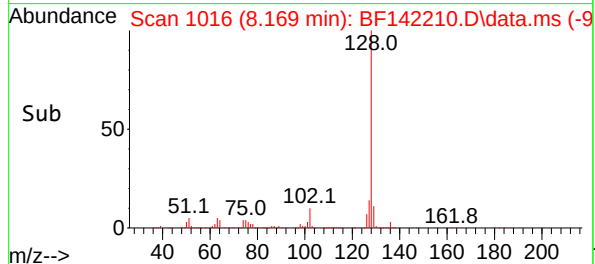
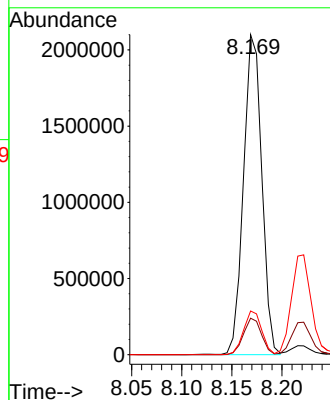
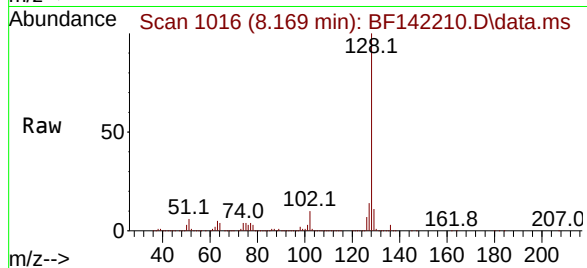
Tgt Ion:128 Resp: 2669065

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

127 13.6 11.4 17.0



#32

Benzoic acid

Concen: 34.933 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

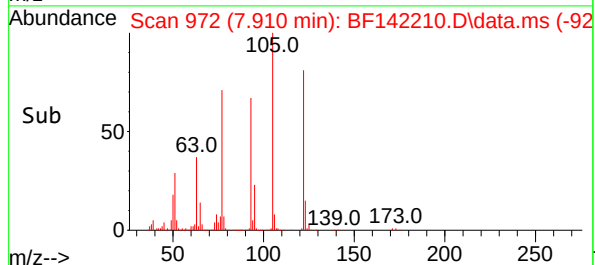
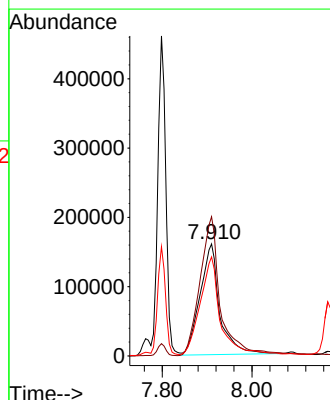
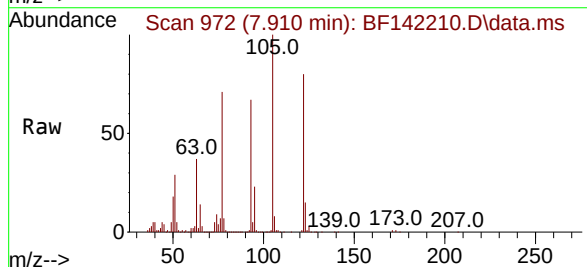
Tgt Ion:122 Resp: 486450

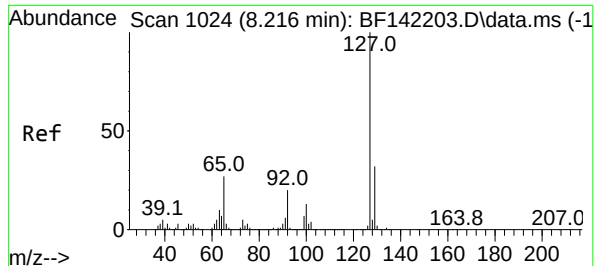
Ion Ratio Lower Upper

122 100

105 124.3 101.5 141.5

77 88.4 66.6 106.6





#33

4-Chloroaniline

Concen: 36.096 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 920273

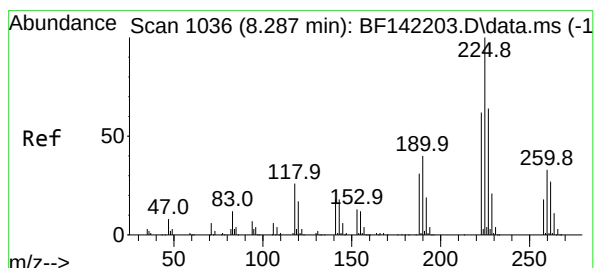
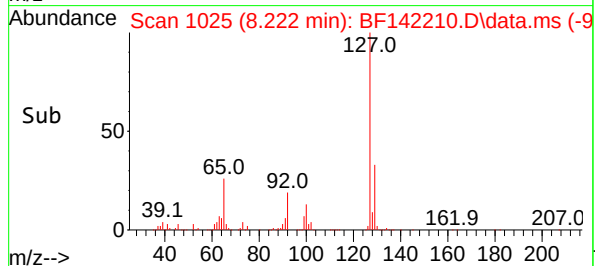
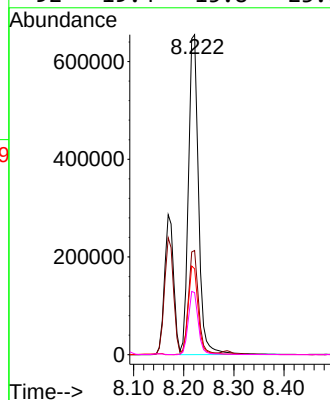
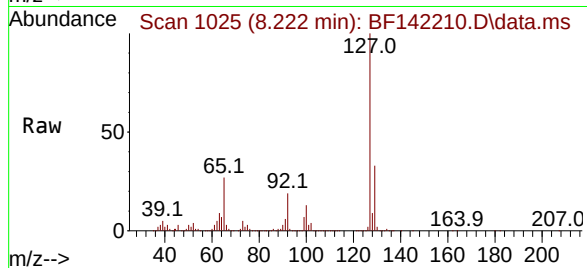
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 26.8 21.8 32.6

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 35.751 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

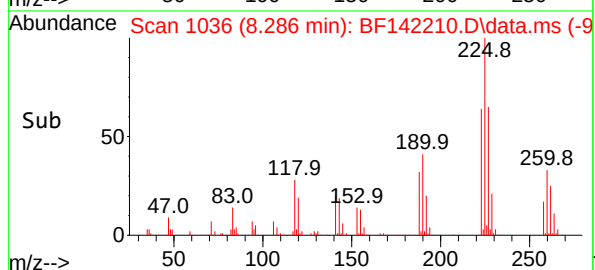
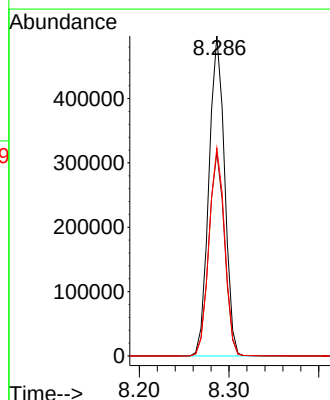
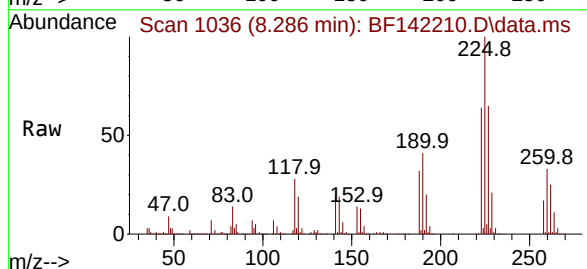
Tgt Ion:225 Resp: 603040

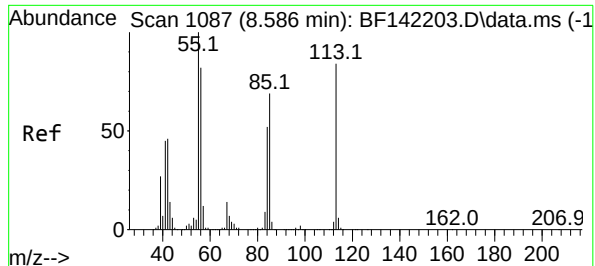
Ion Ratio Lower Upper

225 100

223 63.5 49.4 74.2

227 64.9 51.4 77.2





#35

Caprolactam

Concen: 37.336 ng

RT: 8.580 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

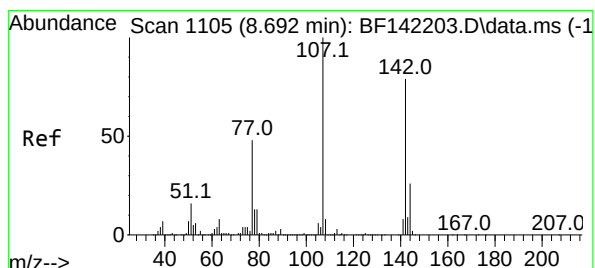
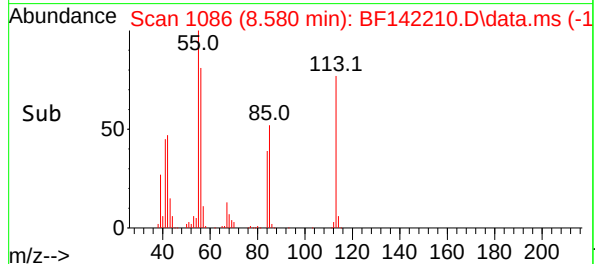
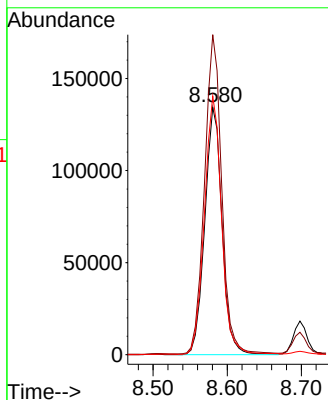
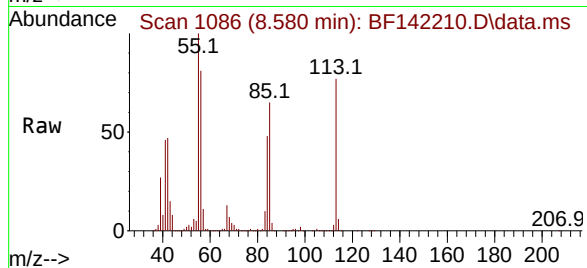
Tgt Ion:113 Resp: 217693

Ion Ratio Lower Upper

113 100

55 129.3 99.5 139.5

56 104.5 78.1 118.1



#36

4-Chloro-3-methylphenol

Concen: 36.765 ng

RT: 8.698 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

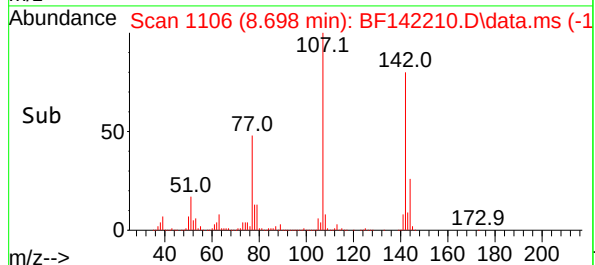
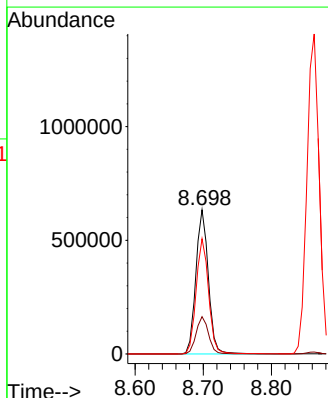
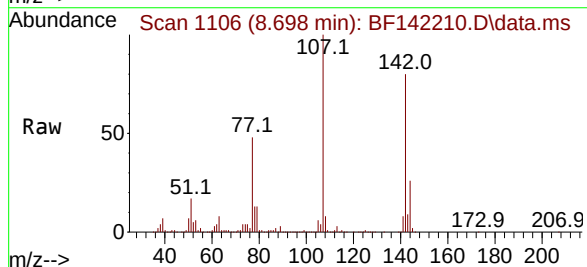
Tgt Ion:107 Resp: 808893

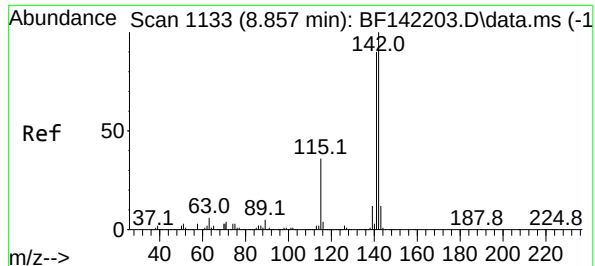
Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

142 79.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 36.404 ng

RT: 8.863 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

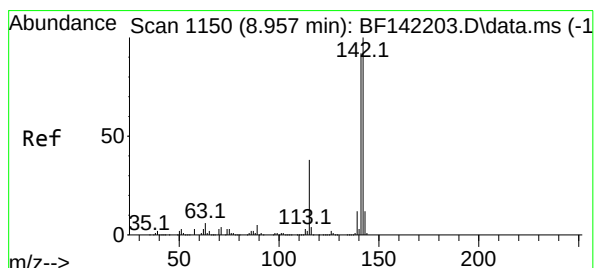
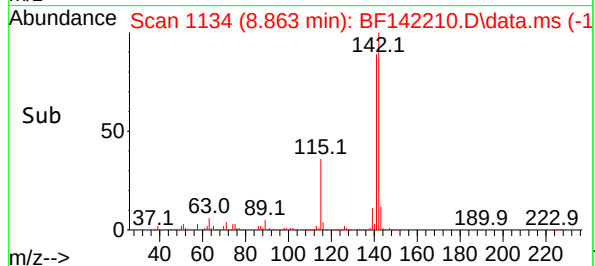
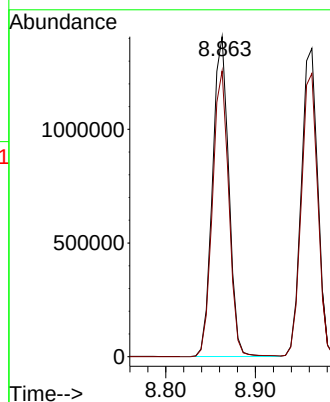
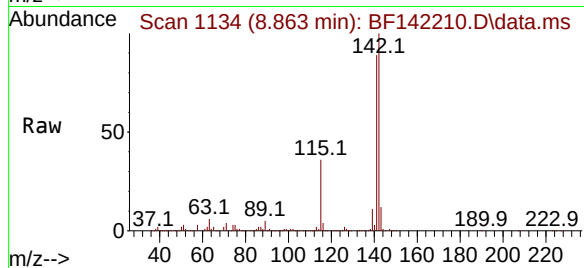
SSTDCCC040

Tgt Ion:142 Resp: 1771486

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 36.518 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142210.D

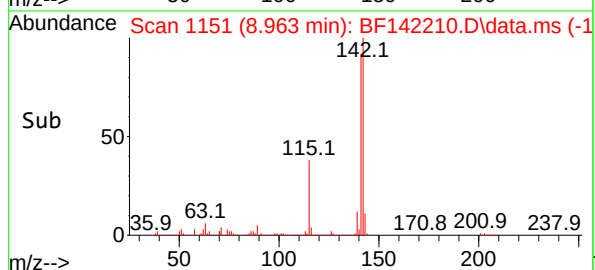
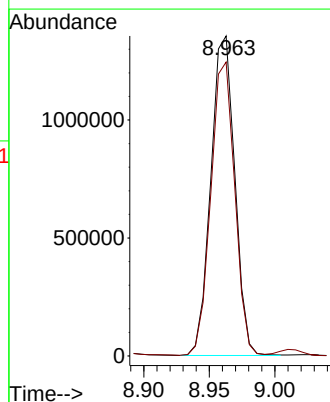
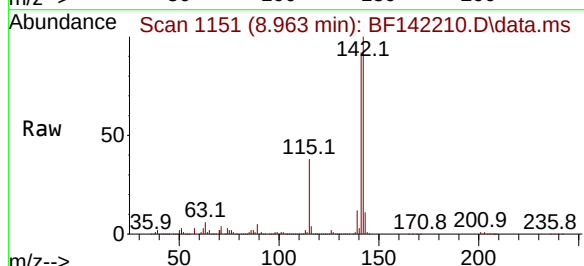
Acq: 22 Apr 2025 14:11

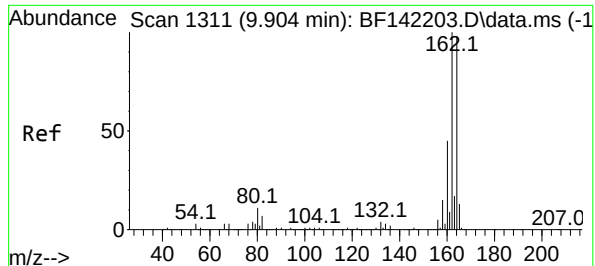
Tgt Ion:142 Resp: 1720573

Ion Ratio Lower Upper

142 100

141 91.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF142210.D

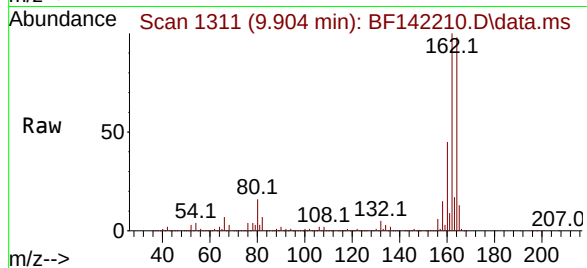
Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

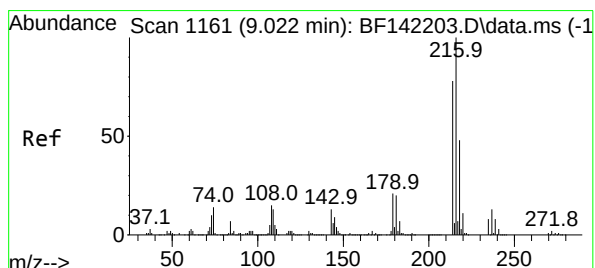
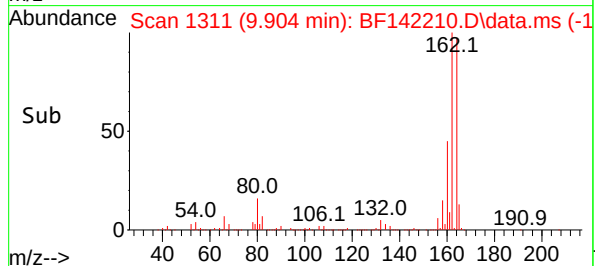
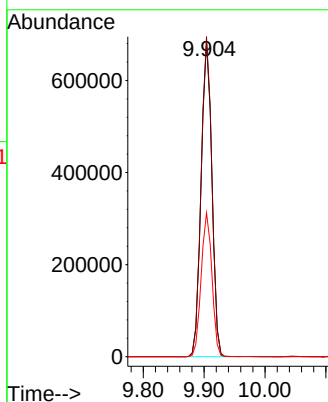
ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 837728

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.9	122.9
160	45.7	36.8	55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.356 ng

RT: 9.028 min Scan# 1162

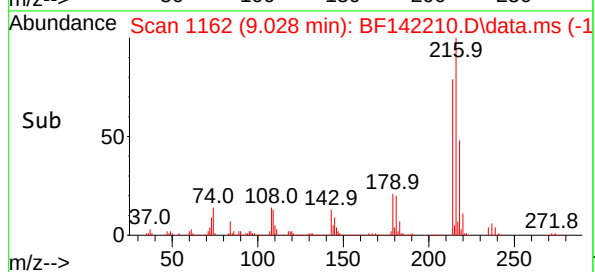
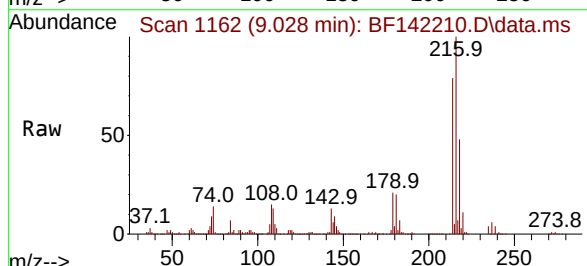
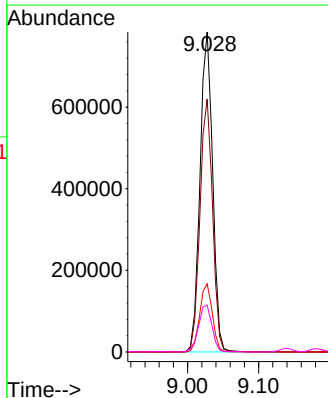
Delta R.T. 0.006 min

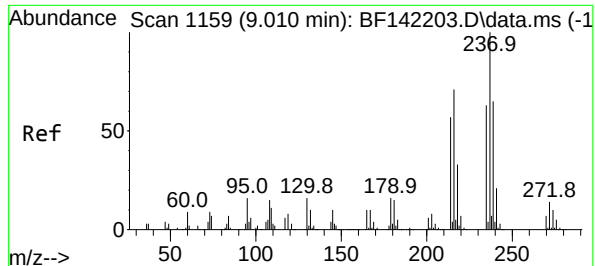
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:216 Resp: 969124

Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.7	94.1
179	21.4	16.7	25.1
108	15.7	12.2	18.2





#41

Hexachlorocyclopentadiene

Concen: 36.256 ng

RT: 9.016 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

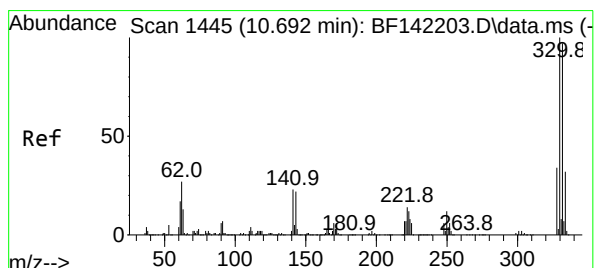
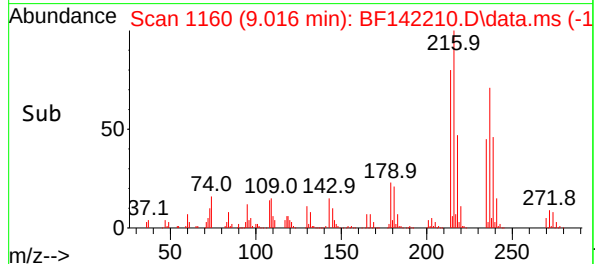
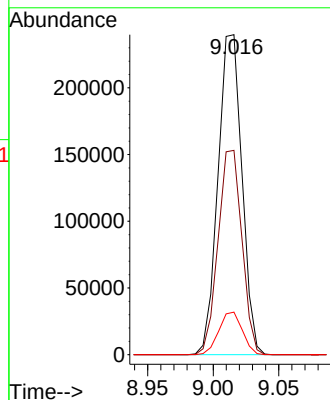
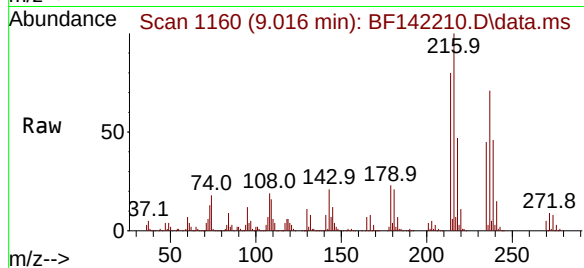
Tgt Ion:237 Resp: 304734

Ion Ratio Lower Upper

237 100

235 63.9 42.6 82.6

272 13.3 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 71.855 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

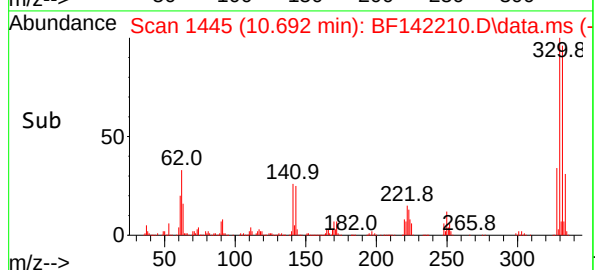
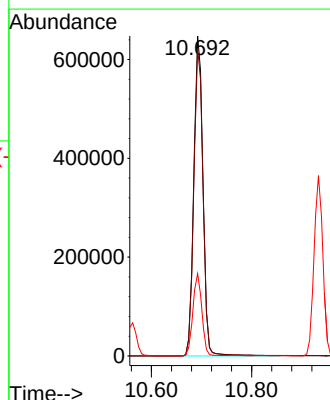
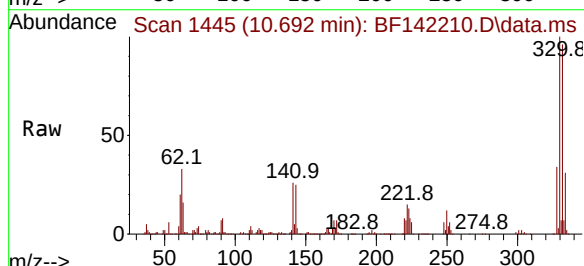
Tgt Ion:330 Resp: 823026

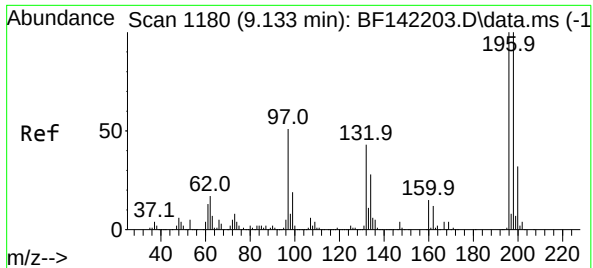
Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 25.1 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 36.328 ng

RT: 9.139 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

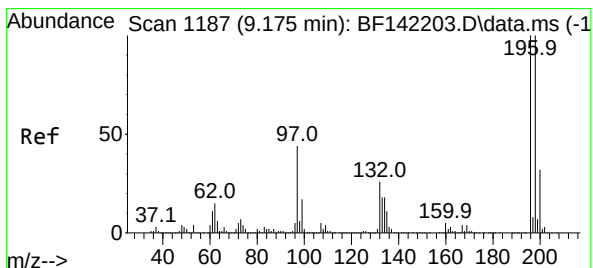
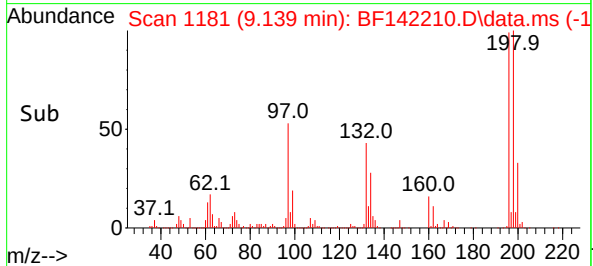
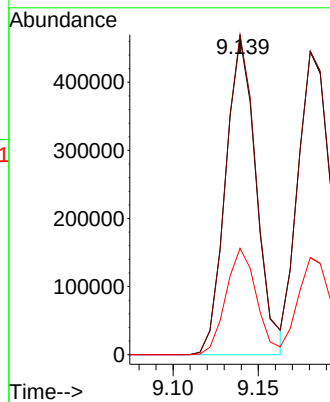
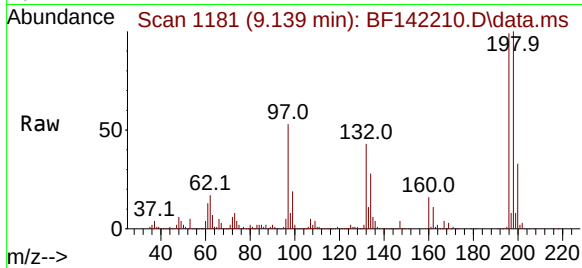
Tgt Ion:196 Resp: 581348

Ion Ratio Lower Upper

196 100

198 101.0 80.0 120.0

200 33.6 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 35.813 ng

RT: 9.180 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:196 Resp: 614311

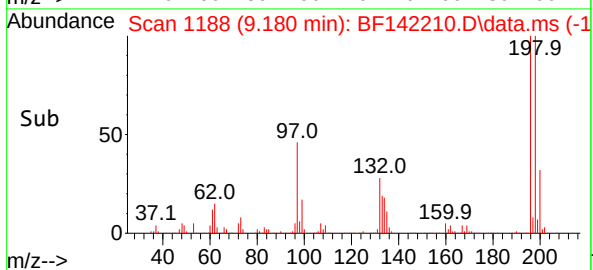
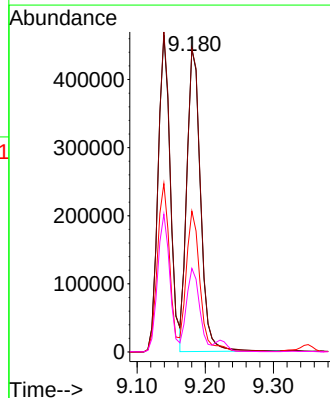
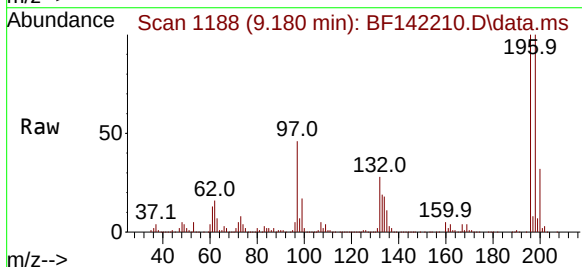
Ion Ratio Lower Upper

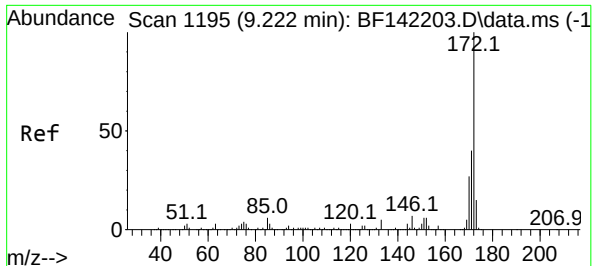
196 100

198 100.0 80.0 120.0

97 46.4 35.9 53.9

132 27.5 21.1 31.7

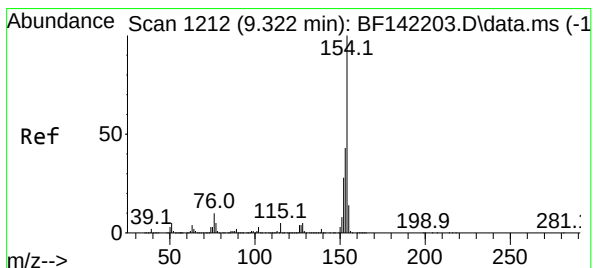
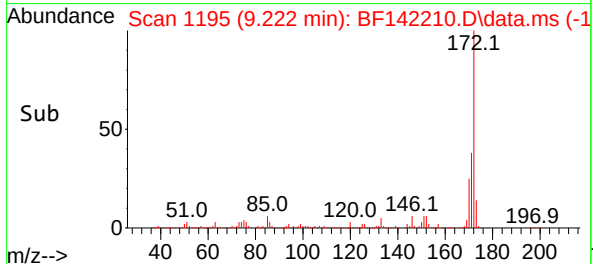
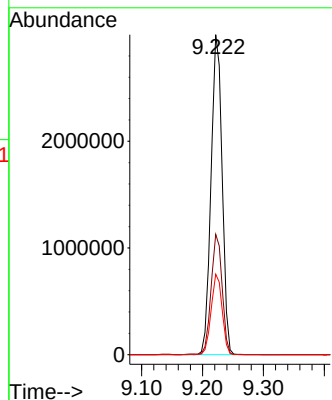
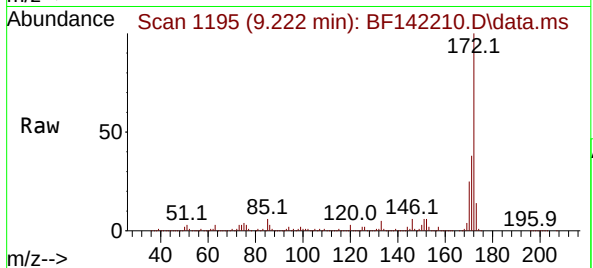




#45
2-Fluorobiphenyl
Concen: 73.874 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

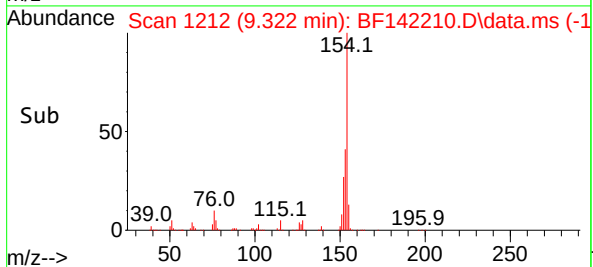
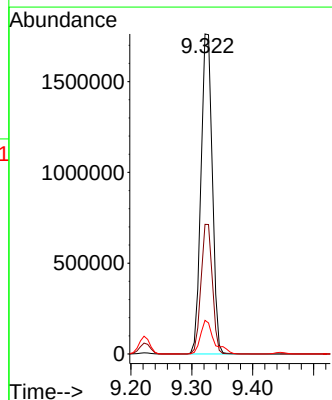
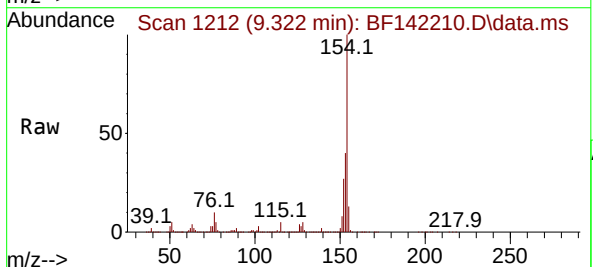
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

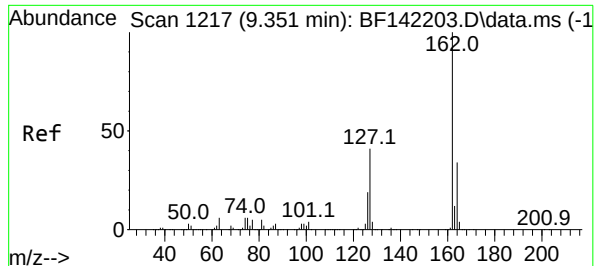
Tgt Ion:172 Resp: 3796882
Ion Ratio Lower Upper
172 100
171 37.6 32.1 48.1
170 25.2 21.4 32.0



#46
1,1'-Biphenyl
Concen: 37.780 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:154 Resp: 2269501
Ion Ratio Lower Upper
154 100
153 40.5 22.5 62.5
76 10.5 0.0 30.4





#47

2-Chloronaphthalene

Concen: 36.402 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

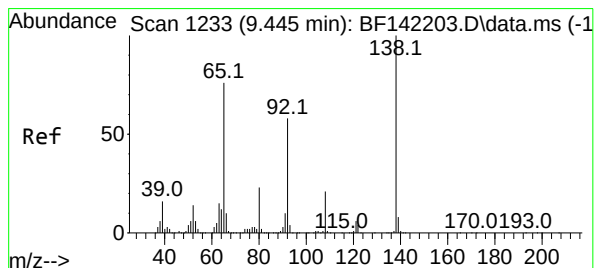
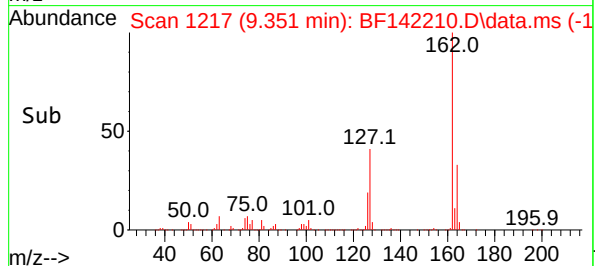
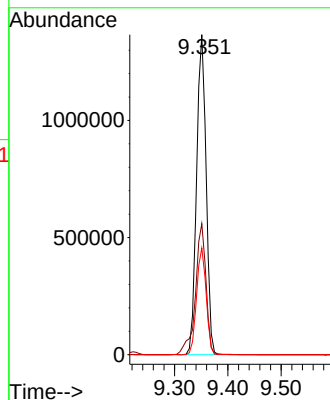
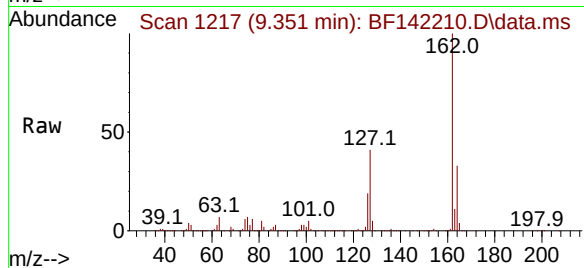
Tgt Ion:162 Resp: 1697350

Ion Ratio Lower Upper

162 100

127 40.9 33.1 49.7

164 33.4 27.1 40.7



#48

2-Nitroaniline

Concen: 38.865 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

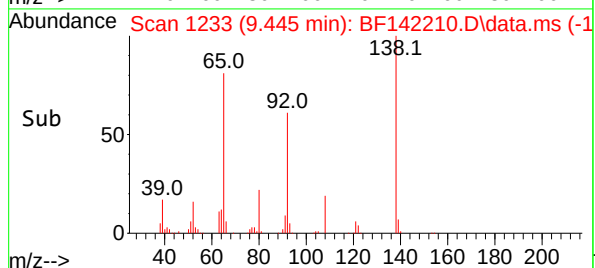
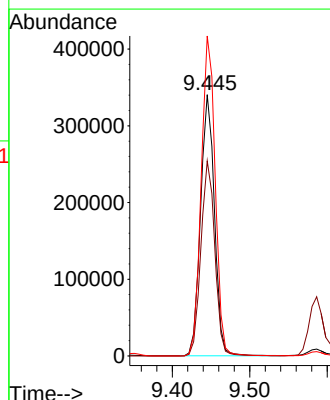
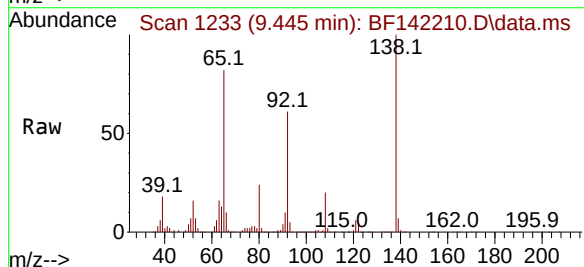
Tgt Ion: 65 Resp: 424788

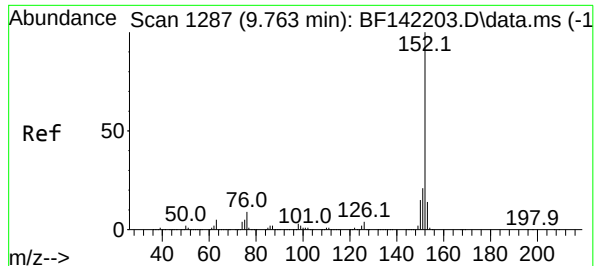
Ion Ratio Lower Upper

65 100

92 74.7 61.4 92.0

138 122.4 105.8 158.6





#49

Acenaphthylene

Concen: 37.124 ng

RT: 9.769 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

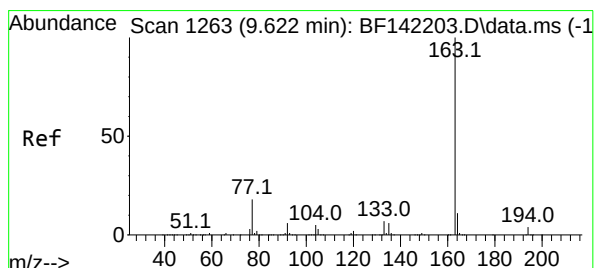
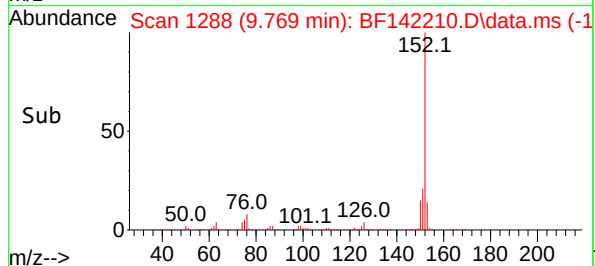
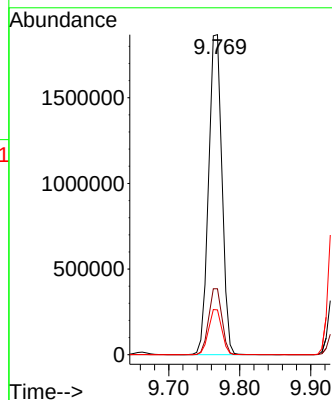
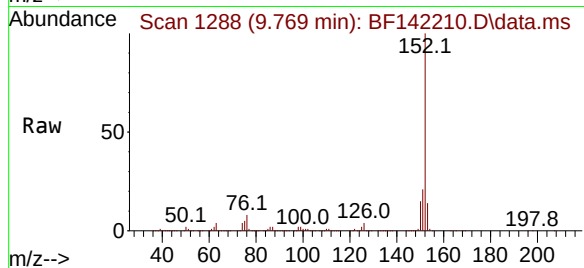
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 2446730

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	14.0	11.6	17.4



#50

Dimethylphthalate

Concen: 36.932 ng

RT: 9.622 min Scan# 1263

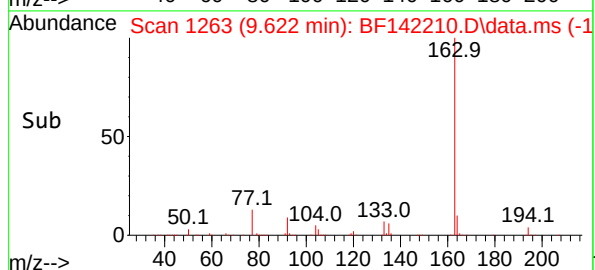
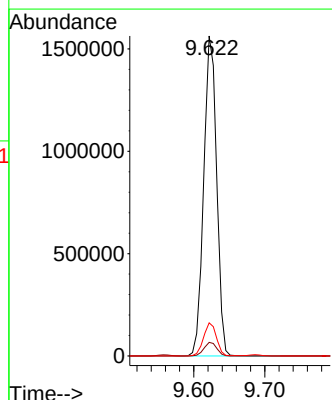
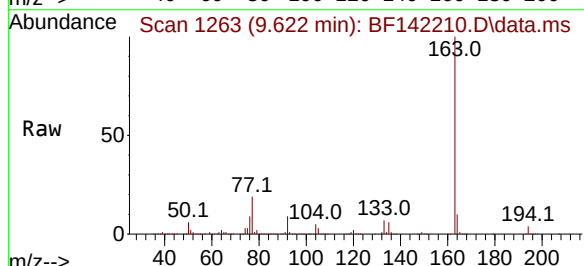
Delta R.T. -0.000 min

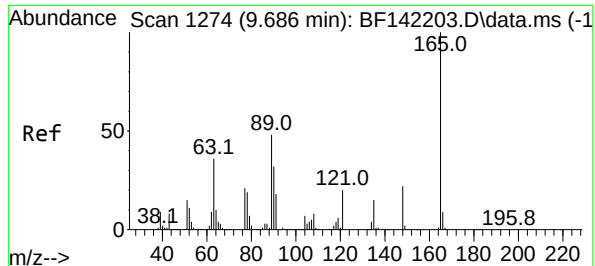
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:163 Resp: 1983716

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 36.753 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

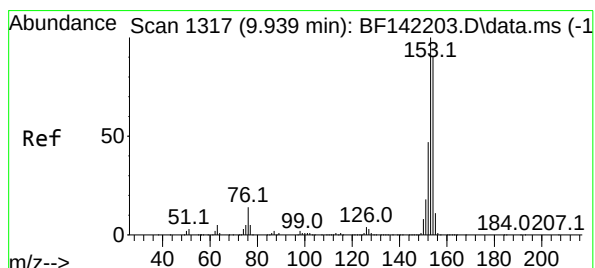
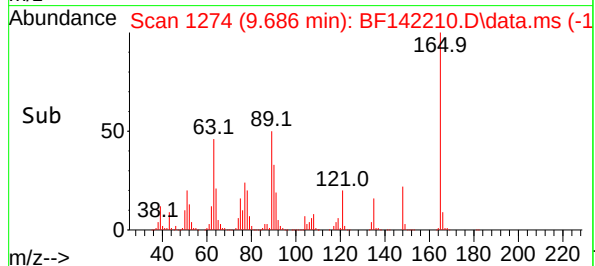
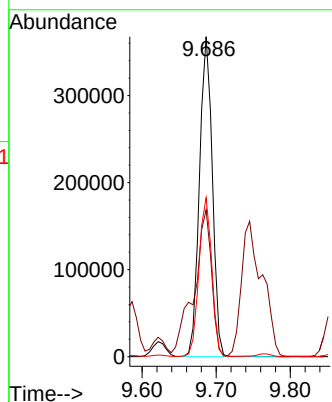
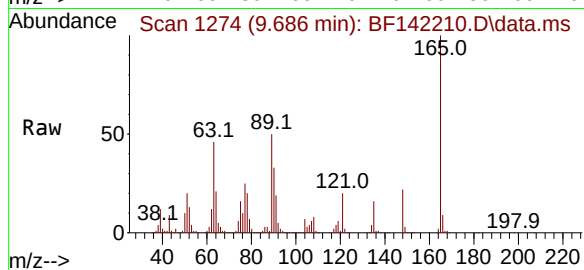
Tgt Ion:165 Resp: 443208

Ion Ratio Lower Upper

165 100

63 45.9 35.4 53.2

89 49.6 38.6 58.0



#52

Acenaphthene

Concen: 36.884 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

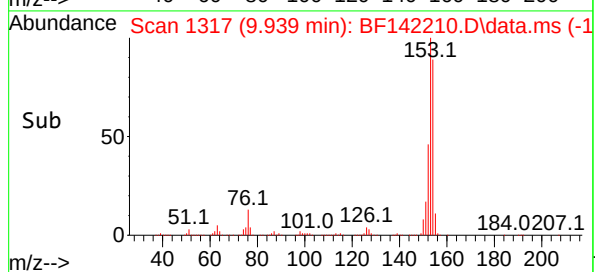
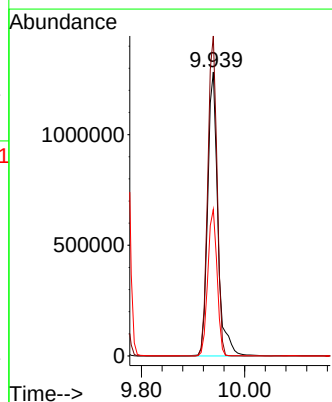
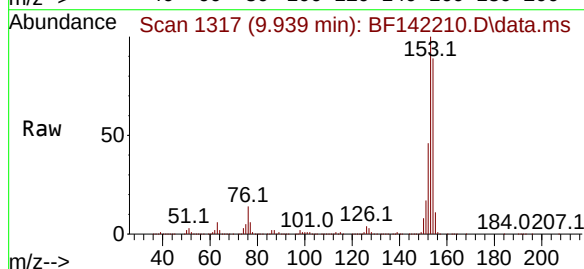
Tgt Ion:154 Resp: 1751751

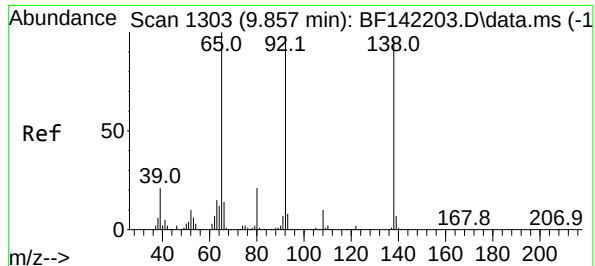
Ion Ratio Lower Upper

154 100

153 112.6 89.0 133.4

152 51.6 41.8 62.8





#53

3-Nitroaniline

Concen: 35.552 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

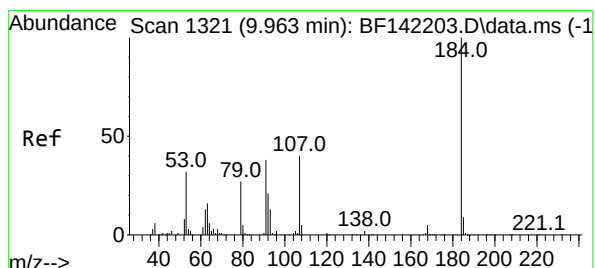
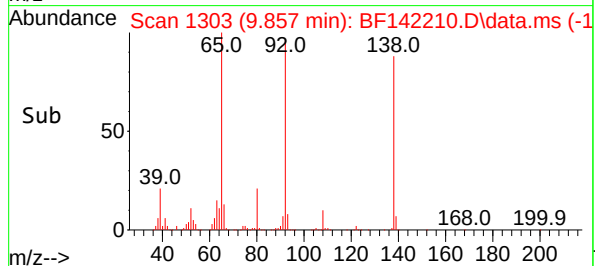
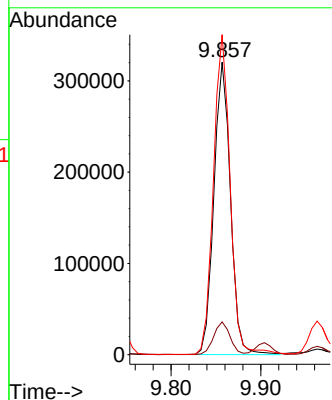
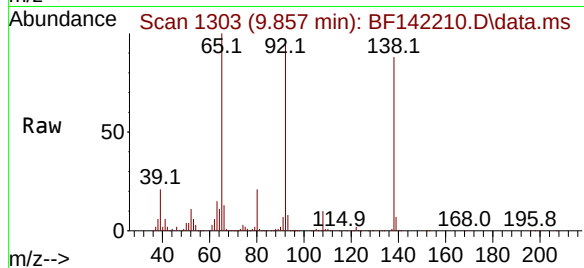
Tgt Ion:138 Resp: 410794

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

92 109.4 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 39.176 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

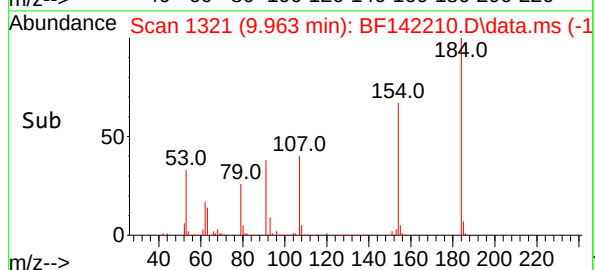
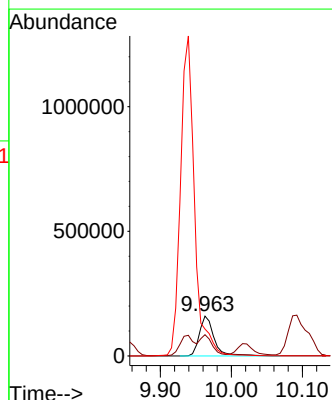
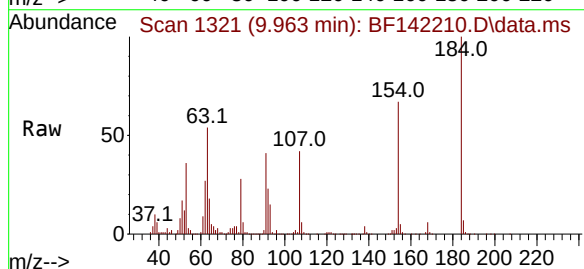
Tgt Ion:184 Resp: 231384

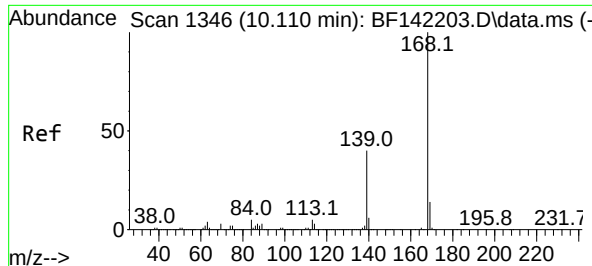
Ion Ratio Lower Upper

184 100

63 53.5 39.0 58.4

154 67.3 52.2 78.4





#55

Dibenzofuran

Concen: 37.175 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

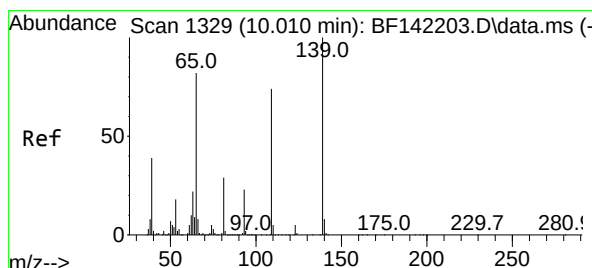
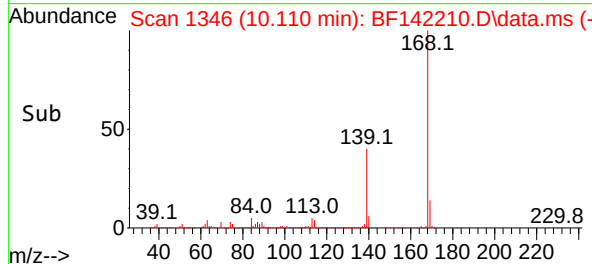
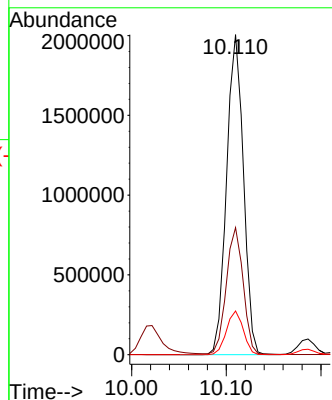
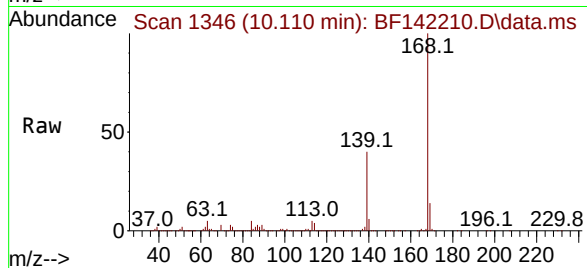
Tgt Ion:168 Resp: 2475214

Ion Ratio Lower Upper

168 100

139 39.7 32.3 48.5

169 13.7 11.4 17.0



#56

4-Nitrophenol

Concen: 34.750 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

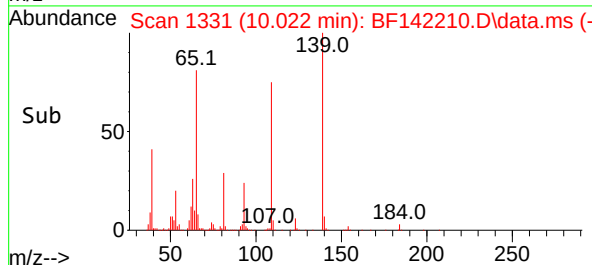
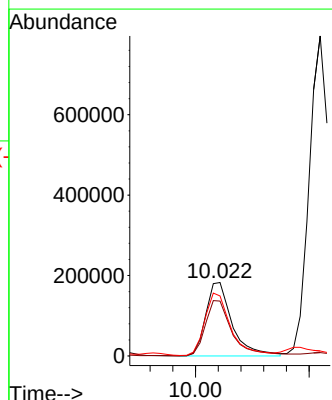
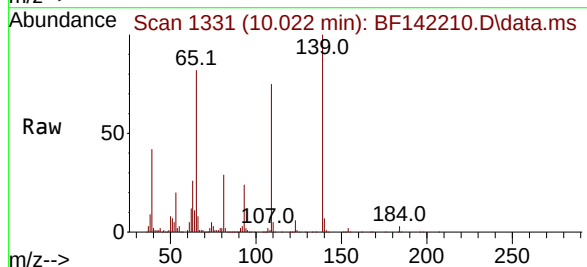
Tgt Ion:139 Resp: 293716

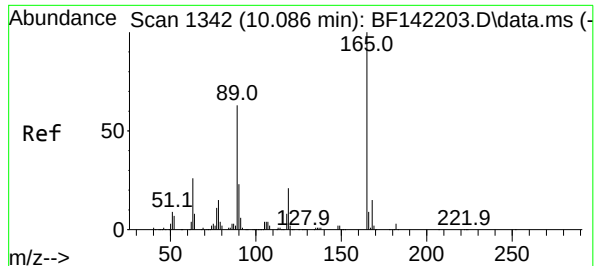
Ion Ratio Lower Upper

139 100

109 74.6 54.1 94.1

65 81.6 62.1 102.1

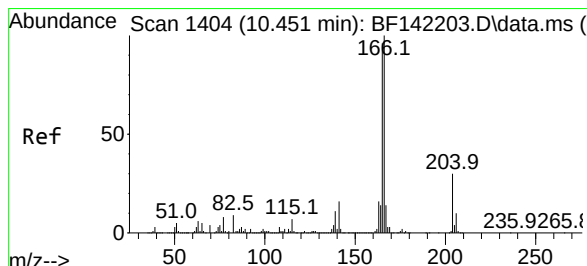
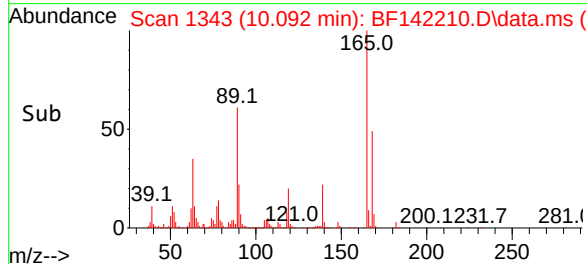
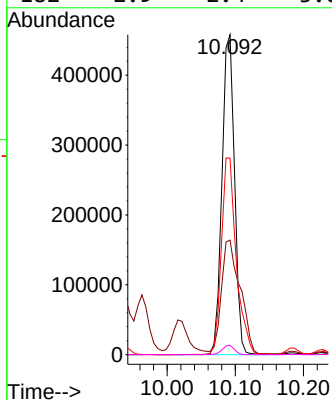
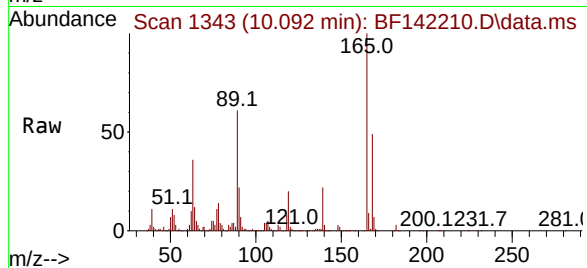




#57
2,4-Dinitrotoluene
Concen: 37.778 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

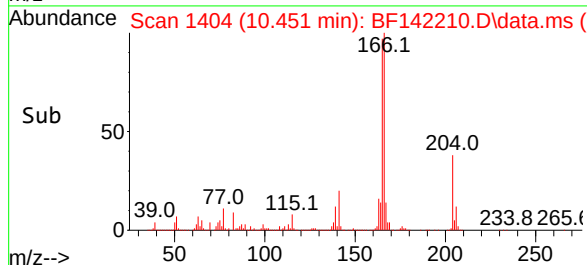
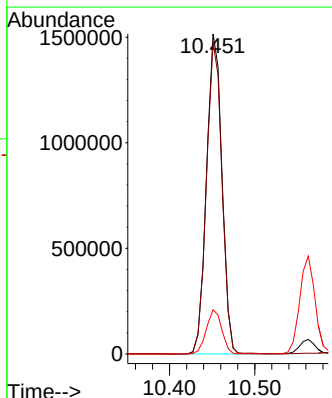
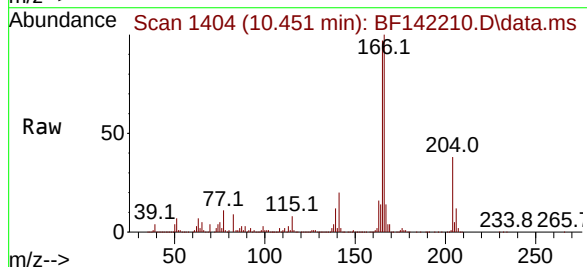
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

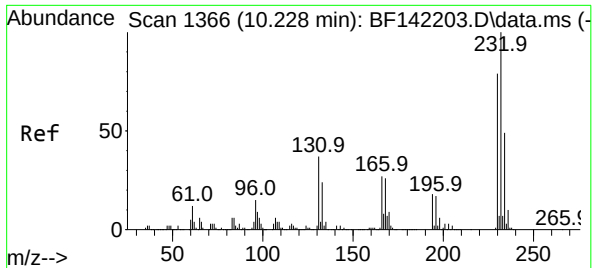
Tgt Ion:165 Resp: 588403
Ion Ratio Lower Upper
165 100
63 35.8 29.0 43.6
89 61.4 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 36.982 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:166 Resp: 1904798
Ion Ratio Lower Upper
166 100
165 97.3 77.1 115.7
167 13.8 11.0 16.4

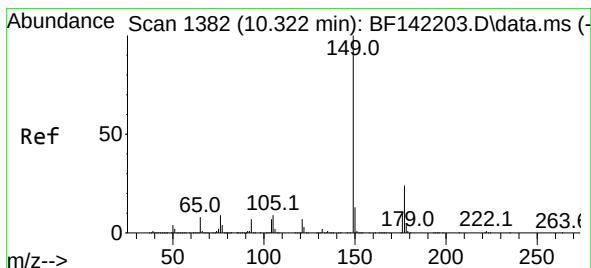
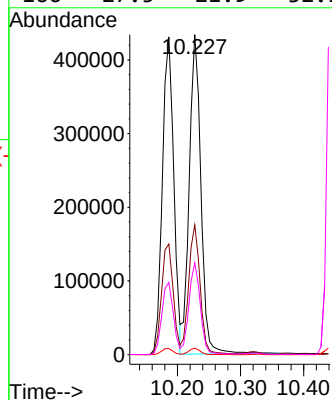
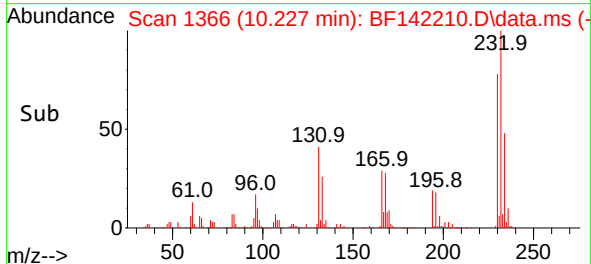
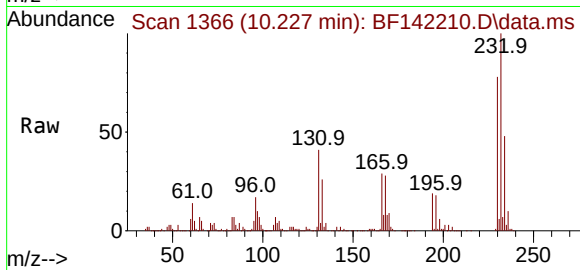




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.416 ng
RT: 10.227 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

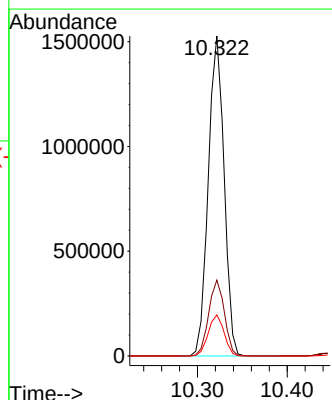
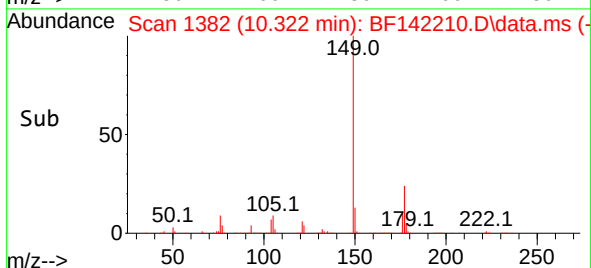
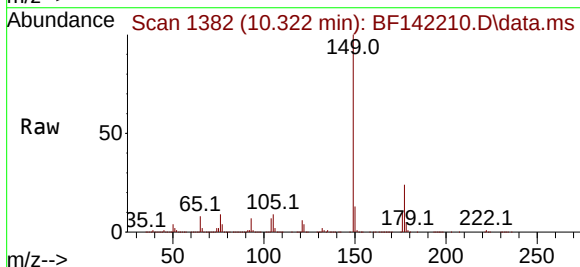
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

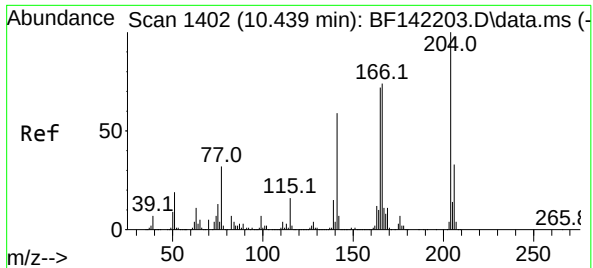
Tgt Ion:232 Resp: 558460
Ion Ratio Lower Upper
232 100
131 40.1 31.9 47.9
130 1.9 1.6 2.4
166 27.5 21.9 32.9



#60
Diethylphthalate
Concen: 37.222 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:149 Resp: 1866878
Ion Ratio Lower Upper
149 100
177 23.7 19.6 29.4
150 12.9 10.6 15.8

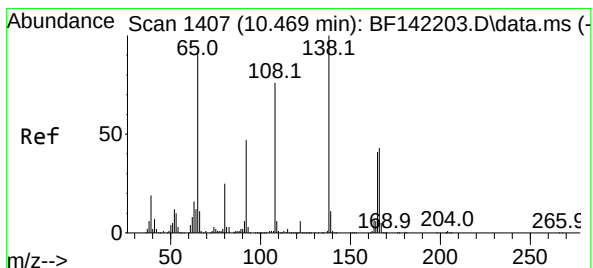
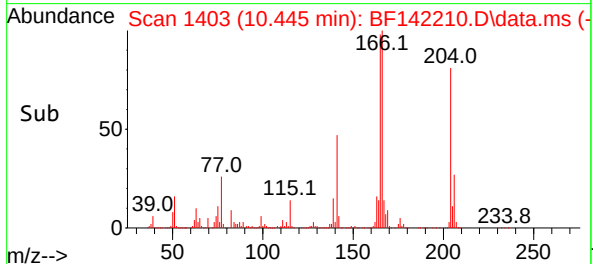
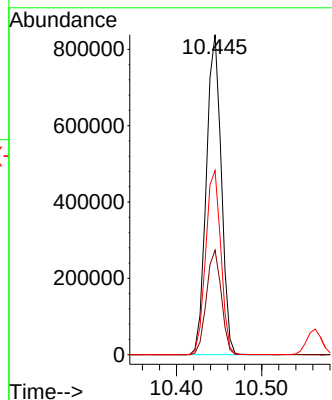
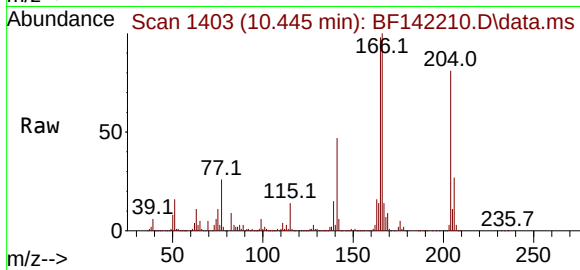




#61
4-Chlorophenyl-phenylether
Concen: 36.021 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

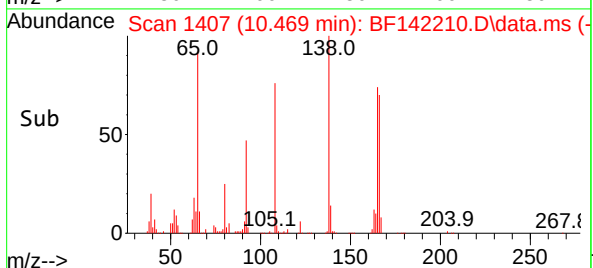
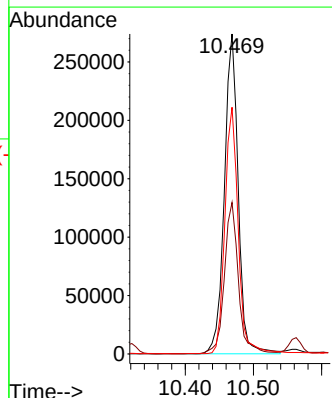
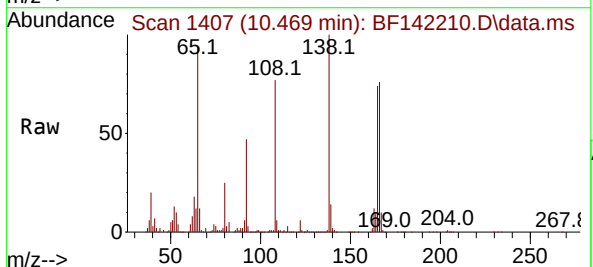
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

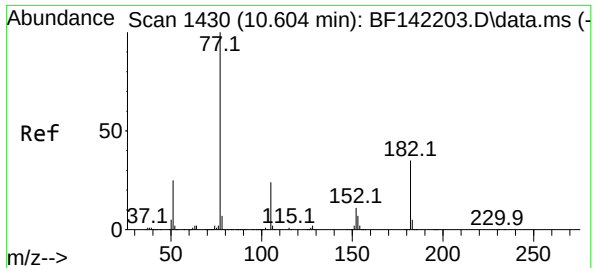
Tgt Ion:204 Resp: 1021558
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 57.5 47.0 70.6



#62
4-Nitroaniline
Concen: 35.193 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:138 Resp: 386520
Ion Ratio Lower Upper
138 100
92 47.3 26.7 66.7
108 77.1 56.5 96.5

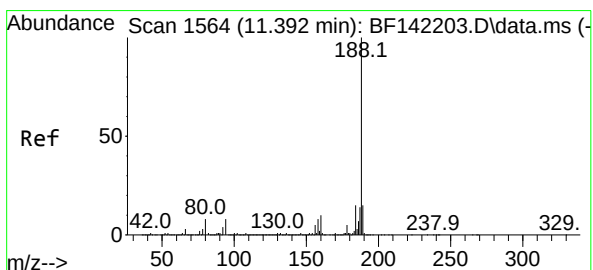
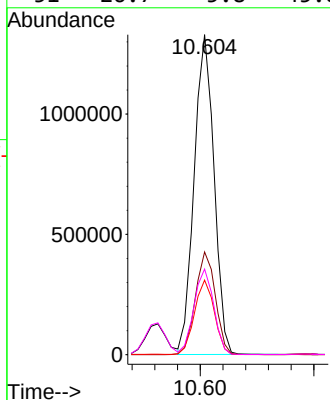
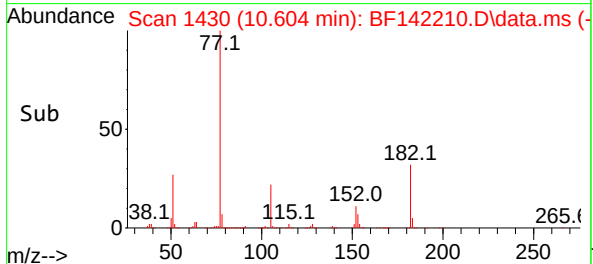
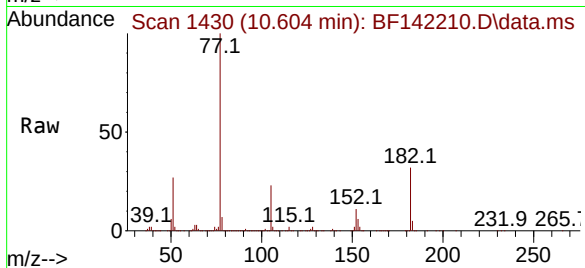




#63
Azobenzene
Concen: 36.980 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

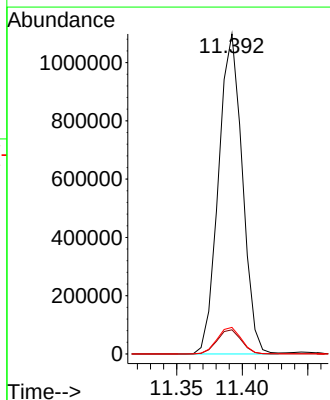
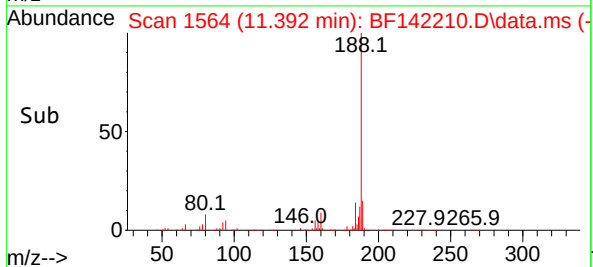
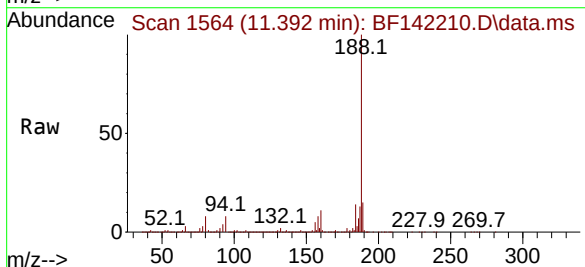
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

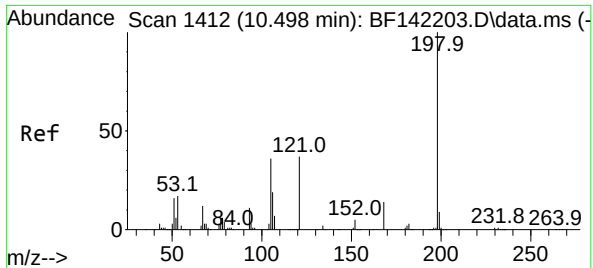
Tgt Ion: 77 Resp: 1615035
Ion Ratio Lower Upper
77 100
182 32.1 14.8 54.8
105 23.3 4.0 44.0
51 26.7 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 188 Resp: 1387409
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.3 6.7 10.1

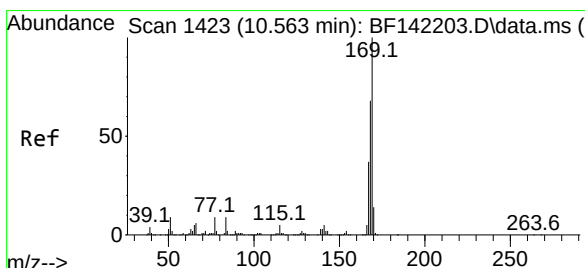
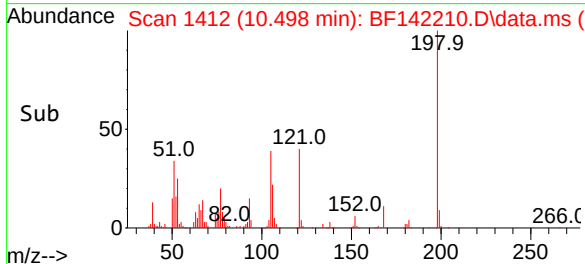
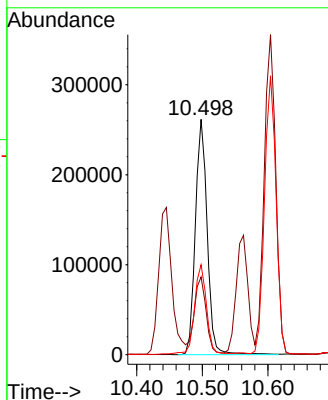
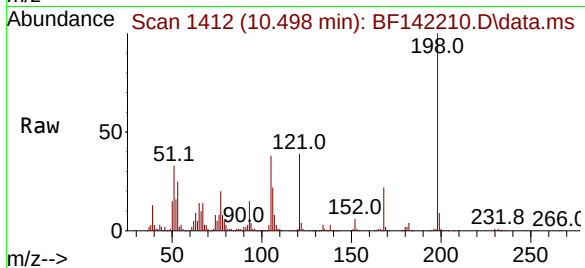




#65
4,6-Dinitro-2-methylphenol
Concen: 40.745 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

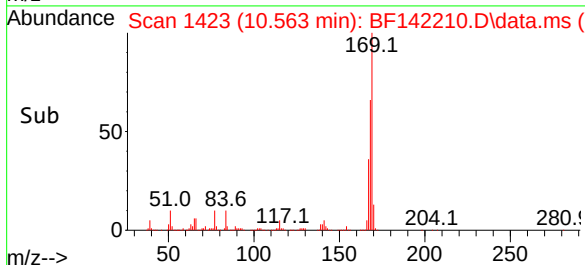
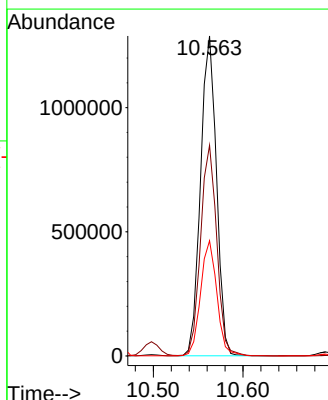
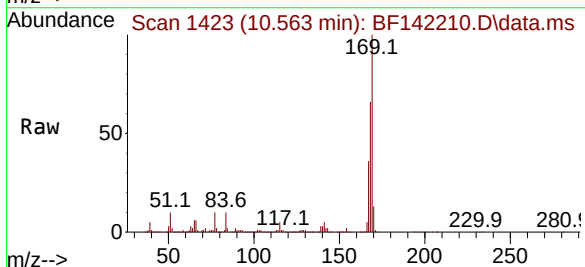
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

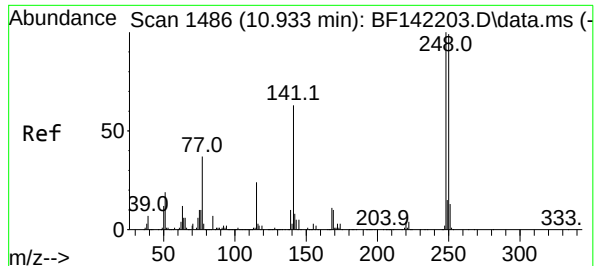
Tgt Ion:198 Resp: 329979
Ion Ratio Lower Upper
198 100
51 33.0 10.2 50.2
105 38.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 37.293 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:169 Resp: 1585787
Ion Ratio Lower Upper
169 100
168 65.8 54.2 81.2
167 36.0 29.4 44.2

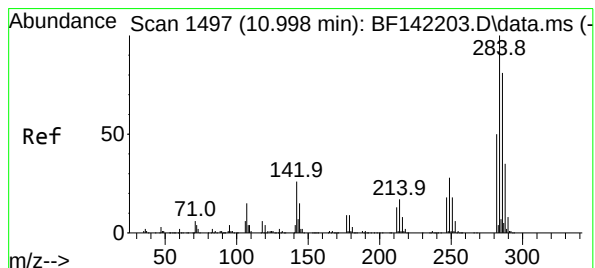
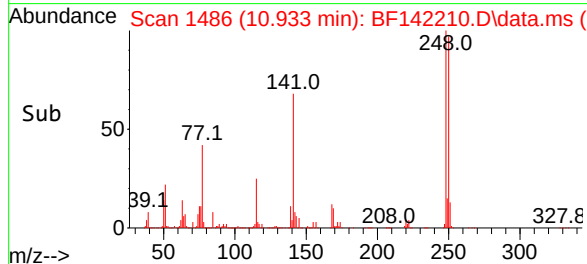
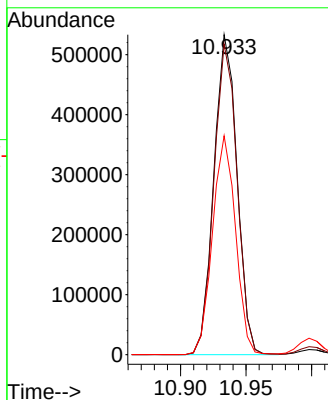
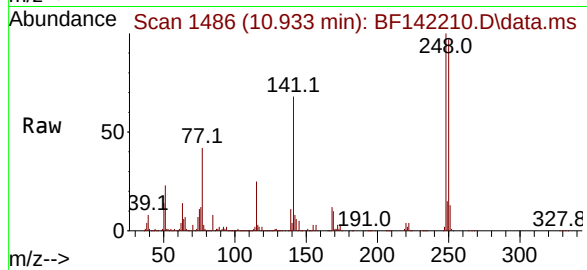




#67
4-Bromophenyl-phenylether
Concen: 35.932 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

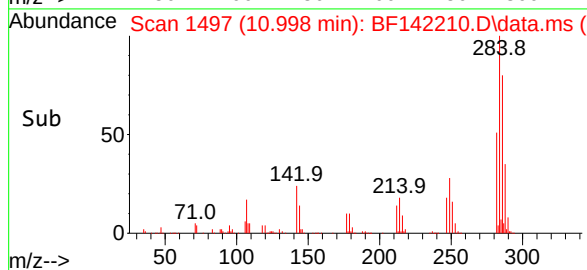
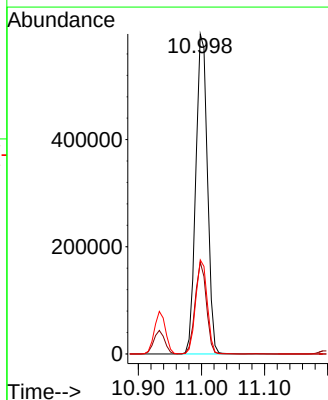
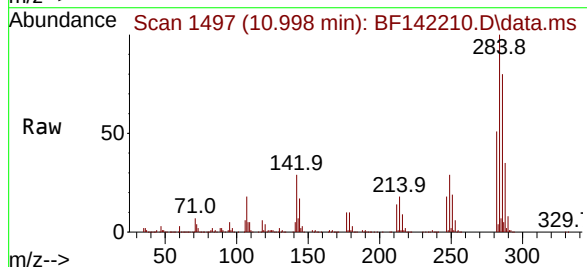
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

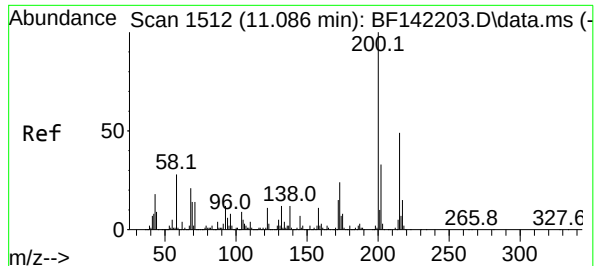
Tgt Ion:248 Resp: 655610
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 68.4 50.6 75.8



#68
Hexachlorobenzene
Concen: 35.198 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:284 Resp: 764272
Ion Ratio Lower Upper
284 100
142 28.6 20.7 31.1
249 29.4 22.8 34.2





#69

Atrazine

Concen: 45.766 ng

RT: 11.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

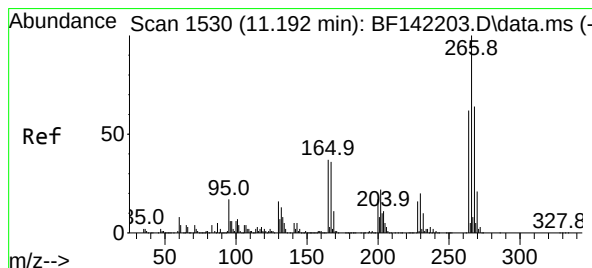
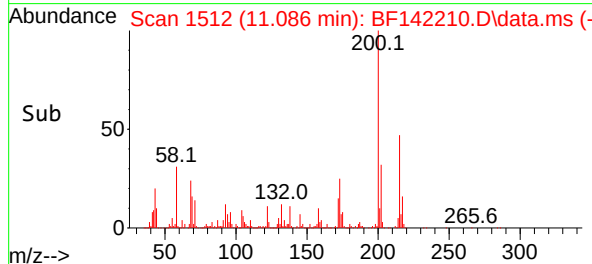
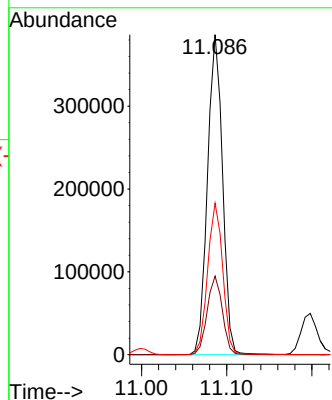
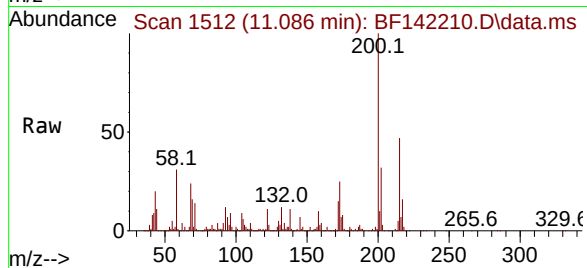
Tgt Ion:200 Resp: 474910

Ion Ratio Lower Upper

200 100

173 24.5 4.4 44.4

215 47.3 28.6 68.6



#70

Pentachlorophenol

Concen: 36.247 ng

RT: 11.198 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

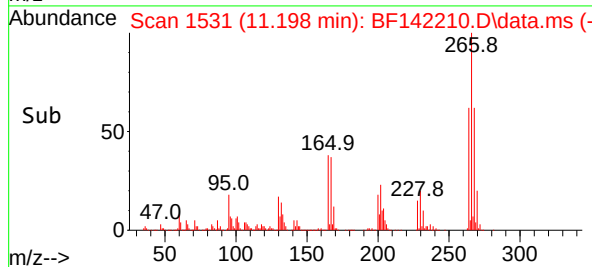
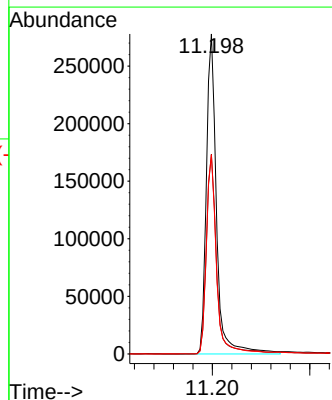
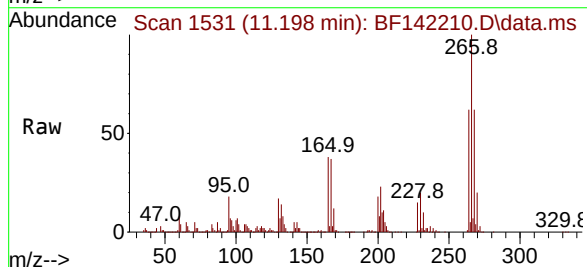
Tgt Ion:266 Resp: 401505

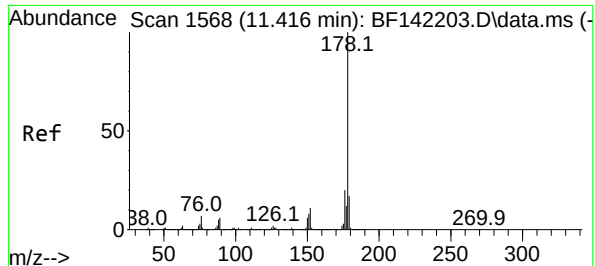
Ion Ratio Lower Upper

266 100

268 62.4 50.9 76.3

264 62.3 49.4 74.2

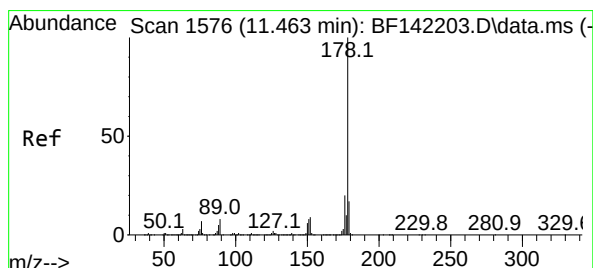
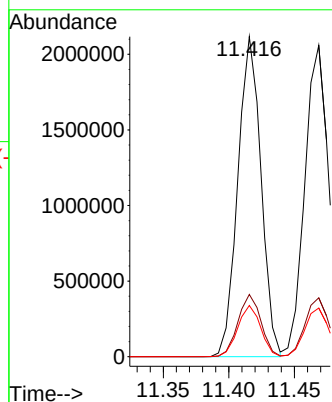
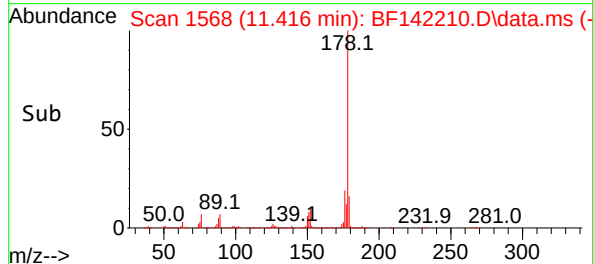
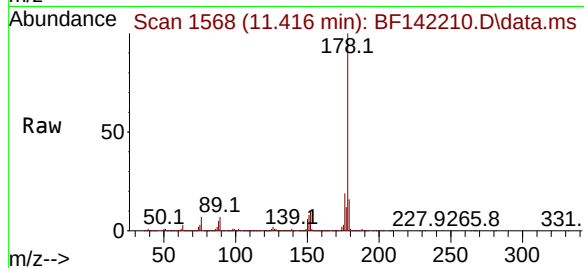




#71
Phenanthrene
Concen: 37.837 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

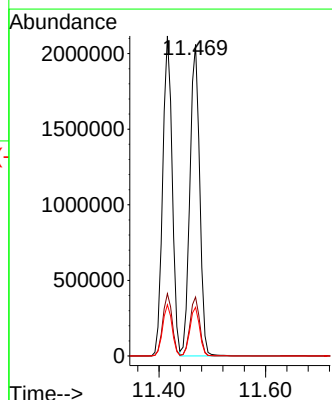
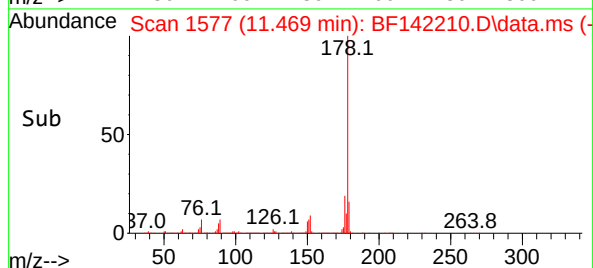
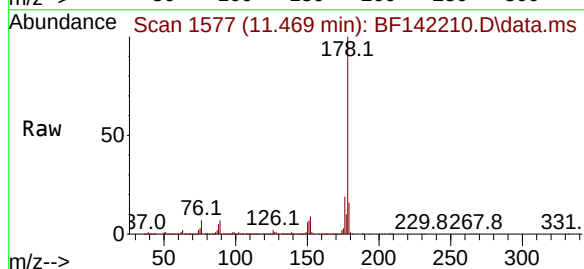
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

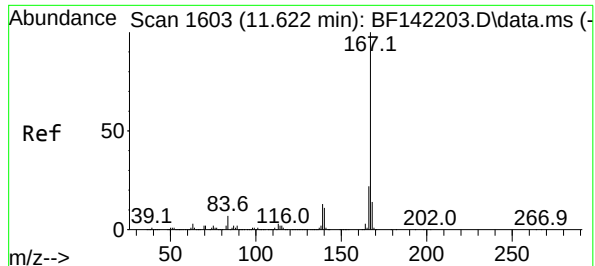
Tgt Ion:178 Resp: 2606889
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 16.0 13.3 19.9



#72
Anthracene
Concen: 38.106 ng
RT: 11.469 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:178 Resp: 2625095
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.6 13.4 20.0

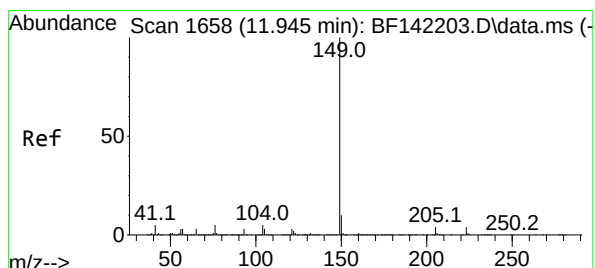
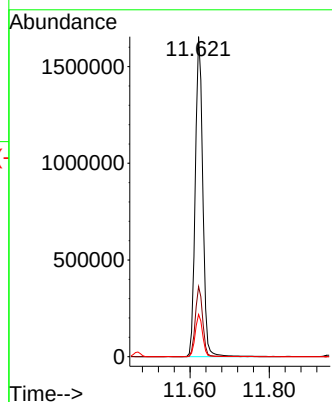
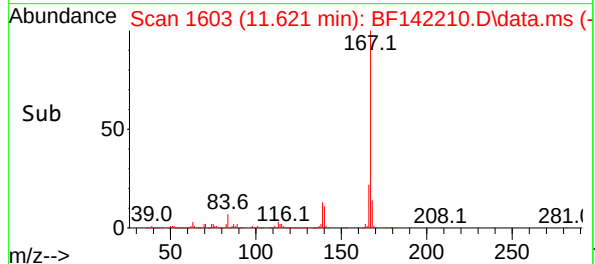
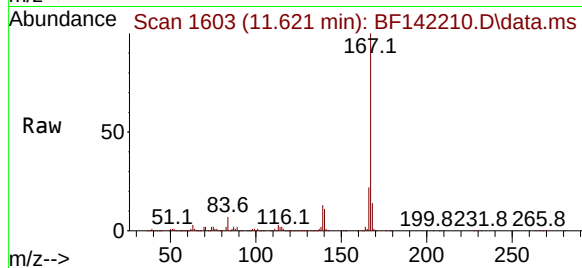




#73
Carbazole
Concen: 36.073 ng
RT: 11.621 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

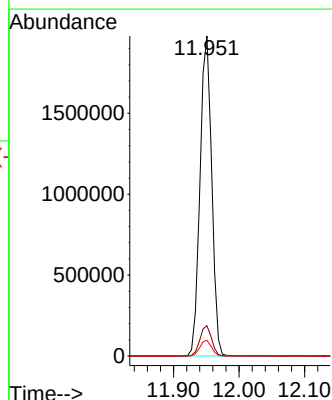
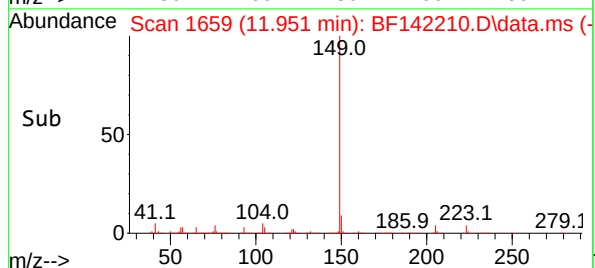
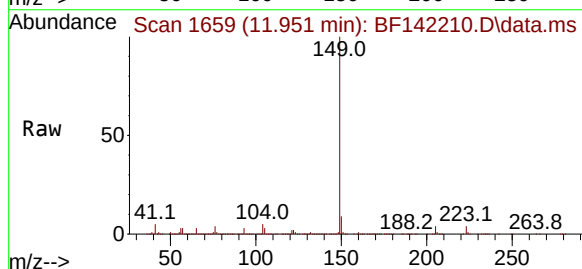
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

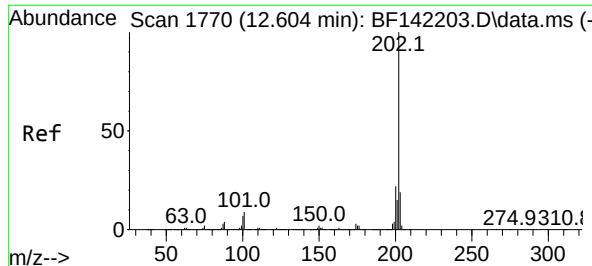
Tgt Ion:167 Resp: 2171037
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.2 10.7 16.1



#74
Di-n-butylphthalate
Concen: 39.454 ng
RT: 11.951 min Scan# 1659
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:149 Resp: 2457628
Ion Ratio Lower Upper
149 100
150 9.4 7.9 11.9
104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 35.616 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

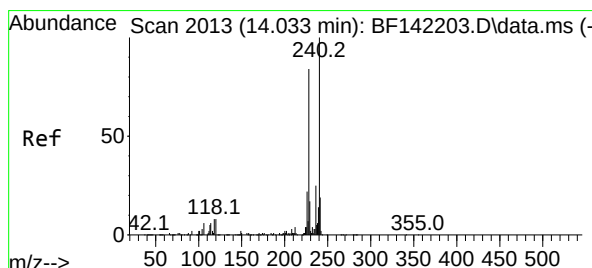
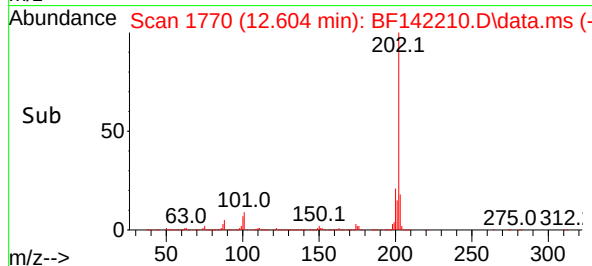
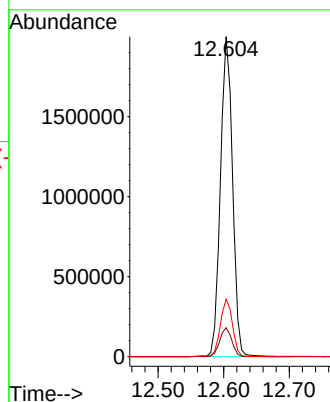
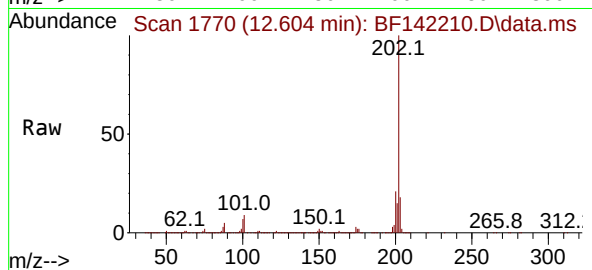
Tgt Ion:202 Resp: 2550696

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

203 18.0 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

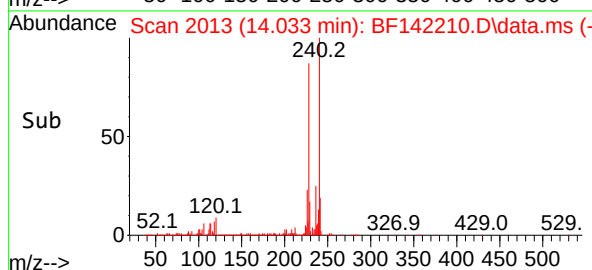
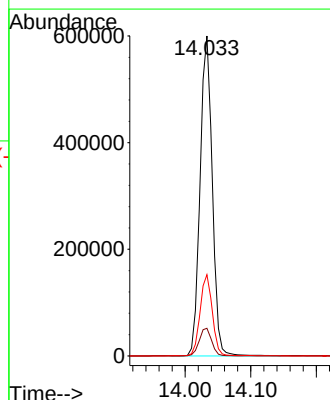
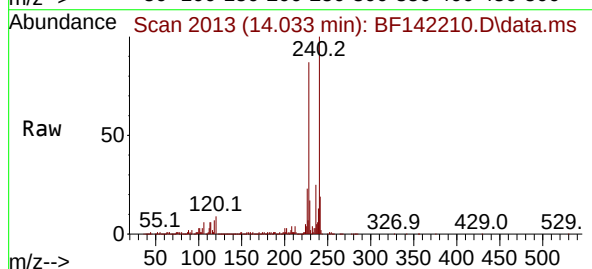
Tgt Ion:240 Resp: 777716

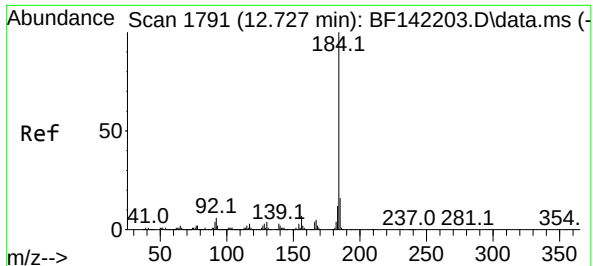
Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

236 25.4 20.2 30.2

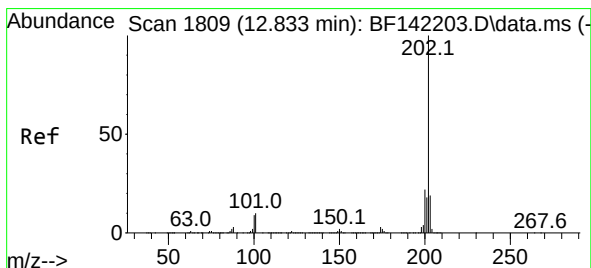
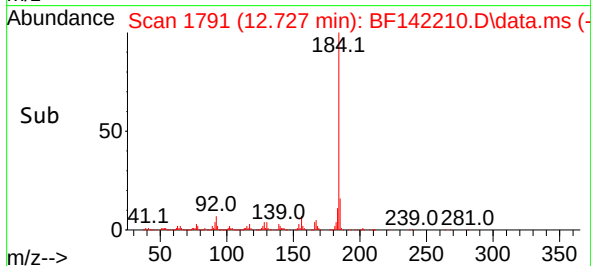
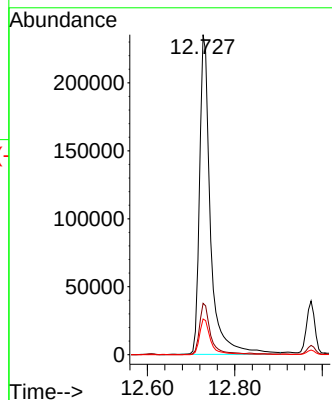
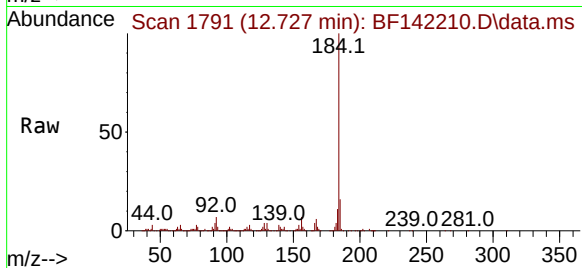




#77
Benzidine
Concen: 40.799 ng
RT: 12.727 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

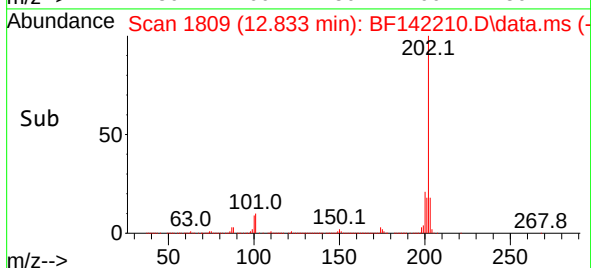
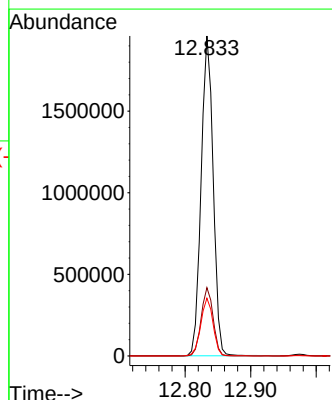
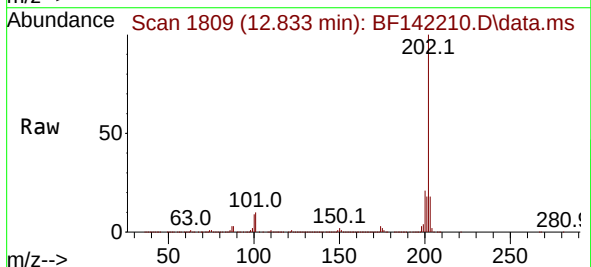
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

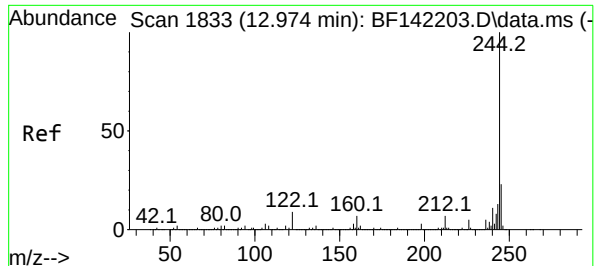
Tgt Ion:184 Resp: 409464
Ion Ratio Lower Upper
184 100
185 16.0 13.0 19.6
183 11.1 9.6 14.4



#78
Pyrene
Concen: 40.623 ng
RT: 12.833 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:202 Resp: 2509215
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.0 14.8 22.2





#79

Terphenyl-d14

Concen: 79.195 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142210.D

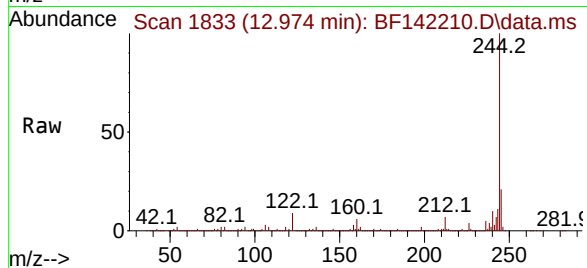
Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



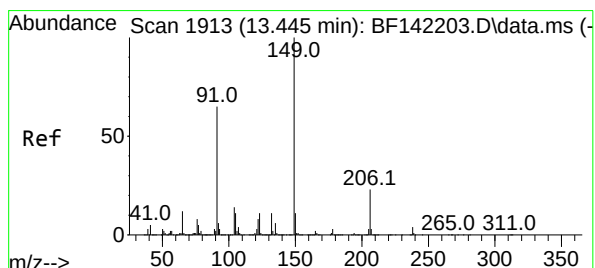
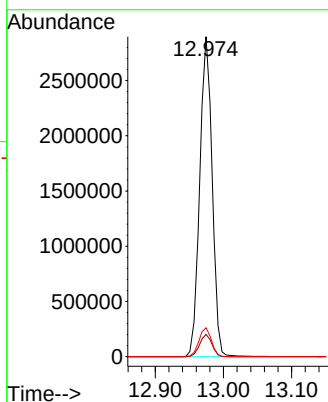
Tgt Ion:244 Resp: 3676448

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.0 7.3 10.9



#80

Butylbenzylphthalate

Concen: 44.418 ng

RT: 13.451 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

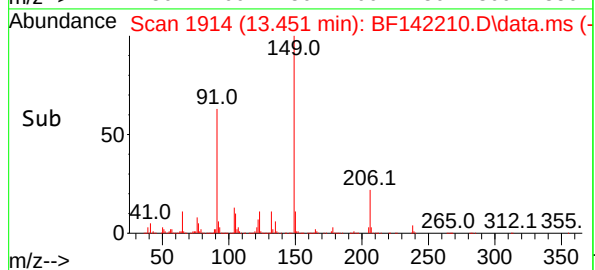
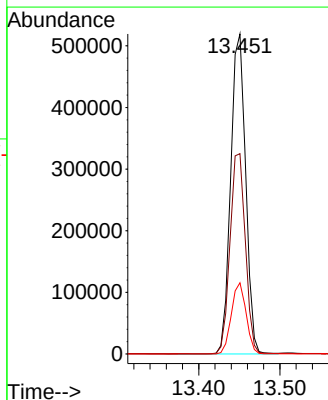
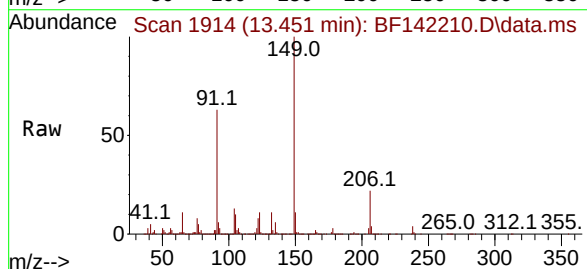
Tgt Ion:149 Resp: 664070

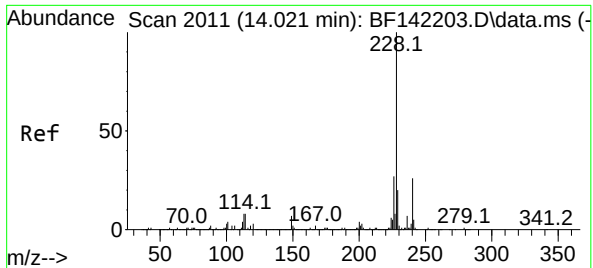
Ion Ratio Lower Upper

149 100

91 62.6 51.8 77.8

206 22.3 18.2 27.4

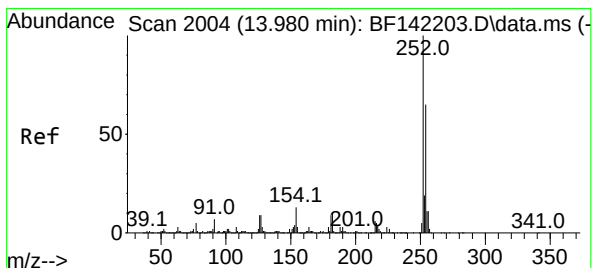
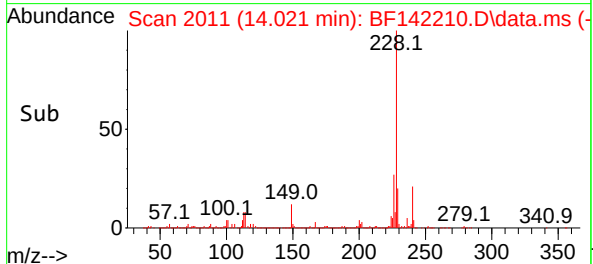
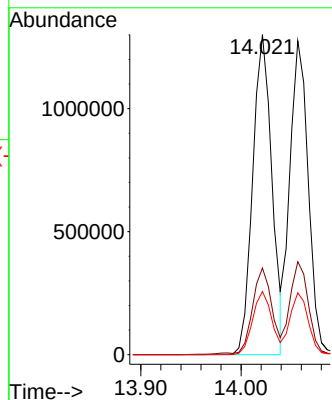
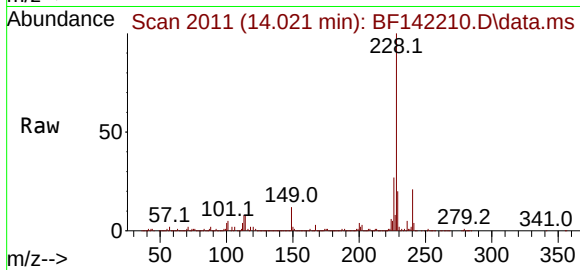




#81
Benzo(a)anthracene
Concen: 36.789 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

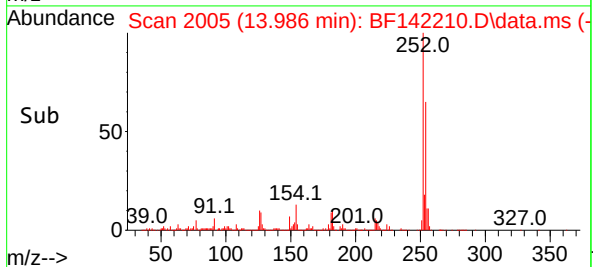
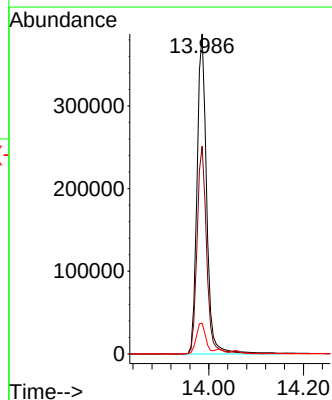
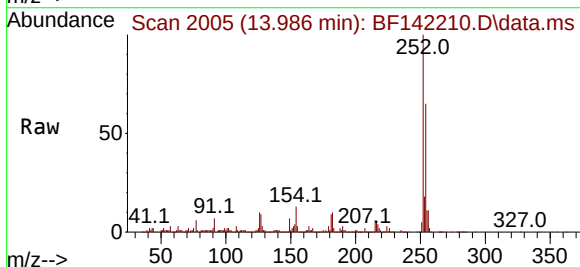
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

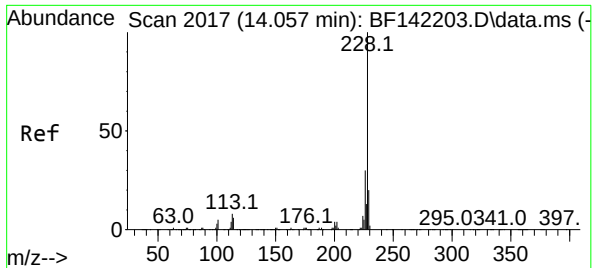
Tgt Ion:228 Resp: 1732930
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 38.885 ng
RT: 13.986 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:252 Resp: 545445
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 9.6 7.4 11.0





#83

Chrysene

Concen: 36.150 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

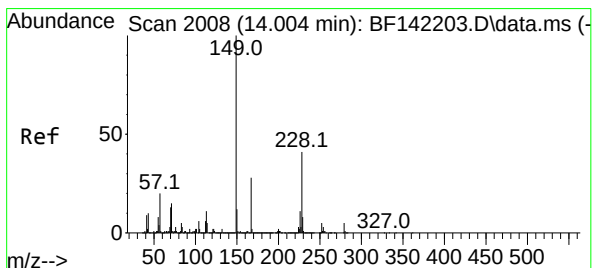
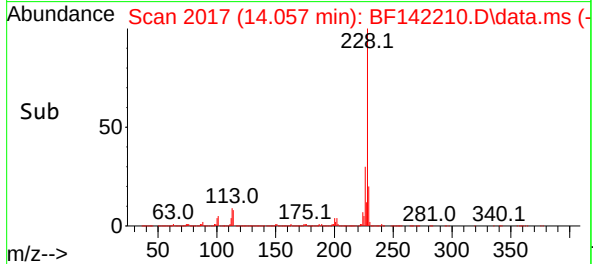
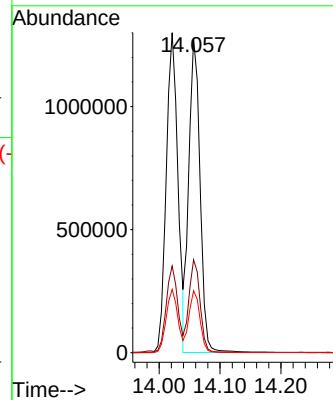
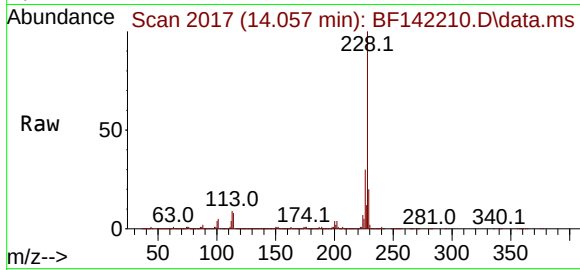
Tgt Ion:228 Resp: 1640659

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.7 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.101 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

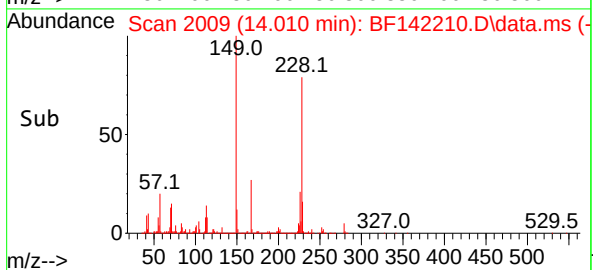
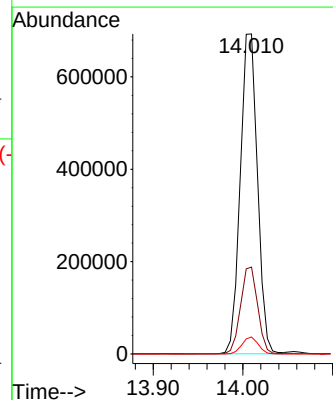
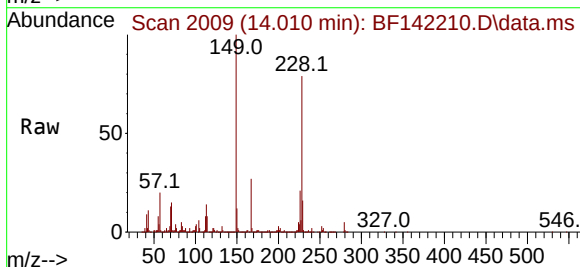
Tgt Ion:149 Resp: 922062

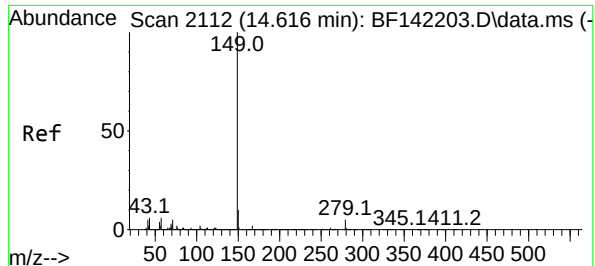
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 50.216 ng

RT: 14.621 min Scan# 2112

Delta R.T. 0.005 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

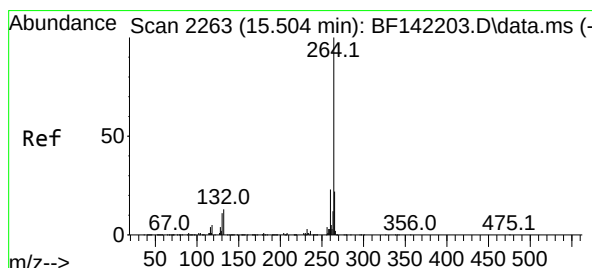
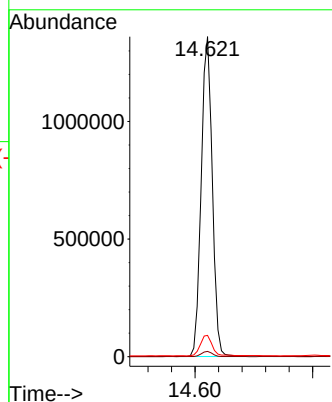
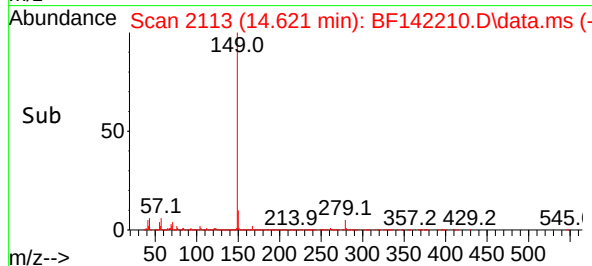
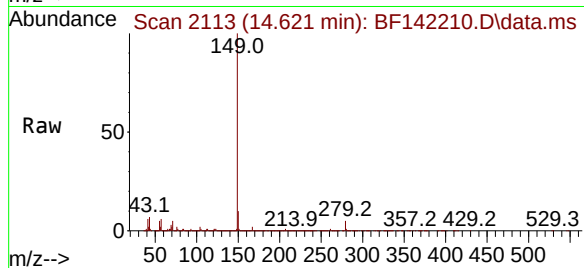
Tgt Ion:149 Resp: 1778874

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.9 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

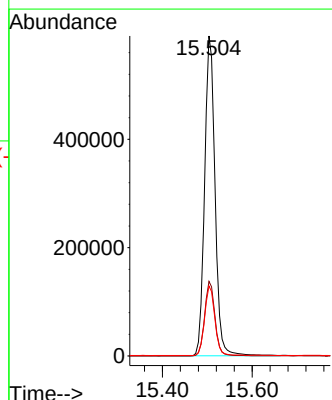
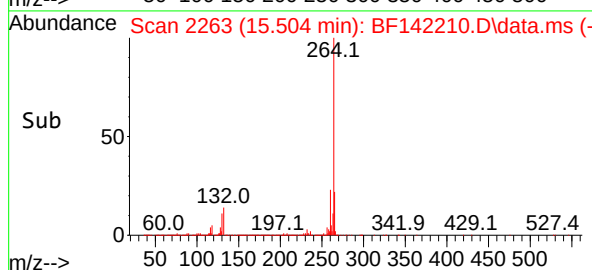
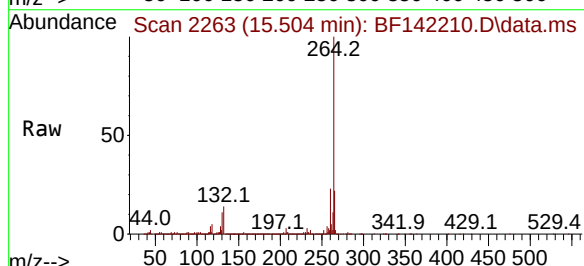
Tgt Ion:264 Resp: 953582

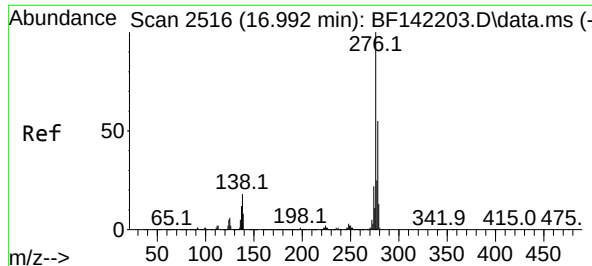
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.880 ng

RT: 16.998 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

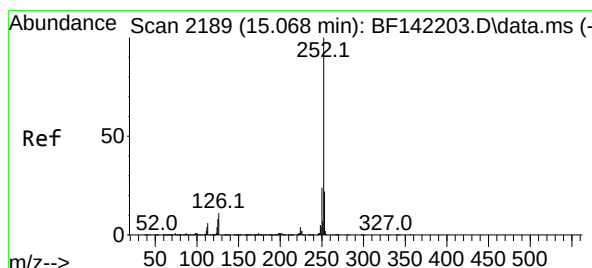
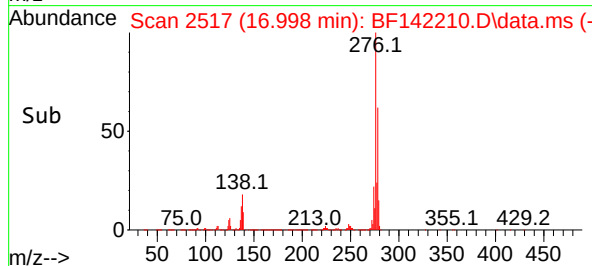
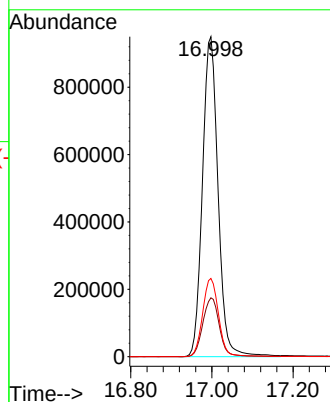
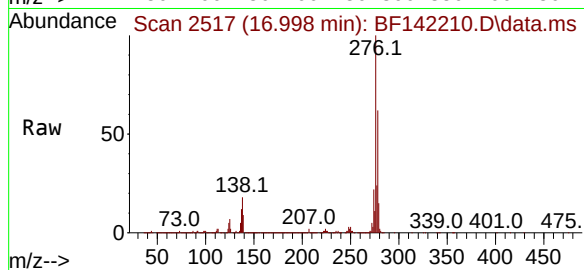
Tgt Ion:276 Resp: 2534368

Ion Ratio Lower Upper

276 100

138 19.5 15.1 22.7

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 34.803 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

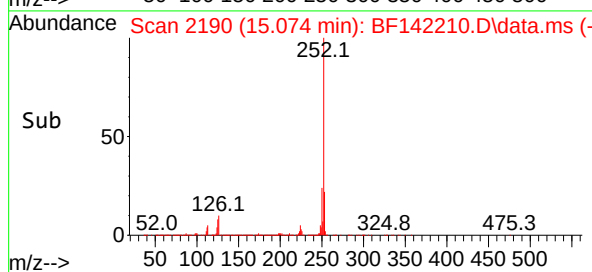
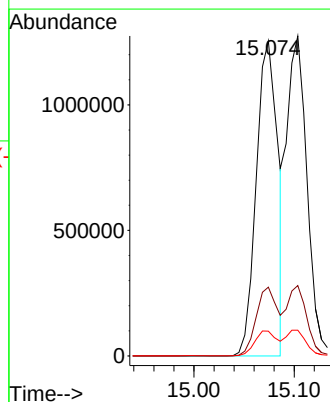
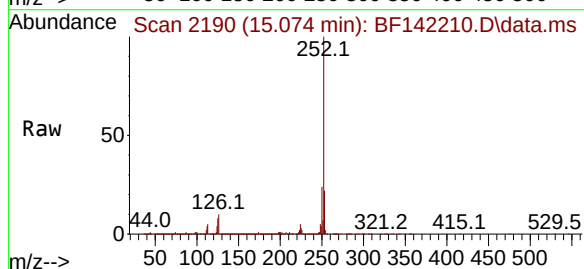
Tgt Ion:252 Resp: 1861922

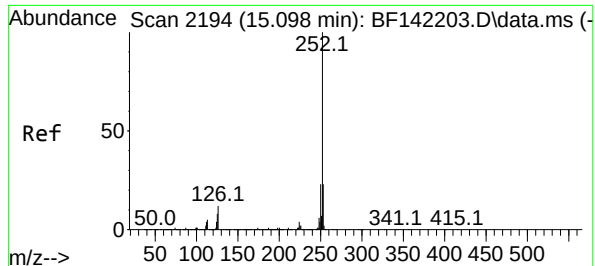
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 34.446 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

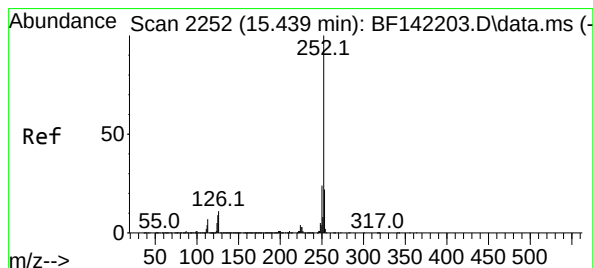
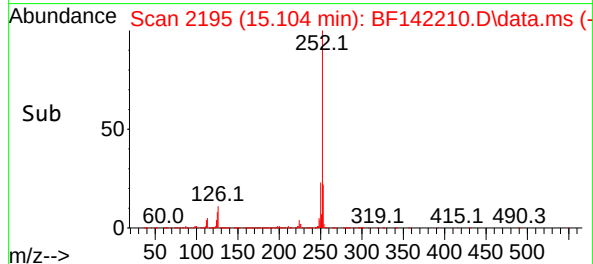
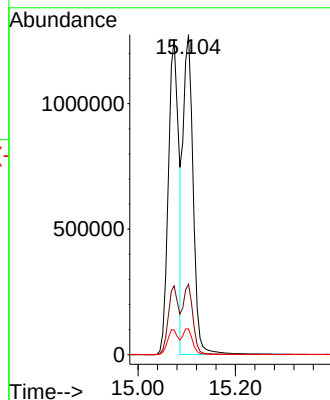
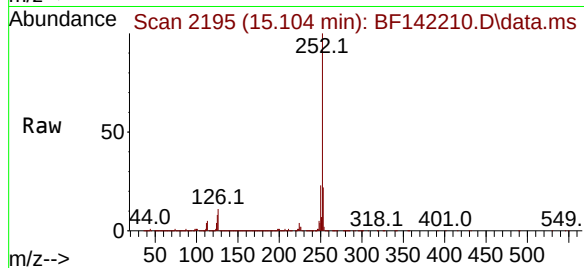
Tgt Ion:252 Resp: 1820142

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 8.1 6.6 10.0



#90

Benzo(a)pyrene

Concen: 36.526 ng

RT: 15.445 min Scan# 2253

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

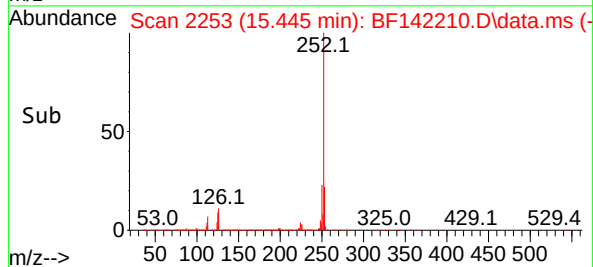
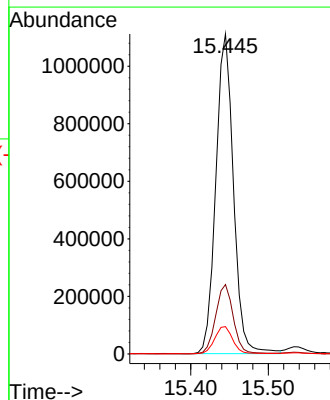
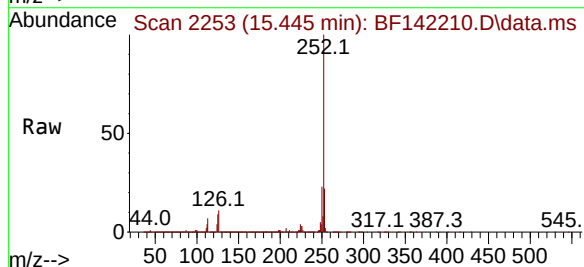
Tgt Ion:252 Resp: 1748823

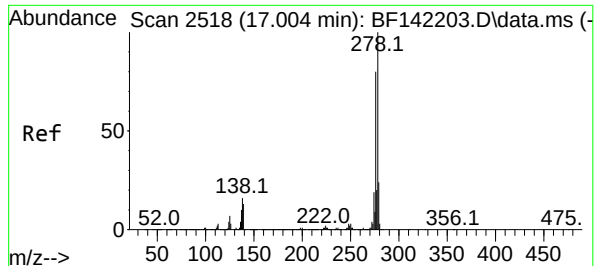
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.6 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 38.012 ng

RT: 17.009 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

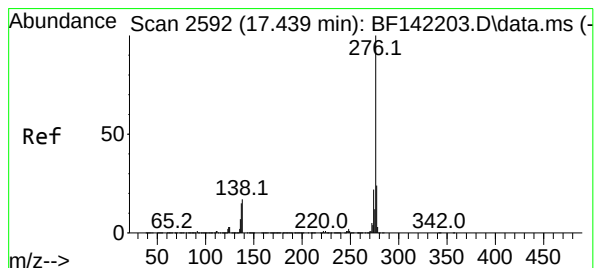
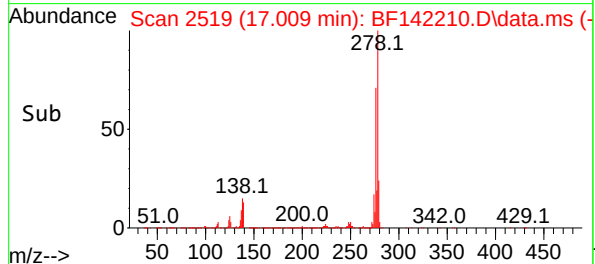
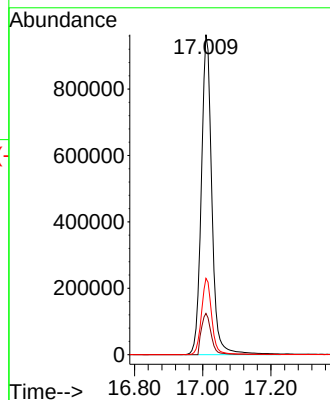
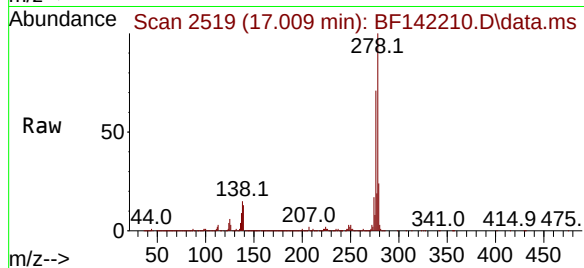
Tgt Ion:278 Resp: 2074575

Ion Ratio Lower Upper

278 100

139 12.9 10.2 15.4

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 37.617 ng

RT: 17.445 min Scan# 2593

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

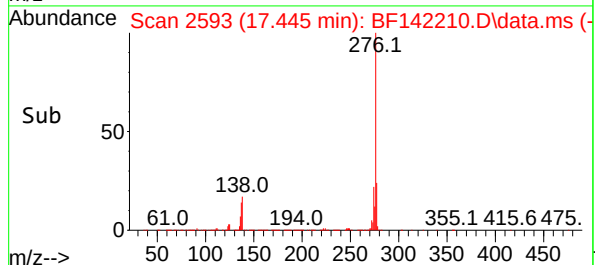
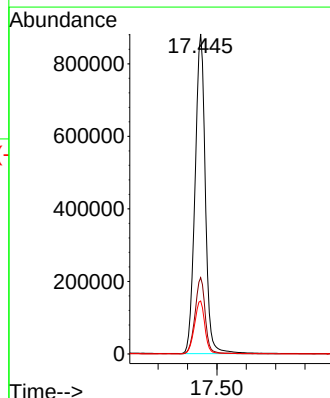
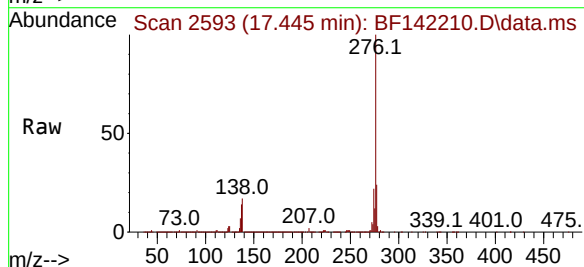
Tgt Ion:276 Resp: 2138331

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 16.6 13.4 20.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142210.D
 Acq On : 22 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	61	0.00
2	1,4-Dioxane	0.433	0.354	18.2	52	-0.02
3	Pyridine	0.940	0.850	9.6	55	-0.01
4	n-Nitrosodimethylamine	0.382	0.349	8.6	56	-0.02
5 S	2-Fluorophenol	1.067	0.999	6.4	59	0.00
6	Aniline	1.234	1.126	8.8	56	0.00
7 S	Phenol-d6	1.336	1.258	5.8	60	0.00
8	2-Chlorophenol	1.221	1.132	7.3	58	0.00
9	Benzaldehyde	0.733	0.664	9.4	60	0.00
10 C	Phenol	1.409	1.334	5.3	59	0.00
11	bis(2-Chloroethyl)ether	1.063	0.950	10.6	57	0.00
12	1,3-Dichlorobenzene	1.384	1.264	8.7	58	0.00
13 C	1,4-Dichlorobenzene	1.419	1.279	9.9	57	0.00
14	1,2-Dichlorobenzene	1.320	1.211	8.3	58	0.00
15	Benzyl Alcohol	0.974	0.951	2.4	60	0.00
16	2,2'-oxybis(1-Chloropropane	1.030	0.962	6.6	59	0.00
17	2-Methylphenol	0.919	0.863	6.1	59	0.00
18	Hexachloroethane	0.482	0.459	4.8	61	0.00
19 P	n-Nitroso-di-n-propylamine	0.755	0.714	5.4	62	0.00
20	3+4-Methylphenols	1.143	1.107	3.1	60	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	65	0.00
22	Acetophenone	0.439	0.402	8.4	61	0.00
23 S	Nitrobenzene-d5	0.318	0.299	6.0	62	0.00
24	Nitrobenzene	0.315	0.297	5.7	61	0.00
25	Isophorone	0.535	0.495	7.5	62	0.00
26 C	2-Nitrophenol	0.166	0.170	-2.4	64	0.00
27	2,4-Dimethylphenol	0.216	0.202	6.5	60	0.00
28	bis(2-Chloroethoxy)methane	0.351	0.326	7.1	61	0.00
29 C	2,4-Dichlorophenol	0.293	0.267	8.9	59	0.00
30	1,2,4-Trichlorobenzene	0.343	0.307	10.5	59	0.00
31	Naphthalene	0.945	0.895	5.3	63	0.00
32	Benzoic acid	0.175	0.163	6.9	59	0.00
33	4-Chloroaniline	0.342	0.309	9.6	59	0.00
34 C	Hexachlorobutadiene	0.226	0.202	10.6	59	0.00
35	Caprolactam	0.078	0.073	6.4	60	0.00
36 C	4-Chloro-3-methylphenol	0.295	0.271	8.1	60	0.00
37	2-Methylnaphthalene	0.653	0.594	9.0	60	0.00
38	1-Methylnaphthalene	0.632	0.577	8.7	61	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	65	0.00
40	1,2,4,5-Tetrachlorobenzene	0.654	0.578	11.6	58	0.00
41 P	Hexachlorocyclopentadiene	0.201	0.182	9.5	52	0.00
42 S	2,4,6-Tribromophenol	0.273	0.246	9.9	58	0.00
43 C	2,4,6-Trichlorophenol	0.382	0.347	9.2	58	0.00
44	2,4,5-Trichlorophenol	0.410	0.367	10.5	58	0.00
45 S	2-Fluorobiphenyl	1.227	1.133	7.7	67	0.00
46	1,1'-Biphenyl	1.434	1.355	5.5	63	0.00
47	2-Chloronaphthalene	1.113	1.013	9.0	61	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142210.D
 Acq On : 22 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	0.261	0.254	2.7	62	0.00
49	Acenaphthylene	1.573	1.460	7.2	62	0.00
50	Dimethylphthalate	1.282	1.184	7.6	61	0.00
51	2,6-Dinitrotoluene	0.288	0.265	8.0	59	0.00
52 C	Acenaphthene	1.134	1.046	7.8	61	0.00
53	3-Nitroaniline	0.276	0.245	11.2	56	0.00
54 P	2,4-Dinitrophenol	0.141	0.138	2.1	63	0.00
55	Dibenzofuran	1.590	1.477	7.1	62	0.00
56 P	4-Nitrophenol	0.202	0.175	13.4	55	0.01
57	2,4-Dinitrotoluene	0.372	0.351	5.6	60	0.00
58	Fluorene	1.230	1.137	7.6	62	0.00
59	2,3,4,6-Tetrachlorophenol	0.366	0.333	9.0	59	0.00
60	Diethylphthalate	1.197	1.114	6.9	61	0.00
61	4-Chlorophenyl-phenylether	0.677	0.610	9.9	60	0.00
62	4-Nitroaniline	0.262	0.231	11.8	56	0.00
63	Azobenzene	1.043	0.964	7.6	61	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	62	0.00
65	4,6-Dinitro-2-methylphenol	0.117	0.119	-1.7	63	0.00
66 c	n-Nitrosodiphenylamine	0.613	0.571	6.9	60	0.00
67	4-Bromophenyl-phenylether	0.263	0.236	10.3	57	0.00
68	Hexachlorobenzene	0.313	0.275	12.1	57	0.00
69	Atrazine	0.150	0.171	-14.0	106	0.00
70 C	Pentachlorophenol	0.160	0.145	9.4	53	0.00
71	Phenanthrene	0.993	0.939	5.4	62	0.00
72	Anthracene	0.993	0.946	4.7	61	0.00
73	Carbazole	0.868	0.782	9.9	58	0.00
74	Di-n-butylphthalate	0.898	0.886	1.3	61	0.00
75 C	Fluoranthene	1.032	0.919	10.9	58	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	57	0.00
77	Benzidine	0.258	0.263	-1.9	39#	0.00
78	Pyrene	1.588	1.613	-1.6	57	0.00
79 S	Terphenyl-d14	1.194	1.182	1.0	60	0.00
80	Butylbenzylphthalate	0.384	0.427	-11.2	60	0.00
81	Benzo(a)anthracene	1.211	1.114	8.0	52	0.00
82	3,3'-Dichlorobenzidine	0.361	0.351	2.8	54	0.00
83	Chrysene	1.167	1.055	9.6	53	0.00
84	Bis(2-ethylhexyl)phthalate	0.514	0.593	-15.4	62	0.00
85 c	Di-n-octyl phthalate	0.911	1.144	-25.6#	69	0.00
86 I	Perylene-d12	1.000	1.000	0.0	66	0.00
87	Indeno(1,2,3-cd)pyrene	1.403	1.329	5.3	62	0.00
88	Benzo(b)fluoranthene	1.122	0.976	13.0	56	0.00
89	Benzo(k)fluoranthene	1.108	0.954	13.9	59	0.00
90 C	Benzo(a)pyrene	1.004	0.917	8.7	61	0.00
91	Dibenzo(a,h)anthracene	1.145	1.088	5.0	61	0.00
92	Benzo(g,h,i)perylene	1.192	1.121	6.0	61	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142210.D
Acq On : 22 Apr 2025 14:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142210.D
 Acq On : 22 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	61	0.00
2	1,4-Dioxane	40.000	32.671	18.3	52	-0.02
3	Pyridine	40.000	36.158	9.6	55	-0.01
4	n-Nitrosodimethylamine	40.000	36.623	8.4	56	-0.02
5 S	2-Fluorophenol	80.000	74.891	6.4	59	0.00
6	Aniline	40.000	36.511	8.7	56	0.00
7 S	Phenol-d6	80.000	75.314	5.9	60	0.00
8	2-Chlorophenol	40.000	37.088	7.3	58	0.00
9	Benzaldehyde	40.000	36.234	9.4	60	0.00
10 C	Phenol	40.000	37.871	5.3	59	0.00
11	bis(2-Chloroethyl)ether	40.000	35.776	10.6	57	0.00
12	1,3-Dichlorobenzene	40.000	36.527	8.7	58	0.00
13 C	1,4-Dichlorobenzene	40.000	36.059	9.9	57	0.00
14	1,2-Dichlorobenzene	40.000	36.700	8.2	58	0.00
15	Benzyl Alcohol	40.000	39.068	2.3	60	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.360	6.6	59	0.00
17	2-Methylphenol	40.000	37.564	6.1	59	0.00
18	Hexachloroethane	40.000	38.106	4.7	61	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.824	5.4	62	0.00
20	3+4-Methylphenols	40.000	38.755	3.1	60	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	65	0.00
22	Acetophenone	40.000	36.660	8.4	61	0.00
23 S	Nitrobenzene-d5	80.000	75.163	6.0	62	0.00
24	Nitrobenzene	40.000	37.715	5.7	61	0.00
25	Isophorone	40.000	37.070	7.3	62	0.00
26 C	2-Nitrophenol	40.000	41.069	-2.7	64	0.00
27	2,4-Dimethylphenol	40.000	37.473	6.3	60	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.162	7.1	61	0.00
29 C	2,4-Dichlorophenol	40.000	36.435	8.9	59	0.00
30	1,2,4-Trichlorobenzene	40.000	35.763	10.6	59	0.00
31	Naphthalene	40.000	37.907	5.2	63	0.00
32	Benzoic acid	40.000	34.933	12.7	59	0.00
33	4-Chloroaniline	40.000	36.096	9.8	59	0.00
34 C	Hexachlorobutadiene	40.000	35.751	10.6	59	0.00
35	Caprolactam	40.000	37.336	6.7	60	0.00
36 C	4-Chloro-3-methylphenol	40.000	36.765	8.1	60	0.00
37	2-Methylnaphthalene	40.000	36.404	9.0	60	0.00
38	1-Methylnaphthalene	40.000	36.518	8.7	61	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	65	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	35.356	11.6	58	0.00
41 P	Hexachlorocyclopentadiene	40.000	36.256	9.4	52	0.00
42 S	2,4,6-Tribromophenol	80.000	71.855	10.2	58	0.00
43 C	2,4,6-Trichlorophenol	40.000	36.328	9.2	58	0.00
44	2,4,5-Trichlorophenol	40.000	35.813	10.5	58	0.00
45 S	2-Fluorobiphenyl	80.000	73.874	7.7	67	0.00
46	1,1'-Biphenyl	40.000	37.780	5.5	63	0.00
47	2-Chloronaphthalene	40.000	36.402	9.0	61	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142210.D
 Acq On : 22 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 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	38.865	2.8	62	0.00
49	Acenaphthylene	40.000	37.124	7.2	62	0.00
50	Dimethylphthalate	40.000	36.932	7.7	61	0.00
51	2,6-Dinitrotoluene	40.000	36.753	8.1	59	0.00
52 C	Acenaphthene	40.000	36.884	7.8	61	0.00
53	3-Nitroaniline	40.000	35.552	11.1	56	0.00
54 P	2,4-Dinitrophenol	40.000	39.176	2.1	63	0.00
55	Dibenzofuran	40.000	37.175	7.1	62	0.00
56 P	4-Nitrophenol	40.000	34.750	13.1	55	0.01
57	2,4-Dinitrotoluene	40.000	37.778	5.6	60	0.00
58	Fluorene	40.000	36.982	7.5	62	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	36.416	9.0	59	0.00
60	Diethylphthalate	40.000	37.222	6.9	61	0.00
61	4-Chlorophenyl-phenylether	40.000	36.021	9.9	60	0.00
62	4-Nitroaniline	40.000	35.193	12.0	56	0.00
63	Azobenzene	40.000	36.980	7.6	61	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	62	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.745	-1.9	63	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.293	6.8	60	0.00
67	4-Bromophenyl-phenylether	40.000	35.932	10.2	57	0.00
68	Hexachlorobenzene	40.000	35.198	12.0	57	0.00
69	Atrazine	40.000	45.766	-14.4	106	0.00
70 C	Pentachlorophenol	40.000	36.247	9.4	53	0.00
71	Phenanthrene	40.000	37.837	5.4	62	0.00
72	Anthracene	40.000	38.106	4.7	61	0.00
73	Carbazole	40.000	36.073	9.8	58	0.00
74	Di-n-butylphthalate	40.000	39.454	1.4	61	0.00
75 C	Fluoranthene	40.000	35.616	11.0	58	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	57	0.00
77	Benzydine	40.000	40.799	-2.0	39	0.00
78	Pyrene	40.000	40.623	-1.6	57	0.00
79 S	Terphenyl-d14	80.000	79.195	1.0	60	0.00
80	Butylbenzylphthalate	40.000	44.418	-11.0	60	0.00
81	Benzo(a)anthracene	40.000	36.789	8.0	52	0.00
82	3,3'-Dichlorobenzidine	40.000	38.885	2.8	54	0.00
83	Chrysene	40.000	36.150	9.6	53	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	46.101	-15.3	62	0.00
85 c	Di-n-octyl phthalate	40.000	50.216	-25.5#	69	0.00
86 I	Perylene-d12	20.000	20.000	0.0	66	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	37.880	5.3	62	0.00
88	Benzo(b)fluoranthene	40.000	34.803	13.0	56	0.00
89	Benzo(k)fluoranthene	40.000	34.446	13.9	59	0.00
90 C	Benzo(a)pyrene	40.000	36.526	8.7	61	0.00
91	Dibenzo(a,h)anthracene	40.000	38.012	5.0	61	0.00
92	Benzo(g,h,i)perylene	40.000	37.617	6.0	61	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142210.D
Acq On : 22 Apr 2025 14:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Apr 22 15:10:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 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 = 1



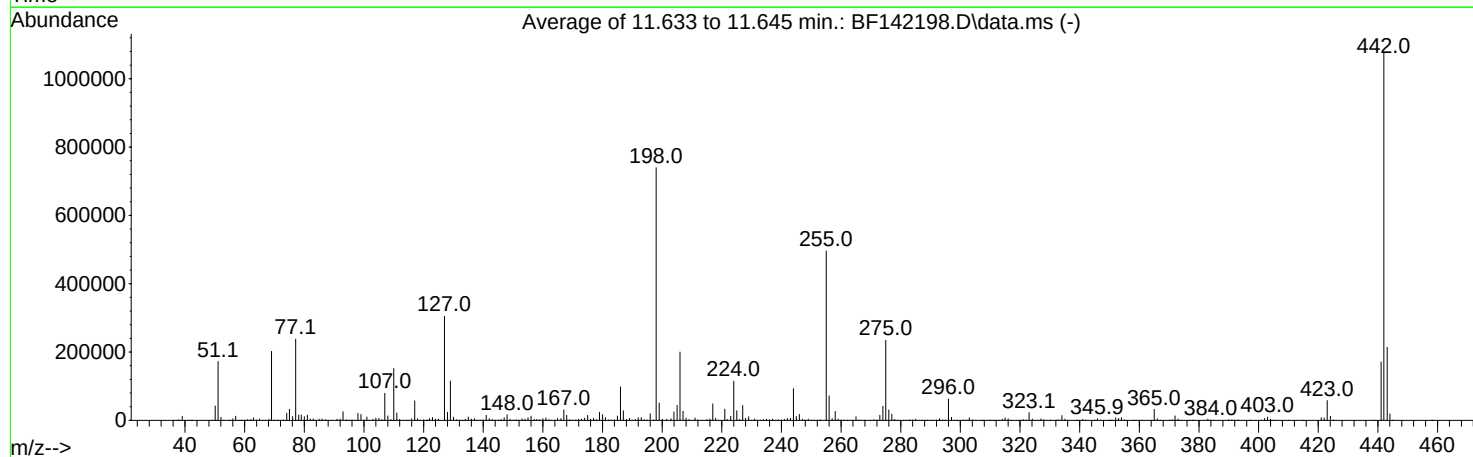
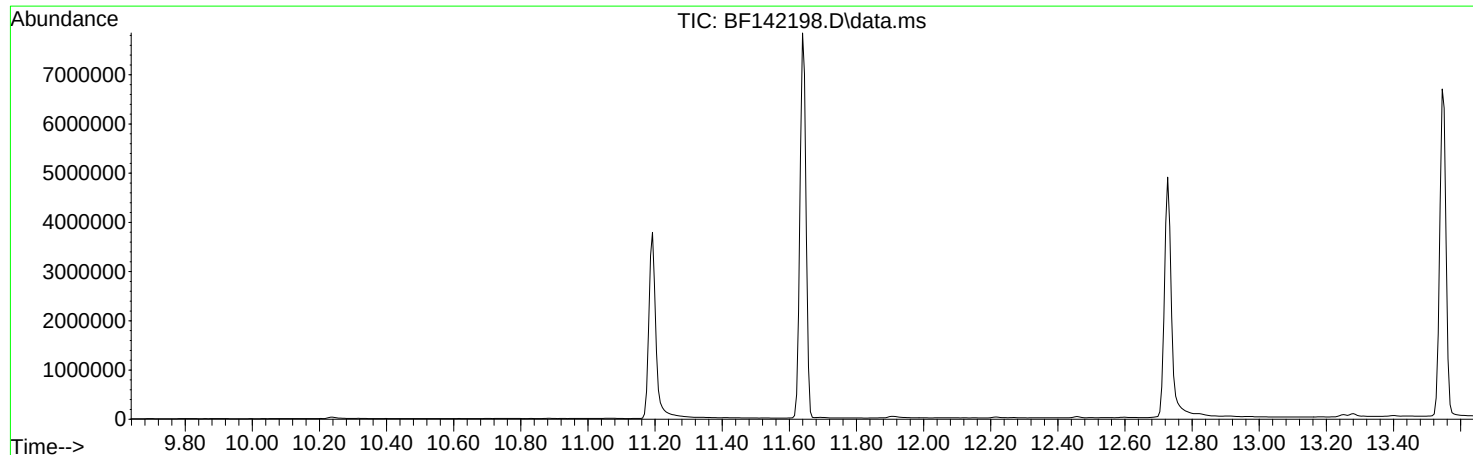
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142198.D
Acq On : 21 Apr 2025 10:43
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-BF042125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 22 02:14:30 2025



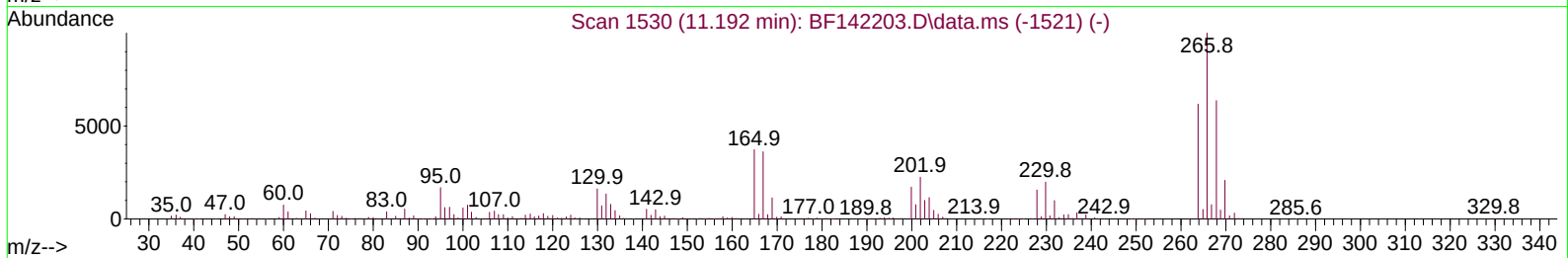
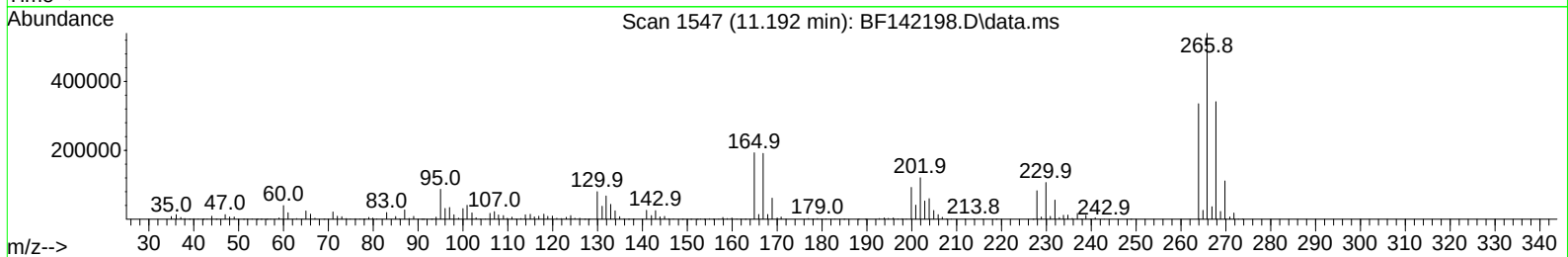
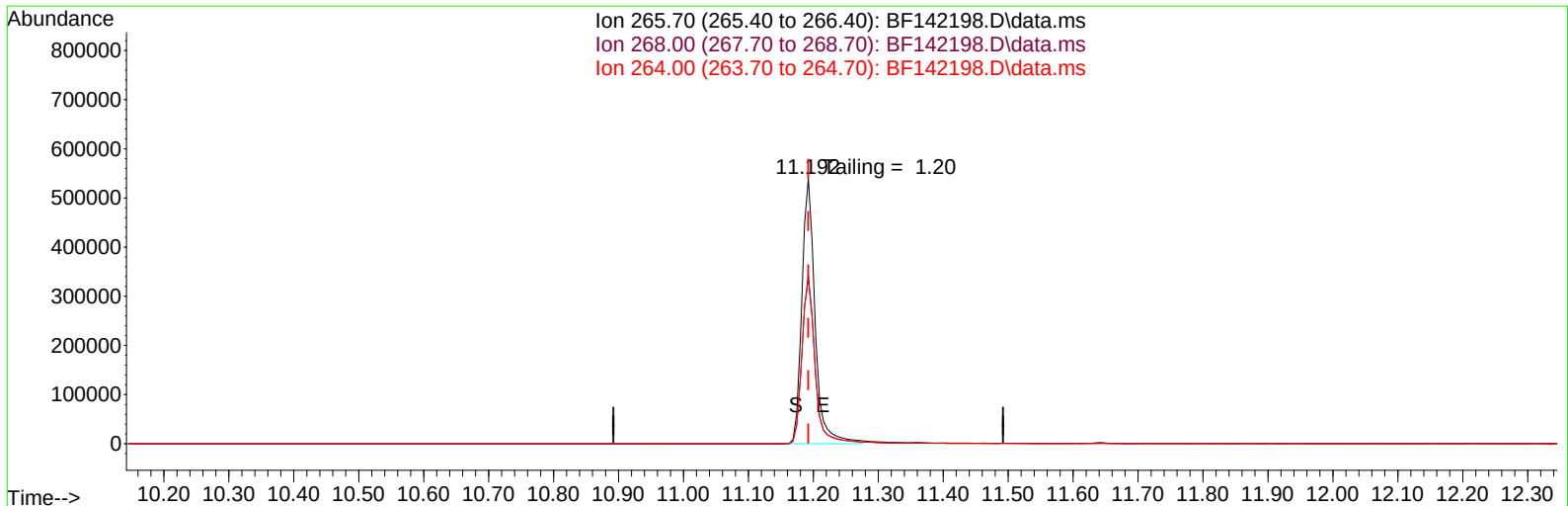
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1615

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.3	172267	PASS
68	69	0.00	2	1.8	3667	PASS
69	198	0.00	100	27.3	201908	PASS
70	69	0.00	2	0.5	956	PASS
127	198	10	80	41.2	304917	PASS
197	198	0.00	2	0.2	1446	PASS
198	198	100	100	100.0	739648	PASS
199	198	5	9	6.9	50875	PASS
275	198	10	60	31.8	234880	PASS
365	198	1	100	4.3	32168	PASS
441	198	0.01	100	23.1	170768	PASS
442	442	50	100	100.0	1076864	PASS
443	442	15	24	19.9	214315	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142198.D
Acq On : 21 Apr 2025 10:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 22 02:45:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



TIC: BF142198.D\data.ms

(70) Pentachlorophenol (C)

11.192min (-0.000) 204849.53 ng

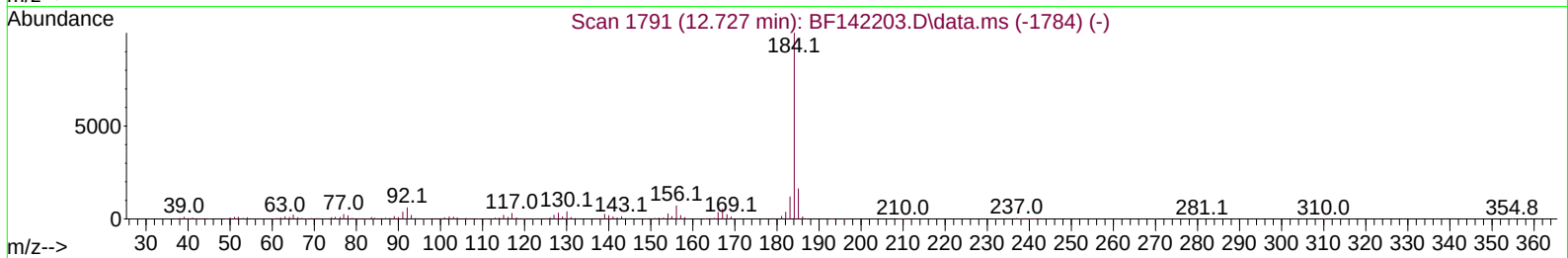
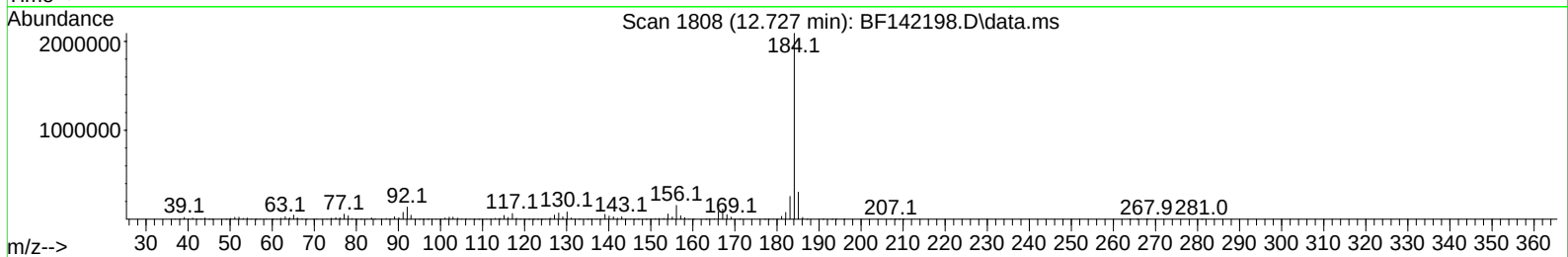
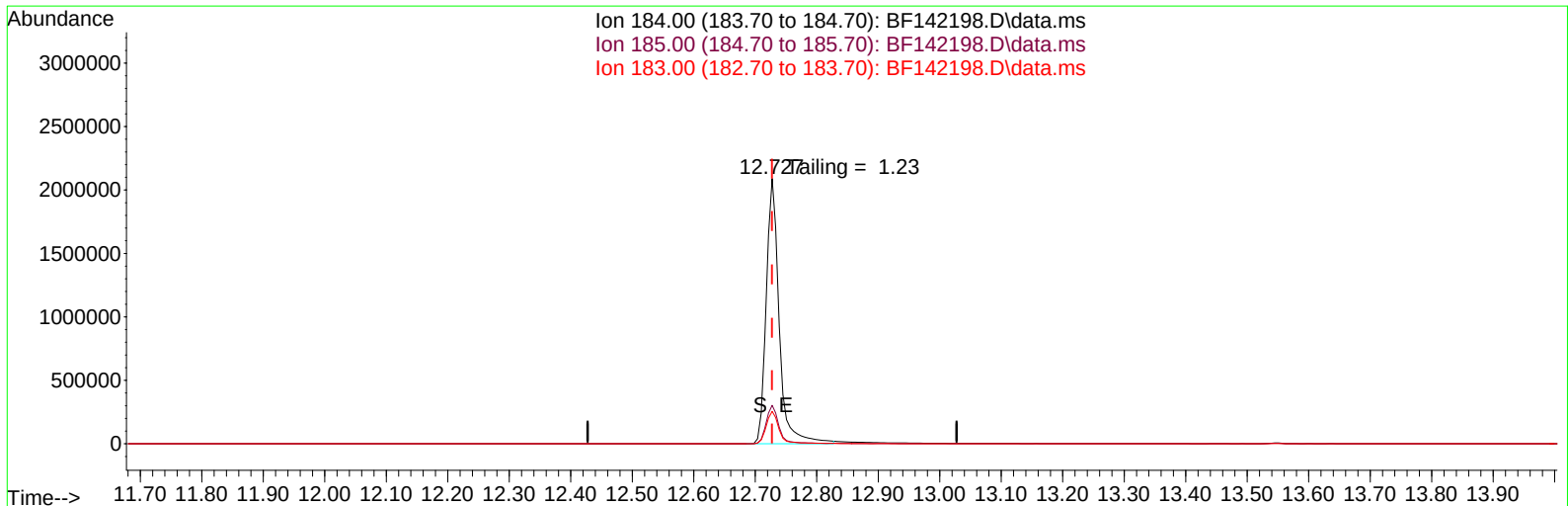
response 780132

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.60	63.26
264.00	61.80	62.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142198.D
Acq On : 21 Apr 2025 10:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 22 02:45:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



TIC: BF142198.D\data.ms

(77) Benzidine

12.727min (-0.000) 321157.70 ng

response 3162201

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	16.30	14.52
183.00	12.00	12.25
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/21/2025	BNA_F	<u>BF142198.D</u>
Compound Name	Response	Retention Time
DDT	1679767	13.545
DDD	27375	13.28
DDE	4146	12.91
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
31521	1711288	1.84

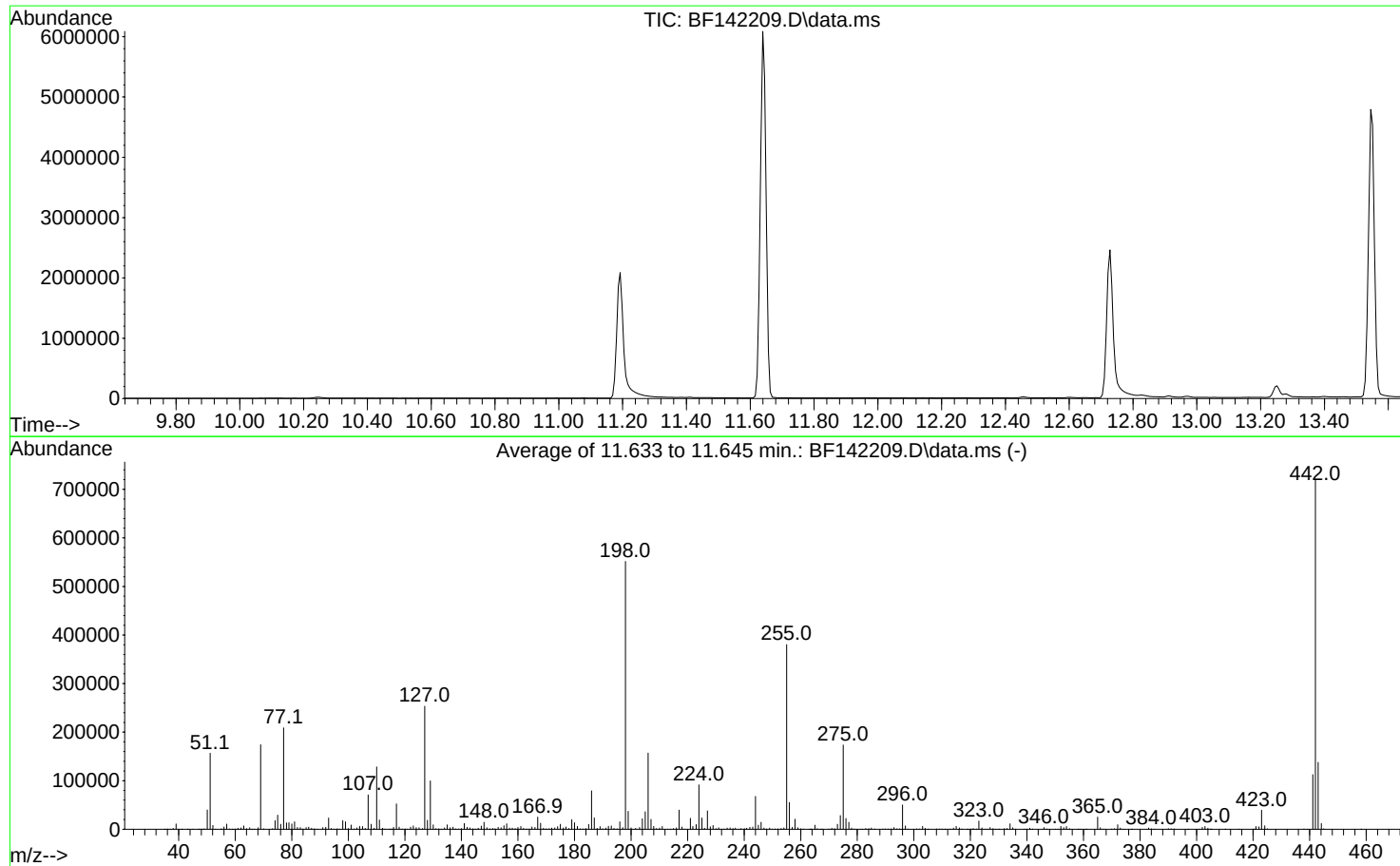
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142209.D
Acq On : 22 Apr 2025 08:26
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-BF042125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 22 02:14:30 2025



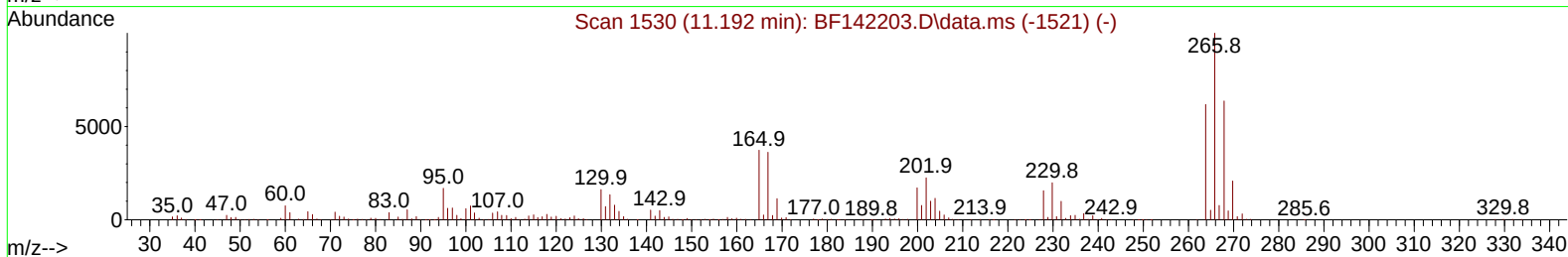
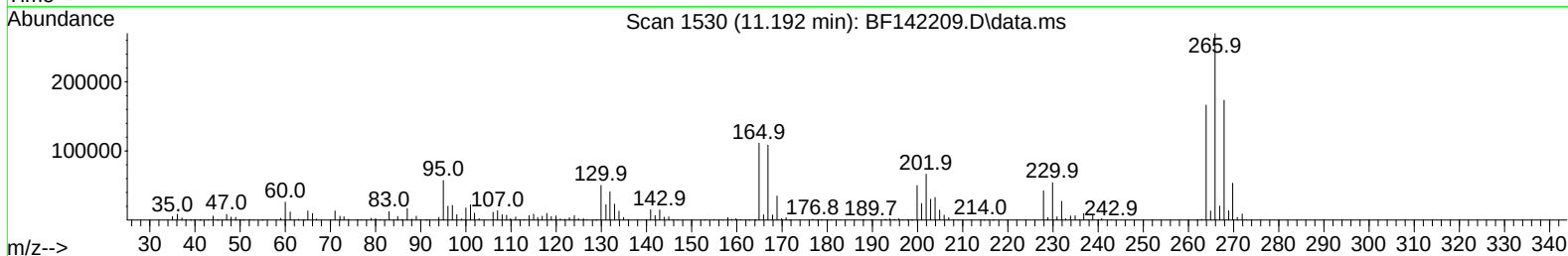
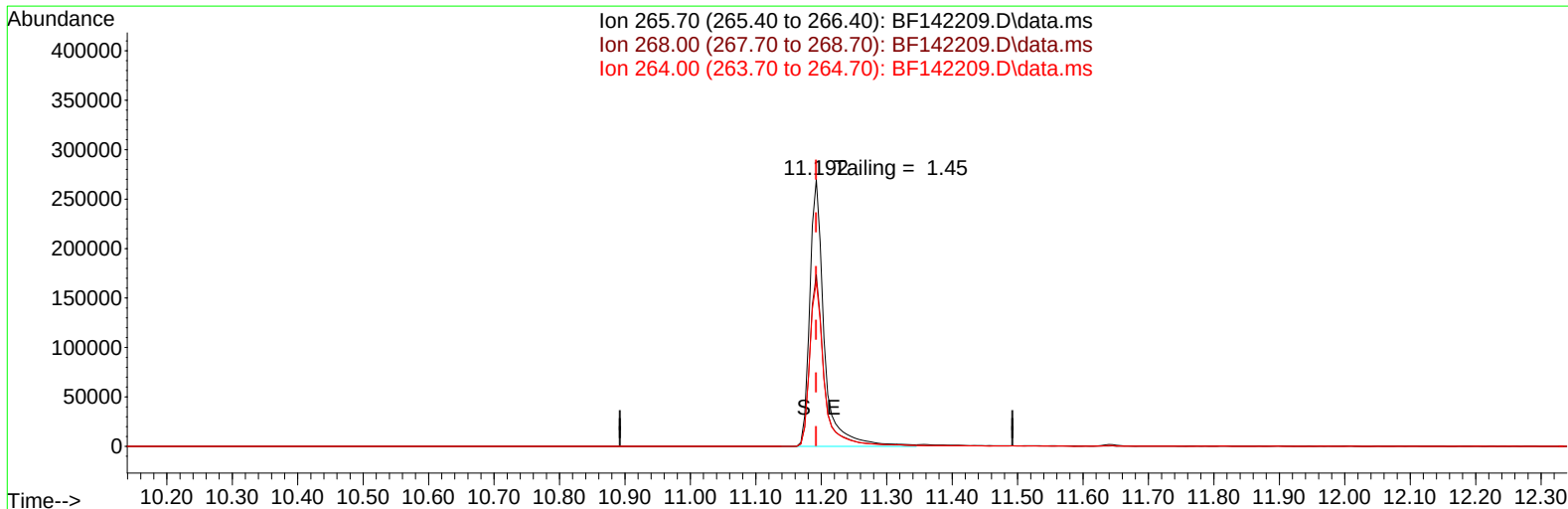
AutoFind: Scans 1605, 1606, 1607; Background Corrected with Scan 1598

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.4	156565	PASS
68	69	0.00	2	1.8	3109	PASS
69	198	0.00	100	31.6	174144	PASS
70	69	0.00	2	0.6	971	PASS
127	198	10	80	45.9	253333	PASS
197	198	0.00	2	0.6	3384	PASS
198	198	100	100	100.0	551488	PASS
199	198	5	9	6.7	37045	PASS
275	198	10	60	31.5	173653	PASS
365	198	1	100	4.5	25077	PASS
441	198	0.01	100	20.4	112384	PASS
442	442	50	100	100.0	720043	PASS
443	442	15	24	19.2	137947	PASS

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\  
Data File : BF142209.D  
Acq On    : 22 Apr 2025  08:26  
Operator  : RC/JU  
Sample    : DFTPP  
Misc      :  
ALS Vial  : 1    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 22 09:09:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



TIC: BF142209.D\data.ms

(70) Pentachlorophenol (C)

11.192min (+ 0.000) 24355.42 ng

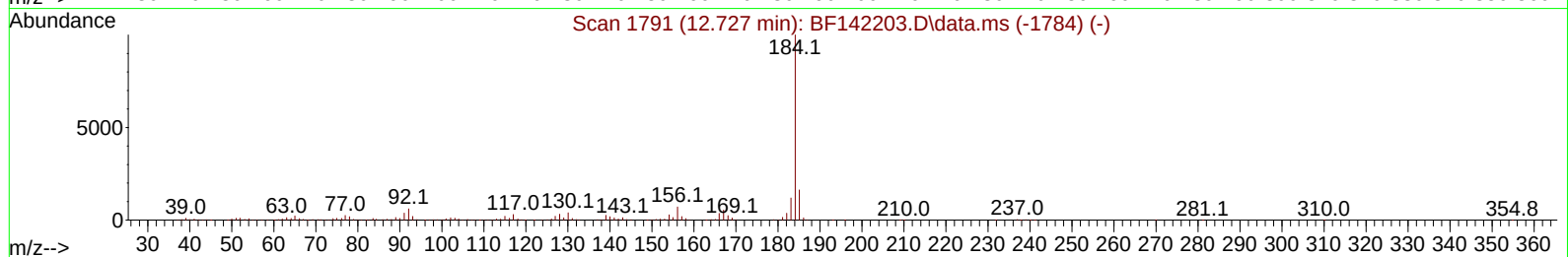
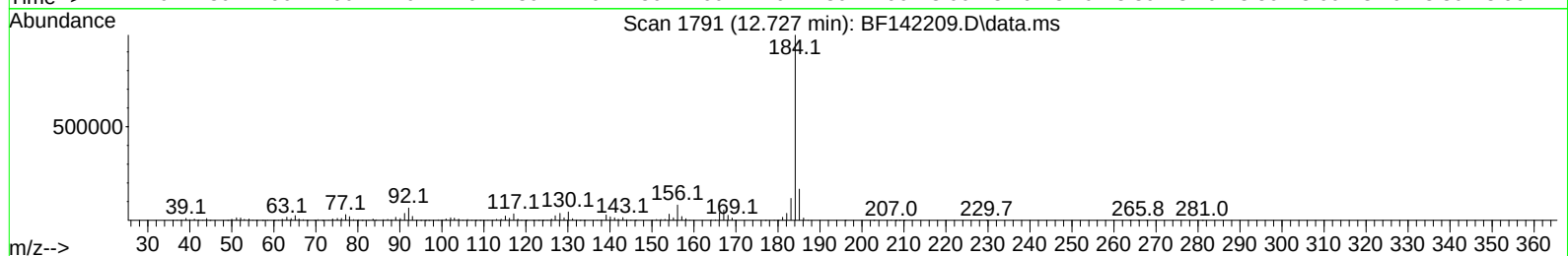
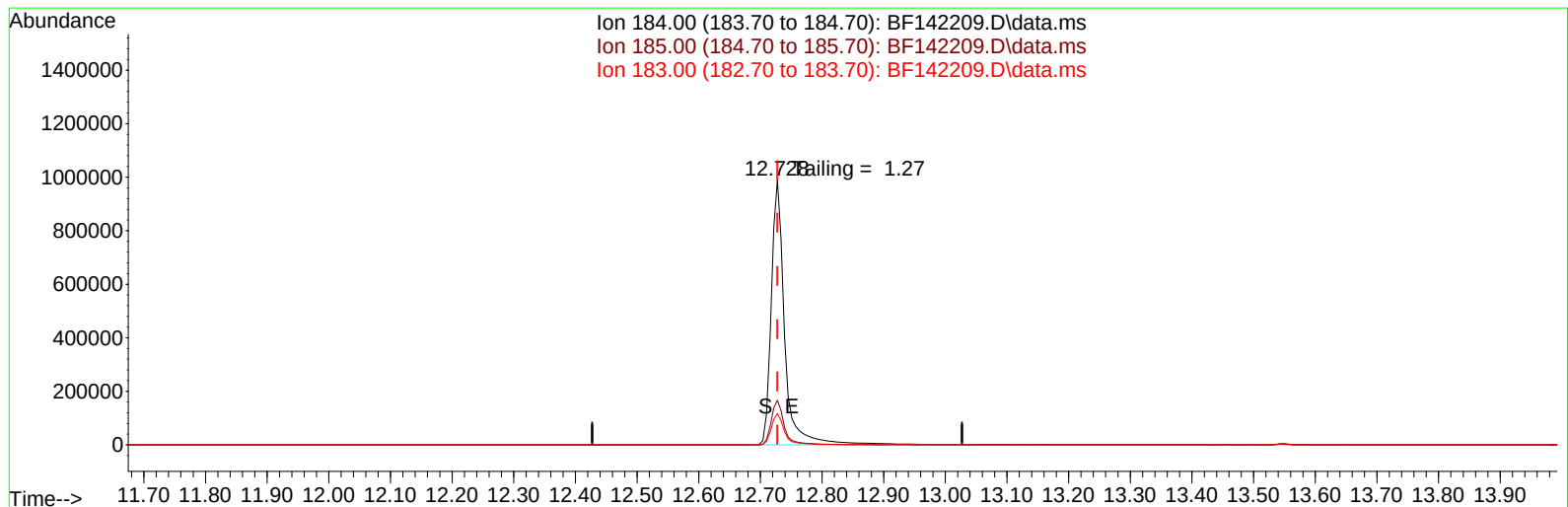
response **415153**

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.60	64.22
264.00	61.80	61.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142209.D
Acq On : 22 Apr 2025 08:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 22 09:09:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



TIC: BF142209.D\data.ms

(77) Benzidine

12.727min (+ 0.000) 124267.94 ng

response 1513832

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	16.30	16.90
183.00	12.00	11.81
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/22/2025	BNA_F	<u>BF142209.D</u>
Compound Name	Response	Retention Time
DDT	1165785	13.545
DDD	61077	13.251
DDE	4133	12.91
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
65210	1230995	5.30

Instrument :
BNA_F
ClientSampleId :
DFTPP

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167672BL	SDG No.:	Q1833
Lab Sample ID:	PB167672BL	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142213.D	1	04/21/25 08:55	04/22/25 15:41	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.86	U	0.86	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
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	5.00	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
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	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
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
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
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
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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167672BL	SDG No.:	Q1833
Lab Sample ID:	PB167672BL	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142213.D	1	04/21/25 08:55	04/22/25 15:41	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.63	U	0.63	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
103-33-3	Azobenzene	0.81	U	0.81	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
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
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
92-87-5	Benzidine	4.30	U	4.30	10.0	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
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

SURROGATES

367-12-4	2-Fluorophenol	84.8		60 - 140	85%	SPK: 100
13127-88-3	Phenol-d6	83.6		60 - 140	84%	SPK: 100
4165-60-0	Nitrobenzene-d5	88.5		60 - 140	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.1		60 - 140	85%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167672BL	SDG No.:	Q1833
Lab Sample ID:	PB167672BL	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142213.D	1	04/21/25 08:55	04/22/25 15:41	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.8		60 - 140	80%	SPK: 100
1718-51-0	Terphenyl-d14	90.3		60 - 140	90%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	445000	6.863
1146-65-2	Naphthalene-d8	1750000	8.145
15067-26-2	Acenaphthene-d10	990000	9.904
1517-22-2	Phenanthrene-d10	1760000	11.392
1719-03-5	Chrysene-d12	1080000	14.033
1520-96-3	Perylene-d12	983000	15.504

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\BF042225\
Data File : BF142213.D
Acq On : 22 Apr 2025 15:41
Operator : RC/JU
Sample : PB167672BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167672BL

Quant Time: Apr 22 16:23:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	444730	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1745369	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	989954	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1763947	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1082287	20.000	ng	0.00
86) Perylene-d12	15.504	264	982634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2012715	84.850	ng	0.02
7) Phenol-d6	6.492	99	2483975	83.616	ng	0.00
23) Nitrobenzene-d5	7.428	82	2459576	88.501	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1080394	79.821	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5165722	85.052	ng	0.00
79) Terphenyl-d14	12.974	244	5830820	90.257	ng	0.00

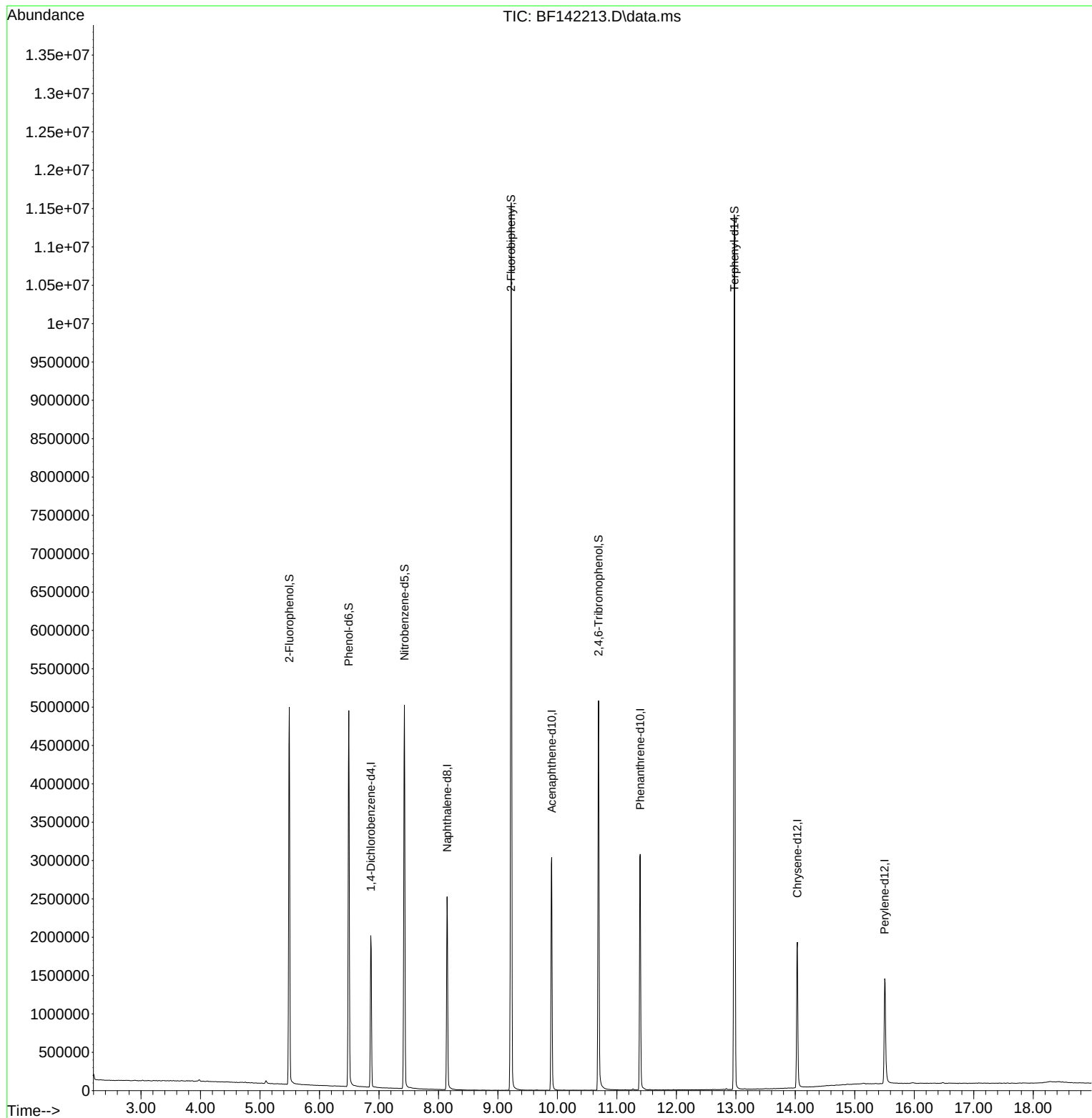
Target Compounds	Qvalue

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

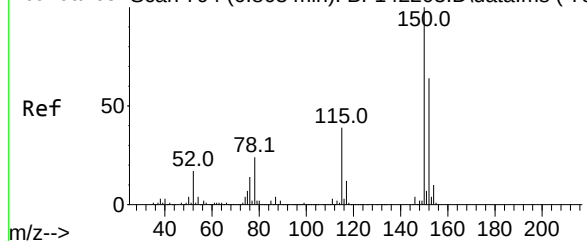
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142213.D
Acq On : 22 Apr 2025 15:41
Operator : RC/JU
Sample : PB167672BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167672BL

Quant Time: Apr 22 16:23:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration



Abundance Scan 794 (6.863 min): BF142203.D\data.ms (-78



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

Instrument :

BNA_F

ClientSampleId :

PB167672BL

Tgt Ion:152 Resp: 444730

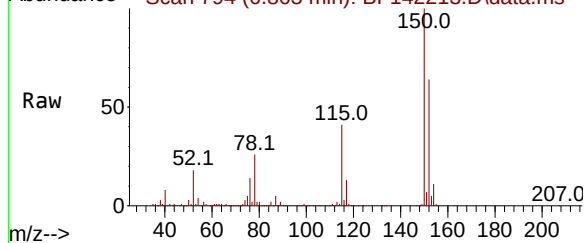
Ion Ratio Lower Upper

152 100

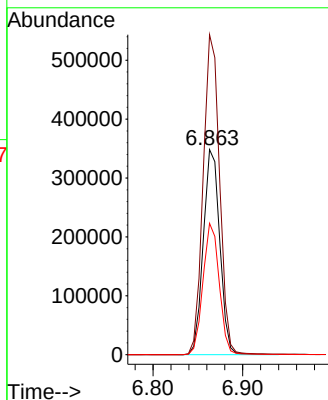
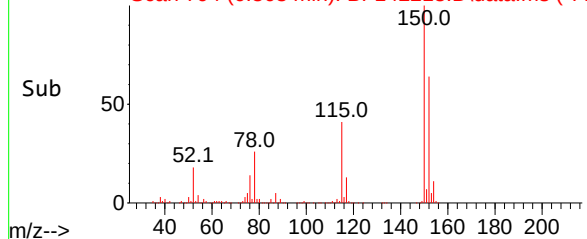
150 155.9 126.4 189.6

115 64.0 49.4 74.2

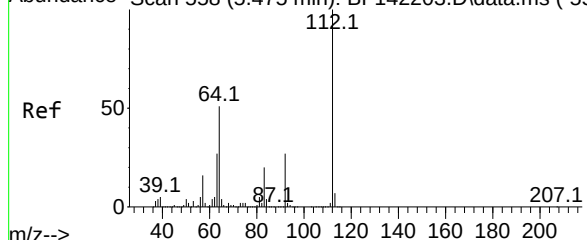
Abundance Scan 794 (6.863 min): BF142213.D\data.ms



Abundance Scan 794 (6.863 min): BF142213.D\data.ms (-77



Abundance Scan 558 (5.475 min): BF142203.D\data.ms (-55



#5

2-Fluorophenol

Concen: 84.850 ng

RT: 5.493 min Scan# 561

Delta R.T. 0.018 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

Tgt Ion:112 Resp: 2012715

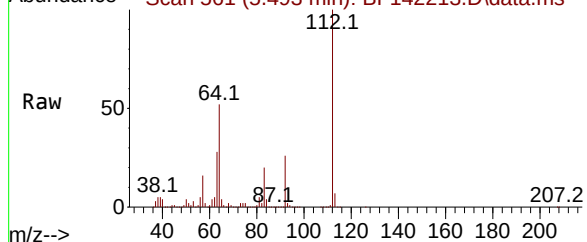
Ion Ratio Lower Upper

112 100

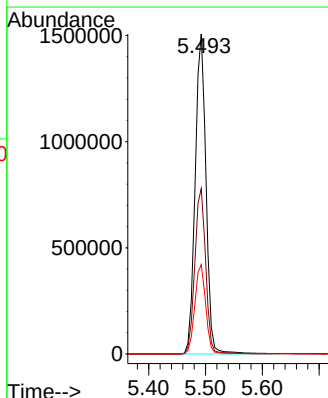
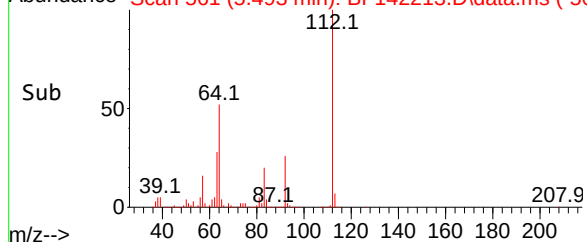
64 51.7 40.9 61.3

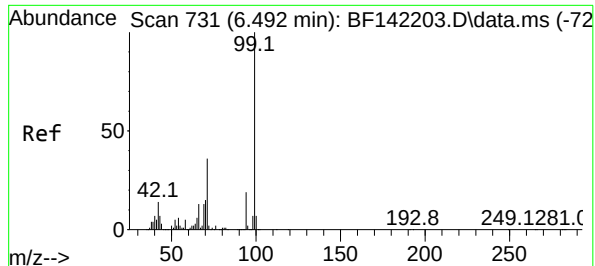
63 27.9 22.0 33.0

Abundance Scan 561 (5.493 min): BF142213.D\data.ms



Abundance Scan 561 (5.493 min): BF142213.D\data.ms (-50

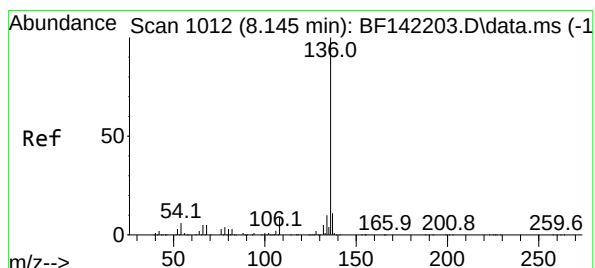
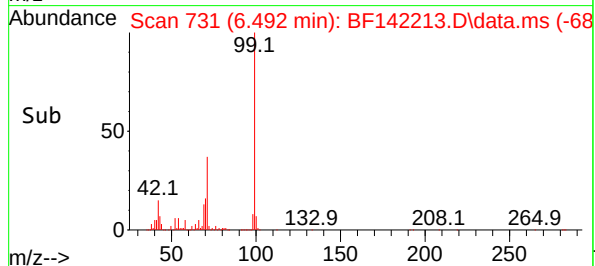
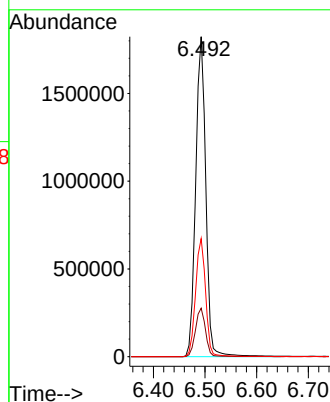
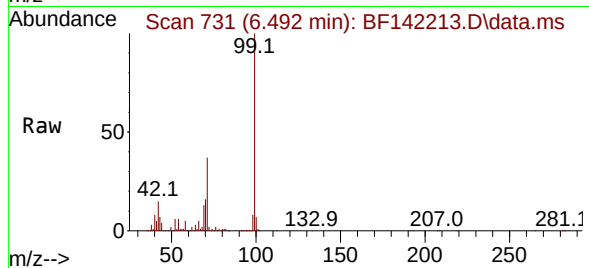




#7
Phenol-d6
Concen: 83.616 ng
RT: 6.492 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

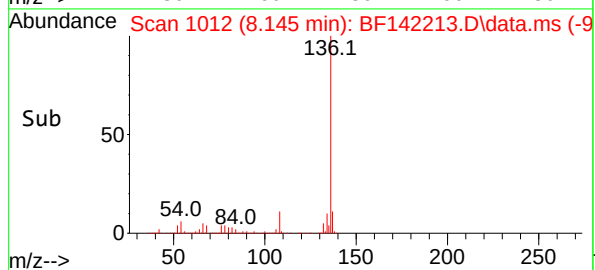
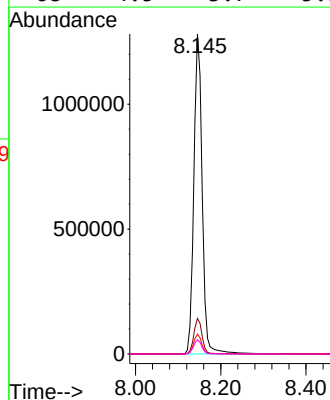
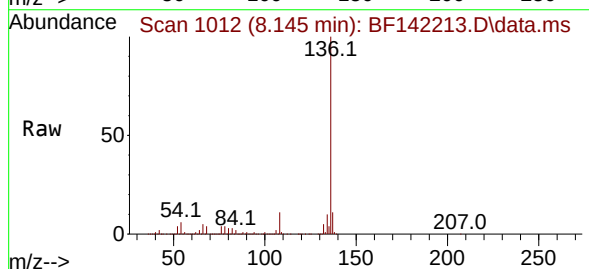
Instrument :
BNA_F
ClientSampleId :
PB167672BL

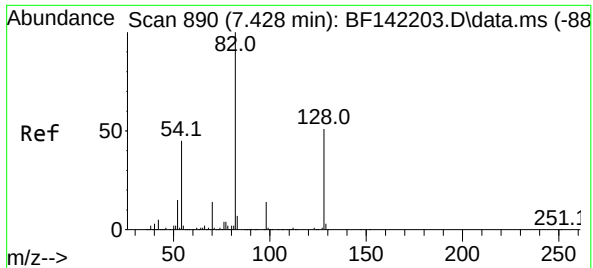
Tgt Ion: 99 Resp: 2483975
Ion Ratio Lower Upper
99 100
42 15.2 11.5 17.3
71 36.9 28.6 42.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

Tgt Ion: 136 Resp: 1745369
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.2 4.7 7.1
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 88.501 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

Instrument :

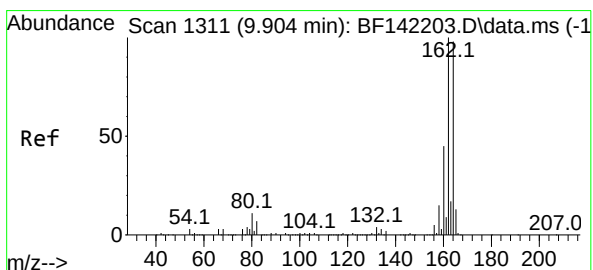
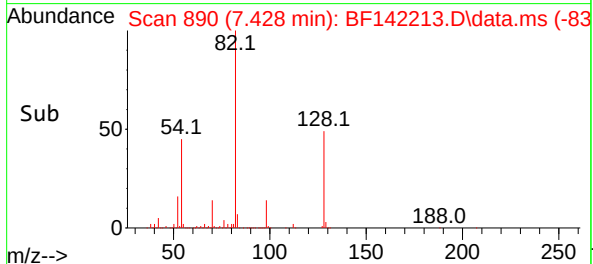
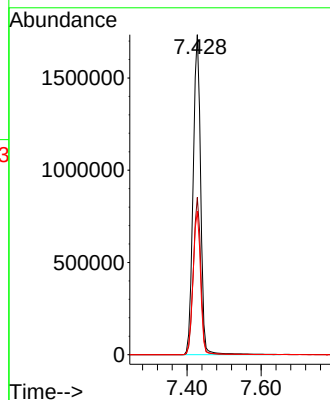
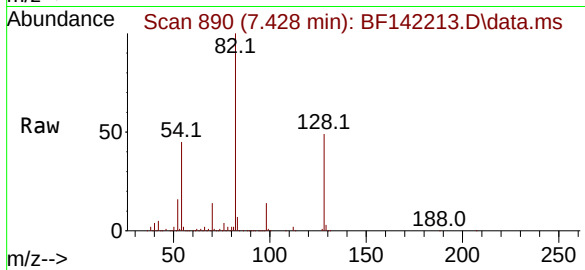
BNA_F

ClientSampleId :

PB167672BL

Tgt Ion: 82 Resp: 2459576

Ion	Ratio	Lower	Upper
82	100		
128	49.1	40.2	60.2
54	44.9	35.5	53.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

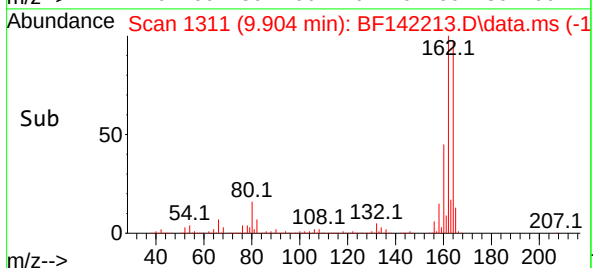
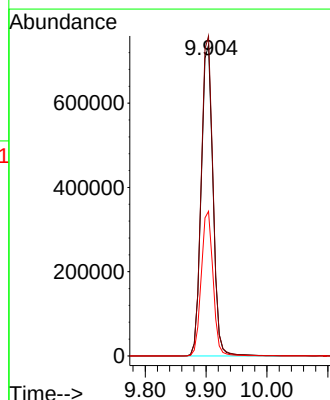
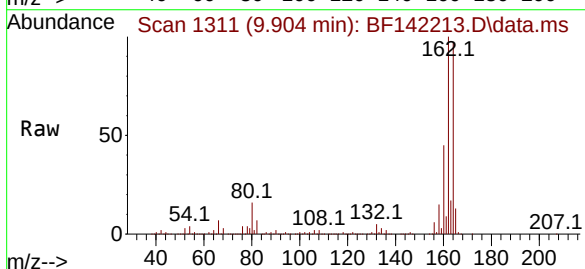
Delta R.T. -0.000 min

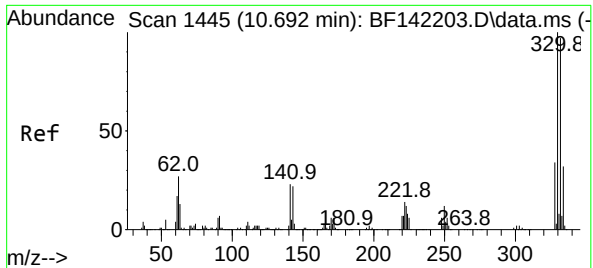
Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

Tgt Ion: 164 Resp: 989954

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.9	122.9
160	46.5	36.8	55.2

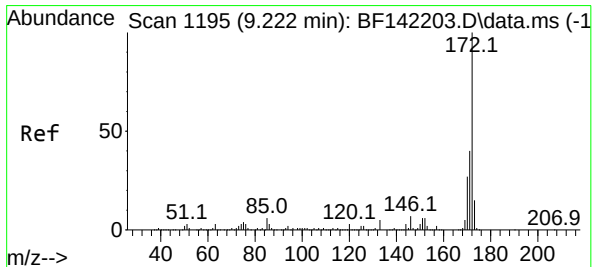
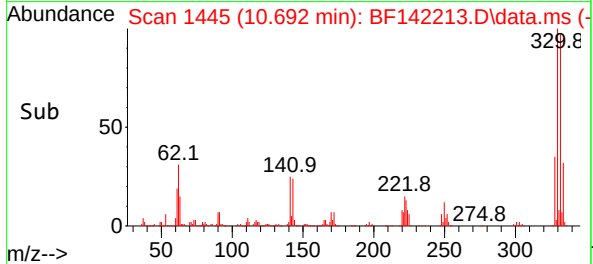
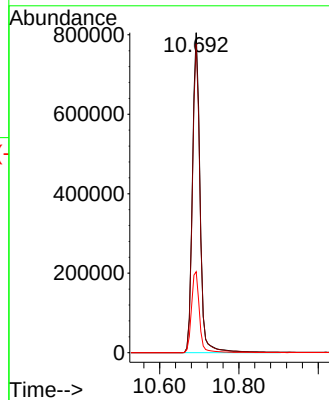
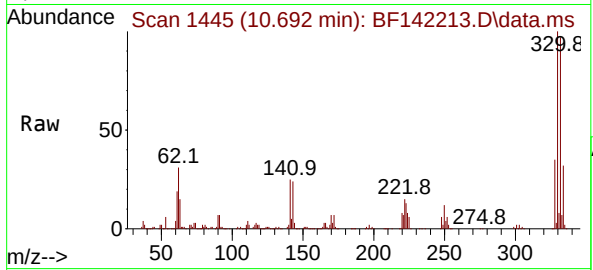




#42
2,4,6-Tribromophenol
Concen: 79.821 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

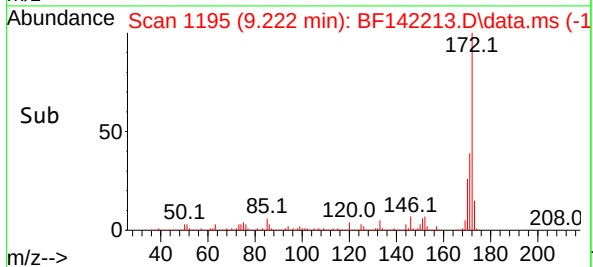
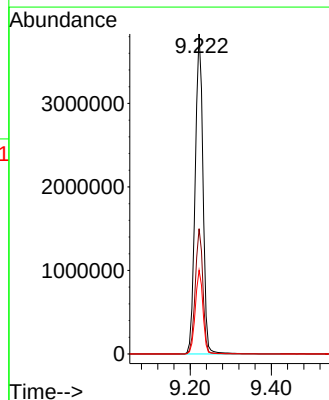
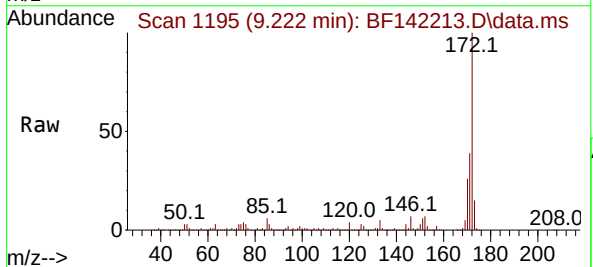
Instrument :
BNA_F
ClientSampleId :
PB167672BL

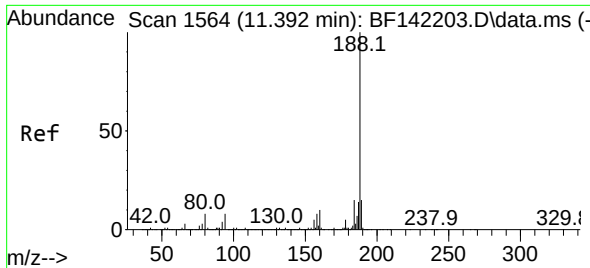
Tgt Ion:330 Resp: 1080394
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 26.4 18.9 28.3



#45
2-Fluorobiphenyl
Concen: 85.052 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

Tgt Ion:172 Resp: 5165722
Ion Ratio Lower Upper
172 100
171 39.2 32.1 48.1
170 26.2 21.4 32.0

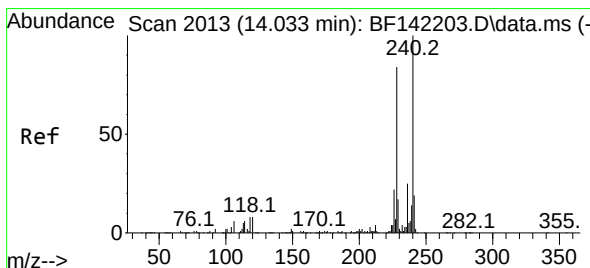
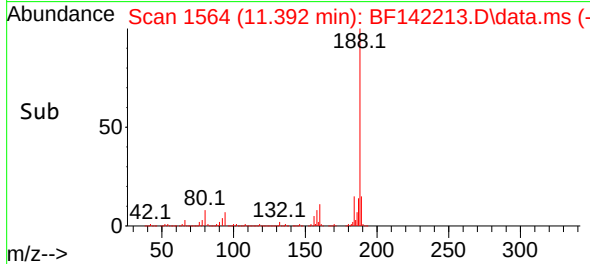
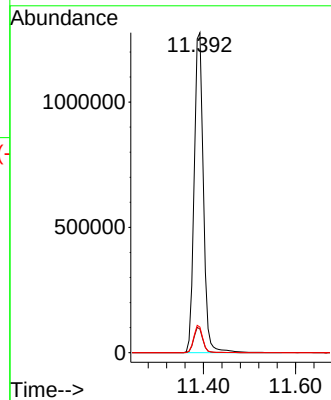
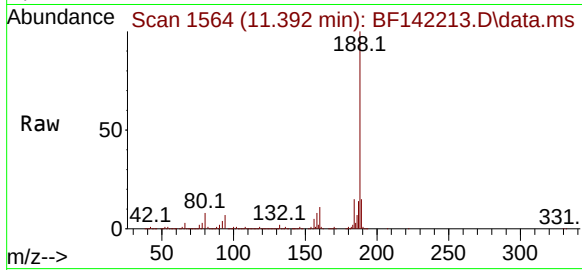




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

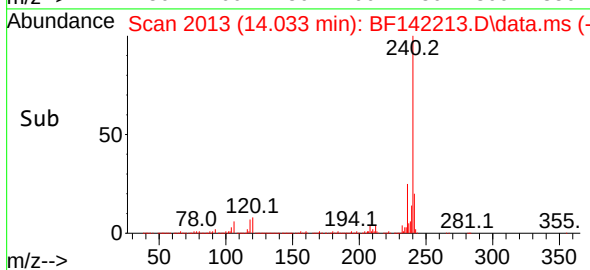
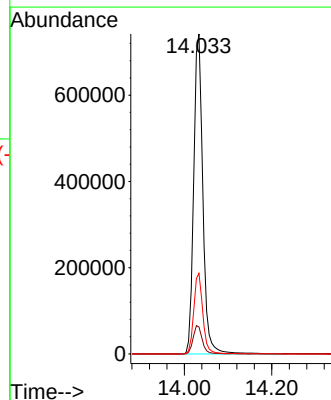
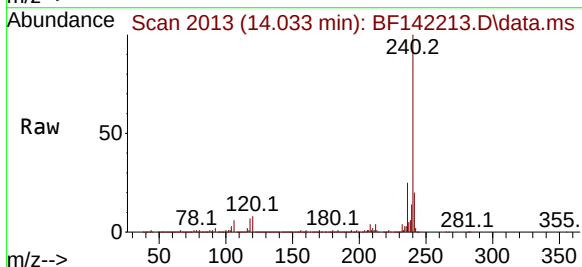
Instrument :
BNA_F
ClientSampleId :
PB167672BL

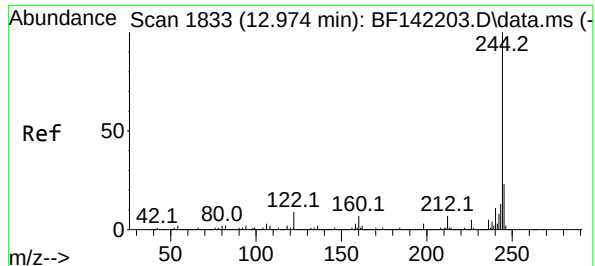
Tgt Ion:188 Resp: 1763947
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.0 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF142213.D
Acq: 22 Apr 2025 15:41

Tgt Ion:240 Resp: 1082287
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.2 20.2 30.2





#79

Terphenyl-d14

Concen: 90.257 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

Instrument :

BNA_F

ClientSampleId :

PB167672BL

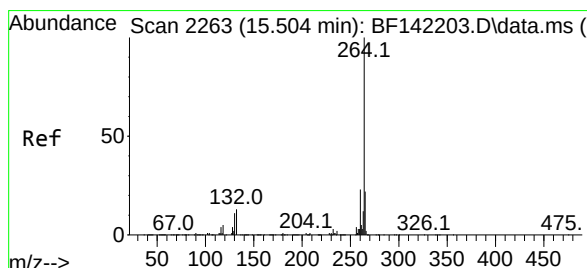
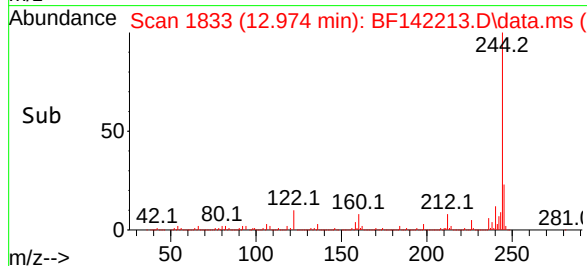
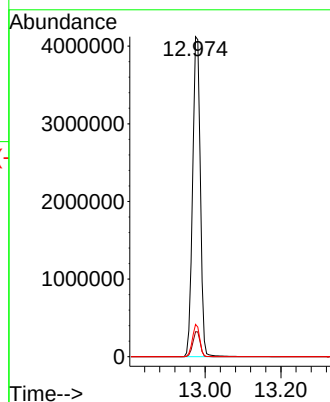
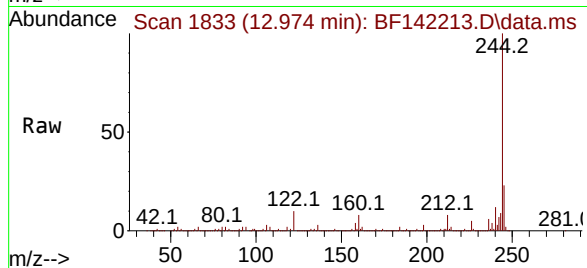
Tgt Ion:244 Resp: 5830820

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 10.1 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142213.D

Acq: 22 Apr 2025 15:41

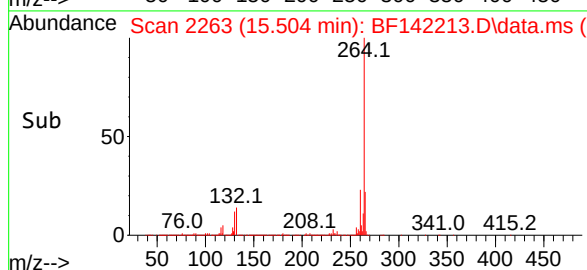
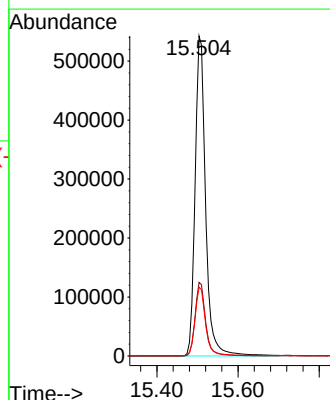
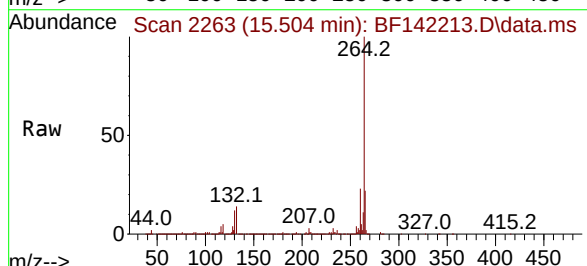
Tgt Ion:264 Resp: 982634

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.5 16.9 25.3



Report of Analysis

Client:	Ardmore Chemical		Date Collected:	
Project:	PVSC Monthly 2025		Date Received:	
Client Sample ID:	PB167672BS		SDG No.:	Q1833
Lab Sample ID:	PB167672BS		Matrix:	Water
Analytical Method:	625.1		% 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 :	3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142211.D	1	04/21/25 08:55	04/22/25 14:44	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	44.2		0.86	10.0	ug/L
108-95-2	Phenol	45.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	46.4		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.4		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.5		1.40	5.00	ug/L
67-72-1	Hexachloroethane	46.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.4		0.76	5.00	ug/L
78-59-1	Isophorone	47.1		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	48.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	60.7		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.7		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.8		0.54	5.00	ug/L
91-20-3	Naphthalene	42.8		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.9		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	44.4		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	46.2		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.3		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	44.8		0.61	5.00	ug/L
208-96-8	Acenaphthylene	47.1		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	45.2		0.92	5.00	ug/L
83-32-9	Acenaphthene	49.0		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	91.9	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	48.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.6		0.68	5.00	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167672BS	SDG No.:	Q1833
Lab Sample ID:	PB167672BS	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142211.D	1	04/21/25 08:55	04/22/25 14:44	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	44.5		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.0		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.3		0.58	5.00	ug/L
103-33-3	Azobenzene	44.5		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.5		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	43.3		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	88.8	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	45.4		0.50	5.00	ug/L
120-12-7	Anthracene	46.4		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	47.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.3		0.82	5.00	ug/L
92-87-5	Benzidine	55.6		4.30	10.0	ug/L
129-00-0	Pyrene	46.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	55.6		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	18.1		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	47.7		0.45	5.00	ug/L
218-01-9	Chrysene	41.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	56.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.0		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	40.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.3		0.69	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	85.8	60 - 140	86%	SPK: 100
13127-88-3	Phenol-d6	84.3	60 - 140	84%	SPK: 100
4165-60-0	Nitrobenzene-d5	86.9	60 - 140	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.6	60 - 140	85%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167672BS	SDG No.:	Q1833
Lab Sample ID:	PB167672BS	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142211.D	1	04/21/25 08:55	04/22/25 14:44	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.1		60 - 140	85%	SPK: 100
1718-51-0	Terphenyl-d14	90.6		60 - 140	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	455000	6.869			
1146-65-2	Naphthalene-d8	1780000	8.151			
15067-26-2	Acenaphthene-d10	987000	9.904			
1517-22-2	Phenanthrene-d10	1680000	11.392			
1719-03-5	Chrysene-d12	970000	14.033			
1520-96-3	Perylene-d12	1150000	15.51			

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\BF042225\
 Data File : BF142211.D
 Acq On : 22 Apr 2025 14:44
 Operator : RC/JU
 Sample : PB167672BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167672BS

Quant Time: Apr 22 15:11:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	454794	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	1778060	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	986845	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1683111	20.000	ng	0.00
76) Chrysene-d12	14.033	240	969588	20.000	ng	0.00
86) Perylene-d12	15.510	264	1146363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2081397	85.804	ng	0.02
7) Phenol-d6	6.498	99	2559975	84.267	ng	0.00
23) Nitrobenzene-d5	7.428	82	2460214	86.897	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	1148721	85.136	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5122626	84.608	ng	0.00
79) Terphenyl-d14	12.975	244	5245486	90.634	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	350439	35.590	ng	99
3) Pyridine	3.469	79	907746	42.474	ng	99
4) n-Nitrosodimethylamine	3.416	42	383482	44.190	ng	# 99
6) Aniline	6.528	93	1081277	38.547	ng	# 89
8) 2-Chlorophenol	6.651	128	1288763	46.413	ng	99
9) Benzaldehyde	6.416	77	622352	37.313	ng	98
10) Phenol	6.510	94	1471069	45.910	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	1055080	43.664	ng	98
12) 1,3-Dichlorobenzene	6.810	146	1408763	44.772	ng	99
13) 1,4-Dichlorobenzene	6.887	146	1411369	43.734	ng	99
14) 1,2-Dichlorobenzene	7.040	146	1375432	45.814	ng	99
15) Benzyl Alcohol	7.010	79	1036511	46.794	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1062520	45.365	ng	92
17) 2-Methylphenol	7.122	107	1012237	48.437	ng	98
18) Hexachloroethane	7.381	117	511919	46.695	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	781891	45.515	ng	99
20) 3+4-Methylphenols	7.275	107	1229631	47.310	ng	91
22) Acetophenone	7.275	105	1682163	43.101	ng	96
24) Nitrobenzene	7.451	77	1244975	44.387	ng	100
25) Isophorone	7.687	82	2237769	47.087	ng	99
26) 2-Nitrophenol	7.763	139	707013	47.954	ng	96
27) 2,4-Dimethylphenol	7.804	122	1163165	60.675	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	1394963	44.723	ng	99
29) 2,4-Dichlorophenol	8.010	162	1130146	43.346	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	1305890	42.830	ng	98
31) Naphthalene	8.169	128	3592861	42.776	ng	99
32) Benzoic acid	7.928	122	703546	40.893	ng	98
33) 4-Chloroaniline	8.222	127	435377	14.315	ng	99
34) Hexachlorobutadiene	8.287	225	863956	42.938	ng	99
35) Caprolactam	8.592	113	324719m	46.687	ng	
36) 4-Chloro-3-methylphenol	8.704	107	1165678	44.414	ng	99
37) 2-Methylnaphthalene	8.863	142	2281698	39.307	ng	99
38) 1-Methylnaphthalene	8.963	142	2359383	41.979	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	1380442	42.752	ng	99
41) Hexachlorocyclopentadiene	9.016	237	1850364	186.881	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	870794	46.193	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142211.D
 Acq On : 22 Apr 2025 14:44
 Operator : RC/JU
 Sample : PB167672BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167672BS

Quant Time: Apr 22 15:11:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

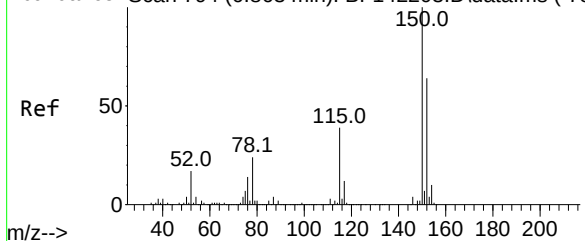
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	896425	44.363	ng	97
46) 1,1'-Biphenyl	9.328	154	3104406	43.870	ng	100
47) 2-Chloronaphthalene	9.351	162	2433061	44.296	ng	99
48) 2-Nitroaniline	9.445	65	609375	47.329	ng	94
49) Acenaphthylene	9.769	152	3653876	47.063	ng	100
50) Dimethylphthalate	9.628	163	2836336	44.827	ng	100
51) 2,6-Dinitrotoluene	9.692	165	641418	45.153	ng	99
52) Acenaphthene	9.939	154	2740165m	48.978	ng	
53) 3-Nitroaniline	9.857	138	289393	21.261	ng	92
54) 2,4-Dinitrophenol	9.969	184	785295	112.869	ng	96
55) Dibenzofuran	10.110	168	3345770	42.657	ng	98
56) 4-Nitrophenol	10.028	139	915444	91.942	ng	98
57) 2,4-Dinitrotoluene	10.092	165	892061	48.619	ng	97
58) Fluorene	10.457	166	2700086	44.502	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	811524	44.922	ng	100
60) Diethylphthalate	10.328	149	2687801	45.492	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1458223	43.649	ng	99
62) 4-Nitroaniline	10.475	138	575486	44.481	ng	96
63) Azobenzene	10.604	77	2288089	44.474	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	510956	52.007	ng	97
66) n-Nitrosodiphenylamine	10.563	169	2334943	45.264	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	963042	43.508	ng	100
68) Hexachlorobenzene	11.004	284	1139419	43.256	ng	99
69) Atrazine	11.092	200	801362	63.658	ng	99
70) Pentachlorophenol	11.198	266	1193219	88.796	ng	99
71) Phenanthrene	11.416	178	3792389	45.374	ng	100
72) Anthracene	11.469	178	3876240	46.382	ng	100
73) Carbazole	11.622	167	3197354	43.793	ng	99
74) Di-n-butylphthalate	11.951	149	3557598	47.078	ng	100
75) Fluoranthene	12.604	202	3677228	42.325	ng	99
77) Benzidine	12.727	184	695113	55.555	ng	99
78) Pyrene	12.833	202	3586889	46.579	ng	99
80) Butylbenzylphthalate	13.451	149	1035601	55.561	ng	98
81) Benzo(a)anthracene	14.022	228	2800475	47.687	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	316042	18.072	ng	97
83) Chrysene	14.063	228	2362561	41.755	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1349302	54.112	ng	99
85) Di-n-octyl phthalate	14.621	149	2476067	56.065	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	3785133	47.061	ng	99
88) Benzo(b)fluoranthene	15.074	252	2955291	45.951	ng	100
89) Benzo(k)fluoranthene	15.104	252	2588845	40.754	ng	100
90) Benzo(a)pyrene	15.445	252	2779396	48.289	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	3084163	47.007	ng	99
92) Benzo(g,h,i)perylene	17.451	276	3026643	44.290	ng	99

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

Instrument :
BNA_F
ClientSampleId :
PB167672BS

[illegible]

Abundance Scan 794 (6.863 min): BF142203.D\data.ms (-78)



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.869 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

Tgt Ion:152 Resp: 454794

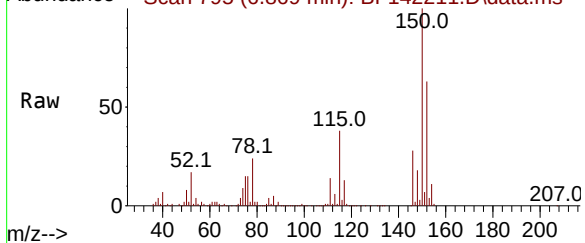
Ion Ratio Lower Upper

152 100

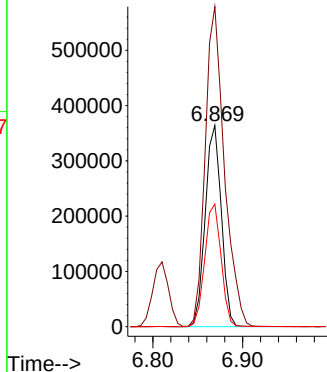
150 159.1 126.4 189.6

115 60.9 49.4 74.2

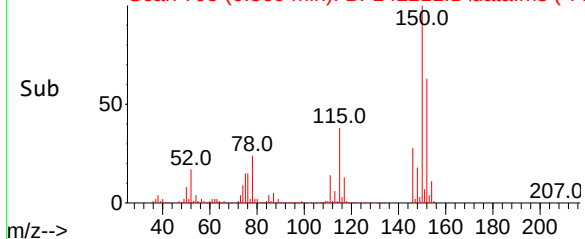
Abundance Scan 795 (6.869 min): BF142211.D\data.ms



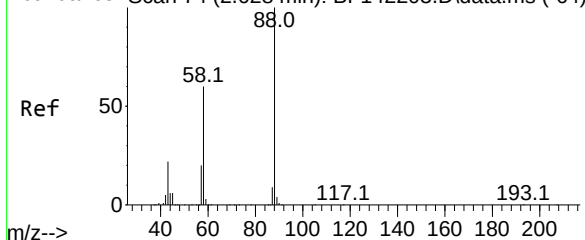
Abundance



Abundance Scan 795 (6.869 min): BF142211.D\data.ms (-77)



Abundance Scan 74 (2.628 min): BF142203.D\data.ms (-64)



#2

1,4-Dioxane

Concen: 35.590 ng

RT: 2.710 min Scan# 88

Delta R.T. 0.082 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Tgt Ion: 88 Resp: 350439

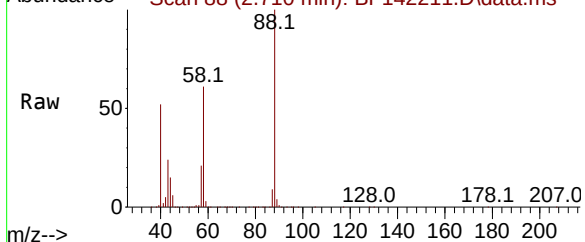
Ion Ratio Lower Upper

88 100

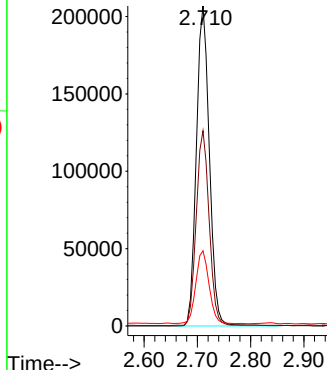
58 60.5 47.8 71.6

43 23.0 17.8 26.8

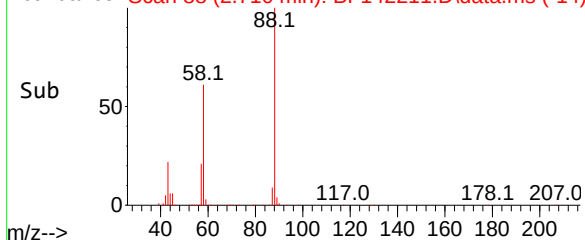
Abundance Scan 88 (2.710 min): BF142211.D\data.ms

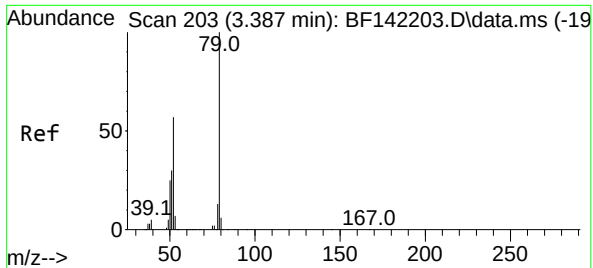


Abundance



Abundance Scan 88 (2.710 min): BF142211.D\data.ms (-14)

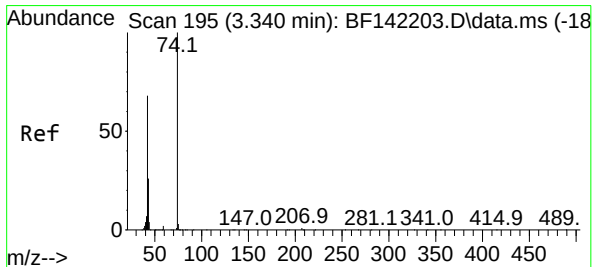
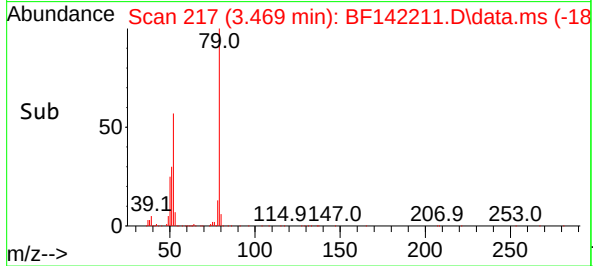
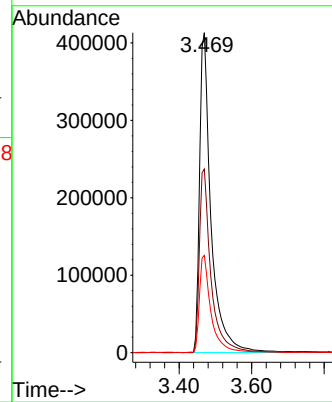
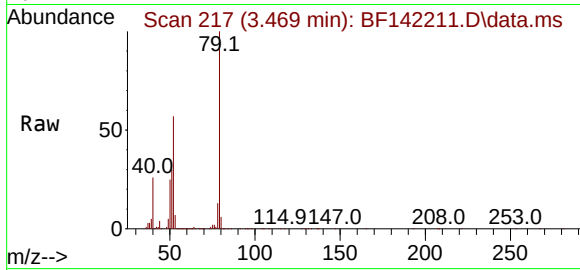




#3
Pyridine
Concen: 42.474 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

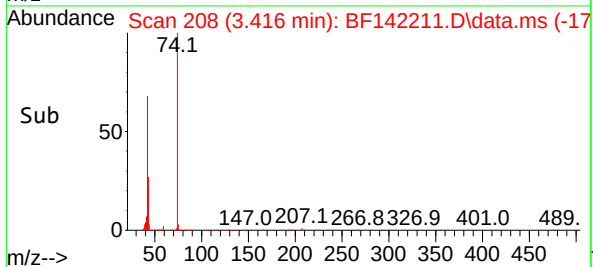
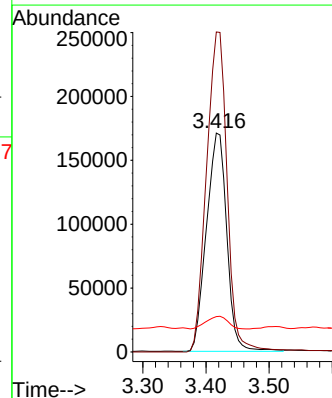
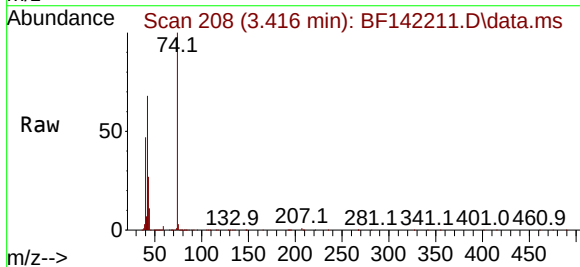
Instrument :
BNA_F
ClientSampleId :
PB167672BS

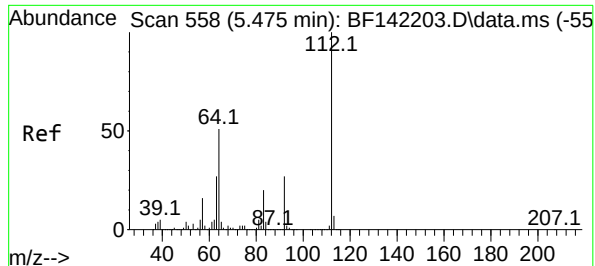
Tgt Ion: 79 Resp: 907746
Ion Ratio Lower Upper
79 100
52 57.4 45.8 68.8
51 30.4 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 44.190 ng
RT: 3.416 min Scan# 208
Delta R.T. 0.077 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 42 Resp: 383482
Ion Ratio Lower Upper
42 100
74 146.2 117.4 176.0
44 16.2 9.5 14.3

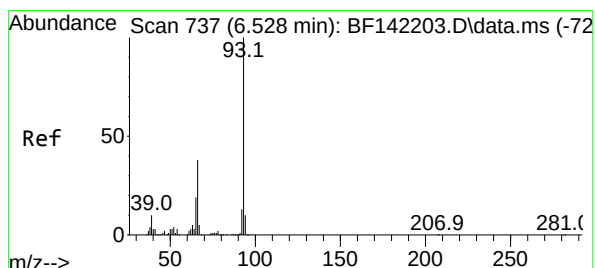
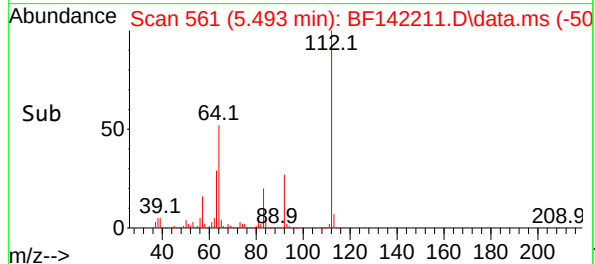
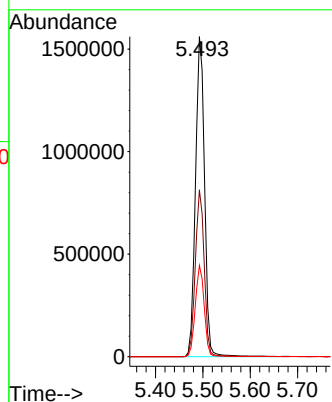
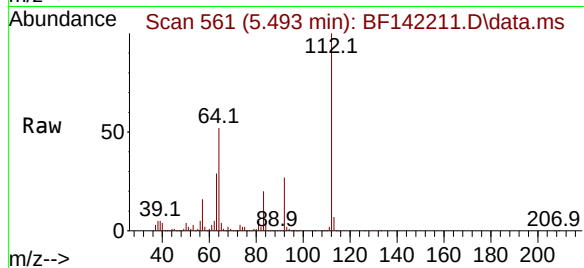




#5
2-Fluorophenol
Concen: 85.804 ng
RT: 5.493 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

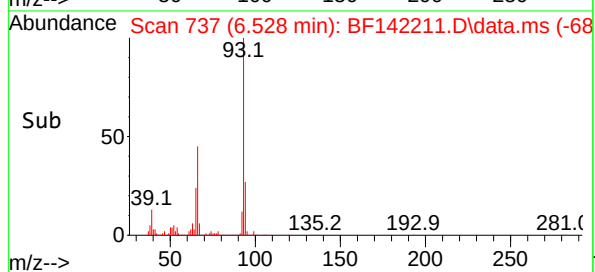
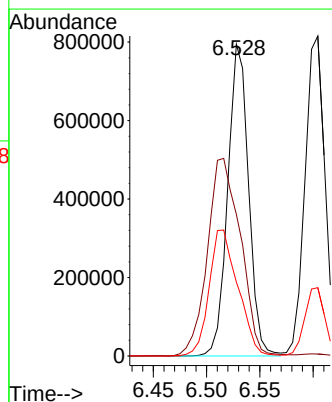
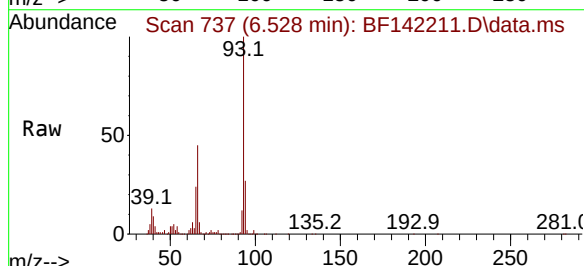
Instrument :
BNA_F
ClientSampleId :
PB167672BS

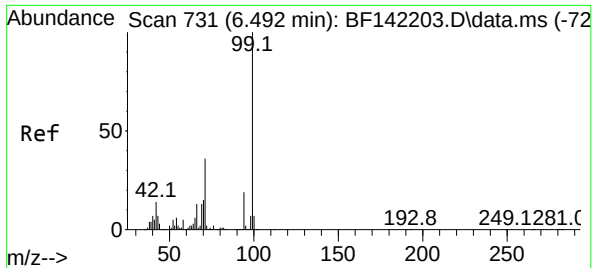
Tgt Ion:112 Resp: 2081397
Ion Ratio Lower Upper
112 100
64 52.2 40.9 61.3
63 28.5 22.0 33.0



#6
Aniline
Concen: 38.547 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 93 Resp: 1081277
Ion Ratio Lower Upper
93 100
66 45.4 30.9 46.3
65 23.7 15.1 22.7#

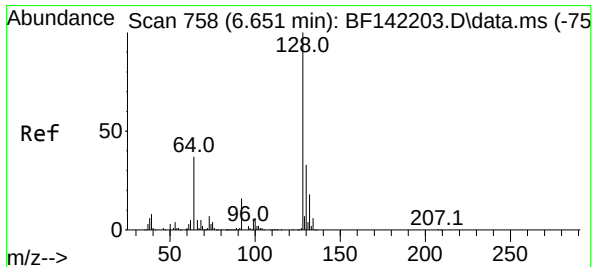
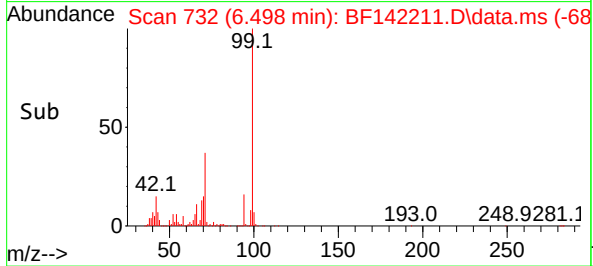
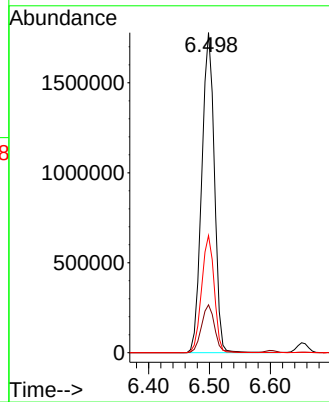
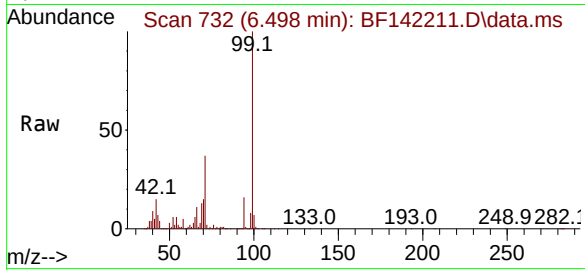




#7
Phenol-d6
Concen: 84.267 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

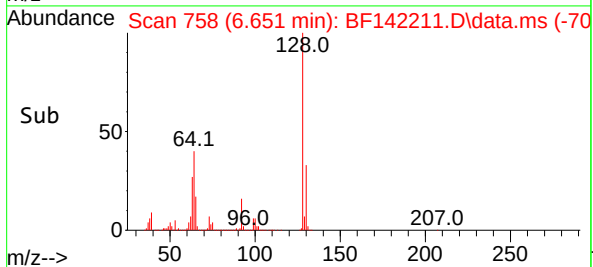
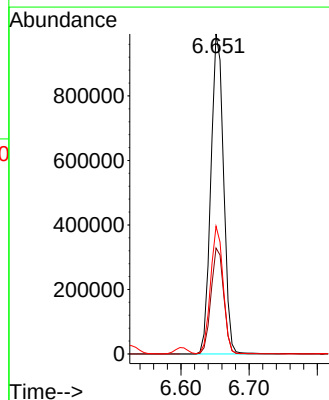
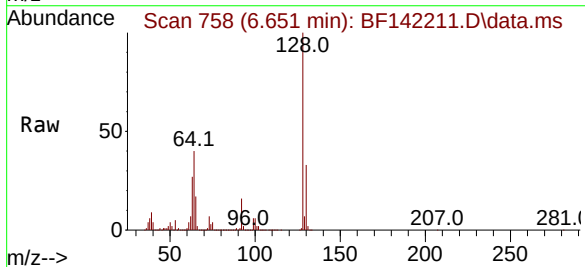
Instrument :
BNA_F
ClientSampleId :
PB167672BS

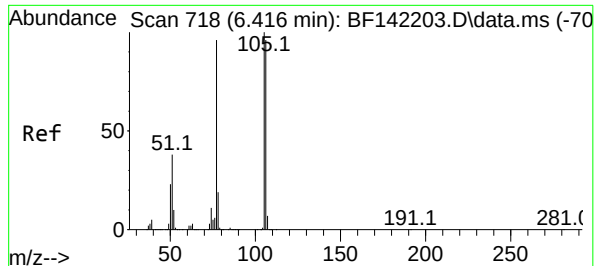
Tgt Ion: 99 Resp: 2559975
Ion Ratio Lower Upper
99 100
42 15.0 11.5 17.3
71 36.6 28.6 42.8



#8
2-Chlorophenol
Concen: 46.413 ng
RT: 6.651 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 128 Resp: 1288763
Ion Ratio Lower Upper
128 100
130 33.1 13.0 53.0
64 39.9 18.8 58.8

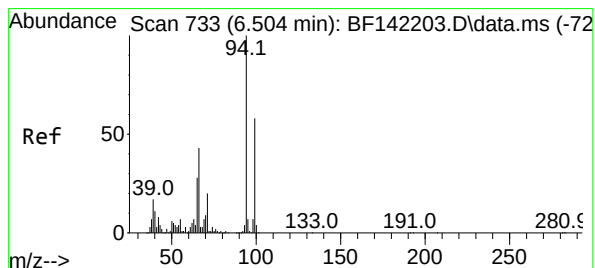
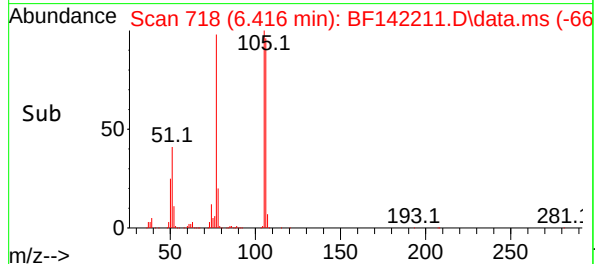
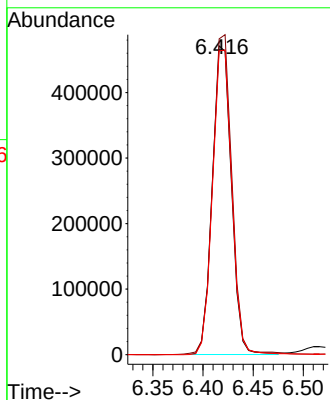
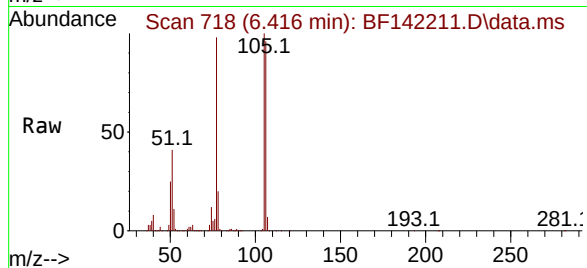




#9
Benzaldehyde
Concen: 37.313 ng
RT: 6.416 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

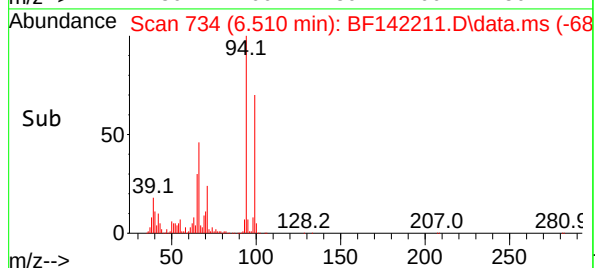
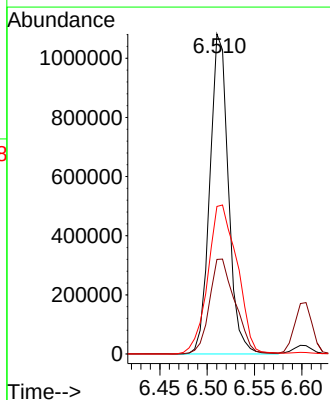
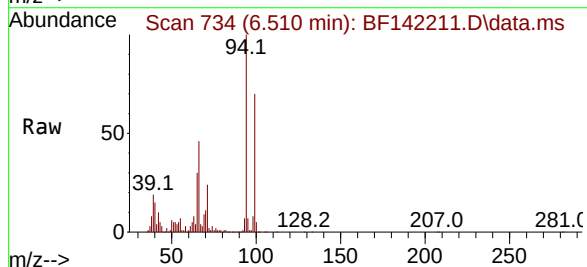
Instrument :
BNA_F
ClientSampleId :
PB167672BS

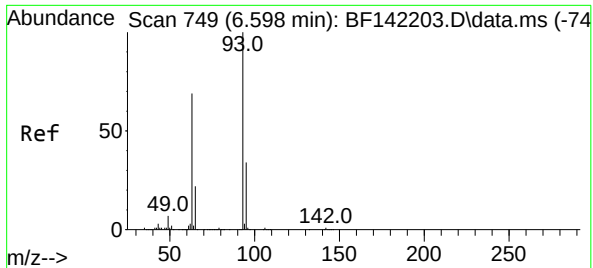
Tgt Ion: 77 Resp: 622352
Ion Ratio Lower Upper
77 100
105 102.3 84.4 124.4
106 98.4 80.3 120.3



#10
Phenol
Concen: 45.910 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 94 Resp: 1471069
Ion Ratio Lower Upper
94 100
65 29.5 8.1 48.1
66 46.1 22.7 62.7

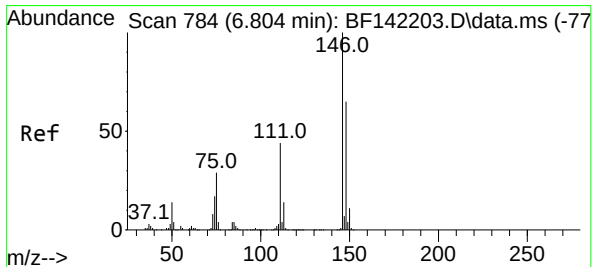
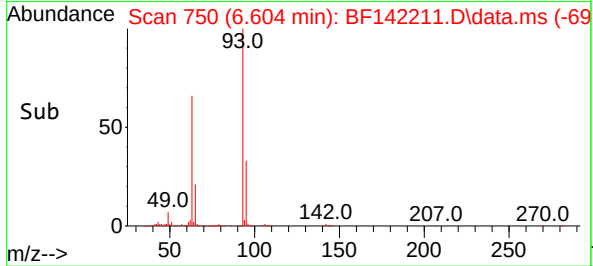
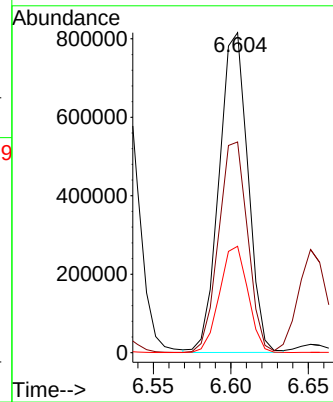
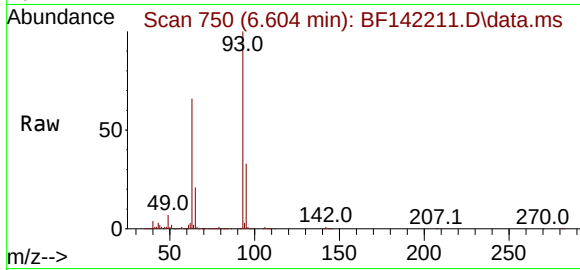




#11
 bis(2-Chloroethyl)ether
 Concen: 43.664 ng
 RT: 6.604 min Scan# 749
 Delta R.T. 0.006 min
 Lab File: BF142211.D
 Acq: 22 Apr 2025 14:44

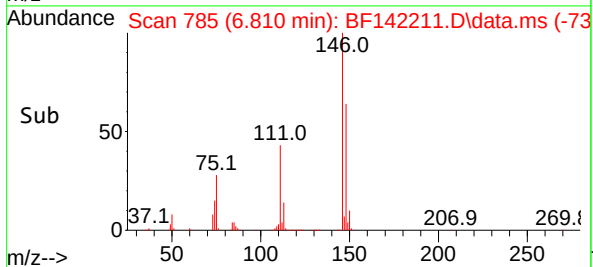
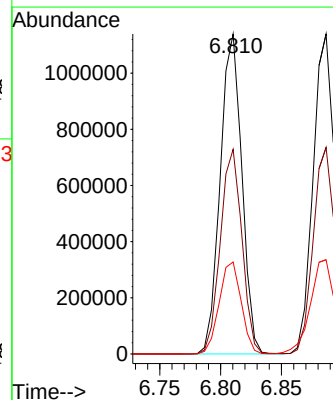
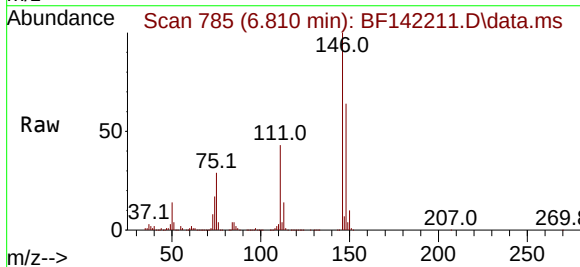
Instrument :
 BNA_F
 ClientSampleId :
 PB167672BS

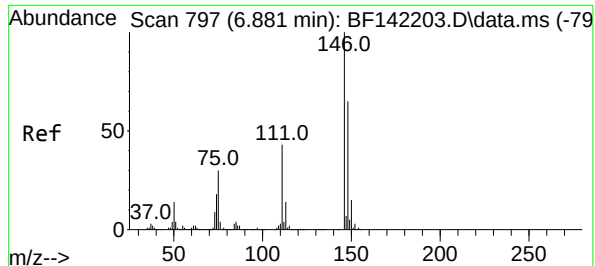
Tgt Ion: 93 Resp: 1055080
 Ion Ratio Lower Upper
 93 100
 63 65.8 47.9 87.9
 95 33.3 13.7 53.7



#12
 1,3-Dichlorobenzene
 Concen: 44.772 ng
 RT: 6.810 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: BF142211.D
 Acq: 22 Apr 2025 14:44

Tgt Ion: 146 Resp: 1408763
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.7 77.5
 75 28.8 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 43.734 ng

RT: 6.887 min Scan# 797

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

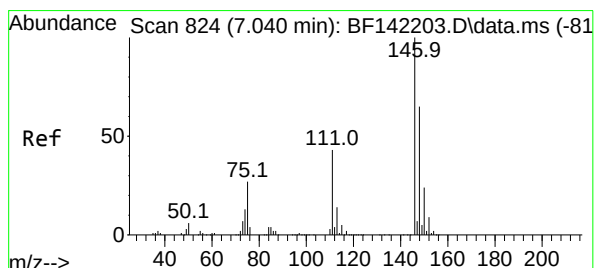
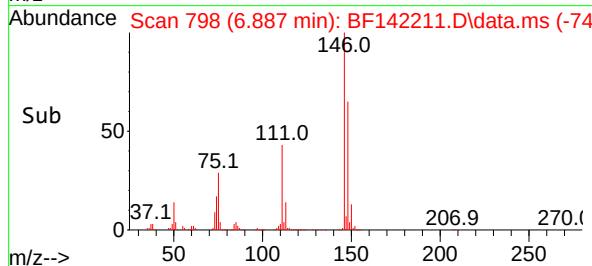
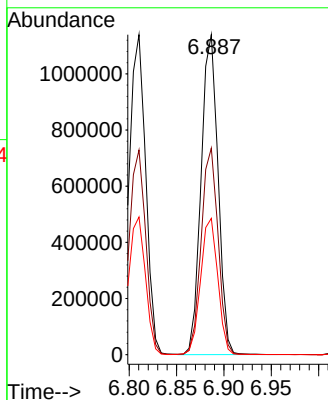
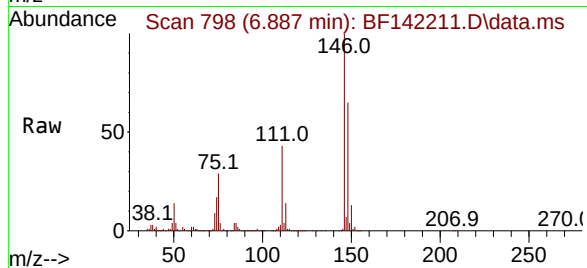
Tgt Ion:146 Resp: 1411369

Ion Ratio Lower Upper

146 100

148 64.6 52.4 78.6

111 42.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 45.814 ng

RT: 7.040 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

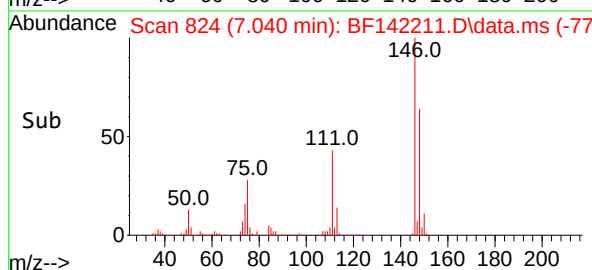
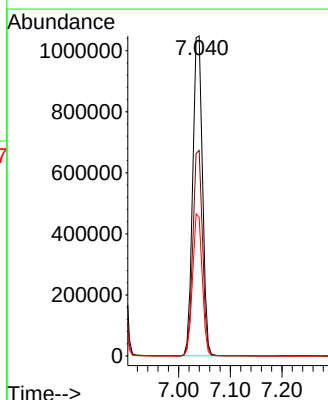
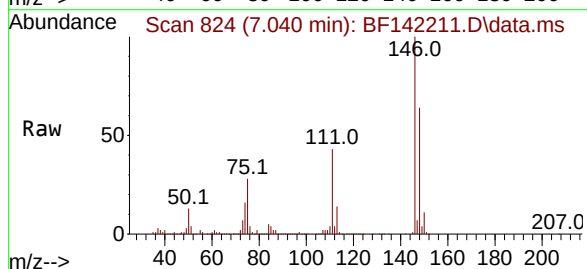
Tgt Ion:146 Resp: 1375432

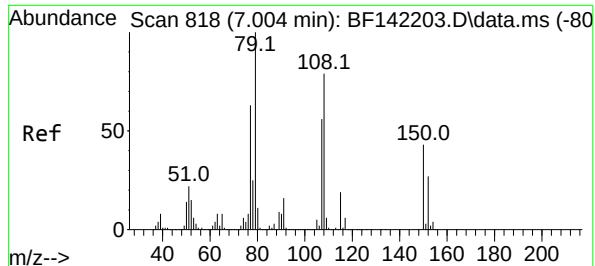
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

111 43.3 34.2 51.4





#15

Benzyl Alcohol

Concen: 46.794 ng

RT: 7.010 min Scan# 818

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

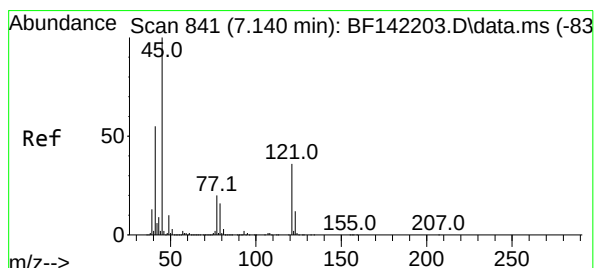
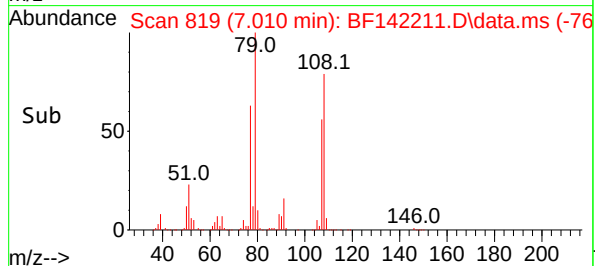
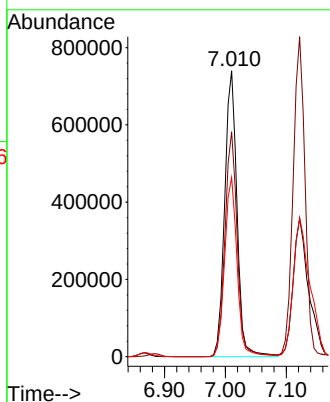
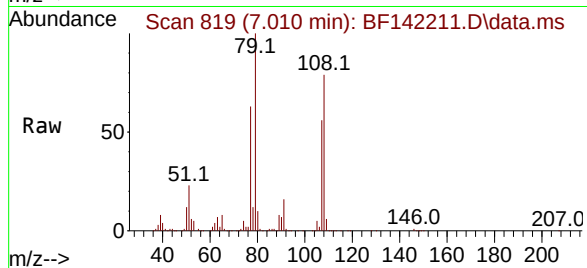
Tgt Ion: 79 Resp: 1036511

Ion Ratio Lower Upper

79 100

108 78.7 63.1 94.7

77 62.8 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.365 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

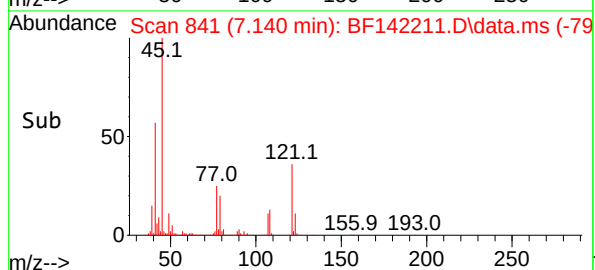
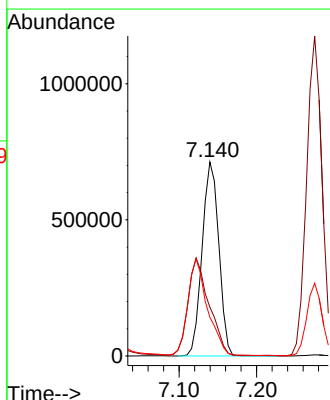
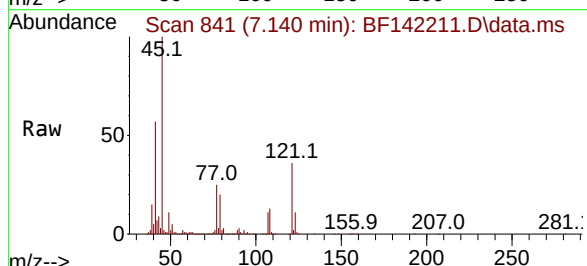
Tgt Ion: 45 Resp: 1062520

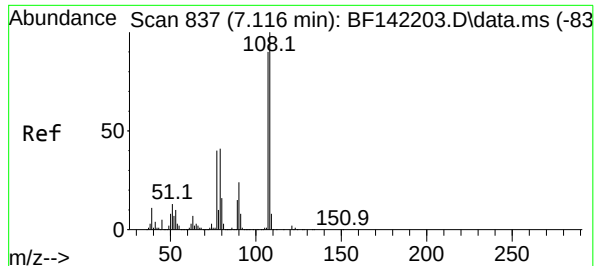
Ion Ratio Lower Upper

45 100

77 25.1 1.4 41.4

79 19.9 0.0 36.7

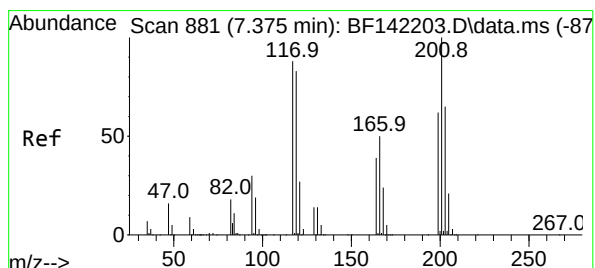
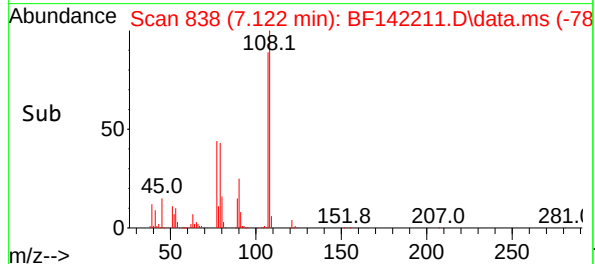
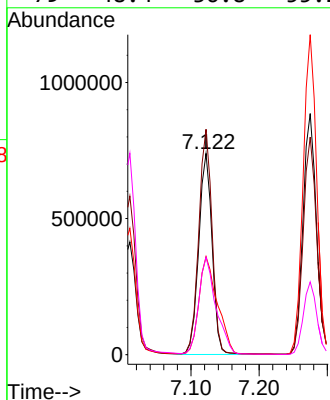
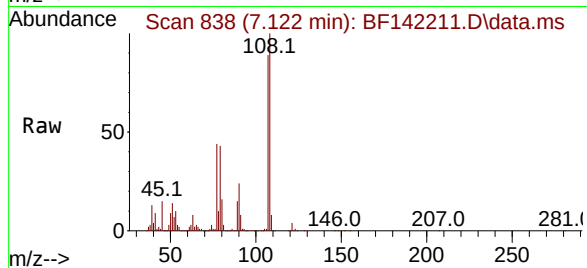




#17
2-Methylphenol
Concen: 48.437 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

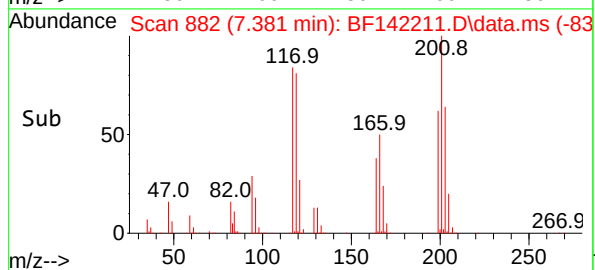
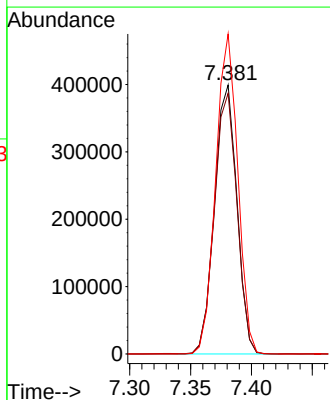
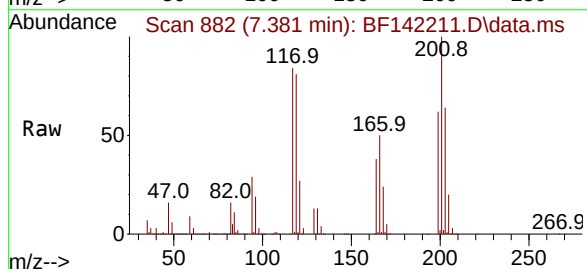
Instrument :
BNA_F
ClientSampleId :
PB167672BS

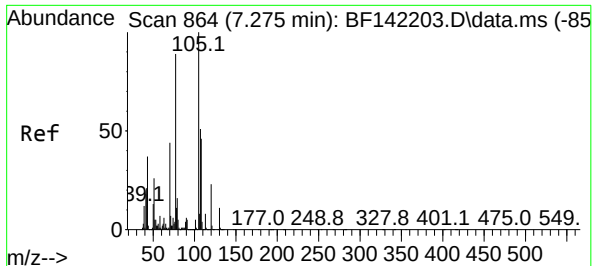
Tgt Ion:107 Resp: 1012237
Ion Ratio Lower Upper
107 100
108 112.0 89.4 134.2
77 48.8 36.3 54.5
79 48.4 36.8 55.2



#18
Hexachloroethane
Concen: 46.695 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:117 Resp: 511919
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 119.0 91.4 137.0





#19

n-Nitroso-di-n-propylamine

Concen: 45.515 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

Tgt Ion: 70 Resp: 781891

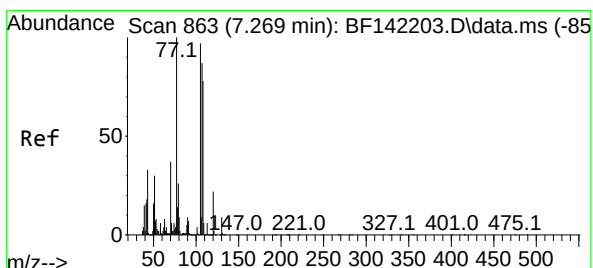
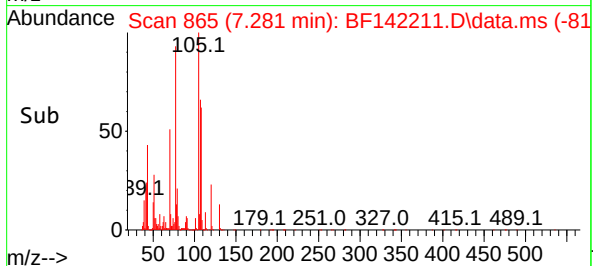
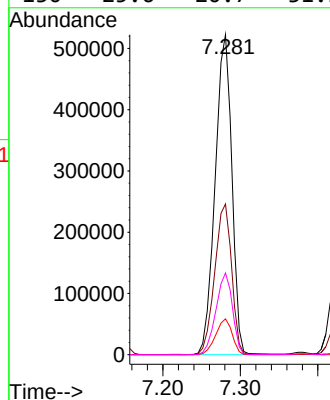
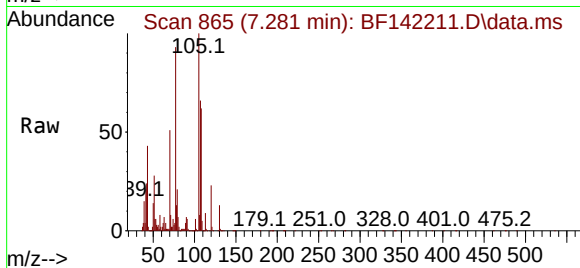
Ion Ratio Lower Upper

70 100

42 47.1 37.4 56.0

101 11.2 8.6 13.0

130 25.6 20.7 31.1



#20

3+4-Methylphenols

Concen: 47.310 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Tgt Ion:107 Resp: 1229631

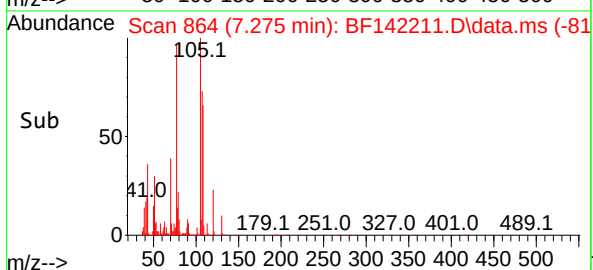
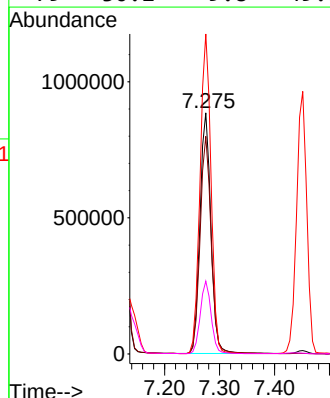
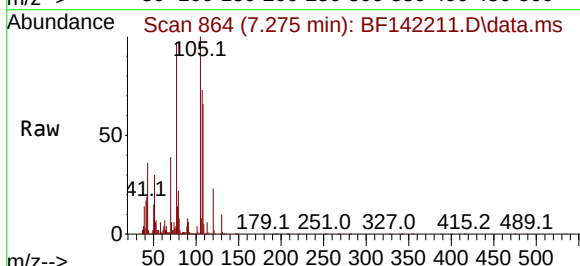
Ion Ratio Lower Upper

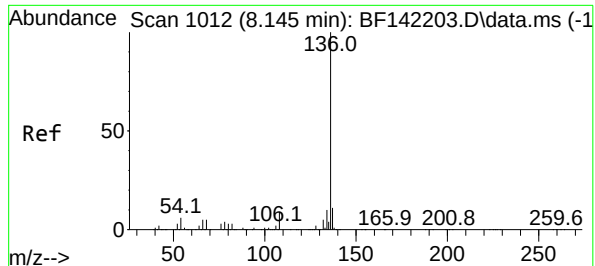
107 100

108 90.2 69.8 109.8

77 132.7 94.5 134.5

79 30.2 9.8 49.8

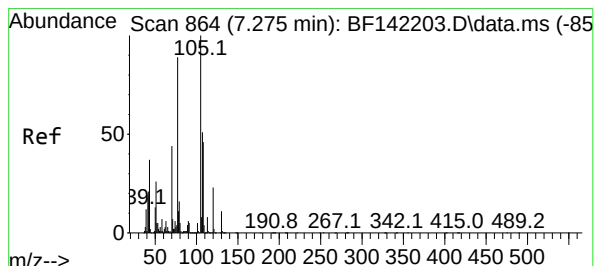
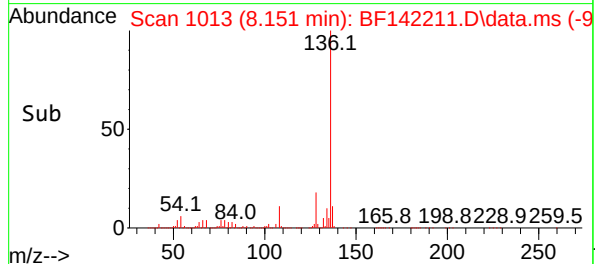
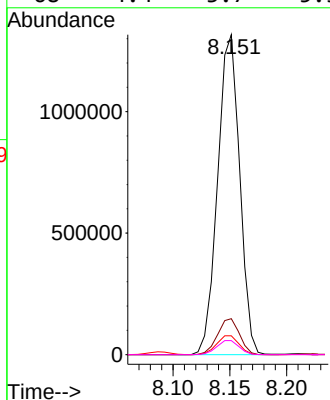
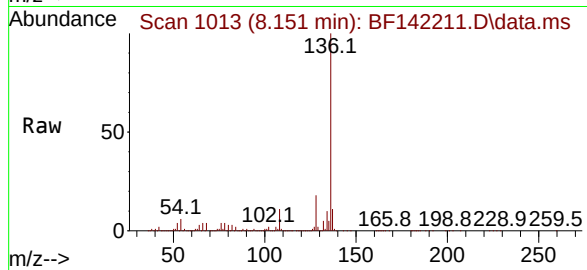




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

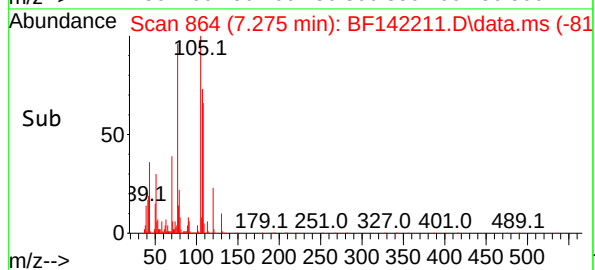
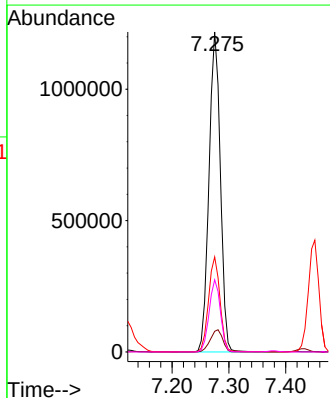
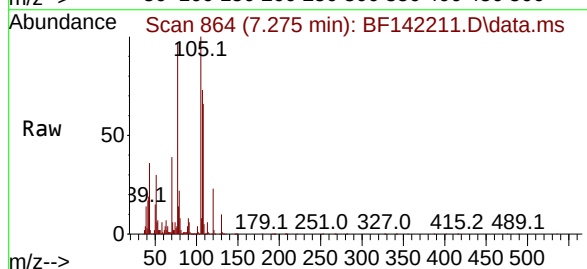
Instrument :
BNA_F
ClientSampleId :
PB167672BS

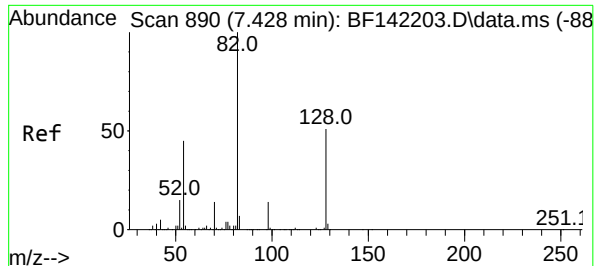
Tgt Ion:136 Resp: 1778060
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.9 4.7 7.1
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 43.101 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:105 Resp: 1682163
Ion Ratio Lower Upper
105 100
71 6.4 5.8 8.8
51 29.7 20.9 31.3
120 22.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 86.897 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

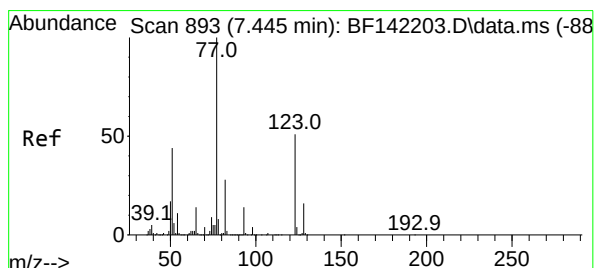
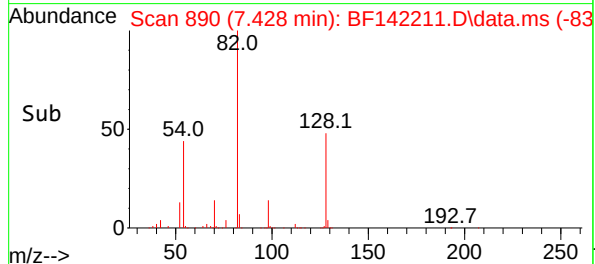
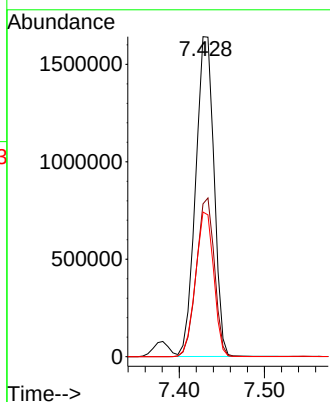
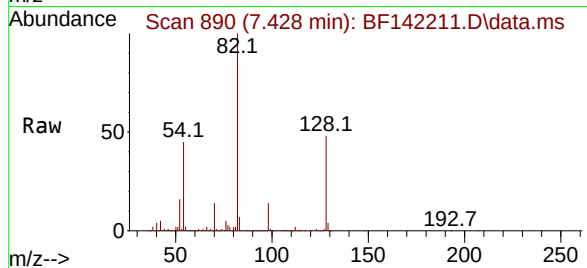
BNA_F

ClientSampleId :

PB167672BS

Tgt Ion: 82 Resp: 2460214

Ion	Ratio	Lower	Upper
82	100		
128	47.8	40.2	60.2
54	45.2	35.5	53.3



#24

Nitrobenzene

Concen: 44.387 ng

RT: 7.451 min Scan# 894

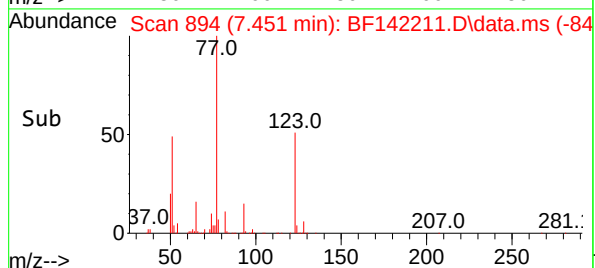
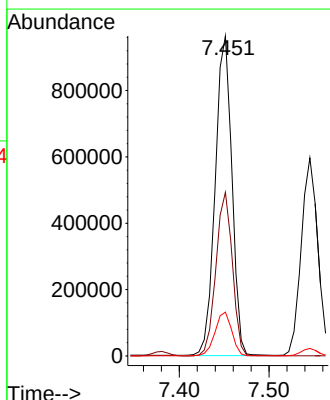
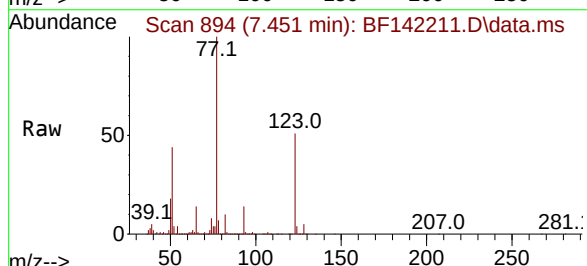
Delta R.T. 0.006 min

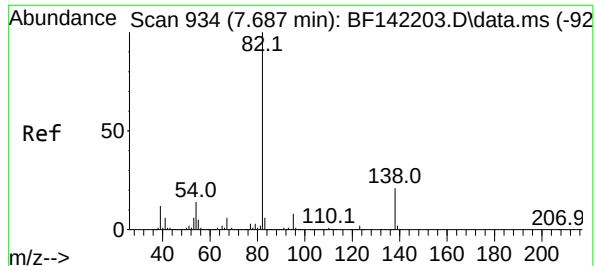
Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Tgt Ion: 77 Resp: 1244975

Ion	Ratio	Lower	Upper
77	100		
123	51.1	40.7	61.1
65	13.7	10.9	16.3





#25

Isophorone

Concen: 47.087 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

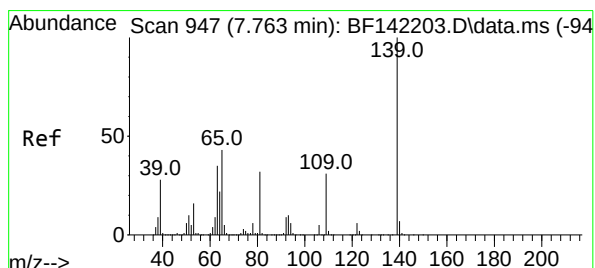
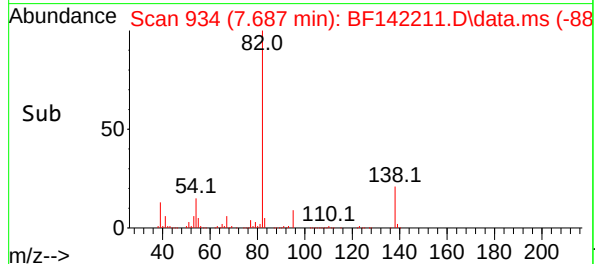
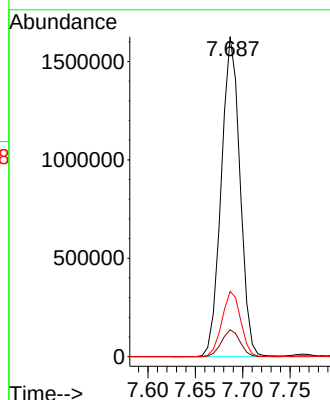
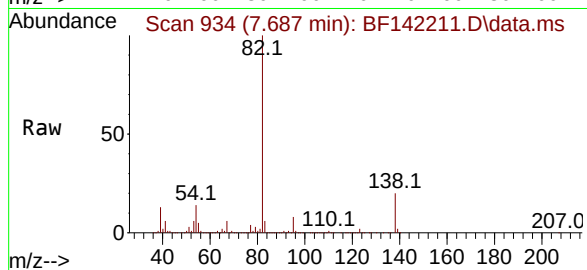
BNA_F

ClientSampleId :

PB167672BS

Tgt Ion: 82 Resp: 2237769

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.5	9.7
138	20.4	16.9	25.3



#26

2-Nitrophenol

Concen: 47.954 ng

RT: 7.763 min Scan# 947

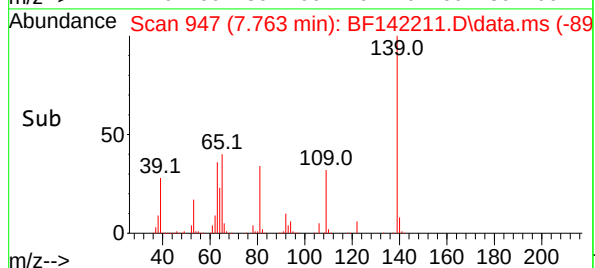
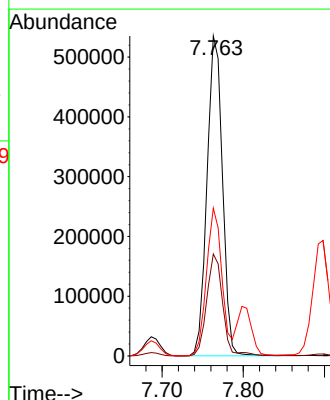
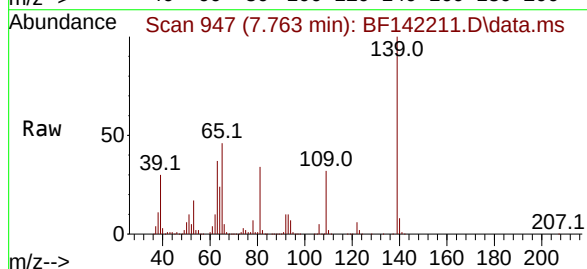
Delta R.T. 0.000 min

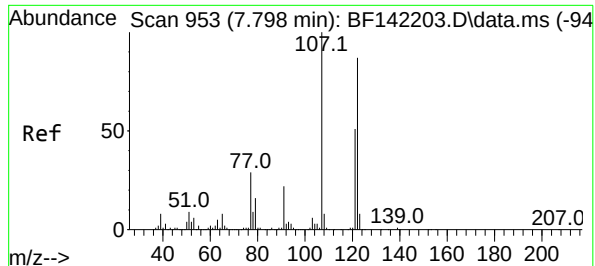
Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Tgt Ion: 139 Resp: 707013

Ion	Ratio	Lower	Upper
139	100		
109	31.9	24.4	36.6
65	46.2	34.2	51.2





#27

2,4-Dimethylphenol

Concen: 60.675 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

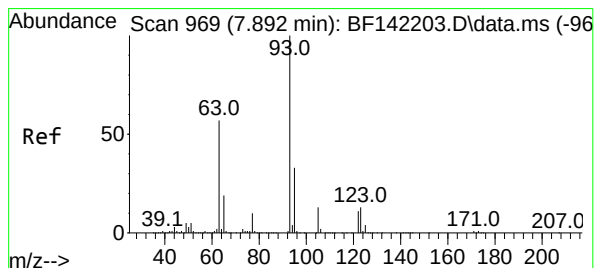
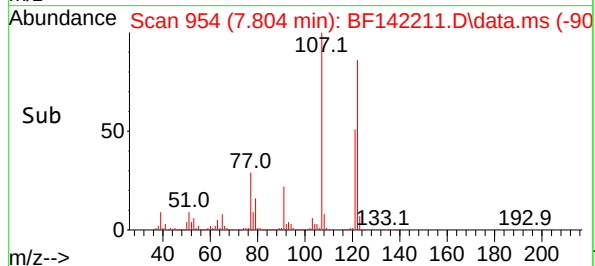
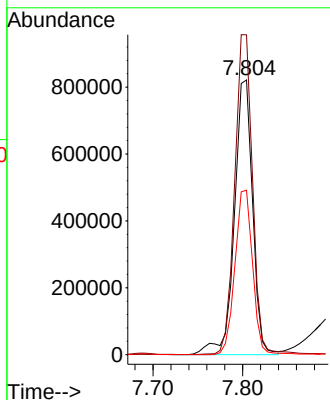
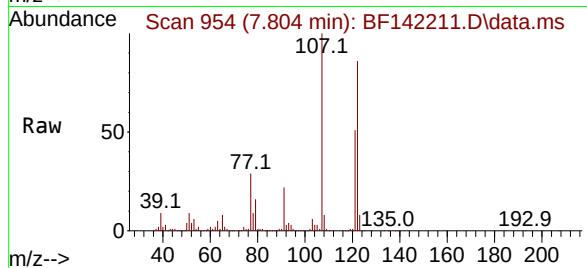
BNA_F

ClientSampleId :

PB167672BS

Tgt Ion:122 Resp: 1163165

Ion	Ratio	Lower	Upper
122	100		
107	116.5	91.6	137.4
121	59.9	46.7	70.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.723 ng

RT: 7.898 min Scan# 970

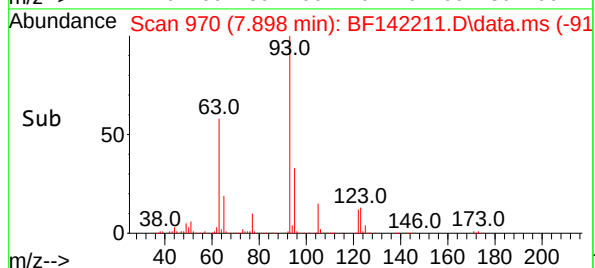
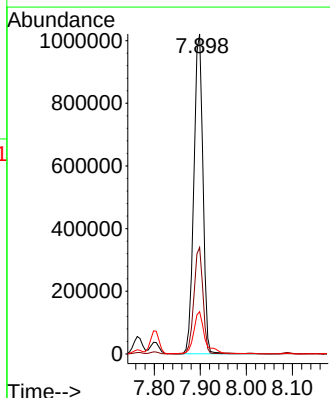
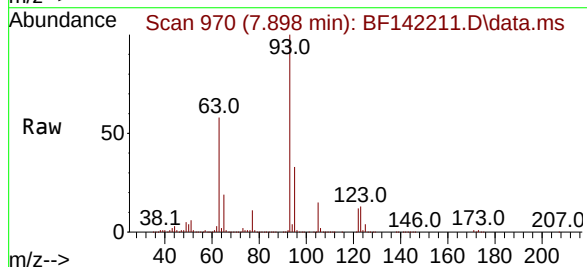
Delta R.T. 0.006 min

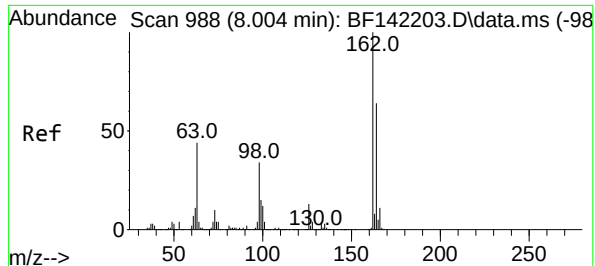
Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Tgt Ion: 93 Resp: 1394963

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	13.2	10.9	16.3





#29

2,4-Dichlorophenol

Concen: 43.346 ng

RT: 8.010 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

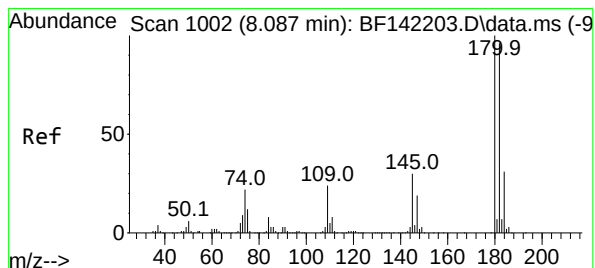
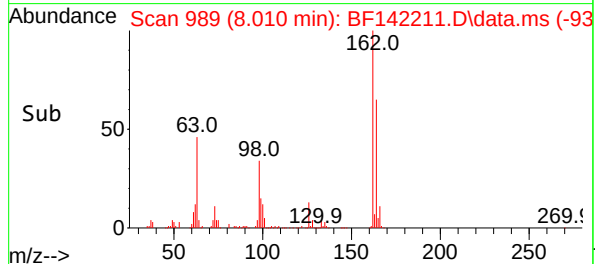
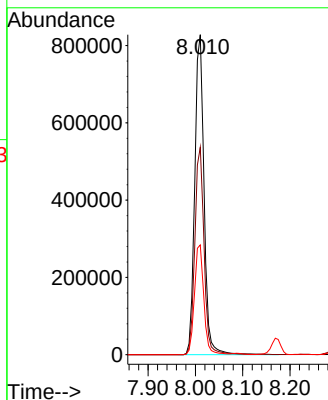
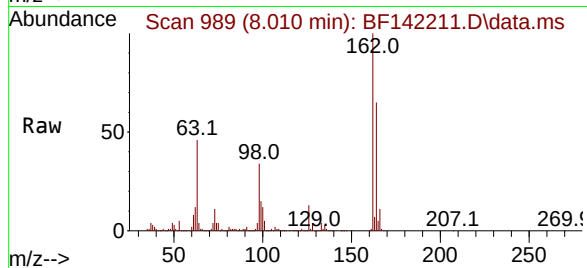
Tgt Ion:162 Resp: 1130146

Ion Ratio Lower Upper

162 100

164 64.8 44.2 84.2

98 34.3 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 42.830 ng

RT: 8.087 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

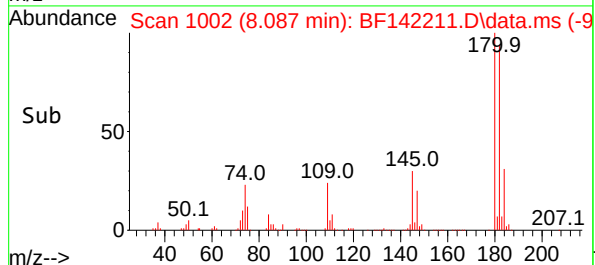
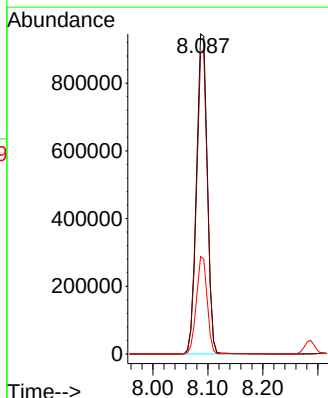
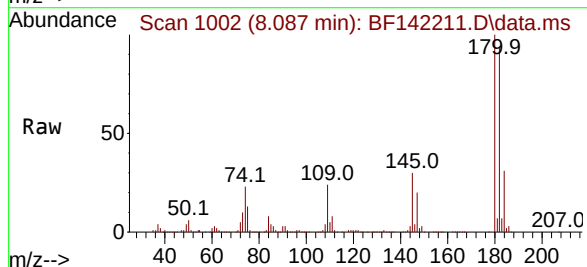
Tgt Ion:180 Resp: 1305890

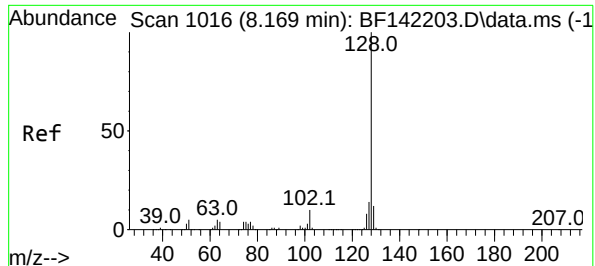
Ion Ratio Lower Upper

180 100

182 94.1 77.0 115.4

145 30.4 24.3 36.5





#31

Naphthalene

Concen: 42.776 ng

RT: 8.169 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

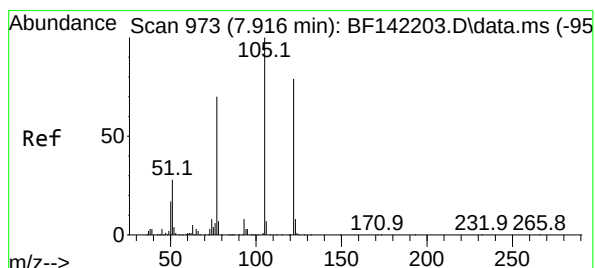
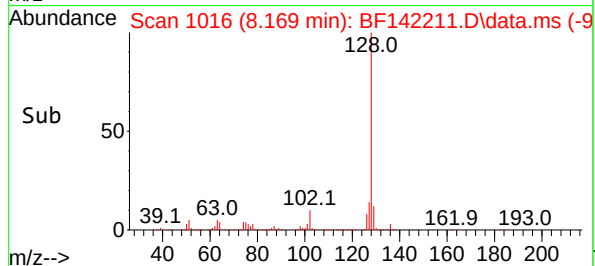
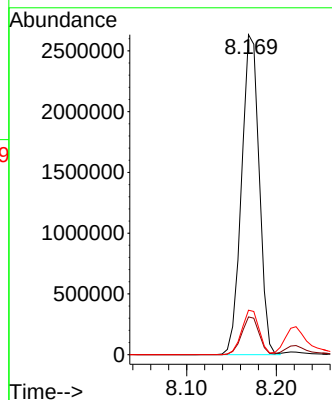
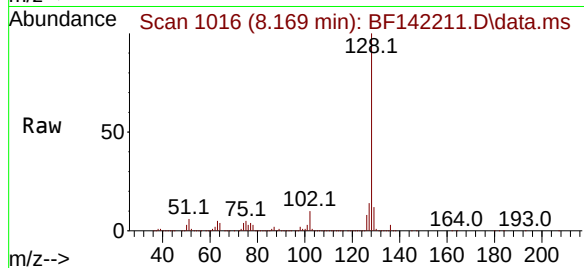
Tgt Ion:128 Resp: 3592861

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

127 13.9 11.4 17.0



#32

Benzoic acid

Concen: 40.893 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.012 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

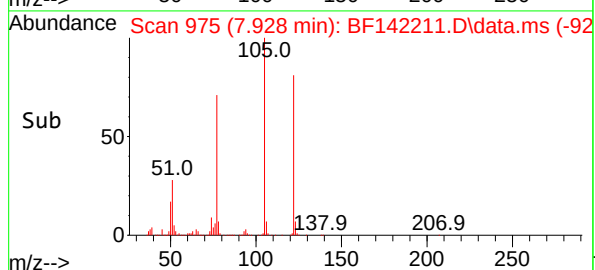
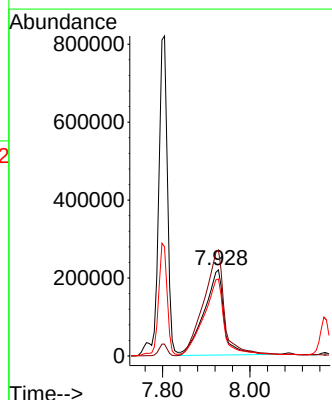
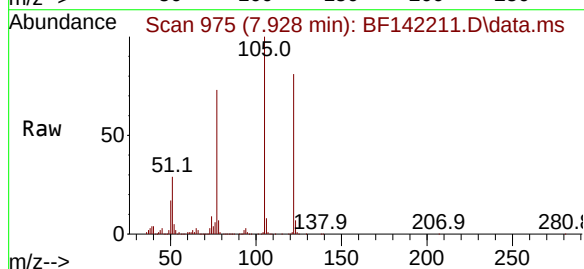
Tgt Ion:122 Resp: 703546

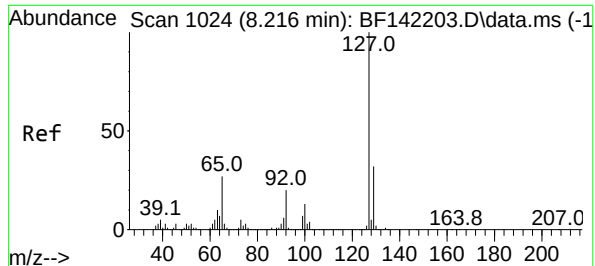
Ion Ratio Lower Upper

122 100

105 123.2 101.5 141.5

77 89.4 66.6 106.6





#33

4-Chloroaniline

Concen: 14.315 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

Tgt Ion:127 Resp: 435377

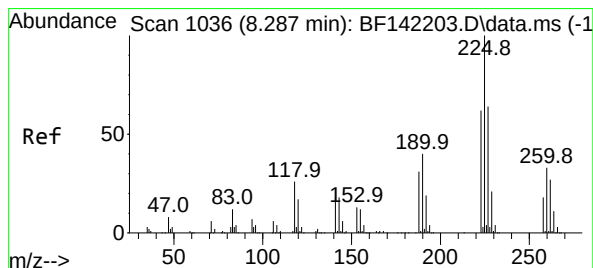
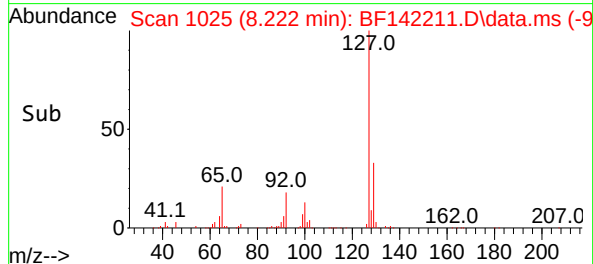
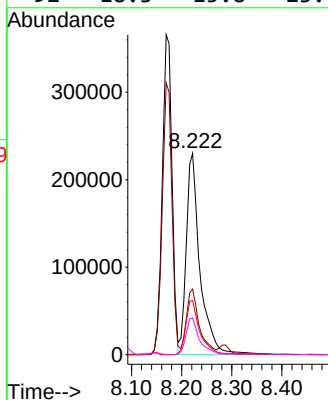
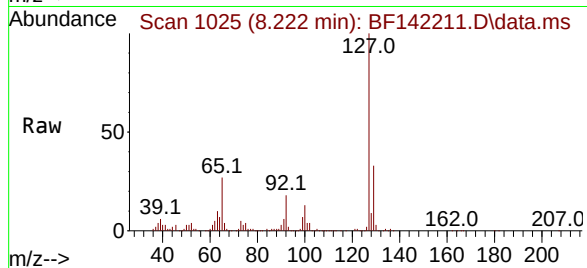
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 26.9 21.8 32.6

92 18.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 42.938 ng

RT: 8.287 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

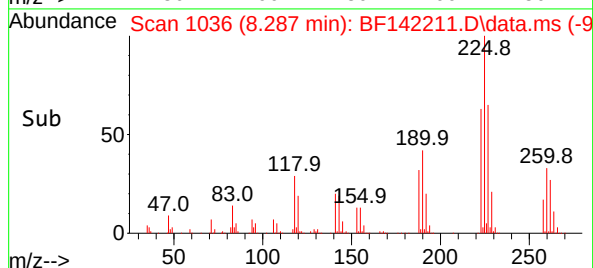
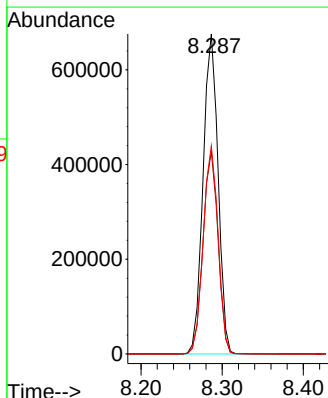
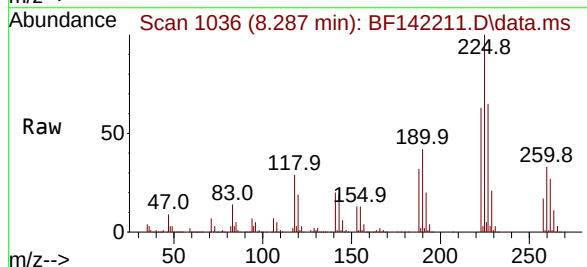
Tgt Ion:225 Resp: 863956

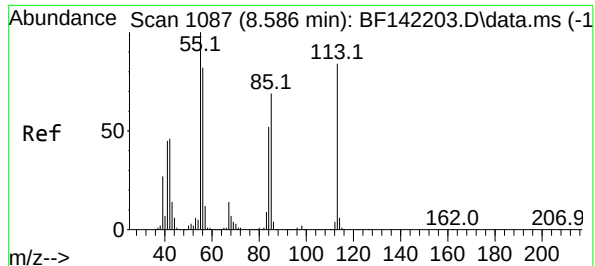
Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.2

227 65.0 51.4 77.2





#35

Caprolactam

Concen: 46.687 ng m

RT: 8.592 min Scan# 1088

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

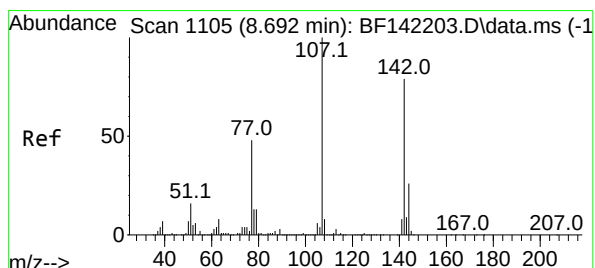
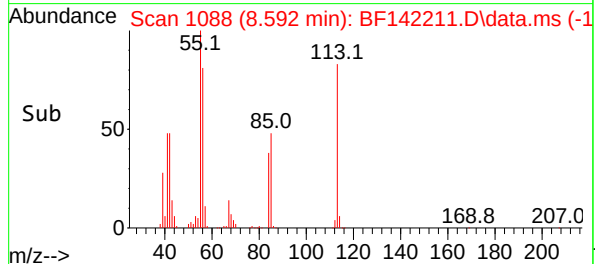
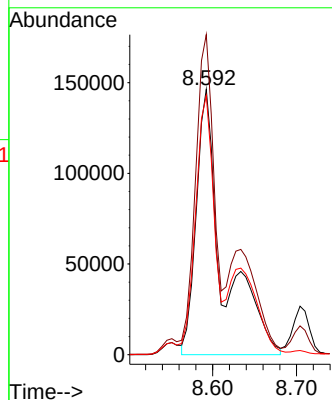
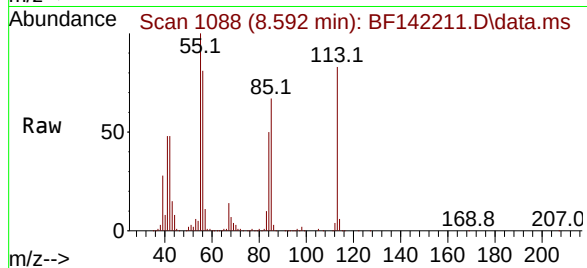
Tgt Ion:113 Resp: 324719

Ion Ratio Lower Upper

113 100

55 120.7 99.5 139.5

56 97.7 78.1 118.1



#36

4-Chloro-3-methylphenol

Concen: 44.414 ng

RT: 8.704 min Scan# 1107

Delta R.T. 0.012 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

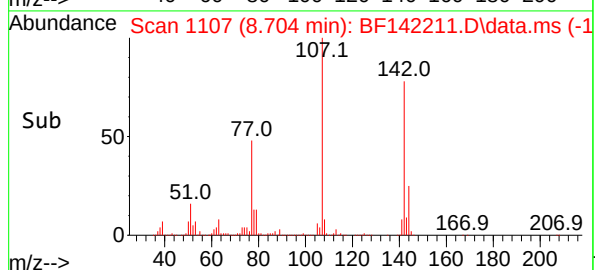
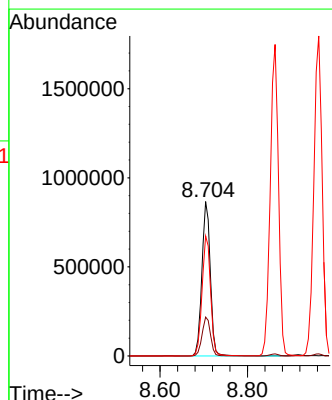
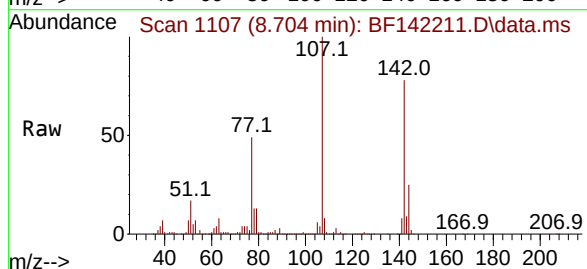
Tgt Ion:107 Resp: 1165678

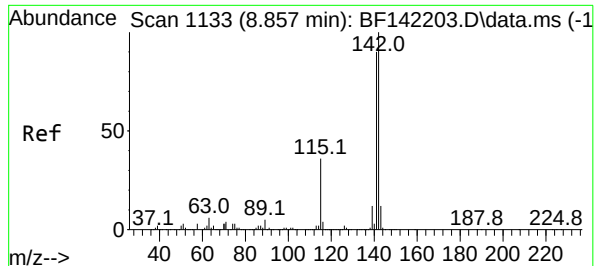
Ion Ratio Lower Upper

107 100

144 25.2 20.6 30.8

142 77.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 39.307 ng

RT: 8.863 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

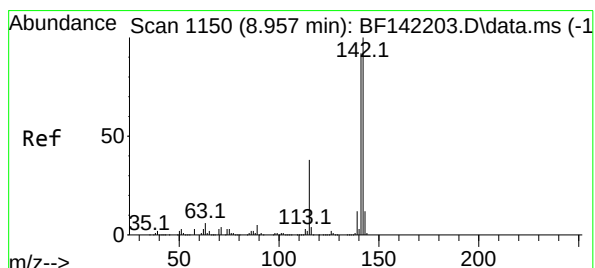
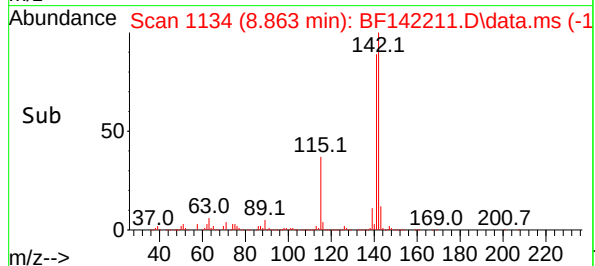
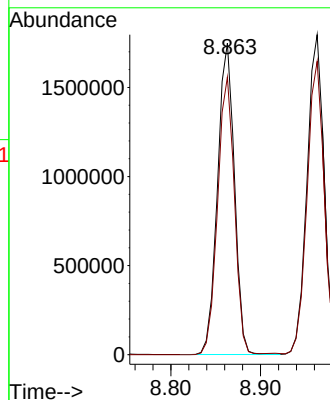
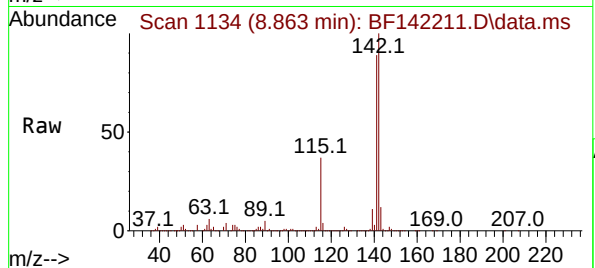
PB167672BS

Tgt Ion:142 Resp: 2281698

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9



#38

1-Methylnaphthalene

Concen: 41.979 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142211.D

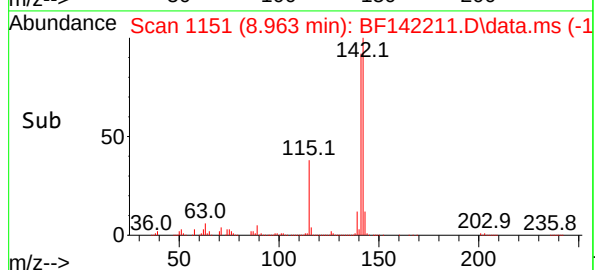
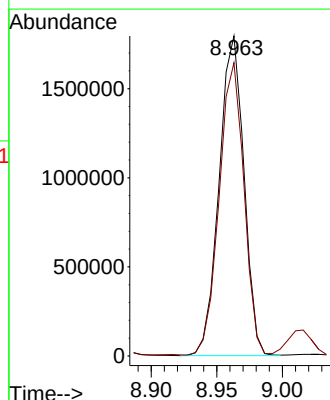
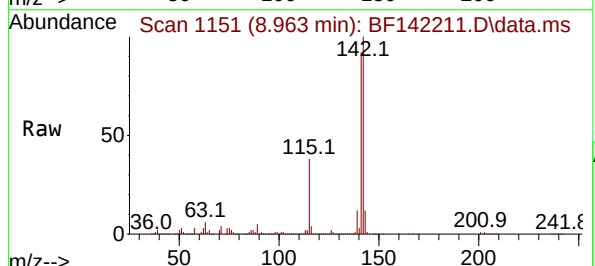
Acq: 22 Apr 2025 14:44

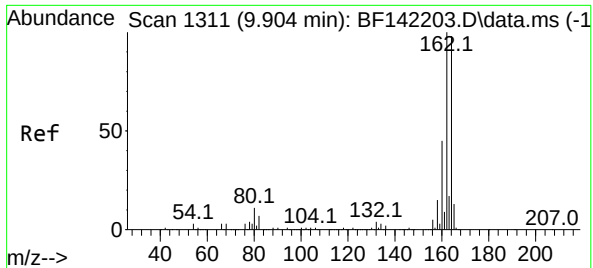
Tgt Ion:142 Resp: 2359383

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF142211.D

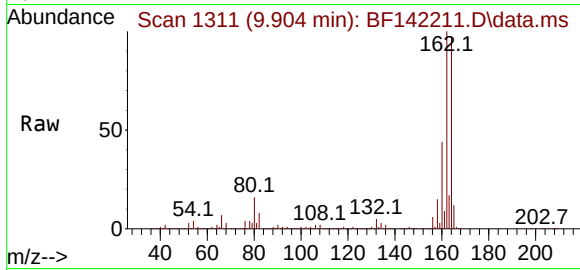
Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS



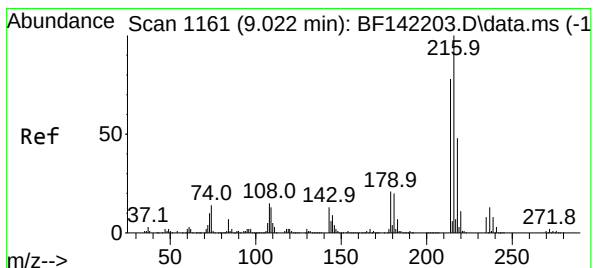
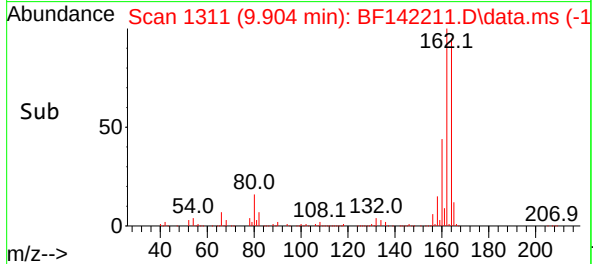
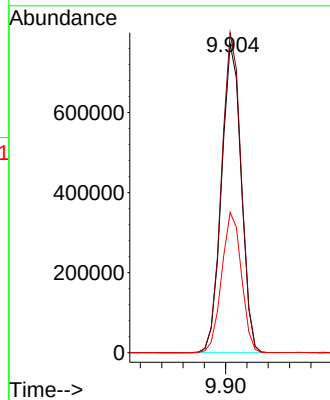
Tgt Ion:164 Resp: 986845

Ion Ratio Lower Upper

164 100

162 103.6 81.9 122.9

160 45.4 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.752 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Tgt Ion:216 Resp: 1380442

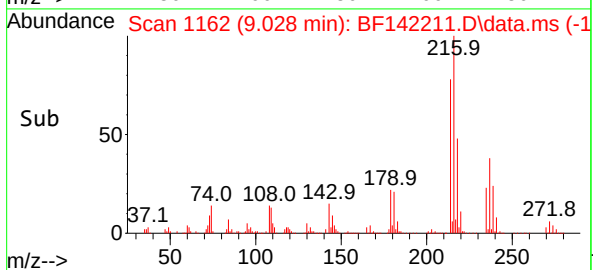
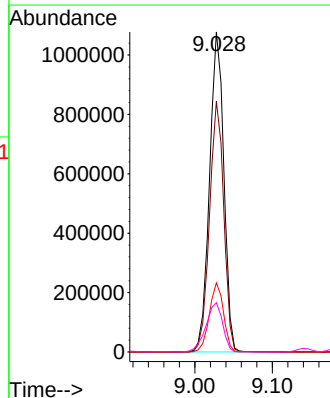
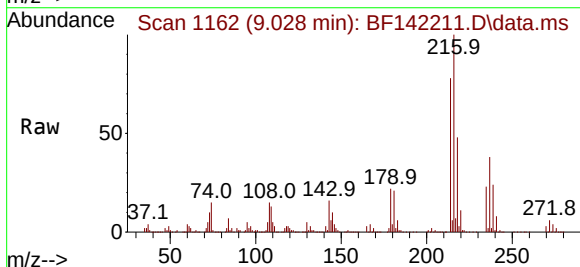
Ion Ratio Lower Upper

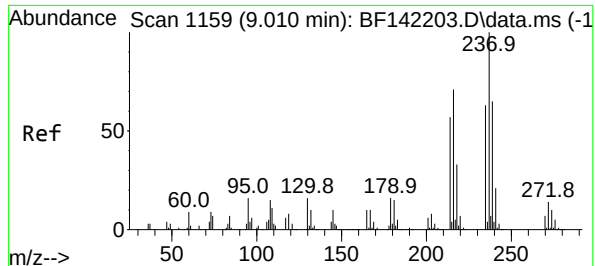
216 100

214 78.1 62.7 94.1

179 21.4 16.7 25.1

108 18.0 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 186.881 ng

RT: 9.016 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

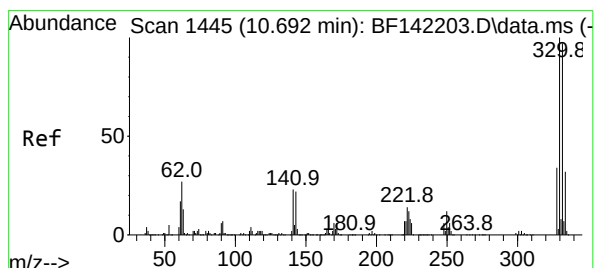
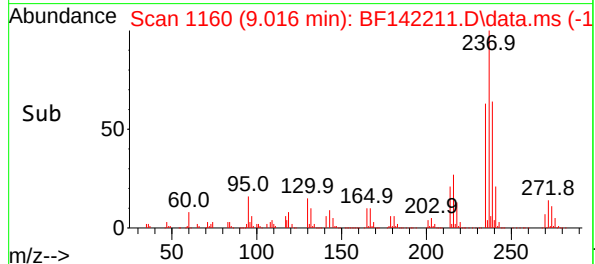
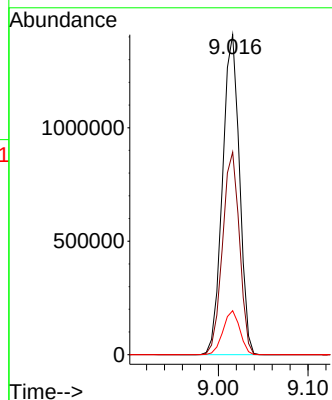
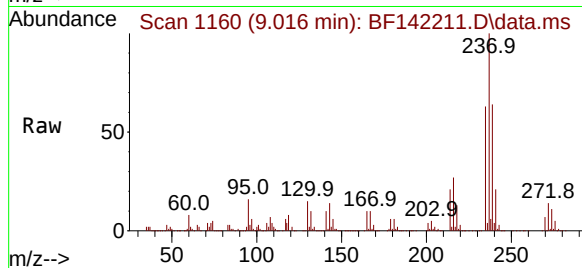
Tgt Ion:237 Resp: 1850364

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

272 13.7 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 85.136 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

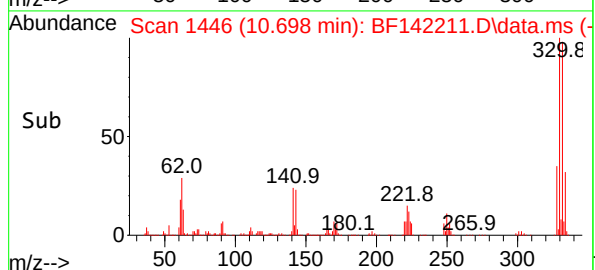
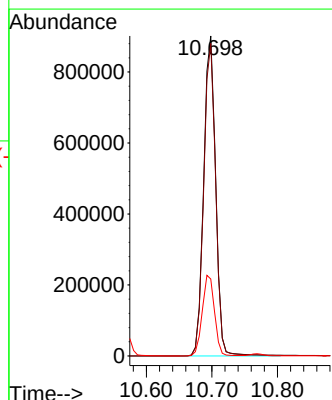
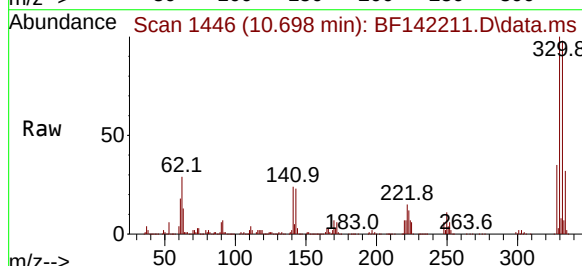
Tgt Ion:330 Resp: 1148721

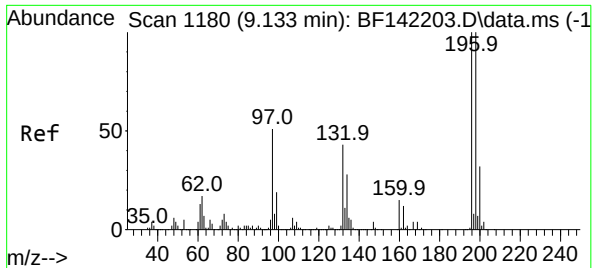
Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 25.8 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 46.193 ng

RT: 9.139 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

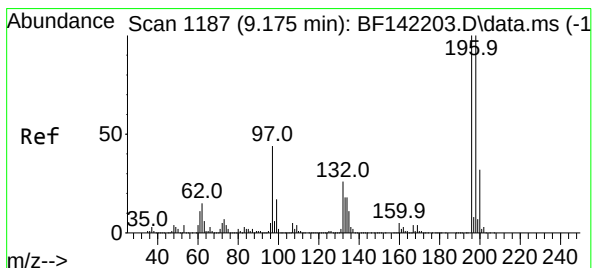
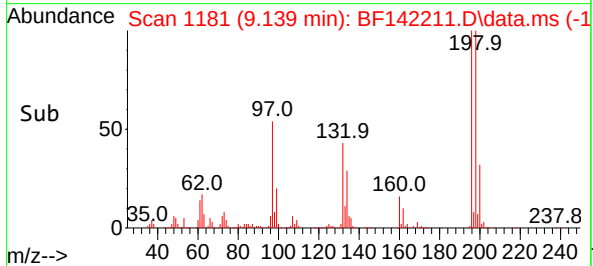
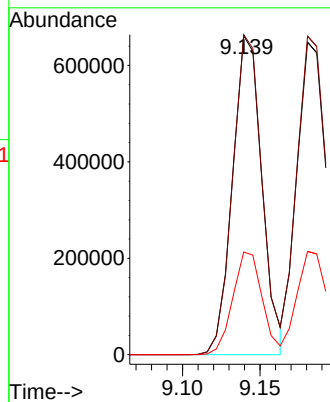
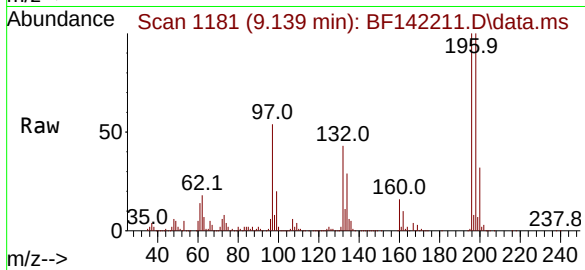
Tgt Ion:196 Resp: 870794

Ion Ratio Lower Upper

196 100

198 100.4 80.0 120.0

200 32.2 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 44.363 ng

RT: 9.181 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Tgt Ion:196 Resp: 896425

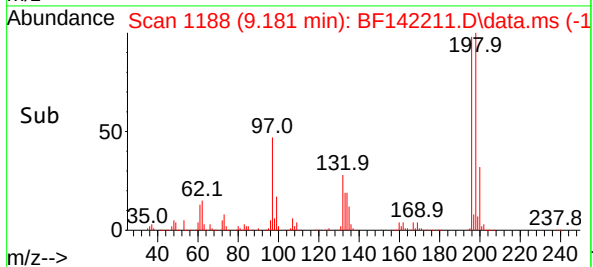
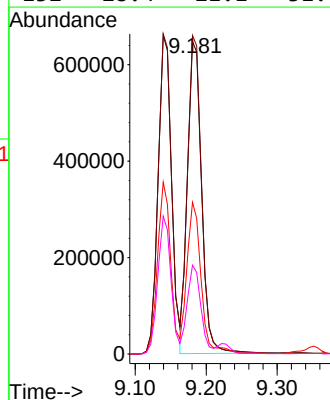
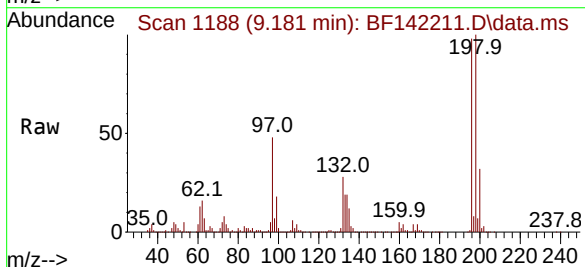
Ion Ratio Lower Upper

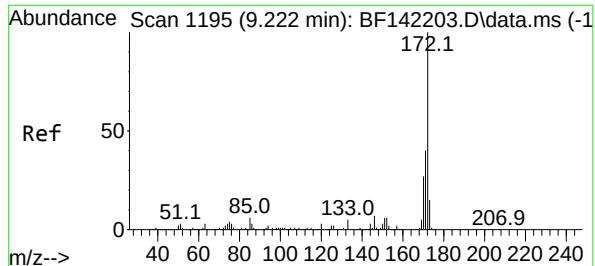
196 100

198 101.9 80.0 120.0

97 48.5 35.9 53.9

132 28.4 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 84.608 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

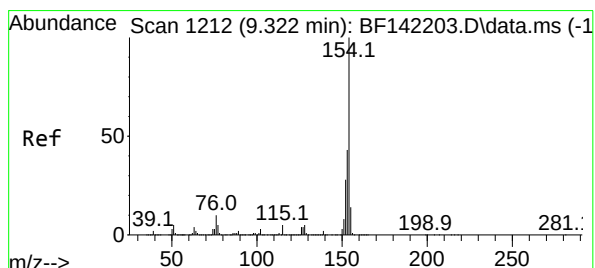
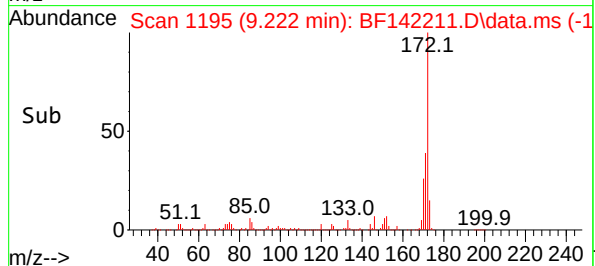
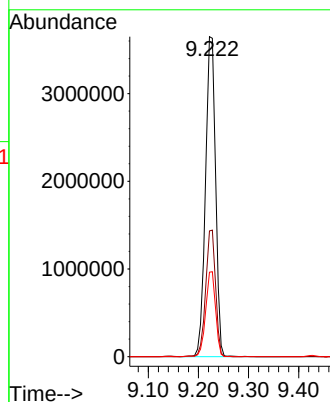
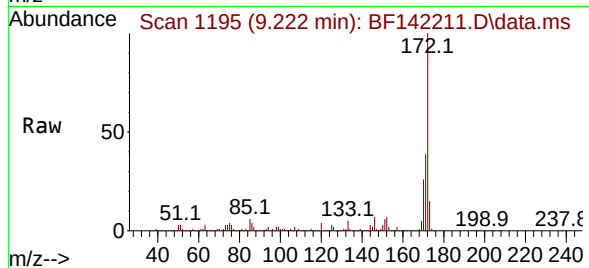
Tgt Ion:172 Resp: 5122626

Ion Ratio Lower Upper

172 100

171 39.3 32.1 48.1

170 26.4 21.4 32.0



#46

1,1'-Biphenyl

Concen: 43.870 ng

RT: 9.328 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

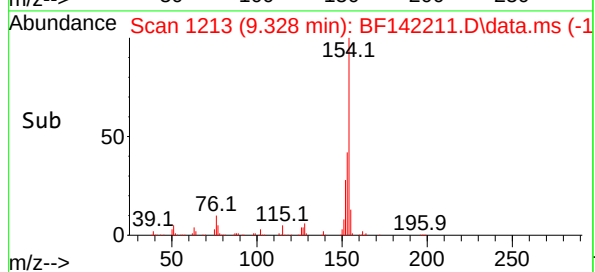
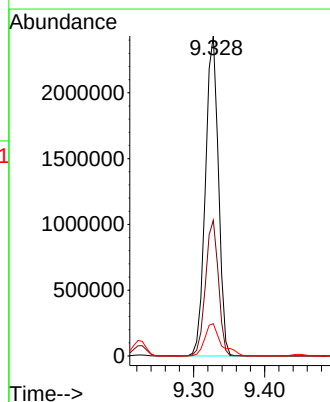
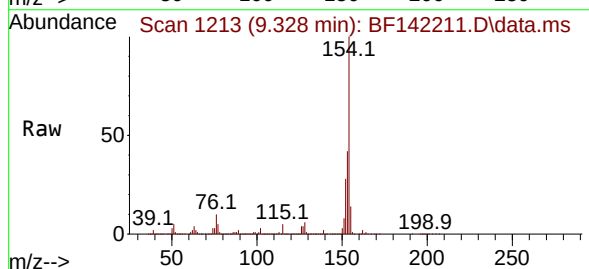
Tgt Ion:154 Resp: 3104406

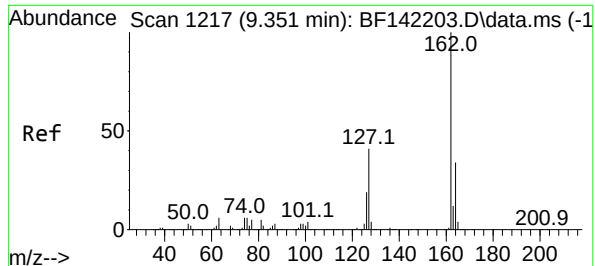
Ion Ratio Lower Upper

154 100

153 42.4 22.5 62.5

76 10.1 0.0 30.4





#47

2-Chloronaphthalene

Concen: 44.296 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

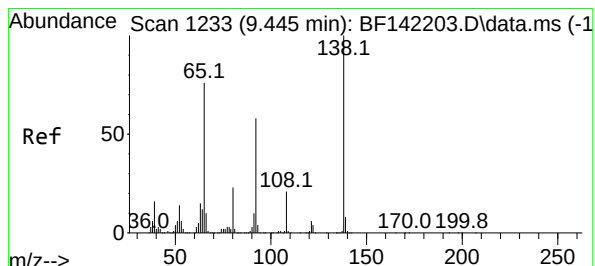
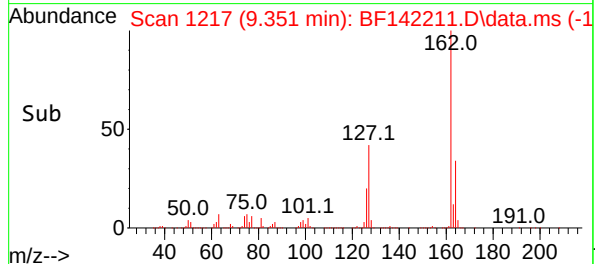
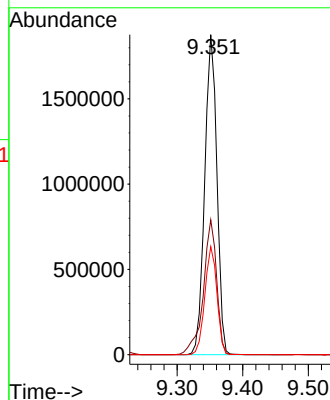
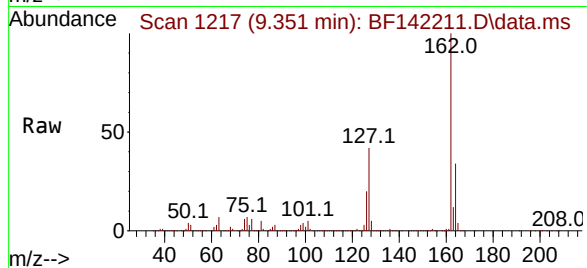
Tgt Ion:162 Resp: 2433061

Ion Ratio Lower Upper

162 100

127 42.1 33.1 49.7

164 33.7 27.1 40.7



#48

2-Nitroaniline

Concen: 47.329 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

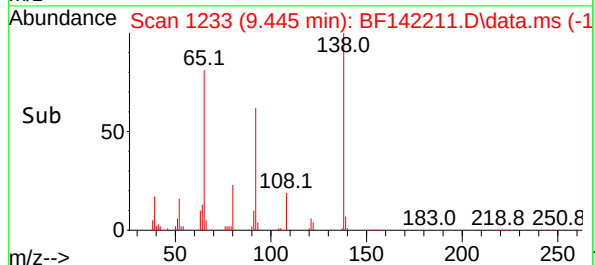
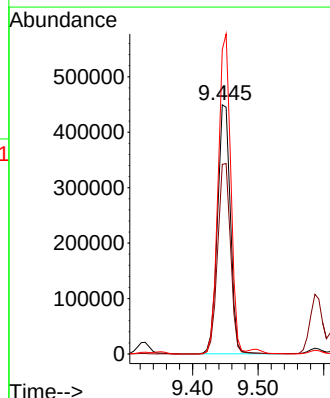
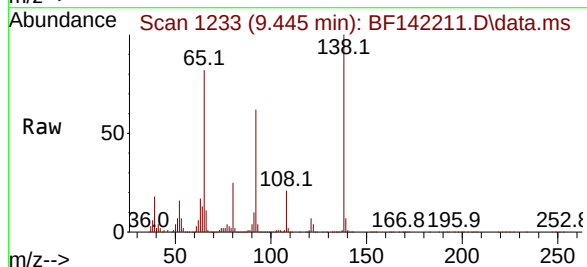
Tgt Ion: 65 Resp: 609375

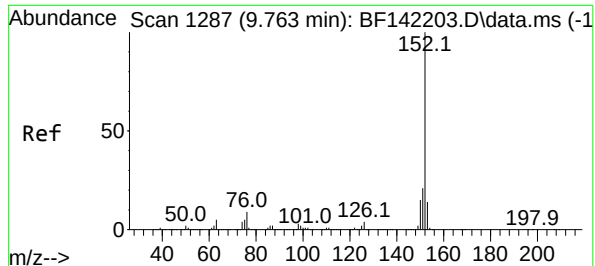
Ion Ratio Lower Upper

65 100

92 76.1 61.4 92.0

138 122.2 105.8 158.6





#49

Acenaphthylene

Concen: 47.063 ng

RT: 9.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

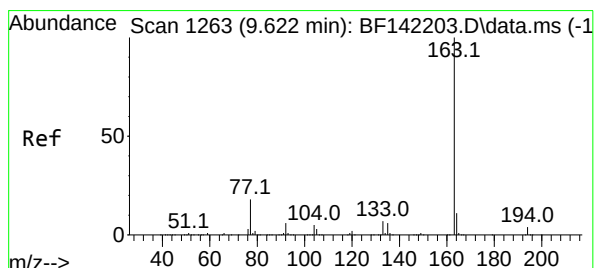
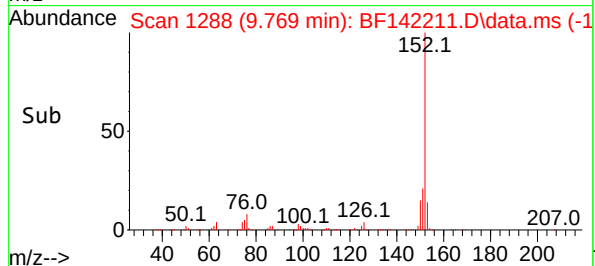
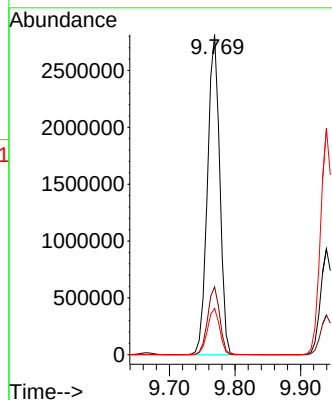
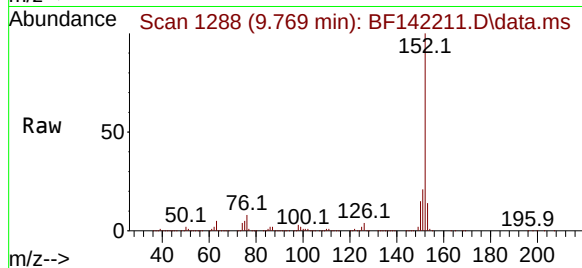
Tgt Ion:152 Resp: 3653876

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

153 14.5 11.6 17.4



#50

Dimethylphthalate

Concen: 44.827 ng

RT: 9.628 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

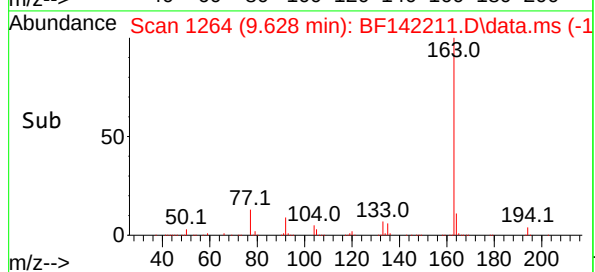
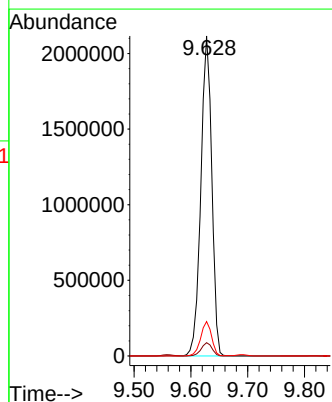
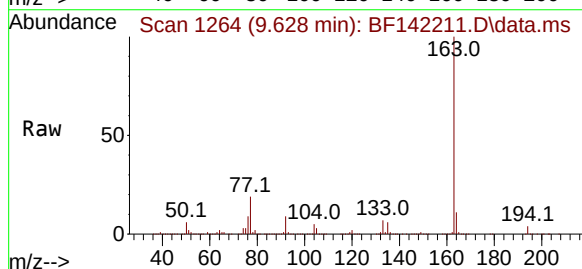
Tgt Ion:163 Resp: 2836336

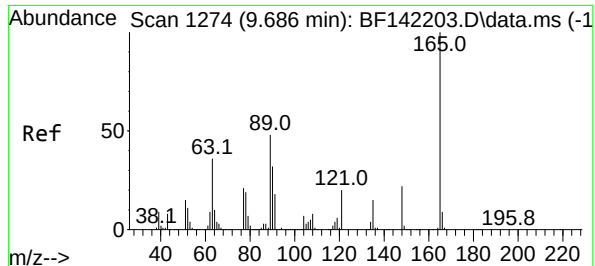
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.8 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 45.153 ng

RT: 9.692 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

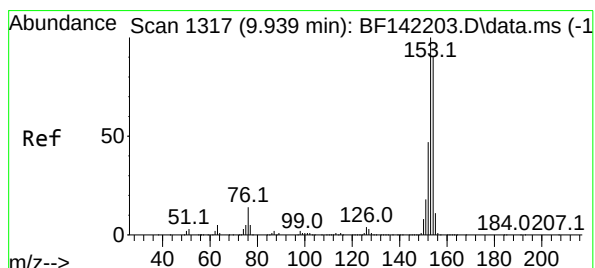
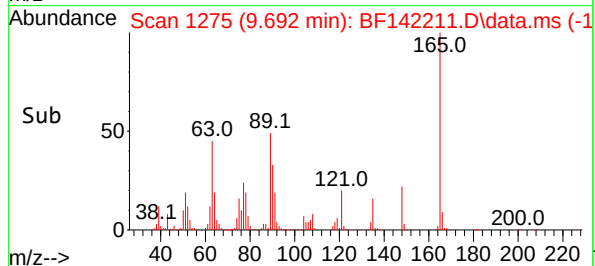
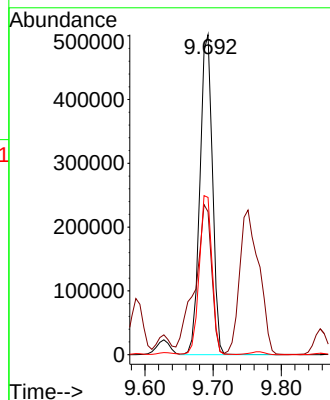
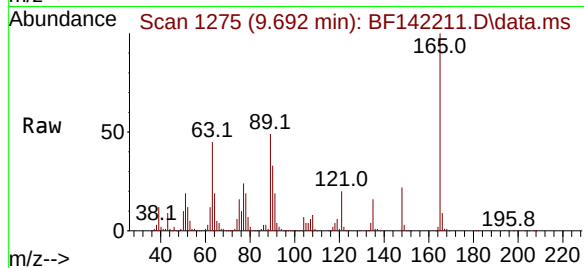
Tgt Ion:165 Resp: 641418

Ion Ratio Lower Upper

165 100

63 44.7 35.4 53.2

89 49.2 38.6 58.0



#52

Acenaphthene

Concen: 48.978 ng m

RT: 9.939 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

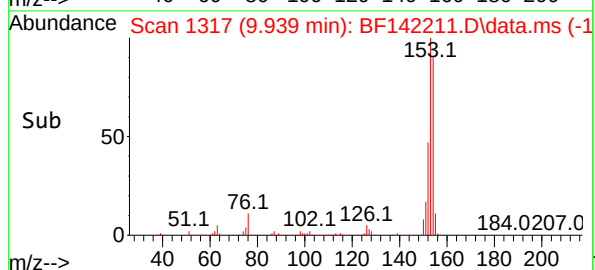
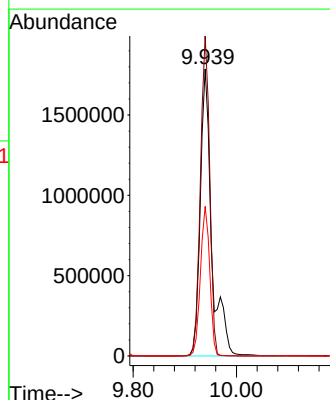
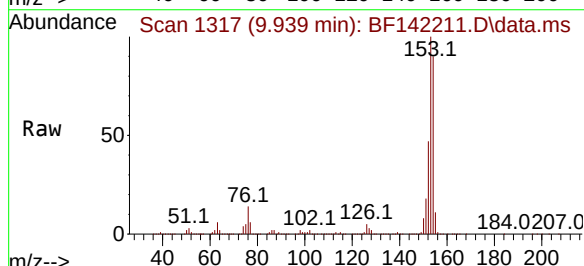
Tgt Ion:154 Resp: 2740165

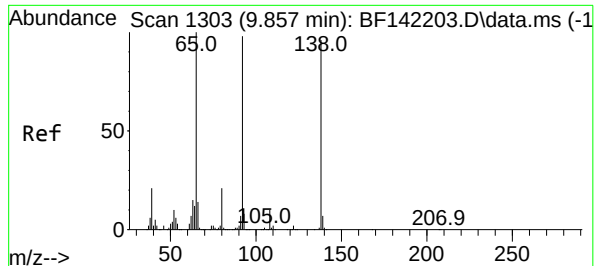
Ion Ratio Lower Upper

154 100

153 111.5 89.0 133.4

152 52.1 41.8 62.8





#53

3-Nitroaniline

Concen: 21.261 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

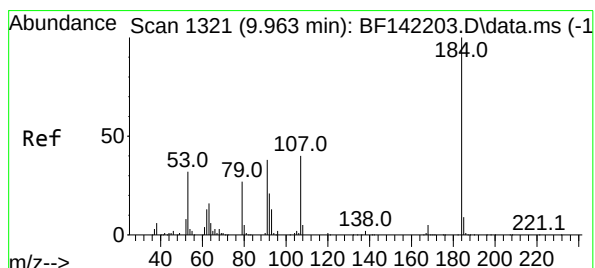
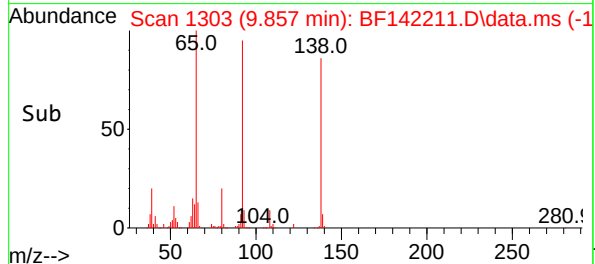
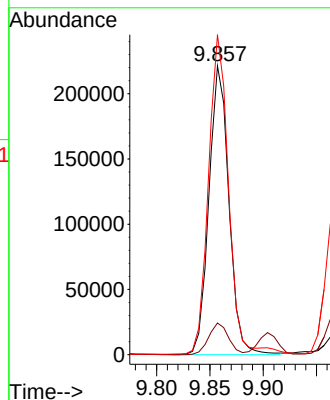
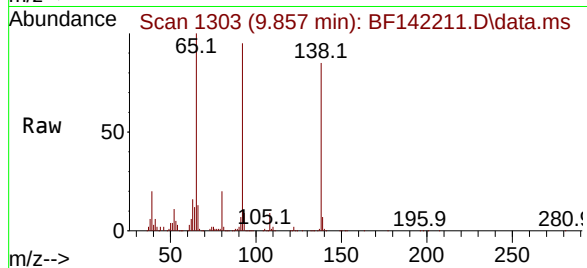
Tgt Ion:138 Resp: 289393

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

92 110.8 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 112.869 ng

RT: 9.969 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

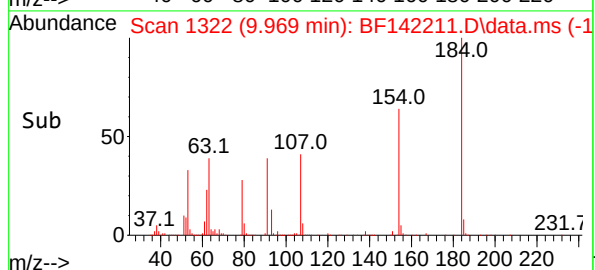
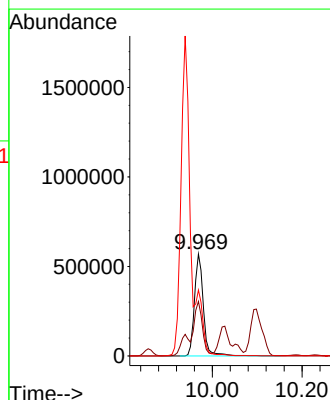
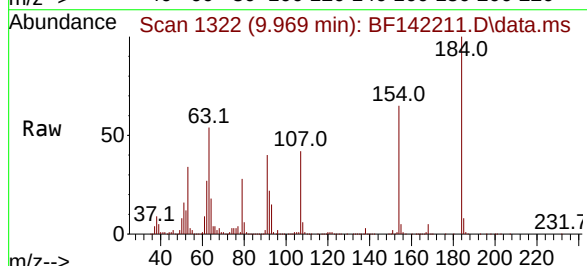
Tgt Ion:184 Resp: 785295

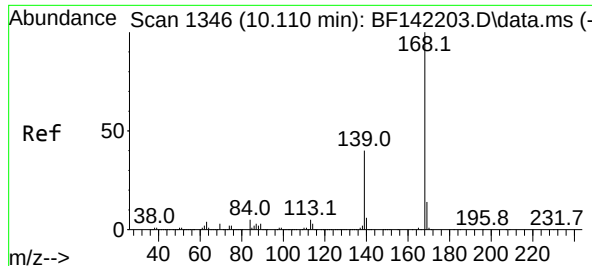
Ion Ratio Lower Upper

184 100

63 53.5 39.0 58.4

154 64.6 52.2 78.4





#55

Dibenzofuran

Concen: 42.657 ng

RT: 10.110 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

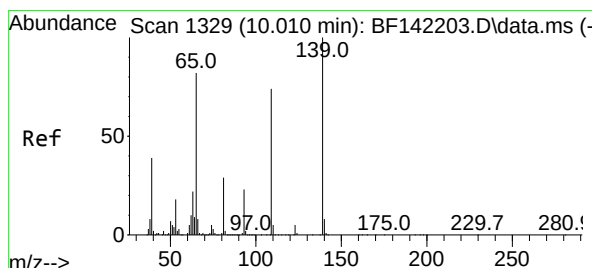
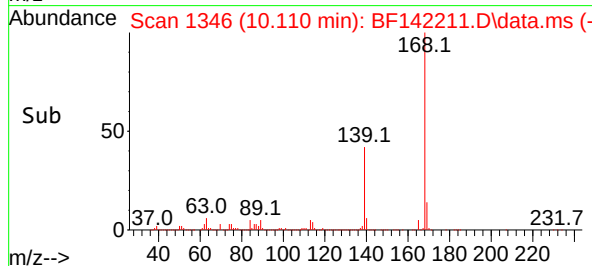
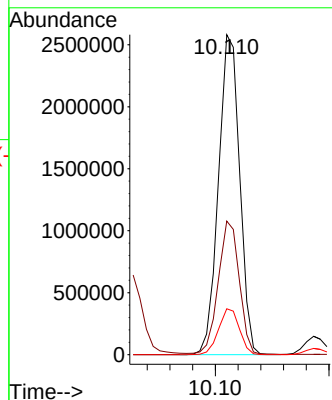
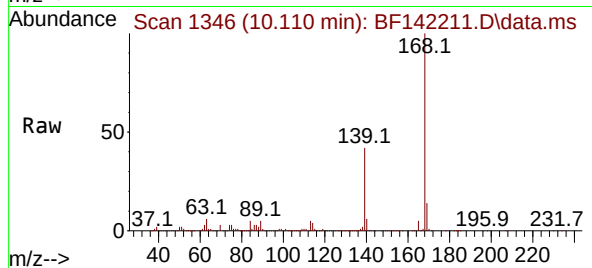
Tgt Ion:168 Resp: 3345770

Ion Ratio Lower Upper

168 100

139 41.7 32.3 48.5

169 14.4 11.4 17.0



#56

4-Nitrophenol

Concen: 91.942 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.018 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

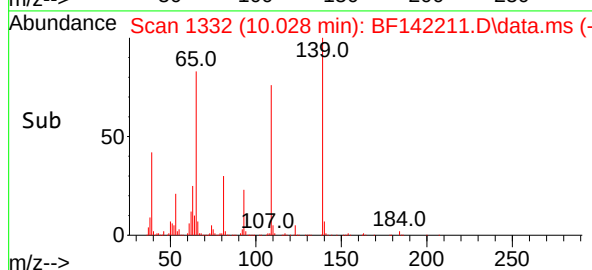
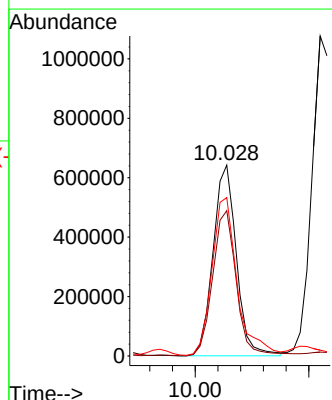
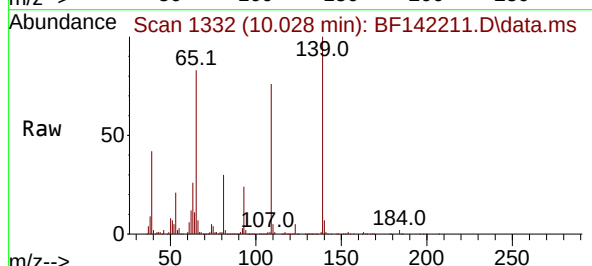
Tgt Ion:139 Resp: 915444

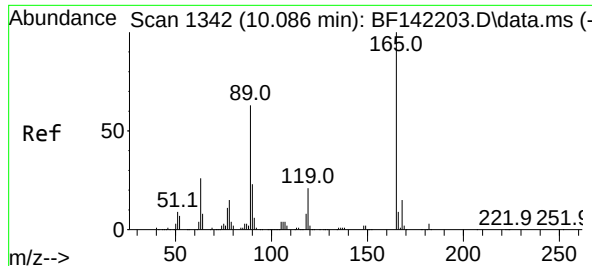
Ion Ratio Lower Upper

139 100

109 76.1 54.1 94.1

65 82.9 62.1 102.1





#57

2,4-Dinitrotoluene

Concen: 48.619 ng

RT: 10.092 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

Tgt Ion:165 Resp: 892061

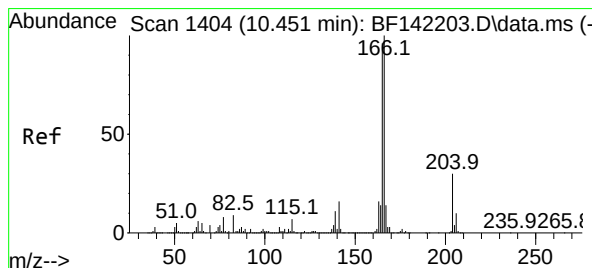
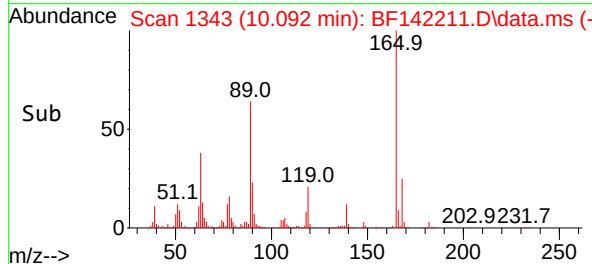
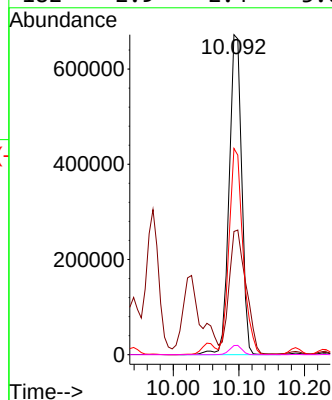
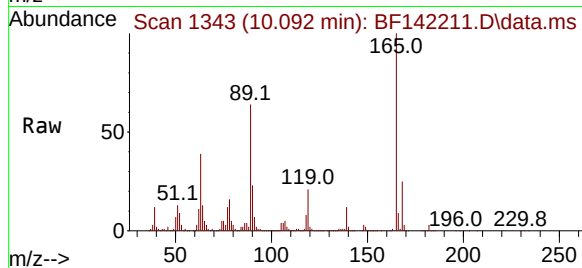
Ion Ratio Lower Upper

165 100

63 38.5 29.0 43.6

89 64.4 50.1 75.1

182 2.9 2.4 3.6



#58

Fluorene

Concen: 44.502 ng

RT: 10.457 min Scan# 1405

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

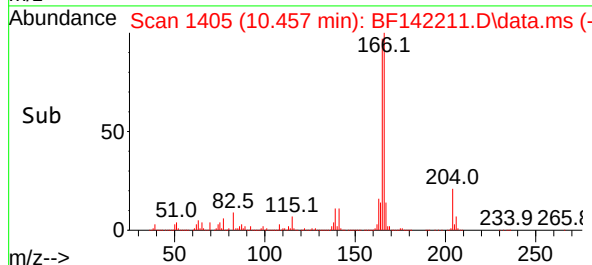
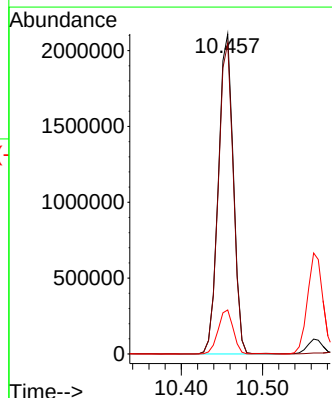
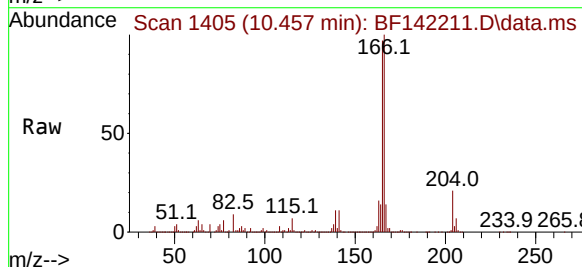
Tgt Ion:166 Resp: 2700086

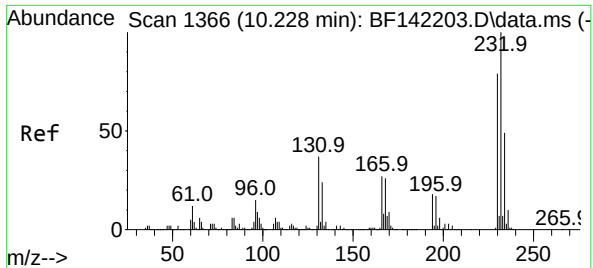
Ion Ratio Lower Upper

166 100

165 97.1 77.1 115.7

167 13.8 11.0 16.4

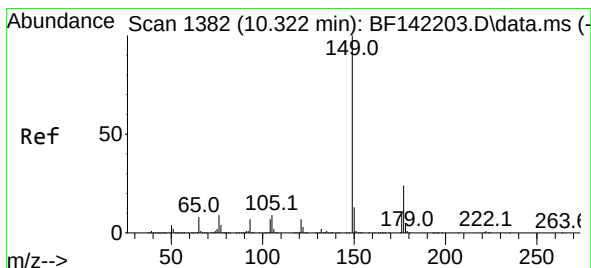
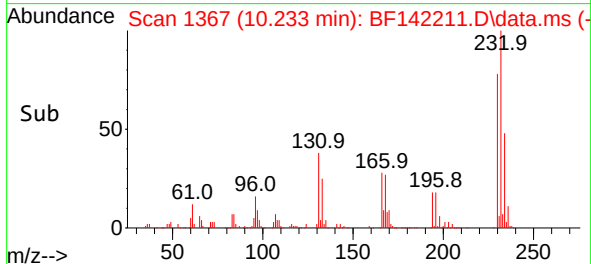
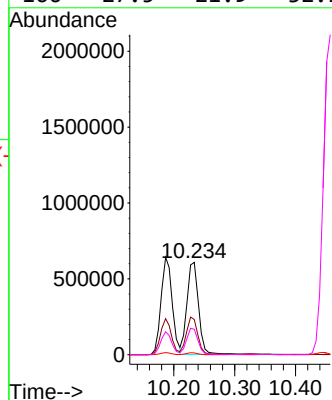
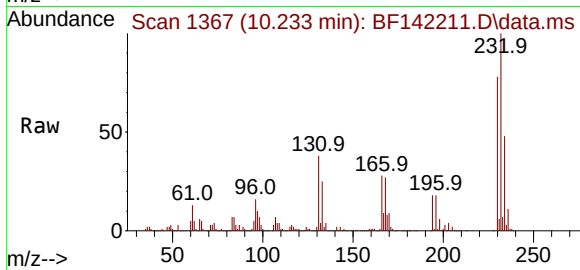




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.922 ng
RT: 10.233 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

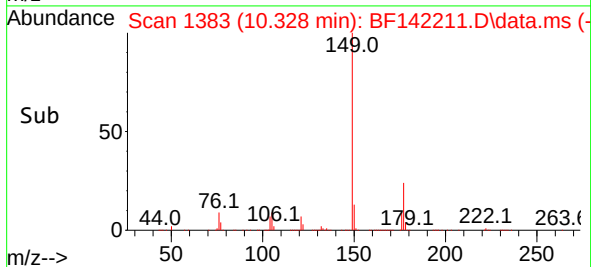
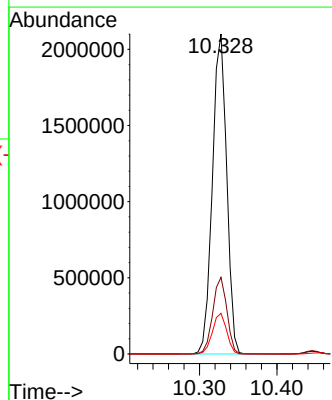
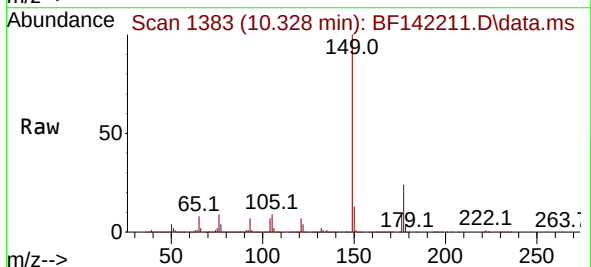
Instrument :
BNA_F
ClientSampleId :
PB167672BS

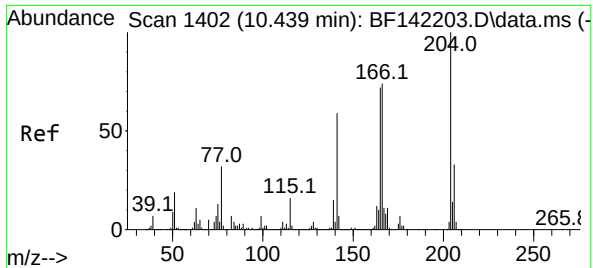
Tgt Ion:232 Resp: 811524
Ion Ratio Lower Upper
232 100
131 39.8 31.9 47.9
130 1.9 1.6 2.4
166 27.5 21.9 32.9



#60
Diethylphthalate
Concen: 45.492 ng
RT: 10.328 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:149 Resp: 2687801
Ion Ratio Lower Upper
149 100
177 24.0 19.6 29.4
150 12.7 10.6 15.8

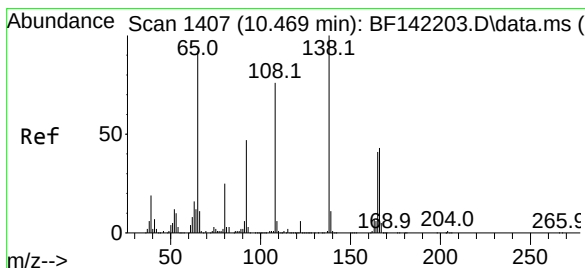
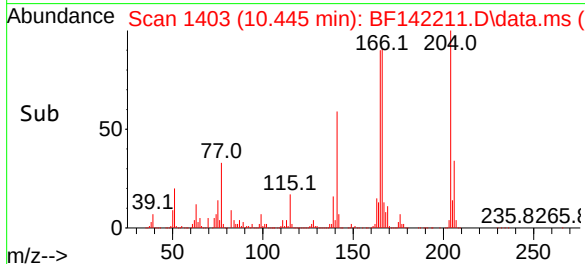
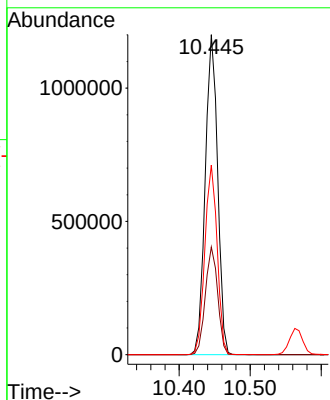
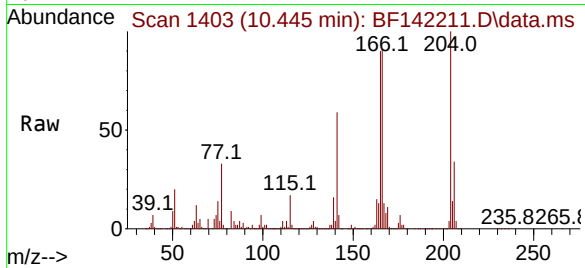




#61
4-Chlorophenyl-phenylether
Concen: 43.649 ng
RT: 10.445 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

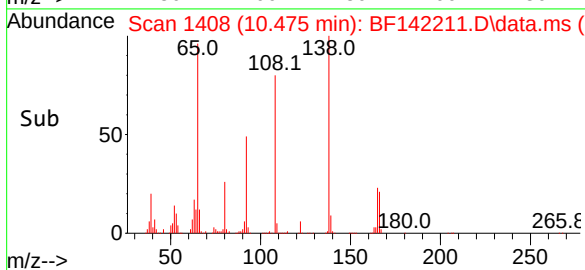
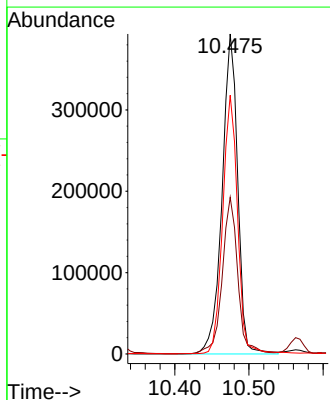
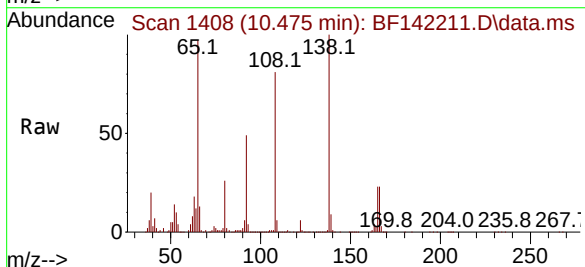
Instrument :
BNA_F
ClientSampleId :
PB167672BS

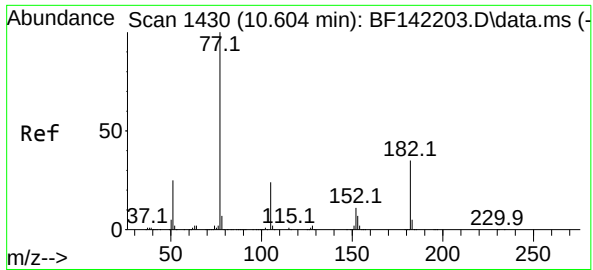
Tgt Ion:204 Resp: 1458223
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 59.3 47.0 70.6



#62
4-Nitroaniline
Concen: 44.481 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:138 Resp: 575486
Ion Ratio Lower Upper
138 100
92 49.0 26.7 66.7
108 80.9 56.5 96.5

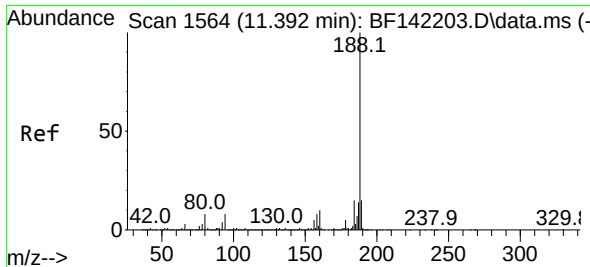
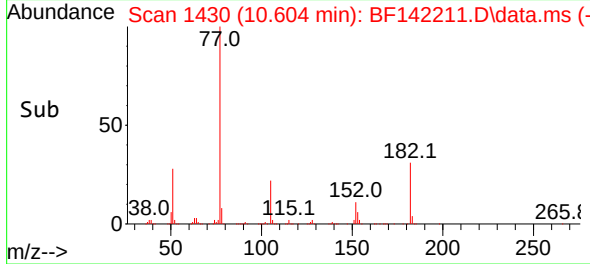
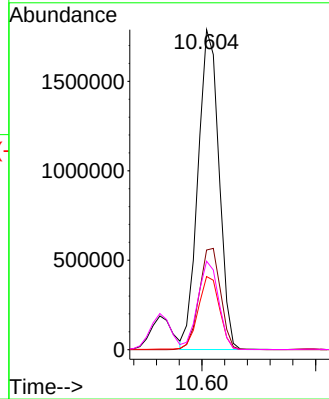
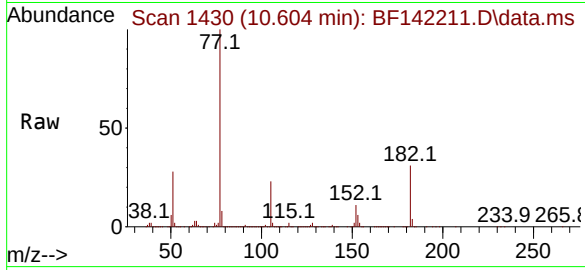




#63
Azobenzene
Concen: 44.474 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

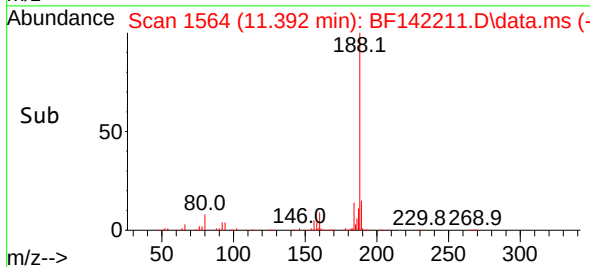
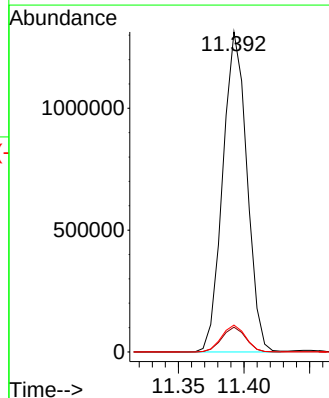
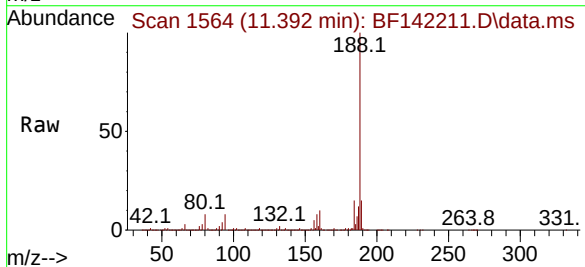
Instrument :
BNA_F
ClientSampleId :
PB167672BS

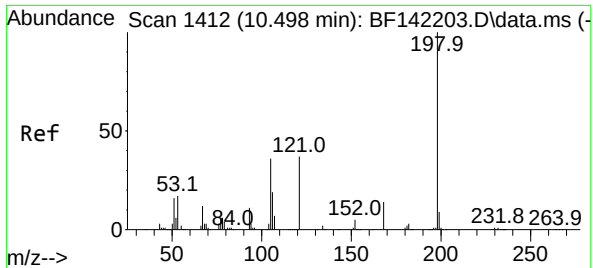
Tgt Ion: 77 Resp: 2288089
Ion Ratio Lower Upper
77 100
182 31.1 14.8 54.8
105 22.9 4.0 44.0
51 27.7 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 188 Resp: 1683111
Ion Ratio Lower Upper
188 100
94 7.7 6.3 9.5
80 8.4 6.7 10.1

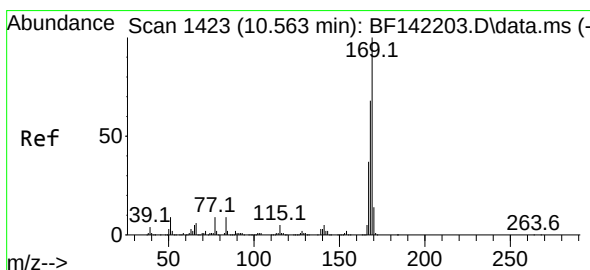
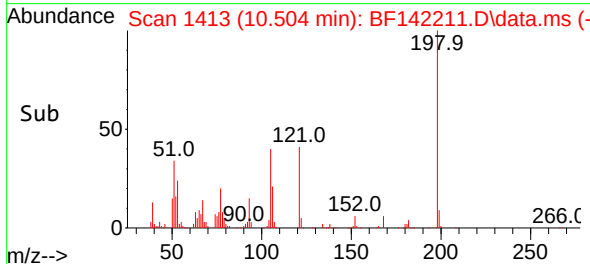
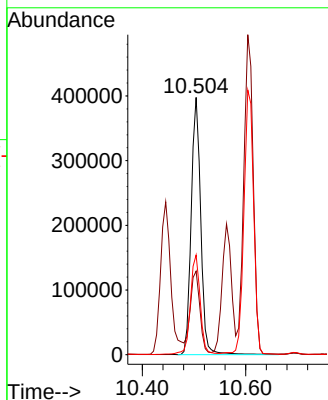
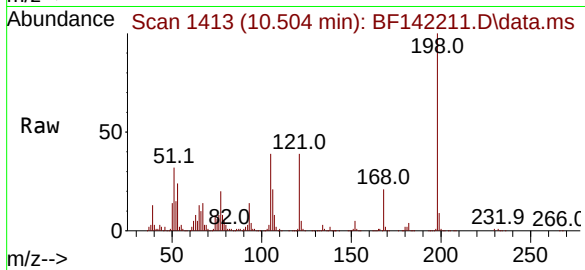




#65
4,6-Dinitro-2-methylphenol
Concen: 52.007 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

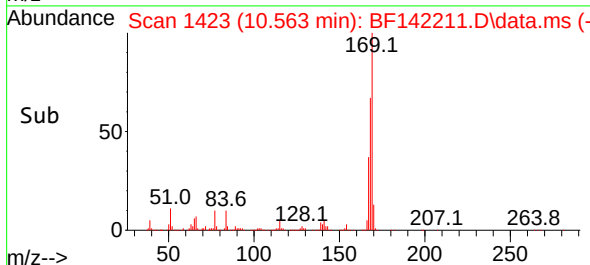
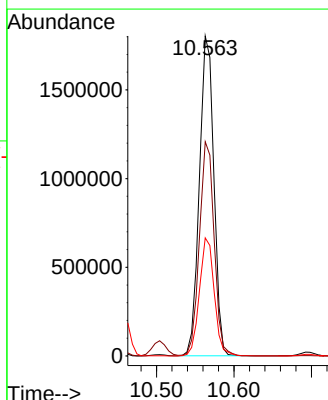
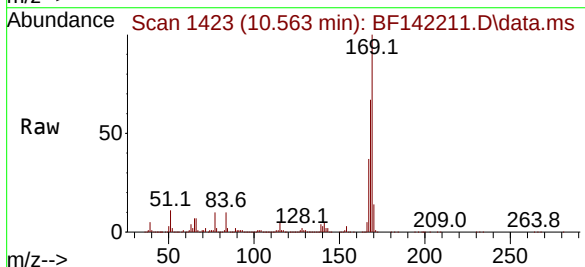
Instrument :
BNA_F
ClientSampleId :
PB167672BS

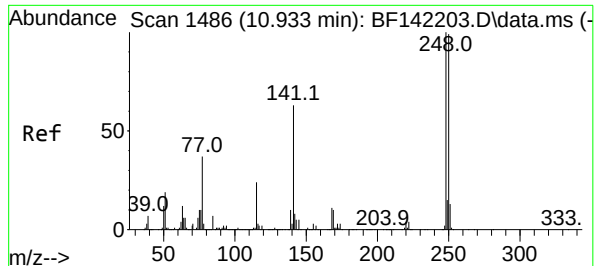
Tgt Ion:198 Resp: 510956
Ion Ratio Lower Upper
198 100
51 32.5 10.2 50.2
105 38.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 45.264 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:169 Resp: 2334943
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.9 29.4 44.2

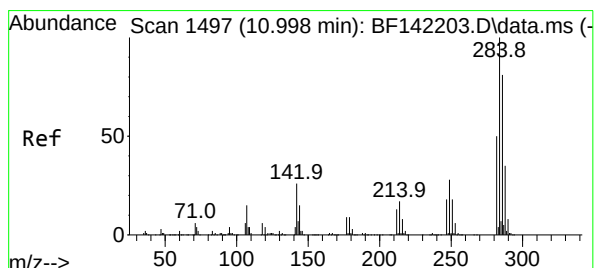
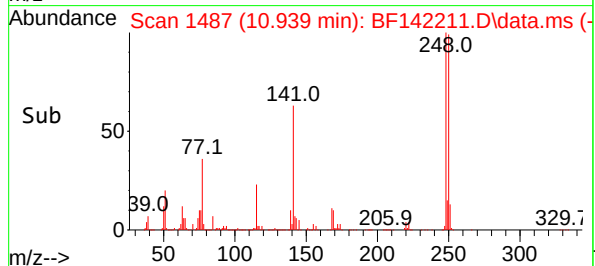
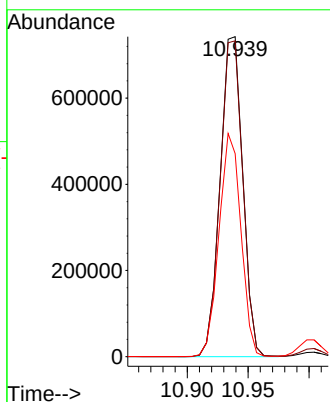
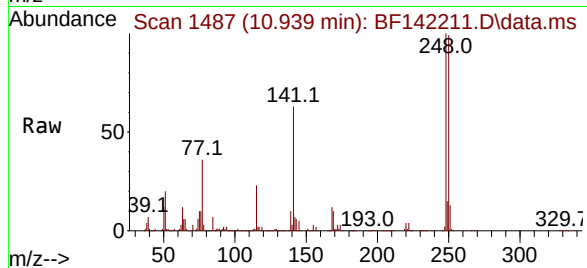




#67
4-Bromophenyl-phenylether
Concen: 43.508 ng
RT: 10.939 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

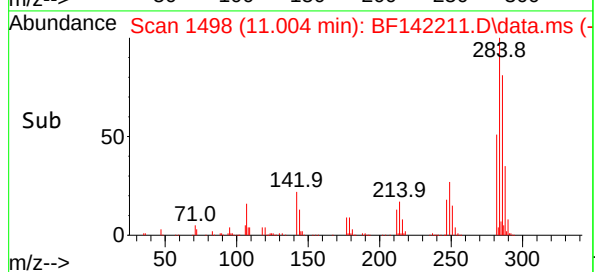
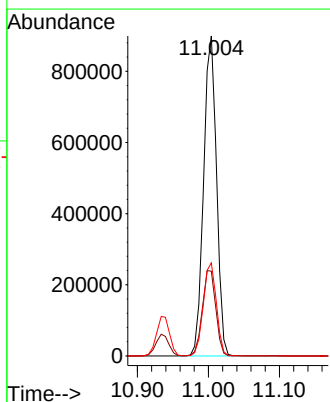
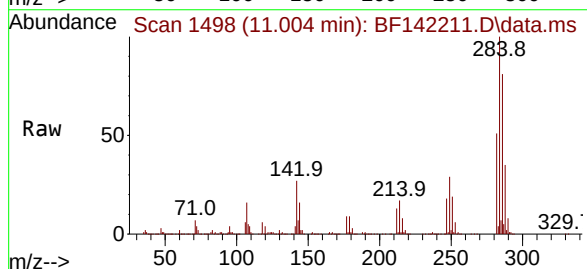
Instrument :
BNA_F
ClientSampleId :
PB167672BS

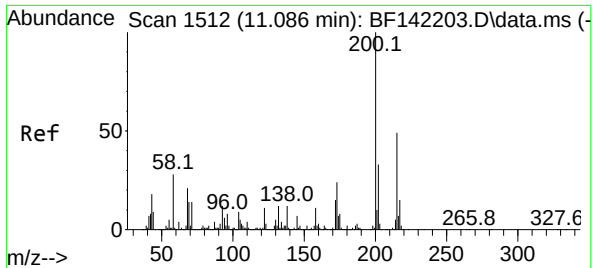
Tgt Ion:248 Resp: 963042
Ion Ratio Lower Upper
248 100
250 98.7 78.8 118.2
141 63.5 50.6 75.8



#68
Hexachlorobenzene
Concen: 43.256 ng
RT: 11.004 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:284 Resp: 1139419
Ion Ratio Lower Upper
284 100
142 26.5 20.7 31.1
249 29.1 22.8 34.2





#69

Atrazine

Concen: 63.658 ng

RT: 11.092 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

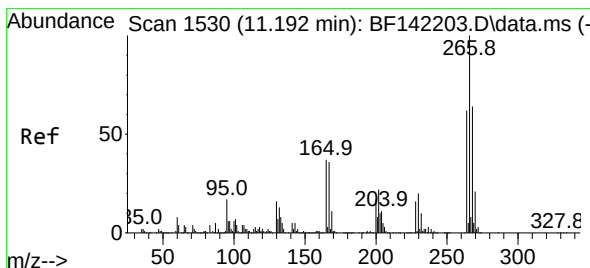
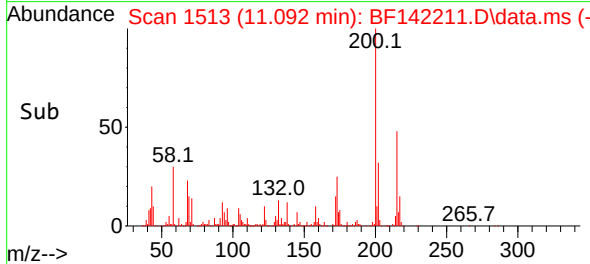
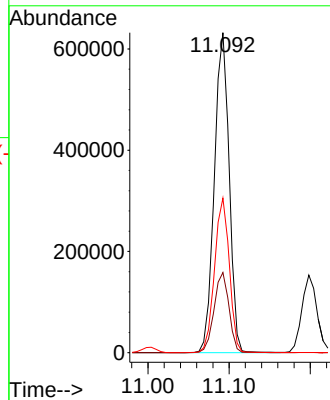
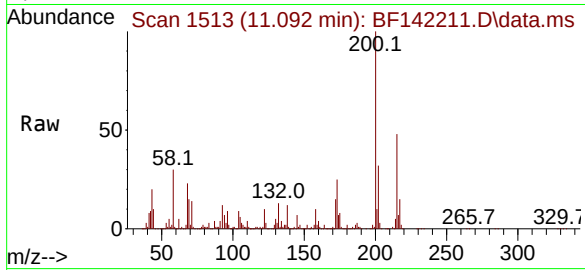
Tgt Ion:200 Resp: 801362

Ion Ratio Lower Upper

200 100

173 25.0 4.4 44.4

215 48.3 28.6 68.6



#70

Pentachlorophenol

Concen: 88.796 ng

RT: 11.198 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

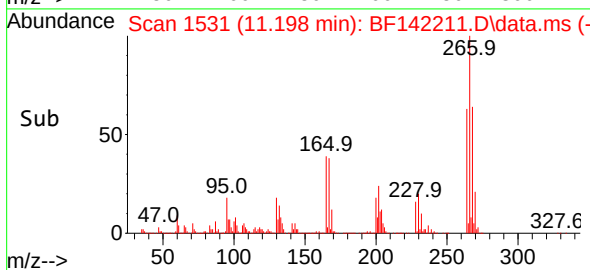
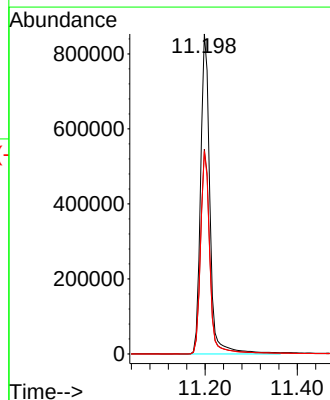
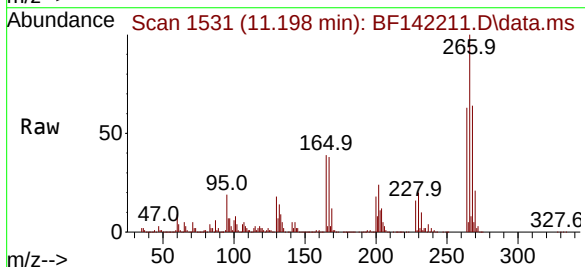
Tgt Ion:266 Resp: 1193219

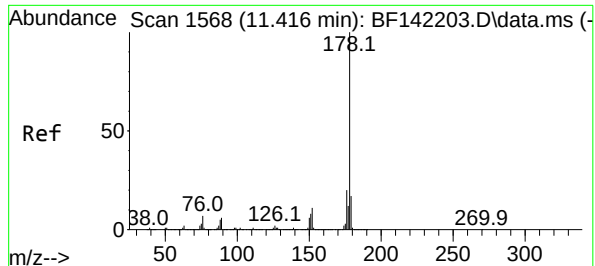
Ion Ratio Lower Upper

266 100

268 64.0 50.9 76.3

264 63.2 49.4 74.2

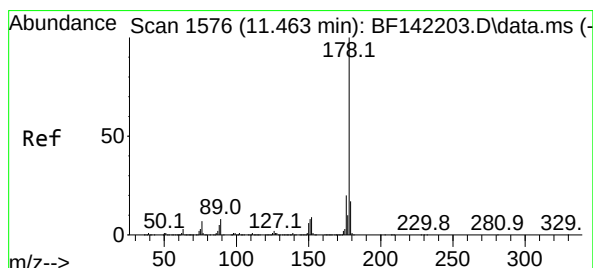
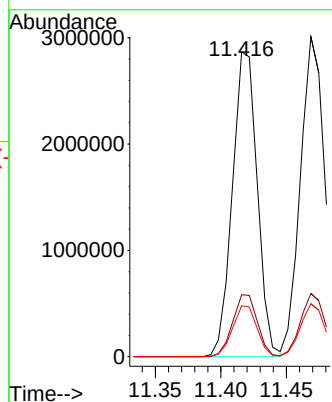
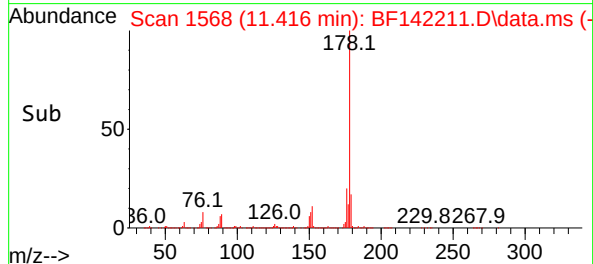
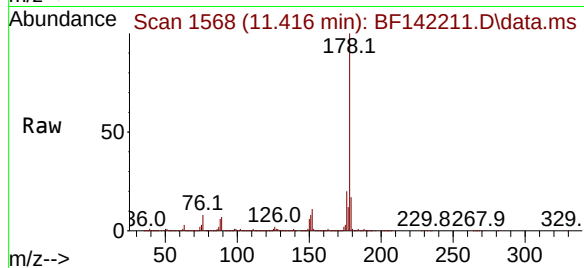




#71
Phenanthrene
Concen: 45.374 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

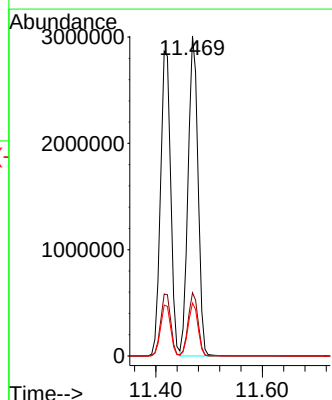
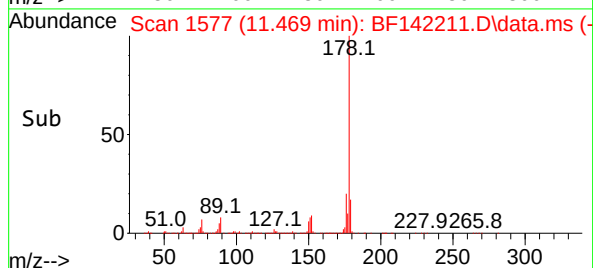
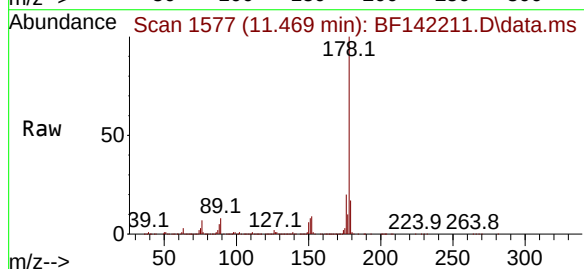
Instrument :
BNA_F
ClientSampleId :
PB167672BS

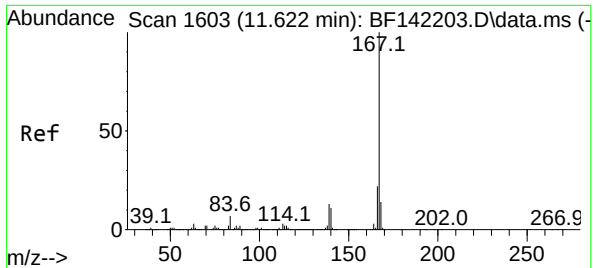
Tgt Ion:178 Resp: 3792389
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 16.7 13.3 19.9



#72
Anthracene
Concen: 46.382 ng
RT: 11.469 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:178 Resp: 3876240
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.5 13.4 20.0

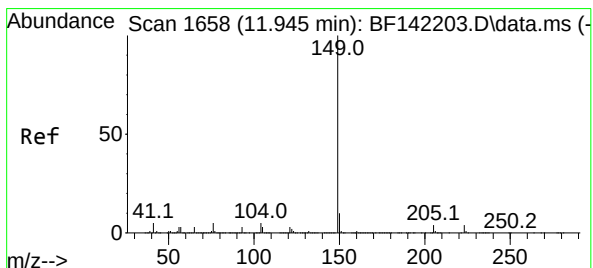
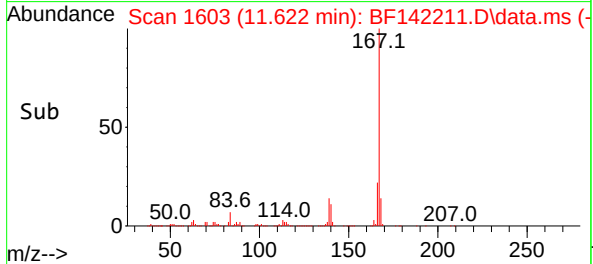
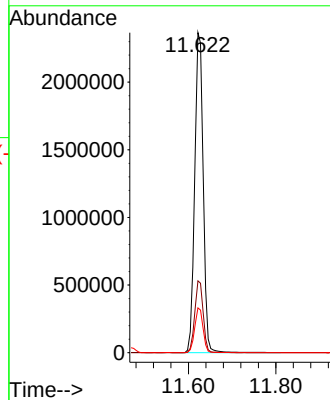
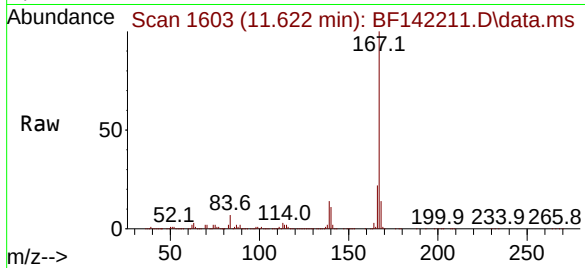




#73
 Carbazole
 Concen: 43.793 ng
 RT: 11.622 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF142211.D
 Acq: 22 Apr 2025 14:44

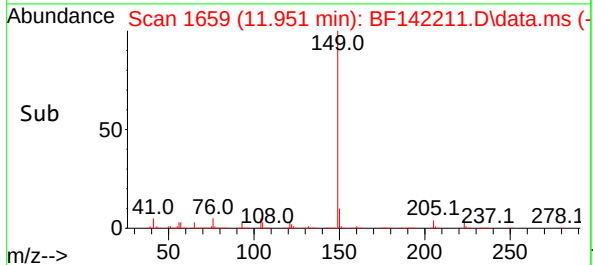
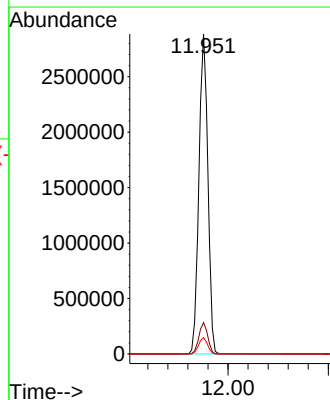
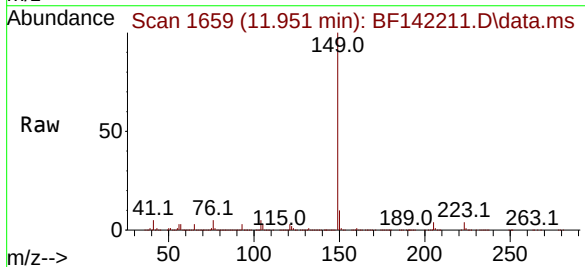
Instrument :
 BNA_F
 ClientSampleId :
 PB167672BS

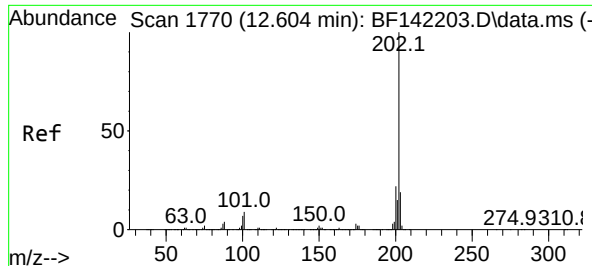
Tgt Ion:167 Resp: 3197354
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 14.0 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 47.078 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. 0.006 min
 Lab File: BF142211.D
 Acq: 22 Apr 2025 14:44

Tgt Ion:149 Resp: 3557598
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 42.325 ng

RT: 12.604 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

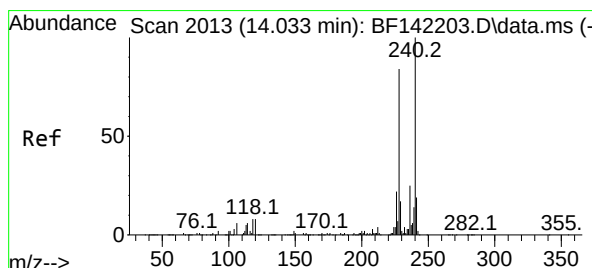
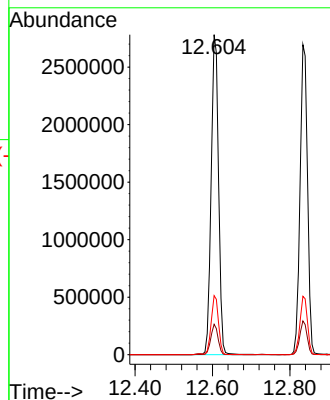
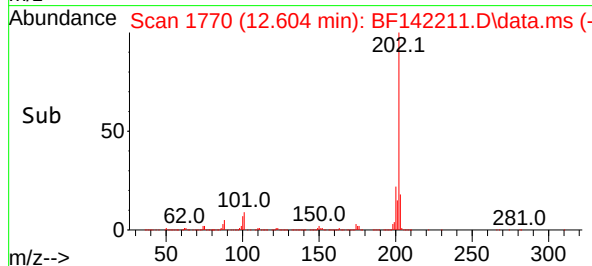
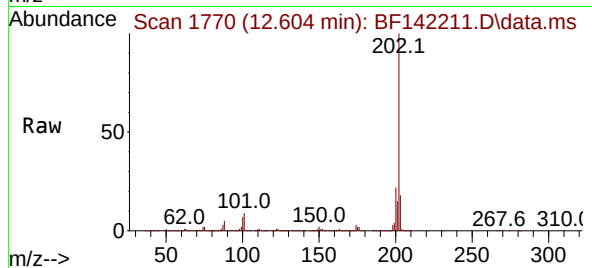
Tgt Ion:202 Resp: 3677228

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 18.4 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

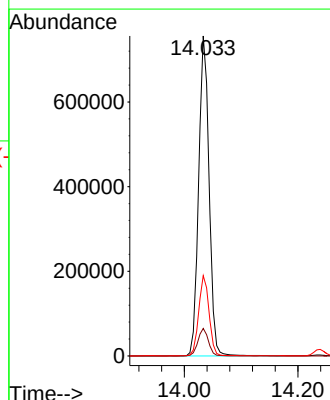
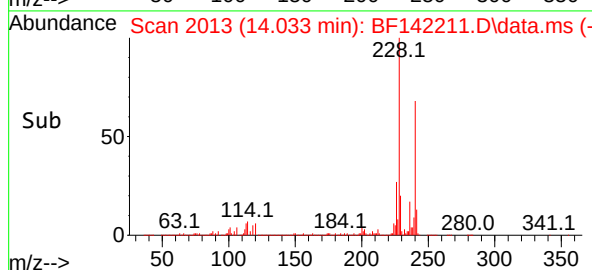
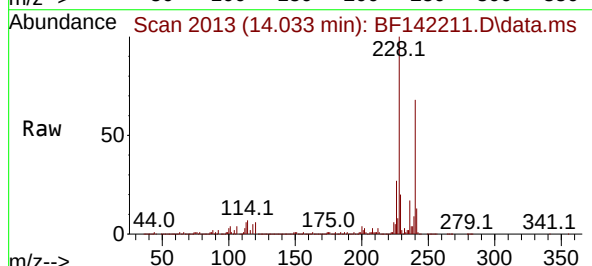
Tgt Ion:240 Resp: 969588

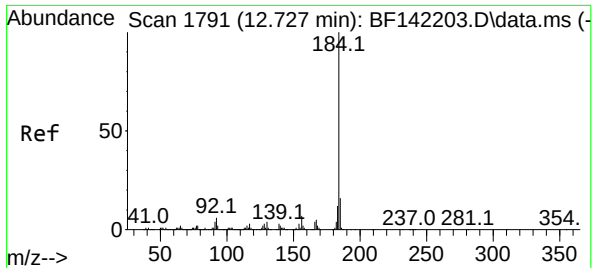
Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

236 25.1 20.2 30.2

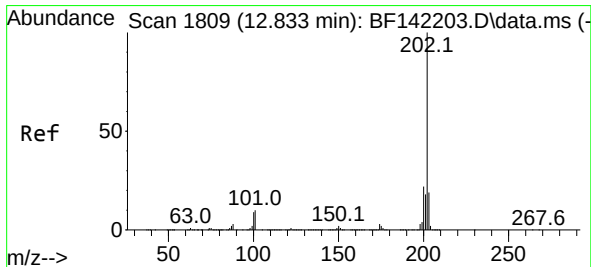
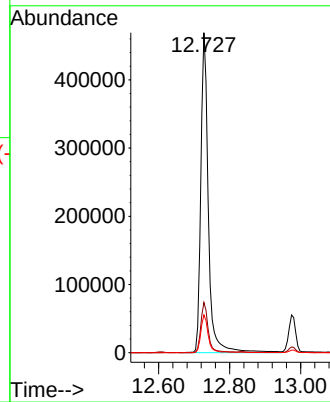
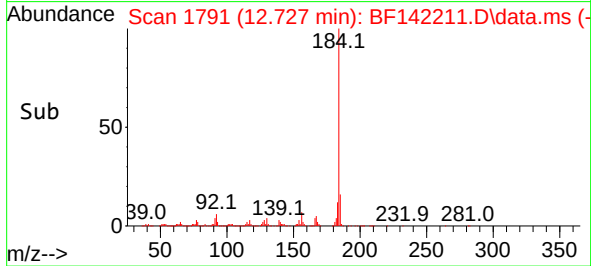
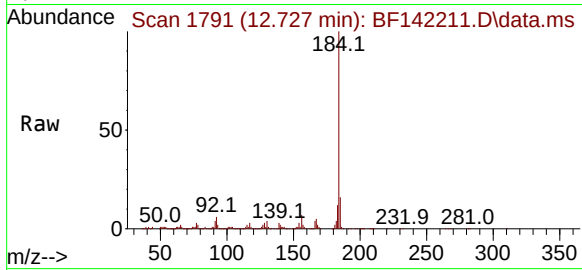




#77
Benzidine
Concen: 55.555 ng
RT: 12.727 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

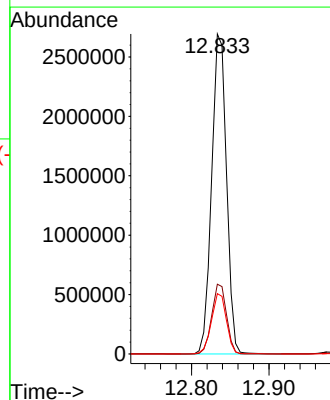
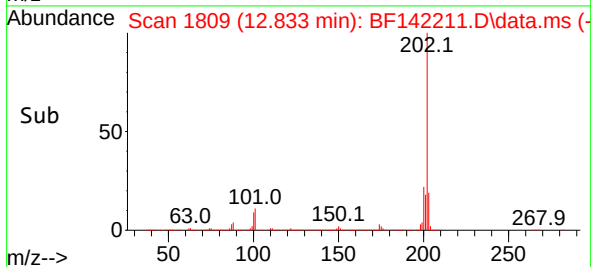
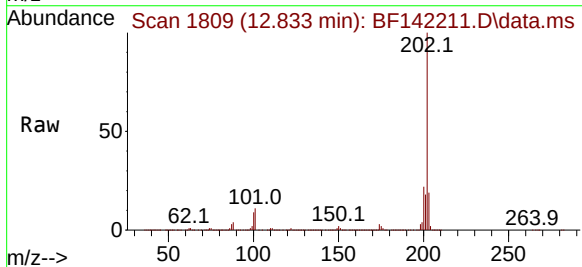
Instrument :
BNA_F
ClientSampleId :
PB167672BS

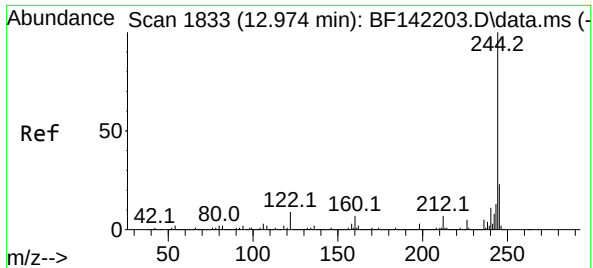
Tgt Ion:184 Resp: 695113
Ion Ratio Lower Upper
184 100
185 15.7 13.0 19.6
183 11.8 9.6 14.4



#78
Pyrene
Concen: 46.579 ng
RT: 12.833 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:202 Resp: 3586889
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.8 14.8 22.2





#79

Terphenyl-d14

Concen: 90.634 ng

RT: 12.975 min Scan# 1833

Delta R.T. 0.001 min

Lab File: BF142211.D

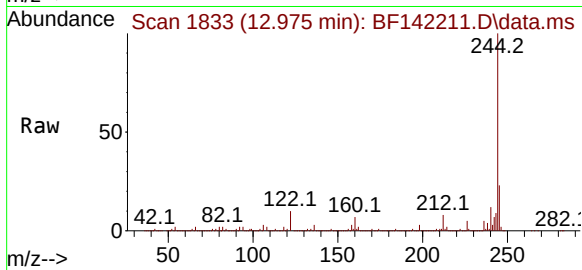
Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS



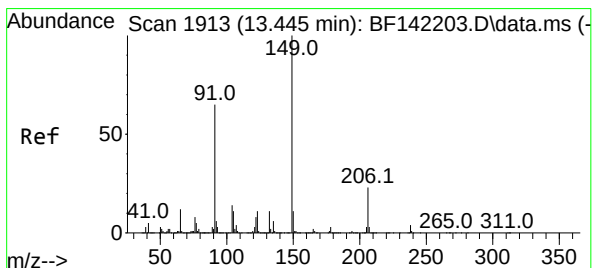
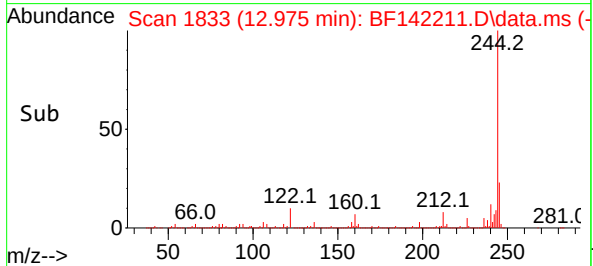
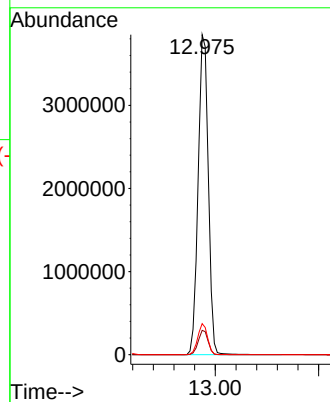
Tgt Ion:244 Resp: 5245486

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 9.7 7.3 10.9



#80

Butylbenzylphthalate

Concen: 55.561 ng

RT: 13.451 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

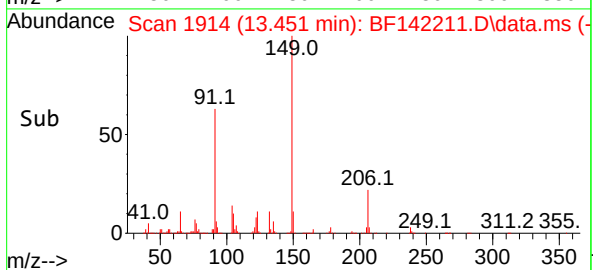
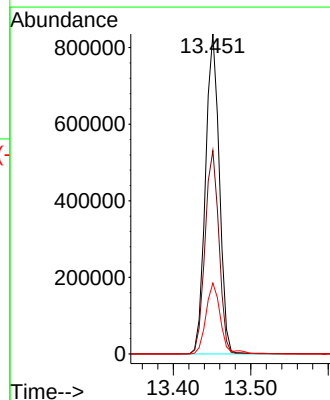
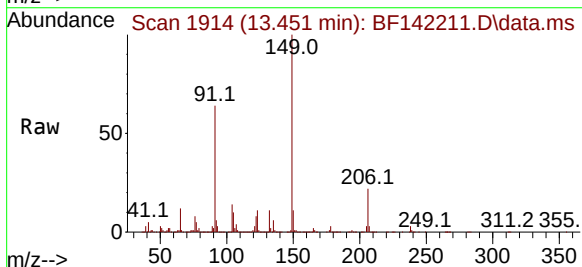
Tgt Ion:149 Resp: 1035601

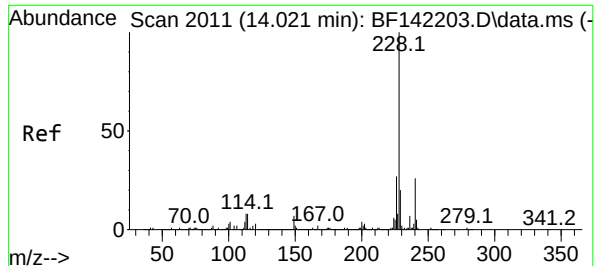
Ion Ratio Lower Upper

149 100

91 63.5 51.8 77.8

206 22.1 18.2 27.4





#81

Benzo(a)anthracene

Concen: 47.687 ng

RT: 14.022 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

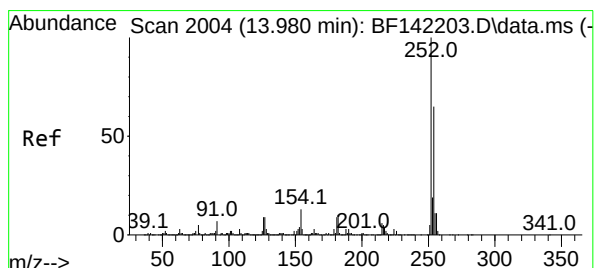
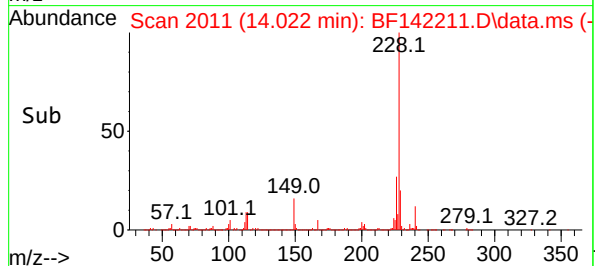
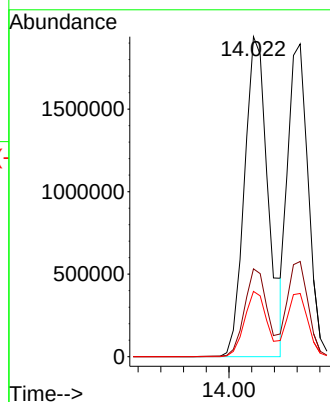
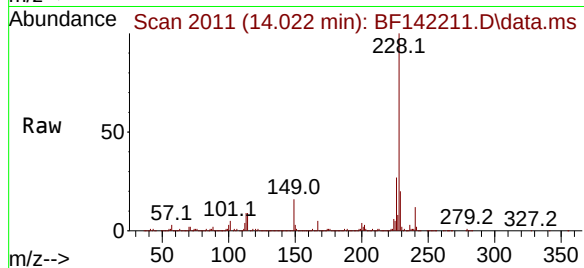
Tgt Ion:228 Resp: 2800475

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 20.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 18.072 ng

RT: 13.986 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

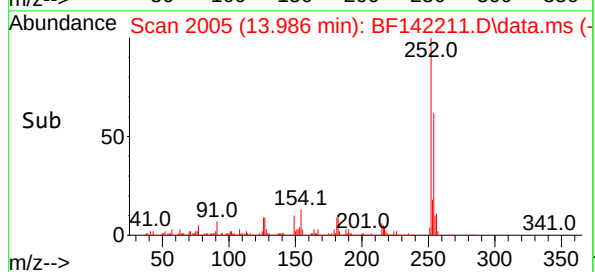
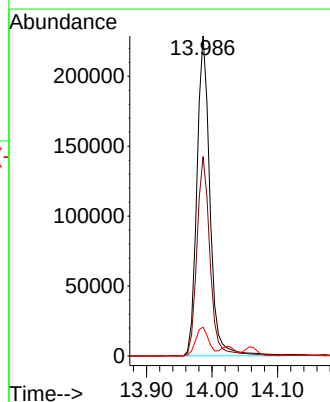
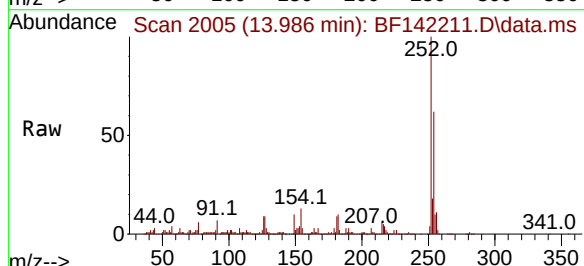
Tgt Ion:252 Resp: 316042

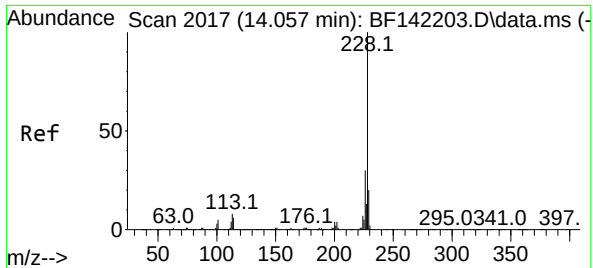
Ion Ratio Lower Upper

252 100

254 62.3 51.9 77.9

126 9.0 7.4 11.0

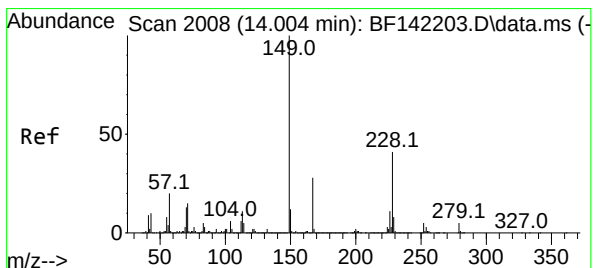
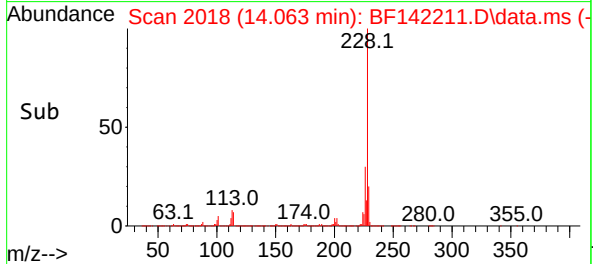
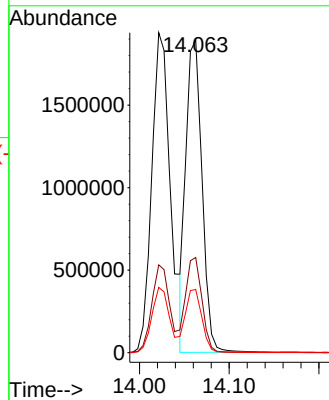
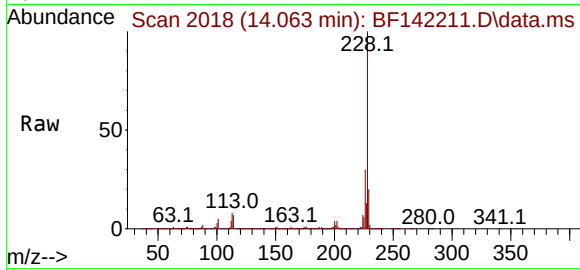




#83
Chrysene
Concen: 41.755 ng
RT: 14.063 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

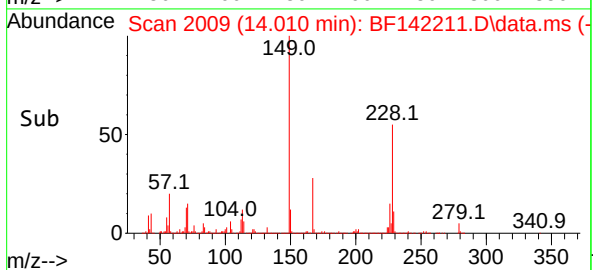
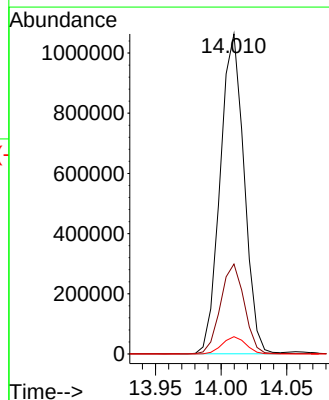
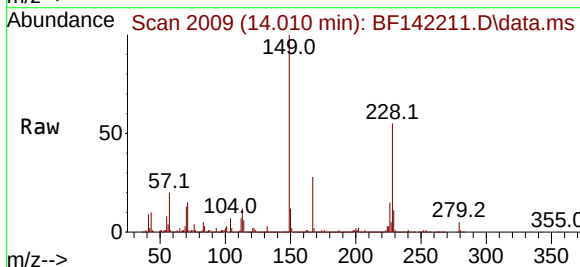
Instrument :
BNA_F
ClientSampleId :
PB167672BS

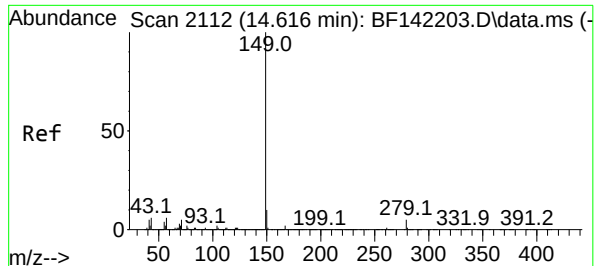
Tgt Ion:228 Resp: 2362561
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.2 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.112 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142211.D
Acq: 22 Apr 2025 14:44

Tgt Ion:149 Resp: 1349302
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 56.065 ng

RT: 14.621 min Scan# 2112

Delta R.T. 0.005 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

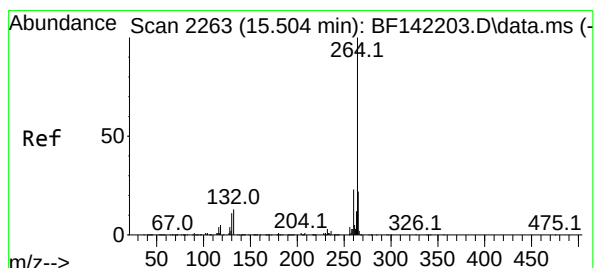
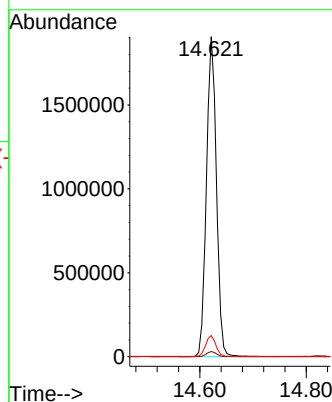
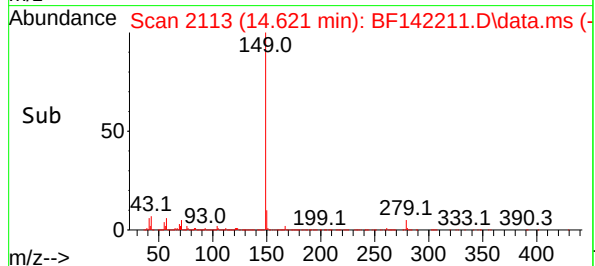
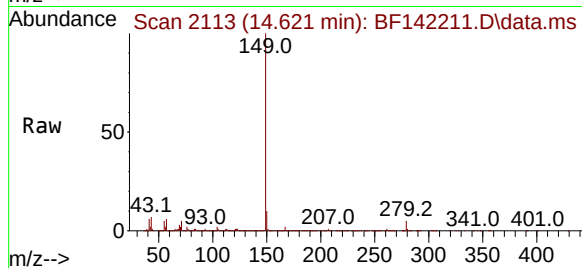
Tgt Ion:149 Resp: 2476067

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.5 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

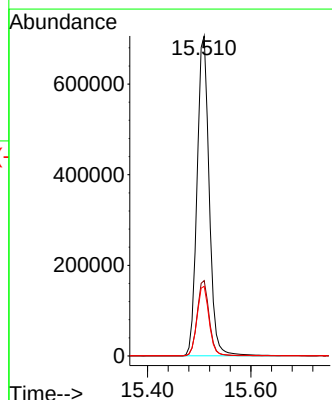
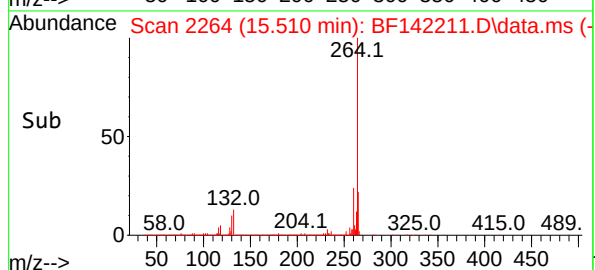
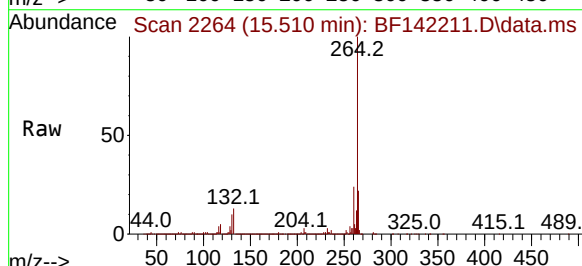
Tgt Ion:264 Resp: 1146363

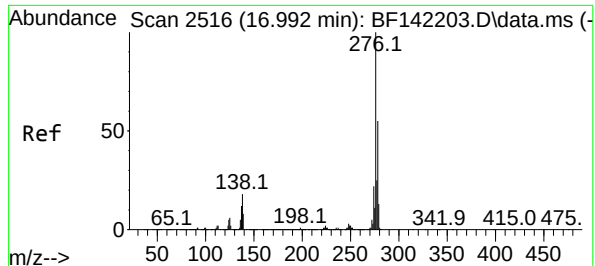
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.061 ng

RT: 17.004 min Scan# 2190

Delta R.T. 0.012 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

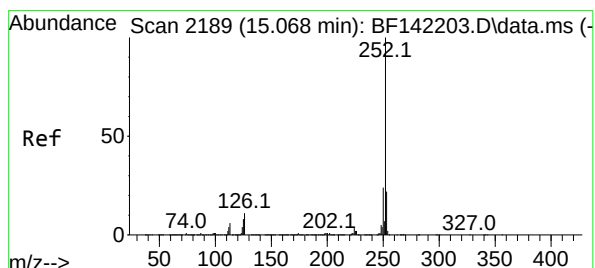
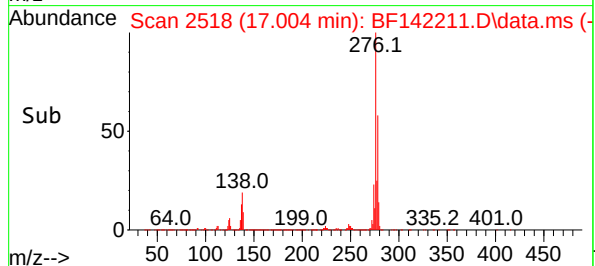
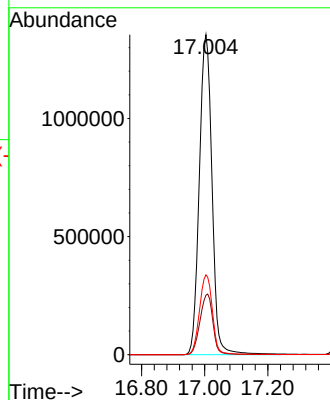
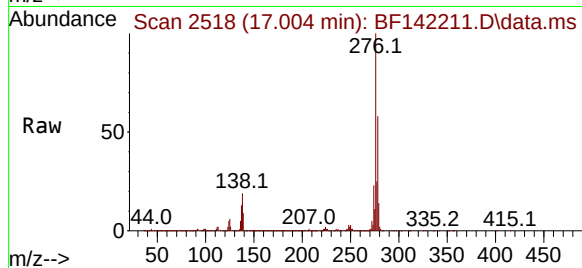
Tgt Ion:276 Resp: 3785133

Ion Ratio Lower Upper

276 100

138 19.3 15.1 22.7

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.951 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

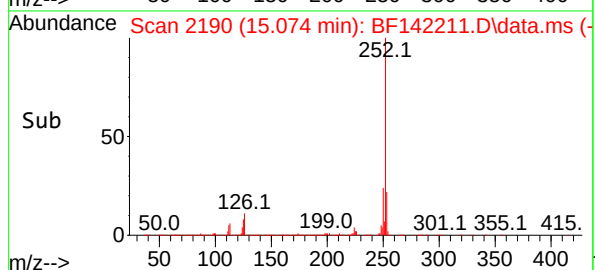
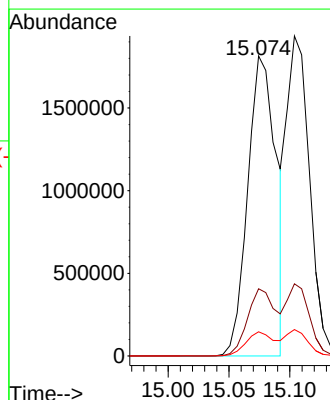
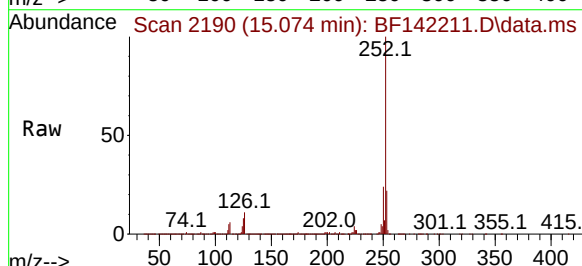
Tgt Ion:252 Resp: 2955291

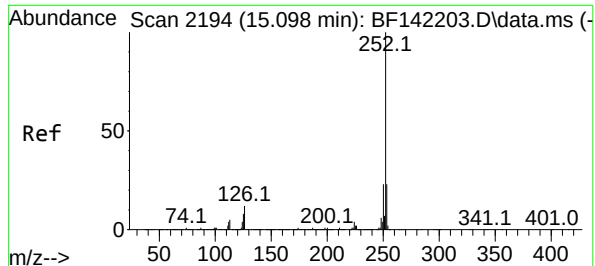
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.1 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 40.754 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

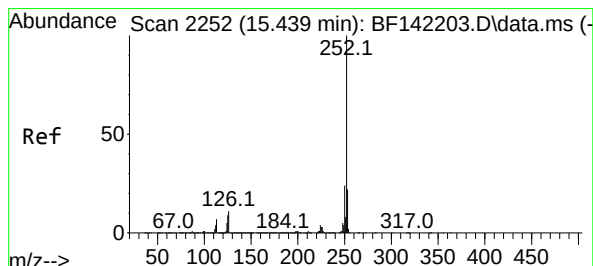
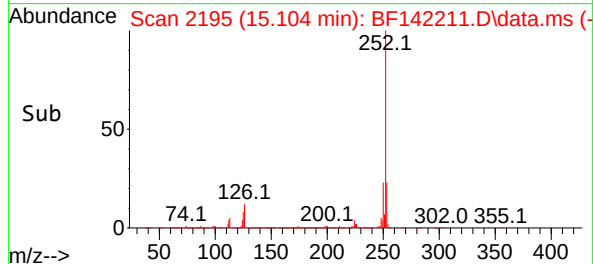
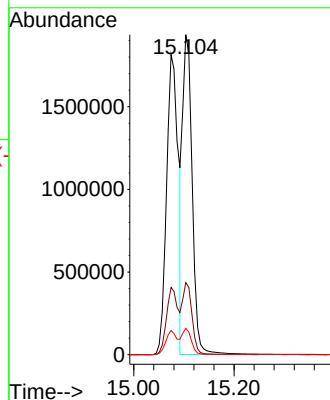
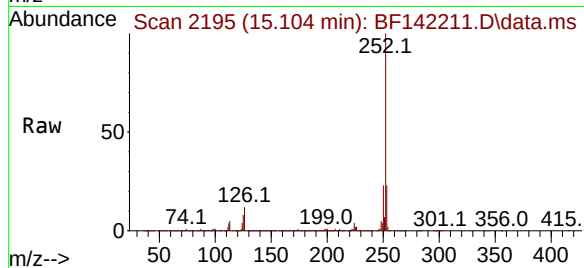
Tgt Ion:252 Resp: 2588845

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 8.2 6.6 10.0



#90

Benzo(a)pyrene

Concen: 48.289 ng

RT: 15.445 min Scan# 2253

Delta R.T. 0.006 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

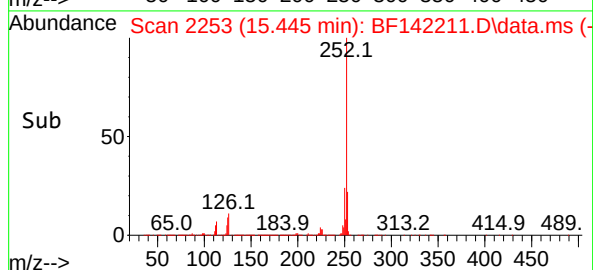
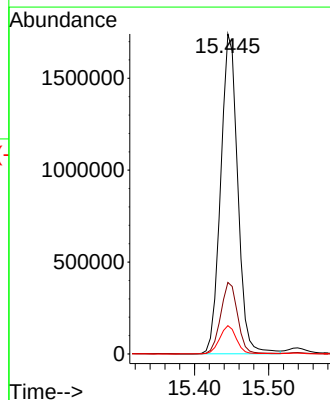
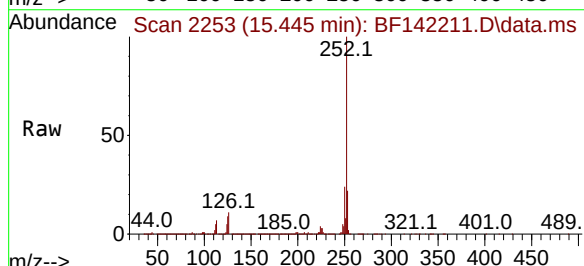
Tgt Ion:252 Resp: 2779396

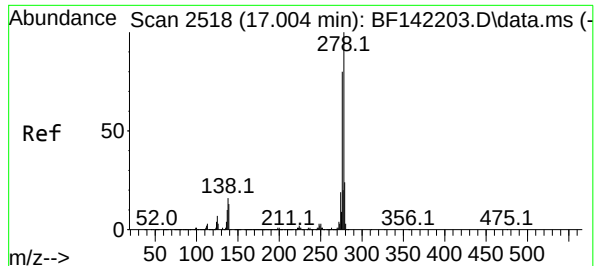
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.9 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 47.007 ng

RT: 17.021 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB167672BS

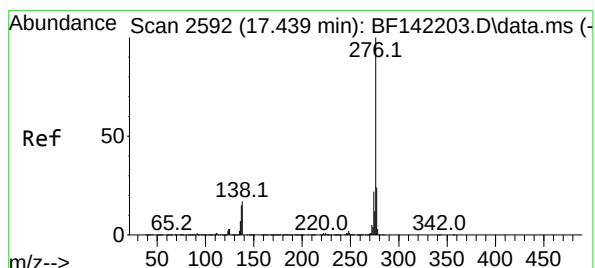
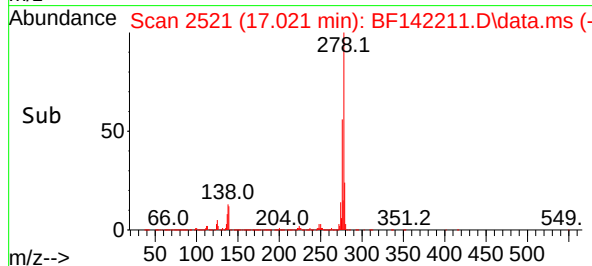
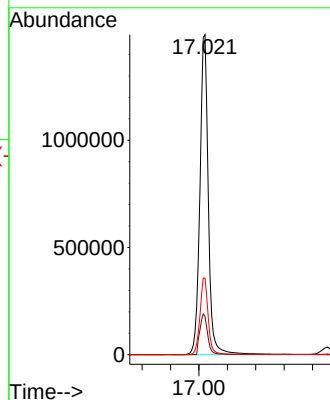
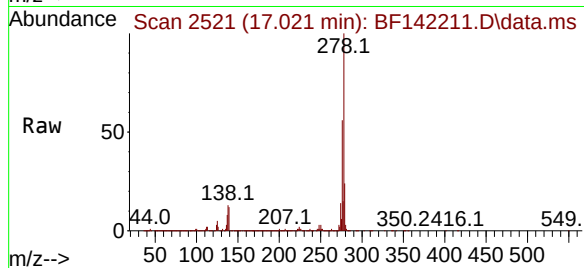
Tgt Ion:278 Resp: 3084163

Ion Ratio Lower Upper

278 100

139 12.0 10.2 15.4

279 23.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 44.290 ng

RT: 17.451 min Scan# 2594

Delta R.T. 0.012 min

Lab File: BF142211.D

Acq: 22 Apr 2025 14:44

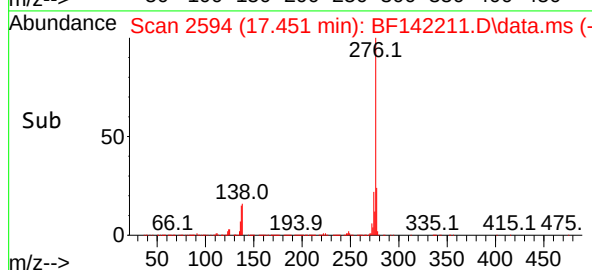
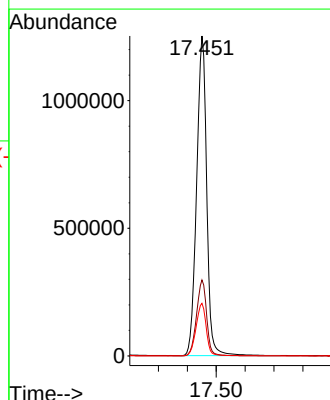
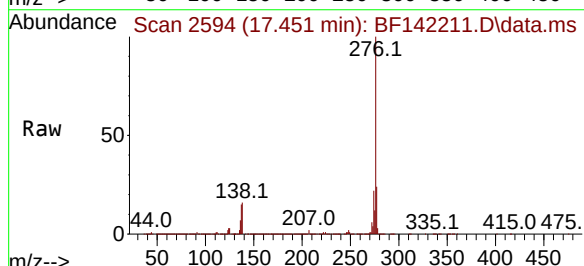
Tgt Ion:276 Resp: 3026643

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 16.4 13.4 20.2



Report of Analysis

Client:	Ardmore Chemical		Date Collected:	
Project:	PVSC Monthly 2025		Date Received:	
Client Sample ID:	PB167672BSD		SDG No.:	Q1833
Lab Sample ID:	PB167672BSD		Matrix:	Water
Analytical Method:	625.1		% 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 :	3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142212.D	1	04/21/25 08:55	04/22/25 15:13	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	48.6		0.86	10.0	ug/L
108-95-2	Phenol	48.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	48.8		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.8		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.4		1.40	5.00	ug/L
67-72-1	Hexachloroethane	50.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	47.4		0.76	5.00	ug/L
78-59-1	Isophorone	50.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	51.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	65.0		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.5		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.5		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.5		0.54	5.00	ug/L
91-20-3	Naphthalene	45.4		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.1		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	47.0		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	200	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	48.6		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.8		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	47.5		0.61	5.00	ug/L
208-96-8	Acenaphthylene	49.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	47.2		0.92	5.00	ug/L
83-32-9	Acenaphthene	51.5		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	95.8	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	50.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	47.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.9		0.68	5.00	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167672BSD	SDG No.:	Q1833
Lab Sample ID:	PB167672BSD	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142212.D	1	04/21/25 08:55	04/22/25 15:13	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	46.4		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.8		0.58	5.00	ug/L
103-33-3	Azobenzene	46.4		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	47.4		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	46.6		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	96.4	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	48.4		0.50	5.00	ug/L
120-12-7	Anthracene	49.8		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.8		1.20	5.00	ug/L
206-44-0	Fluoranthene	44.5		0.82	5.00	ug/L
92-87-5	Benzidine	50.7		4.30	10.0	ug/L
129-00-0	Pyrene	50.0		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	59.0		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	19.2		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.8		0.45	5.00	ug/L
218-01-9	Chrysene	48.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	59.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	62.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	49.5		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	43.4		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	51.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.2		0.69	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	90.5	60 - 140	90%	SPK: 100
13127-88-3	Phenol-d6	89.9	60 - 140	90%	SPK: 100
4165-60-0	Nitrobenzene-d5	93.5	60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.2	60 - 140	88%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167672BSD	SDG No.:	Q1833
Lab Sample ID:	PB167672BSD	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142212.D	1	04/21/25 08:55	04/22/25 15:13	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.8		60 - 140	91%	SPK: 100
1718-51-0	Terphenyl-d14	96.8		60 - 140	97%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	442000	6.869
1146-65-2	Naphthalene-d8	1720000	8.151
15067-26-2	Acenaphthene-d10	967000	9.904
1517-22-2	Phenanthrene-d10	1610000	11.392
1719-03-5	Chrysene-d12	910000	14.033
1520-96-3	Perylene-d12	1120000	15.509

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\BF042225\
 Data File : BF142212.D
 Acq On : 22 Apr 2025 15:13
 Operator : RC/JU
 Sample : PB167672BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167672BSD

Quant Time: Apr 22 15:45:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	442323	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	1715608	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	967073	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1611136	20.000	ng	0.00
76) Chrysene-d12	14.033	240	909574	20.000	ng	0.00
86) Perylene-d12	15.509	264	1121405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2134167	90.459	ng	0.02
7) Phenol-d6	6.498	99	2656943	89.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	2553798	93.486	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	1200976	90.829	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5232587	88.191	ng	0.00
79) Terphenyl-d14	12.974	244	5253181	96.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	358880	37.475	ng	97
3) Pyridine	3.469	79	953931	45.893	ng	99
4) n-Nitrosodimethylamine	3.422	42	410384	48.624	ng	# 97
6) Aniline	6.528	93	1108898	40.646	ng	# 88
8) 2-Chlorophenol	6.651	128	1319027	48.843	ng	98
9) Benzaldehyde	6.416	77	645187	39.773	ng	99
10) Phenol	6.510	94	1514821	48.608	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	1084036	46.127	ng	99
12) 1,3-Dichlorobenzene	6.810	146	1454111	47.516	ng	100
13) 1,4-Dichlorobenzene	6.887	146	1451561	46.248	ng	100
14) 1,2-Dichlorobenzene	7.034	146	1399109	47.917	ng	98
15) Benzyl Alcohol	7.010	79	1051306	48.800	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1088845	47.800	ng	92
17) 2-Methylphenol	7.122	107	1043285	51.330	ng	97
18) Hexachloroethane	7.381	117	534909	50.167	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	808846	48.411	ng	100
20) 3+4-Methylphenols	7.275	107	1276816	50.510	ng	91
22) Acetophenone	7.275	105	1728652	45.904	ng	96
24) Nitrobenzene	7.451	77	1282511	47.389	ng	100
25) Isophorone	7.686	82	2301056	50.181	ng	99
26) 2-Nitrophenol	7.763	139	726011	51.035	ng	95
27) 2,4-Dimethylphenol	7.804	122	1203141	65.045	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	1428156	47.454	ng	99
29) 2,4-Dichlorophenol	8.010	162	1170779	46.539	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	1337110	45.451	ng	99
31) Naphthalene	8.169	128	3678051	45.384	ng	100
32) Benzoic acid	7.928	122	726069	43.260	ng	97
33) 4-Chloroaniline	8.216	127	364711	12.428	ng	99
34) Hexachlorobutadiene	8.286	225	895789	46.140	ng	99
35) Caprolactam	8.592	113	331943m	49.463	ng	
36) 4-Chloro-3-methylphenol	8.704	107	1190880	47.026	ng	99
37) 2-Methylnaphthalene	8.863	142	2350967	41.974	ng	99
38) 1-Methylnaphthalene	8.963	142	2432087	44.847	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	1413806	44.681	ng	# 98
41) Hexachlorocyclopentadiene	9.016	237	1933489	199.269	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	897913	48.605	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142212.D
 Acq On : 22 Apr 2025 15:13
 Operator : RC/JU
 Sample : PB167672BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167672BSD

Quant Time: Apr 22 15:45:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

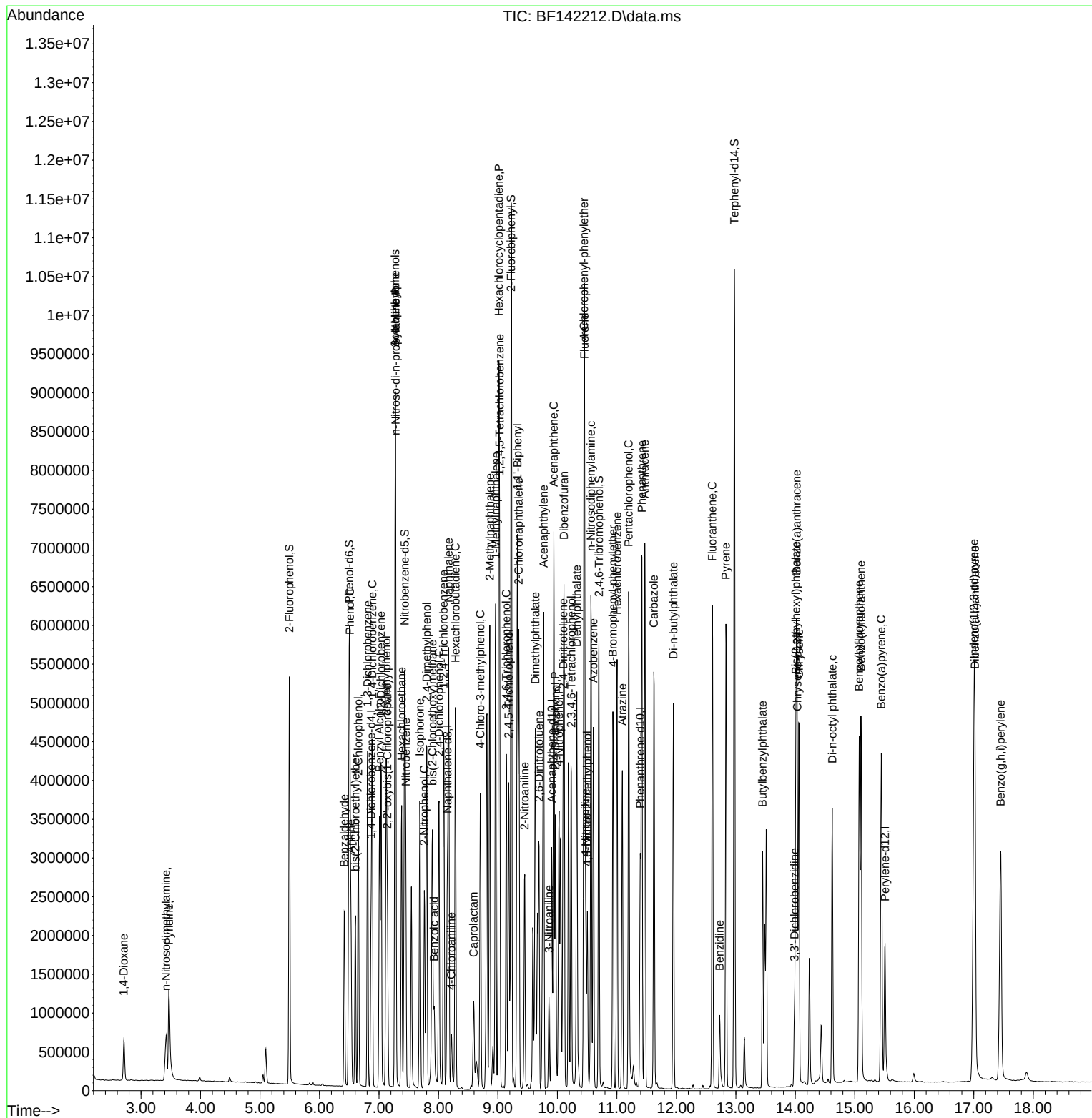
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	940526	47.498	ng	98
46) 1,1'-Biphenyl	9.328	154	3179172	45.845	ng	100
47) 2-Chloronaphthalene	9.351	162	2520398	46.824	ng	100
48) 2-Nitroaniline	9.451	65	632449	50.126	ng	97
49) Acenaphthylene	9.769	152	3766987	49.512	ng	100
50) Dimethylphthalate	9.628	163	2947852	47.542	ng	100
51) 2,6-Dinitrotoluene	9.692	165	656963	47.192	ng	98
52) Acenaphthene	9.939	154	2825820m	51.541	ng	
53) 3-Nitroaniline	9.857	138	280708	21.045	ng	91
54) 2,4-Dinitrophenol	9.969	184	798731	117.147	ng	97
55) Dibenzofuran	10.110	168	3428638	44.607	ng	98
56) 4-Nitrophenol	10.027	139	935141	95.841	ng	96
57) 2,4-Dinitrotoluene	10.098	165	910889	50.661	ng	95
58) Fluorene	10.457	166	2759497	46.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	843628	47.654	ng	99
60) Diethylphthalate	10.327	149	2750816	47.510	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1503086	45.912	ng	99
62) 4-Nitroaniline	10.475	138	574789	45.336	ng	94
63) Azobenzene	10.604	77	2340482	46.423	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	523681	55.684	ng	97
66) n-Nitrosodiphenylamine	10.563	169	2408498	48.776	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1004102	47.389	ng	96
68) Hexachlorobenzene	11.004	284	1175895	46.635	ng	99
69) Atrazine	11.092	200	828105	68.721	ng	98
70) Pentachlorophenol	11.198	266	1240177	96.413	ng	99
71) Phenanthrene	11.422	178	3869590	48.366	ng	100
72) Anthracene	11.469	178	3983737	49.798	ng	100
73) Carbazole	11.621	167	3262787	46.685	ng	99
74) Di-n-butylphthalate	11.951	149	3600759	49.778	ng	100
75) Fluoranthene	12.604	202	3701689	44.510	ng	99
77) Benzidine	12.727	184	594934	50.686	ng	100
78) Pyrene	12.833	202	3608456	49.951	ng	100
80) Butylbenzylphthalate	13.451	149	1030935	58.960	ng	99
81) Benzo(a)anthracene	14.021	228	2686778	48.770	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	315378	19.224	ng	99
83) Chrysene	14.063	228	2566006	48.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1379037	58.953	ng	99
85) Di-n-octyl phthalate	14.621	149	2587646	62.457	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	3903112	49.608	ng	100
88) Benzo(b)fluoranthene	15.074	252	3111306	49.453	ng	100
89) Benzo(k)fluoranthene	15.104	252	2694376	43.360	ng	99
90) Benzo(a)pyrene	15.445	252	2907359	51.636	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	3197610	49.821	ng	99
92) Benzo(g,h,i)perylene	17.451	276	3152960	47.166	ng	100

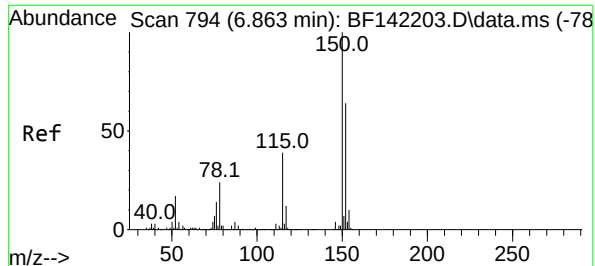
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142212.D
Acq On : 22 Apr 2025 15:13
Operator : RC/JU
Sample : PB167672BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167672BSD

Quant Time: Apr 22 15:45:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 02:14:30 2025
Response via : Initial Calibration

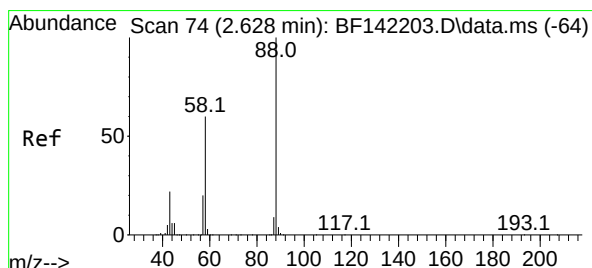
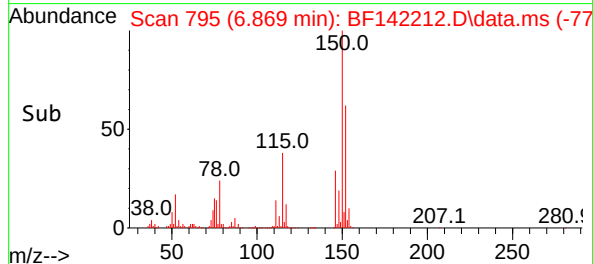
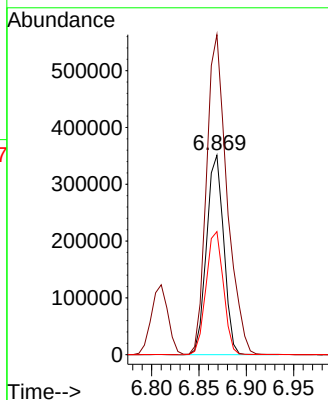
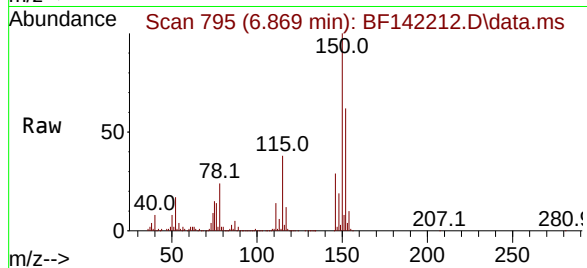




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13

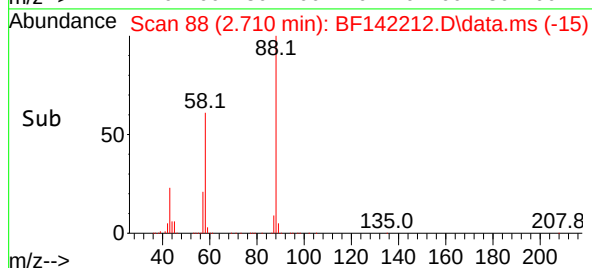
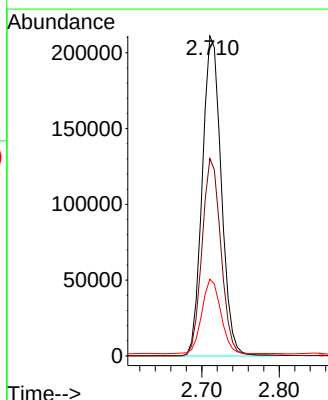
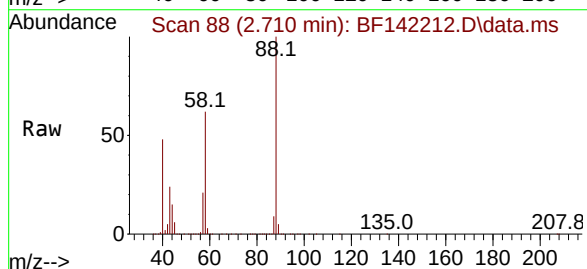
Instrument :
 BNA_F
 ClientSampleId :
 PB167672BSD

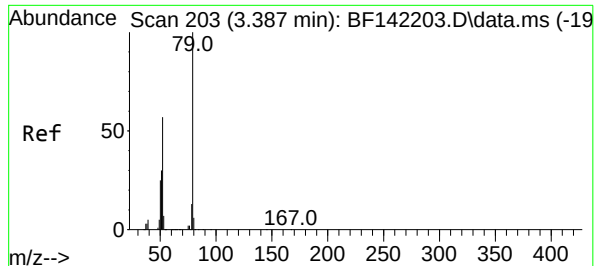
Tgt Ion:152 Resp: 442323
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.4 189.6
 115 61.7 49.4 74.2



#2
 1,4-Dioxane
 Concen: 37.475 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.082 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13

Tgt Ion: 88 Resp: 358880
 Ion Ratio Lower Upper
 88 100
 58 61.5 47.8 71.6
 43 23.9 17.8 26.8

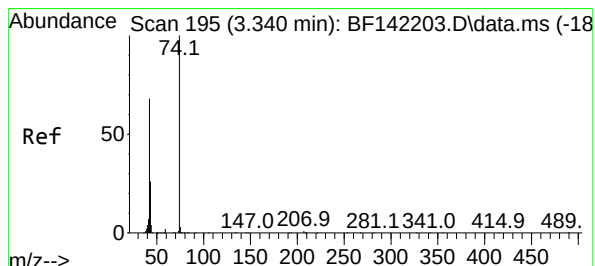
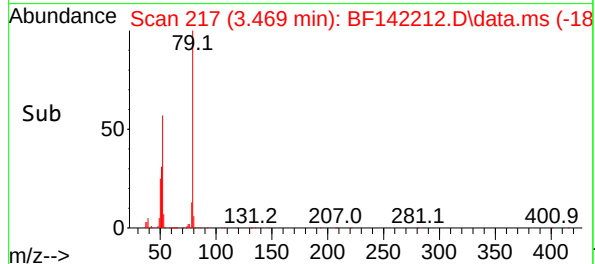
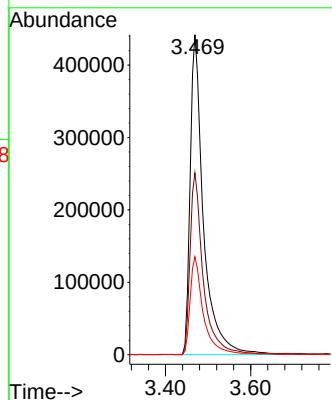
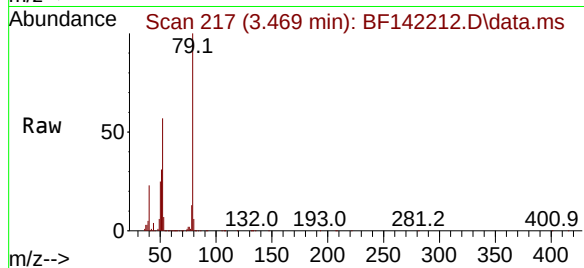




#3
Pyridine
Concen: 45.893 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

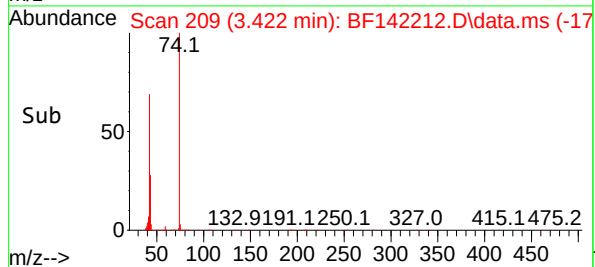
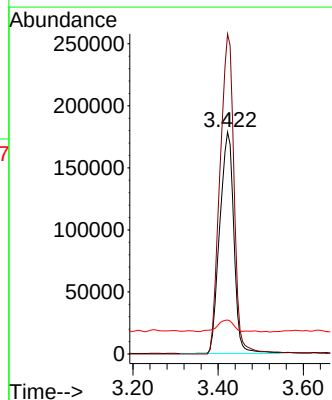
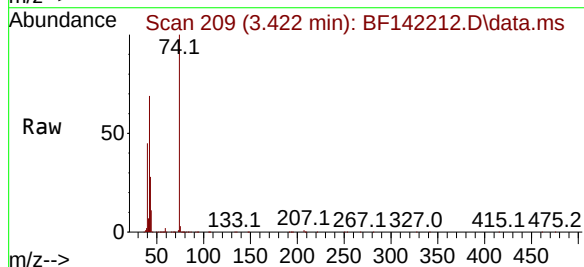
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

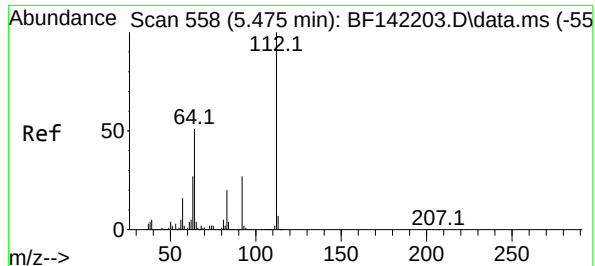
Tgt Ion: 79 Resp: 953931
Ion Ratio Lower Upper
79 100
52 56.8 45.8 68.8
51 30.6 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 48.624 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion: 42 Resp: 410384
Ion Ratio Lower Upper
42 100
74 144.2 117.4 176.0
44 15.3 9.5 14.3





#5

2-Fluorophenol

Concen: 90.459 ng

RT: 5.492 min Scan# 5

Delta R.T. 0.018 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

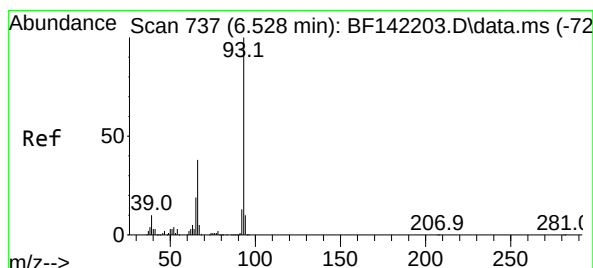
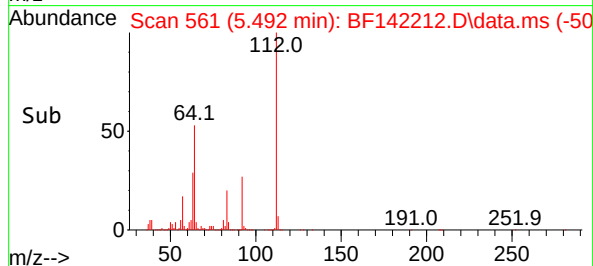
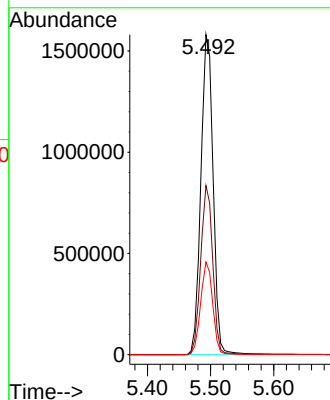
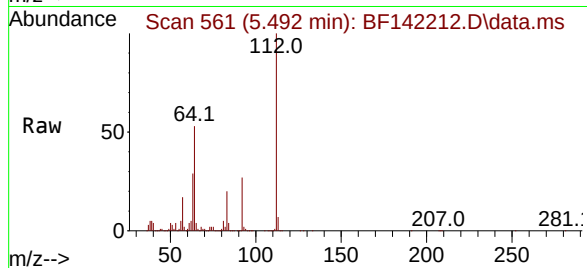
Tgt Ion:112 Resp: 2134167

Ion Ratio Lower Upper

112 100

64 52.9 40.9 61.3

63 28.9 22.0 33.0



#6

Aniline

Concen: 40.646 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

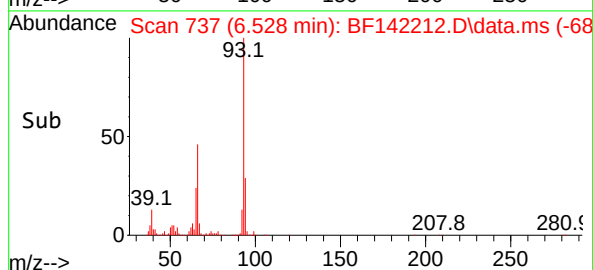
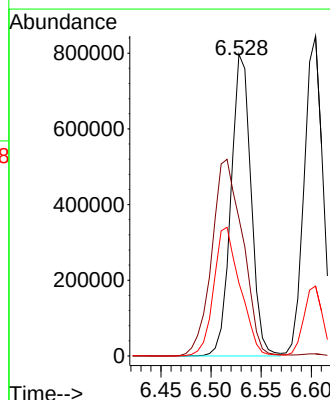
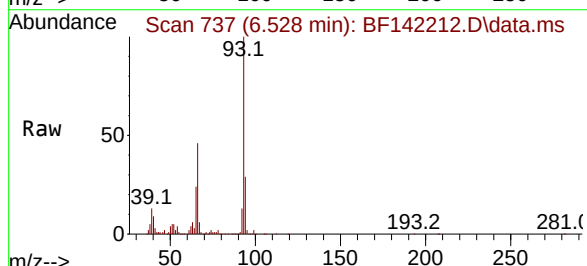
Tgt Ion: 93 Resp: 1108898

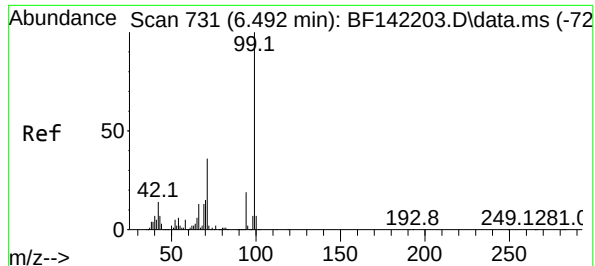
Ion Ratio Lower Upper

93 100

66 45.7 30.9 46.3

65 24.2 15.1 22.7#

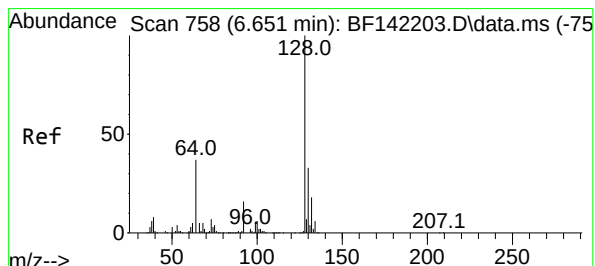
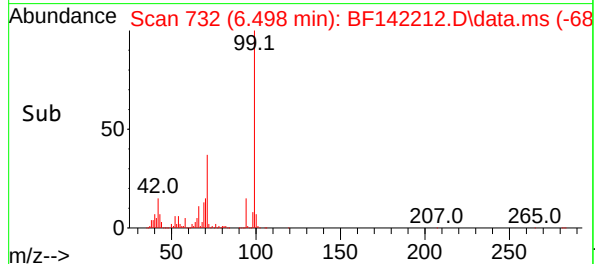
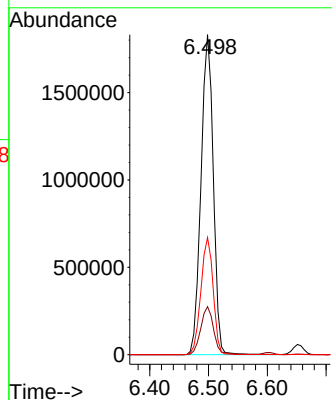
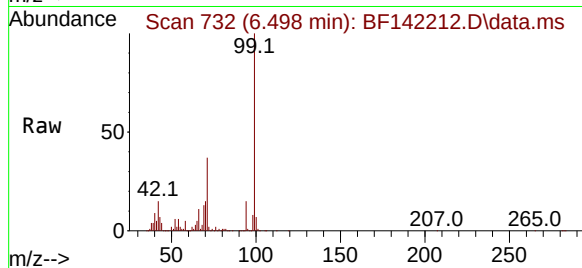




#7
Phenol-d6
Concen: 89.925 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

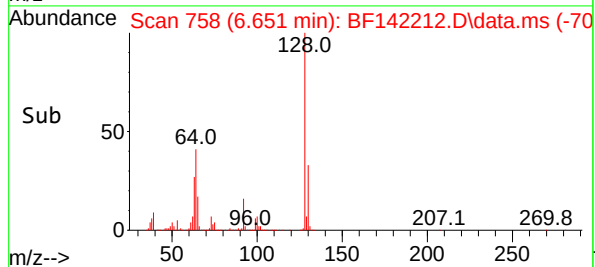
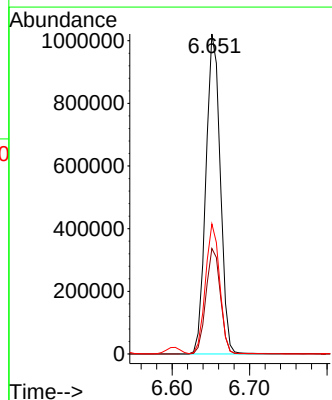
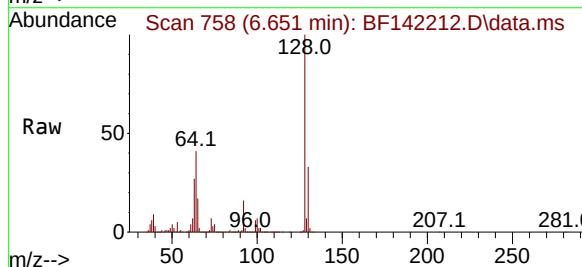
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

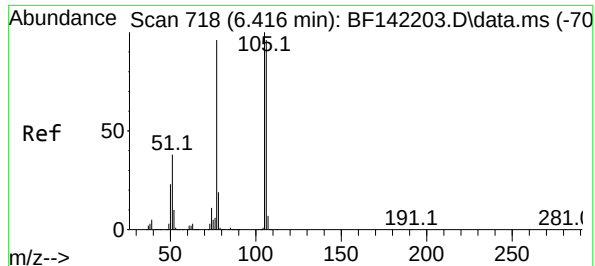
Tgt Ion: 99 Resp: 2656943
Ion Ratio Lower Upper
99 100
42 15.0 11.5 17.3
71 36.6 28.6 42.8



#8
2-Chlorophenol
Concen: 48.843 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion: 128 Resp: 1319027
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 40.6 18.8 58.8





#9

Benzaldehyde

Concen: 39.773 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

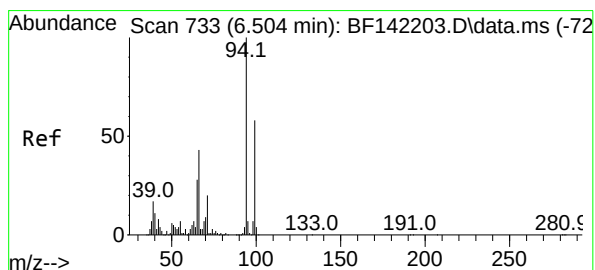
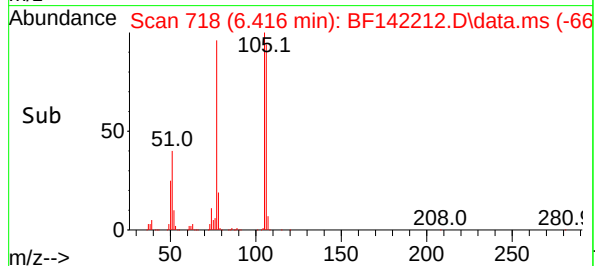
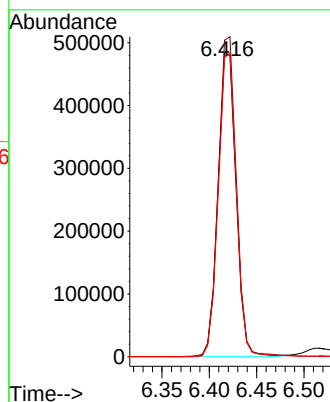
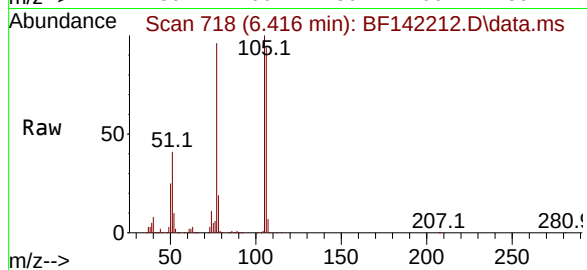
BNA_F

ClientSampleId :

PB167672BSD

Tgt Ion: 77 Resp: 645187

Ion	Ratio	Lower	Upper
77	100		
105	103.9	84.4	124.4
106	98.1	80.3	120.3



#10

Phenol

Concen: 48.608 ng

RT: 6.510 min Scan# 734

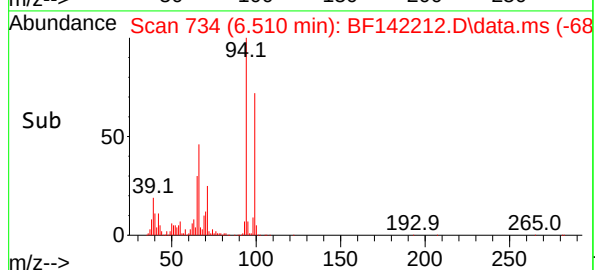
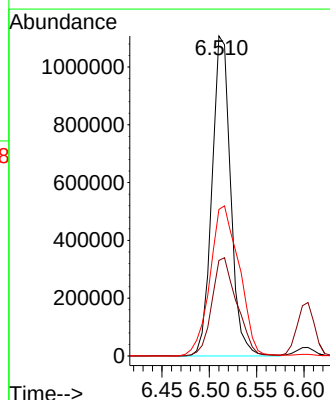
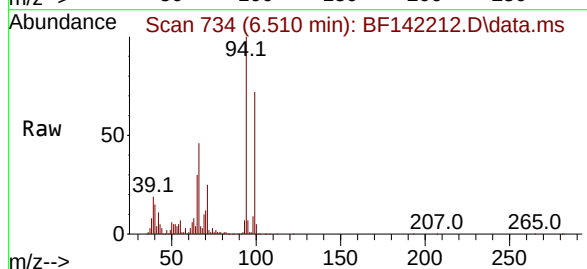
Delta R.T. 0.006 min

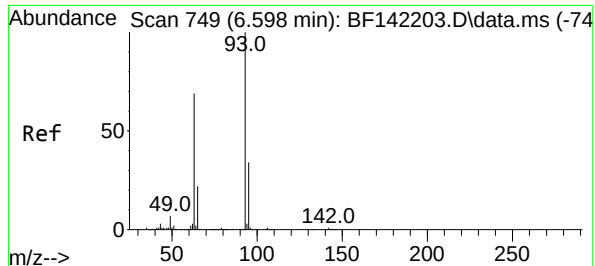
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion: 94 Resp: 1514821

Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.1	48.1
66	45.8	22.7	62.7

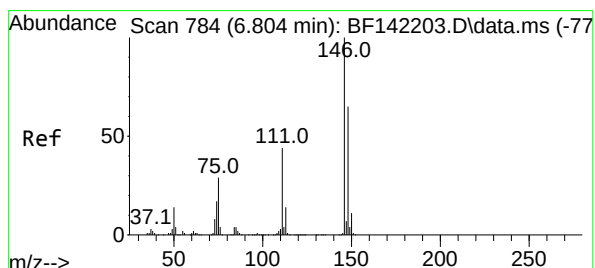
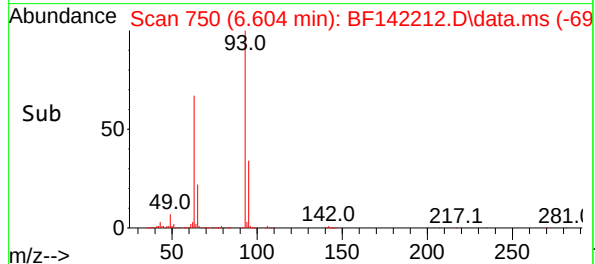
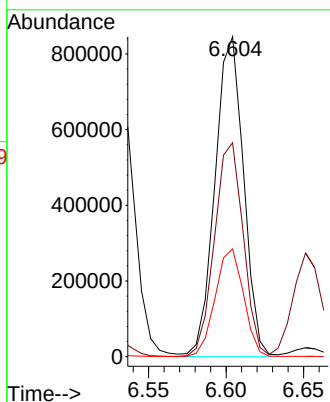
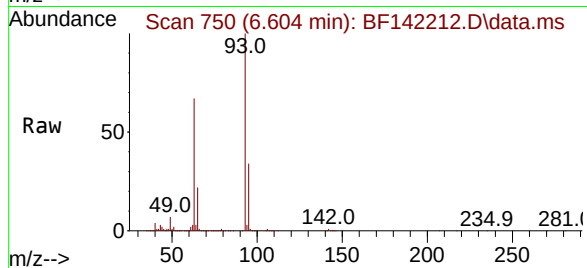




#11
bis(2-Chloroethyl)ether
Concen: 46.127 ng
RT: 6.604 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

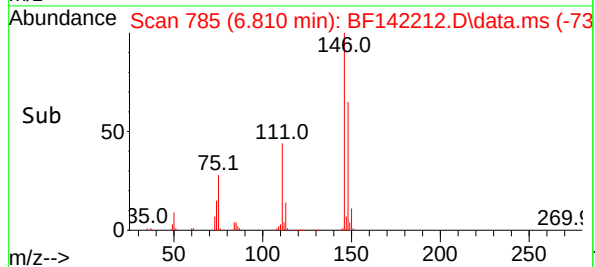
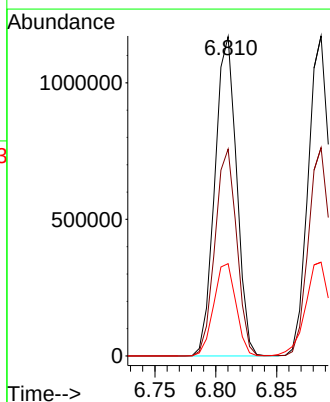
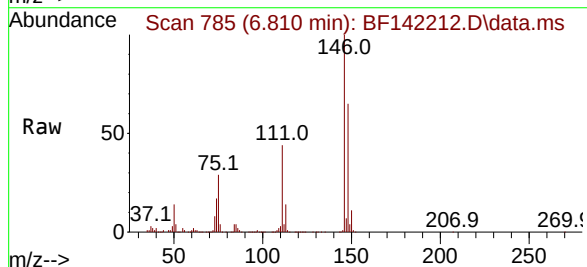
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

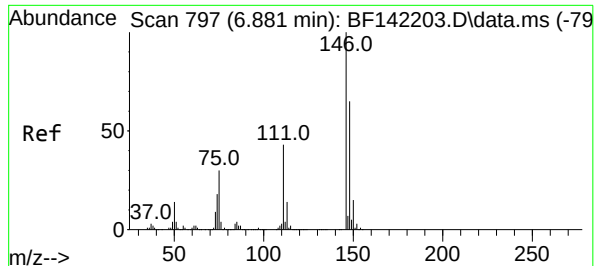
Tgt Ion: 93 Resp: 1084036
Ion Ratio Lower Upper
93 100
63 66.8 47.9 87.9
95 33.7 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 47.516 ng
RT: 6.810 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion: 146 Resp: 1454111
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
75 28.9 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 46.248 ng

RT: 6.887 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

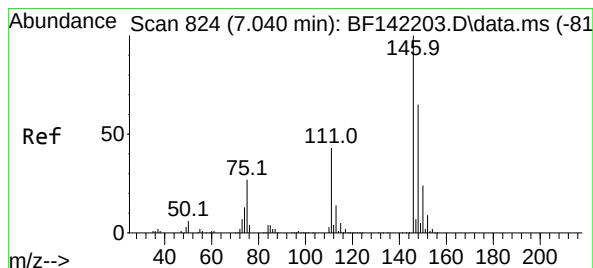
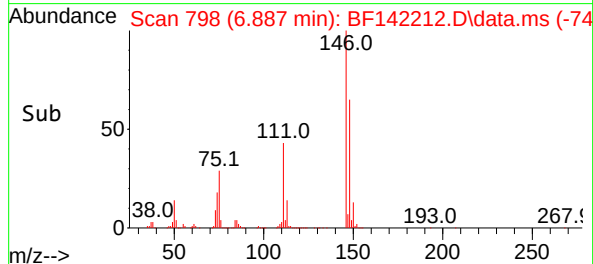
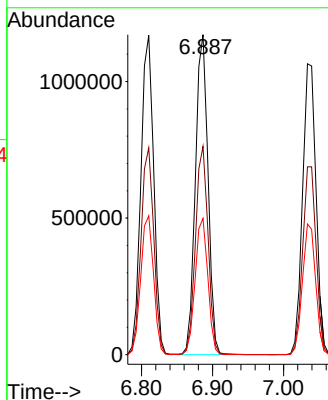
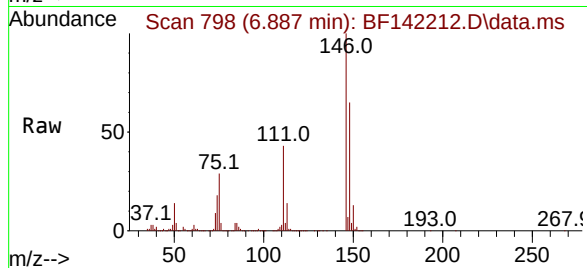
Tgt Ion:146 Resp: 1451561

Ion Ratio Lower Upper

146 100

148 65.1 52.4 78.6

111 42.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 47.917 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

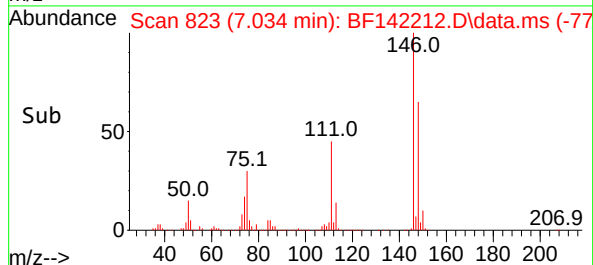
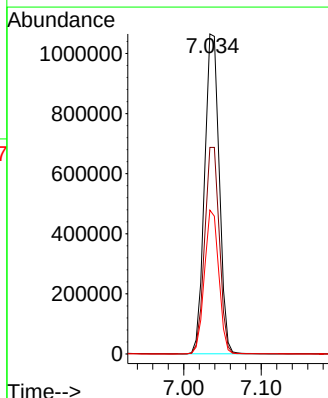
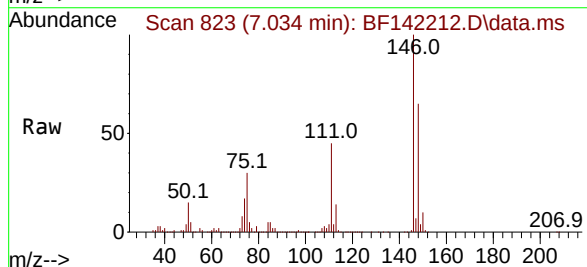
Tgt Ion:146 Resp: 1399109

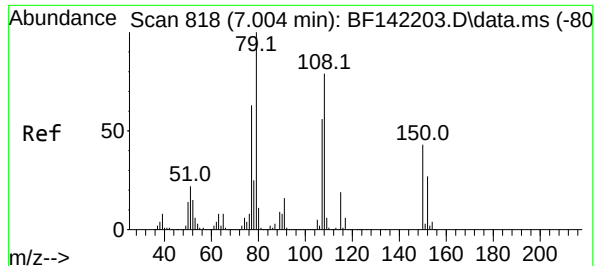
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

111 45.0 34.2 51.4





#15

Benzyl Alcohol

Concen: 48.800 ng

RT: 7.010 min Scan# 818

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

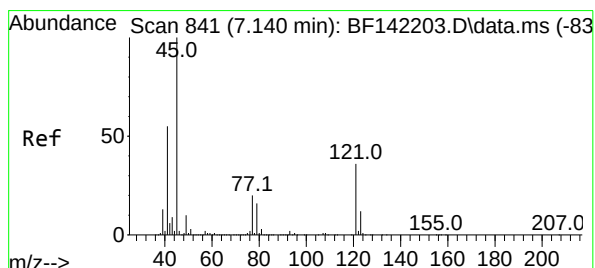
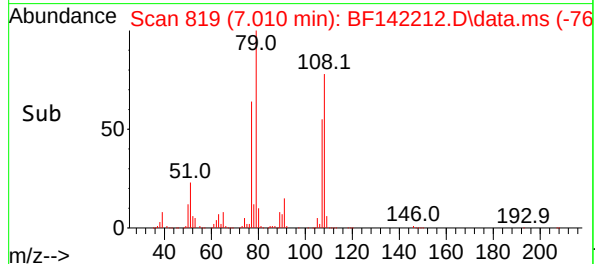
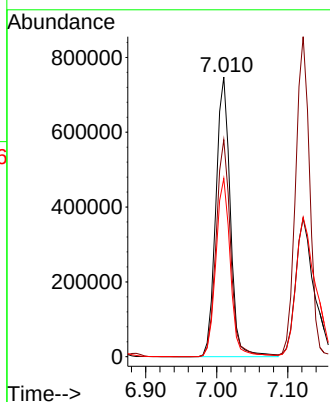
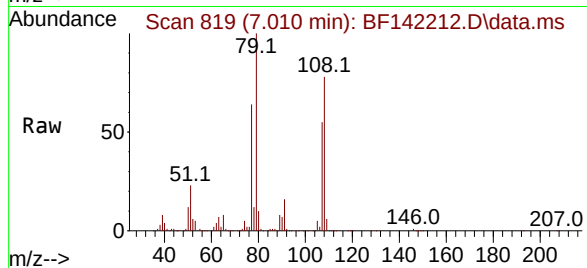
BNA_F

ClientSampleId :

PB167672BSD

Tgt Ion: 79 Resp: 1051306

Ion	Ratio	Lower	Upper
79	100		
108	77.6	63.1	94.7
77	63.7	50.6	76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.800 ng

RT: 7.139 min Scan# 841

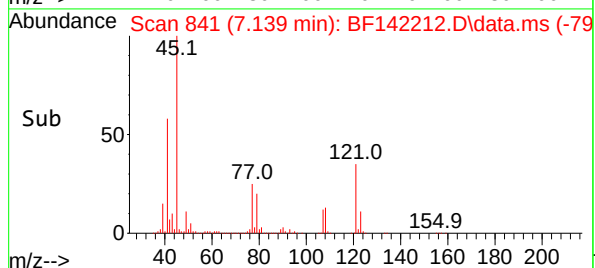
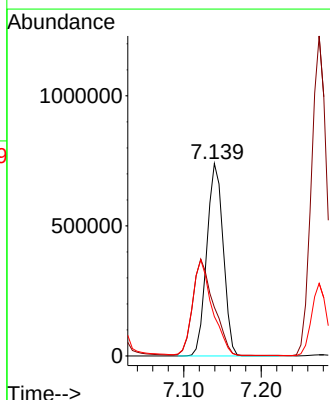
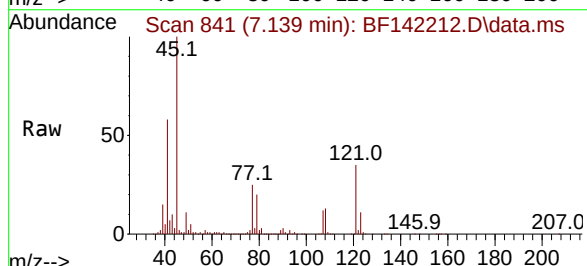
Delta R.T. -0.000 min

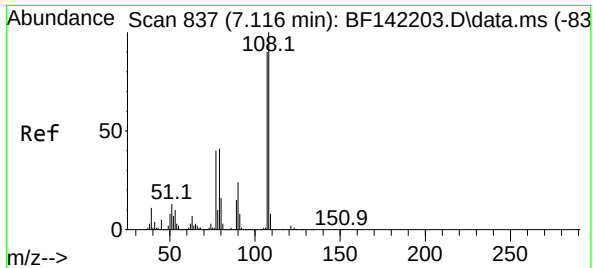
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion: 45 Resp: 1088845

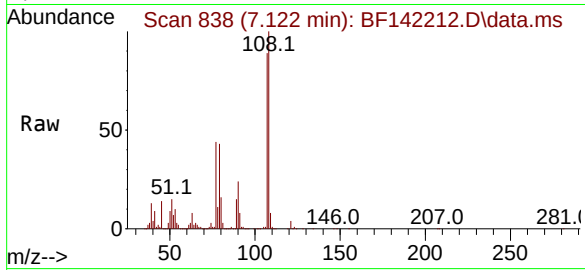
Ion	Ratio	Lower	Upper
45	100		
77	25.3	1.4	41.4
79	20.5	0.0	36.7





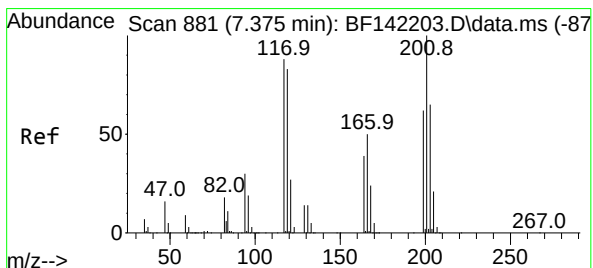
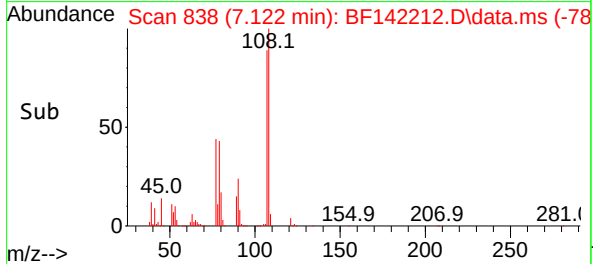
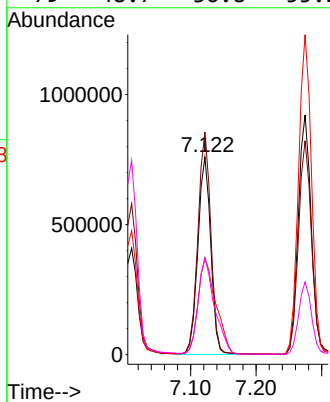
#17
2-Methylphenol
Concen: 51.330 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Instrument :
BNA_F
ClientSampleId :
PB167672BSD



Tgt Ion:107 Resp: 1043285

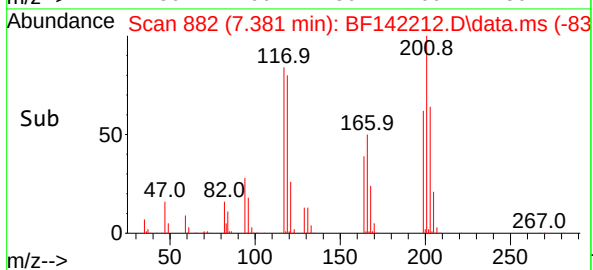
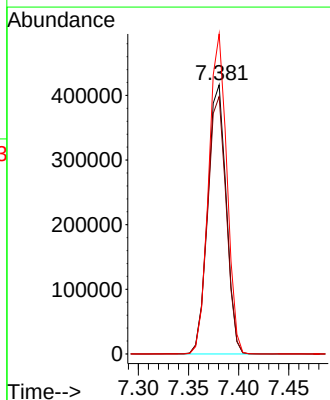
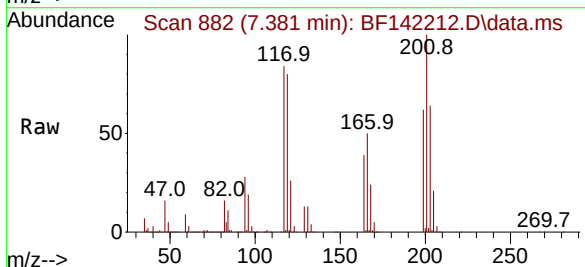
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.4	134.2
77	49.0	36.3	54.5
79	48.7	36.8	55.2

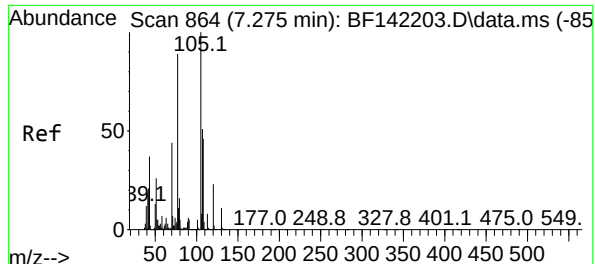


#18
Hexachloroethane
Concen: 50.167 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:117 Resp: 534909

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	118.9	91.4	137.0





#19

n-Nitroso-di-n-propylamine

Concen: 48.411 ng

RT: 7.281 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF142212.D

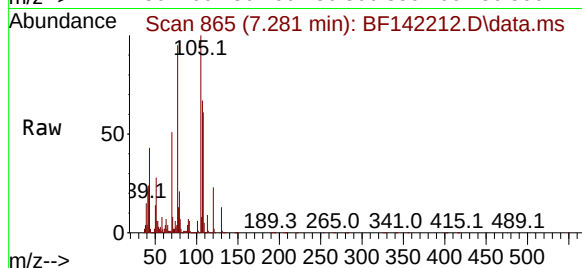
Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD



Tgt Ion: 70 Resp: 808846

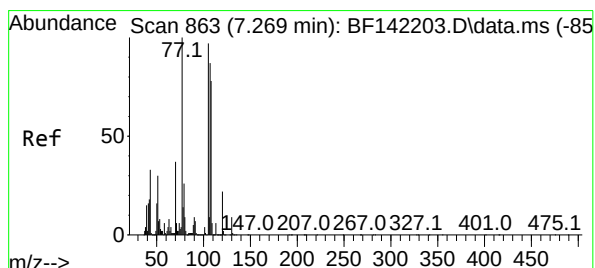
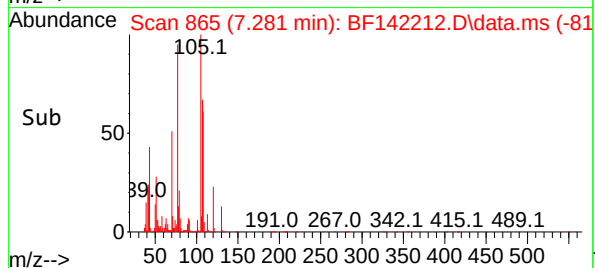
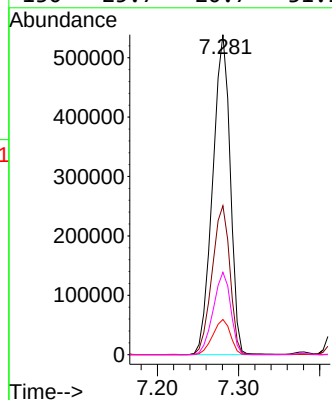
Ion Ratio Lower Upper

70 100

42 46.6 37.4 56.0

101 11.0 8.6 13.0

130 25.7 20.7 31.1



#20

3+4-Methylphenols

Concen: 50.510 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion: 107 Resp: 1276816

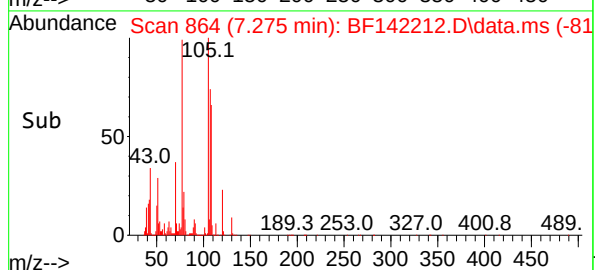
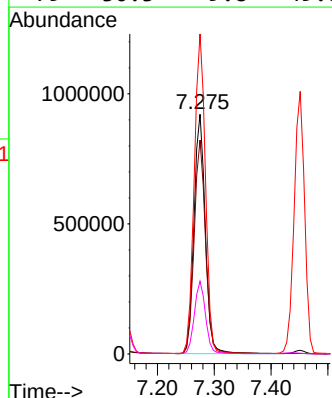
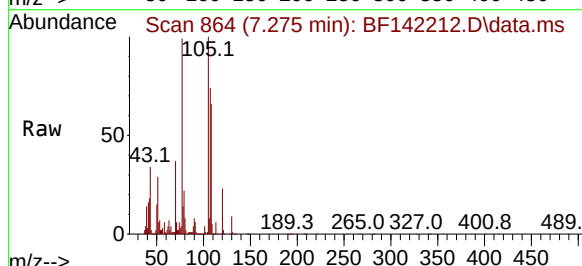
Ion Ratio Lower Upper

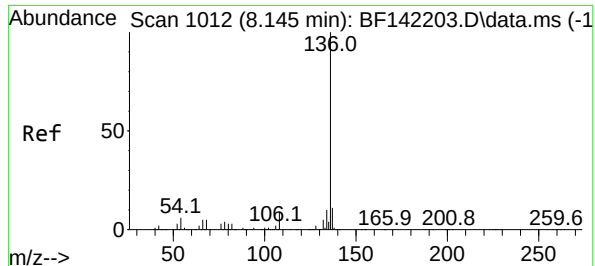
107 100

108 89.2 69.8 109.8

77 133.5 94.5 134.5

79 30.3 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1012

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

Tgt Ion:136 Resp: 1715608

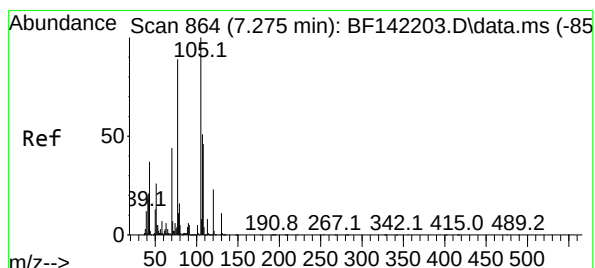
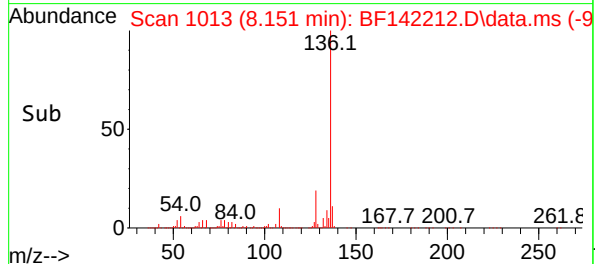
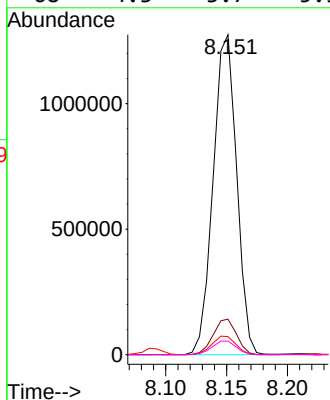
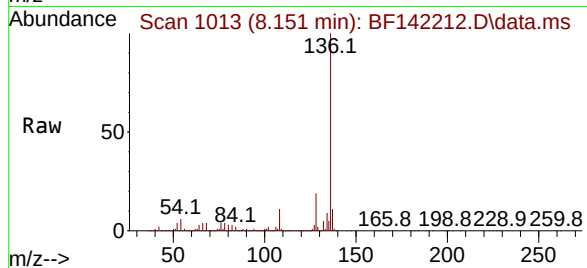
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.7 4.7 7.1

68 4.3 3.7 5.5



#22

Acetophenone

Concen: 45.904 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion:105 Resp: 1728652

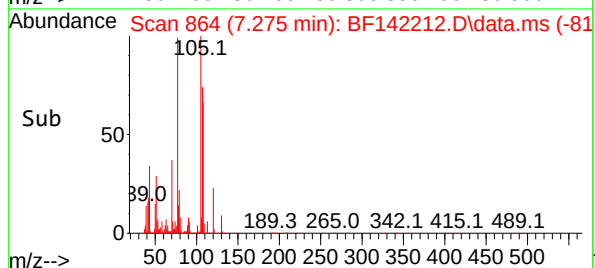
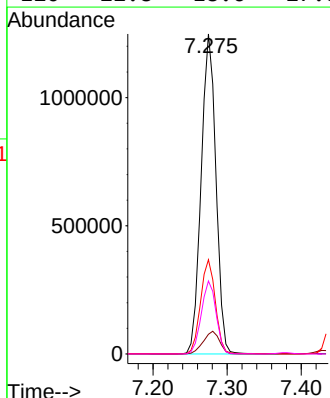
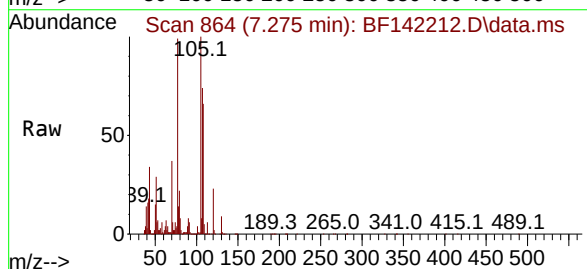
Ion Ratio Lower Upper

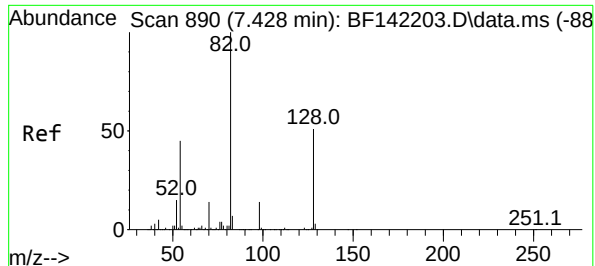
105 100

71 6.2 5.8 8.8

51 29.5 20.9 31.3

120 22.8 18.6 27.8





#23

Nitrobenzene-d5

Concen: 93.486 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

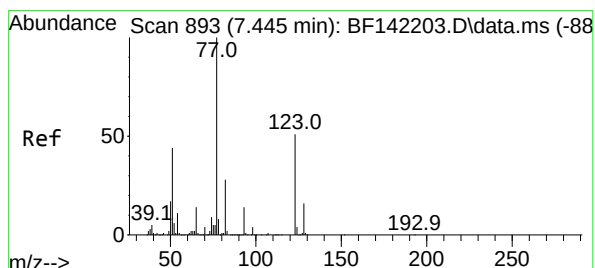
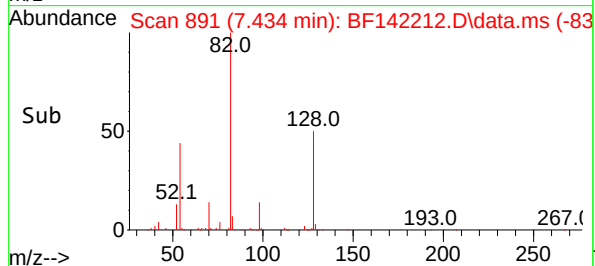
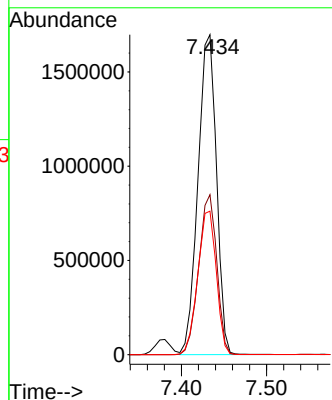
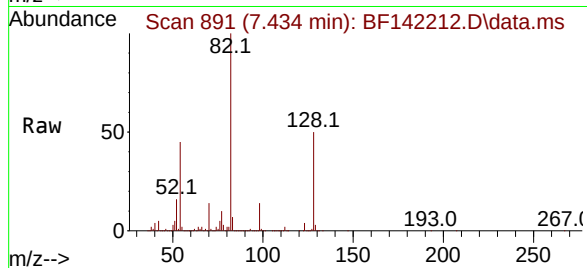
BNA_F

ClientSampleId :

PB167672BSD

Tgt Ion: 82 Resp: 2553798

Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.2	60.2
54	44.9	35.5	53.3



#24

Nitrobenzene

Concen: 47.389 ng

RT: 7.451 min Scan# 894

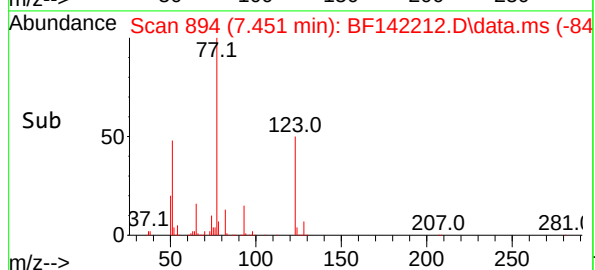
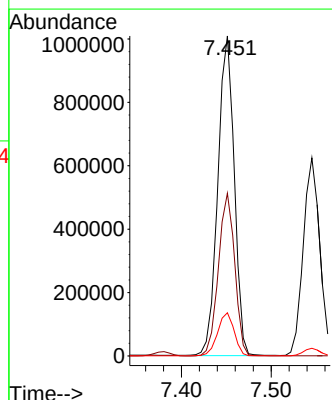
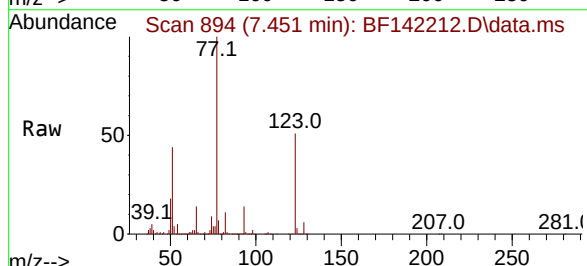
Delta R.T. 0.006 min

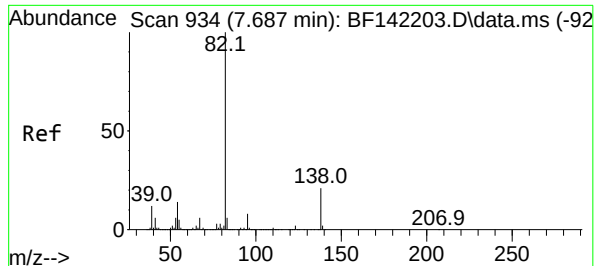
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion: 77 Resp: 1282511

Ion	Ratio	Lower	Upper
77	100		
123	50.8	40.7	61.1
65	13.5	10.9	16.3





#25

Isophorone

Concen: 50.181 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

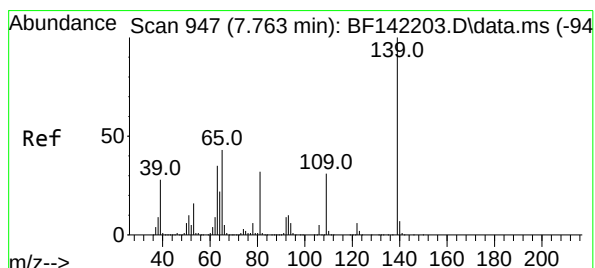
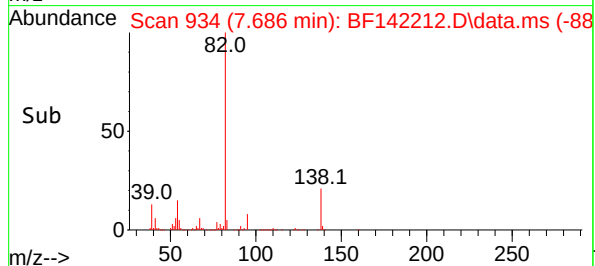
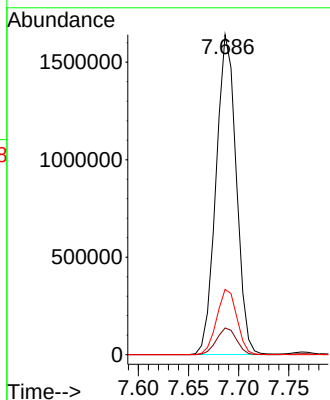
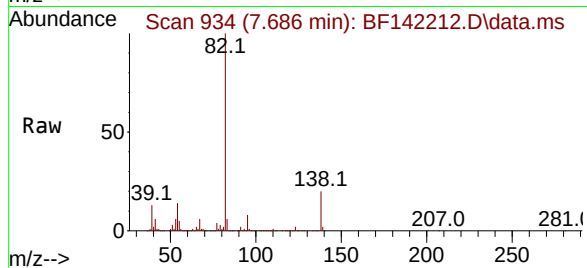
Tgt Ion: 82 Resp: 2301056

Ion Ratio Lower Upper

82 100

95 8.3 6.5 9.7

138 20.4 16.9 25.3



#26

2-Nitrophenol

Concen: 51.035 ng

RT: 7.763 min Scan# 947

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

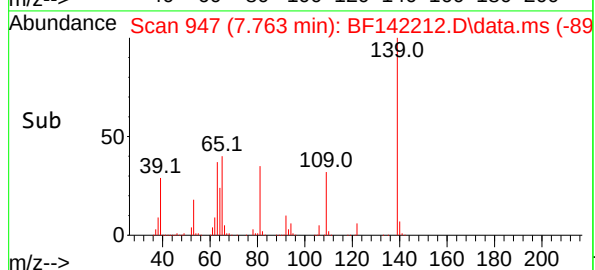
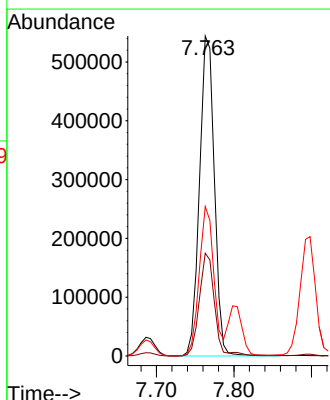
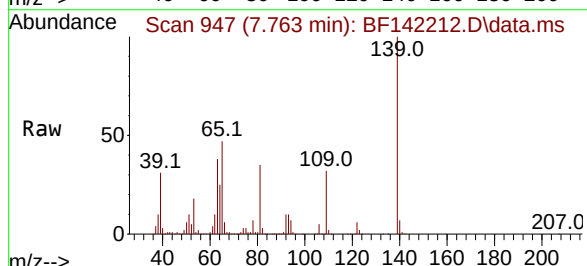
Tgt Ion: 139 Resp: 726011

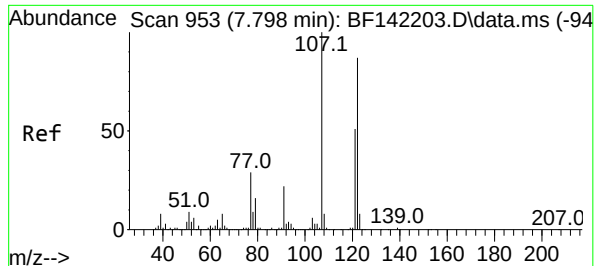
Ion Ratio Lower Upper

139 100

109 32.1 24.4 36.6

65 46.7 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 65.045 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

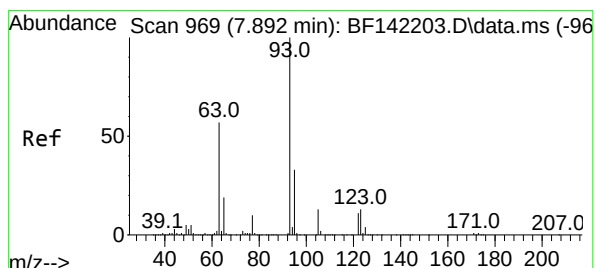
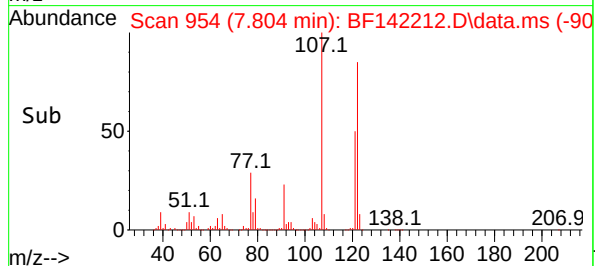
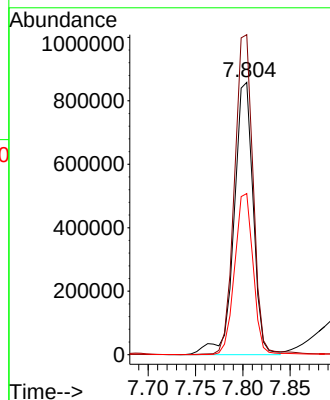
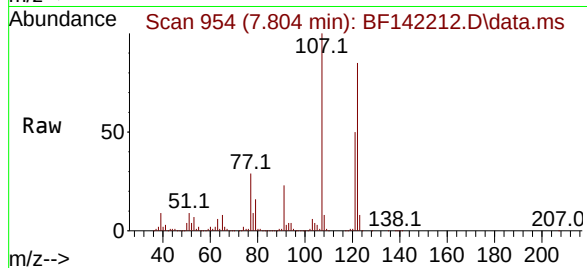
Tgt Ion:122 Resp: 1203141

Ion Ratio Lower Upper

122 100

107 117.5 91.6 137.4

121 59.1 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.454 ng

RT: 7.898 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

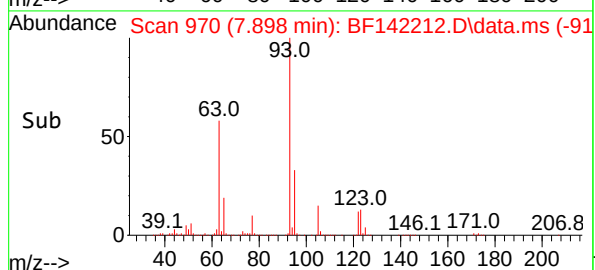
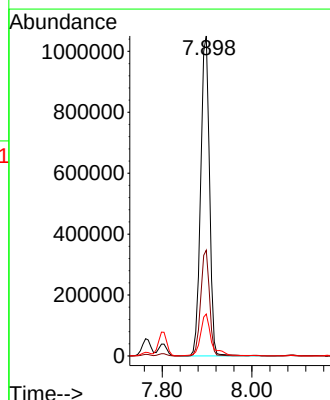
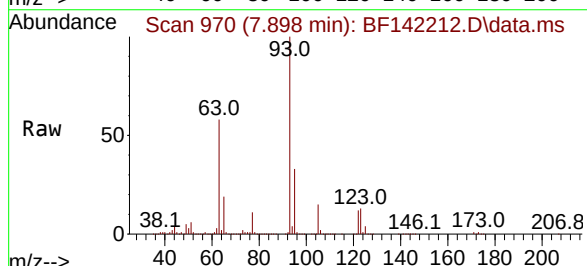
Tgt Ion: 93 Resp: 1428156

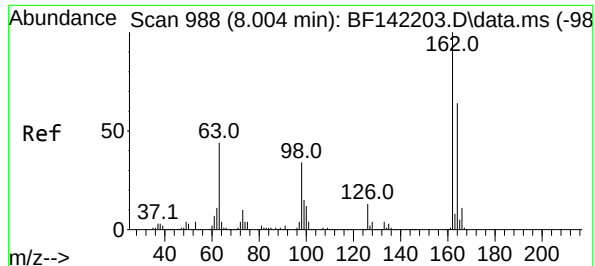
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 13.1 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 46.539 ng

RT: 8.010 min Scan# 988

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

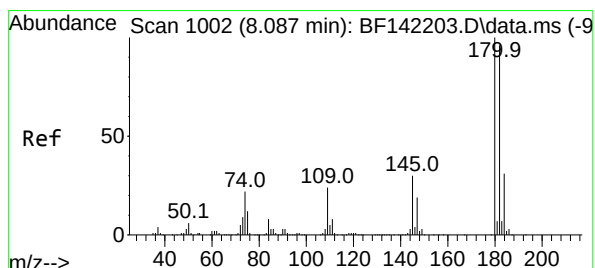
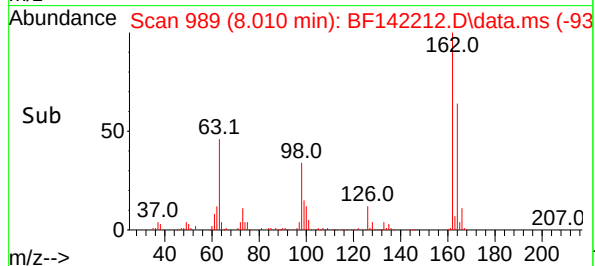
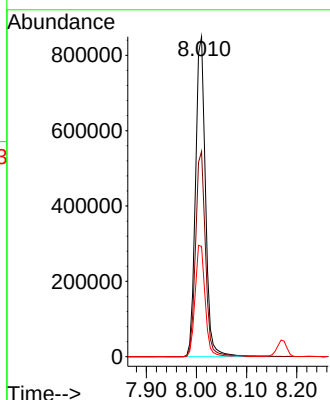
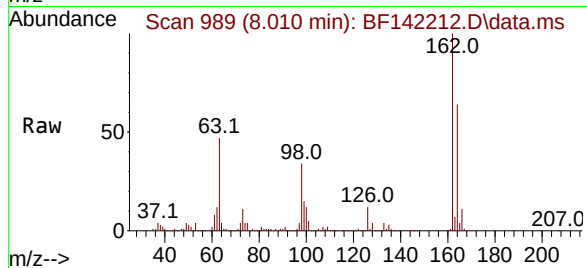
BNA_F

ClientSampleId :

PB167672BSD

Tgt Ion:162 Resp: 1170779

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	34.4	13.8	53.8



#30

1,2,4-Trichlorobenzene

Concen: 45.451 ng

RT: 8.086 min Scan# 1002

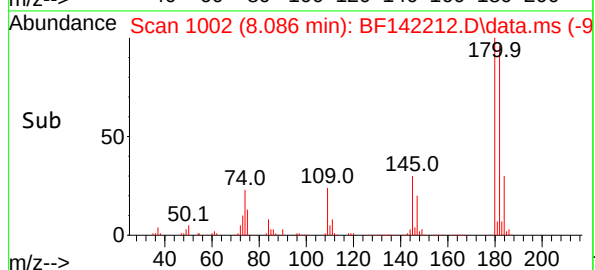
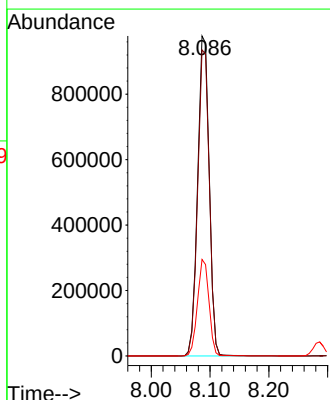
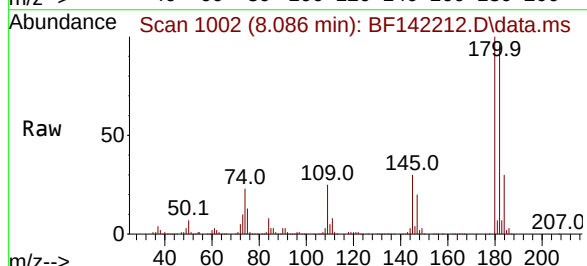
Delta R.T. -0.000 min

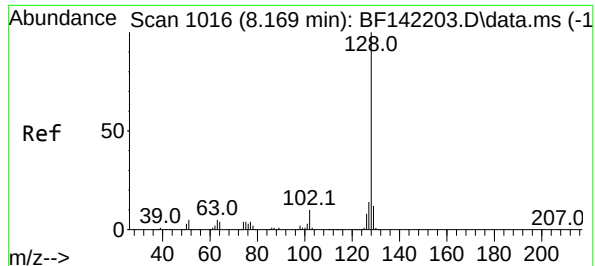
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion:180 Resp: 1337110

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.4
145	30.2	24.3	36.5





#31

Naphthalene

Concen: 45.384 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

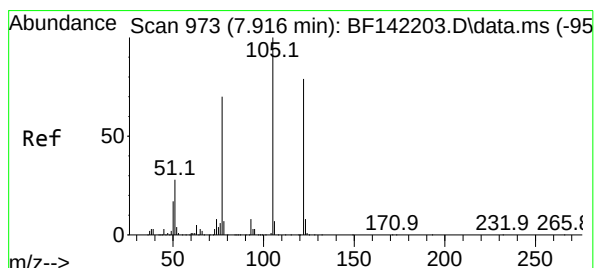
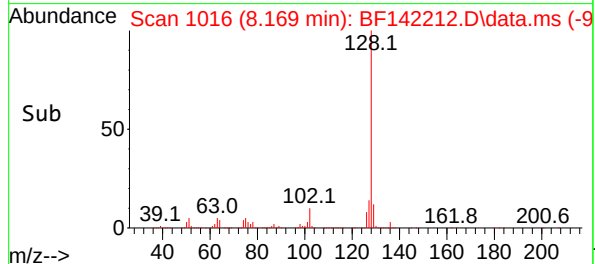
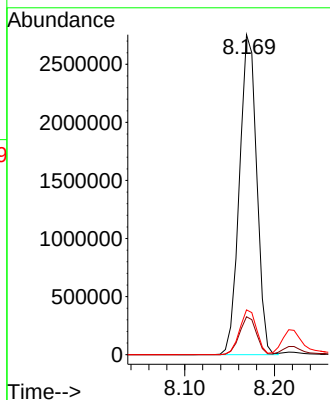
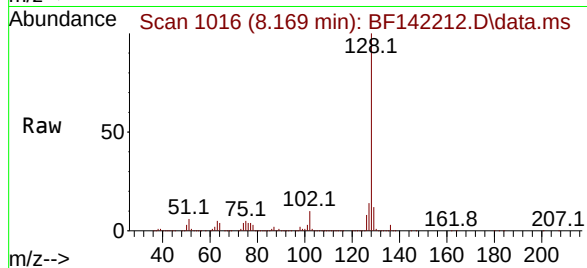
Tgt Ion:128 Resp: 3678051

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

127 14.0 11.4 17.0



#32

Benzoic acid

Concen: 43.260 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.012 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

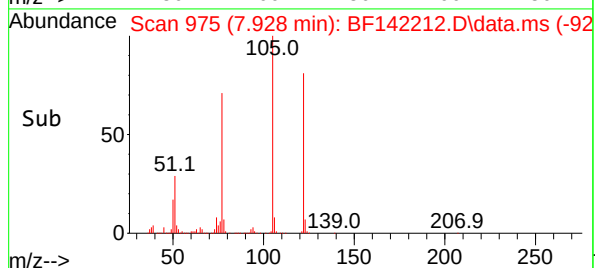
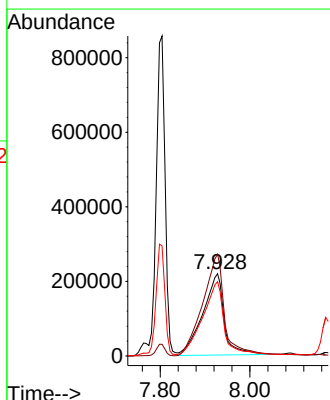
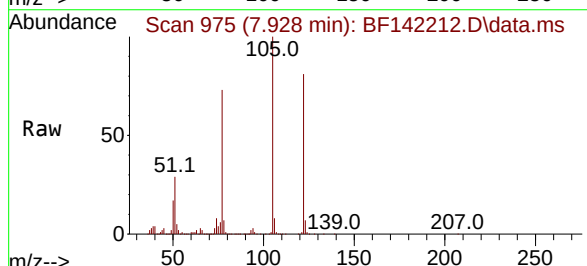
Tgt Ion:122 Resp: 726069

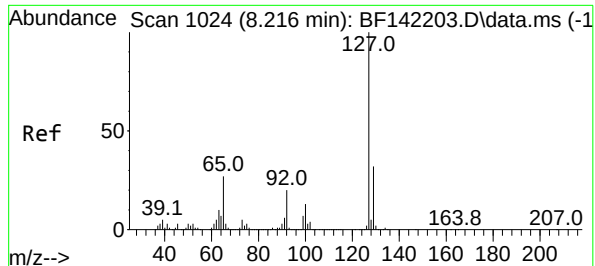
Ion Ratio Lower Upper

122 100

105 123.7 101.5 141.5

77 90.2 66.6 106.6





#33

4-Chloroaniline

Concen: 12.428 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

Tgt Ion:127 Resp: 364711

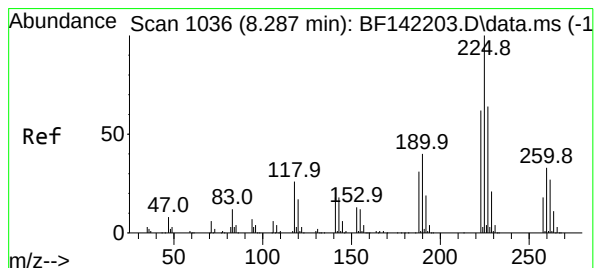
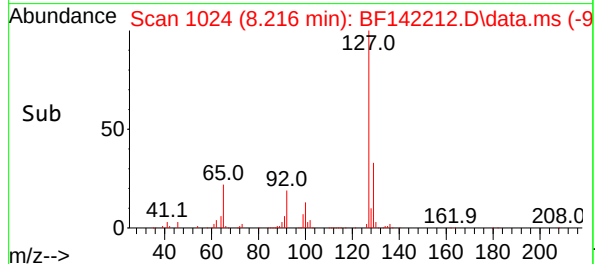
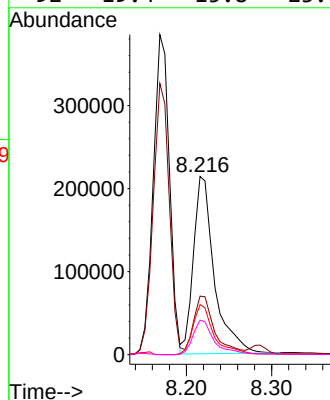
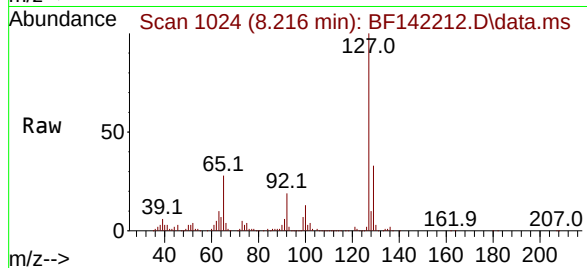
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 28.1 21.8 32.6

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 46.140 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

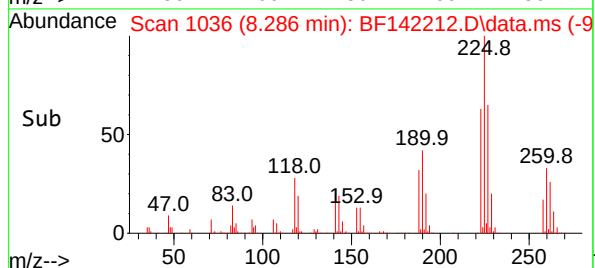
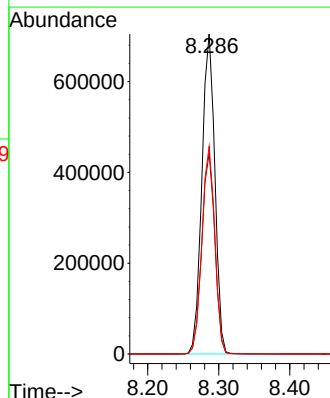
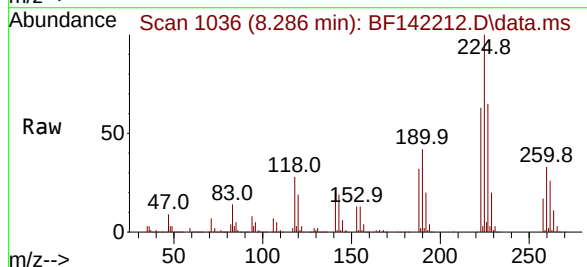
Tgt Ion:225 Resp: 895789

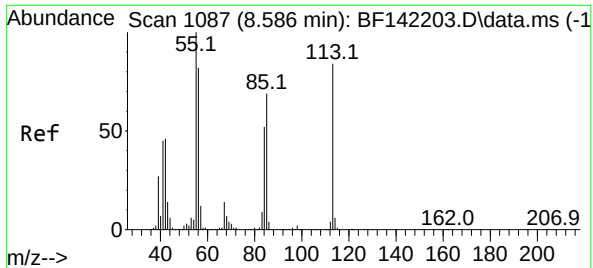
Ion Ratio Lower Upper

225 100

223 62.8 49.4 74.2

227 64.9 51.4 77.2





#35

Caprolactam

Concen: 49.463 ng m

RT: 8.592 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

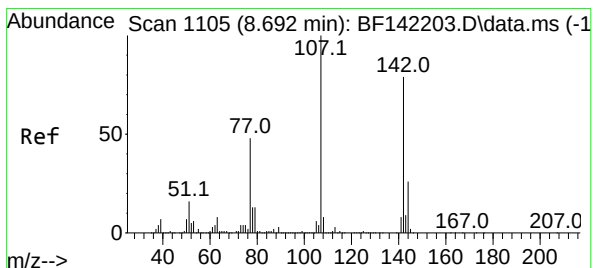
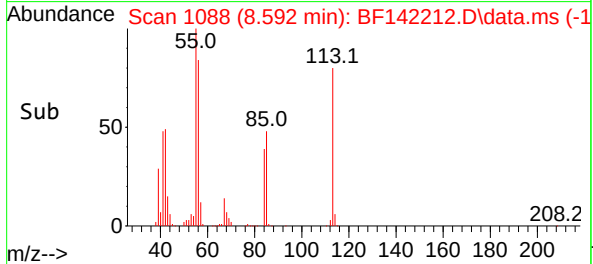
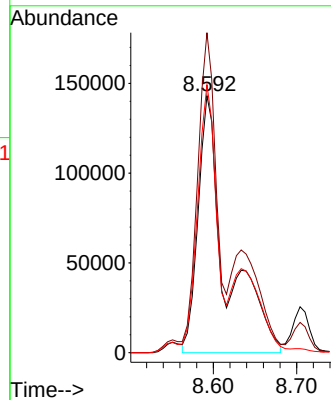
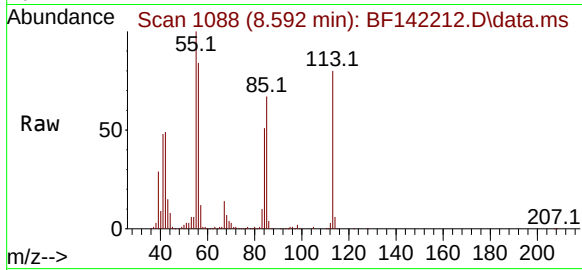
Tgt Ion:113 Resp: 331943

Ion Ratio Lower Upper

113 100

55 124.6 99.5 139.5

56 104.2 78.1 118.1



#36

4-Chloro-3-methylphenol

Concen: 47.026 ng

RT: 8.704 min Scan# 1107

Delta R.T. 0.012 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

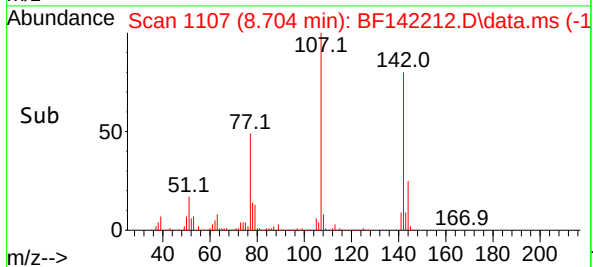
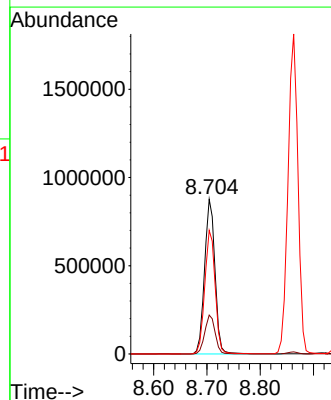
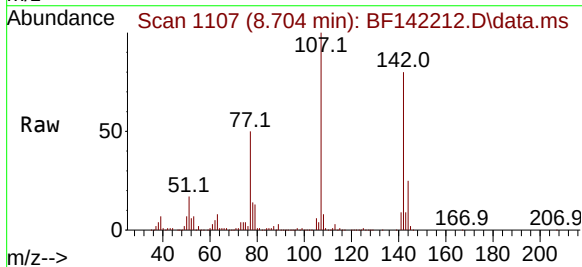
Tgt Ion:107 Resp: 1190880

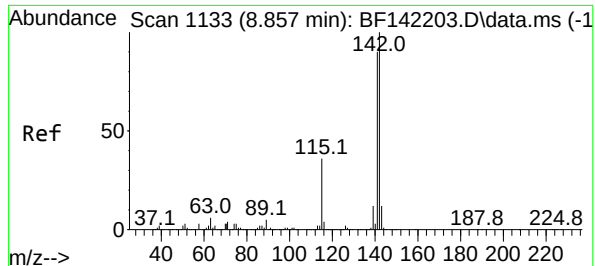
Ion Ratio Lower Upper

107 100

144 25.1 20.6 30.8

142 79.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 41.974 ng

RT: 8.863 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

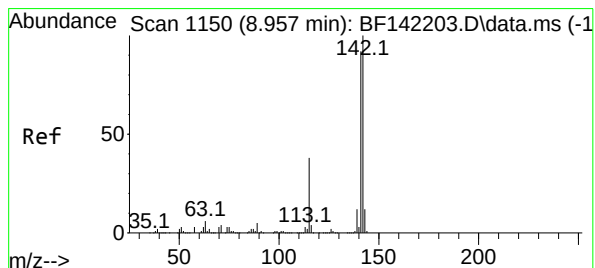
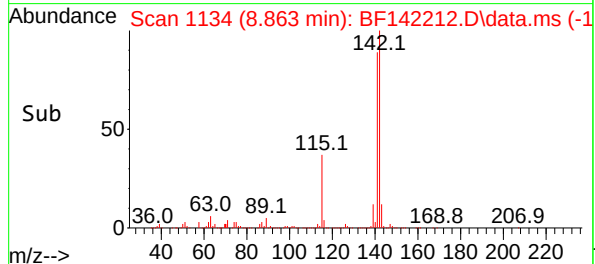
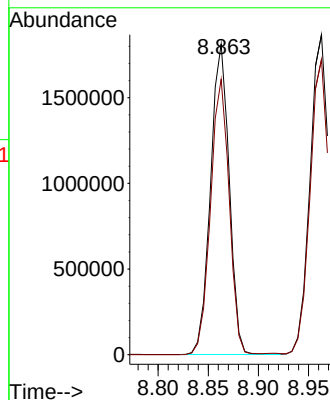
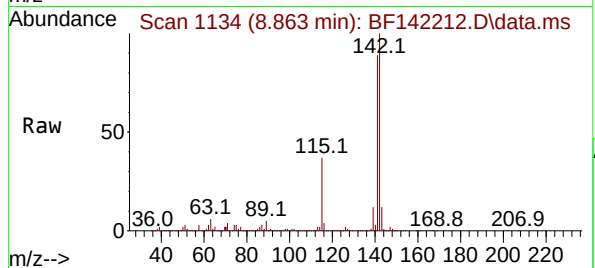
PB167672BSD

Tgt Ion:142 Resp: 2350967

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9



#38

1-Methylnaphthalene

Concen: 44.847 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142212.D

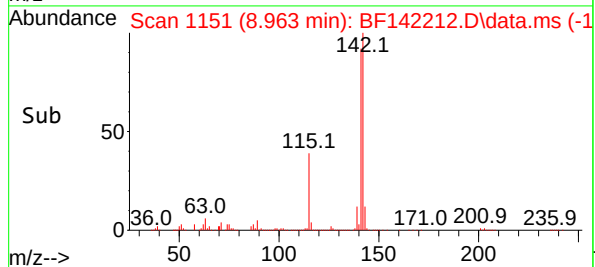
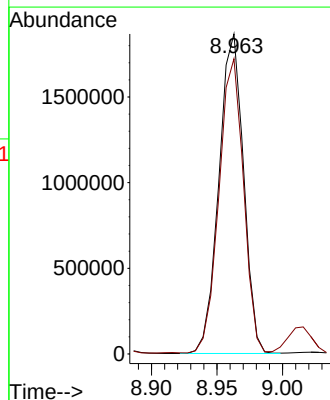
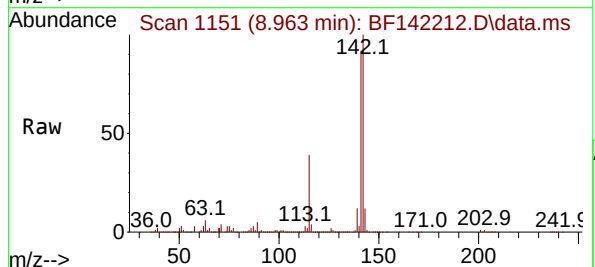
Acq: 22 Apr 2025 15:13

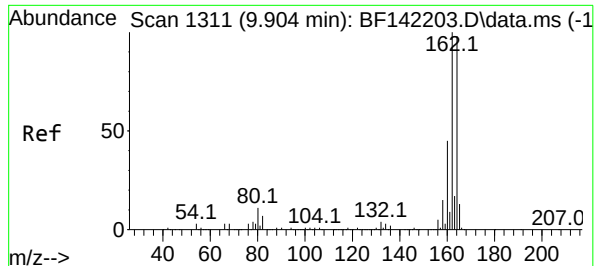
Tgt Ion:142 Resp: 2432087

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

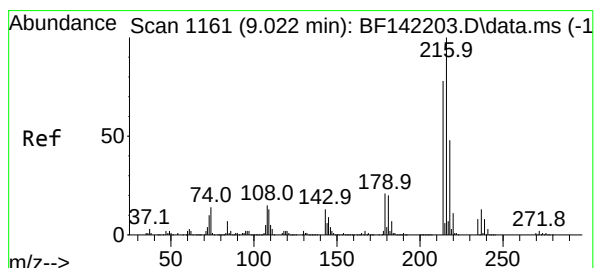
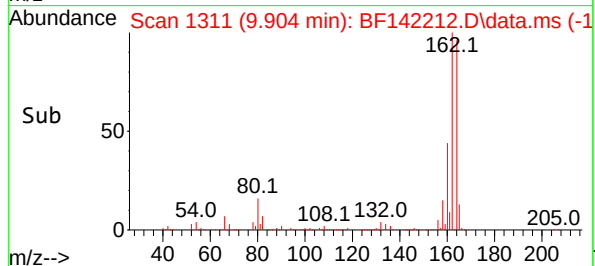
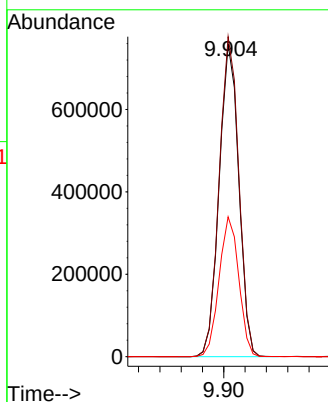
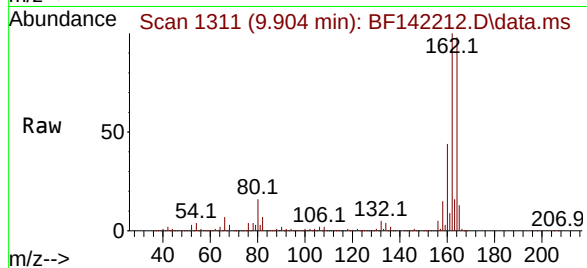
Tgt Ion:164 Resp: 967073

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

160 44.7 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.681 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion:216 Resp: 1413806

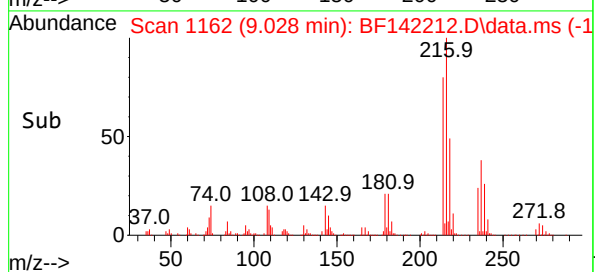
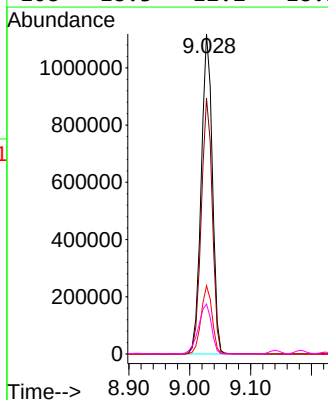
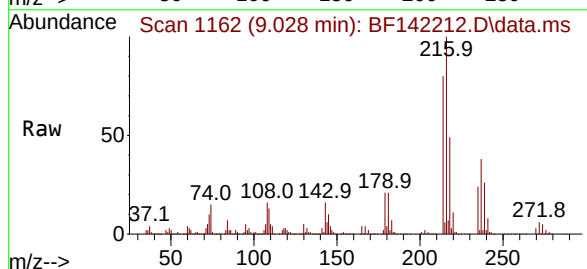
Ion Ratio Lower Upper

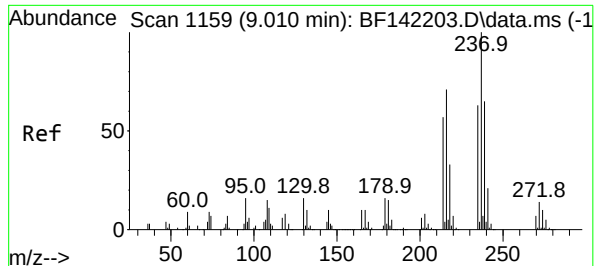
216 100

214 79.3 62.7 94.1

179 21.1 16.7 25.1

108 18.3 12.2 18.2#





#41

Hexachlorocyclopentadiene

Concen: 199.269 ng

RT: 9.016 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

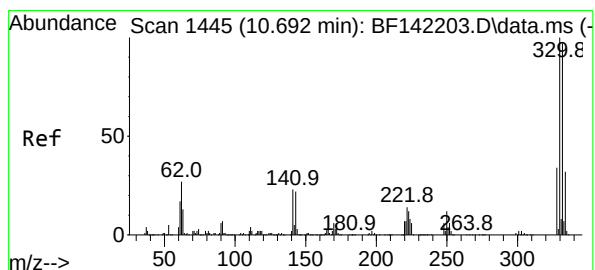
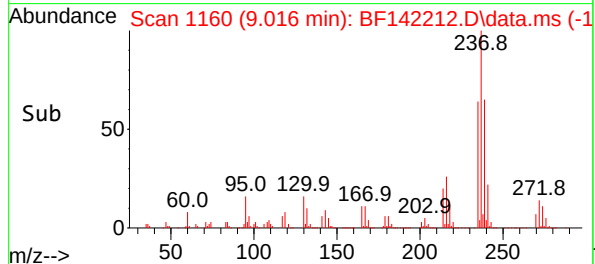
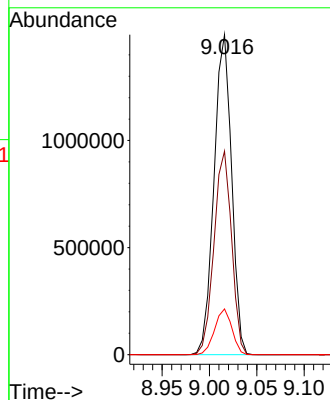
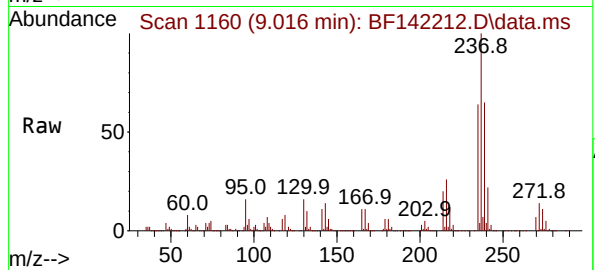
Tgt Ion:237 Resp: 1933489

Ion Ratio Lower Upper

237 100

235 63.6 42.6 82.6

272 14.3 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 90.829 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

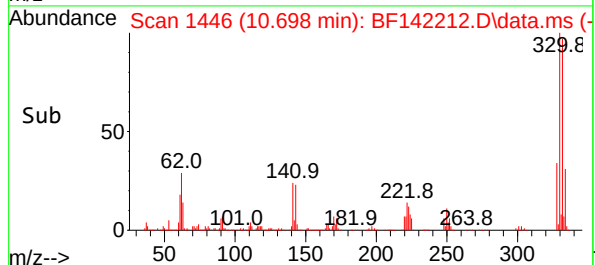
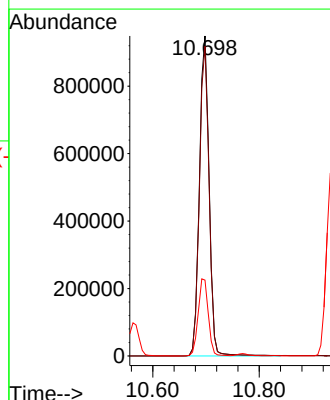
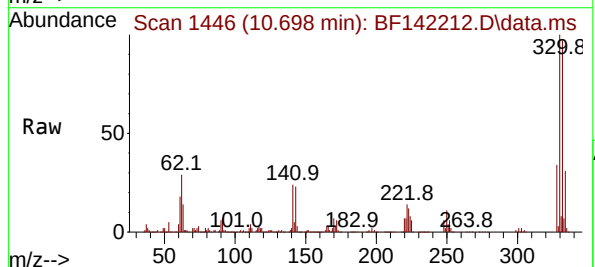
Tgt Ion:330 Resp: 1200976

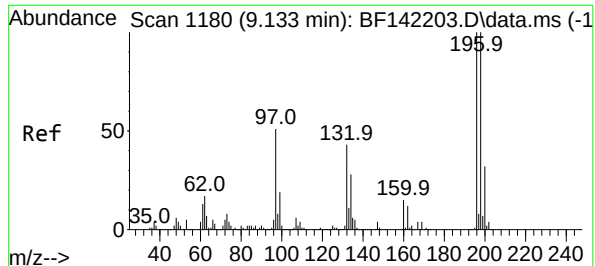
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 25.2 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 48.605 ng

RT: 9.139 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

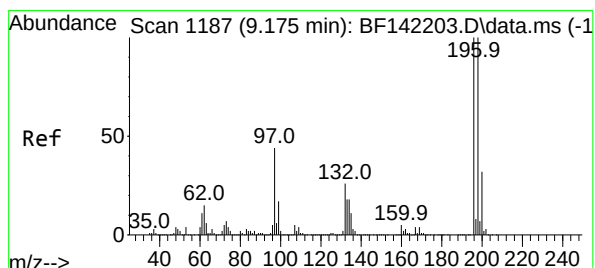
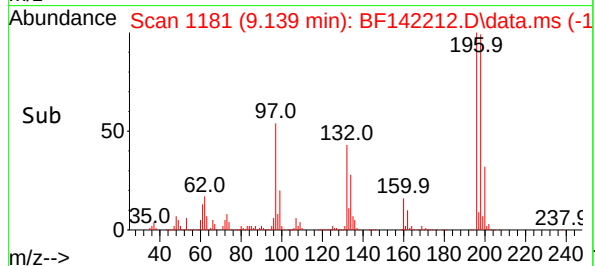
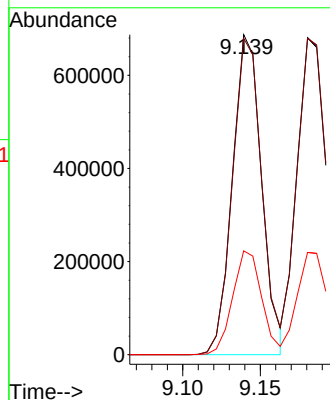
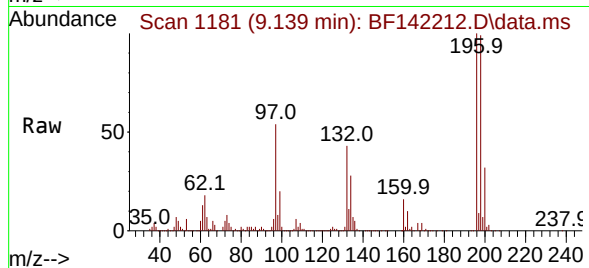
Tgt Ion:196 Resp: 897913

Ion Ratio Lower Upper

196 100

198 98.8 80.0 120.0

200 32.4 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 47.498 ng

RT: 9.180 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion:196 Resp: 940526

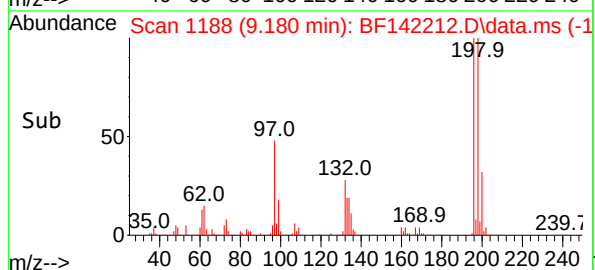
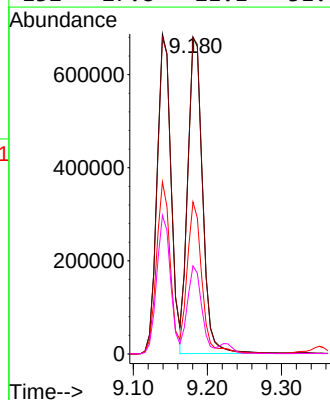
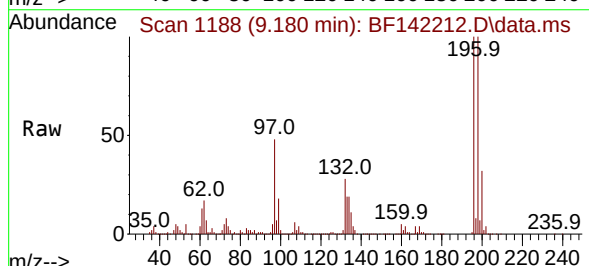
Ion Ratio Lower Upper

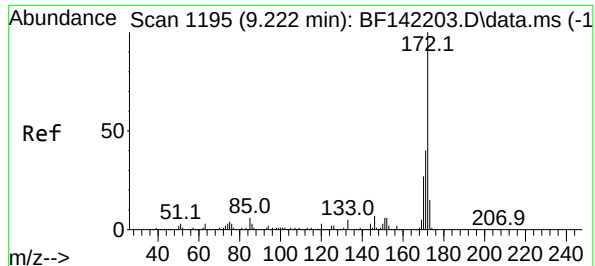
196 100

198 99.8 80.0 120.0

97 48.0 35.9 53.9

132 27.8 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 88.191 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

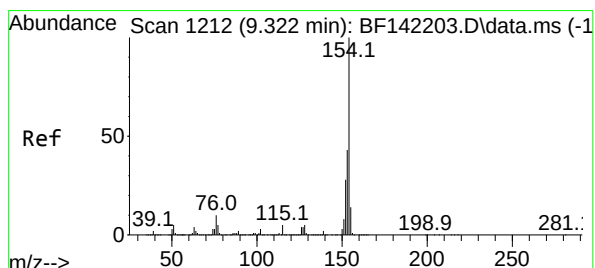
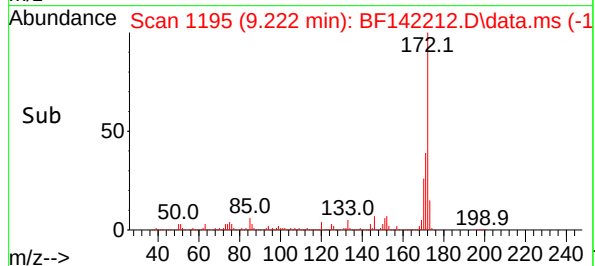
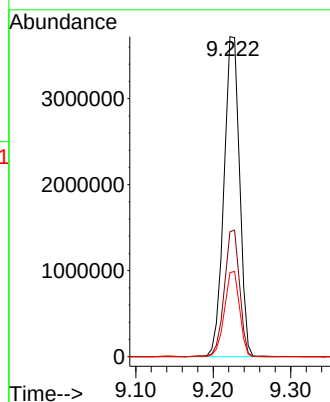
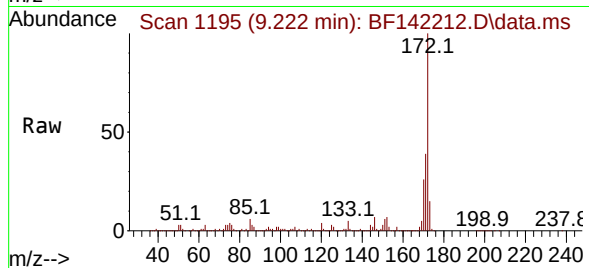
Tgt Ion:172 Resp: 5232587

Ion Ratio Lower Upper

172 100

171 39.1 32.1 48.1

170 26.2 21.4 32.0



#46

1,1'-Biphenyl

Concen: 45.845 ng

RT: 9.328 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

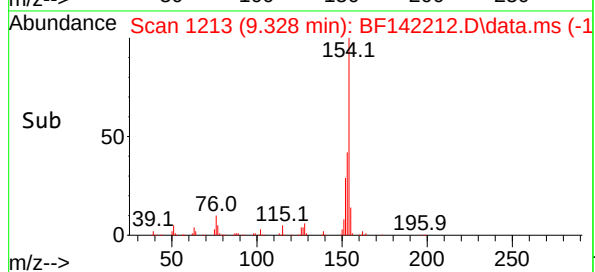
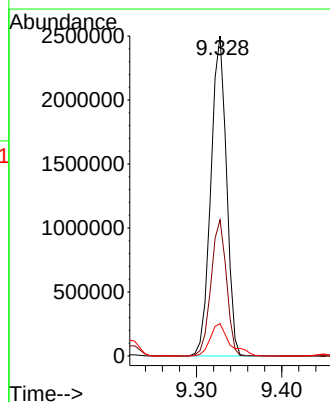
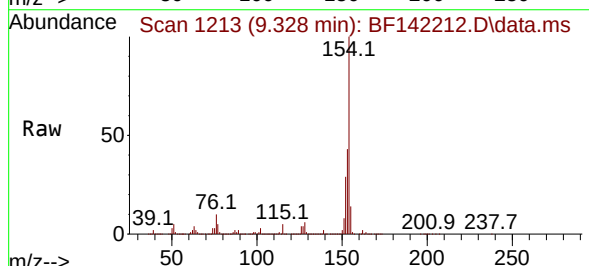
Tgt Ion:154 Resp: 3179172

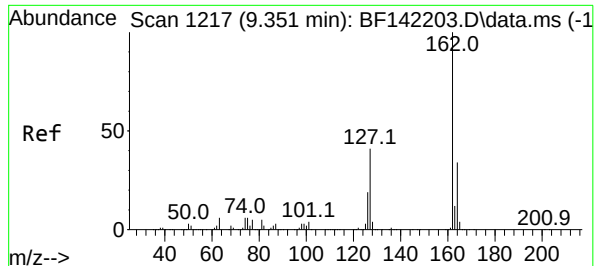
Ion Ratio Lower Upper

154 100

153 42.6 22.5 62.5

76 10.1 0.0 30.4





#47

2-Chloronaphthalene

Concen: 46.824 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

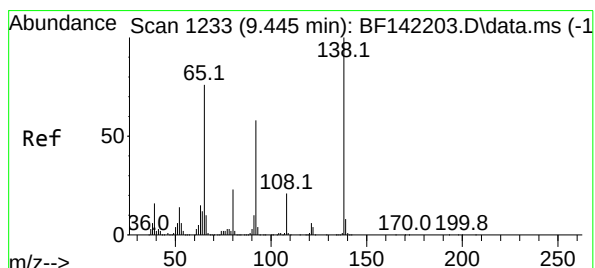
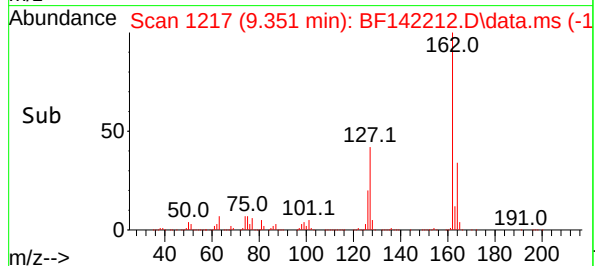
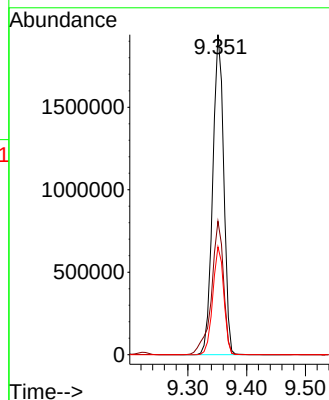
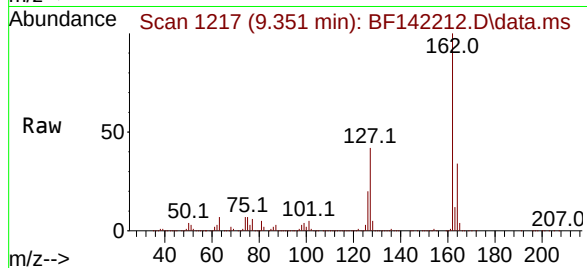
Tgt Ion:162 Resp: 2520398

Ion Ratio Lower Upper

162 100

127 41.7 33.1 49.7

164 33.7 27.1 40.7



#48

2-Nitroaniline

Concen: 50.126 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

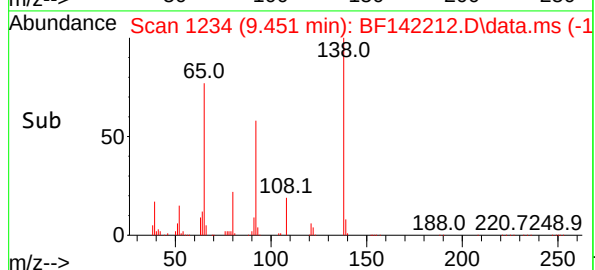
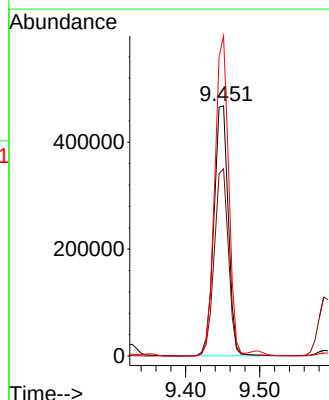
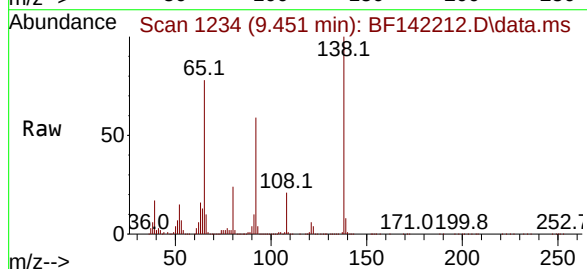
Tgt Ion: 65 Resp: 632449

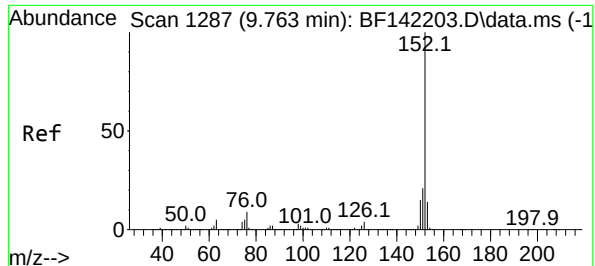
Ion Ratio Lower Upper

65 100

92 74.9 61.4 92.0

138 128.0 105.8 158.6





#49

Acenaphthylene

Concen: 49.512 ng

RT: 9.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

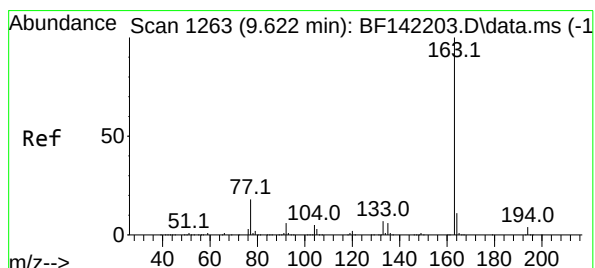
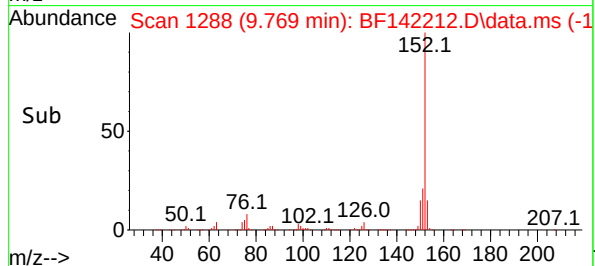
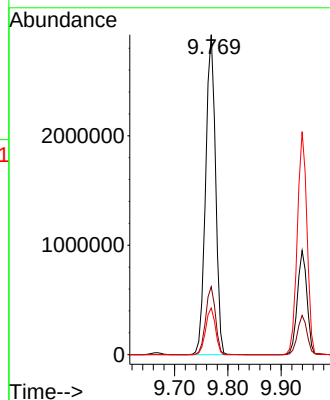
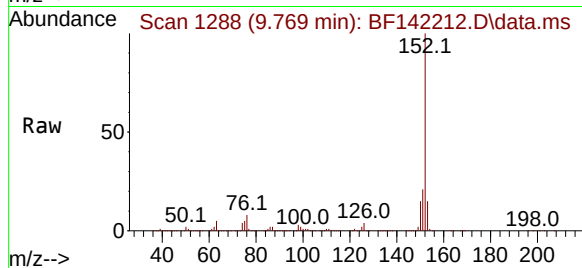
Tgt Ion:152 Resp: 3766987

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

153 14.6 11.6 17.4



#50

Dimethylphthalate

Concen: 47.542 ng

RT: 9.628 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

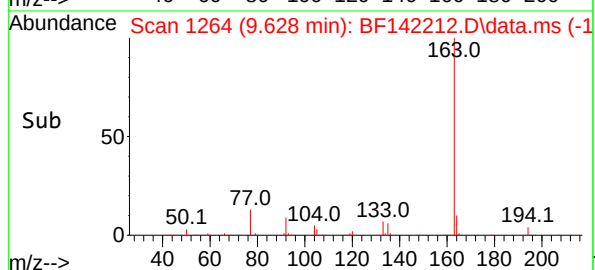
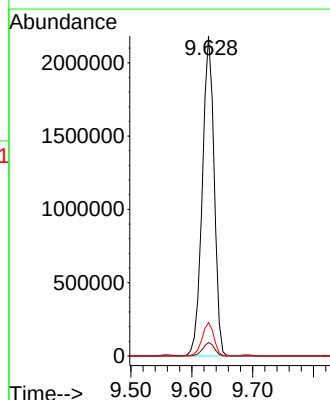
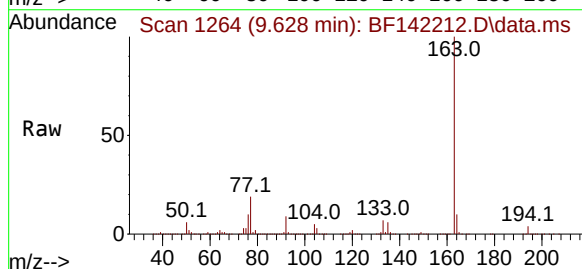
Tgt Ion:163 Resp: 2947852

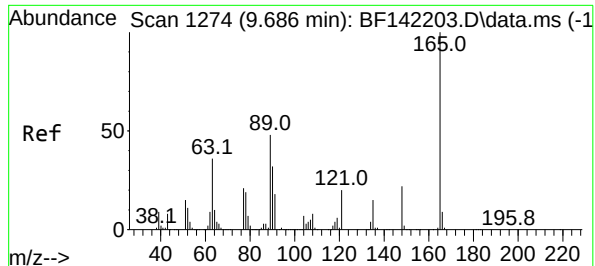
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.5 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 47.192 ng

RT: 9.692 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

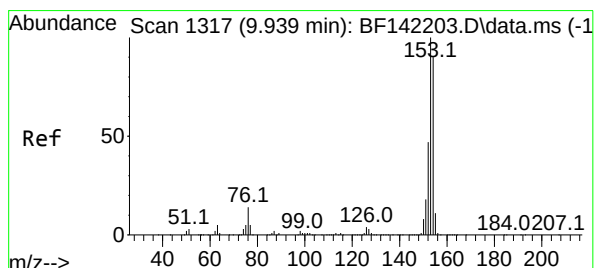
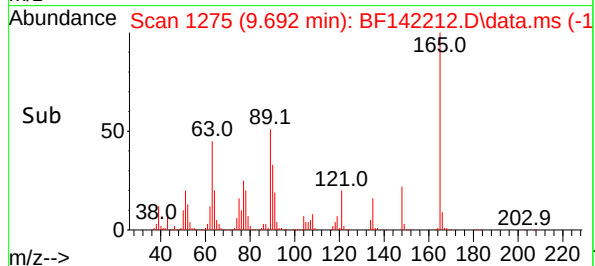
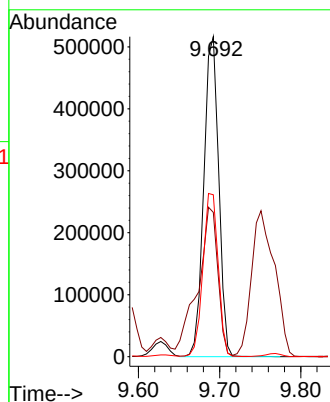
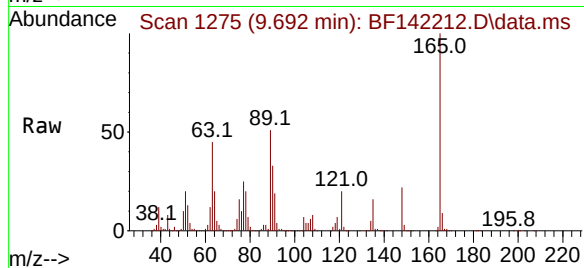
Tgt Ion:165 Resp: 656963

Ion Ratio Lower Upper

165 100

63 45.1 35.4 53.2

89 50.6 38.6 58.0



#52

Acenaphthene

Concen: 51.541 ng m

RT: 9.939 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

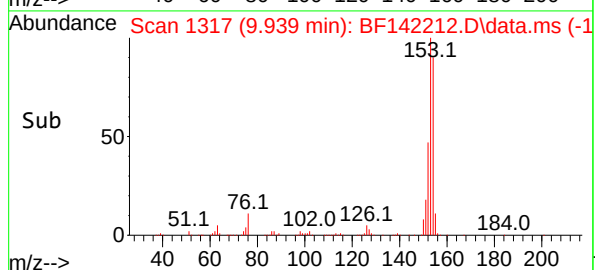
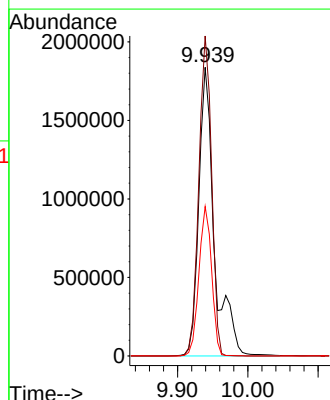
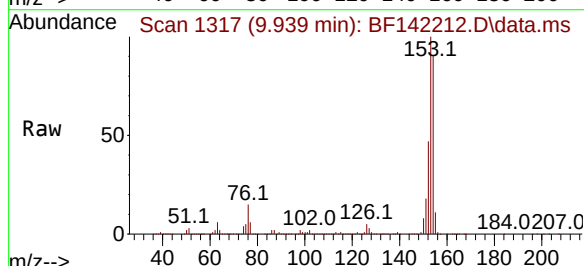
Tgt Ion:154 Resp: 2825820

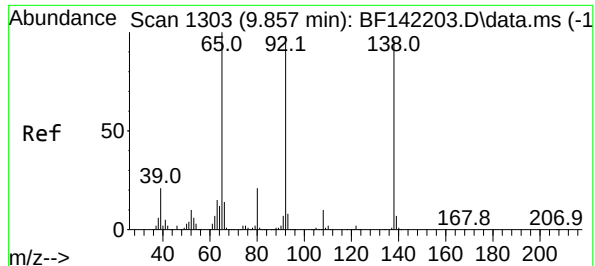
Ion Ratio Lower Upper

154 100

153 110.9 89.0 133.4

152 51.8 41.8 62.8





#53

3-Nitroaniline

Concen: 21.045 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

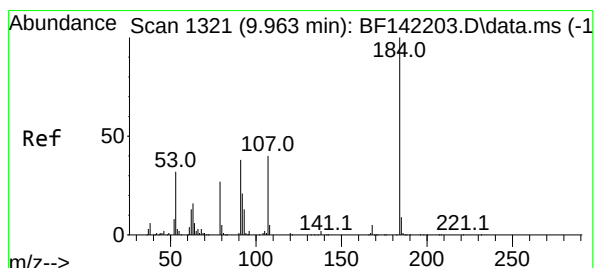
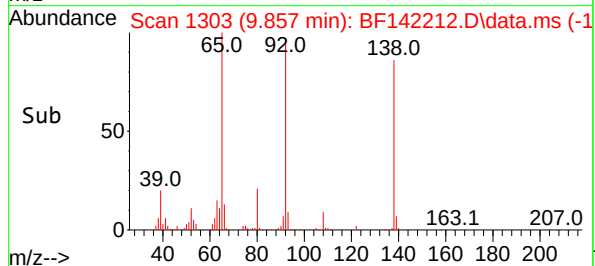
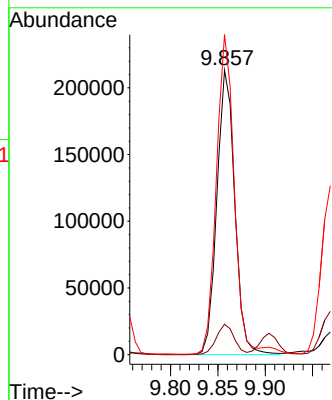
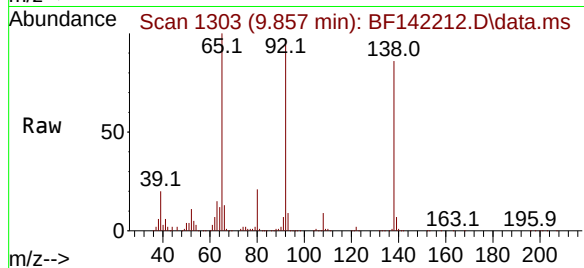
Tgt Ion:138 Resp: 280708

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

92 112.5 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 117.147 ng

RT: 9.969 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

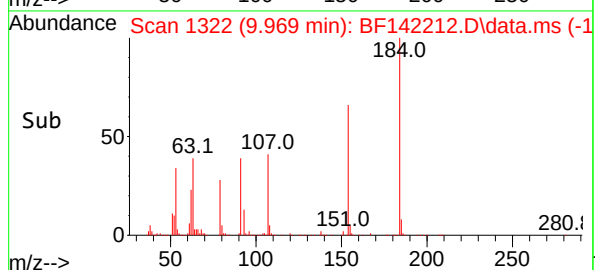
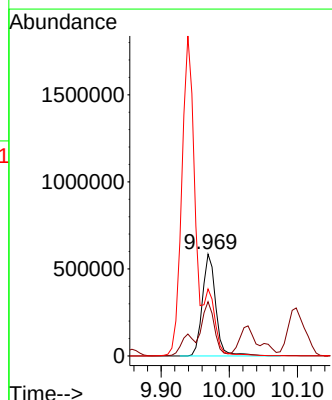
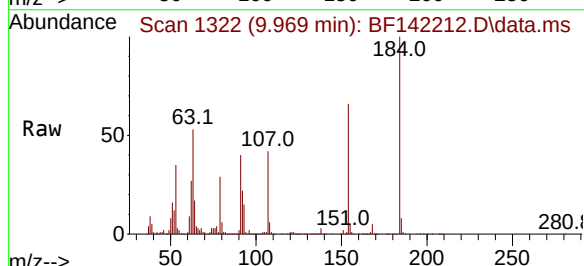
Tgt Ion:184 Resp: 798731

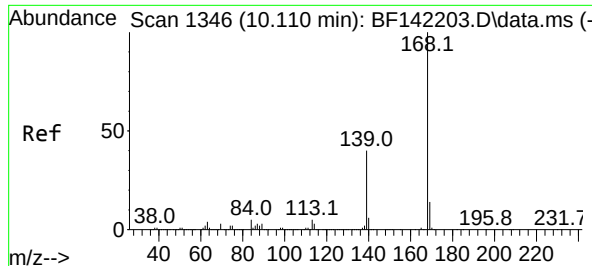
Ion Ratio Lower Upper

184 100

63 53.3 39.0 58.4

154 65.9 52.2 78.4





#55

Dibenzenofuran

Concen: 44.607 ng

RT: 10.110 min Scan# 1346

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

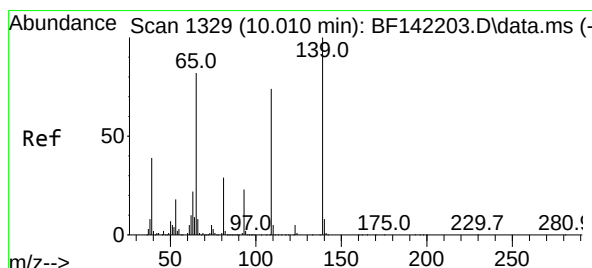
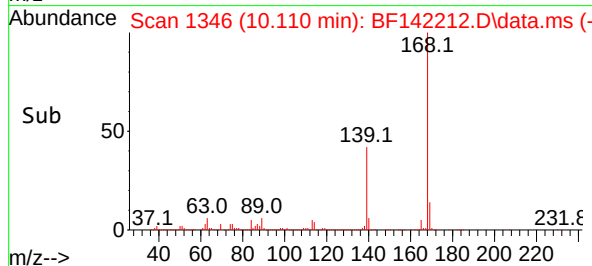
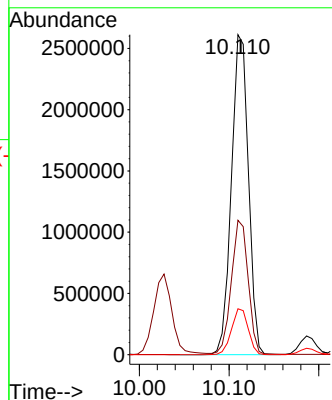
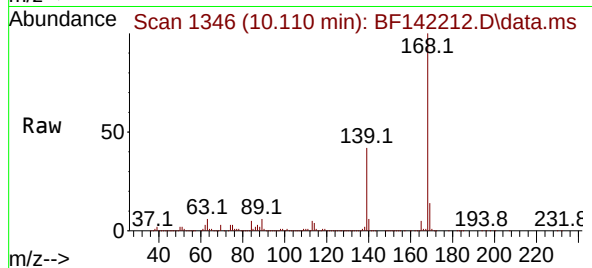
Tgt Ion:168 Resp: 3428638

Ion Ratio Lower Upper

168 100

139 42.0 32.3 48.5

169 14.3 11.4 17.0



#56

4-Nitrophenol

Concen: 95.841 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.017 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

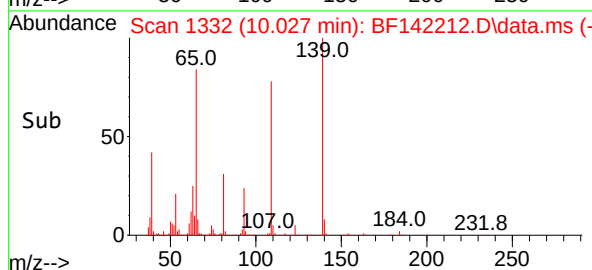
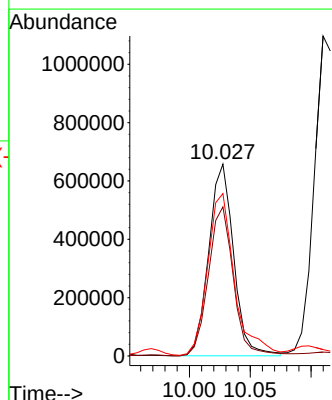
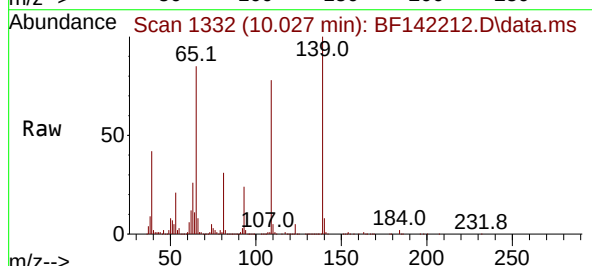
Tgt Ion:139 Resp: 935141

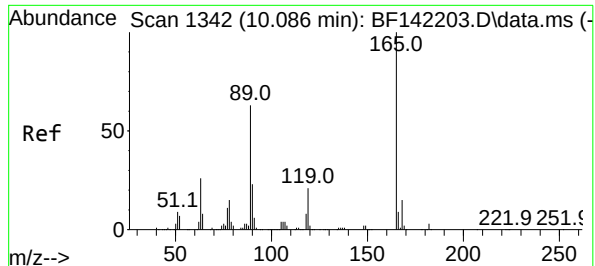
Ion Ratio Lower Upper

139 100

109 77.7 54.1 94.1

65 84.6 62.1 102.1

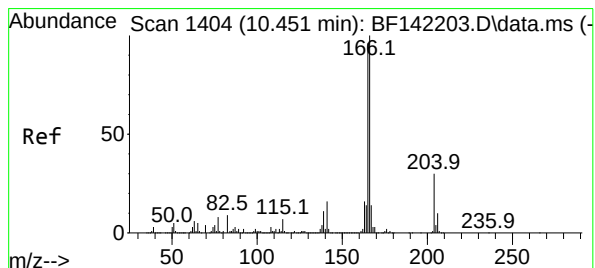
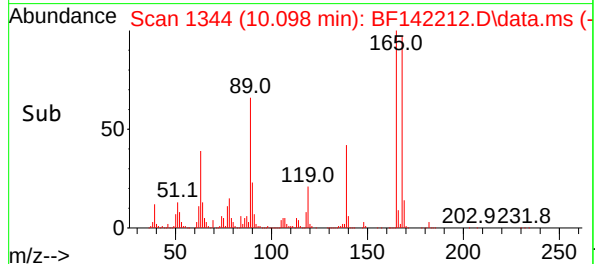
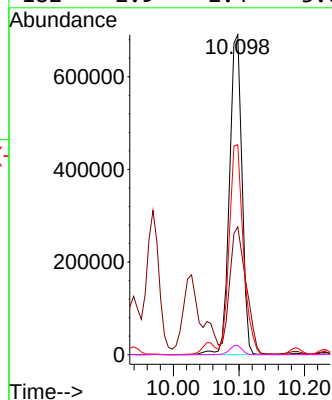
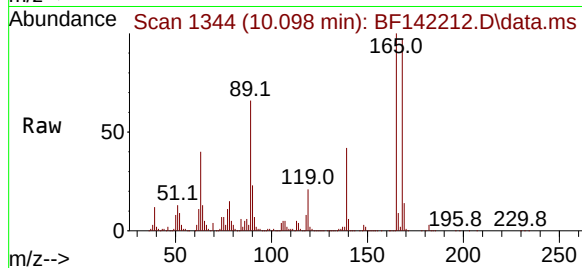




#57
2,4-Dinitrotoluene
Concen: 50.661 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

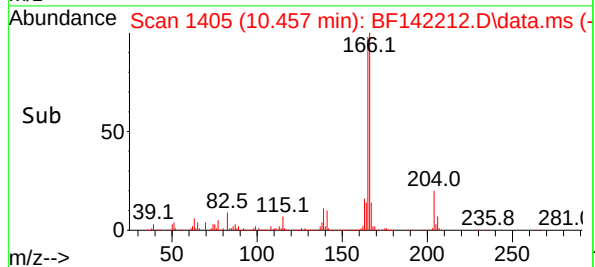
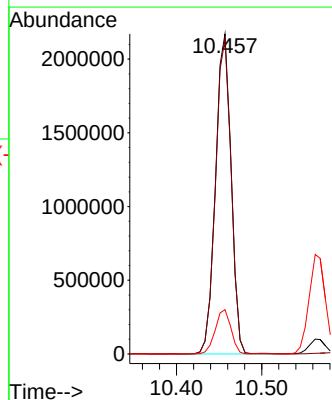
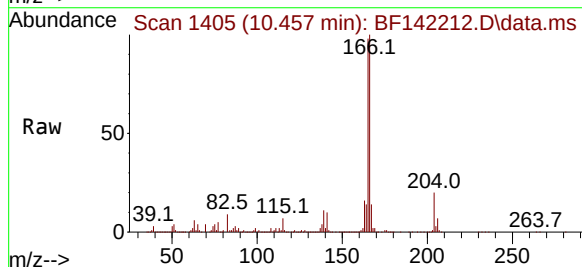
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

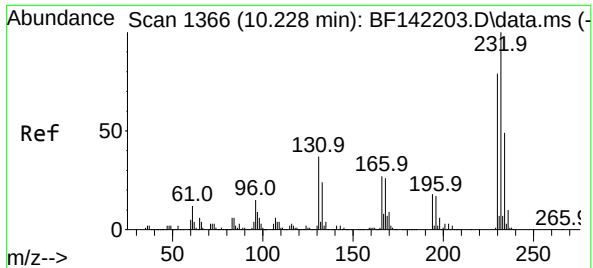
Tgt Ion:165 Resp: 910889
Ion Ratio Lower Upper
165 100
63 39.9 29.0 43.6
89 65.6 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 46.411 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:166 Resp: 2759497
Ion Ratio Lower Upper
166 100
165 98.4 77.1 115.7
167 13.9 11.0 16.4

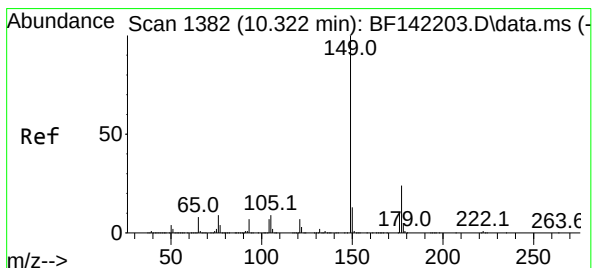
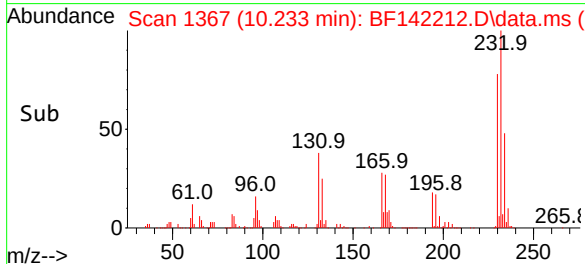
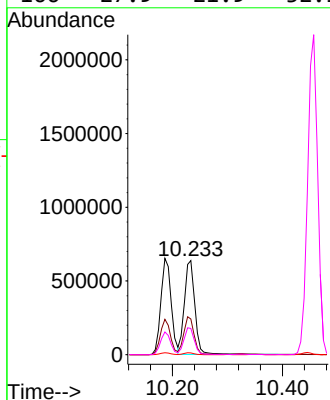
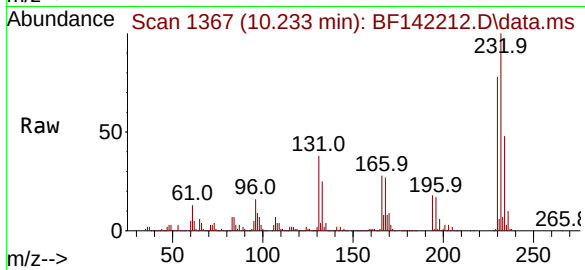




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.654 ng
RT: 10.233 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

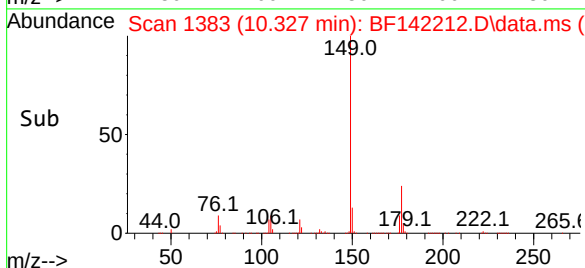
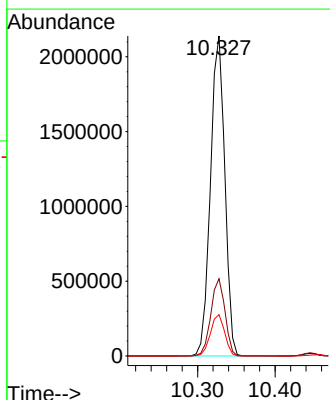
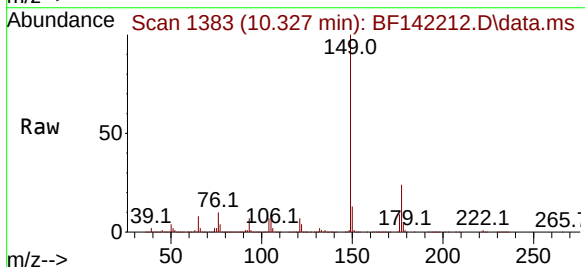
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

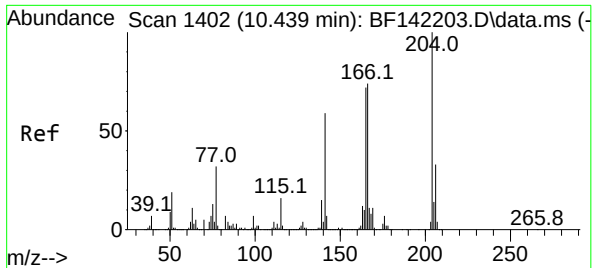
Tgt Ion:232 Resp: 843628
Ion Ratio Lower Upper
232 100
131 39.4 31.9 47.9
130 2.0 1.6 2.4
166 27.9 21.9 32.9



#60
Diethylphthalate
Concen: 47.510 ng
RT: 10.327 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:149 Resp: 2750816
Ion Ratio Lower Upper
149 100
177 24.1 19.6 29.4
150 12.9 10.6 15.8

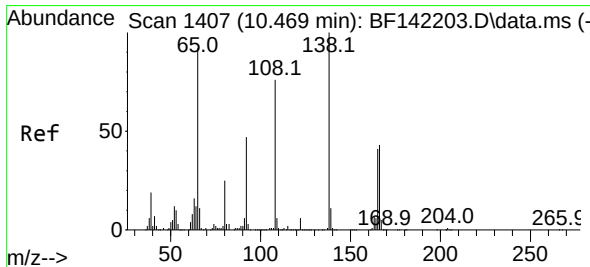
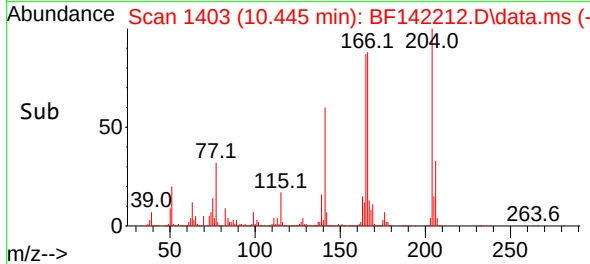
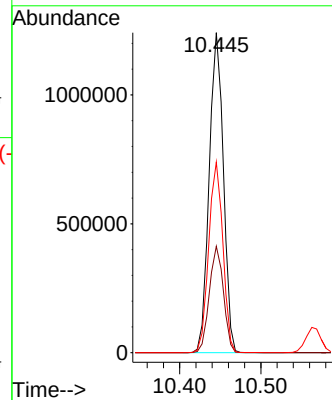
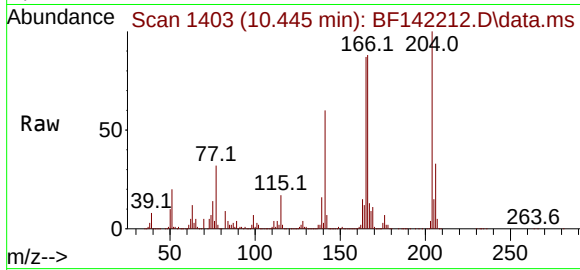




#61
4-Chlorophenyl-phenylether
Concen: 45.912 ng
RT: 10.445 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

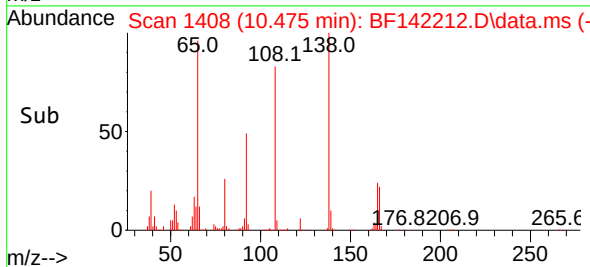
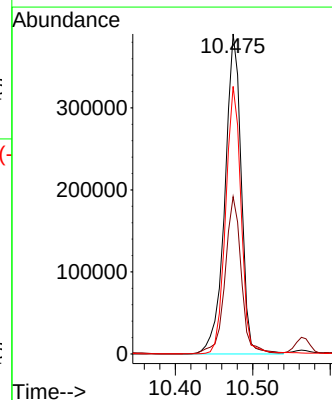
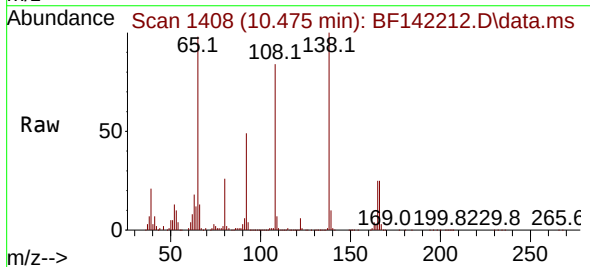
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

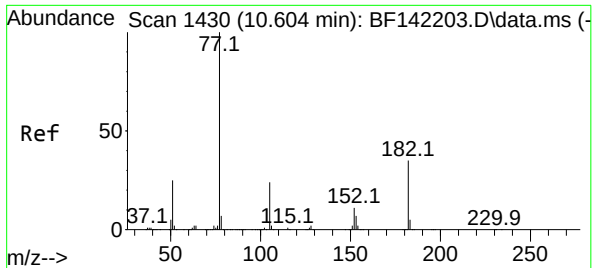
Tgt Ion:204 Resp: 1503086
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 59.5 47.0 70.6



#62
4-Nitroaniline
Concen: 45.336 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:138 Resp: 574789
Ion Ratio Lower Upper
138 100
92 49.1 26.7 66.7
108 83.6 56.5 96.5

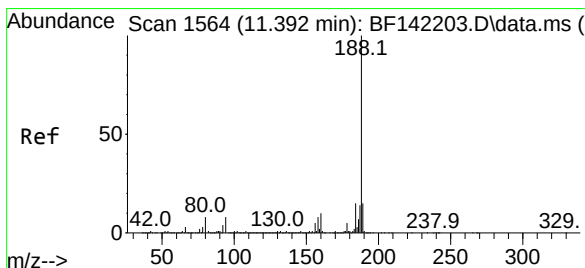
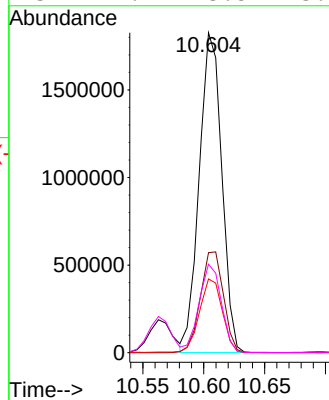
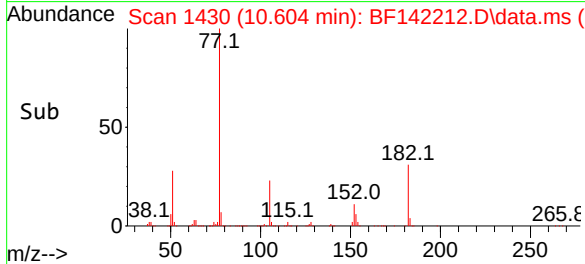
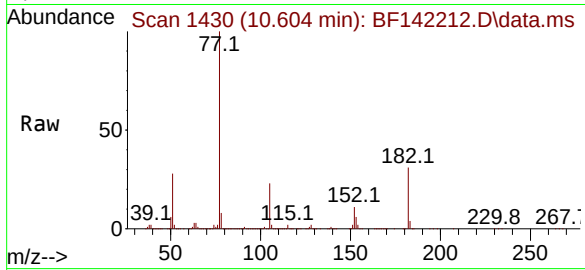




#63
Azobenzene
Concen: 46.423 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

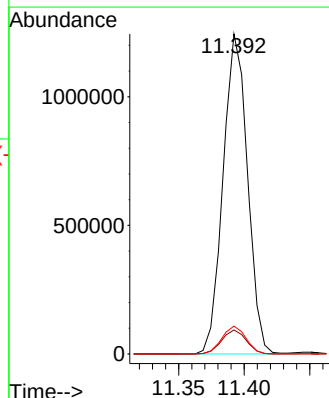
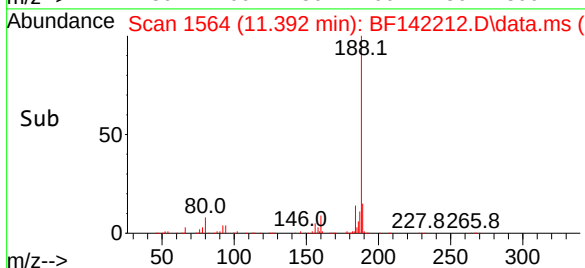
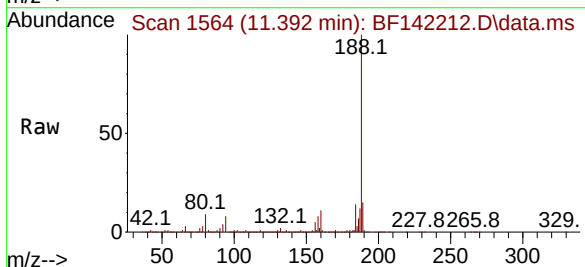
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

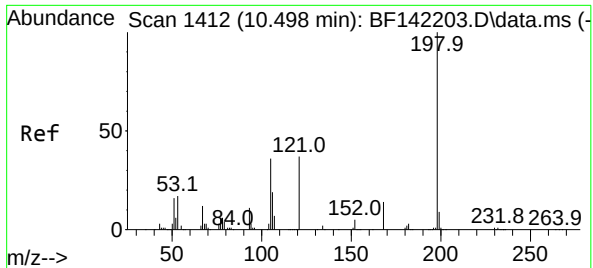
Tgt Ion: 77 Resp: 2340482
Ion Ratio Lower Upper
77 100
182 31.2 14.8 54.8
105 23.0 4.0 44.0
51 27.7 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion: 188 Resp: 1611136
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.7 6.7 10.1

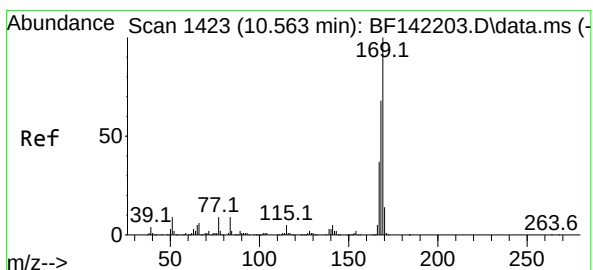
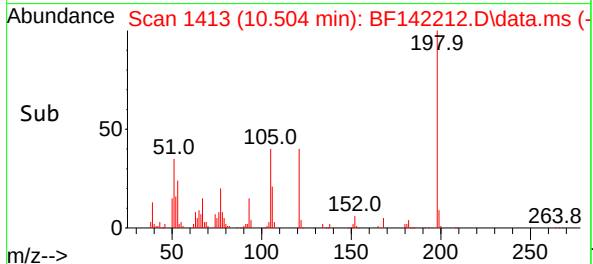
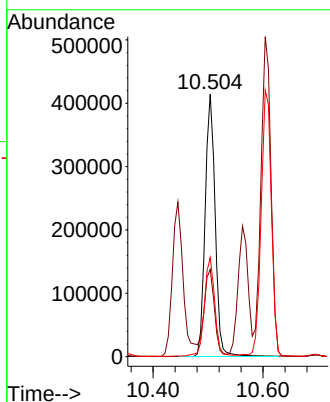
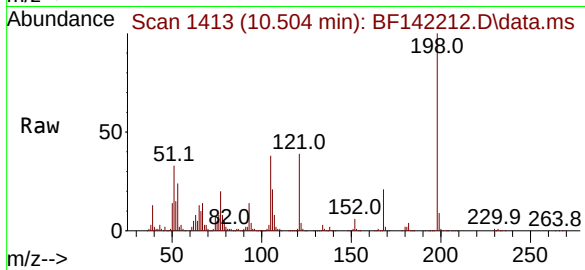




#65
4,6-Dinitro-2-methylphenol
Concen: 55.684 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

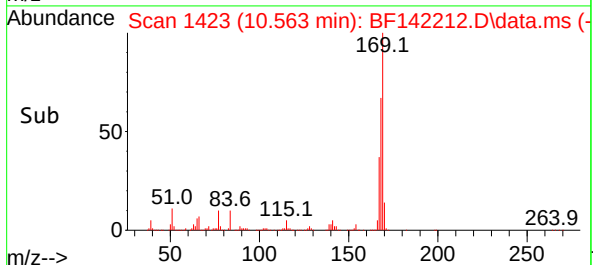
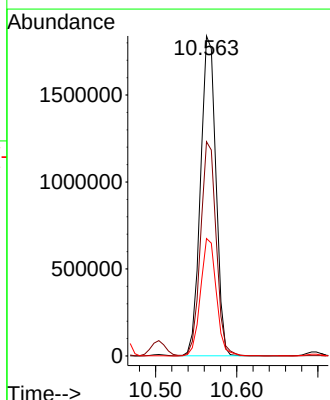
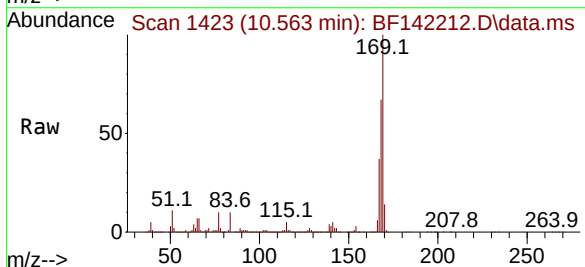
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

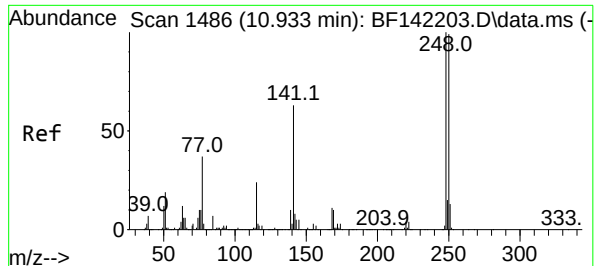
Tgt Ion:198 Resp: 523681
Ion Ratio Lower Upper
198 100
51 33.2 10.2 50.2
105 37.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 48.776 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:169 Resp: 2408498
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 36.7 29.4 44.2

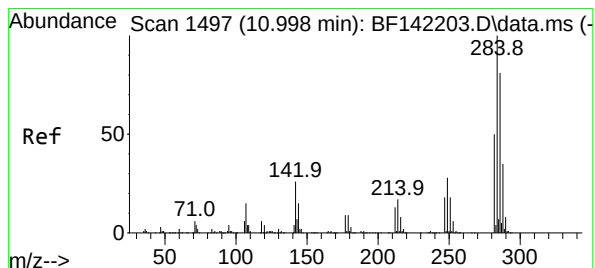
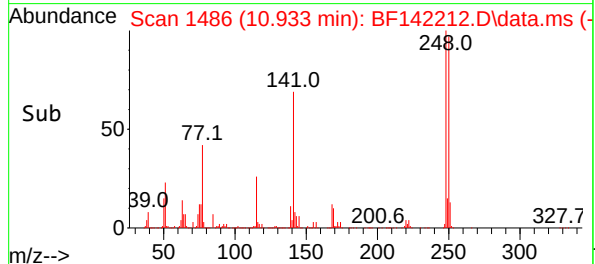
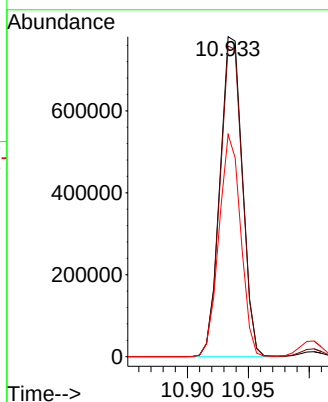
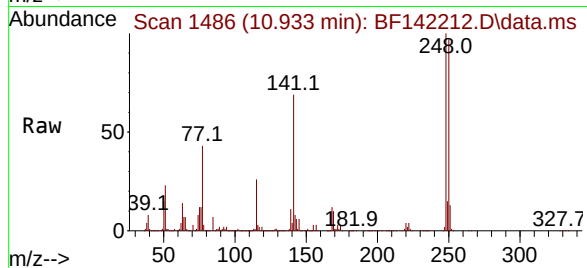




#67
4-Bromophenyl-phenylether
Concen: 47.389 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

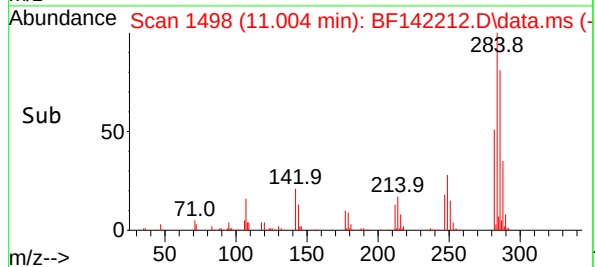
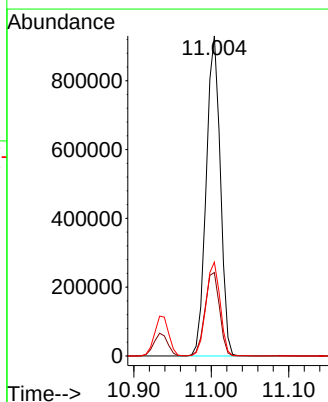
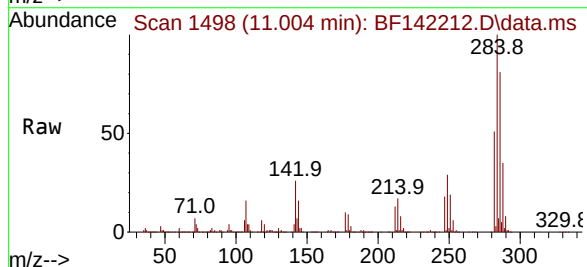
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

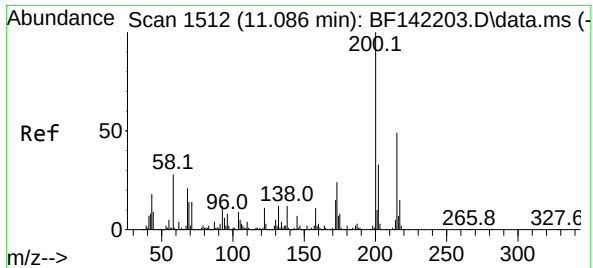
Tgt Ion:248 Resp: 1004102
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 69.5 50.6 75.8



#68
Hexachlorobenzene
Concen: 46.635 ng
RT: 11.004 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:284 Resp: 1175895
Ion Ratio Lower Upper
284 100
142 26.1 20.7 31.1
249 29.3 22.8 34.2

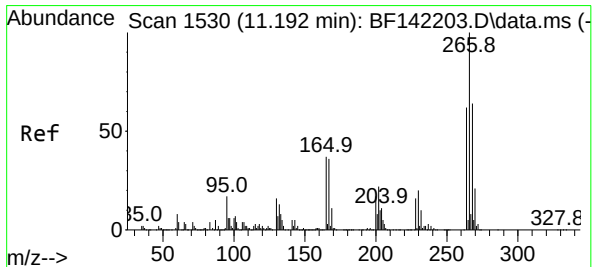
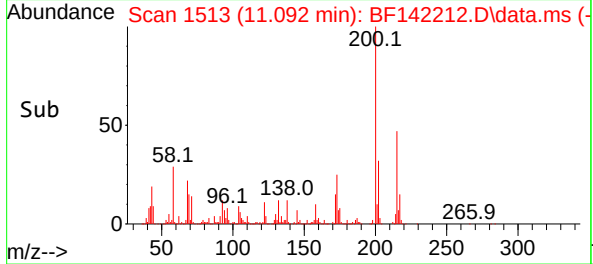
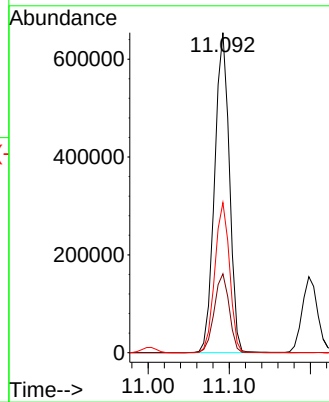
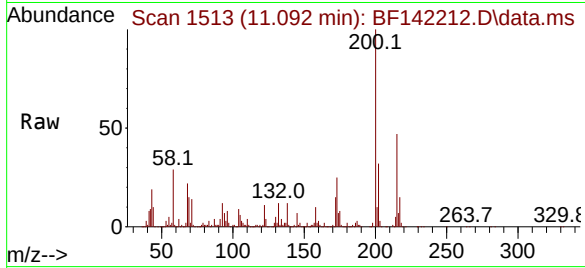




#69
Atrazine
Concen: 68.721 ng
RT: 11.092 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

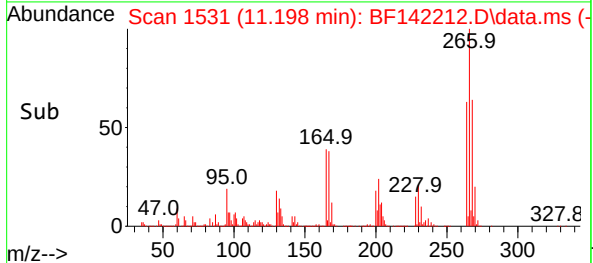
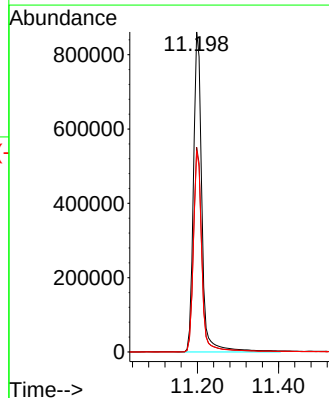
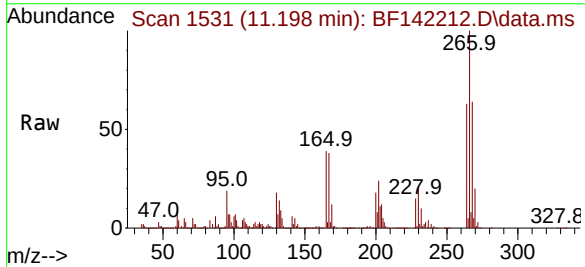
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

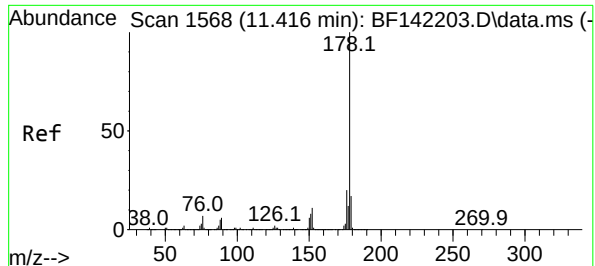
Tgt Ion:200 Resp: 828105
Ion Ratio Lower Upper
200 100
173 24.7 4.4 44.4
215 46.9 28.6 68.6



#70
Pentachlorophenol
Concen: 96.413 ng
RT: 11.198 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:266 Resp: 1240177
Ion Ratio Lower Upper
266 100
268 64.0 50.9 76.3
264 62.9 49.4 74.2





#71

Phenanthrene

Concen: 48.366 ng

RT: 11.422 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

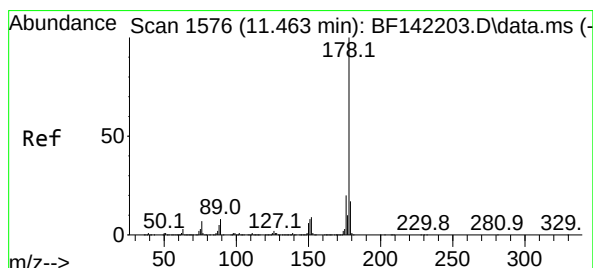
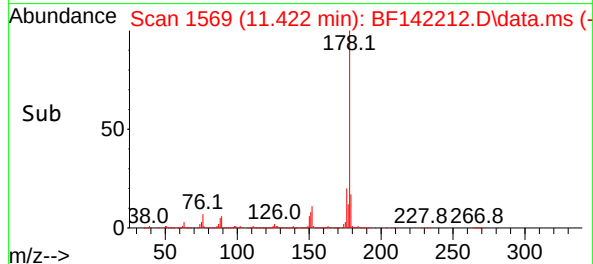
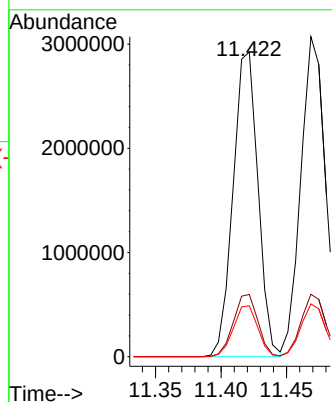
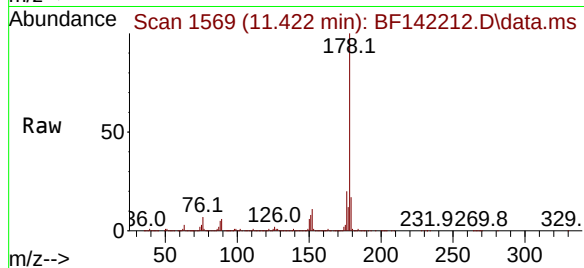
Tgt Ion:178 Resp: 3869590

Ion Ratio Lower Upper

178 100

176 20.5 16.3 24.5

179 16.7 13.3 19.9



#72

Anthracene

Concen: 49.798 ng

RT: 11.469 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

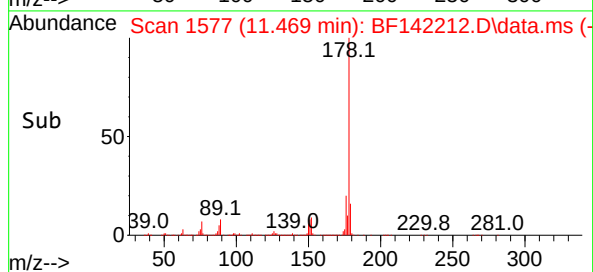
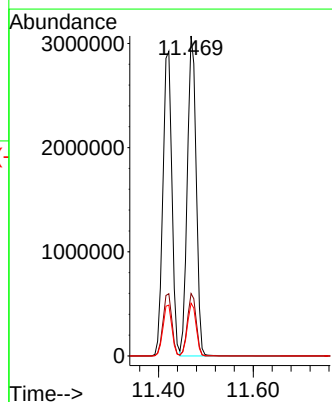
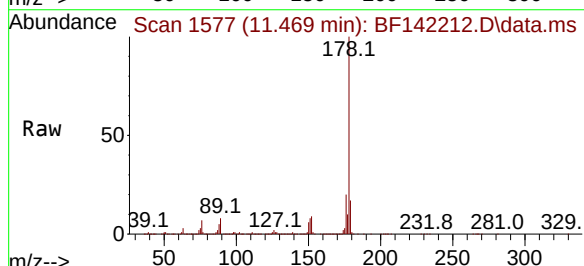
Tgt Ion:178 Resp: 3983737

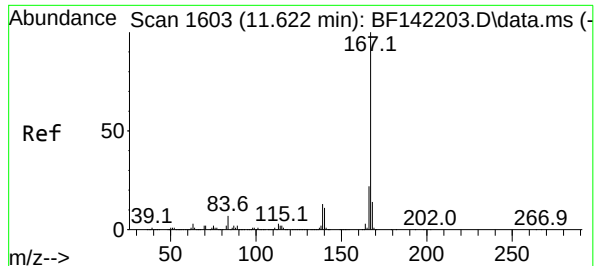
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 16.5 13.4 20.0





#73

Carbazole

Concen: 46.685 ng

RT: 11.621 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

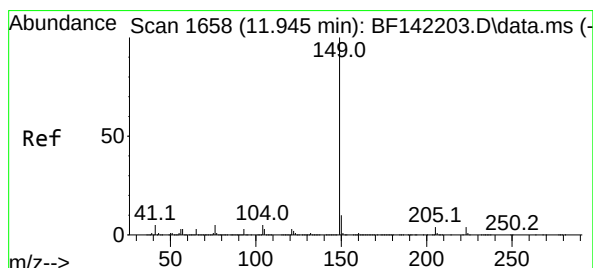
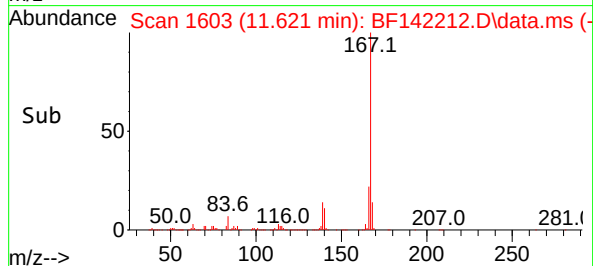
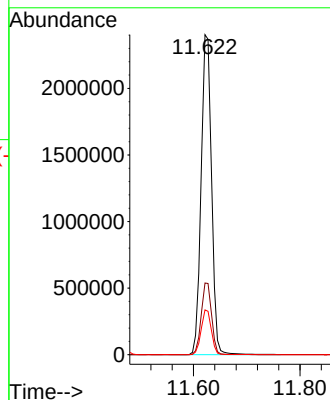
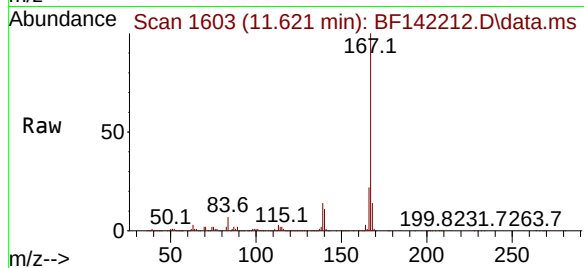
Tgt Ion:167 Resp: 3262787

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.2

139 14.0 10.7 16.1



#74

Di-n-butylphthalate

Concen: 49.778 ng

RT: 11.951 min Scan# 1659

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

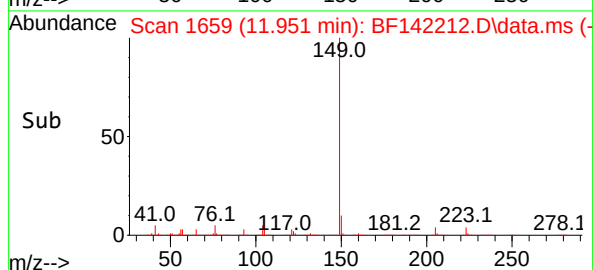
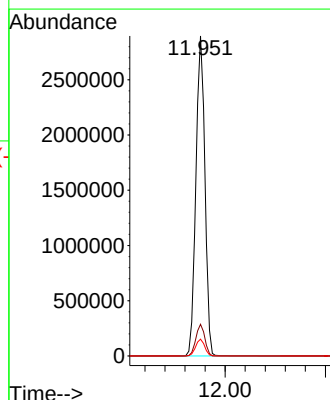
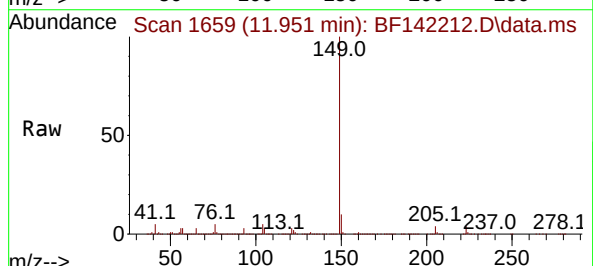
Tgt Ion:149 Resp: 3600759

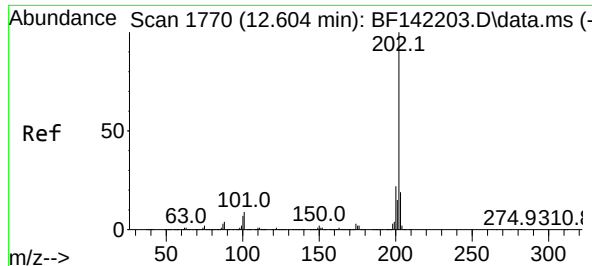
Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 44.510 ng

RT: 12.604 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

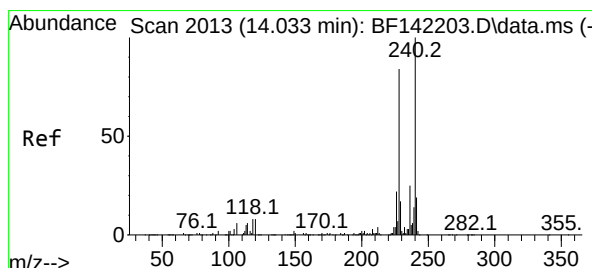
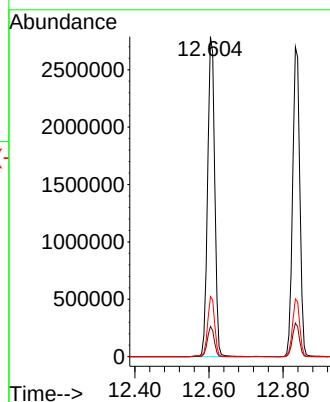
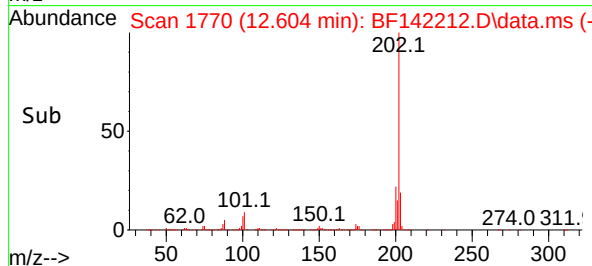
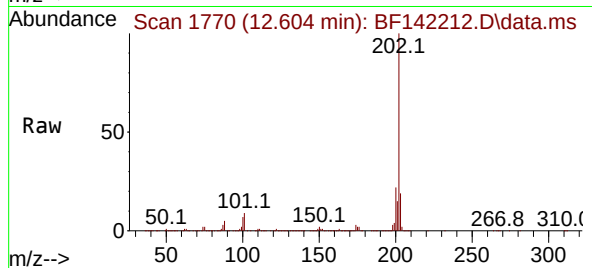
Tgt Ion:202 Resp: 3701689

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 18.8 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

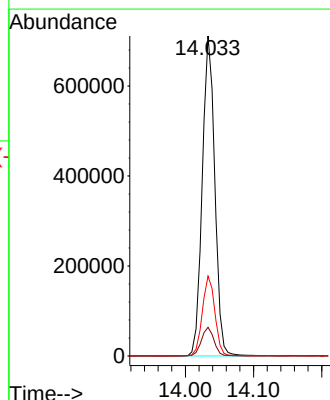
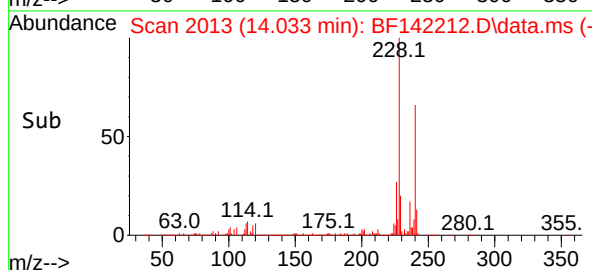
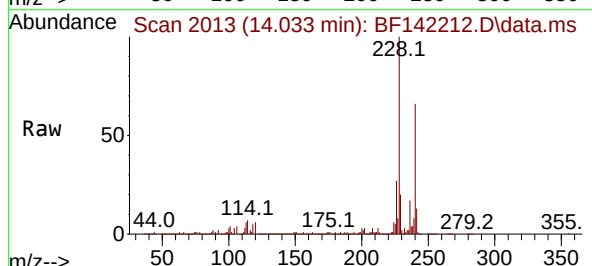
Tgt Ion:240 Resp: 909574

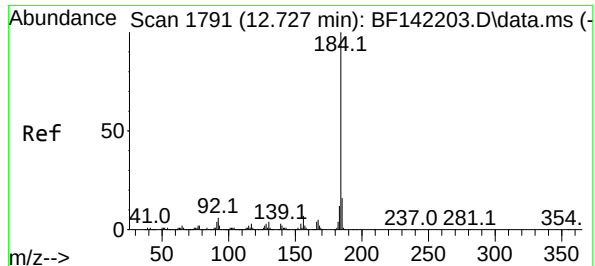
Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

236 25.0 20.2 30.2

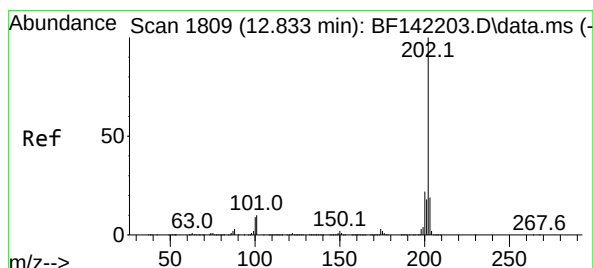
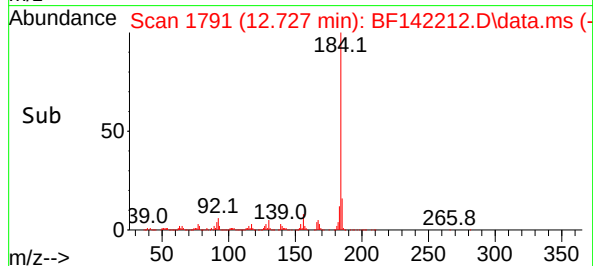
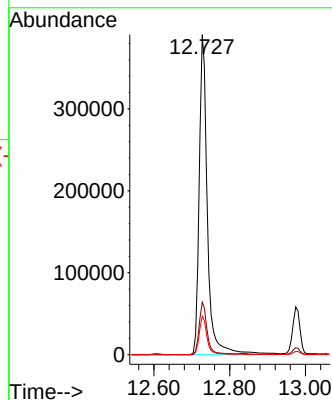
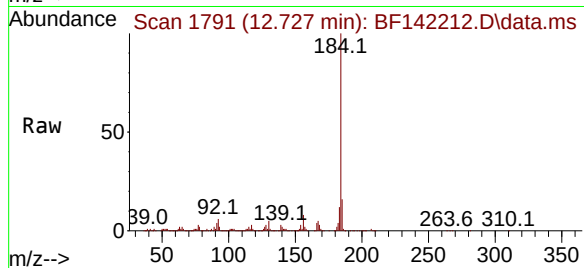




#77
Benzidine
Concen: 50.686 ng
RT: 12.727 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

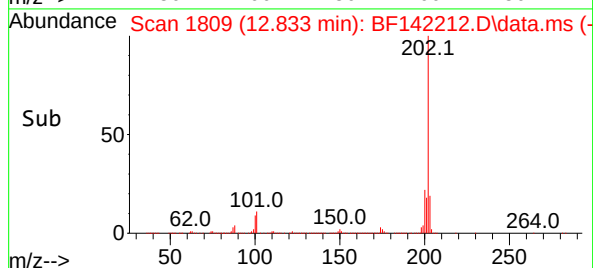
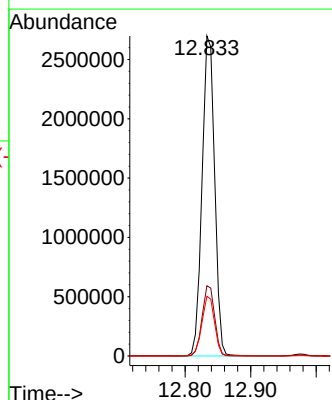
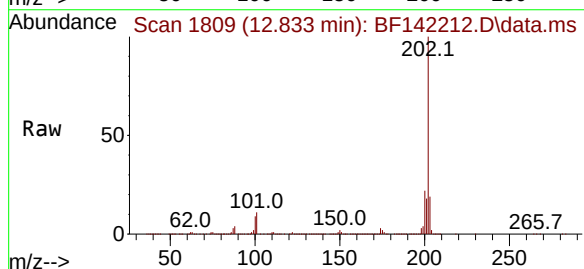
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

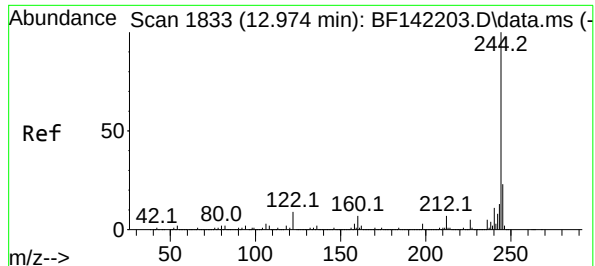
Tgt Ion:184 Resp: 594934
Ion Ratio Lower Upper
184 100
185 16.4 13.0 19.6
183 12.0 9.6 14.4



#78
Pyrene
Concen: 49.951 ng
RT: 12.833 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:202 Resp: 3608456
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.7 14.8 22.2





#79

Terphenyl-d14

Concen: 96.756 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142212.D

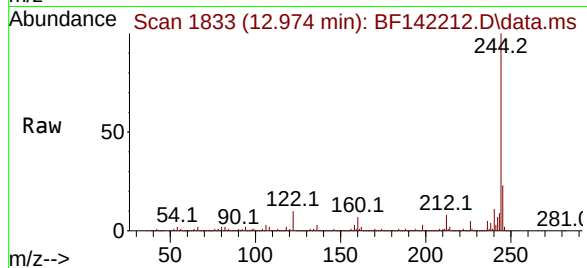
Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD



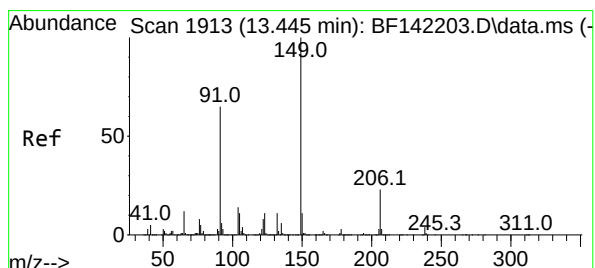
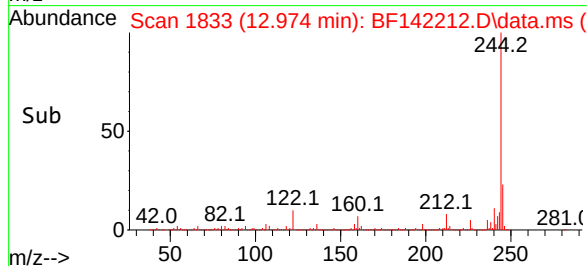
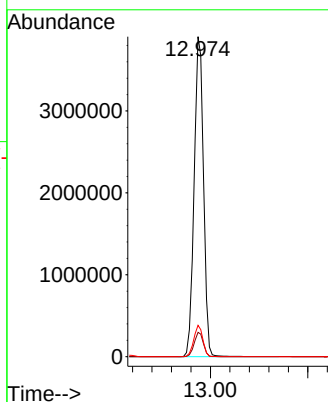
Tgt Ion:244 Resp: 5253181

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 9.8 7.3 10.9



#80

Butylbenzylphthalate

Concen: 58.960 ng

RT: 13.451 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

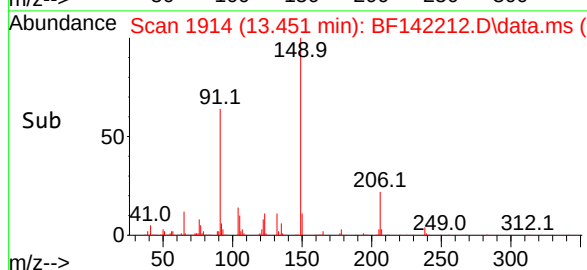
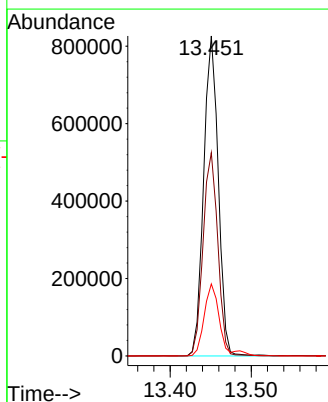
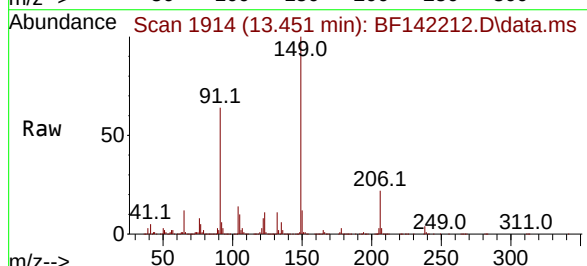
Tgt Ion:149 Resp: 1030935

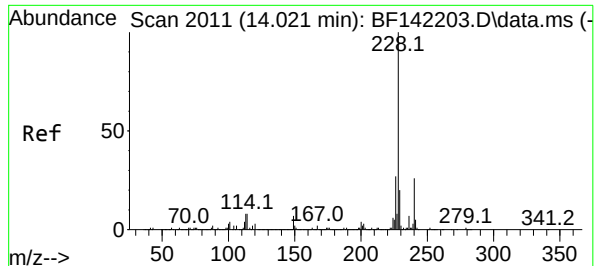
Ion Ratio Lower Upper

149 100

91 63.5 51.8 77.8

206 22.5 18.2 27.4





#81

Benzo(a)anthracene

Concen: 48.770 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

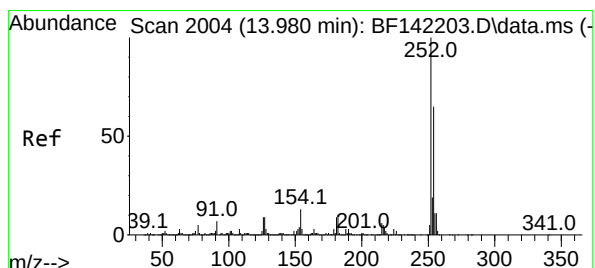
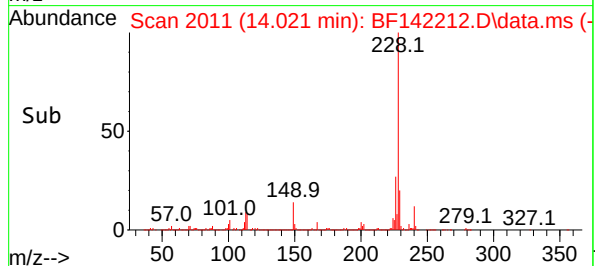
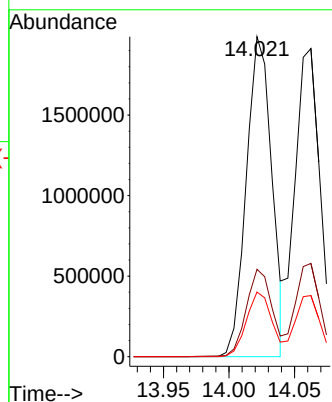
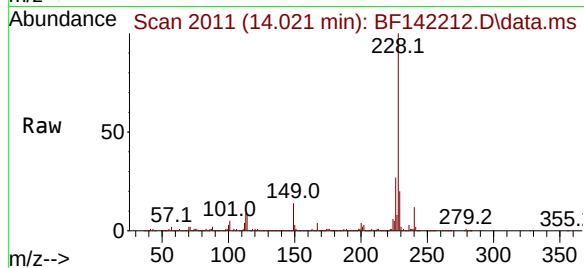
Tgt Ion:228 Resp: 2686778

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 19.224 ng

RT: 13.986 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

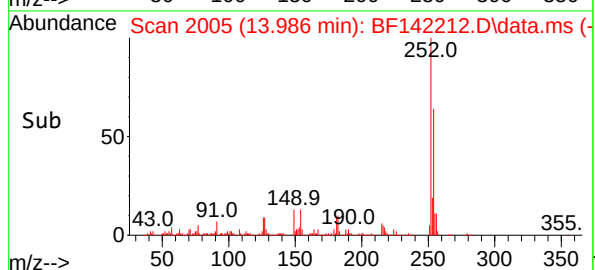
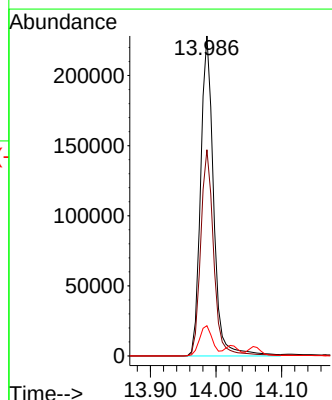
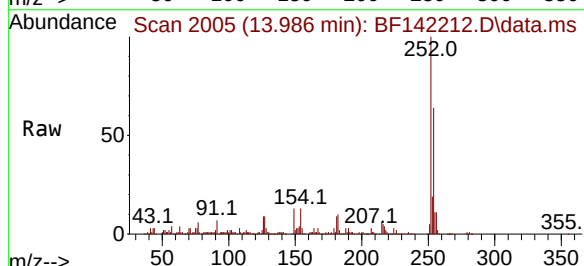
Tgt Ion:252 Resp: 315378

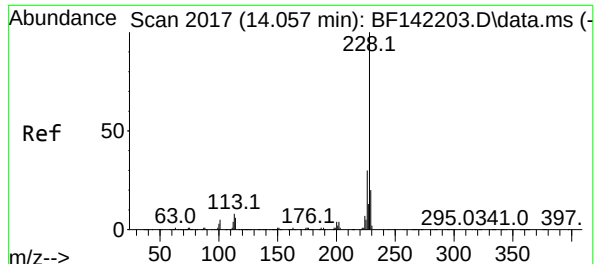
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 9.4 7.4 11.0





#83

Chrysene

Concen: 48.343 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

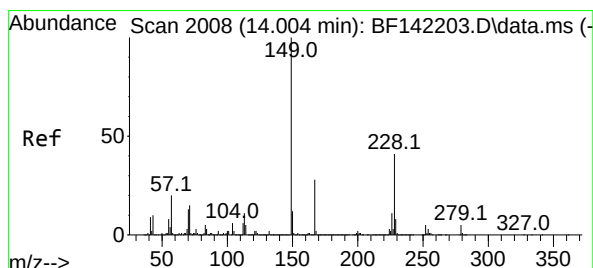
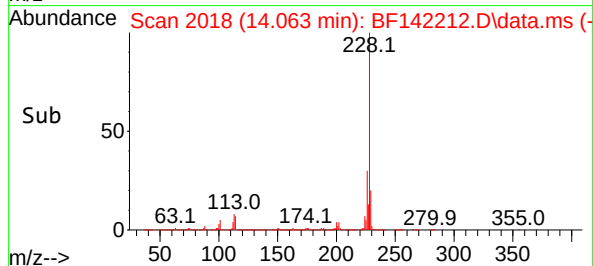
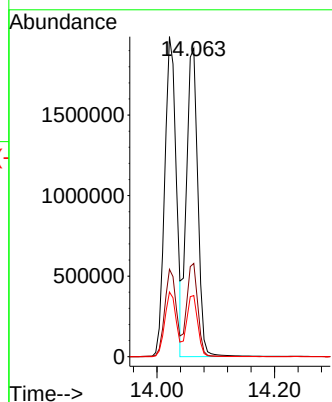
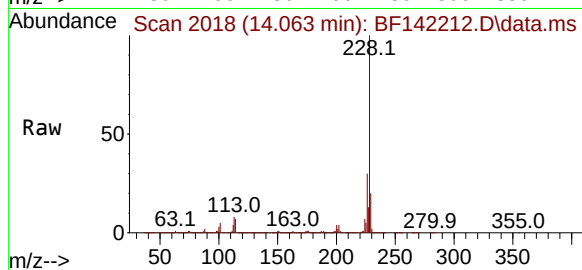
Tgt Ion:228 Resp: 2566006

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.953 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

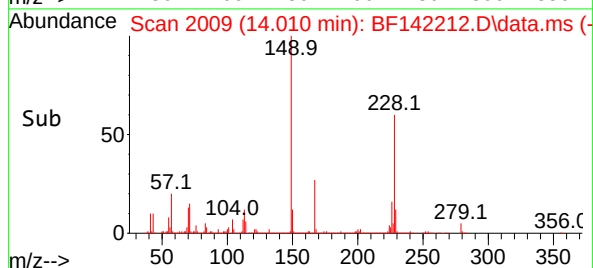
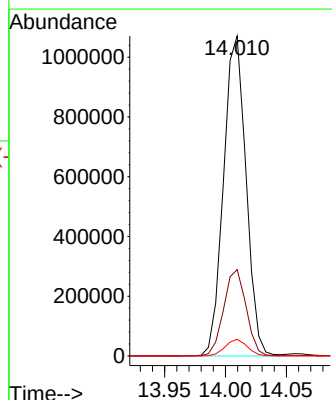
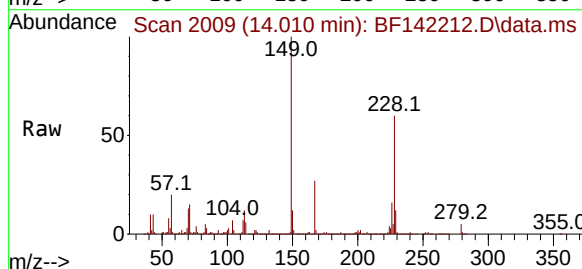
Tgt Ion:149 Resp: 1379037

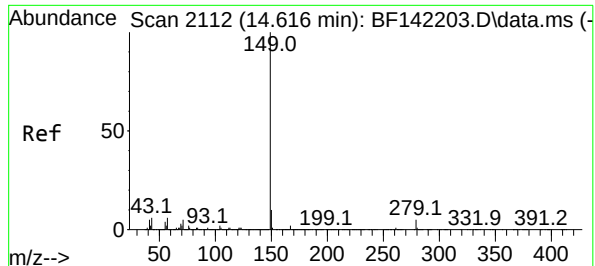
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

279 5.2 4.2 6.2

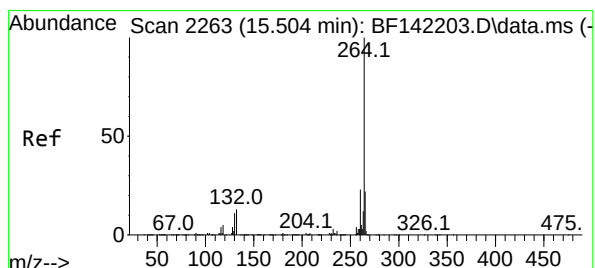
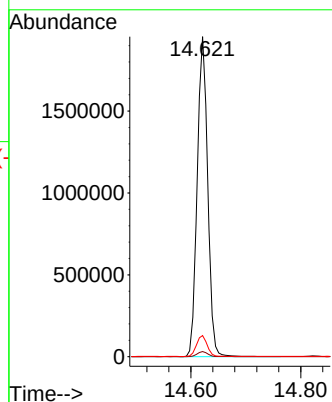
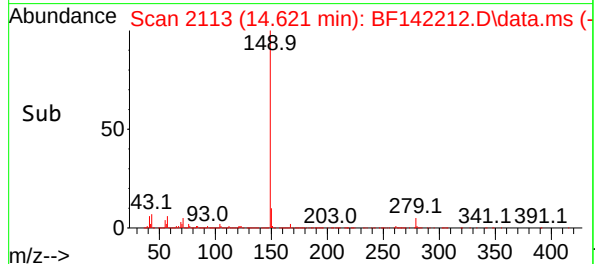
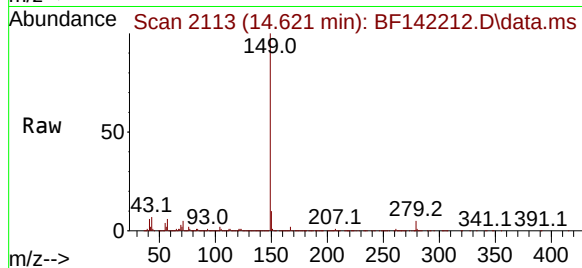




#85
Di-n-octyl phthalate
Concen: 62.457 ng
RT: 14.621 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

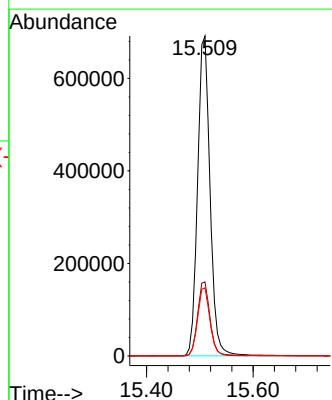
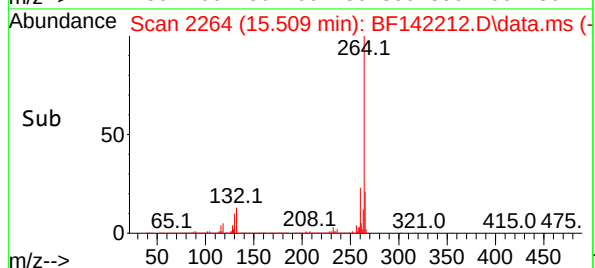
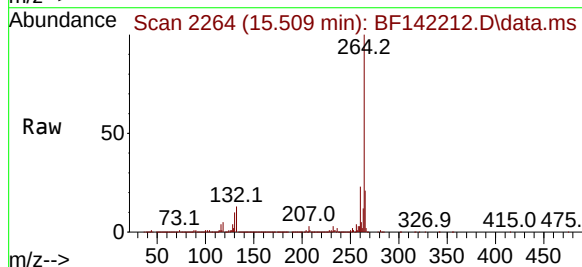
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

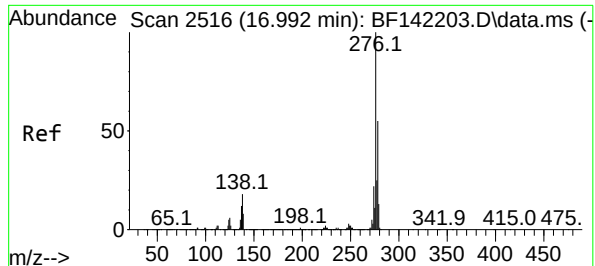
Tgt Ion:149 Resp: 2587646
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.7 5.3 7.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:264 Resp: 1121405
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.608 ng

RT: 17.003 min Scan# 2190

Delta R.T. 0.012 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

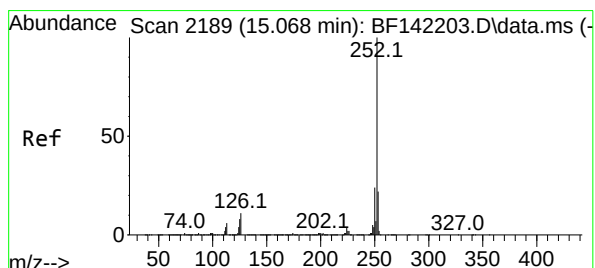
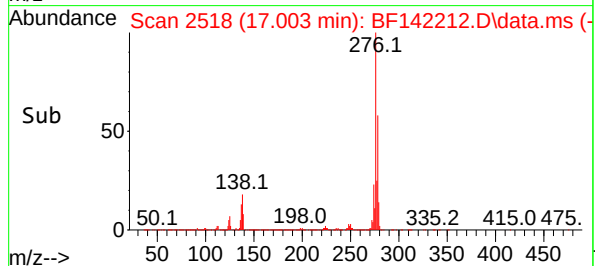
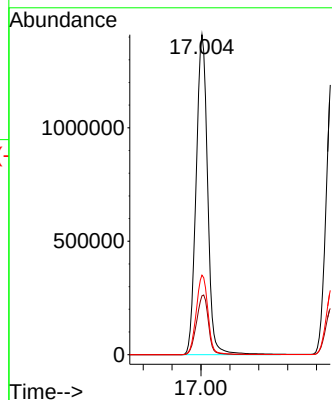
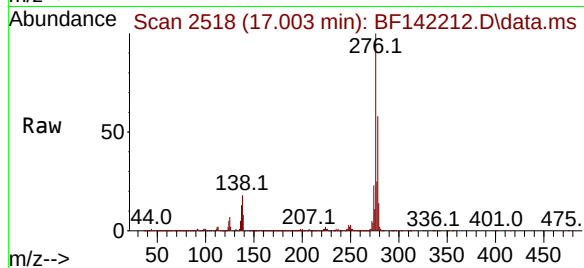
Tgt Ion:276 Resp: 3903112

Ion Ratio Lower Upper

276 100

138 19.3 15.1 22.7

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.453 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

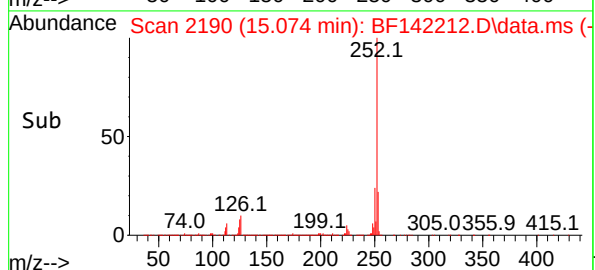
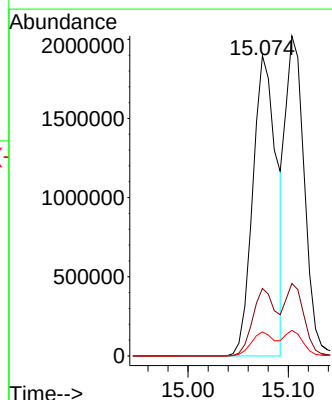
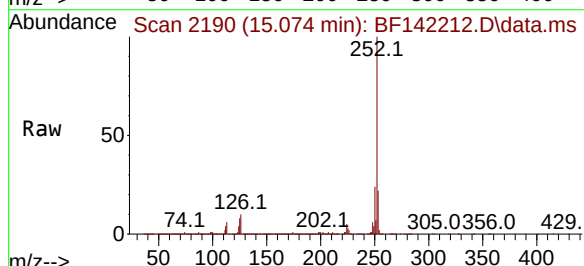
Tgt Ion:252 Resp: 3111306

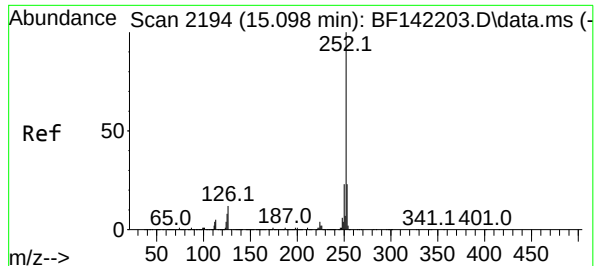
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.0 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 43.360 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB167672BSD

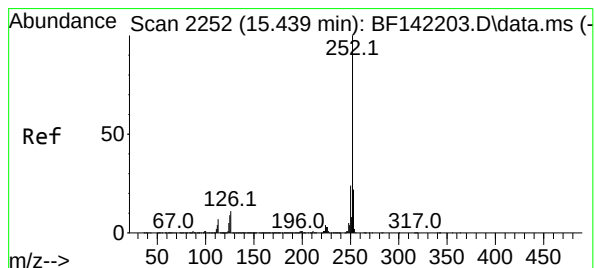
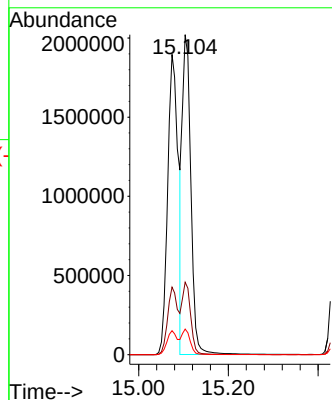
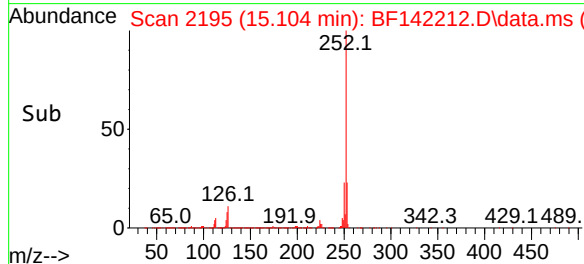
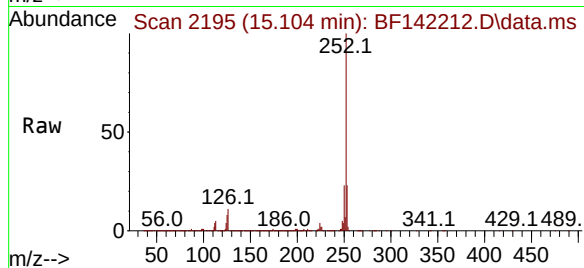
Tgt Ion:252 Resp: 2694376

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 8.0 6.6 10.0



#90

Benzo(a)pyrene

Concen: 51.636 ng

RT: 15.445 min Scan# 2253

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

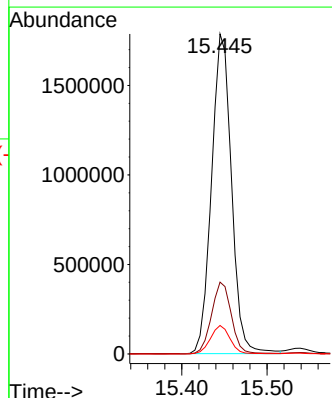
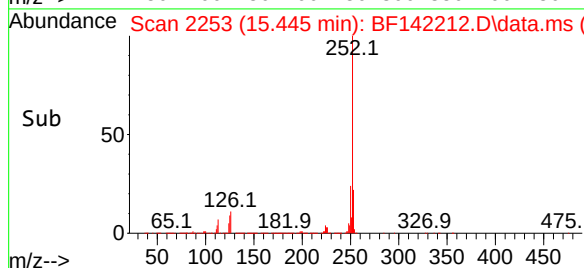
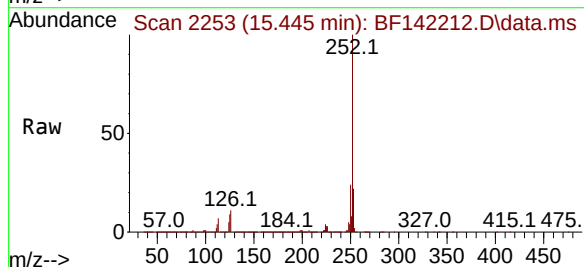
Tgt Ion:252 Resp: 2907359

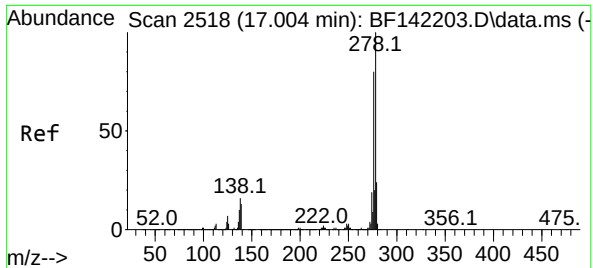
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.9 7.1 10.7

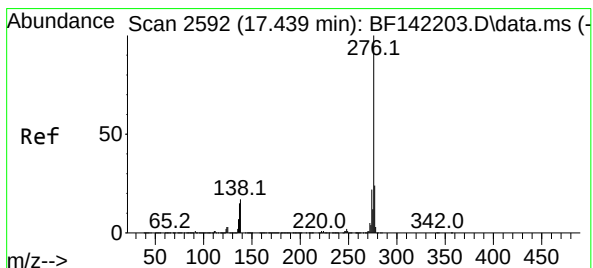
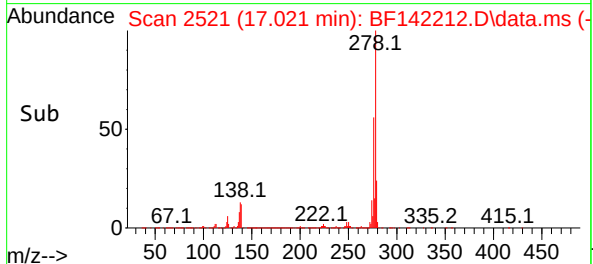
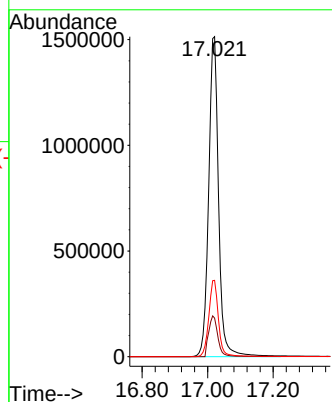
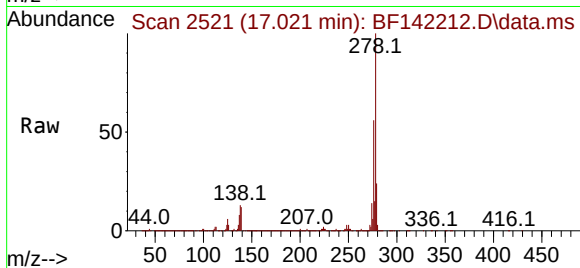




#91
Dibenzo(a,h)anthracene
Concen: 49.821 ng
RT: 17.021 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

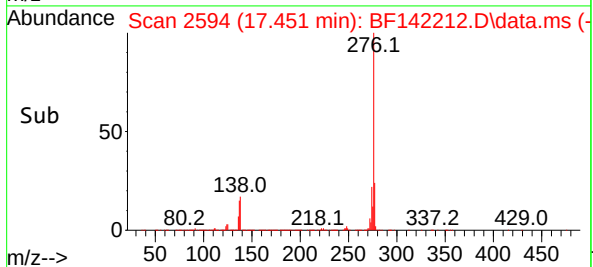
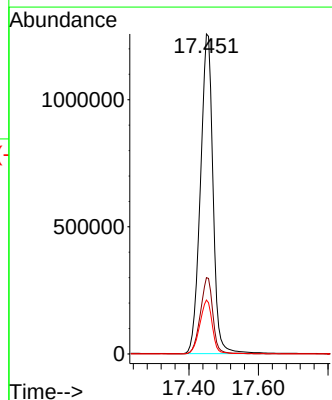
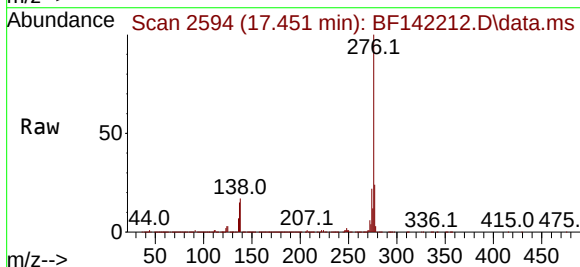
Instrument :
BNA_F
ClientSampleId :
PB167672BSD

Tgt Ion:278 Resp: 3197610
Ion Ratio Lower Upper
278 100
139 12.0 10.2 15.4
279 23.9 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 47.166 ng
RT: 17.451 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:276 Resp: 3152960
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 16.8 13.4 20.2



Manual Integration Report

Sequence:

BF042125

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF142200.D	Benzo(k)fluoranthene	Rahul	4/22/2025 10:38:30 AM	 	 	Peak Integrated by Software
SSTDICC010	BF142201.D	Benzo(k)fluoranthene	Rahul	4/22/2025 10:38:32 AM	 	 	Peak Integrated by Software
SSTDICC010	BF142201.D	Benzoic acid	Rahul	4/22/2025 10:38:32 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	BF042225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167672BS	BF142211.D	Acenaphthene	Rahul	4/23/2025 11:56:43 AM	 	 	Peak Integrated by Software
PB167672BS	BF142211.D	Caprolactam	Rahul	4/23/2025 11:56:43 AM	 	 	Peak Integrated by Software
PB167672BSD	BF142212.D	Acenaphthene	Rahul	4/23/2025 11:56:46 AM	 	 	Peak Integrated by Software
PB167672BSD	BF142212.D	Caprolactam	Rahul	4/23/2025 11:56:46 AM	 	 	Peak Integrated by Software
Q1833-02	BF142214.D	Diethylphthalate	Rahul	4/23/2025 11:56:49 AM	 	 	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF042125

Review By	Rahul	Review On	4/22/2025 10:39:20 AM
Supervise By		Supervise On	
SubDirectory	BF042125	HP Acquire Method	BNA_F
		HP Processing Method	BF042125
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12660,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142198.D	21 Apr 2025 10:43	RC/JU	Ok
2	SSTDICC2.5	BF142199.D	21 Apr 2025 11:13	RC/JU	Ok
3	SSTDICC005	BF142200.D	21 Apr 2025 11:41	RC/JU	Ok,NS
4	SSTDICC010	BF142201.D	21 Apr 2025 12:09	RC/JU	Ok,NS
5	SSTDICC020	BF142202.D	21 Apr 2025 12:37	RC/JU	Ok
6	SSTDICCC040	BF142203.D	21 Apr 2025 13:06	RC/JU	Ok
7	SSTDICC050	BF142204.D	21 Apr 2025 13:33	RC/JU	Ok
8	SSTDICC060	BF142205.D	21 Apr 2025 14:02	RC/JU	Ok
9	SSTDICC080	BF142206.D	21 Apr 2025 14:30	RC/JU	Ok
10	SSTDICV040	BF142207.D	21 Apr 2025 18:12	RC/JU	Ok
11	PB167645BL	BF142208.D	21 Apr 2025 19:09	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF042225

Review By	Rahul	Review On	4/23/2025 11:57:50 AM
Supervise By		Supervise On	
SubDirectory	BF042225	HP Acquire Method	BNA_F
		HP Processing Method	BF042125
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12660,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142209.D	22 Apr 2025 08:26	RC/JU	Ok
2	SSTDCCC040	BF142210.D	22 Apr 2025 14:11	RC/JU	Ok
3	PB167672BS	BF142211.D	22 Apr 2025 14:44	RC/JU	Ok,NS
4	PB167672BSD	BF142212.D	22 Apr 2025 15:13	RC/JU	Ok,NS
5	PB167672BL	BF142213.D	22 Apr 2025 15:41	RC/JU	Ok
6	Q1833-02	BF142214.D	22 Apr 2025 16:21	RC/JU	Dilution
7	Q1833-02DL	BF142215.D	22 Apr 2025 16:50	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF042125

Review By	Rahul	Review On	4/22/2025 10:39:20 AM
Supervise By		Supervise On	
SubDirectory	BF042125	HP Acquire Method	BNA_F
		HP Processing Method	BF042125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12660,10ul/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	BF142198.D	21 Apr 2025 10:43		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142199.D	21 Apr 2025 11:13		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142200.D	21 Apr 2025 11:41	Compounds #32,54,56,65,85 removed from 5ppm	RC/JU	Ok,NS
4	SSTDICC010	SSTDICC010	BF142201.D	21 Apr 2025 12:09	Compound #32 kept on LR	RC/JU	Ok,NS
5	SSTDICC020	SSTDICC020	BF142202.D	21 Apr 2025 12:37	Com#69,77 failed in this calibration	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF142203.D	21 Apr 2025 13:06	This calibration is good for 8270E DOD except Com#69,77 and good for 625.1 method	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF142204.D	21 Apr 2025 13:33	This calibration is used for 625.1 method	RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF142205.D	21 Apr 2025 14:02	Compound #69 Removed from 60PPM	RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF142206.D	21 Apr 2025 14:30	Compound #45,69,79 Removed from 80PPM	RC/JU	Ok
10	SSTDICV040	ICVBF042125	BF142207.D	21 Apr 2025 18:12		RC/JU	Ok
11	PB167645BL	PB167645BL	BF142208.D	21 Apr 2025 19:09	Method is Fail for Com# 69, Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF042225

Review By	Rahul	Review On	4/23/2025 11:57:50 AM
Supervise By		Supervise On	
SubDirectory	BF042225	HP Acquire Method	BNA_F
		HP Processing Method	BF042125
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12660,10ul/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	BF142209.D	22 Apr 2025 08:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142210.D	22 Apr 2025 14:11		RC/JU	Ok
3	PB167672BS	PB167672BS	BF142211.D	22 Apr 2025 14:44		RC/JU	Ok,NS
4	PB167672BSD	PB167672BSD	BF142212.D	22 Apr 2025 15:13		RC/JU	Ok,NS
5	PB167672BL	PB167672BL	BF142213.D	22 Apr 2025 15:41		RC/JU	Ok
6	Q1833-02	EFF-WASTE-WATER	BF142214.D	22 Apr 2025 16:21	Need 10X dilution	RC/JU	Dilution
7	Q1833-02DL	EFF-WASTE-WATERD	BF142215.D	22 Apr 2025 16:50		RC/JU	Ok

M : Manual Integration

SOP ID: M625.1-BNA-20

Clean Up SOP #: N/A

Matrix : Water

Welgh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RS

Balance ID: N/A **pH Meter ID:** N/A

pH Strip Lot#: E3574 **Hood ID:** 4,6,7

Extraction Method: ☒ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Extraction Start Date : 04/21/2025

Extraction Start Time : 08:55

Extraction End Date : 04/21/2025

Extraction End Time : 13:45

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100 PPM	SP6759
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	E3926
Baked Na2SO4	N/A	EP2604
10N NaOH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 & >11 with10N NaOH.

KD Bath ID: Water bath -01

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

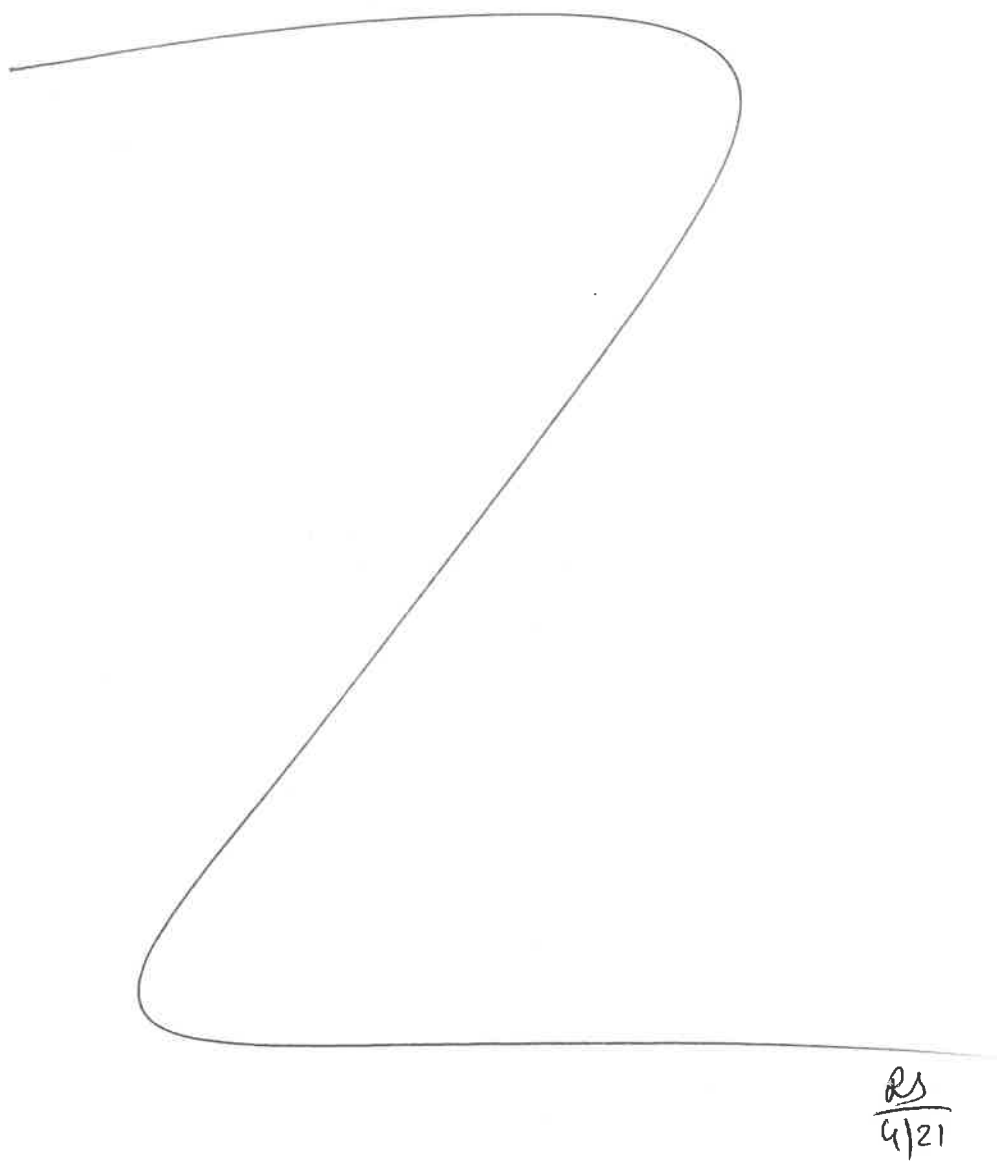
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/21/25	RS (BUT Lab)	R/svoc
13:50	Preparation Group	Analysis Group

Analytical Method: M625.1-BNA-20

Concentration Date: 04/21/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr / Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167672BL	SBLK672	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB167672BS	SLCS672	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
PB167672BS D	SLCSD672	SVOCMS Group1	1000	6	RUPESH	ritesh	1			3
Q1833-02	EFF-WASTE-WATER	SVOCMS Group1	990	11	RUPESH	ritesh	1	C		4



RS
4/21

167642
8:57

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1833 WorkList ID : 189058 Department : Extraction Date : 04-21-2025 08:49:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1833-02	EFF-WASTE-WATER	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	L31	04/17/2025	625.1

Date/Time 4/21/25 8:50
Raw Sample Received by: RS (Cert Lab)
Raw Sample Relinquished by: ASJ sm

Date/Time 4/21/25 9:20
Raw Sample Received by: ASJ sm
Raw Sample Relinquished by: RS (Cert Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ARDMORE
ADDRESS: 29 RIVERSIDE AVE
CITY: NEWARK STATE: NJ ZIP: 07104
ATTENTION: MICHAEL SHARPHOUSE
PHONE: 973 481-2406 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: PVSC MONTHLY
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): STANDARD 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) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

VOC CN SVOC BOD/TS METALS

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	EFF WASTE WATER	WW		X	4/17/25	12:30 PM	3	X	X								PH-12 Lot # HC175721
2.	EFF WASTE WATER	WW	X		4/17/25	12:30 PM	3			X	X	X					PH-1-3 Lot # 80A0441
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Michael Sharphouse</u>	DATE/TIME: <u>4/17/25</u> 12:30 PM	RECEIVED BY: 1. <u>Michael Sharphouse</u>	DATE/TIME: <u>4/17/25</u> 12:30 PM	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>33°C</u>	Comments: <u>METALS LEAD, ZINC</u> (adjust factor x1) IN RINSE
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: <u>4/17/25</u> 11:55	RECEIVED BY: 2. <u>[Signature]</u>	DATE/TIME:		
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	DATE/TIME:		

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1833 ARDM01

Order Date : 4/17/2025 2:07:00 PM

Project Mgr :

Client Name : Ardmore Chemical

Project Name : PVSC Monthly 2025

Report Type : Level 1

Client Contact : Michael Sharpouse

Receive DateTime : 4/17/2025 11:55:00 AM

EDD Type : NONE

Invoice Name : Ardmore Chemical

Purchase Order :

Hard Copy Date :

Invoice Contact : Michael Sharpouse

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1833-01	EFF-WASTE-WATER	Water	04/17/2025	12:30	VOC-PP		624.1		3 Bus. Days

*stored in v.o.A
sf # 05*

Relinquished By :

[Signature]

Date / Time :

4/17/25 1512

Received By :

[Signature]

16:45

Date / Time :

4-17-25

Storage Area : VOA Refridgerator Room